

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052220\  
 Data File : VX016401.D  
 Acq On : 22 May 2020 10:57  
 Operator : JC/SP  
 Sample : VX0522WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0522WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 5/26/2020 11:44:03 AM

Quant Time: May 23 01:56:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:43:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.62  | 168  | 240628   | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 379373   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 348961   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 169894   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 6.03   | 65  | 133605   | 42.19 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 84.38% |      |
| 35) Dibromofluoromethane    | 5.46   | 113 | 113305   | 47.14 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 94.28% |      |
| 50) Toluene-d8              | 8.70   | 98  | 434374   | 46.90 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 93.80% |      |
| 62) 4-Bromofluorobenzene    | 11.12  | 95  | 162800   | 46.22 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 92.44% |      |

|                               |      |     |        |         |      |     |
|-------------------------------|------|-----|--------|---------|------|-----|
| Target Compounds              |      |     |        | Qvalue  |      |     |
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 45287  | 17.781  | ug/l | 98  |
| 3) Chloromethane              | 1.31 | 50  | 50170  | 16.961  | ug/l | 100 |
| 4) Vinyl Chloride             | 1.39 | 62  | 54254  | 17.192  | ug/l | 100 |
| 5) Bromomethane               | 1.62 | 94  | 33117  | 20.816  | ug/l | 99  |
| 6) Chloroethane               | 1.71 | 64  | 32492  | 16.922  | ug/l | 94  |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 74311  | 17.936  | ug/l | 97  |
| 8) Diethyl Ether              | 2.17 | 74  | 30530  | 17.489  | ug/l | 93  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 43712  | 18.287  | ug/l | 98  |
| 10) Methyl Iodide             | 2.49 | 142 | 36045  | 11.227  | ug/l | 98  |
| 11) Tert butyl alcohol        | 3.01 | 59  | 62108  | 77.567  | ug/l | 99  |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 44225  | 17.680  | ug/l | 97  |
| 13) Acrolein                  | 2.27 | 56  | 53253  | 106.282 | ug/l | 98  |
| 14) Allyl chloride            | 2.70 | 41  | 72225  | 15.748  | ug/l | 94  |
| 15) Acrylonitrile             | 3.11 | 53  | 137044 | 82.504  | ug/l | 99  |
| 16) Acetone                   | 2.42 | 43  | 107459 | 76.060  | ug/l | 97  |
| 17) Carbon Disulfide          | 2.55 | 76  | 123459 | 16.296  | ug/l | 97  |
| 18) Methyl Acetate            | 2.75 | 43  | 57043  | 16.421  | ug/l | 97  |
| 19) Methyl tert-butyl Ether   | 3.16 | 73  | 157646 | 18.282  | ug/l | 95  |
| 20) Methylene Chloride        | 2.83 | 84  | 50570  | 17.363  | ug/l | 94  |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 49368  | 17.711  | ug/l | 93  |
| 22) Diisopropyl ether         | 3.82 | 45  | 145676 | 16.836  | ug/l | 93  |
| 23) Vinyl Acetate             | 3.78 | 43  | 628191 | 82.523  | ug/l | 95  |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 86909  | 17.956  | ug/l | 98  |
| 25) 2-Butanone                | 4.63 | 43  | 181554 | 79.747  | ug/l | 93  |
| 26) 2,2-Dichloropropane       | 4.54 | 77  | 79107  | 17.896  | ug/l | 97  |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 56471  | 18.531  | ug/l | 95  |
| 28) Bromochloromethane        | 4.98 | 49  | 39214  | 17.768  | ug/l | 89  |
| 29) Tetrahydrofuran           | 5.09 | 42  | 121089 | 80.271  | ug/l | 93  |
| 30) Chloroform                | 5.18 | 83  | 89541  | 18.580  | ug/l | 98  |
| 31) Cyclohexane               | 5.55 | 56  | 74301  | 16.891  | ug/l | 94  |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 82161  | 18.756  | ug/l | 97  |
| 36) 1,1-Dichloropropene       | 5.76 | 75  | 67849  | 18.169  | ug/l | 100 |
| 37) Ethyl Acetate             | 4.79 | 43  | 70816  | 16.361  | ug/l | 96  |
| 38) Carbon Tetrachloride      | 5.75 | 117 | 71966  | 18.960  | ug/l | 97  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052220\  
 Data File : VX016401.D  
 Acq On : 22 May 2020 10:57  
 Operator : JC/SP  
 Sample : VX0522WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0522WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 5/26/2020 11:44:03 AM

Quant Time: May 23 01:56:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:43:32 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 76150    | 16.933  | ug/l   | 97       |
| 40) Benzene                    | 6.11  | 78   | 207652   | 19.004  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.00  | 41   | 38594    | 16.511  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 68639    | 17.438  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.41  | 43   | 113887   | 16.491  | ug/l   | 95       |
| 44) Trichloroethene            | 7.19  | 130  | 68713    | 17.701  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 52079    | 18.836  | ug/l   | 100      |
| 46) Dibromomethane             | 7.63  | 93   | 35383    | 18.832  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.87  | 83   | 72023    | 18.821  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.74  | 41   | 53341    | 16.301  | ug/l   | 92       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 26980    | 343.774 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 359123   | 84.979  | ug/l   | 95       |
| 52) Toluene                    | 8.76  | 92   | 134695   | 19.777  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 83223    | 18.241  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.41  | 75   | 89816    | 18.847  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 52467    | 19.580  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 80539    | 18.413  | ug/l   | 91       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 88561    | 18.941  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 179630   | 77.141  | ug/l   | 97       |
| 59) 2-Hexanone                 | 9.47  | 43   | 276626   | 83.352  | ug/l   | 95       |
| 60) Dibromochloromethane       | 9.57  | 129  | 58149    | 19.704  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 55116    | 18.989  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.32  | 164  | 80522    | 18.796  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.12 | 112  | 141767   | 19.402  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 52794    | 19.548  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.24 | 91   | 251194   | 19.267  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.34 | 106  | 192090   | 39.326  | ug/l   | 100      |
| 69) o-Xylene                   | 10.68 | 106  | 90715    | 19.321  | ug/l   | 99       |
| 70) Styrene                    | 10.70 | 104  | 153465   | 19.266  | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 42478    | 19.305  | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.00 | 105  | 239672   | 19.395  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 95969    | 16.650  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 54205    | 24.559  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 73918m   | 19.173  | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 60978    | 19.118  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.34 | 91   | 267507   | 18.608  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 163568   | 19.276  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 203555   | 19.510  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 28723    | 17.755  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 190990   | 19.060  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 168317   | 18.720  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 206363   | 19.564  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 213989   | 17.626  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 203886   | 18.089  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 108343   | 18.918  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 111929   | 19.256  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 164612   | 15.986  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.58 | 117  | 33851    | 17.487  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 108019   | 19.588  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 17552    | 17.274  | ug/l   | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052220\  
Data File : VX016401.D  
Acq On : 22 May 2020 10:57  
Operator : JC/SP  
Sample : VX0522WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

Manual Integrations  
APPROVED

MMDadoda  
5/26/2020 11:44:03 AM

Quant Time: May 23 01:56:31 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 06 06:43:32 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 68695    | 16.826 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 27691    | 16.110 | ug/l  | 97       |
| 95) Naphthalene            | 13.82 | 128  | 234182   | 17.714 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 66619    | 16.696 | ug/l  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion:168 Resp: 240628

Ion Ratio Lower Upper

168 100

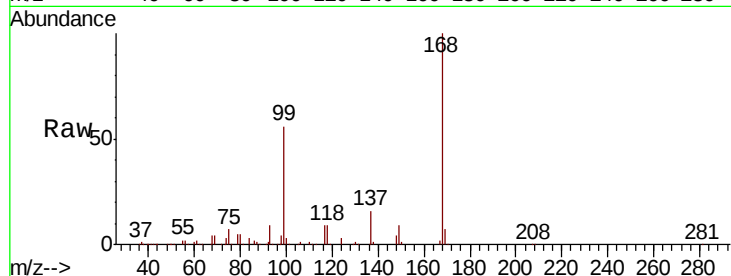
99 55.8 45.0 67.4

Manual Integrations

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MMDadoda

5/26/2020 11:44:03 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

80000

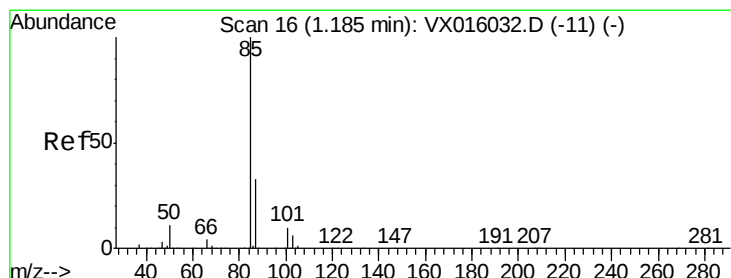
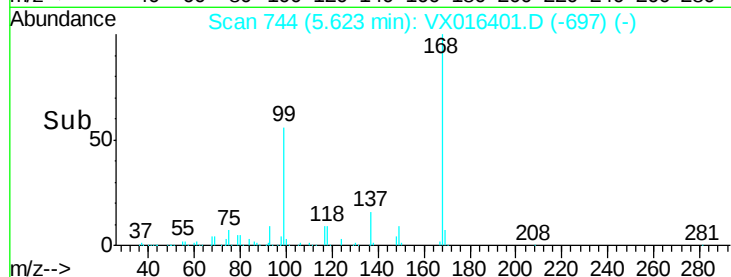
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.781 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016401.D

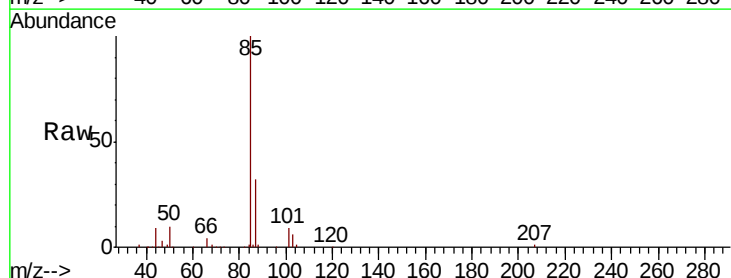
Acq: 22 May 2020 10:57

Tgt Ion: 85 Resp: 45287

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

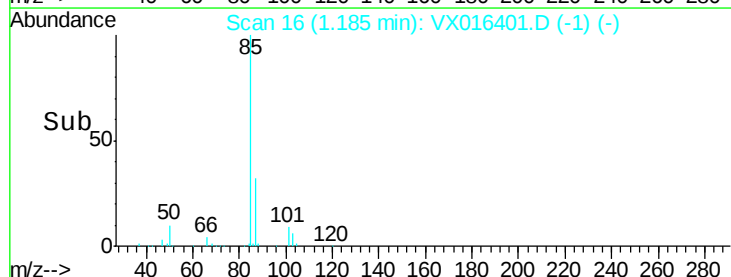
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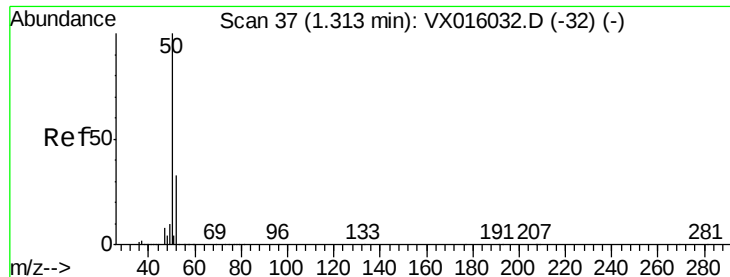
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10000

0

Time-->





#3

Chloromethane

Concen: 16.961 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion: 50 Resp: 50170

Ion Ratio Lower Upper

50 100

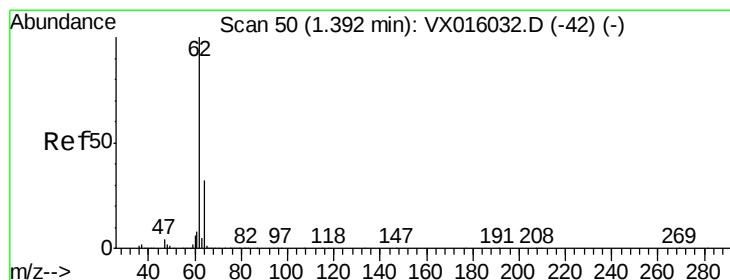
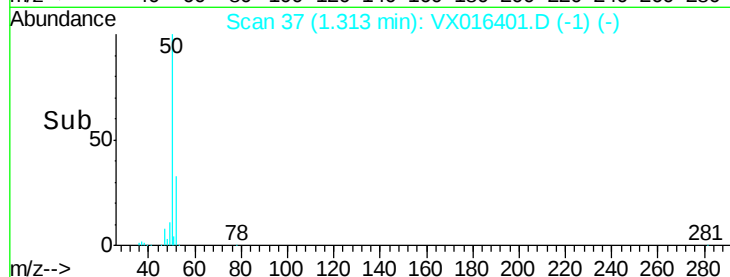
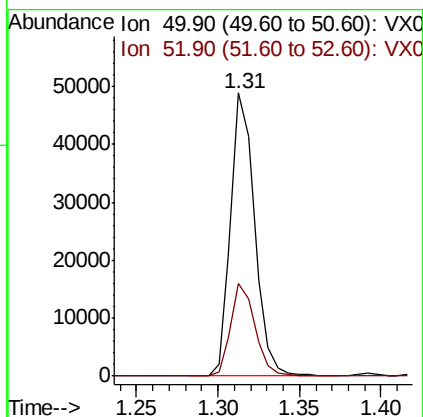
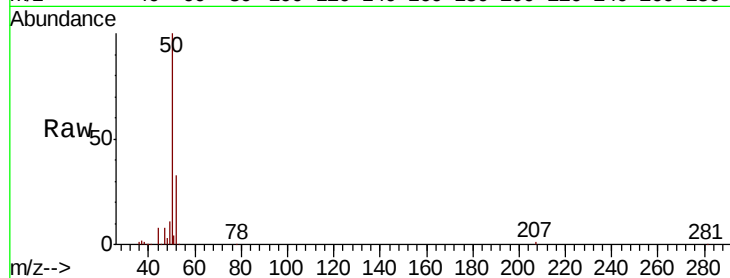
52 32.8 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

5/26/2020 11:44:03 AM



#4

Vinyl Chloride

Concen: 17.192 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016401.D

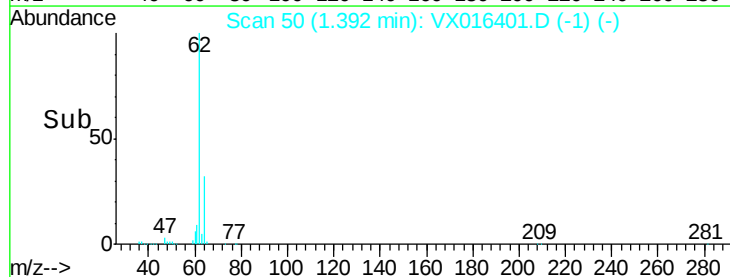
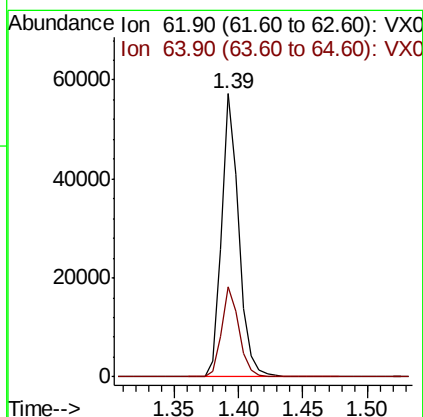
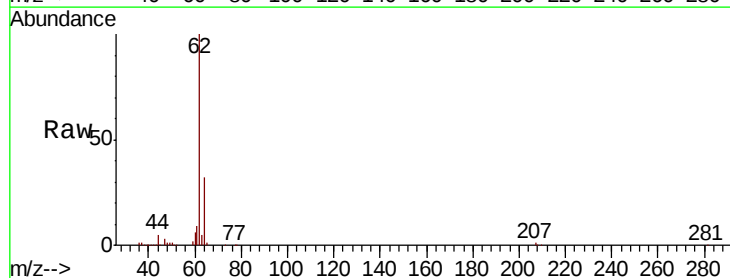
Acq: 22 May 2020 10:57

Tgt Ion: 62 Resp: 54254

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 20.816 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion: 94 Resp: 33117

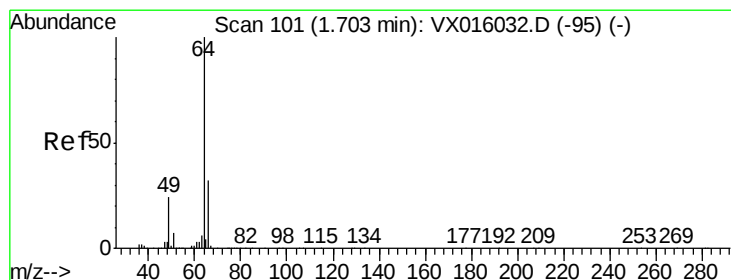
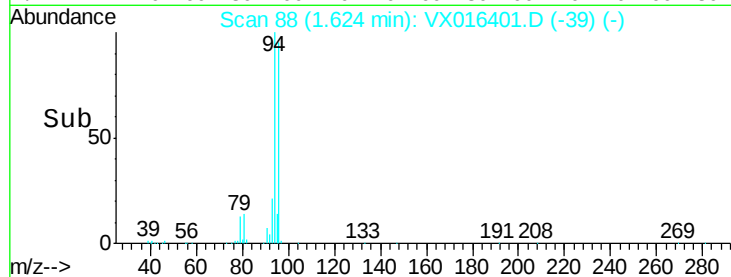
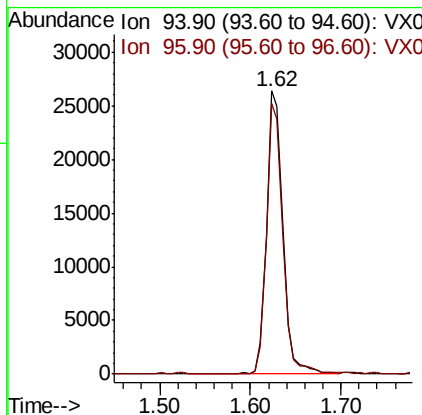
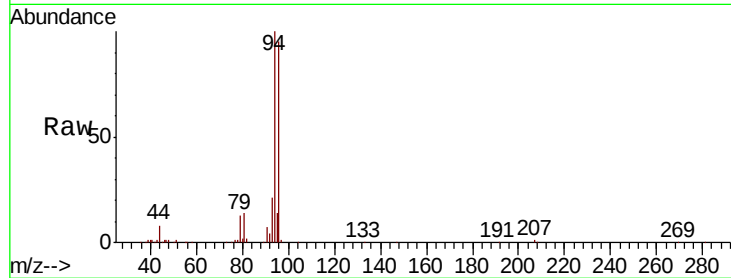
Ion Ratio Lower Upper

94 100

96 95.2 76.9 115.3

Manual Integrations  
APPROVED

MMDadoda  
5/26/2020 11:44:03 AM



#6

Chloroethane

Concen: 16.922 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016401.D

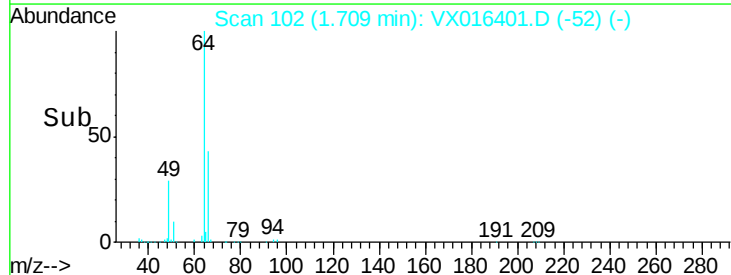
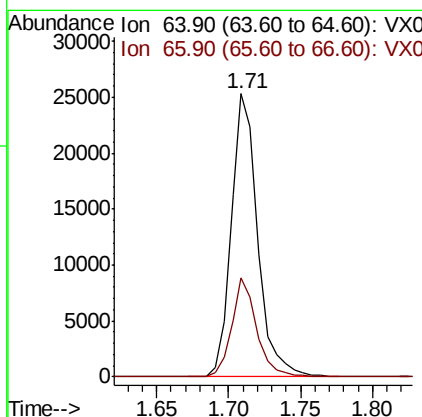
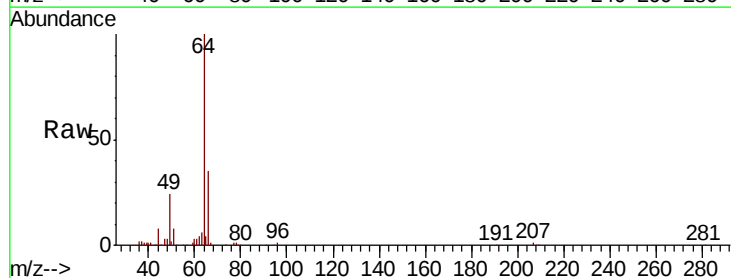
Acq: 22 May 2020 10:57

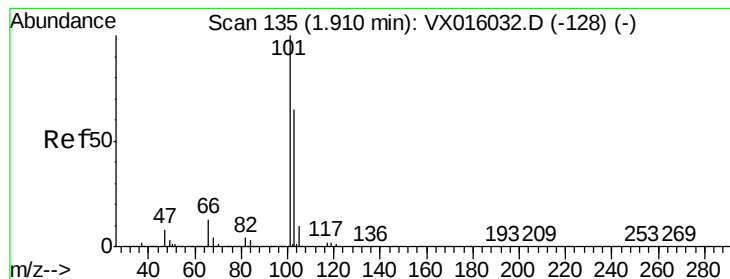
Tgt Ion: 64 Resp: 32492

Ion Ratio Lower Upper

64 100

66 35.0 25.2 37.8





#7

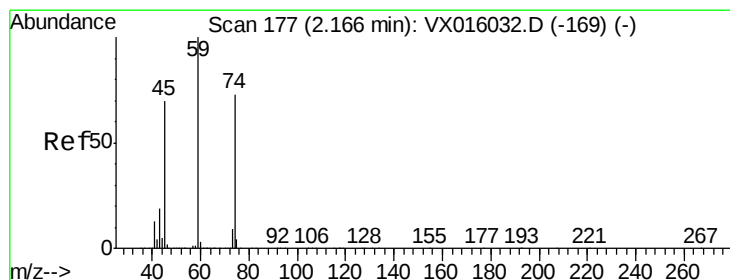
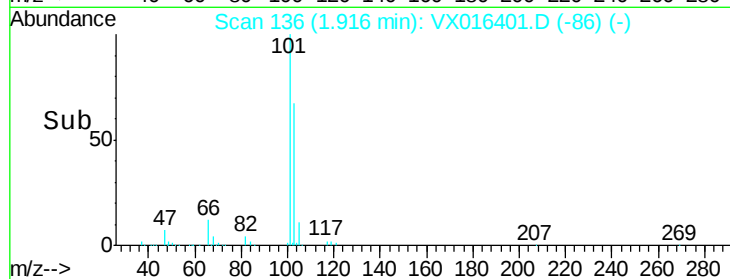
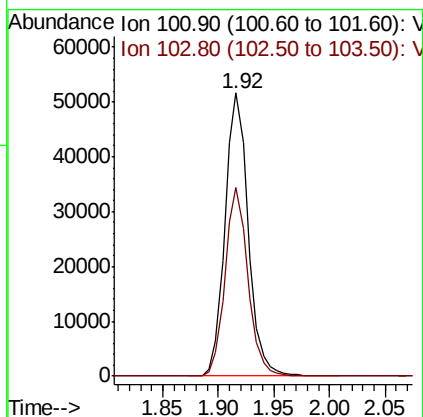
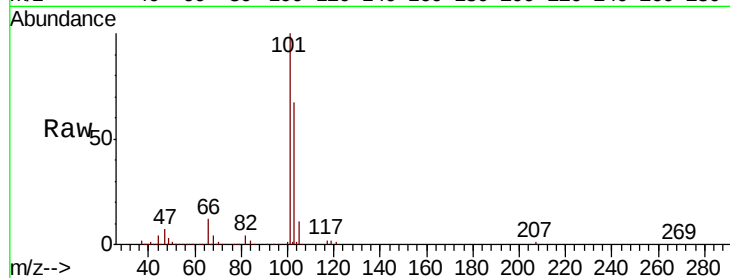
Trichlorofluoromethane  
Concen: 17.936 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.7  | 51.8  | 77.6  |

Manual Integrations  
APPROVED

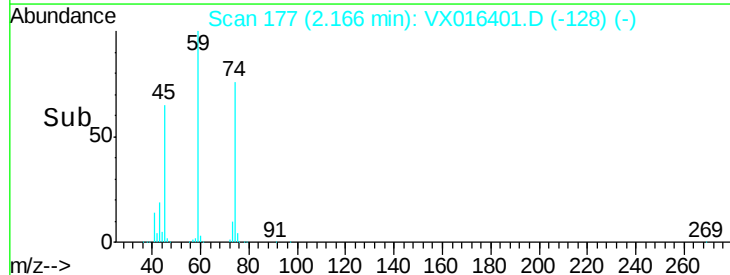
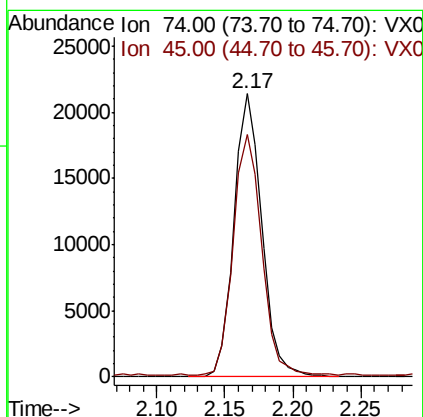
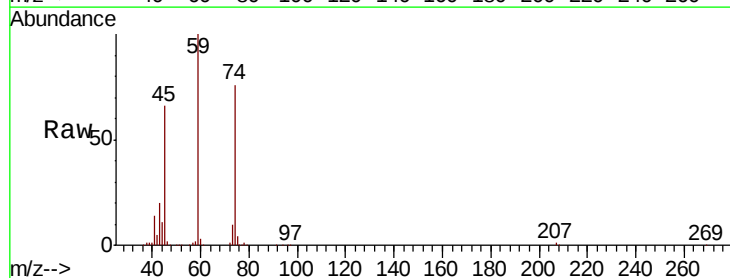
MMDadoda  
5/26/2020 11:44:03 AM

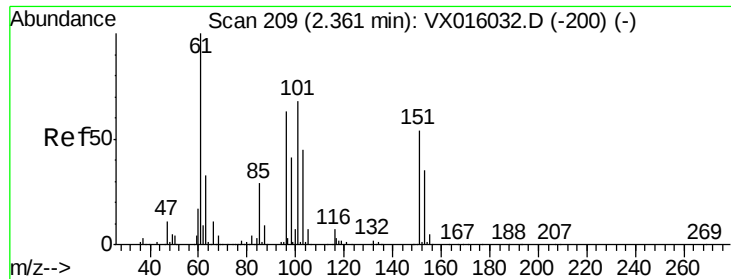


#8

Diethyl Ether  
Concen: 17.489 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 87.6  | 47.3  | 142.0 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.287 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

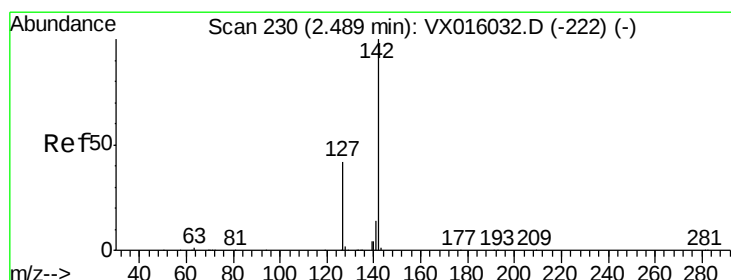
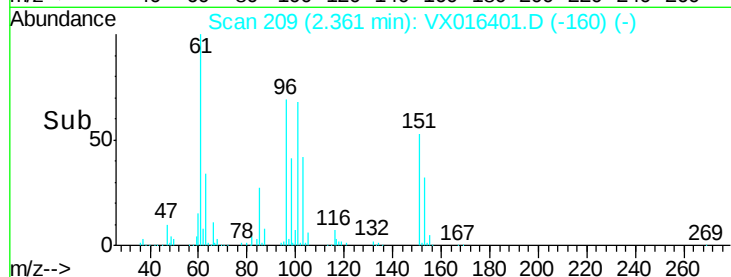
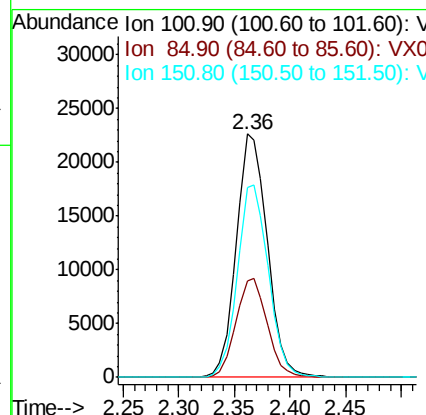
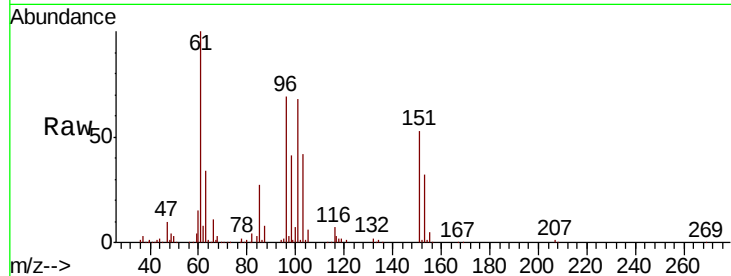
ClientSampleId :

VX0522WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 43712 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 40.9  | 34.2  | 51.4  |
| 151       | 79.0  | 62.1  | 93.1  |

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#10

Methyl Iodide

Concen: 11.227 ug/l

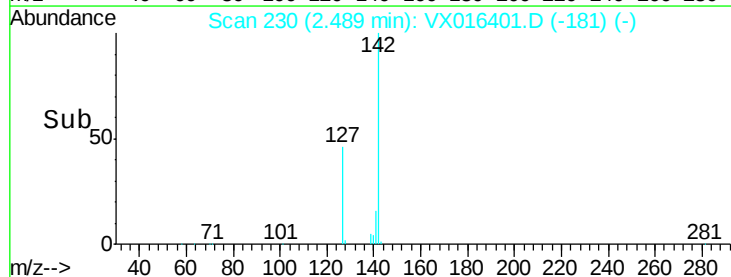
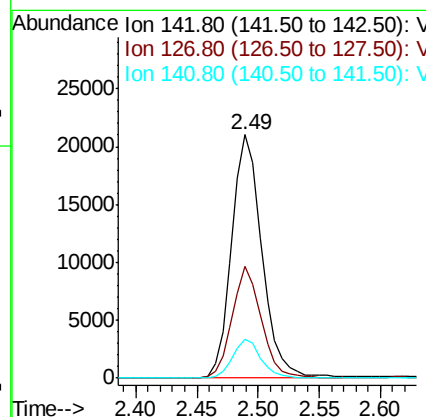
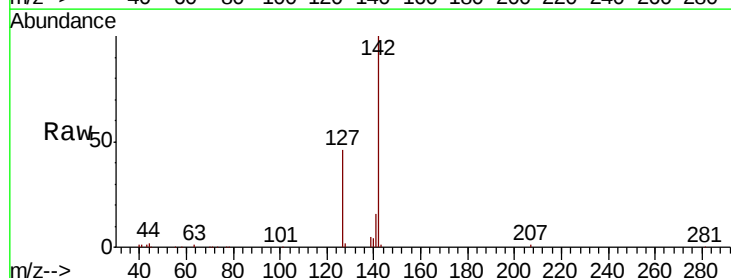
RT: 2.49 min Scan# 230

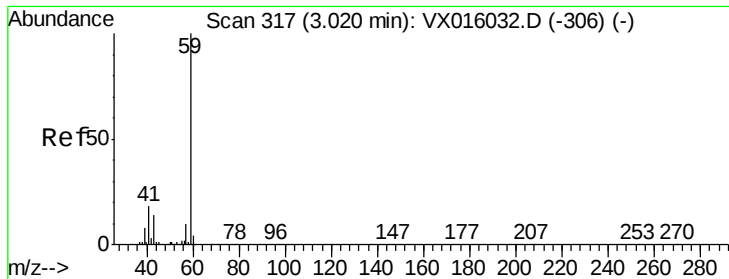
Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 36045 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 44.2  | 34.6  | 52.0  |
| 141       | 15.0  | 11.3  | 16.9  |





#11

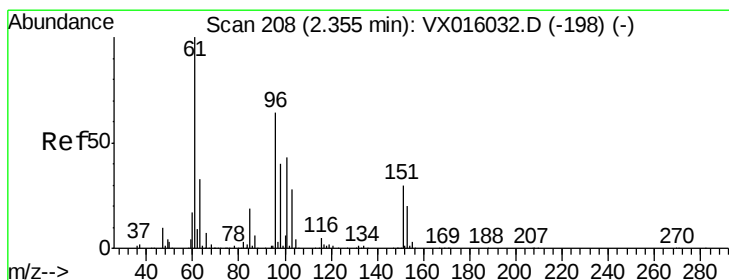
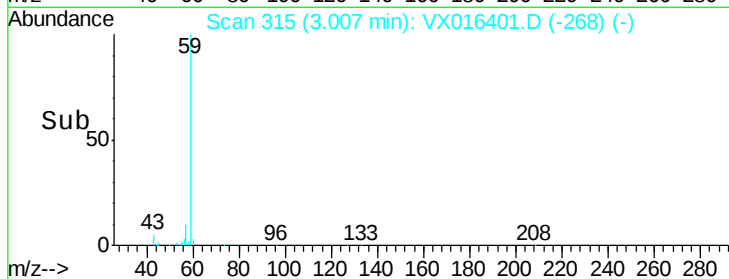
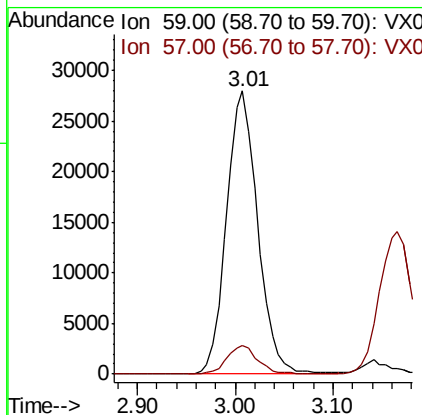
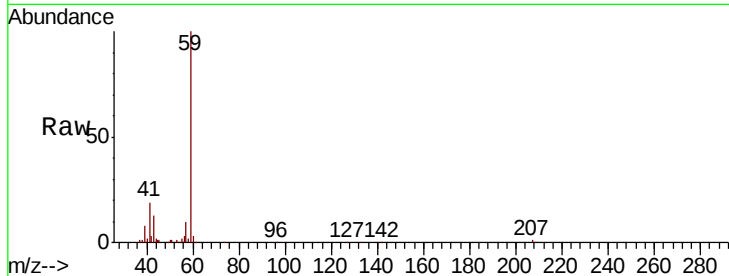
Tert butyl alcohol  
 Concen: 77.567 ug/l  
 RT: 3.01 min Scan# 315  
 Delta R.T. -0.01 min  
 Lab File: VX016401.D  
 Acq: 22 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0522WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.0  | 8.2   | 12.4  |

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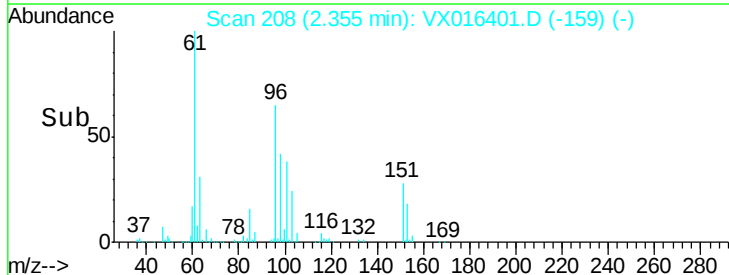
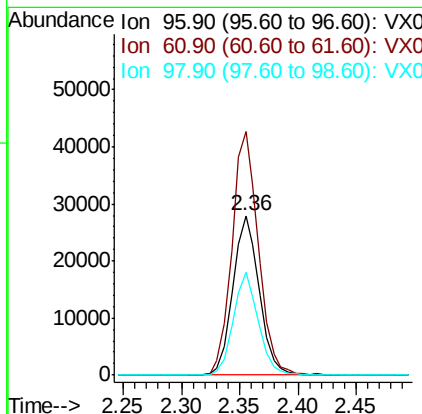
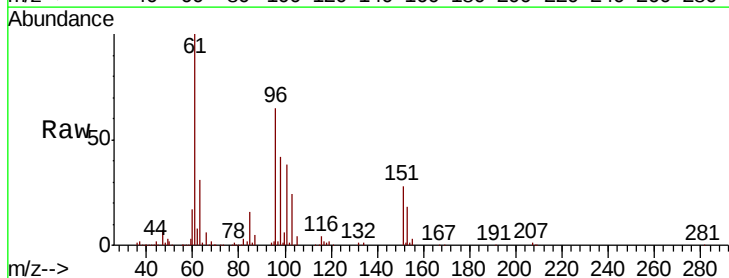
MMDadoda  
 5/26/2020 11:44:03 AM

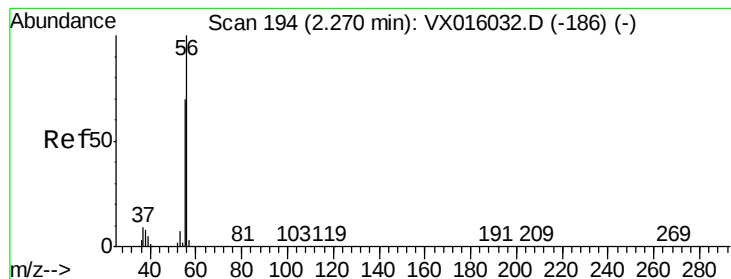


#12

1,1-Dichloroethene  
 Concen: 17.680 ug/l  
 RT: 2.36 min Scan# 208  
 Delta R.T. -0.00 min  
 Lab File: VX016401.D  
 Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 152.9 | 124.8 | 187.2 |
| 98      | 64.7  | 49.7  | 74.5  |





#13

Acrolein

Concen: 106.282 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion: 56 Resp: 53253

Ion Ratio Lower Upper

56 100

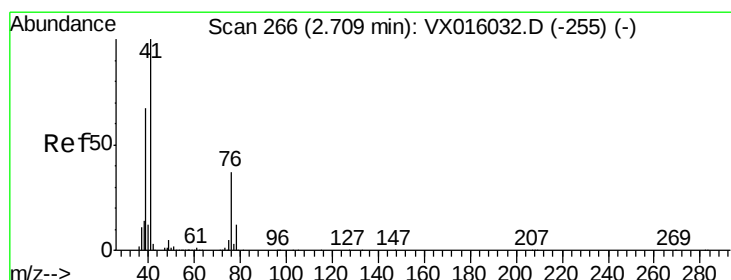
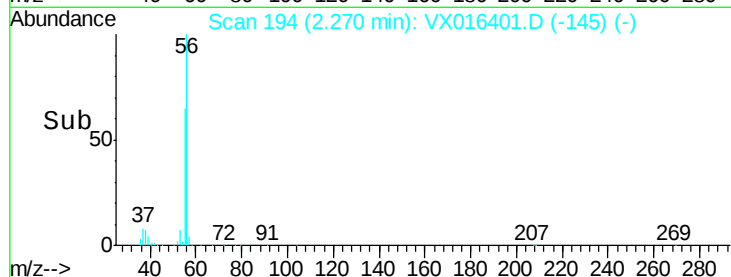
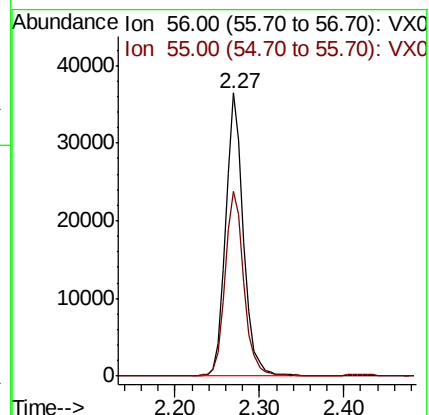
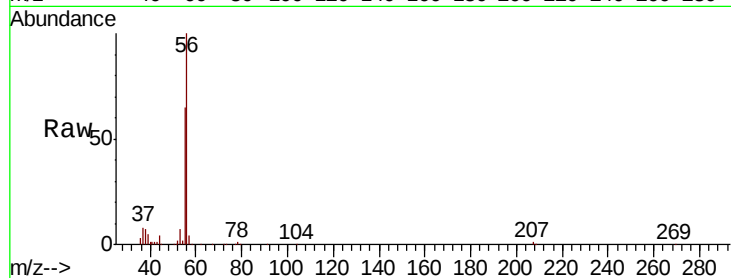
55 69.3 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 15.748 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

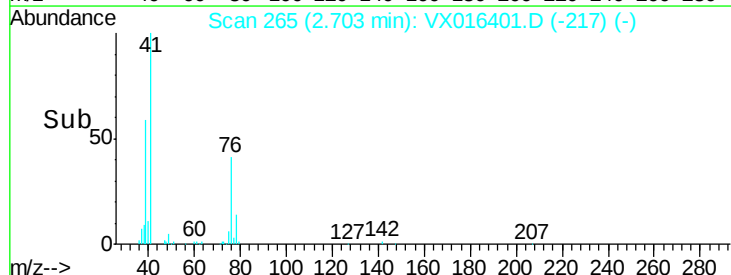
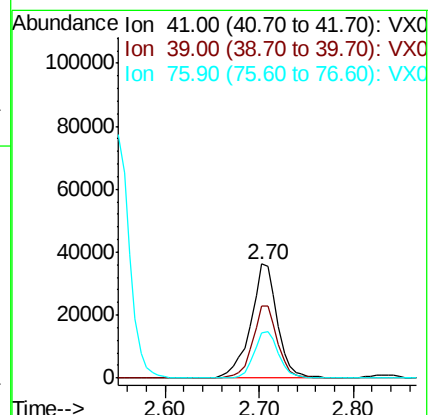
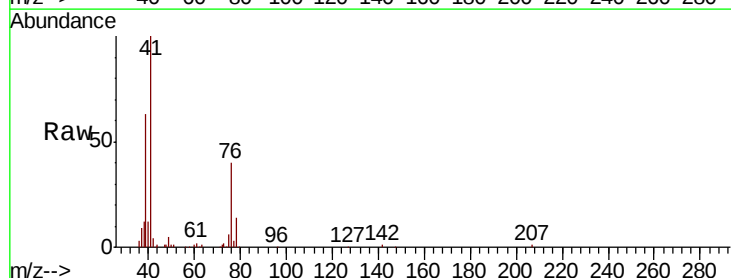
Tgt Ion: 41 Resp: 72225

Ion Ratio Lower Upper

41 100

39 59.3 50.5 75.7

76 37.7 26.6 40.0





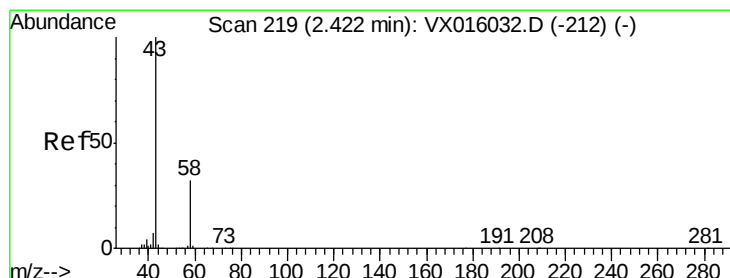
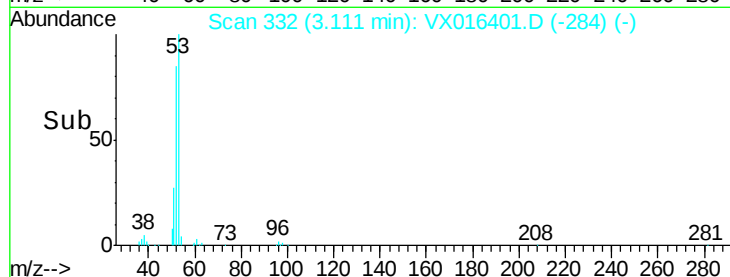
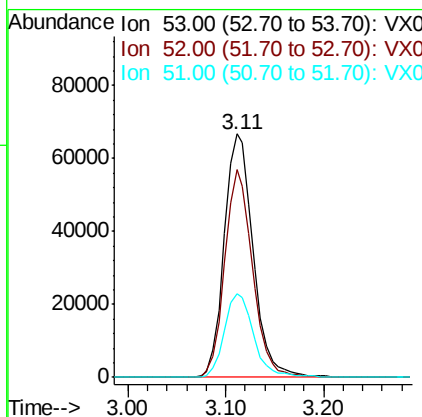
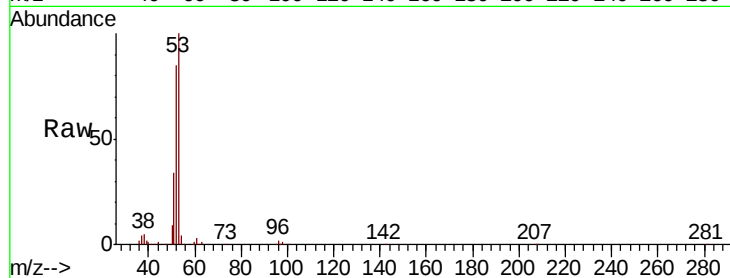
#15  
 Acrylonitrile  
 Concen: 82.504 ug/l  
 RT: 3.11 min Scan# 332  
 Delta R.T. -0.01 min  
 Lab File: VX016401.D  
 Acq: 22 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0522WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 137044 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.3  | 66.1  | 99.1   |
| 51       | 34.9  | 28.8  | 43.2   |

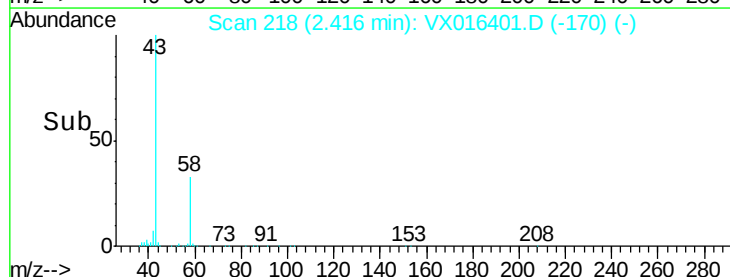
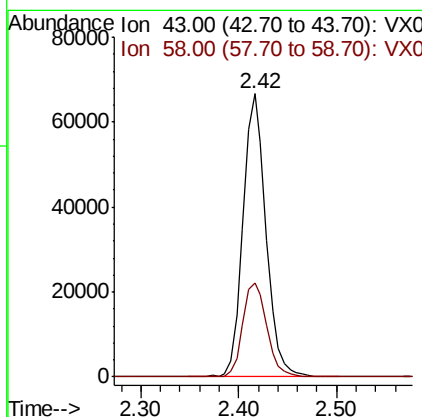
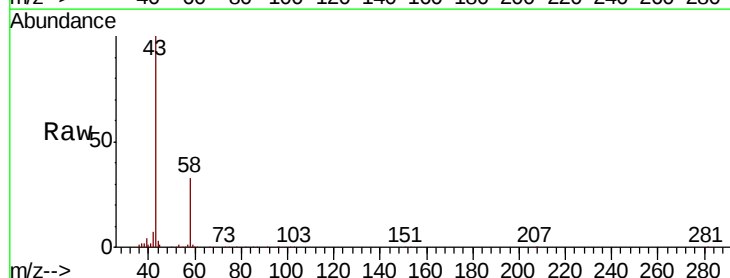
Manual Integrations  
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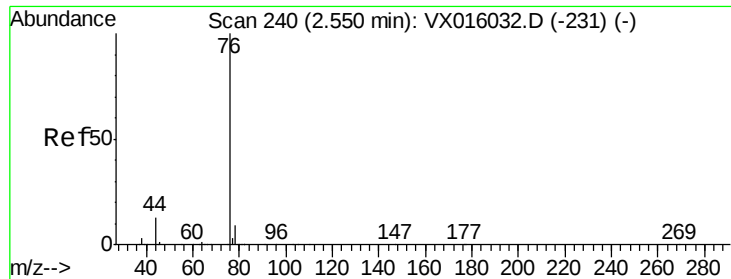
MMDadoda  
 5/26/2020 11:44:03 AM



#16  
 Acetone  
 Concen: 76.060 ug/l  
 RT: 2.42 min Scan# 218  
 Delta R.T. -0.01 min  
 Lab File: VX016401.D  
 Acq: 22 May 2020 10:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 107459 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 33.2  | 25.4  | 38.0   |





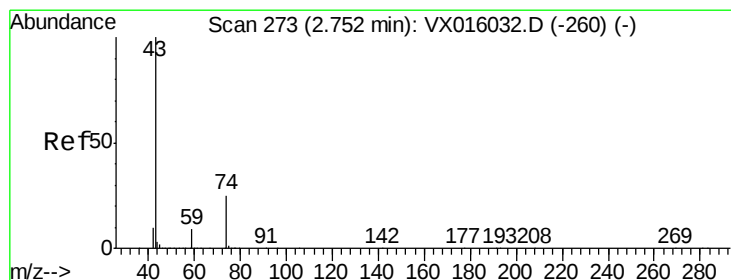
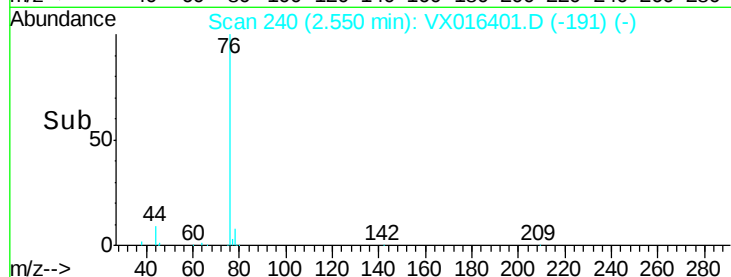
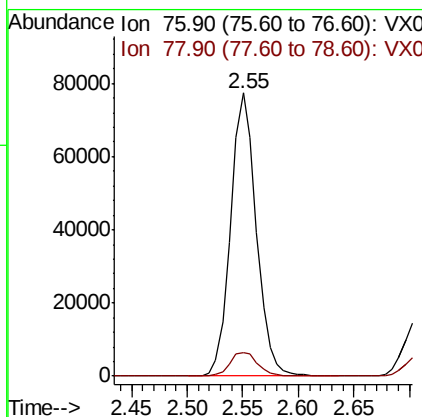
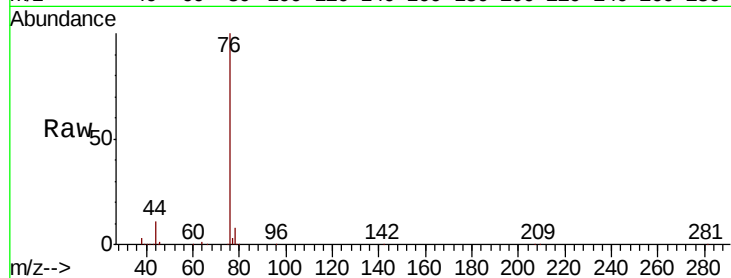
#17  
Carbon Disulfide  
Concen: 16.296 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.2   | 7.5   | 11.3  |

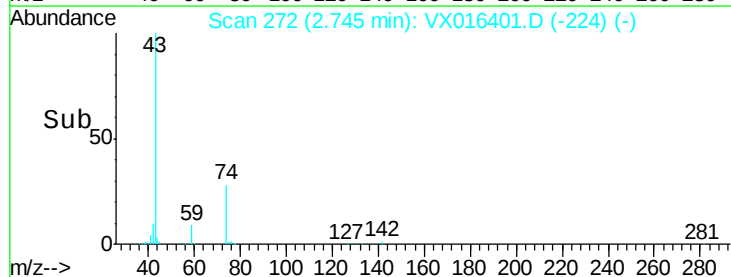
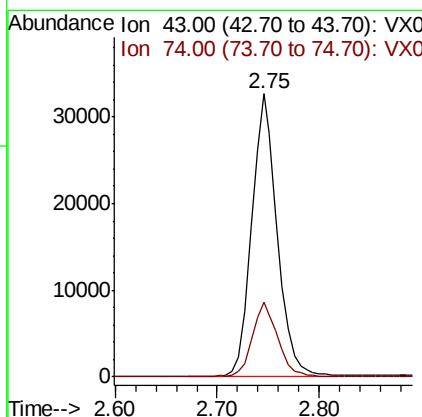
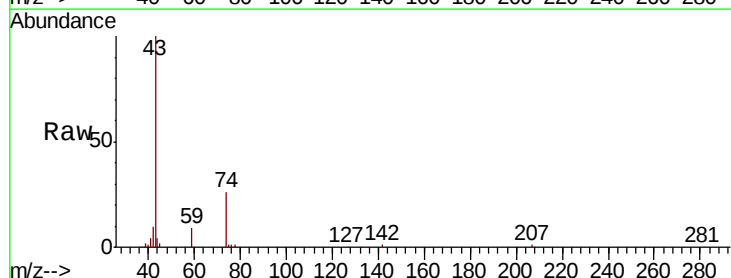
Manual Integrations  
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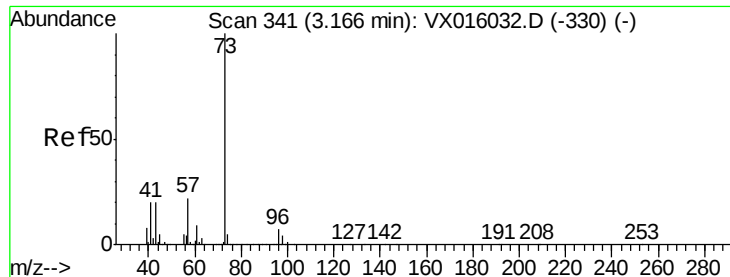
MMDadoda  
5/26/2020 11:44:03 AM



#18  
Methyl Acetate  
Concen: 16.421 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. -0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 26.7  | 20.2  | 30.2  |





#19

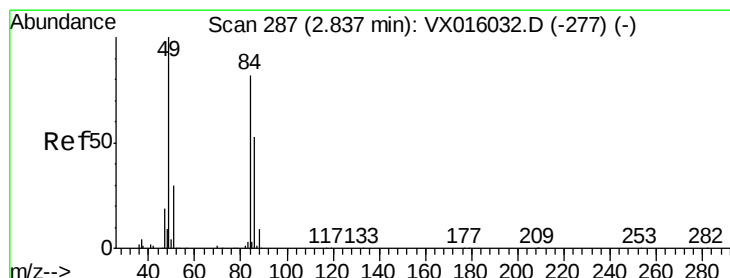
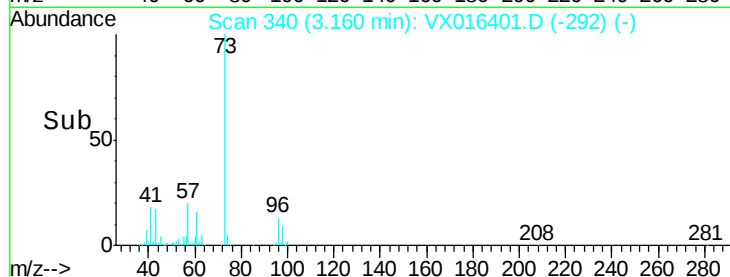
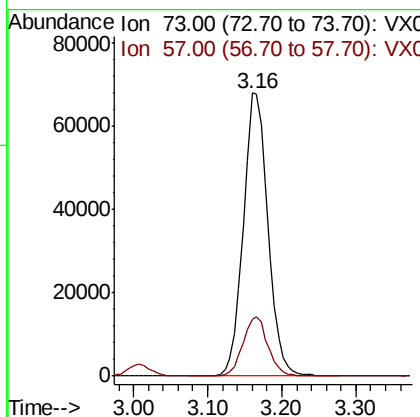
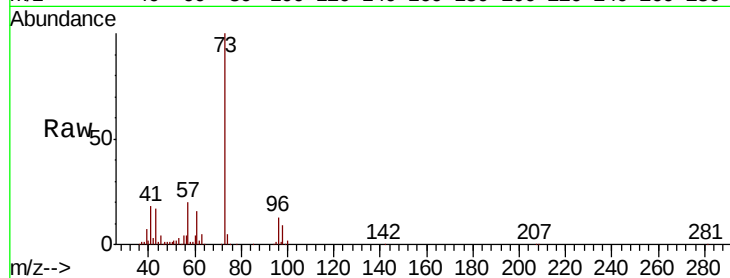
Methyl tert-butyl Ether  
 Concen: 18.282 ug/l  
 RT: 3.16 min Scan# 340  
 Delta R.T. -0.01 min  
 Lab File: VX016401.D  
 Acq: 22 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0522WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 19.9  | 17.8  | 26.6  |

Manual Integrations  
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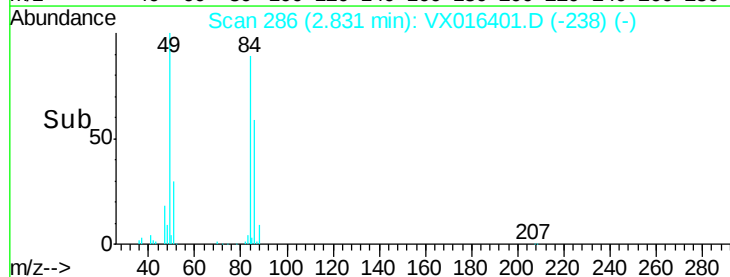
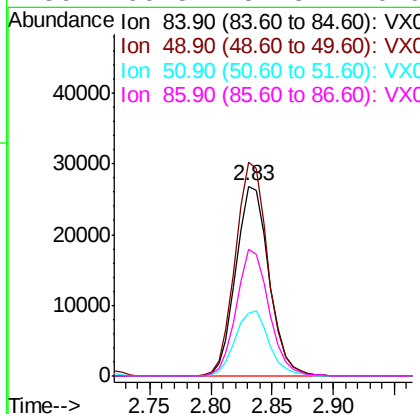
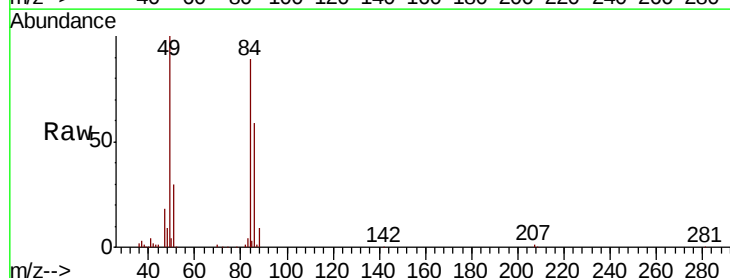
MMDadoda  
 5/26/2020 11:44:03 AM



#20

Methylene Chloride  
 Concen: 17.363 ug/l  
 RT: 2.83 min Scan# 286  
 Delta R.T. -0.01 min  
 Lab File: VX016401.D  
 Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 112.6 | 97.3  | 145.9 |
| 51      | 33.3  | 29.3  | 43.9  |
| 86      | 66.8  | 51.3  | 76.9  |





#21

trans-1,2-Dichloroethene

Concen: 17.711 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

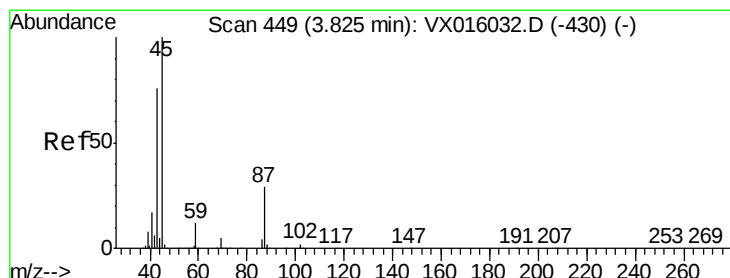
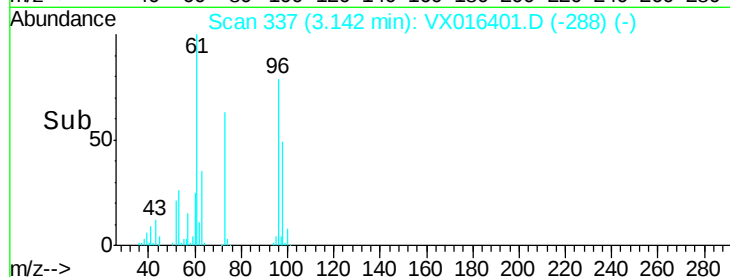
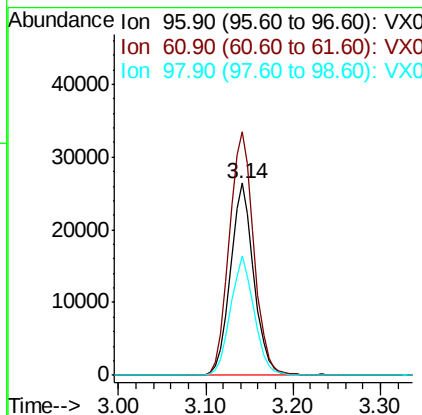
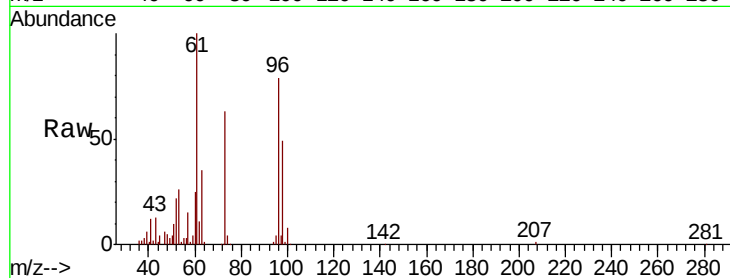
ClientSampleId :

VX0522WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 49368 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 126.8 | 111.2 | 166.8 |
| 98       | 62.3  | 50.2  | 75.4  |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 16.836 ug/l

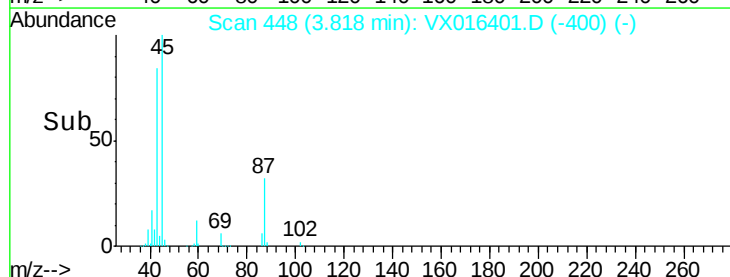
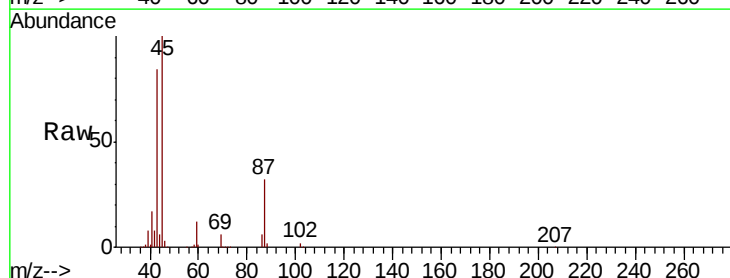
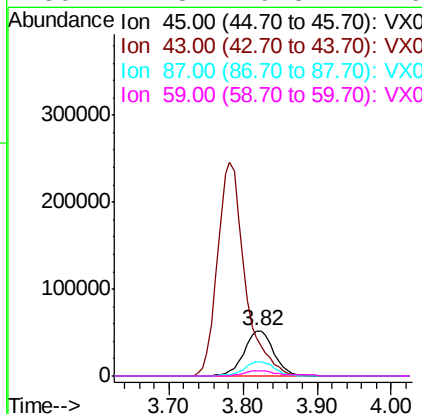
RT: 3.82 min Scan# 448

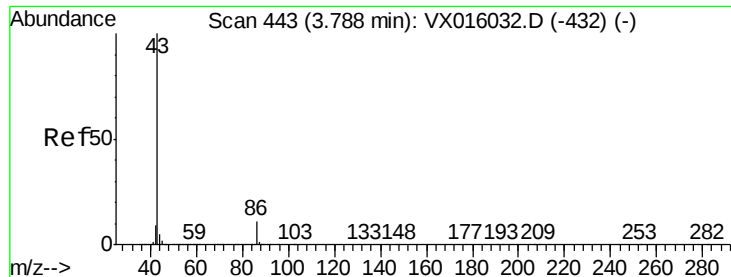
Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 145676 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 83.9  | 61.1  | 91.7   |
| 87       | 31.7  | 23.0  | 34.6   |
| 59       | 12.3  | 9.8   | 14.6   |





#23

Vinyl Acetate

Concen: 82.523 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion: 43 Resp: 628191

Ion Ratio Lower Upper

43 100

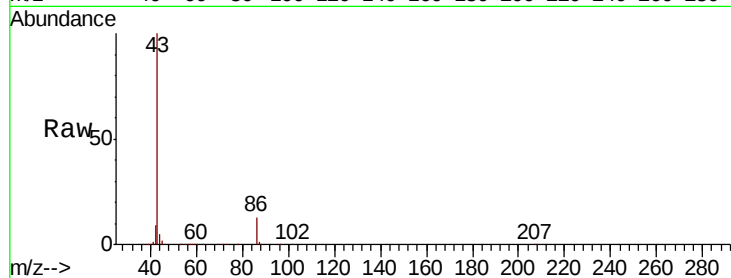
86 13.0 9.0 13.4

Manual Integrations

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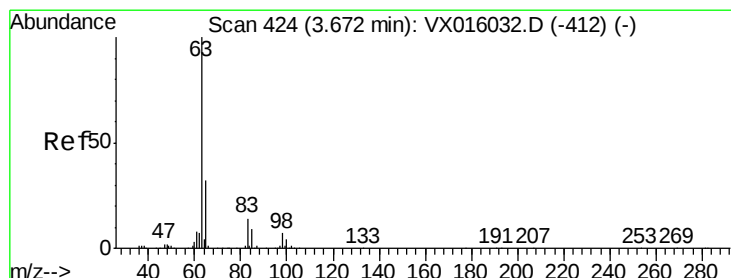
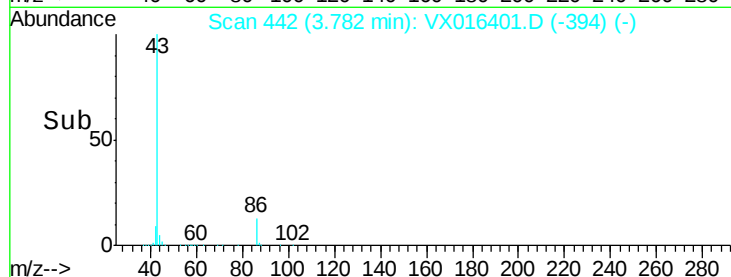
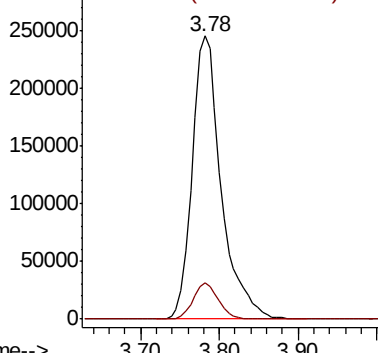
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.956 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

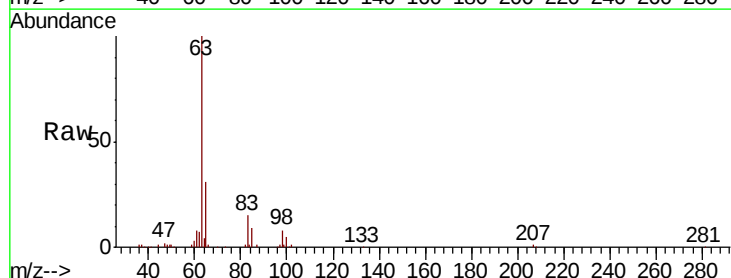
Tgt Ion: 63 Resp: 86909

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

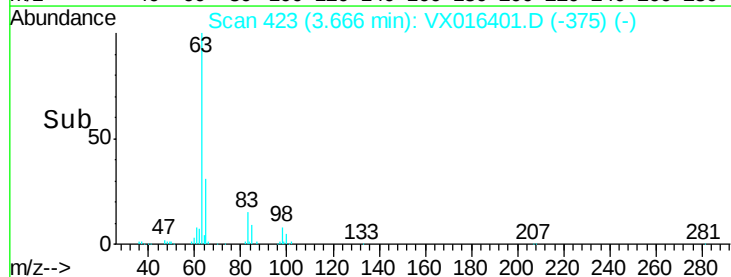
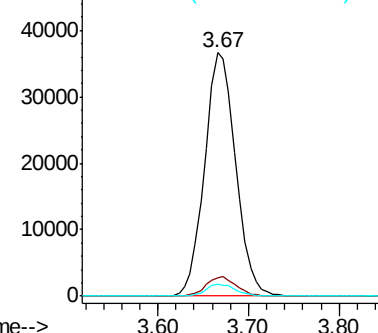
100 4.8 2.1 6.5

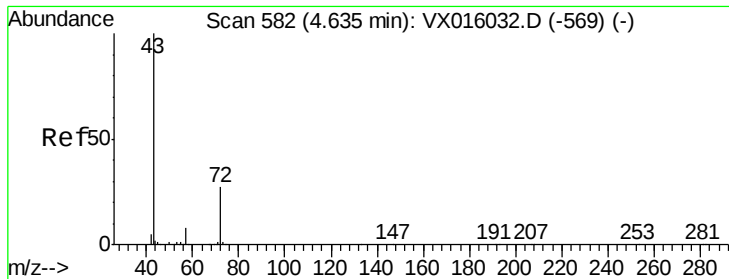


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 79.747 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion: 43 Resp: 181554

Ion Ratio Lower Upper

43 100

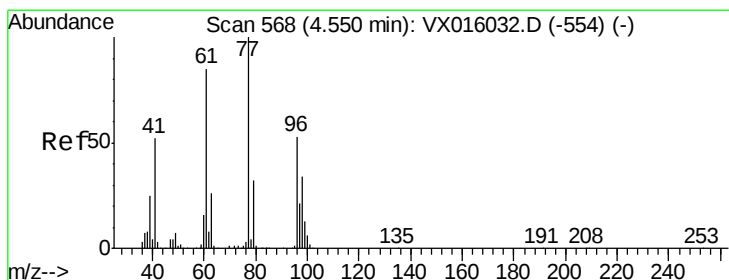
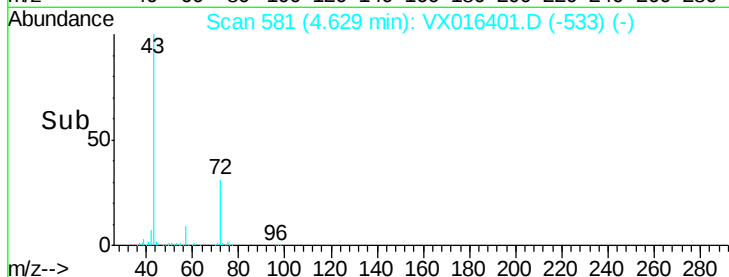
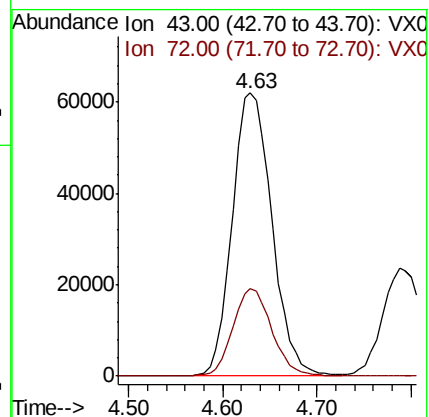
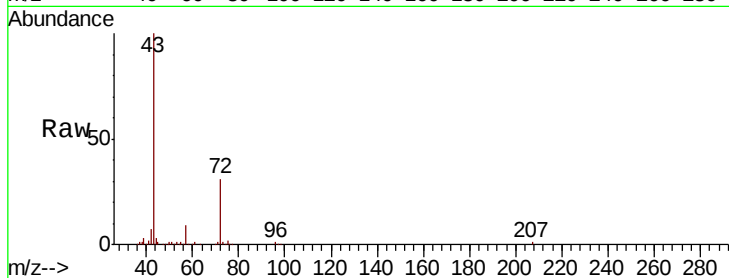
72 30.8 21.8 32.8

Manual Integrations

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5/26/2020 11:44:03 AM



#26

2,2-Dichloropropane

Concen: 17.896 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016401.D

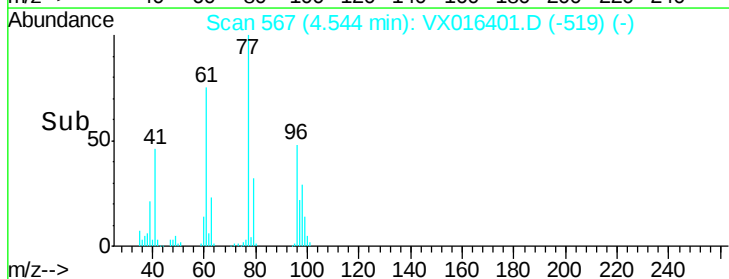
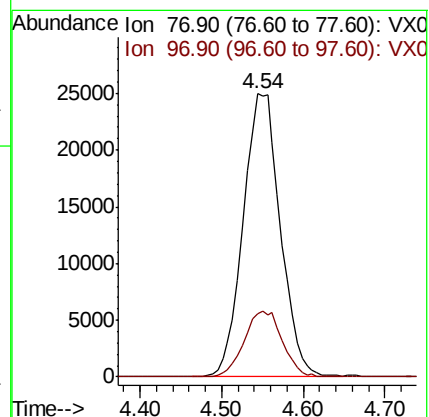
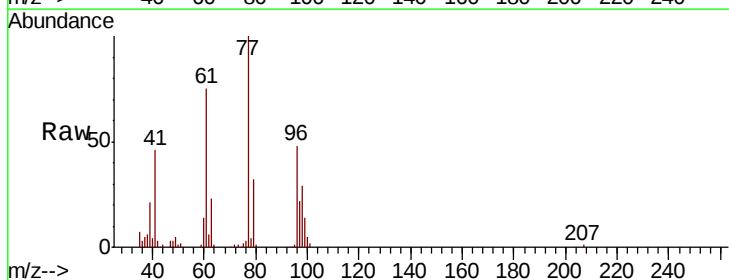
Acq: 22 May 2020 10:57

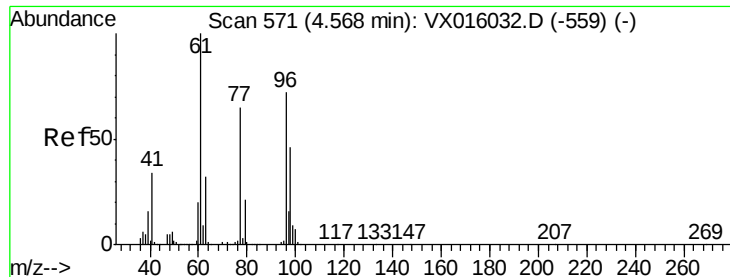
Tgt Ion: 77 Resp: 79107

Ion Ratio Lower Upper

77 100

97 23.9 11.2 33.6





#27

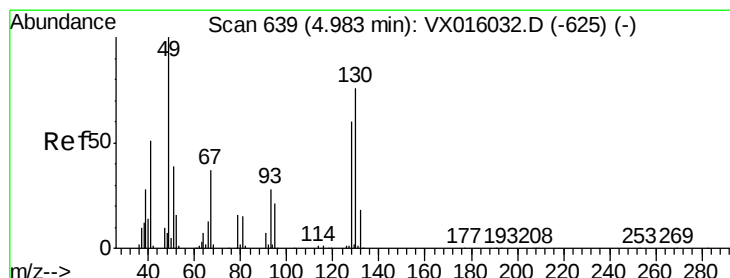
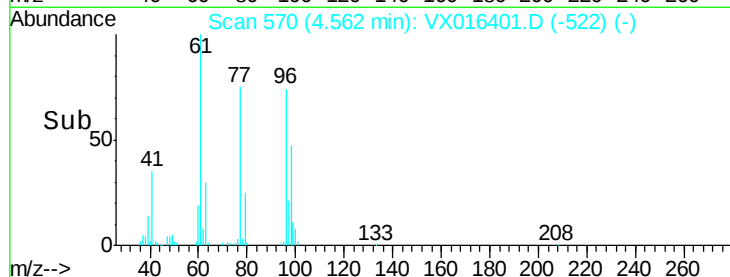
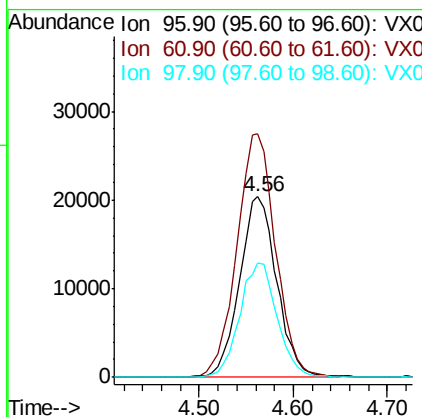
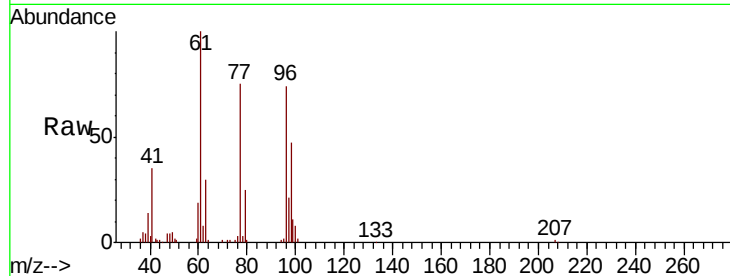
cis-1,2-Dichloroethene  
Concen: 18.531 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 56471 |       |       |
| 61      | 140.0 |       | 0.0   | 296.2 |
| 98      | 63.5  |       | 0.0   | 129.4 |

Manual Integrations  
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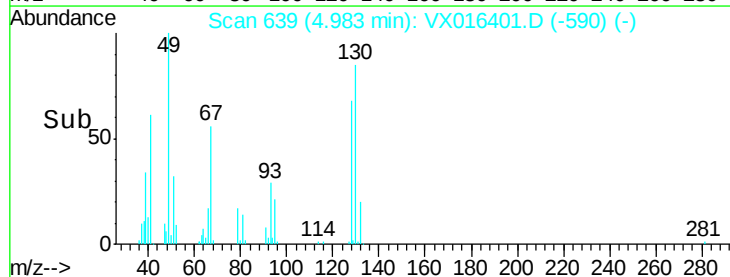
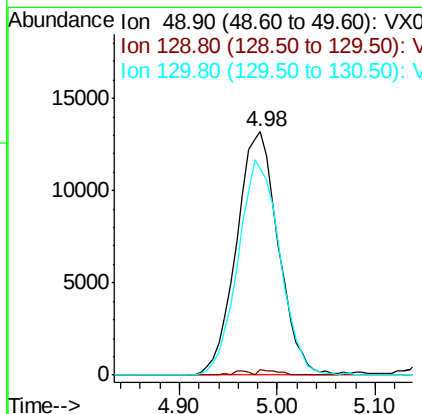
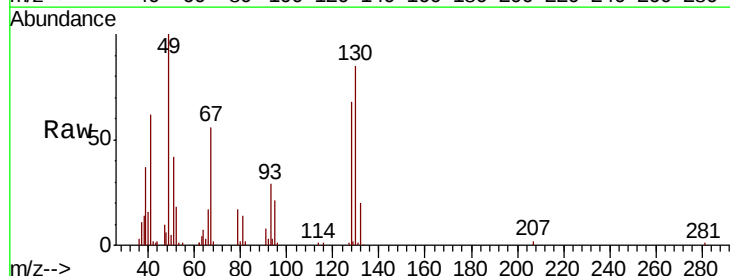
MMDadoda  
5/26/2020 11:44:03 AM

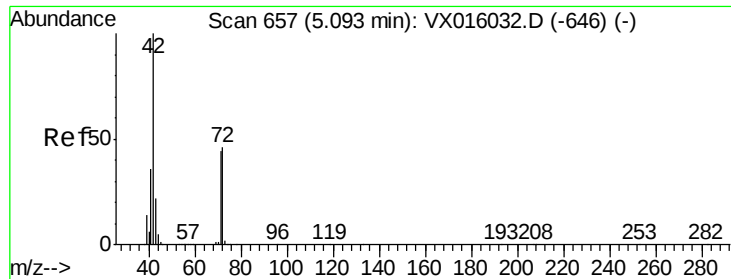


#28

Bromochloromethane  
Concen: 17.768 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. -0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 39214 |       |       |
| 129     | 1.0   |       | 0.0   | 4.0   |
| 130     | 88.1  |       | 62.4  | 93.6  |





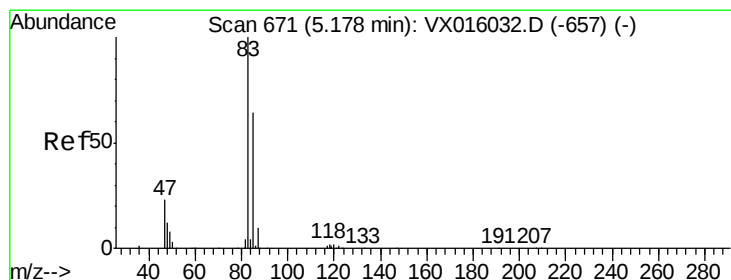
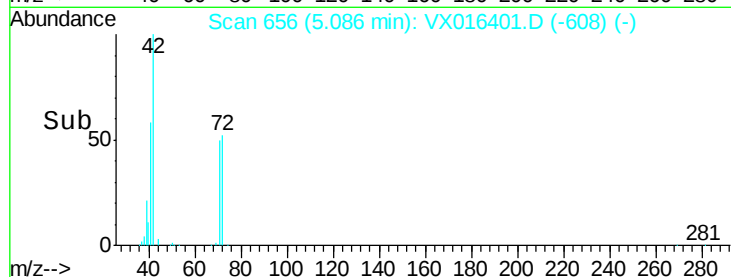
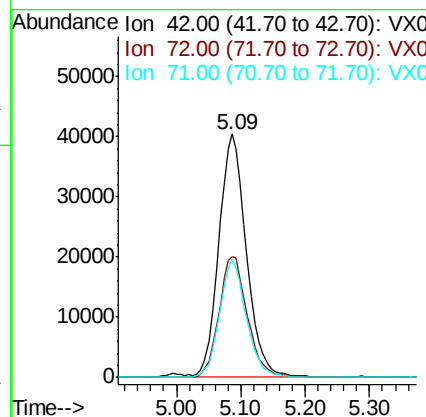
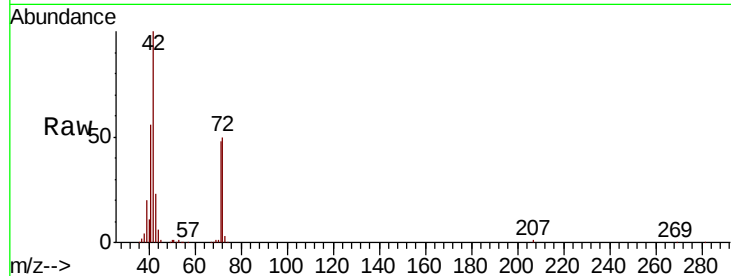
#29  
Tetrahydrofuran  
Concen: 80.271 ug/l  
RT: 5.09 min Scan# 656  
Delta R.T. -0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 51.6  | 37.1  | 55.7  |
| 71      | 47.2  | 34.5  | 51.7  |

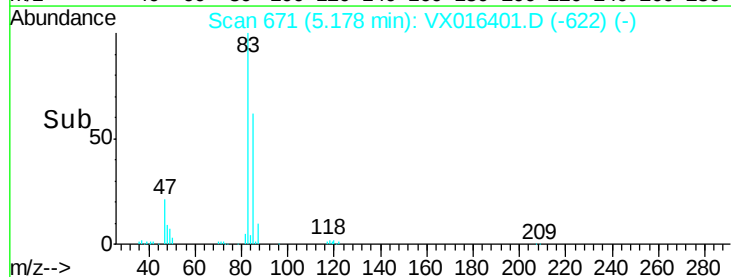
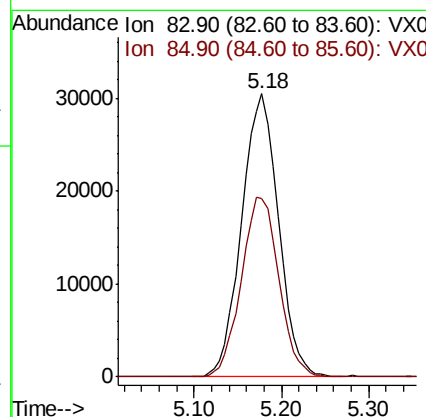
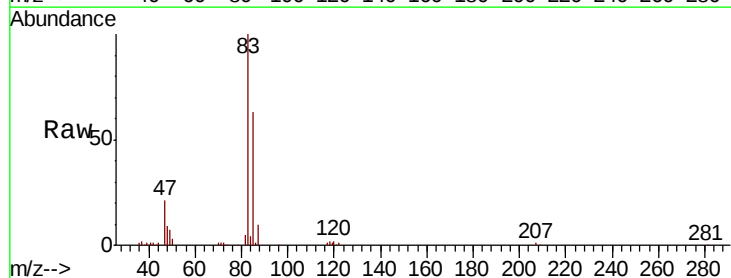
Manual Integrations  
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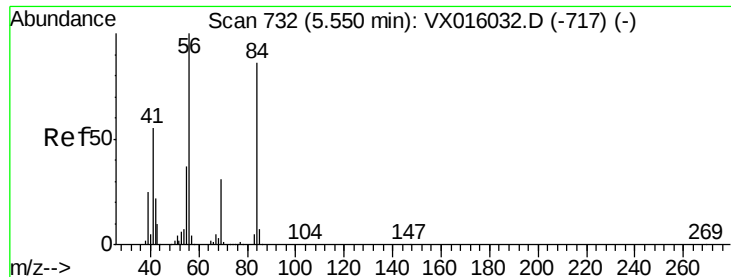
MMDadoda  
5/26/2020 11:44:03 AM



#30  
Chloroform  
Concen: 18.580 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.1  | 51.6  | 77.4  |





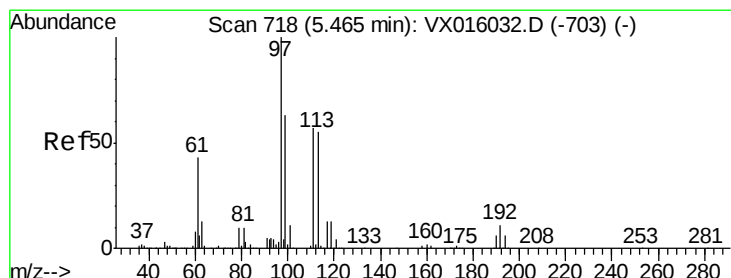
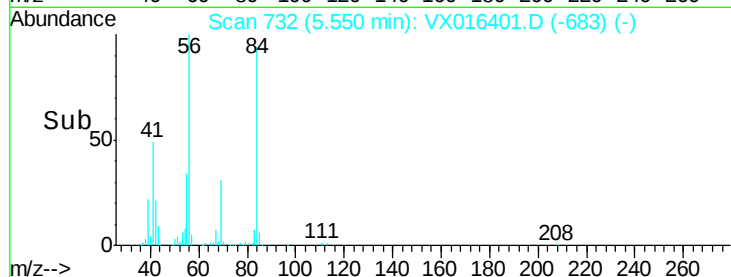
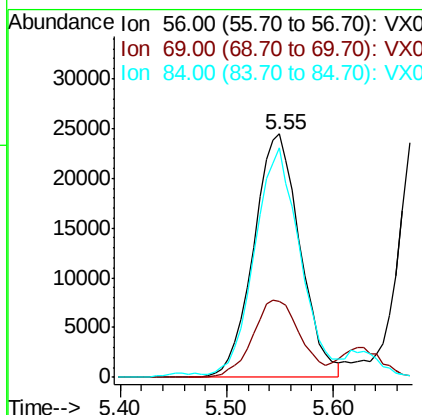
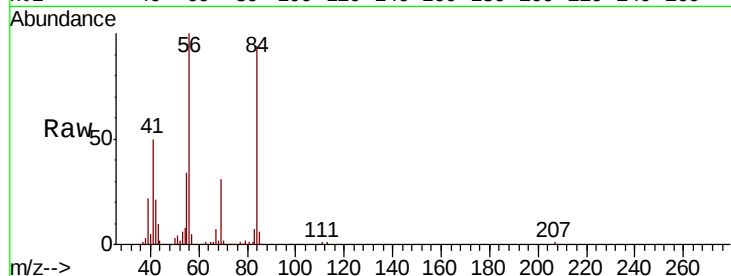
#31  
Cyclohexane  
Concen: 16.891 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. -0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 69      | 30.6 | 25.0  | 37.6  |       |
| 84      | 93.0 | 69.0  | 103.6 |       |

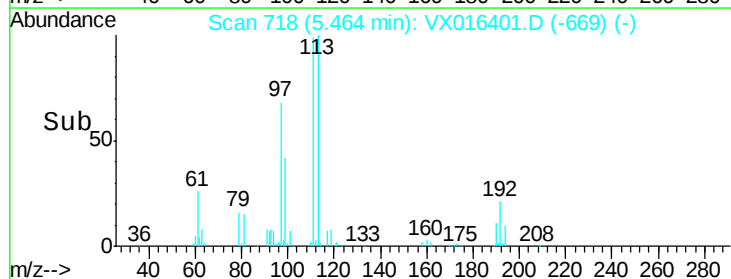
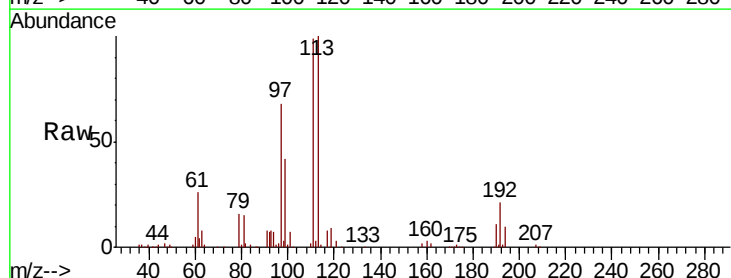
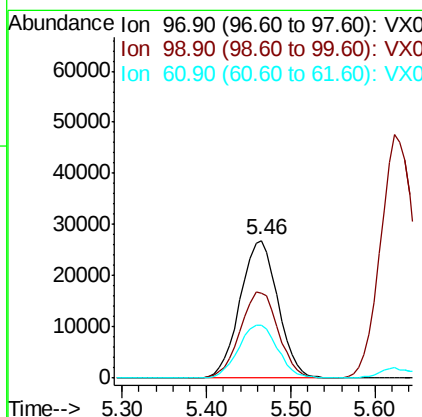
Manual Integrations  
APPROVED

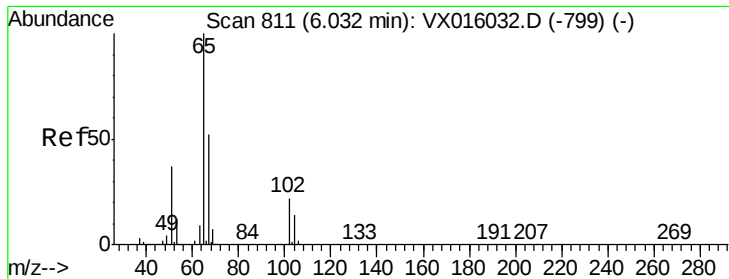
MMDadoda  
5/26/2020 11:44:03 AM



#32  
1,1,1-Trichloroethane  
Concen: 18.756 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 97      | 100  |       |       |       |
| 99      | 63.0 | 51.0  | 76.4  |       |
| 61      | 39.8 | 34.5  | 51.7  |       |





#33

1,2-Dichloroethane-d4

Concen: 42.194 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion: 65 Resp: 133605

Ion Ratio Lower Upper

65 100

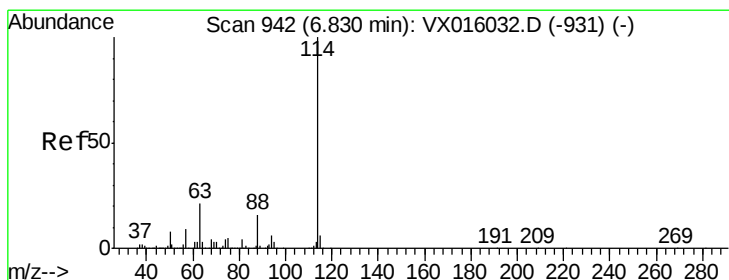
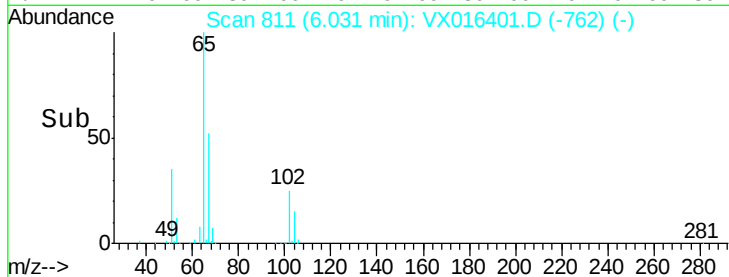
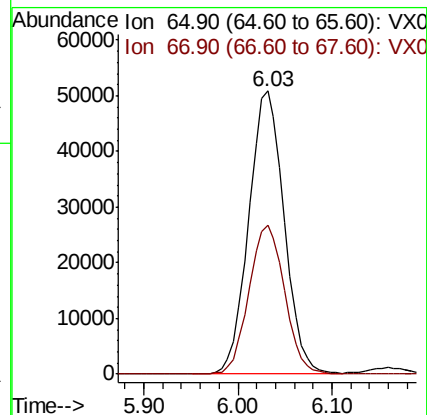
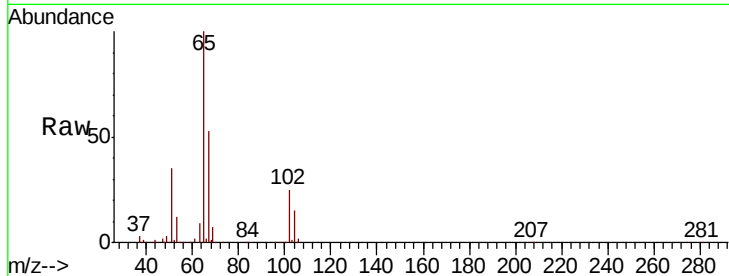
67 53.0 0.0 104.8

Manual Integrations

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5/26/2020 11:44:03 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

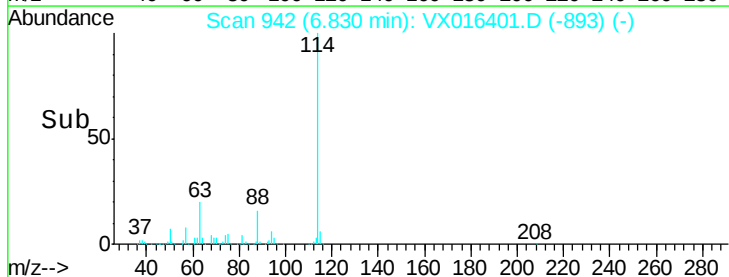
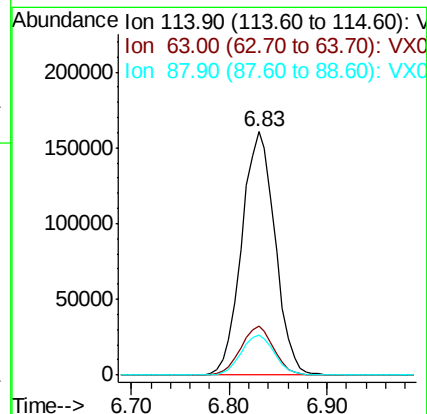
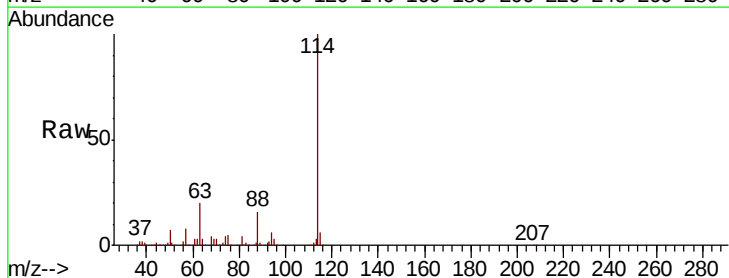
Tgt Ion: 114 Resp: 379373

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 16.3 0.0 31.4





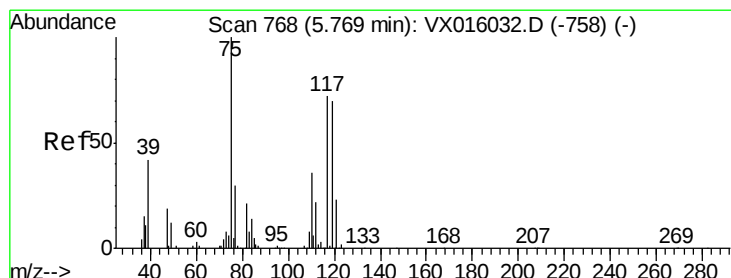
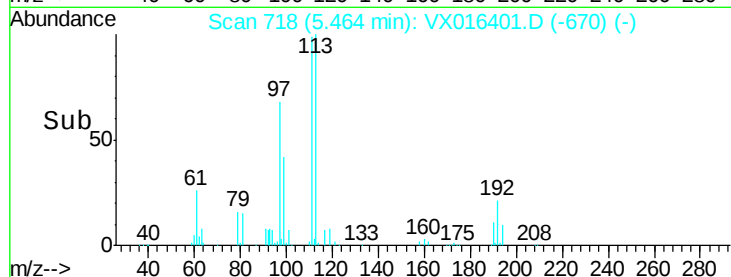
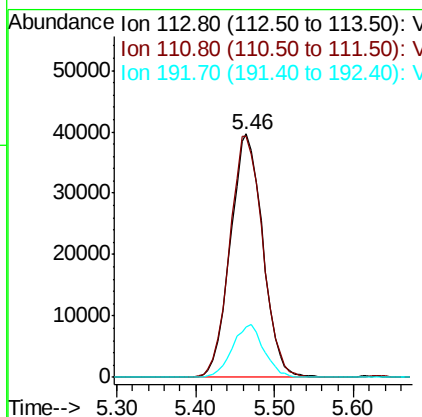
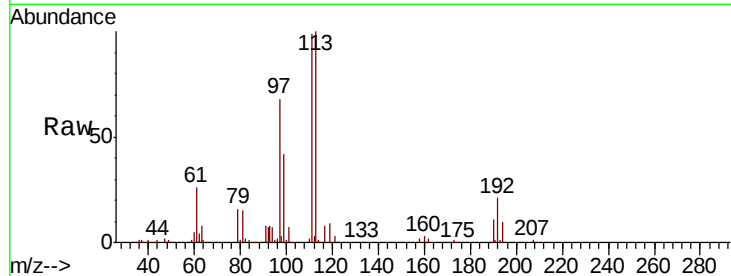
#35  
Dibromofluoromethane  
Concen: 47.142 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 113305 |       |       |
| 111     | 100.9 | 81.6   | 122.4 |       |
| 192     | 21.1  | 17.0   | 25.4  |       |

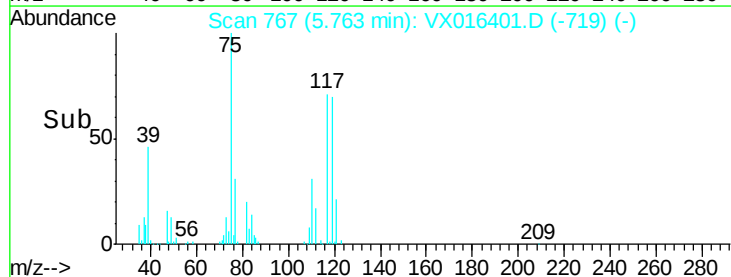
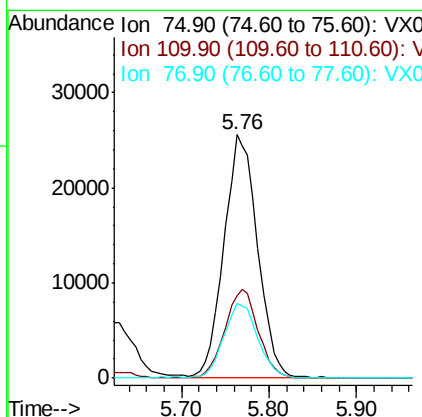
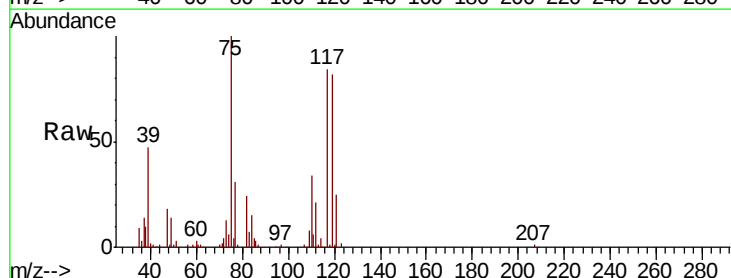
Manual Integrations  
APPROVED

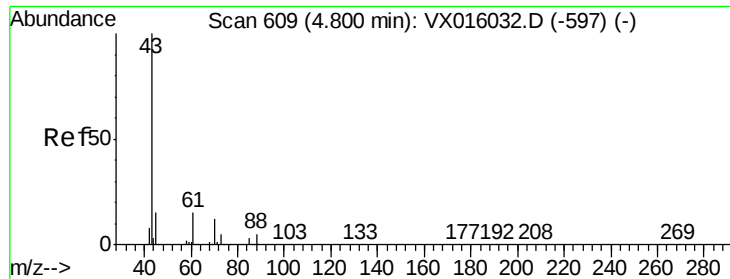
MMDadoda  
5/26/2020 11:44:03 AM



#36  
1,1-Dichloropropene  
Concen: 18.169 ug/l  
RT: 5.76 min Scan# 767  
Delta R.T. -0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 67849 |       |       |
| 110     | 36.4  | 18.1  | 54.1  |       |
| 77      | 31.4  | 25.0  | 37.6  |       |





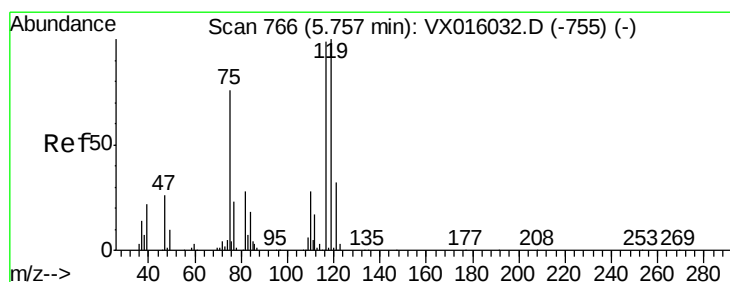
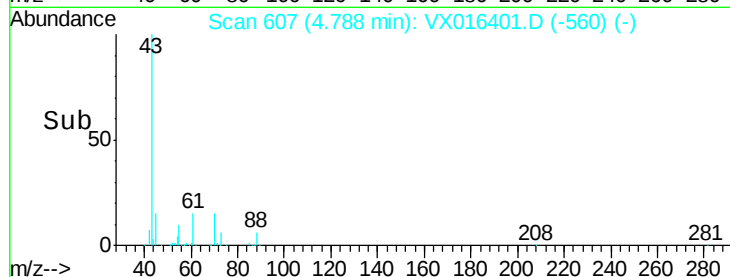
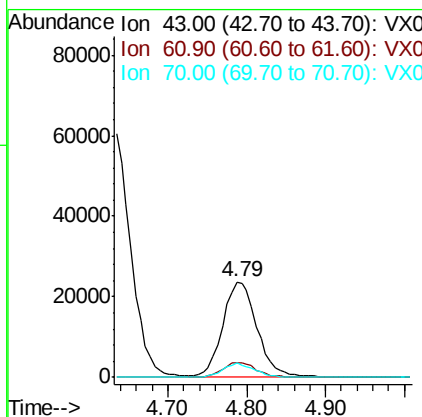
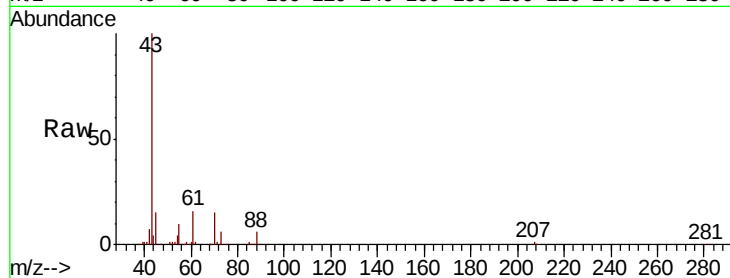
#37  
Ethyl Acetate  
Concen: 16.361 ug/l  
RT: 4.79 min Scan# 607  
Delta R.T. -0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.8  | 11.7  | 17.5  |
| 70      | 13.7  | 9.3   | 13.9  |

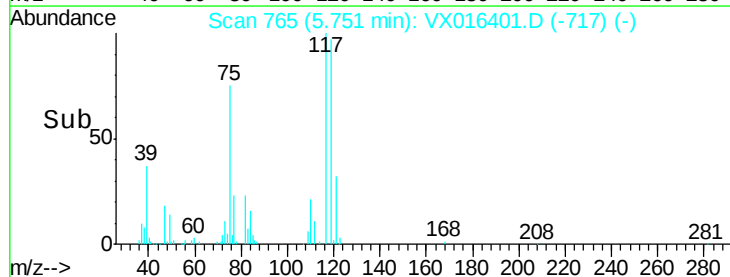
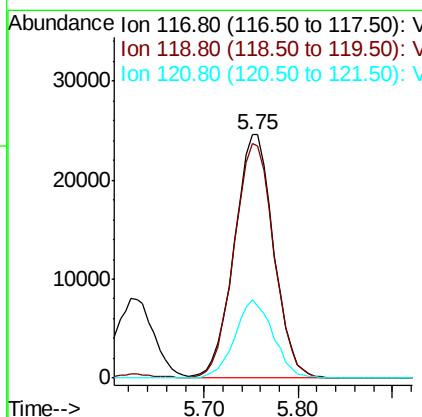
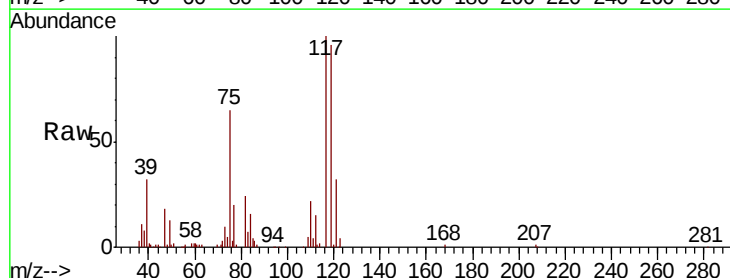
Manual Integrations  
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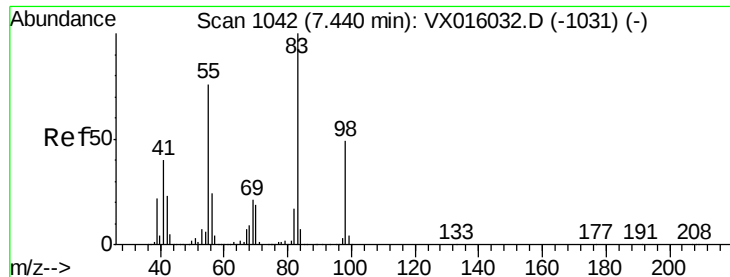
MMDadoda  
5/26/2020 11:44:03 AM



#38  
Carbon Tetrachloride  
Concen: 18.960 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.4  | 80.3  | 120.5 |
| 121     | 32.1  | 25.7  | 38.5  |





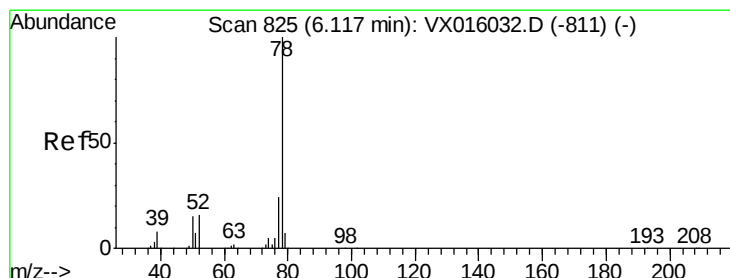
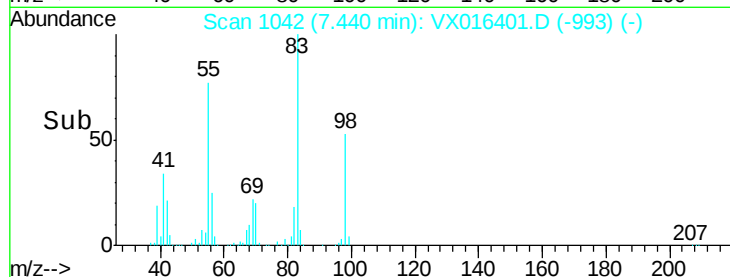
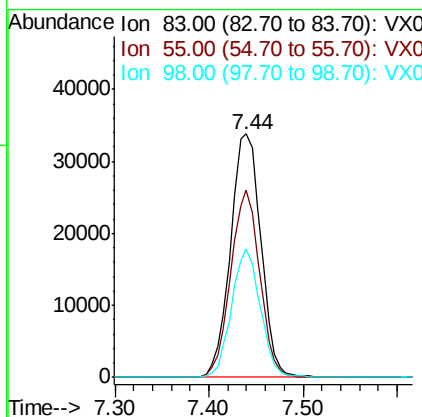
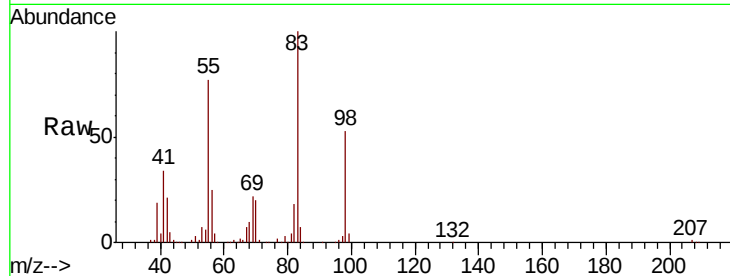
#39  
Methylvlcyclohexane  
Concen: 16.933 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 77.0  | 61.1  | 91.7  |
| 98      | 52.7  | 39.0  | 58.4  |

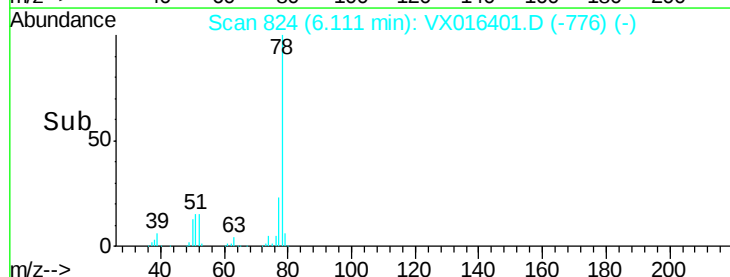
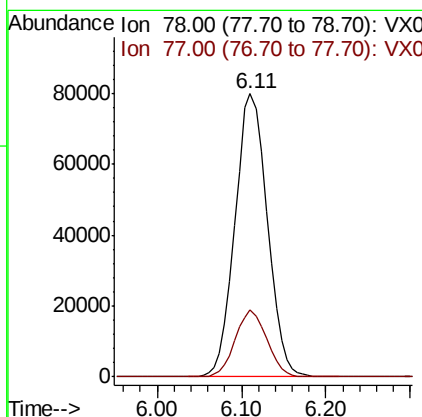
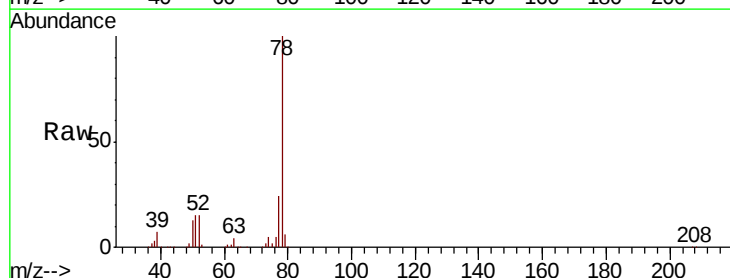
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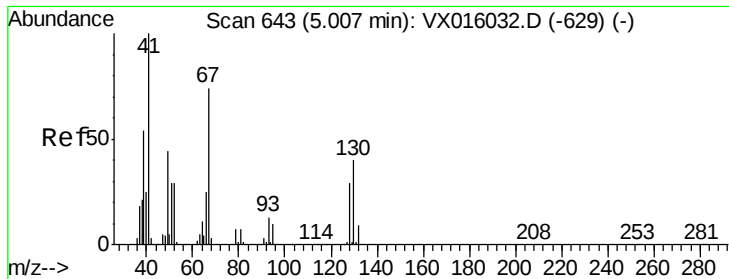
MMDadoda  
5/26/2020 11:44:03 AM



#40  
Benzene  
Concen: 19.004 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.5  | 19.0  | 28.4  |





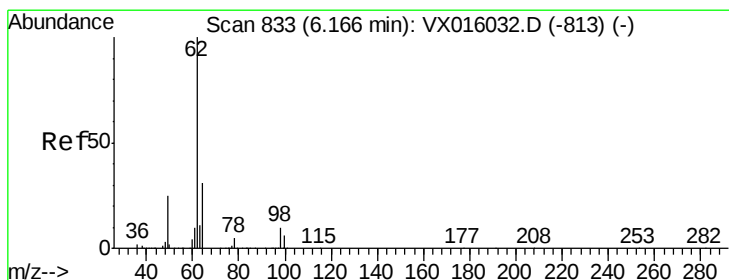
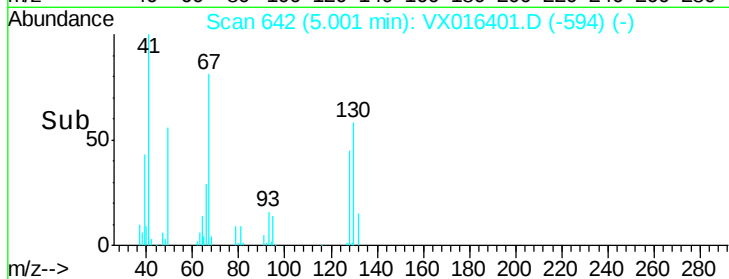
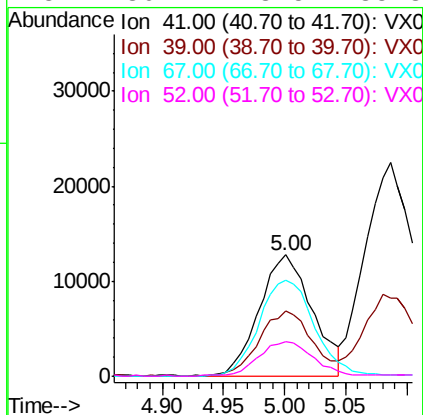
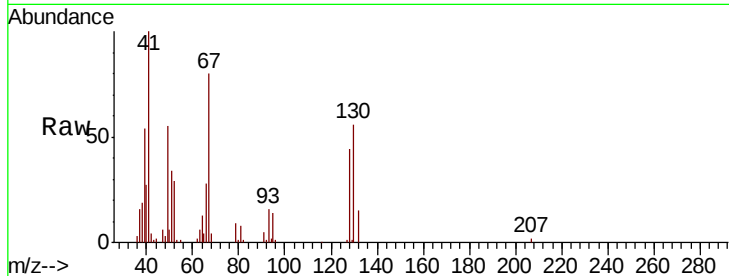
#41  
Methacrylonitrile  
Concen: 16.511 ug/l  
RT: 5.00 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 41      | 100  |       | 38594 |       |       |
| 39      | 54.1 | 43.2  | 64.8  |       |       |
| 67      | 82.9 | 59.3  | 88.9  |       |       |
| 52      | 30.2 | 23.5  | 35.3  |       |       |

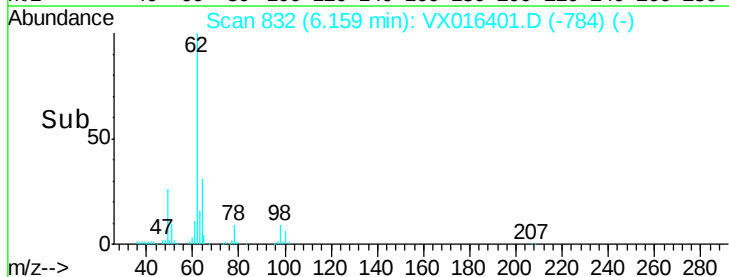
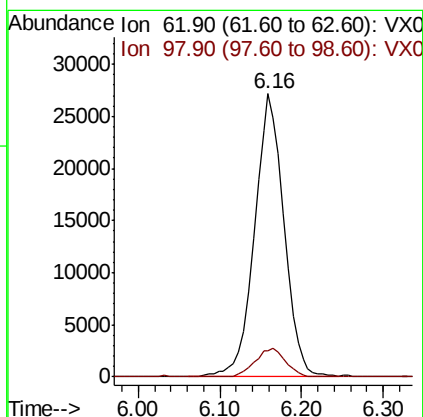
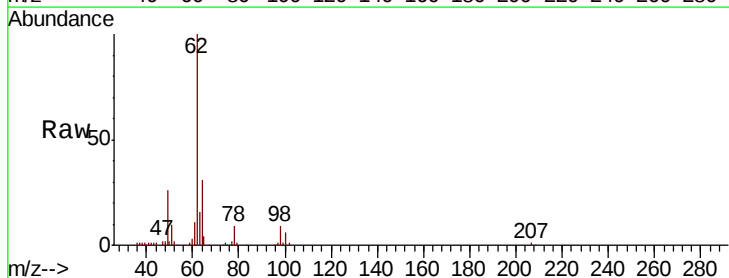
Manual Integrations  
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#42  
1,2-Dichloroethane  
Concen: 17.438 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 62      | 100  |       | 68639 |       |       |
| 98      | 10.5 | 0.0   | 19.4  |       |       |





#43

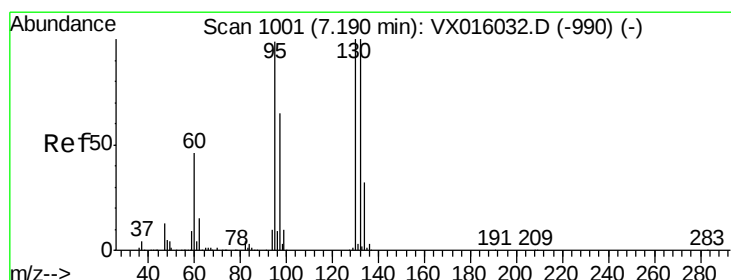
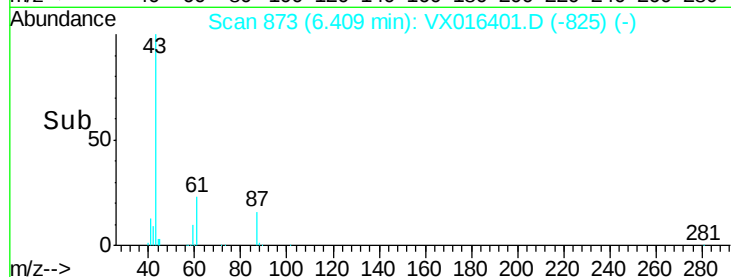
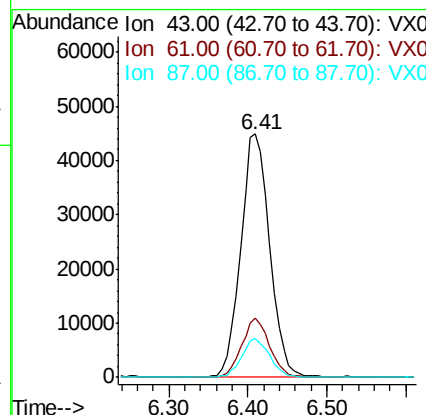
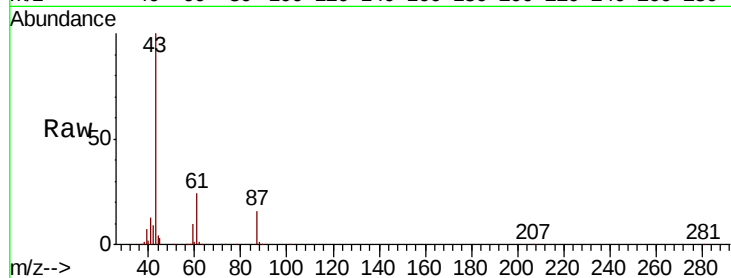
Isopropyl Acetate  
 Concen: 16.491 ug/l  
 RT: 6.41 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: VX016401.D  
 Acq: 22 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0522WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 23.5  | 17.0  | 25.4  |
| 87      | 15.4  | 11.0  | 16.6  |

Manual Integrations  
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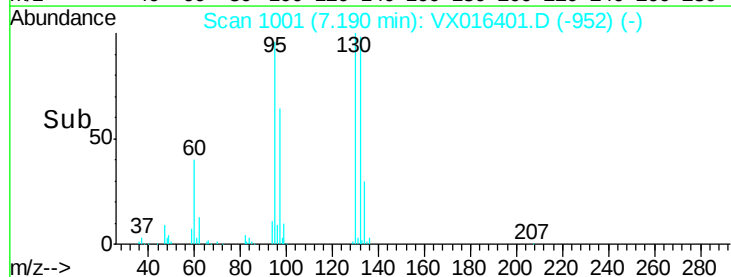
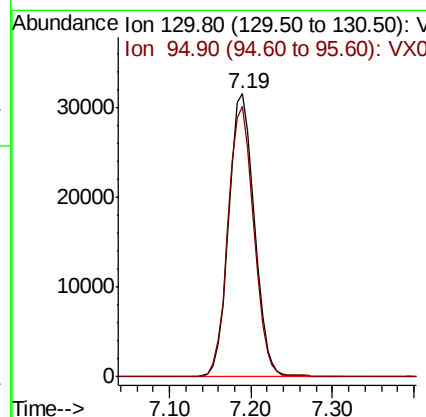
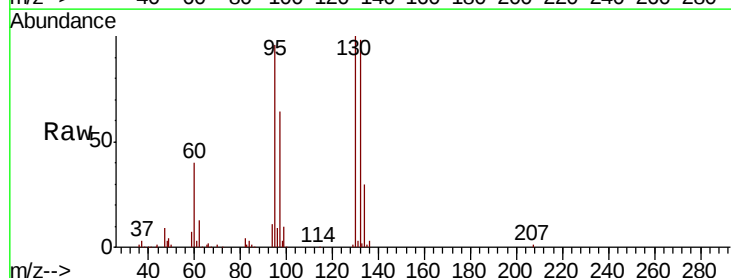
MMDadoda  
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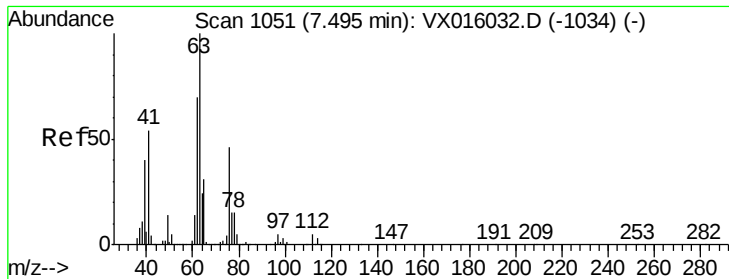


#44

Trichloroethene  
 Concen: 17.701 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: VX016401.D  
 Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 95.8  | 0.0   | 197.4 |





#45

1,2-Dichloropropane

Concen: 18.836 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion: 63 Resp: 52079

Ion Ratio Lower Upper

63 100

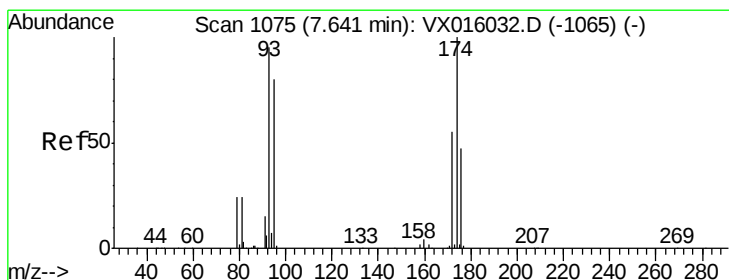
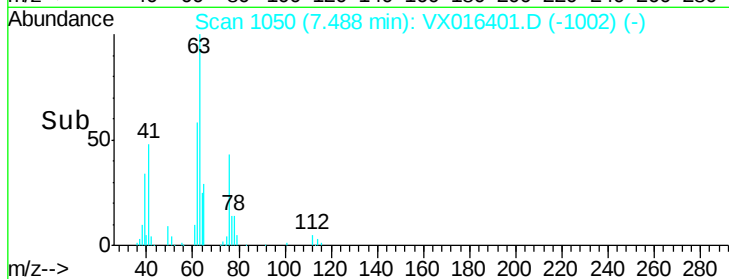
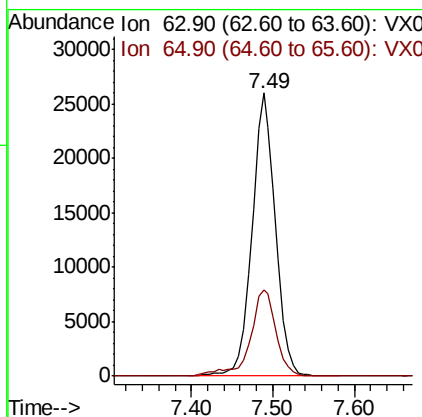
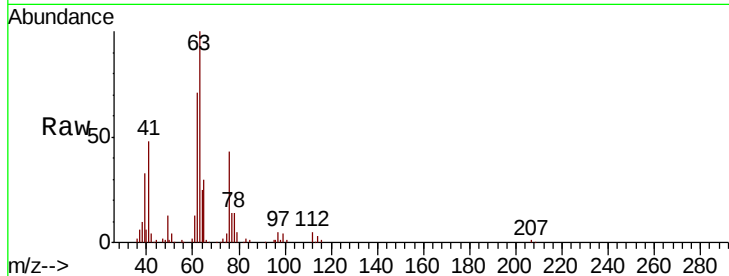
65 30.5 24.4 36.6

Manual Integrations

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5/26/2020 11:44:03 AM



#46

Dibromomethane

Concen: 18.832 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

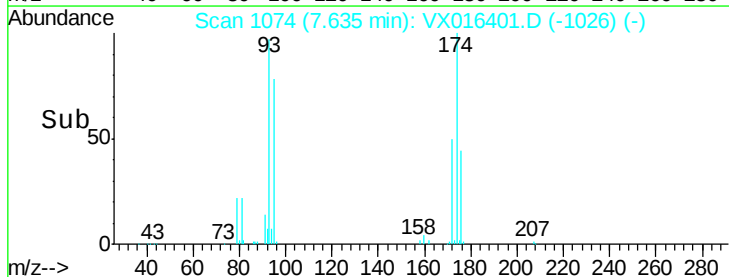
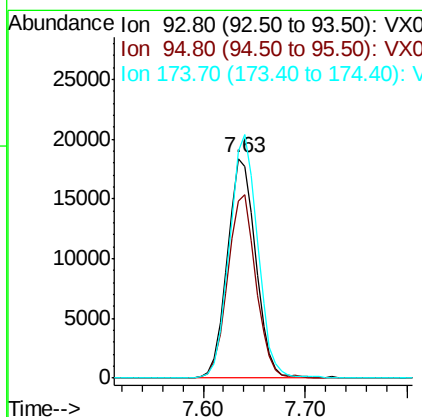
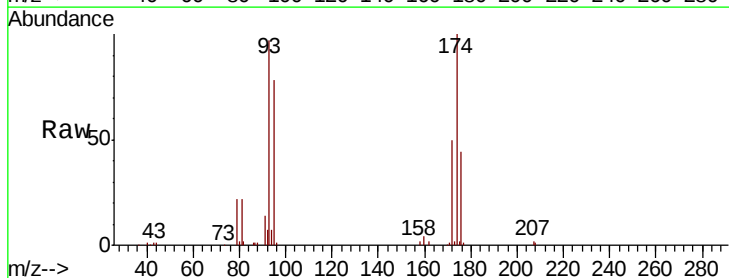
Tgt Ion: 93 Resp: 35383

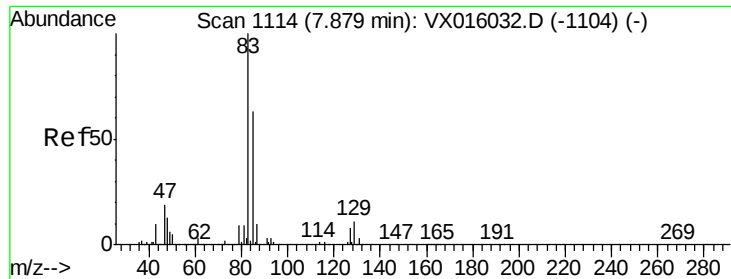
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 109.5 84.2 126.4





#47

Bromodichloromethane

Concen: 18.821 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

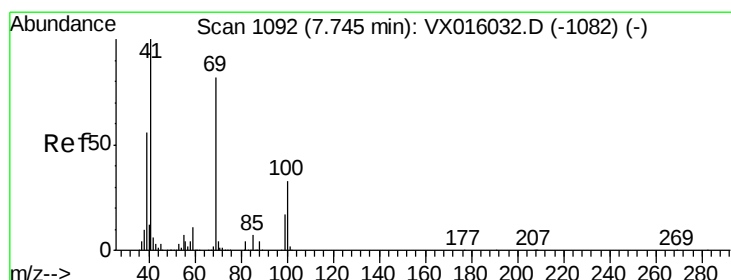
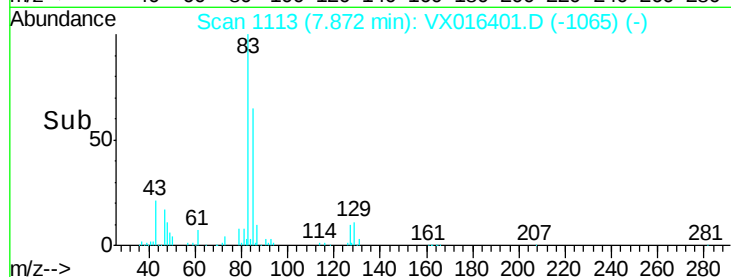
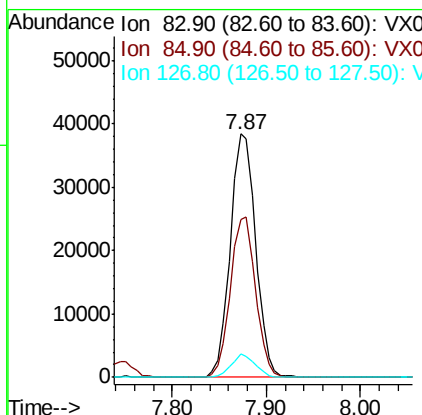
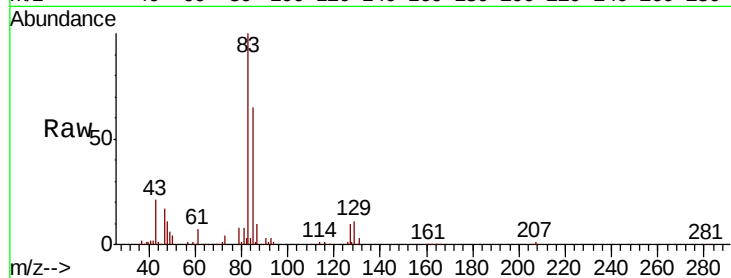
ClientSampleId :

VX0522WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 72023 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.6  | 50.5  | 75.7  |
| 127      | 9.6   | 6.7   | 10.1  |

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#48

Methyl methacrylate

Concen: 16.301 ug/l

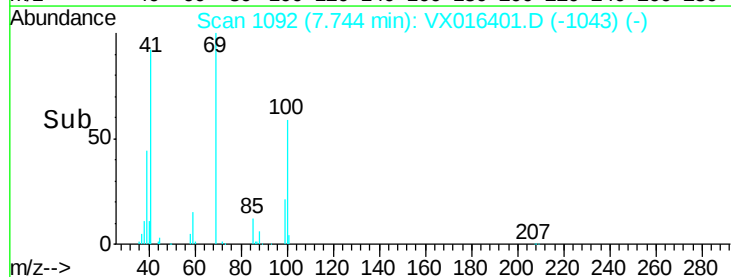
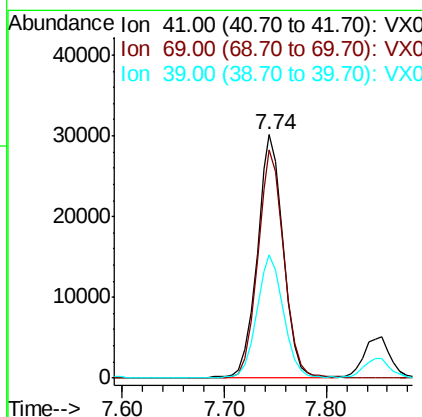
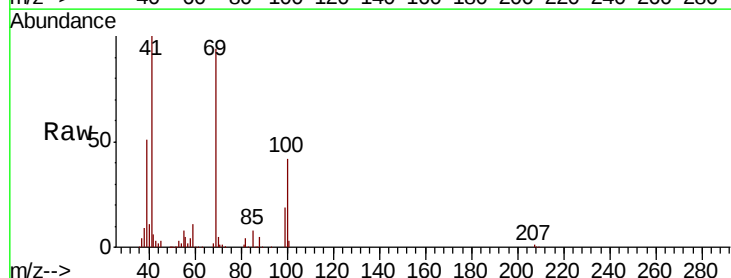
RT: 7.74 min Scan# 1092

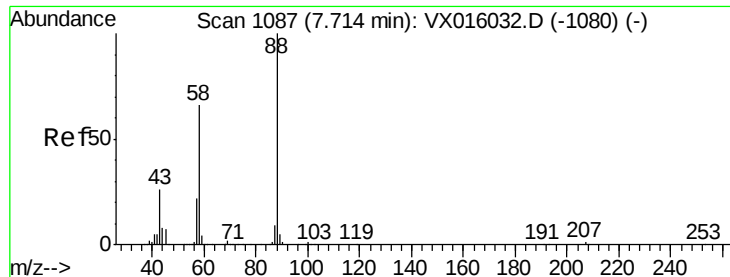
Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 53341 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 94.0  | 67.8  | 101.6 |
| 39       | 52.4  | 44.6  | 67.0  |





#49

1,4-Dioxane

Concen: 343.774 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

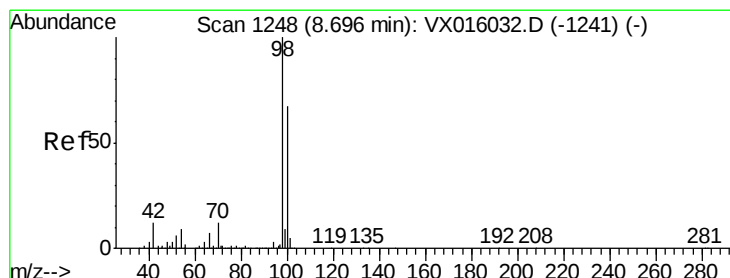
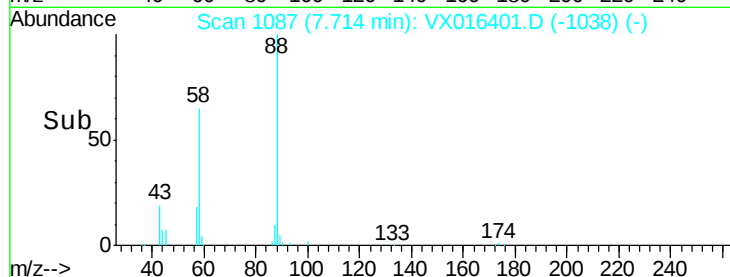
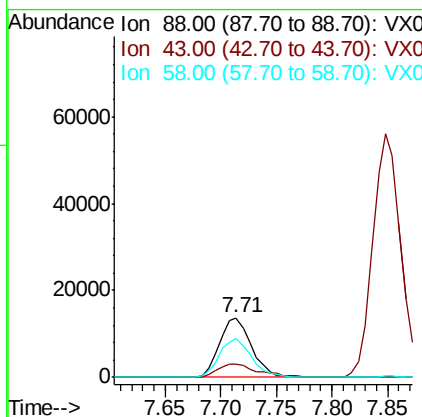
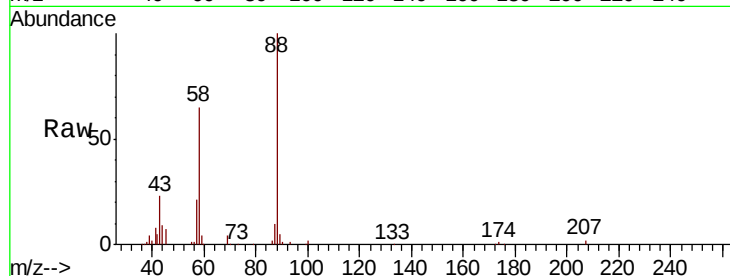
ClientSampleId :

VX0522WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 26980 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 29.0  | 25.3  | 37.9  |
| 58       | 67.2  | 55.9  | 83.9  |

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#50

Toluene-d8

Concen: 46.905 ug/l

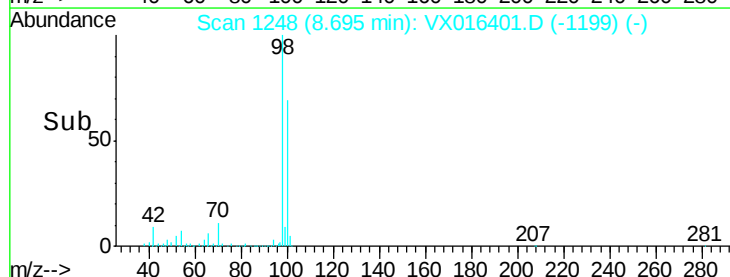
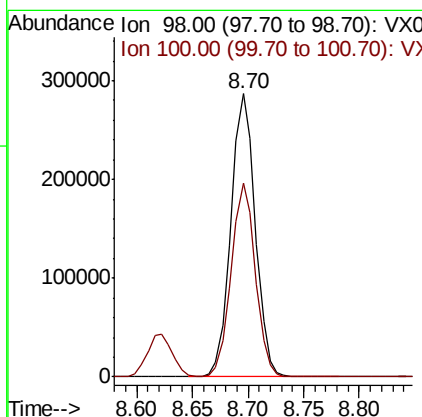
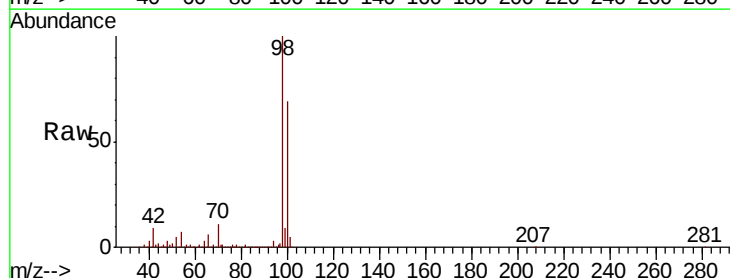
RT: 8.70 min Scan# 1248

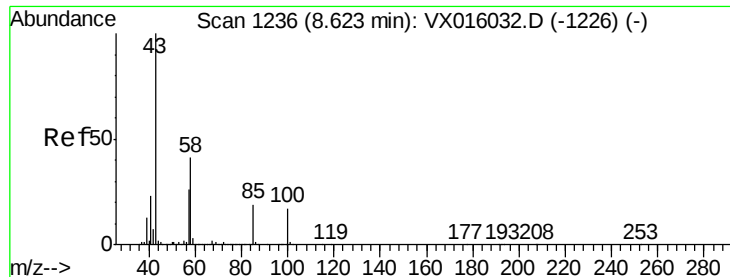
Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 434374 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 67.7  | 53.7  | 80.5   |





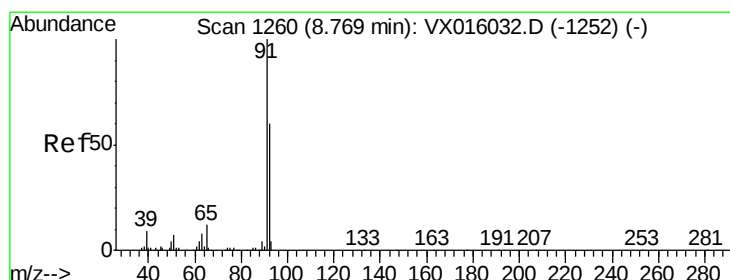
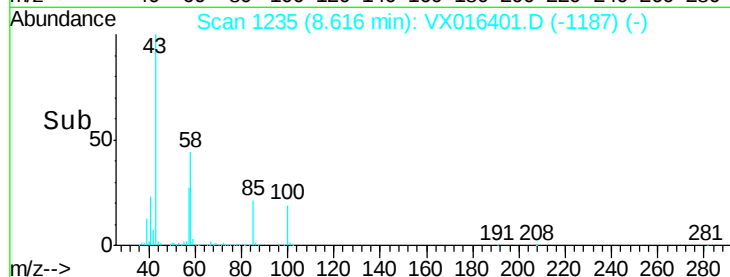
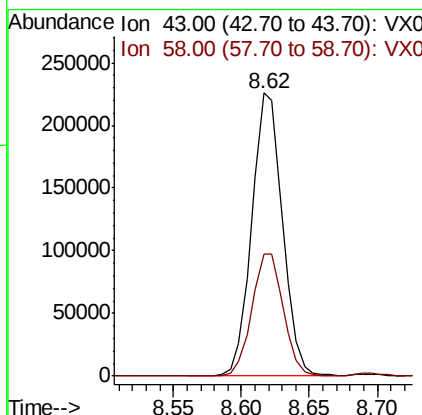
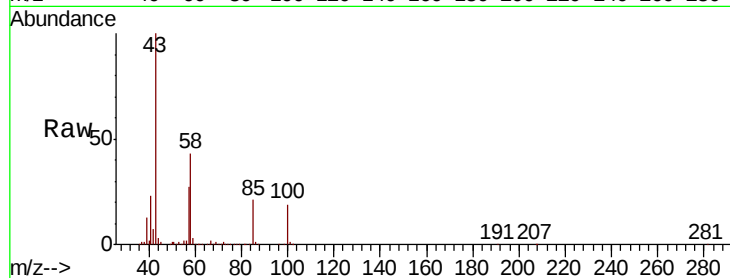
#51  
4-Methyl-2-Pentanone  
Concen: 84.979 ug/l  
RT: 8.62 min Scan# 1235  
Delta R.T. -0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0522WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 44.1  | 33.0  | 49.4  |

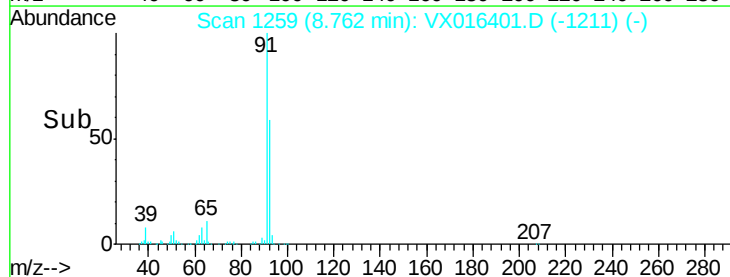
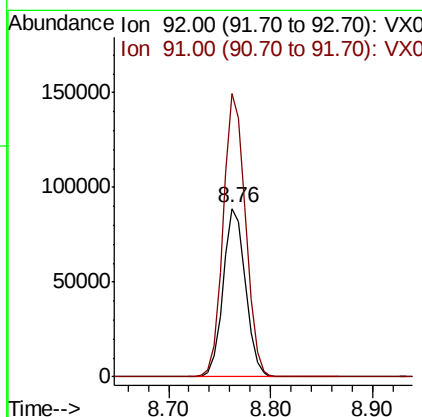
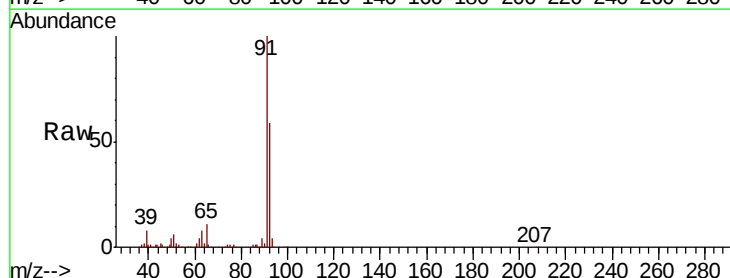
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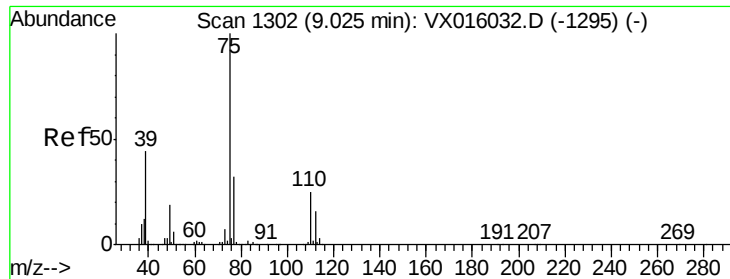
MMDadoda  
5/26/2020 11:44:03 AM



#52  
Toluene  
Concen: 19.777 ug/l  
RT: 8.76 min Scan# 1259  
Delta R.T. -0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 168.5 | 134.5 | 201.7 |





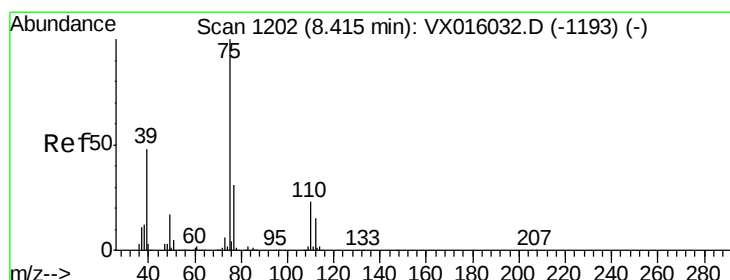
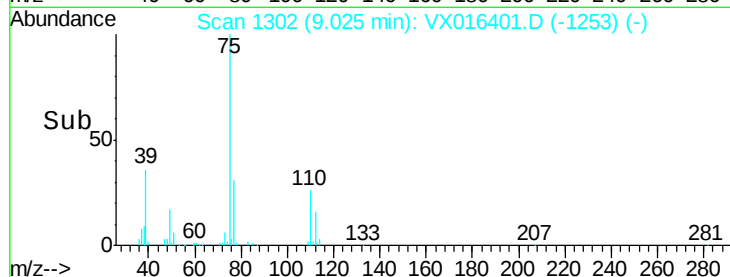
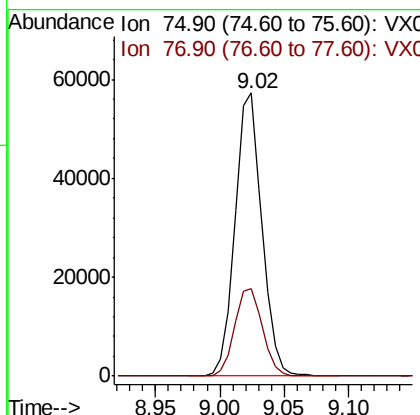
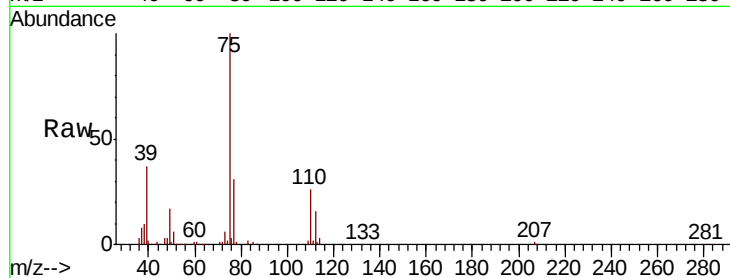
#53  
t-1,3-Dichloropropene  
Concen: 18.241 ug/l  
RT: 9.02 min Scan# 1302  
Delta R.T. -0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.7  | 25.7  | 38.5  |

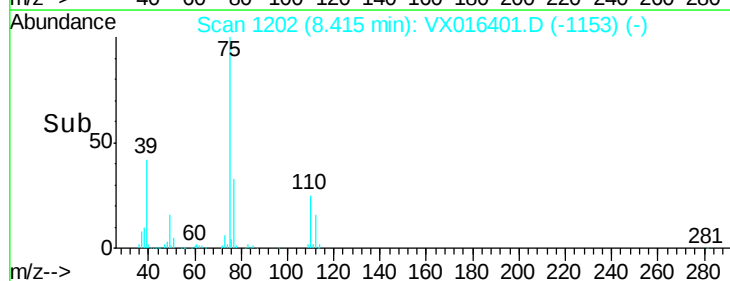
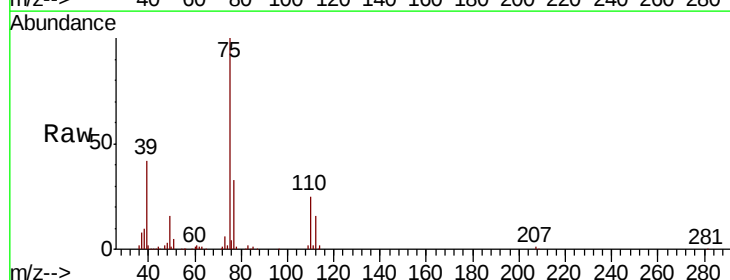
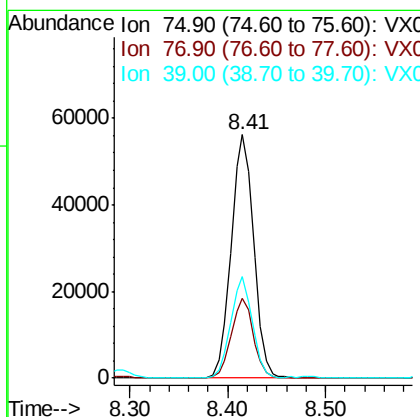
Manual Integrations  
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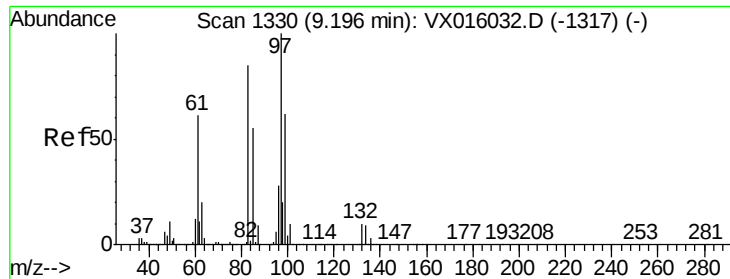
MMDadoda  
5/26/2020 11:44:03 AM



#54  
cis-1,3-Dichloropropene  
Concen: 18.847 ug/l  
RT: 8.41 min Scan# 1202  
Delta R.T. -0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.9  | 24.7  | 37.1  |
| 39      | 41.4  | 38.7  | 58.1  |





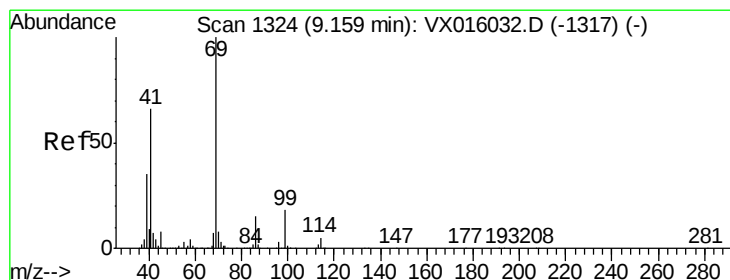
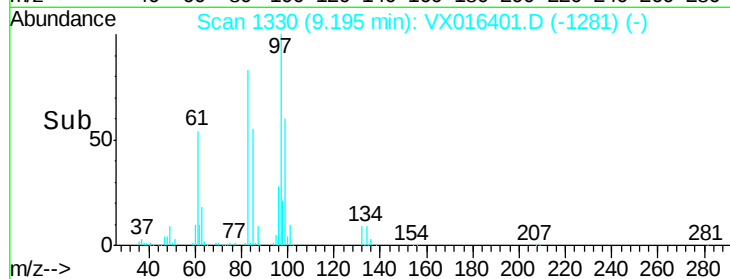
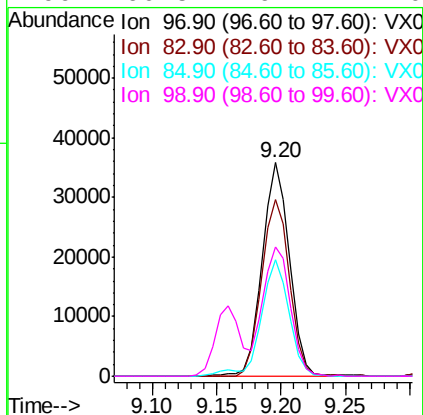
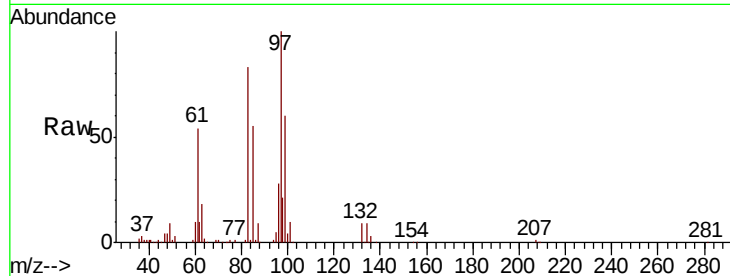
#55  
 1,1,2-Trichloroethane  
 Concen: 19.580 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX016401.D  
 Acq: 22 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0522WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 52467 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.6  | 67.8  | 101.8 |
| 85       | 54.7  | 43.8  | 65.8  |
| 99       | 60.5  | 49.4  | 74.0  |

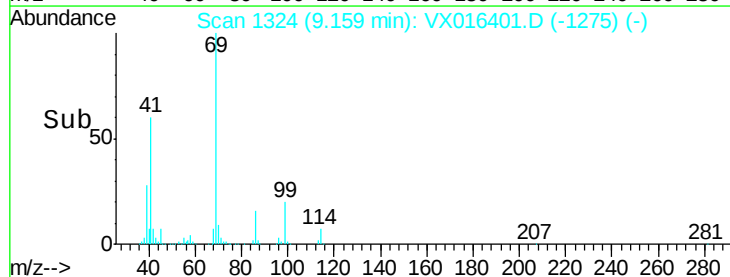
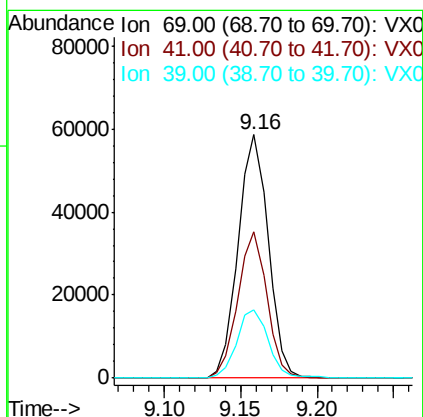
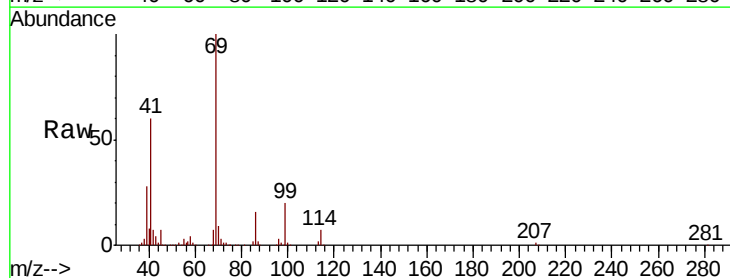
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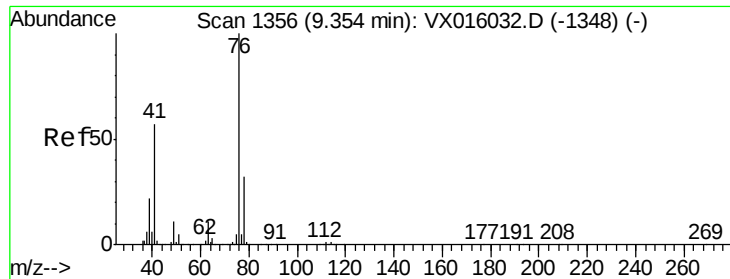
MMDadoda  
 5/26/2020 11:44:03 AM



#56  
 Ethyl methacrylate  
 Concen: 18.413 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX016401.D  
 Acq: 22 May 2020 10:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 80539 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 58.2  | 52.2  | 78.4  |
| 39       | 29.4  | 28.2  | 42.4  |





#57

1,3-Dichloropropane

Concen: 18.941 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion: 76 Resp: 88561

Ion Ratio Lower Upper

76 100

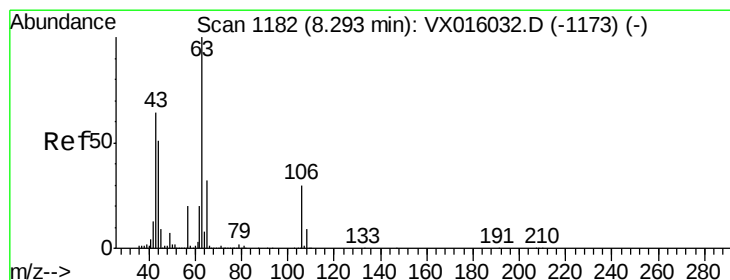
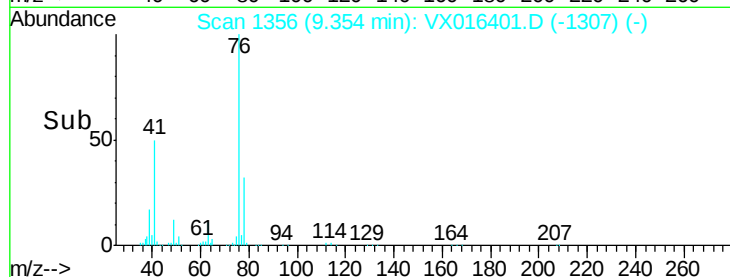
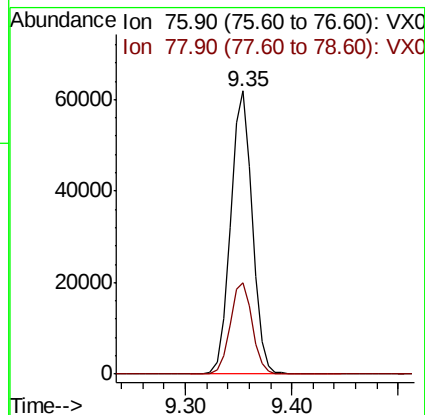
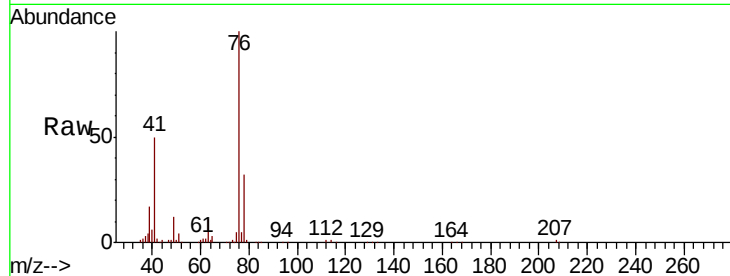
78 32.9 25.9 38.9

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5/26/2020 11:44:03 AM



#58

2-Chloroethyl Vinyl ether

Concen: 77.141 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016401.D

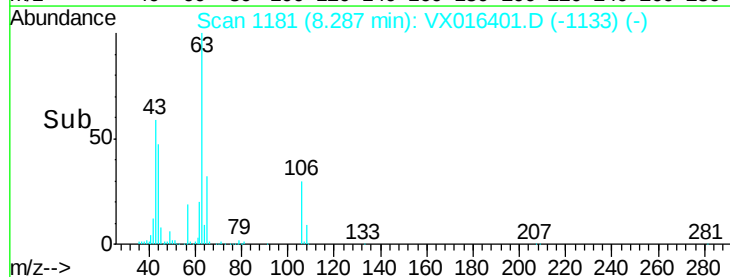
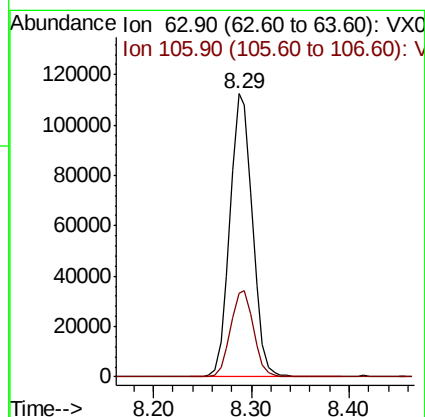
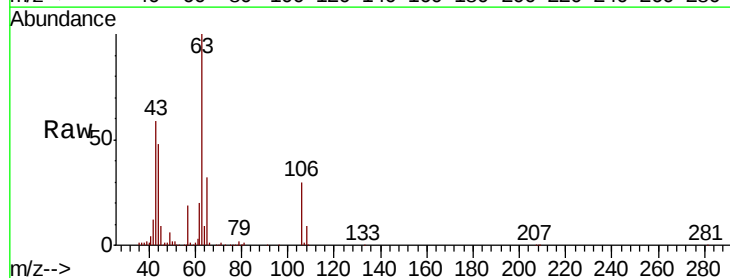
Acq: 22 May 2020 10:57

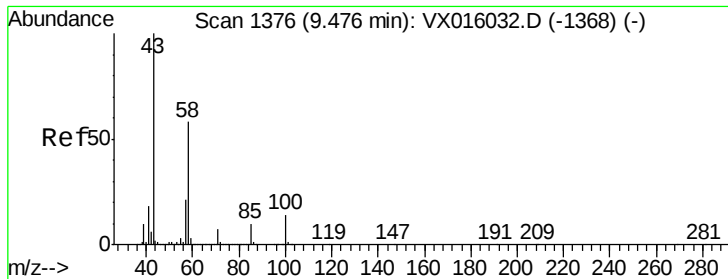
Tgt Ion: 63 Resp: 179630

Ion Ratio Lower Upper

63 100

106 31.0 23.4 35.2





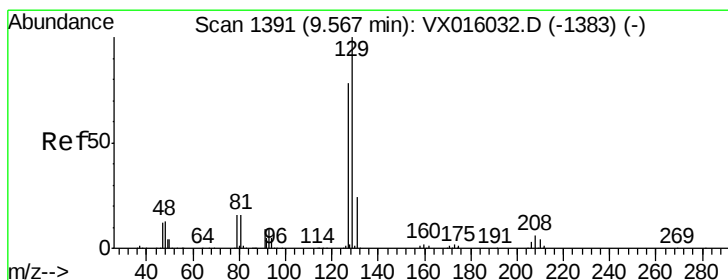
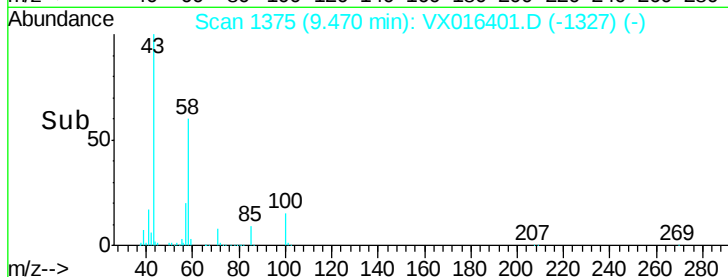
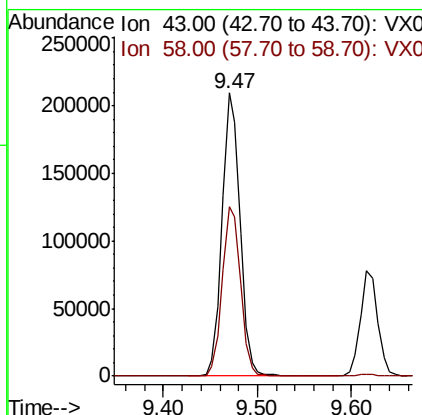
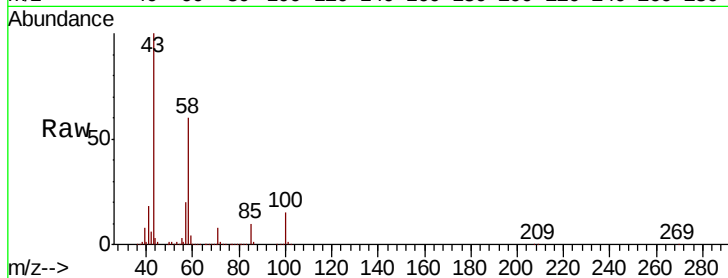
#59  
2-Hexanone  
Concen: 83.352 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

Tot Ion: 43 Resp: 276626  
Ion Ratio Lower Upper  
43 100  
58 61.1 28.6 85.9

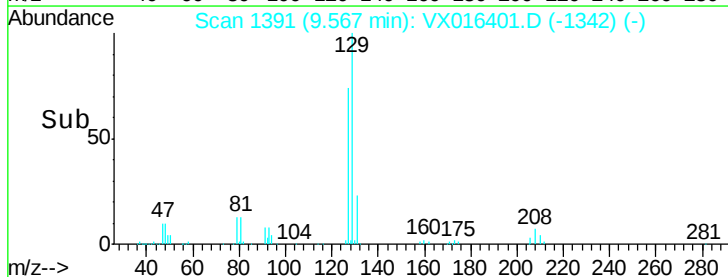
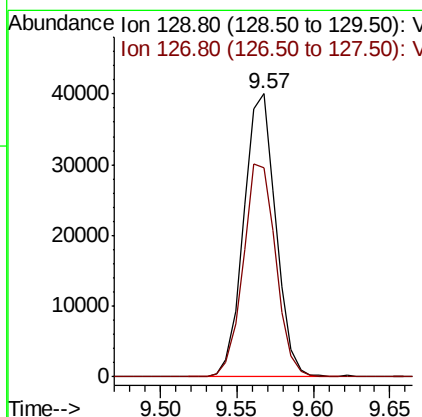
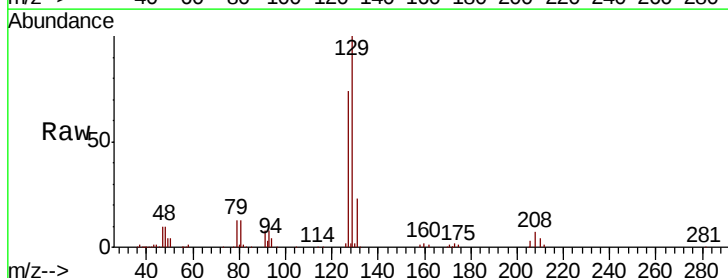
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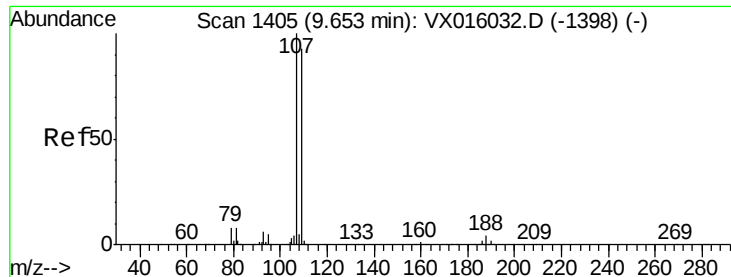
MMDadoda  
5/26/2020 11:44:03 AM



#60  
Dibromochloromethane  
Concen: 19.704 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Tgt Ion: 129 Resp: 58149  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.989 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion: 107 Resp: 55116

Ion Ratio Lower Upper

107 100

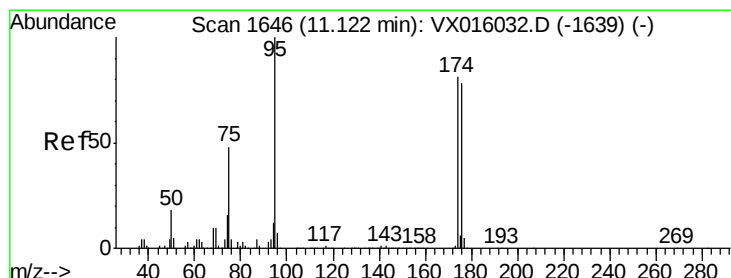
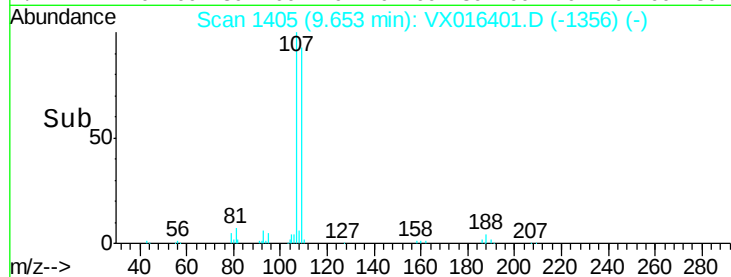
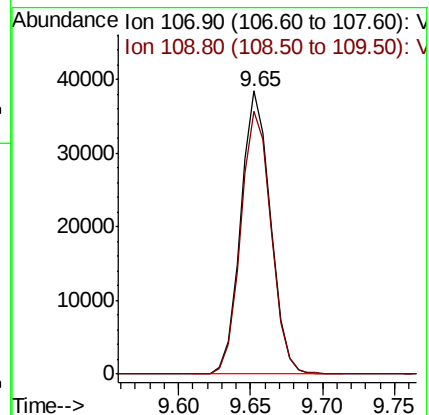
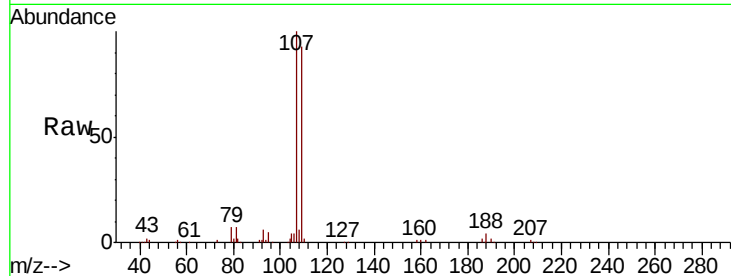
109 94.8 74.9 112.3

Manual Integrations

APPROVED

MMDadoda

5/26/2020 11:44:03 AM



#62

4-Bromofluorobenzene

Concen: 46.219 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

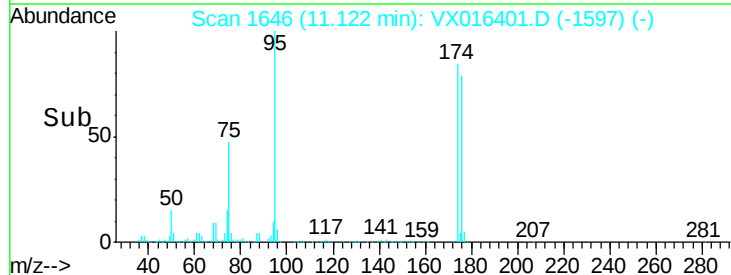
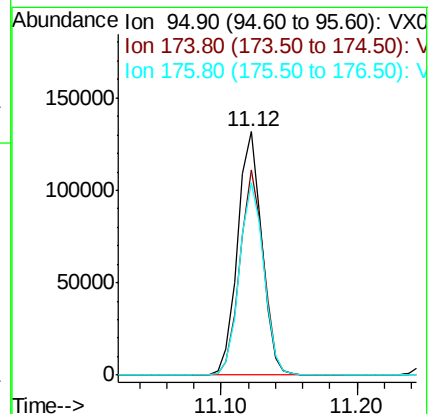
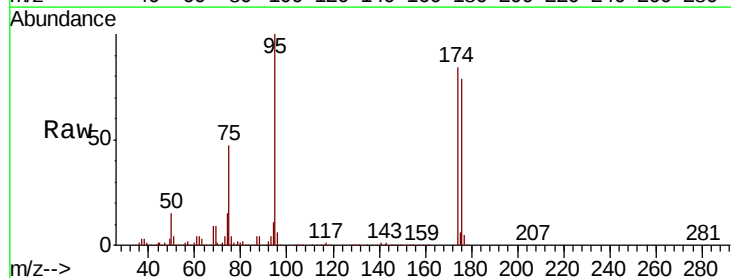
Tgt Ion: 95 Resp: 162800

Ion Ratio Lower Upper

95 100

174 82.4 0.0 159.4

176 79.5 0.0 157.6





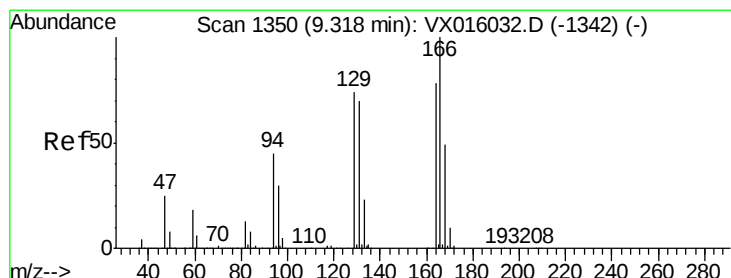
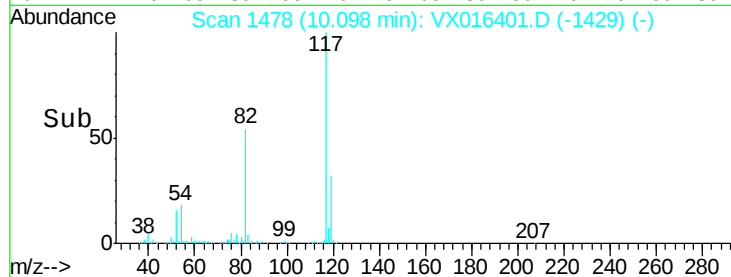
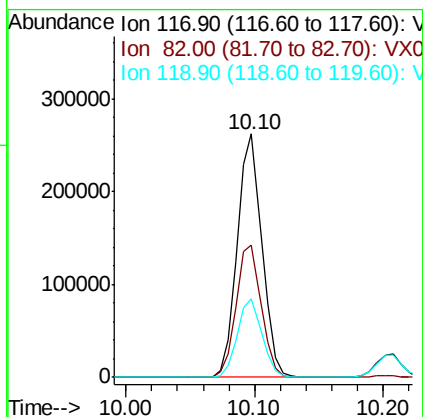
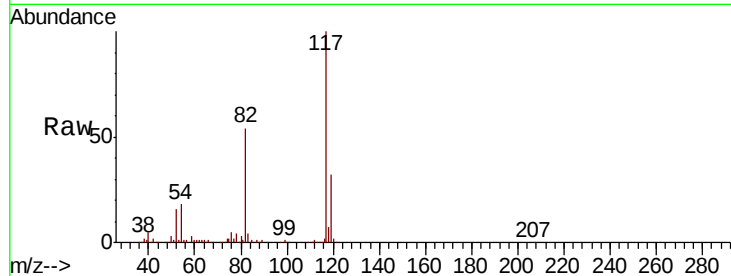
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 117     | 100   |            |       |
| 82      | 54.4  | 44.4       | 66.6  |
| 119     | 32.1  | 25.5       | 38.3  |

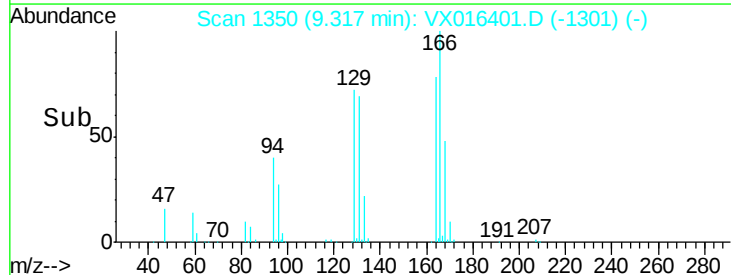
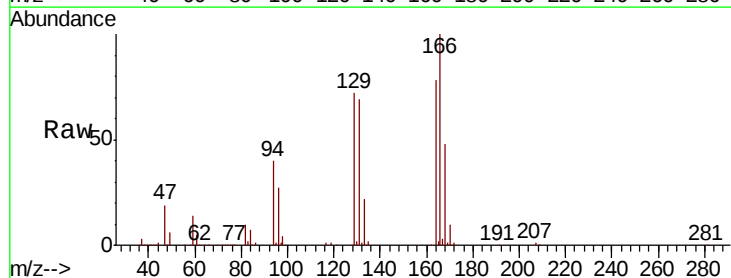
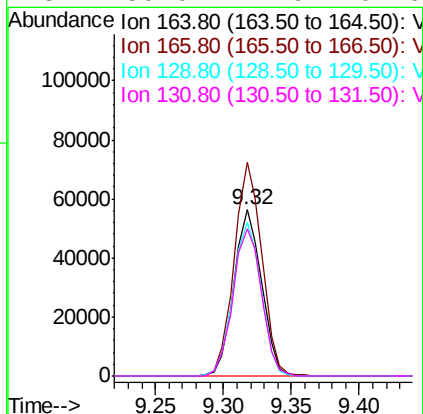
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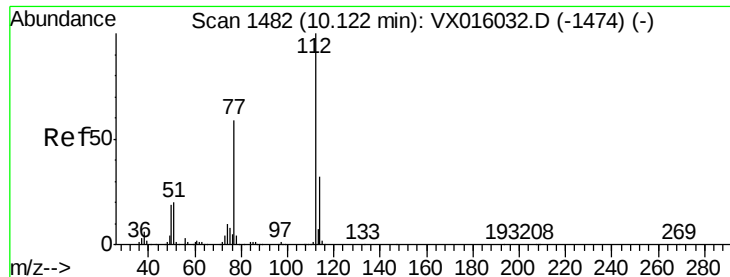
MMDadoda  
5/26/2020 11:44:03 AM



#64  
Tetrachloroethene  
Concen: 18.796 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 164     | 100   |            |       |
| 166     | 128.8 | 102.9      | 154.3 |
| 129     | 93.0  | 76.1       | 114.1 |
| 131     | 89.0  | 71.9       | 107.9 |





#65

Chlorobenzene

Concen: 19.402 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion:112 Resp: 141767

Ion Ratio Lower Upper

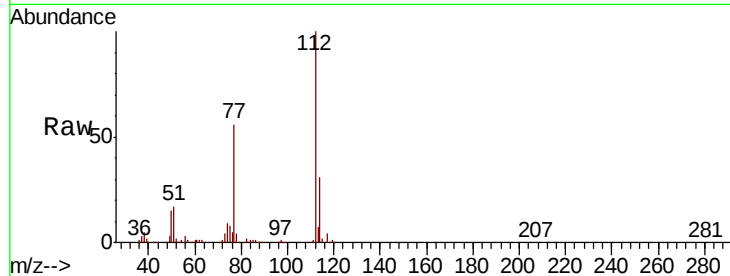
112 100

114 31.0 25.7 38.5

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

120000

100000

80000

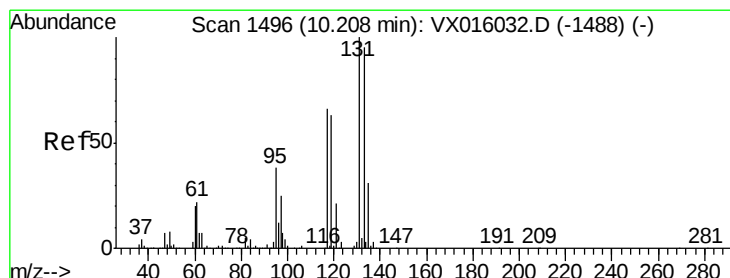
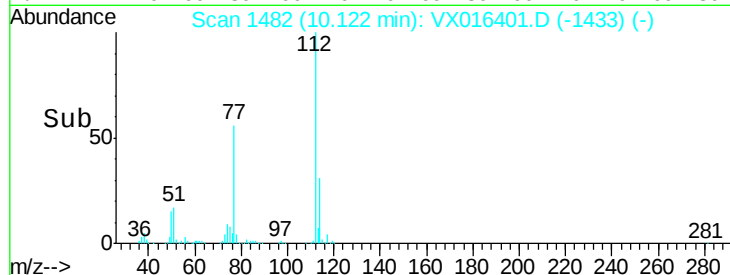
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.548 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

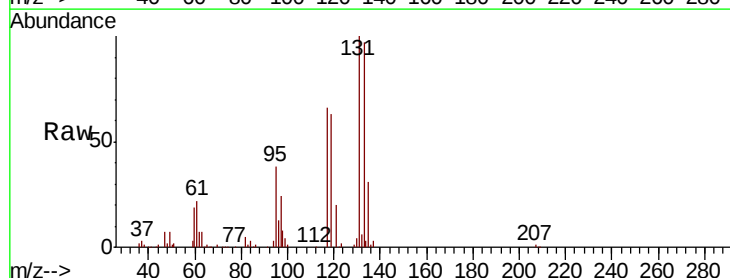
Tgt Ion:131 Resp: 52794

Ion Ratio Lower Upper

131 100

133 96.7 48.3 144.8

119 64.8 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.20

80000

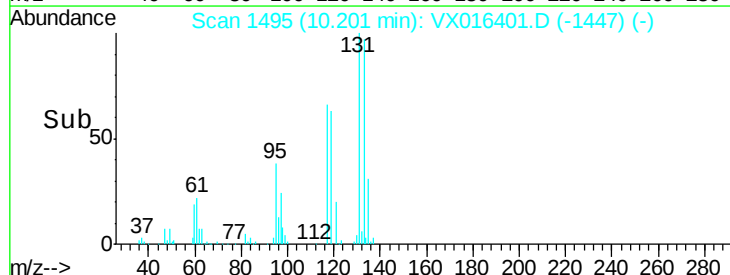
60000

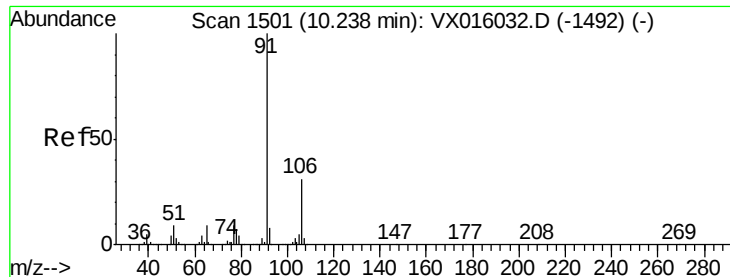
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 19.267 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion: 91 Resp: 251194

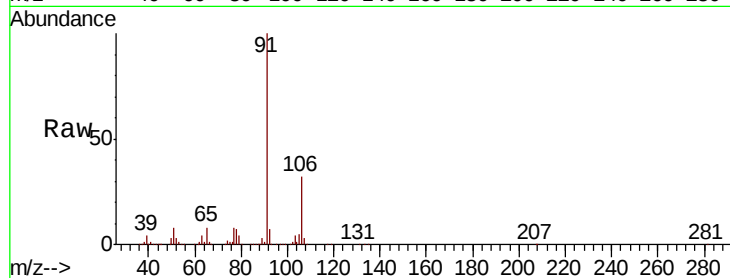
Ion Ratio Lower Upper

91 100

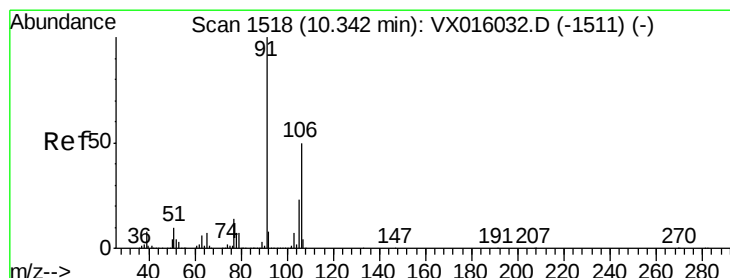
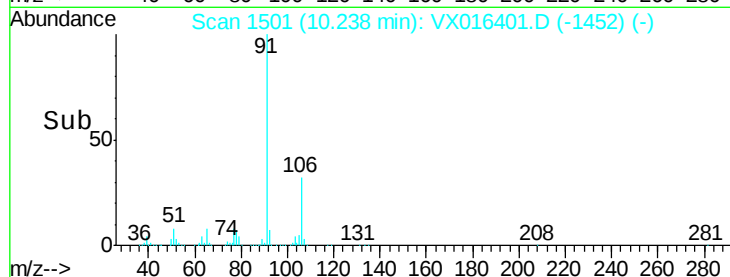
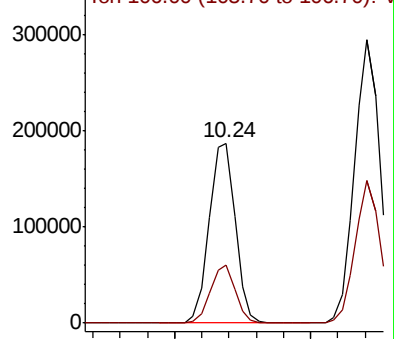
106 32.1 25.1 37.7

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Abundance Ion 91.00 (90.70 to 91.70): VX016401.D (-1452) (-)



#68

m/p-Xylenes

Concen: 39.326 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016401.D

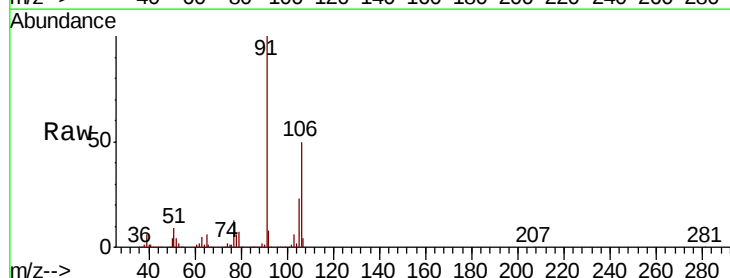
Acq: 22 May 2020 10:57

Tgt Ion: 106 Resp: 192090

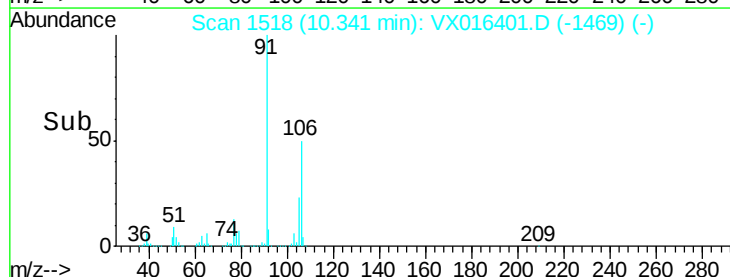
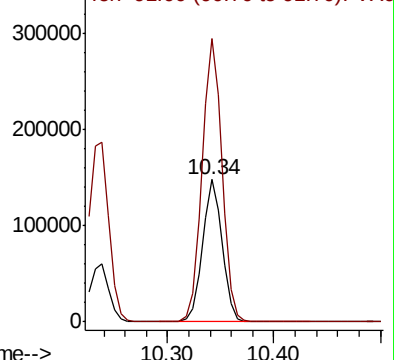
Ion Ratio Lower Upper

106 100

91 202.1 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016401.D (-1469) (-)





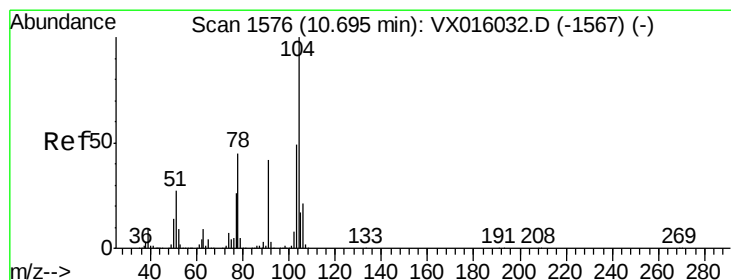
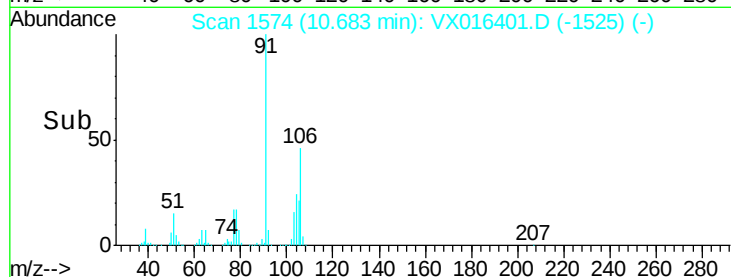
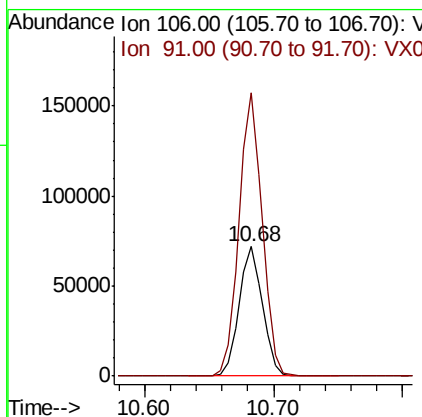
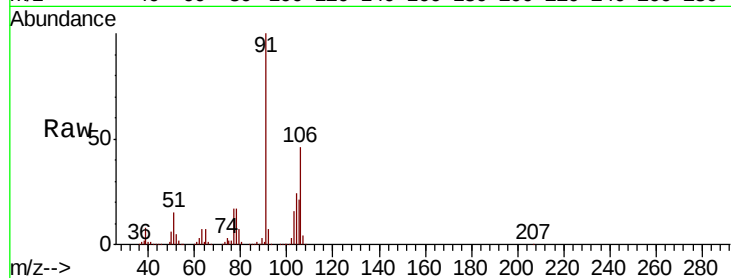
#69  
o-Xylene  
Concen: 19.321 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 106     | 106 | 100   |       |       |
| 91      | 91  | 216.4 | 107.5 | 322.6 |

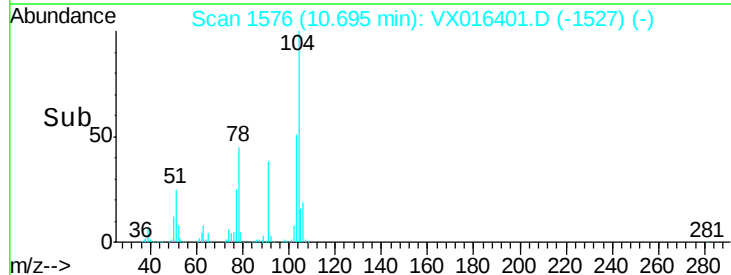
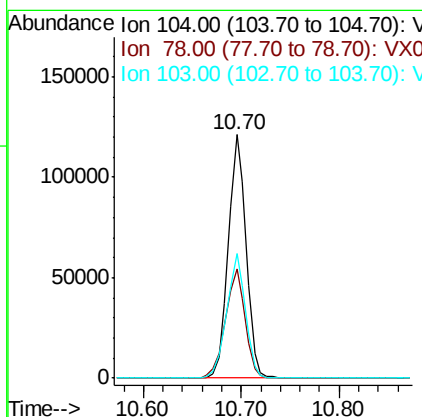
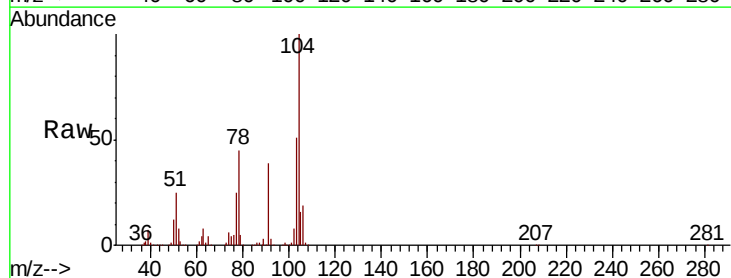
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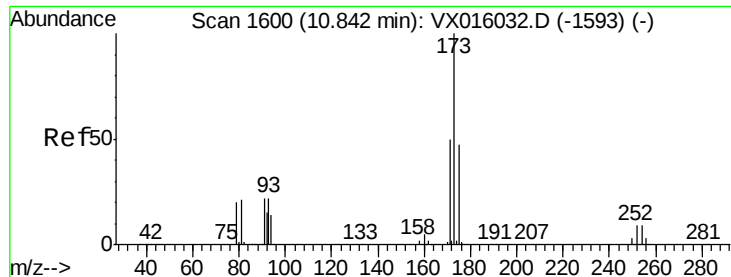
MMDadoda  
5/26/2020 11:44:03 AM



#70  
Styrene  
Concen: 19.266 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 104     | 104 | 100   |       |       |
| 78      | 78  | 49.3  | 40.2  | 60.2  |
| 103     | 103 | 54.0  | 43.0  | 64.6  |





#71

Bromoform

Concen: 19.305 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion:173 Resp: 42478

Ion Ratio Lower Upper

173 100

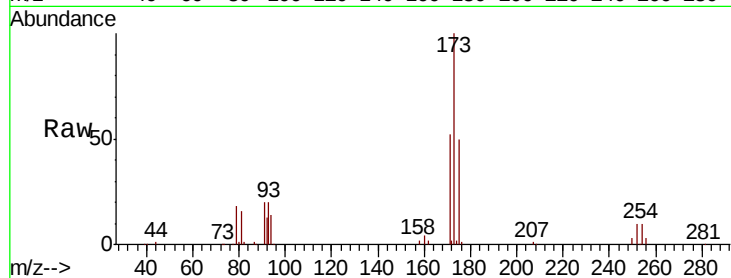
175 49.8 24.0 72.0

254 0.0 0.1 0.1#

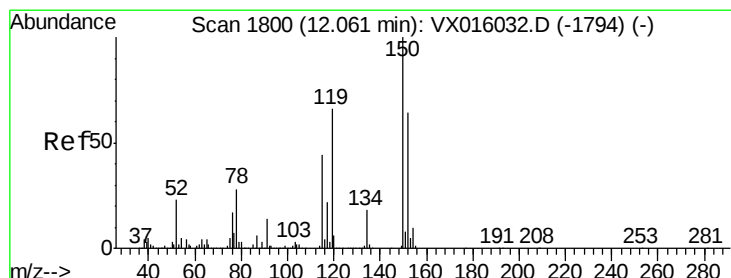
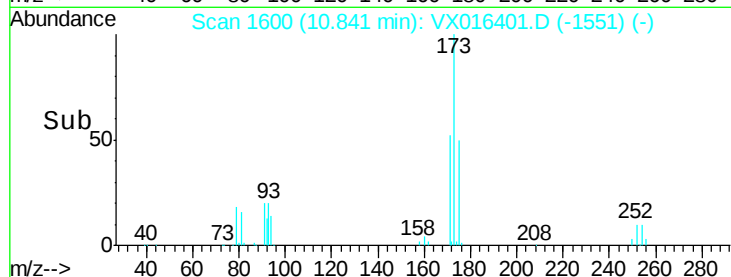
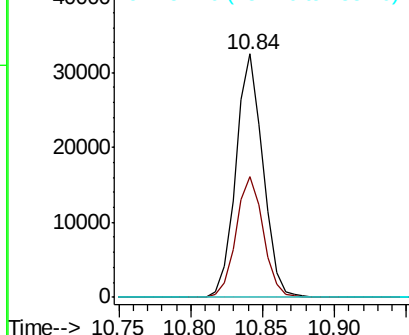
Manual Integrations  
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

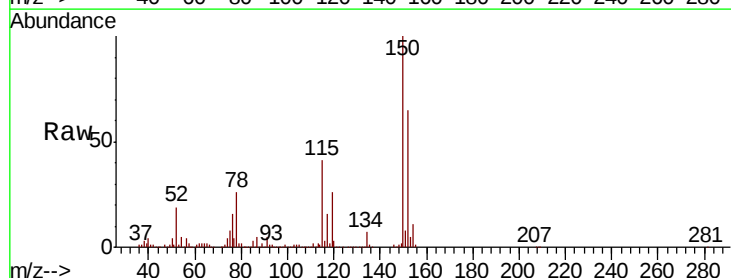
Tgt Ion:152 Resp: 169894

Ion Ratio Lower Upper

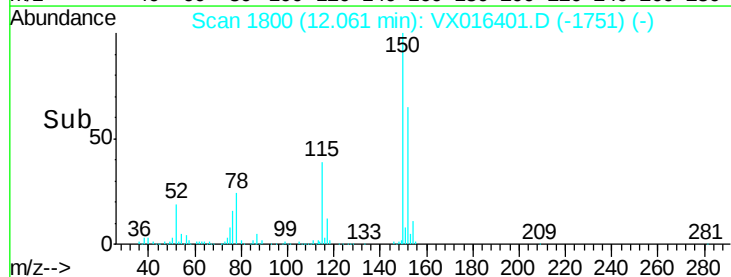
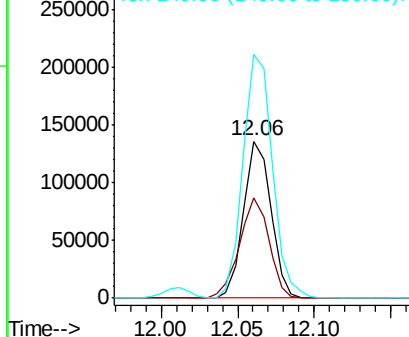
152 100

115 69.0 41.3 124.1

150 166.6 0.0 352.2



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.395 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion: 105 Resp: 239672

Ion Ratio Lower Upper

105 100

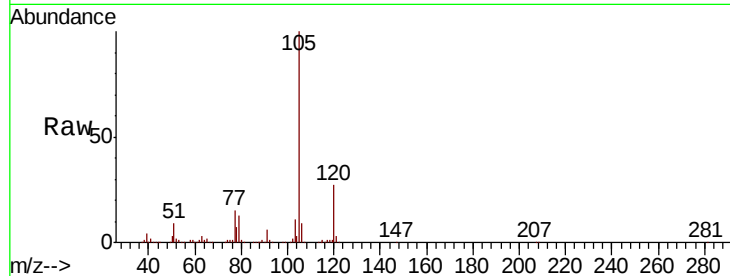
120 26.2 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

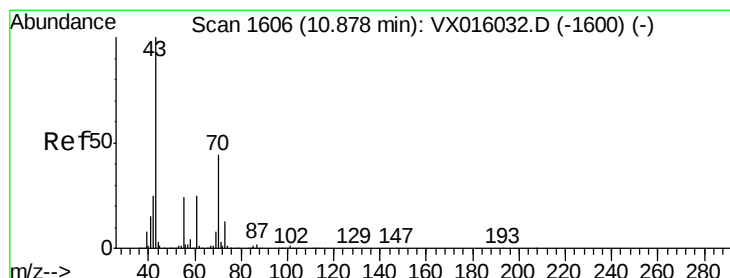
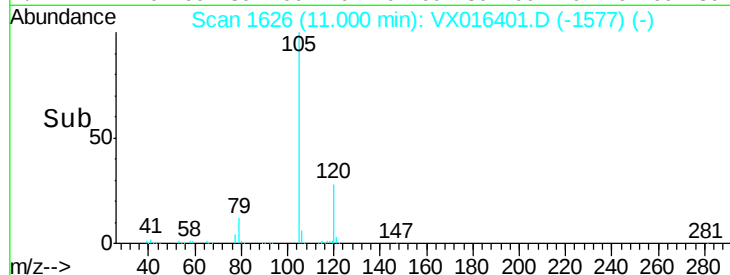
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 16.650 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Tgt Ion: 43 Resp: 95969

Ion Ratio Lower Upper

43 100

70 49.9 36.5 54.7

55 27.4 19.7 29.5

61 27.2 20.9 31.3

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

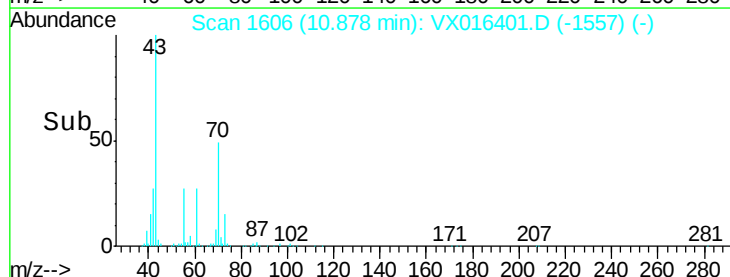
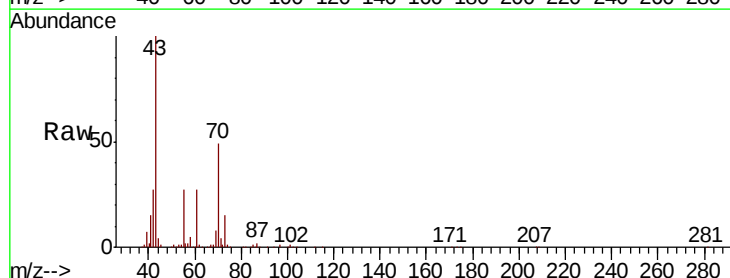
60000

40000

20000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 24.559 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

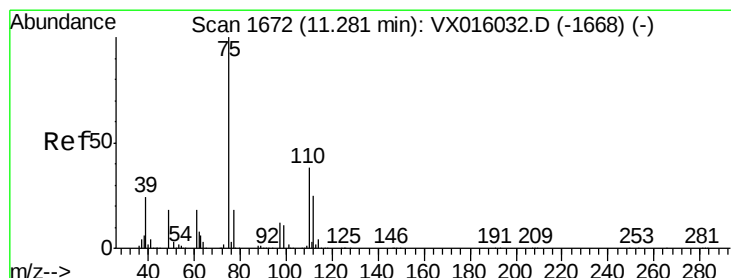
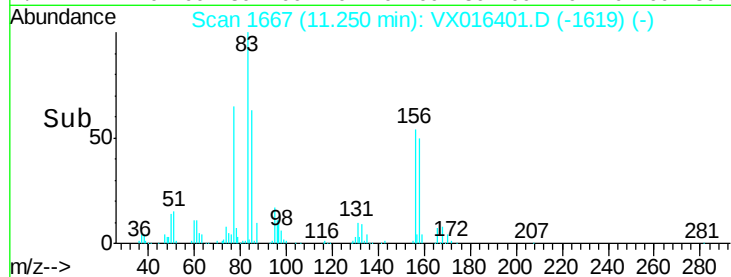
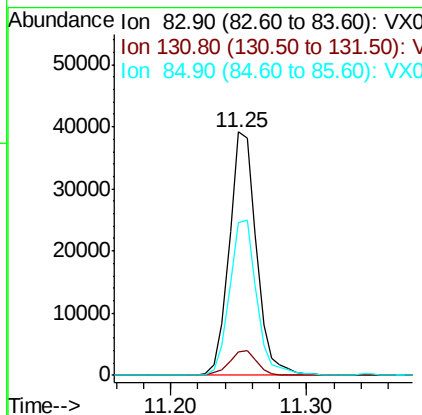
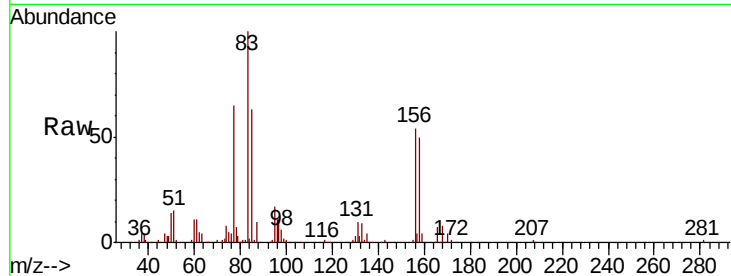
ClientSampleId :

VX0522WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 54205 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.4  | 5.1   | 15.4  |
| 85        | 63.7  | 32.0  | 96.0  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 19.173 ug/l m

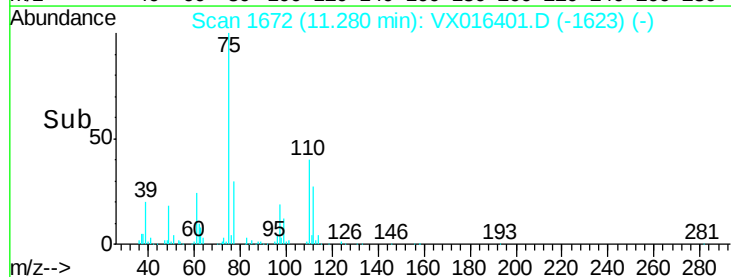
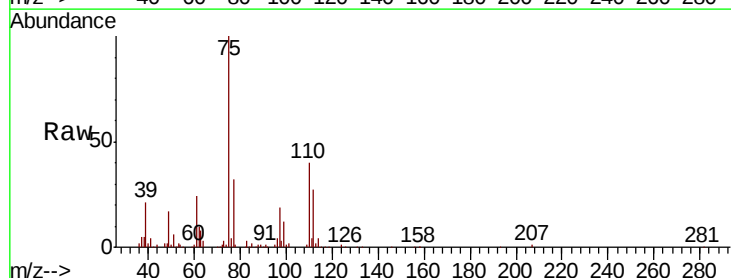
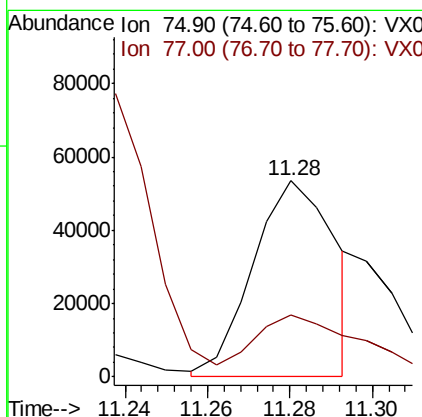
RT: 11.28 min Scan# 1672

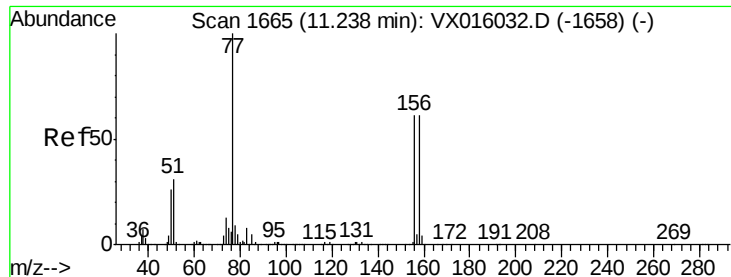
Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 73918 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 41.4  | 21.2  | 63.6  |





#77

Bromobenzene

Concen: 19.118 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion:156 Resp: 60978

Ion Ratio Lower Upper

156 100

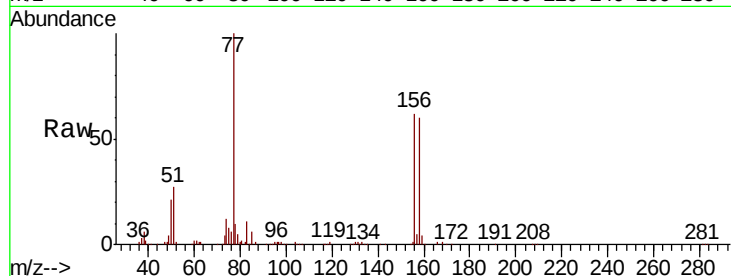
77 157.3 80.1 240.3

158 96.4 49.4 148.2

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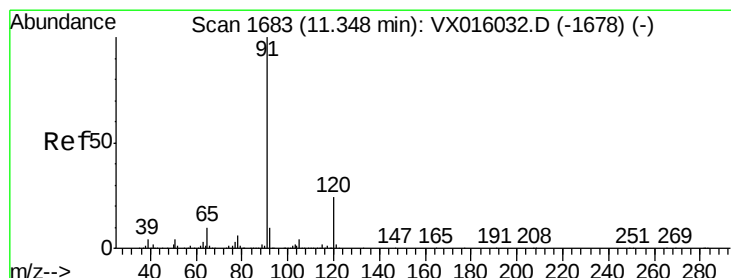
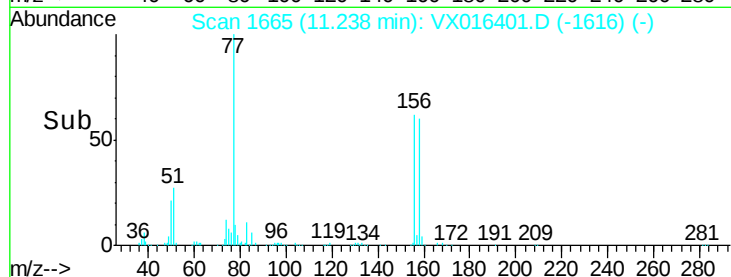
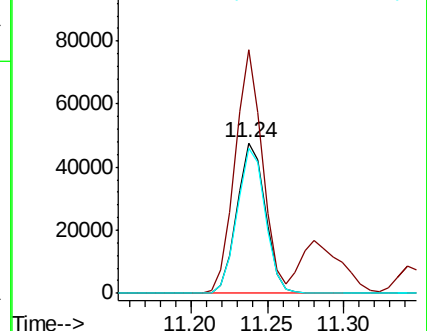
5/26/2020 11:44:03 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.608 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016401.D

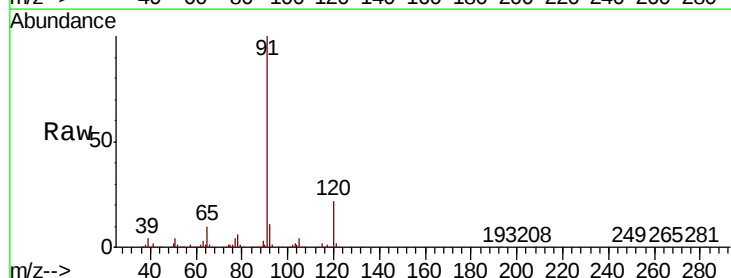
Acq: 22 May 2020 10:57

Tgt Ion: 91 Resp: 267507

Ion Ratio Lower Upper

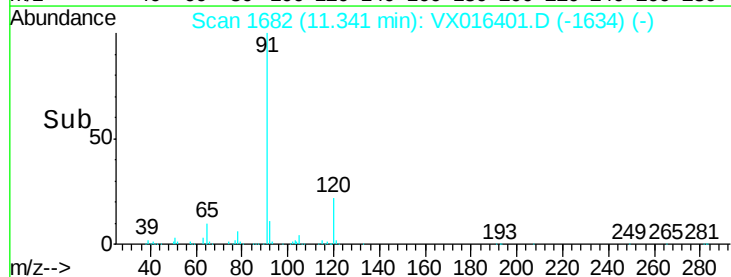
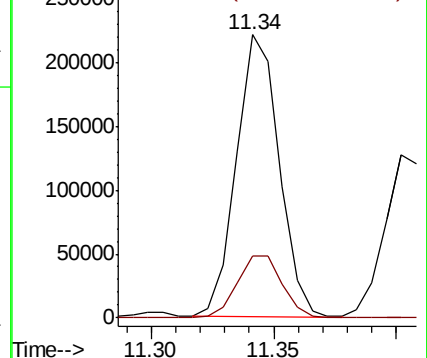
91 100

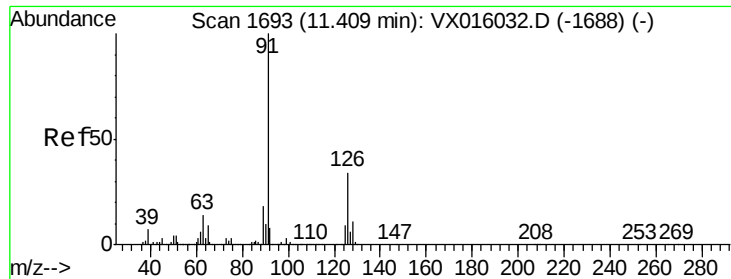
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





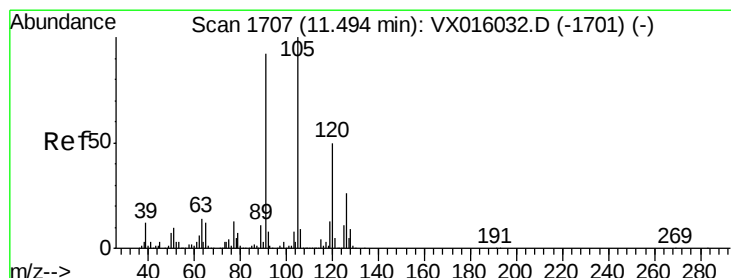
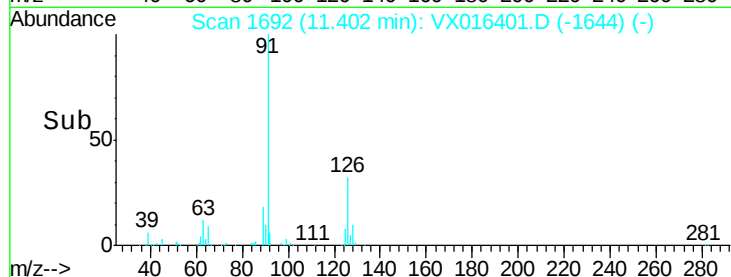
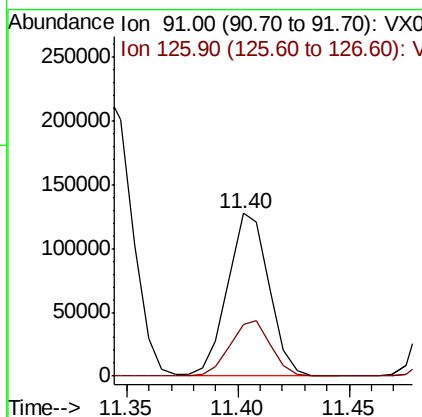
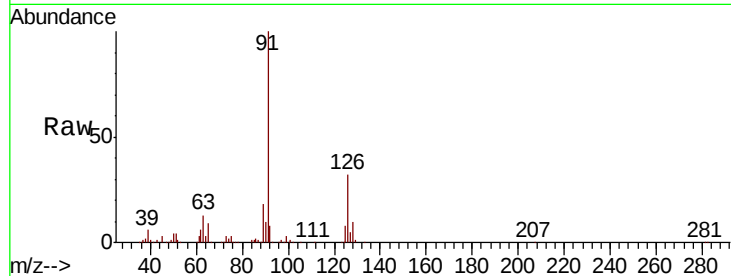
#79  
2-Chlorotoluene  
Concen: 19.276 ug/l  
RT: 11.40 min Scan# 1692  
Delta R.T. -0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

Tot Ion: 91 Resp: 163568  
Ion Ratio Lower Upper  
91 100  
126 34.3 16.9 50.6

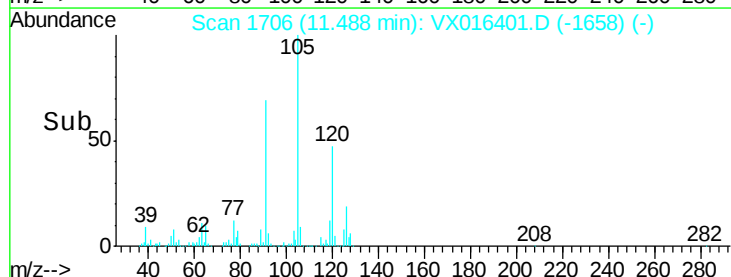
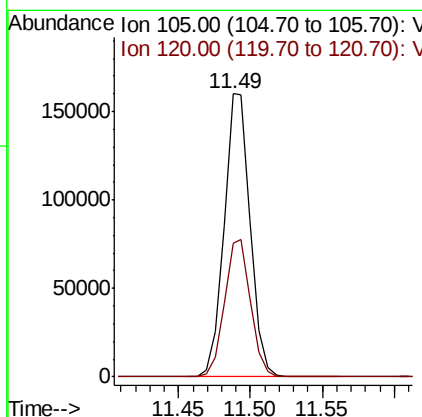
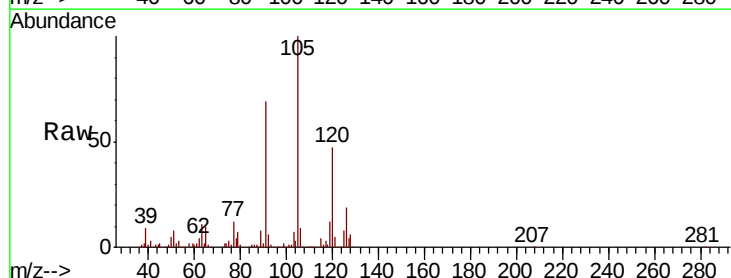
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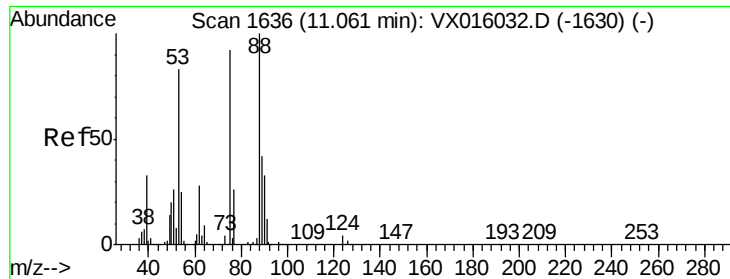
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#80  
1,3,5-Trimethylbenzene  
Concen: 19.510 ug/l  
RT: 11.49 min Scan# 1706  
Delta R.T. -0.01 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Tgt Ion: 105 Resp: 203555  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.755 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

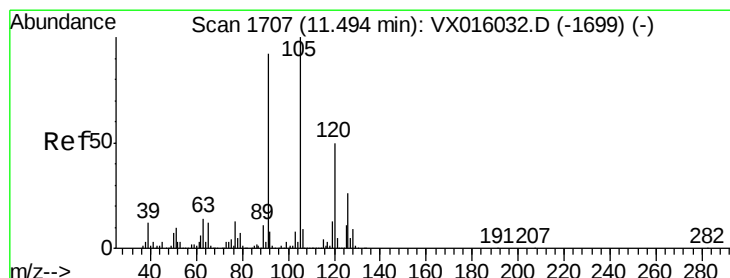
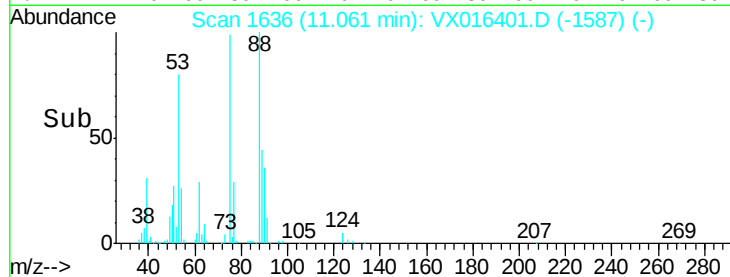
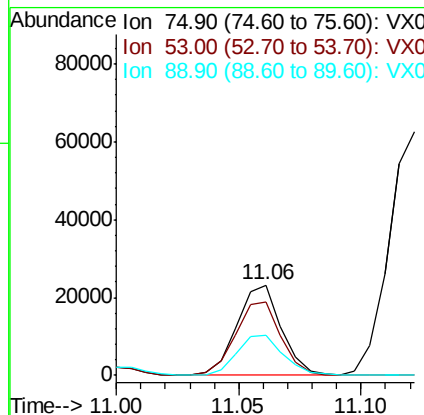
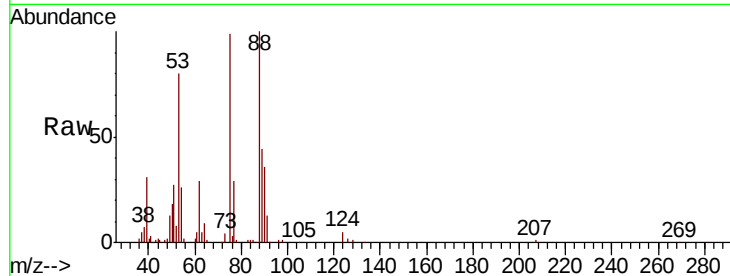
ClientSampleId :

VX0522WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 28723 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 84.6  | 73.1  | 109.7 |
| 89       | 47.6  | 36.7  | 55.1  |

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#82

4-Chlorotoluene

Concen: 19.060 ug/l

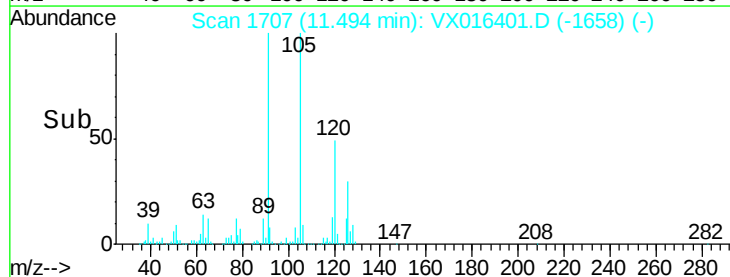
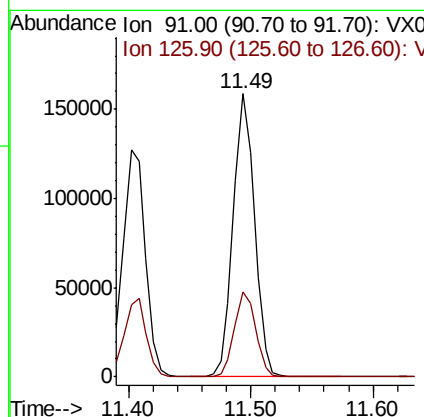
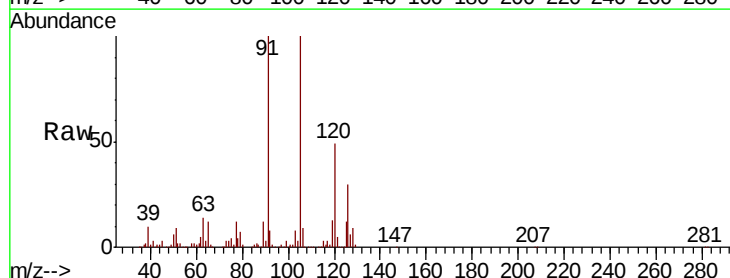
RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 190990 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 30.0  | 14.8  | 44.3   |





#83

tert-Butylbenzene

Concen: 18.720 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

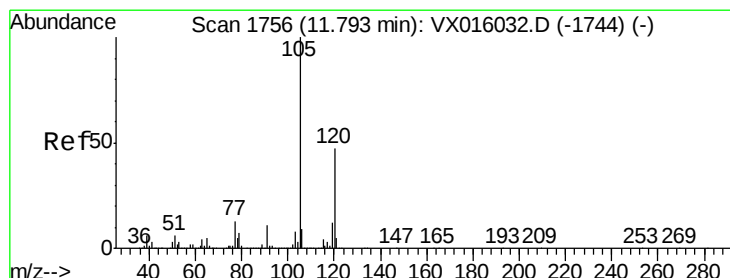
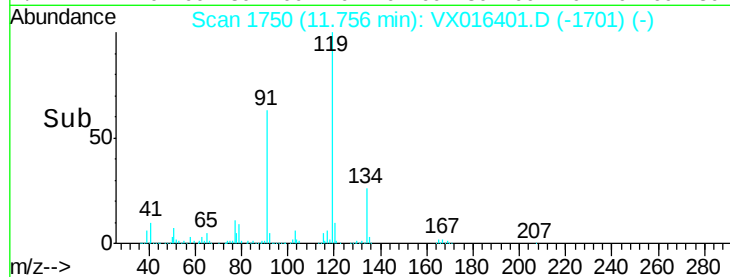
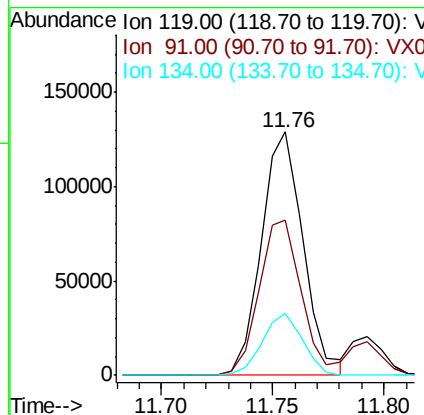
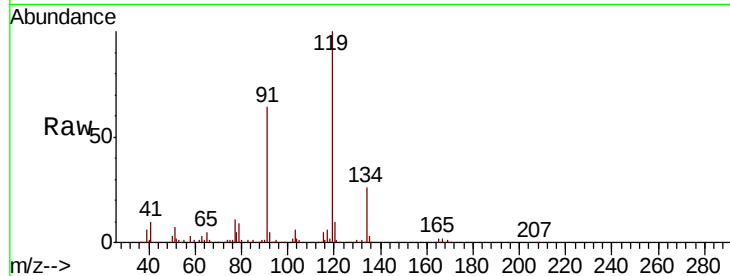
ClientSampleId :

VX0522WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 168317 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 63.7  | 32.8  | 98.4   |
| 134       | 24.5  | 12.4  | 37.0   |

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#84

1,2,4-Trimethylbenzene

Concen: 19.564 ug/l

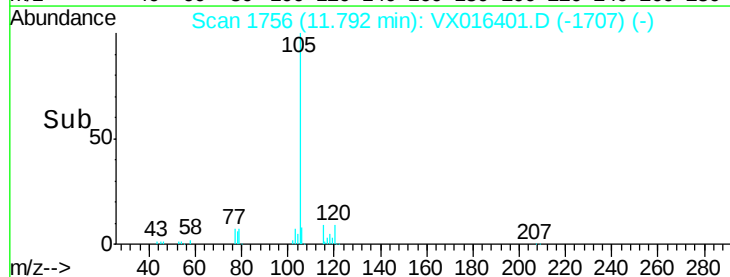
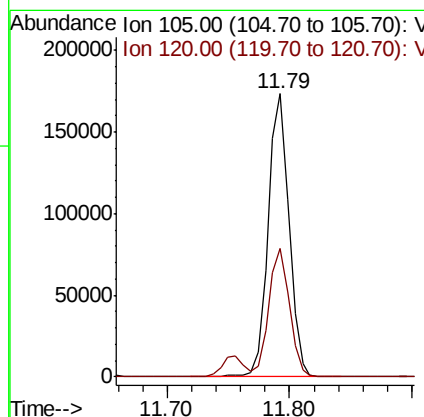
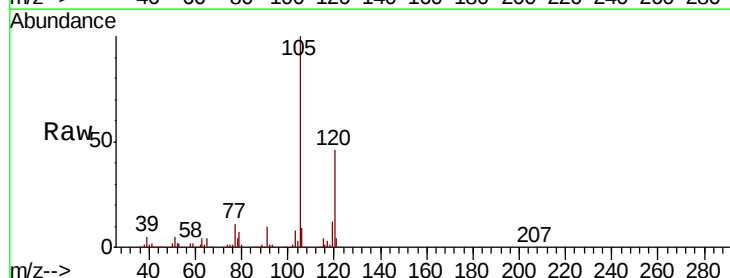
RT: 11.79 min Scan# 1756

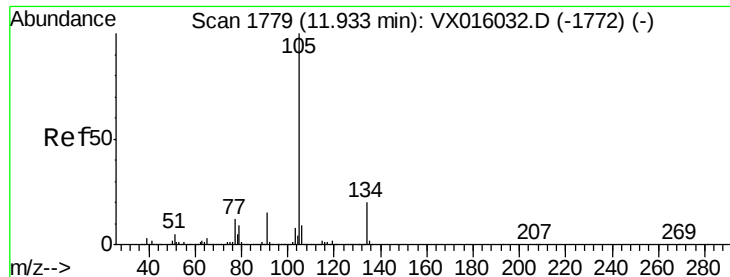
Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 206363 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.0  | 23.0  | 69.0   |





#85

sec-Butylbenzene

Concen: 17.626 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBS01

Tot Ion:105 Resp: 213989

Ion Ratio Lower Upper

105 100

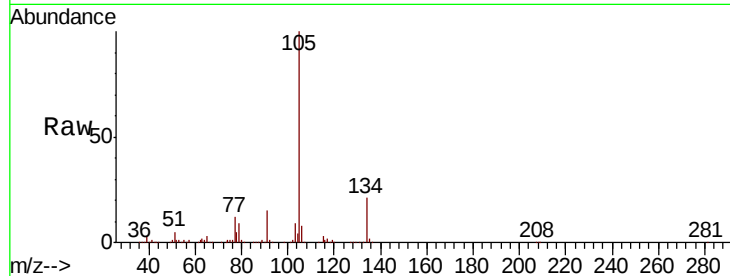
134 20.4 10.1 30.3

Manual Integrations

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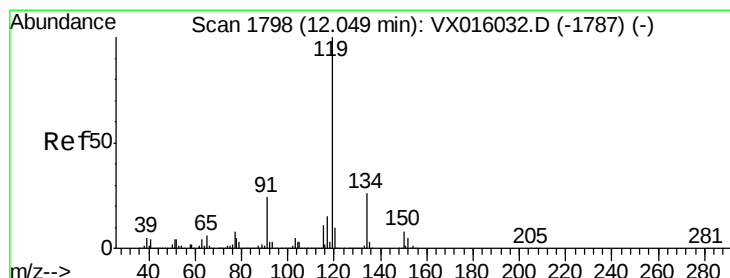
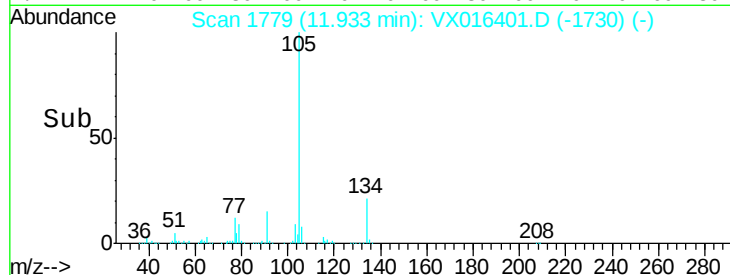
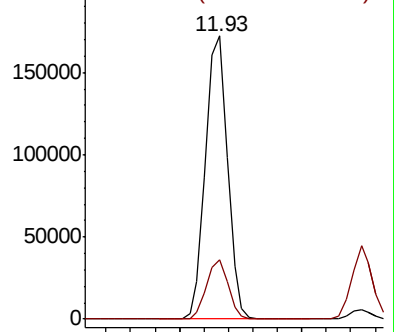
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.089 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

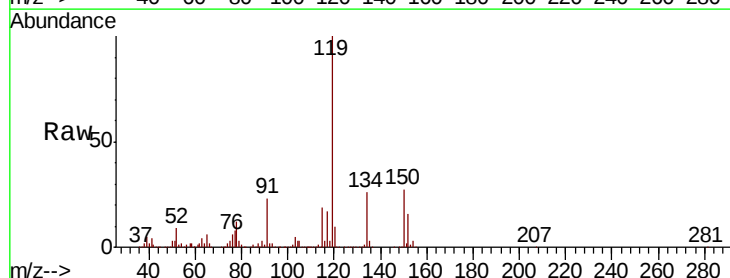
Tgt Ion:119 Resp: 203886

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

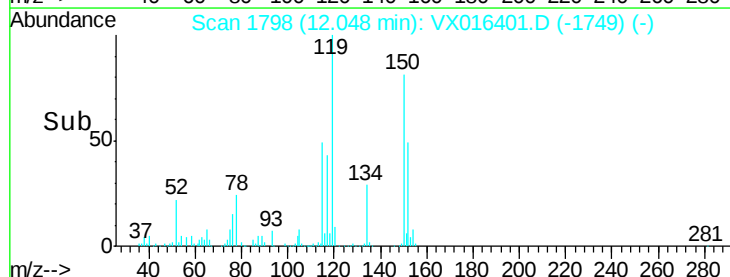
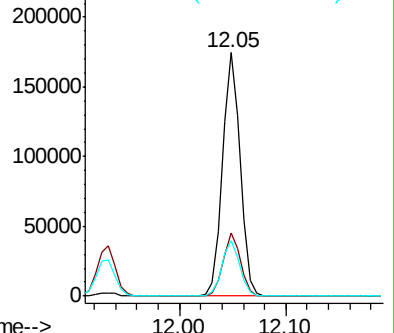
91 22.9 11.8 35.4

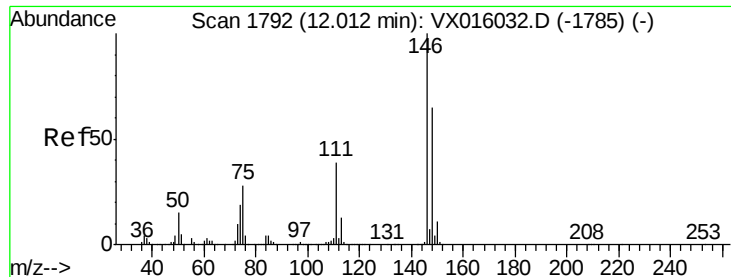


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





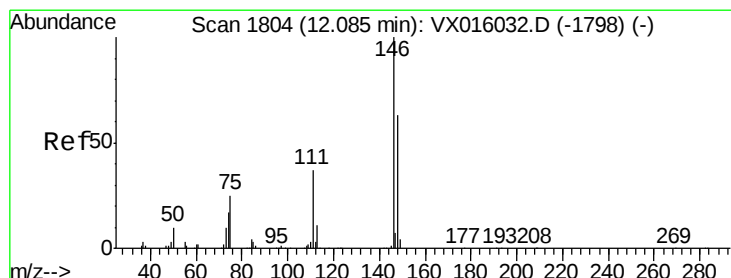
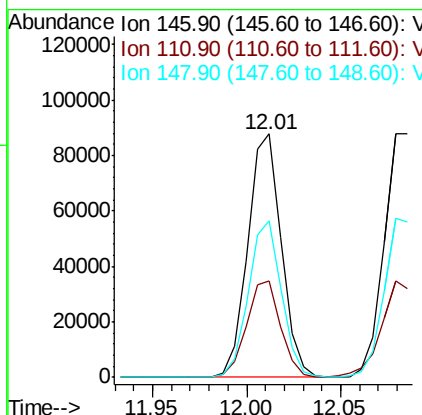
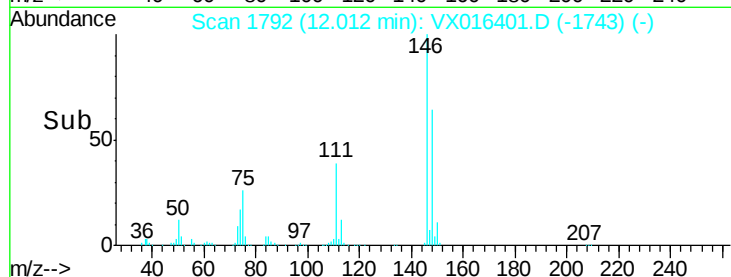
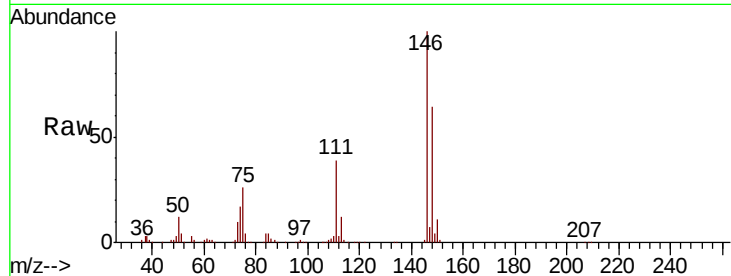
#87  
 1,3-Dichlorobenzene  
 Concen: 18.918 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX016401.D  
 Acq: 22 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0522WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.0  | 20.2  | 60.6  |
| 148     | 63.3  | 32.1  | 96.3  |

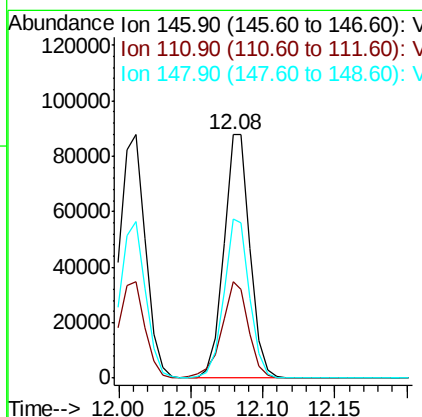
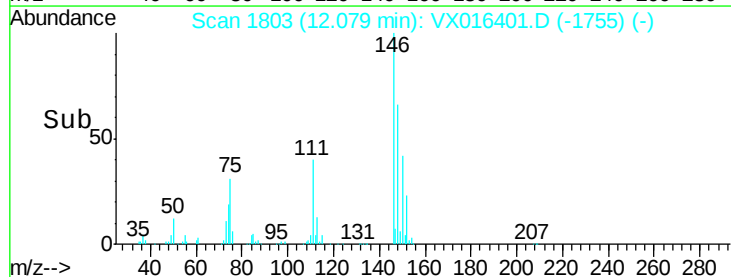
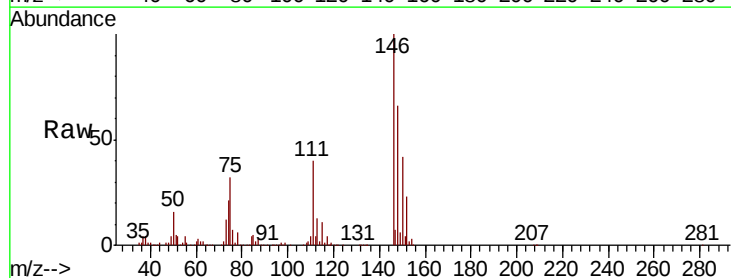
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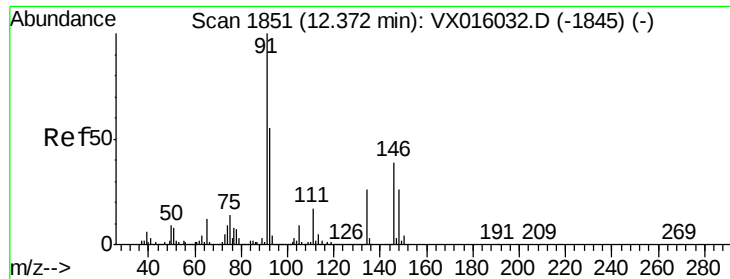
MMDadoda  
 5/26/2020 11:44:03 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 19.256 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.01 min  
 Lab File: VX016401.D  
 Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.3  | 19.6  | 58.7  |
| 148     | 64.4  | 31.8  | 95.3  |





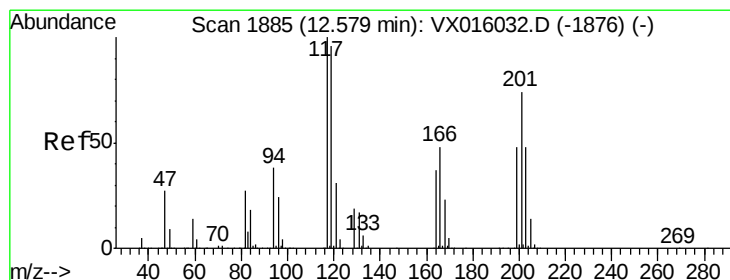
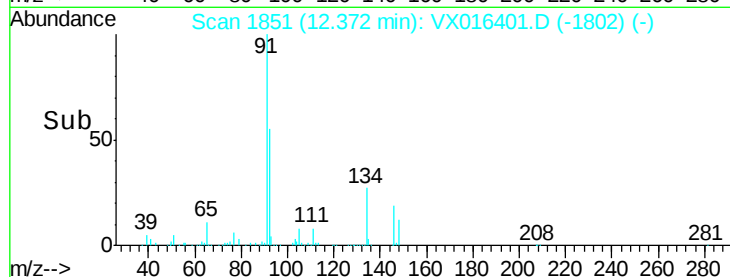
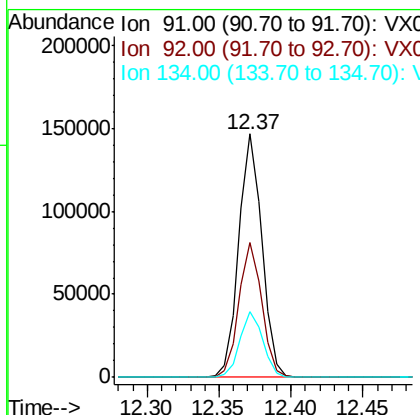
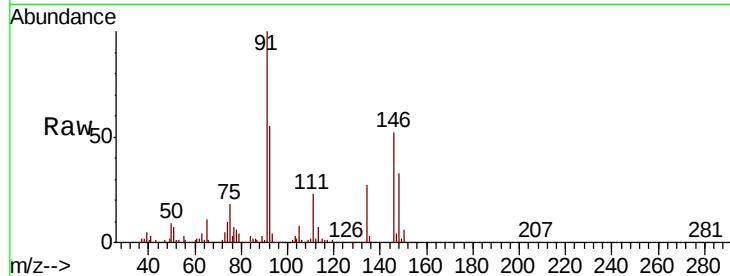
#89  
n-Butylbenzene  
Concen: 15.986 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 164612 |       |       |
| 92      | 54.9  | 27.6   | 82.7  |       |
| 134     | 26.7  | 13.4   | 40.1  |       |

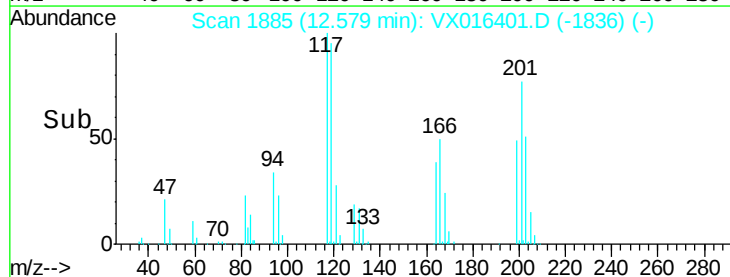
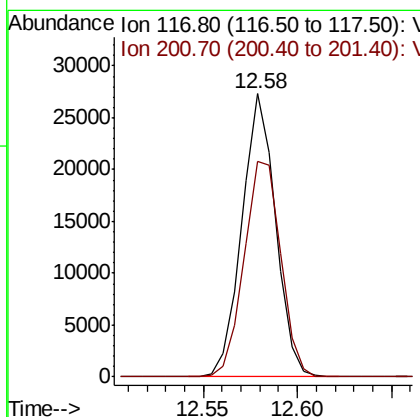
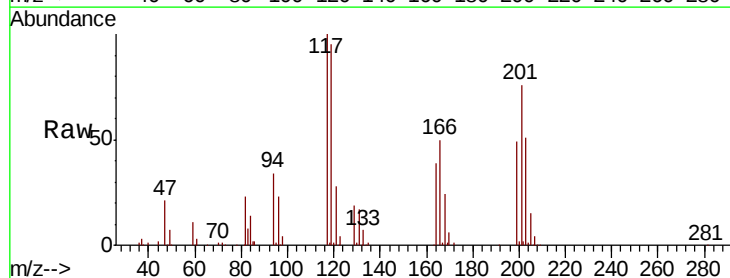
Manual Integrations  
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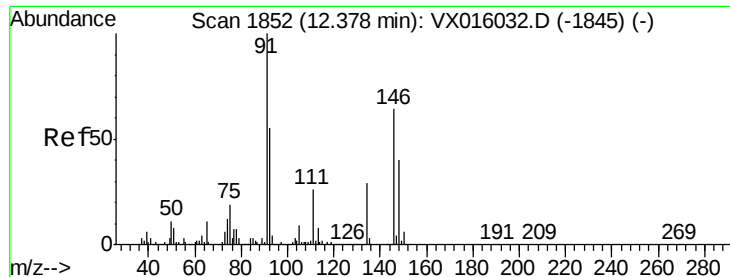
MMDadoda  
5/26/2020 11:44:03 AM



#90  
Hexachloroethane  
Concen: 17.487 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX016401.D  
Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 33851 |       |       |
| 201     | 83.1  | 39.8  | 119.3 |       |





#91

1,2-Dichlorobenzene

Concen: 19.588 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

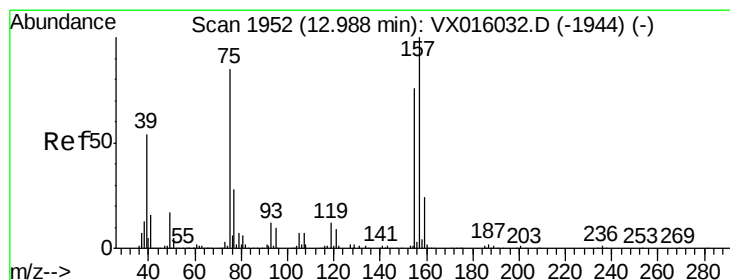
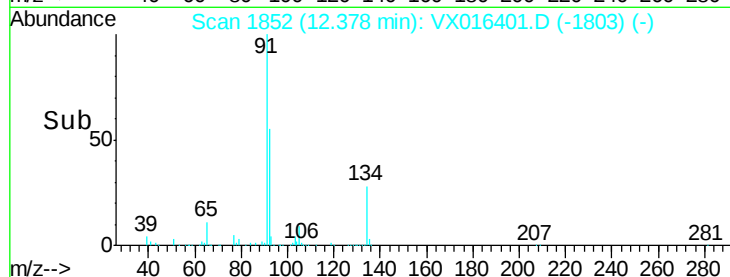
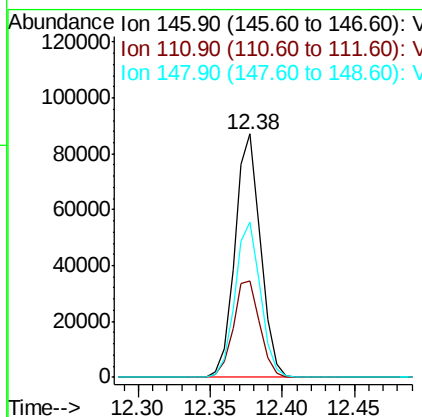
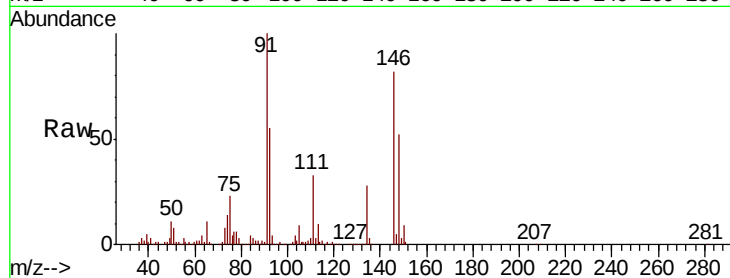
ClientSampleId :

VX0522WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 108019 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.1  | 21.1  | 63.1   |
| 148       | 63.2  | 32.4  | 97.0   |

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5/26/2020 11:44:03 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.274 ug/l

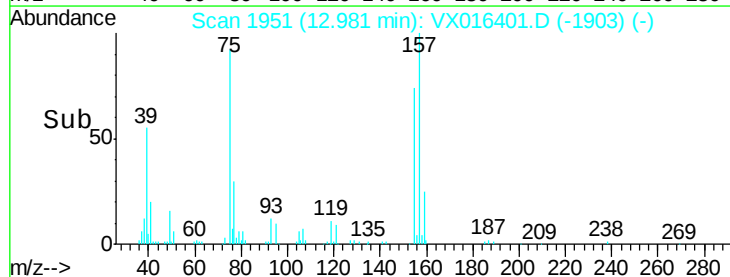
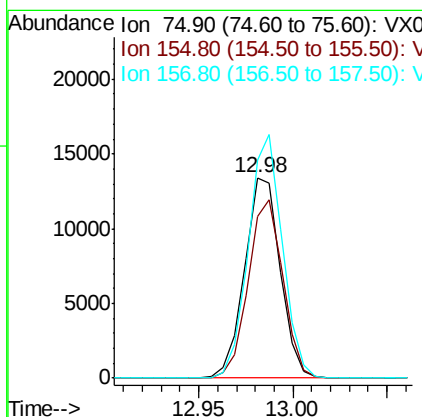
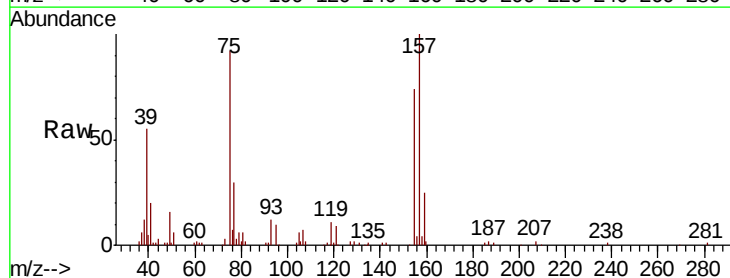
RT: 12.98 min Scan# 1951

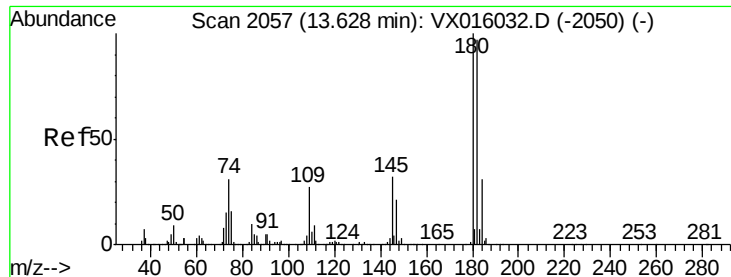
Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 17552 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 86.7  | 42.5  | 127.5 |
| 157       | 115.8 | 55.3  | 165.8 |





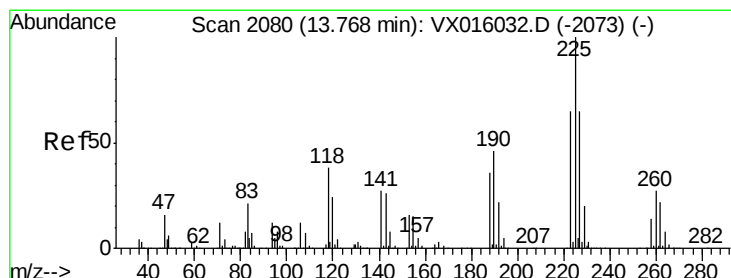
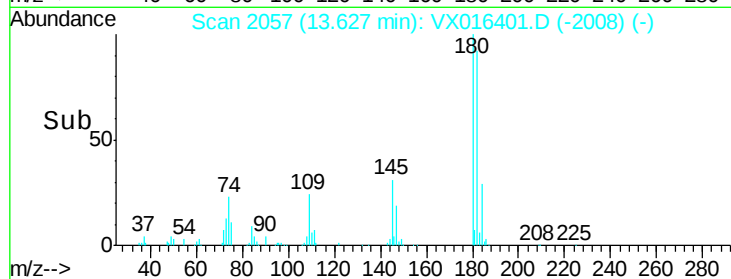
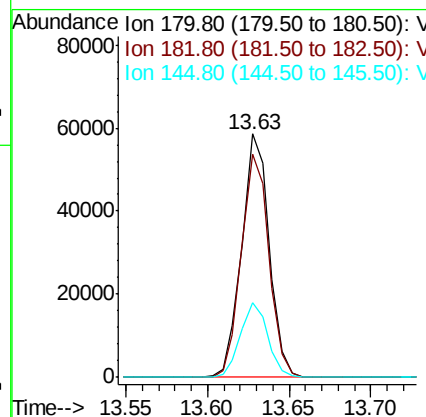
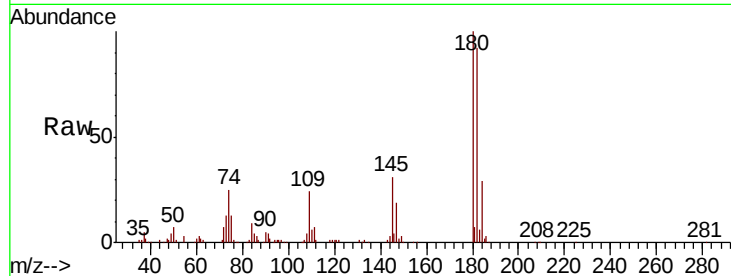
#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.826 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX016401.D  
 Acq: 22 May 2020 10:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0522WBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 68695 |       |       |
| 182     | 92.5  | 48.7  | 146.1 |       |
| 145     | 30.7  | 15.7  | 47.1  |       |

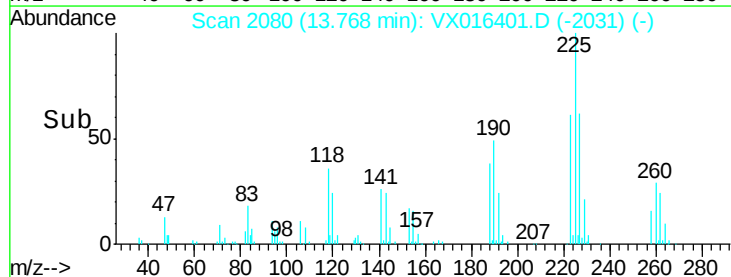
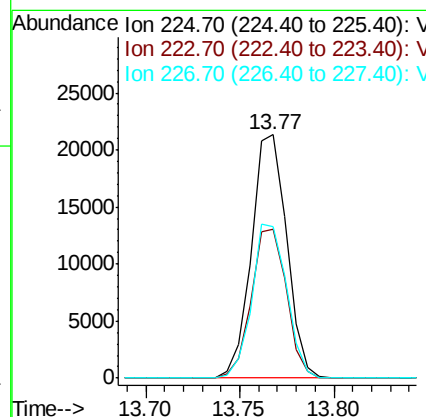
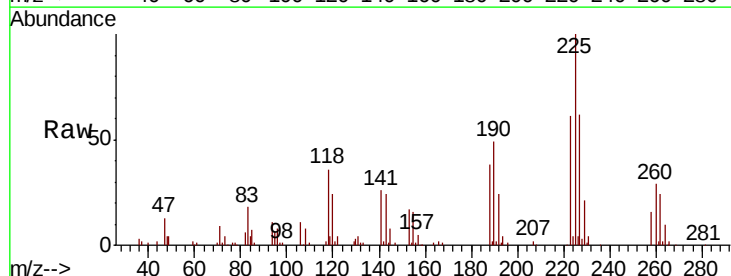
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#94  
 Hexachlorobutadiene  
 Concen: 16.110 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX016401.D  
 Acq: 22 May 2020 10:57

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 27691 |       |       |
| 223     | 61.1  | 32.3  | 96.9  |       |
| 227     | 62.4  | 31.8  | 95.4  |       |





#95

Naphthalene

Concen: 17.714 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

Instrument :

MSVOA\_X

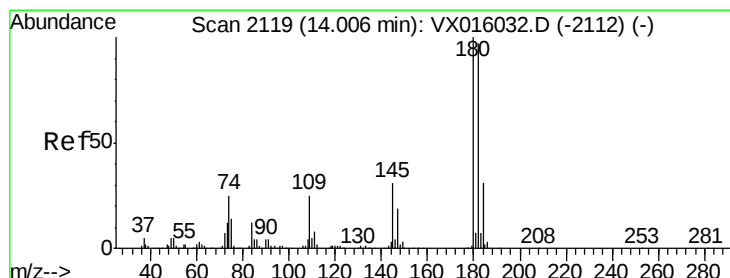
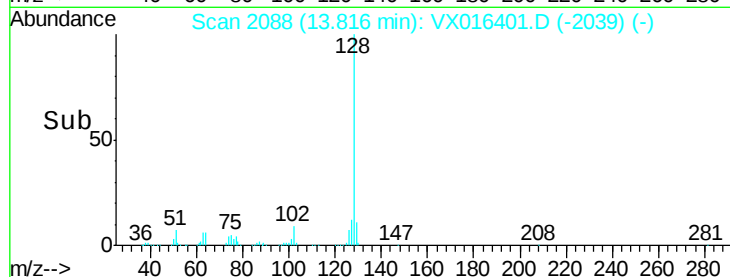
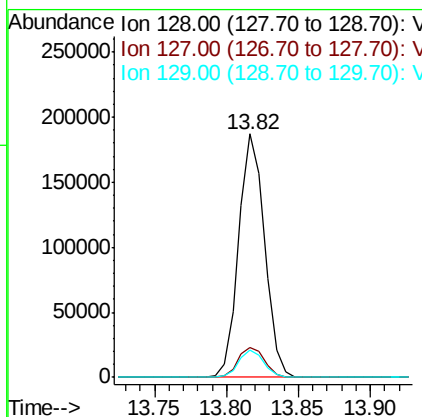
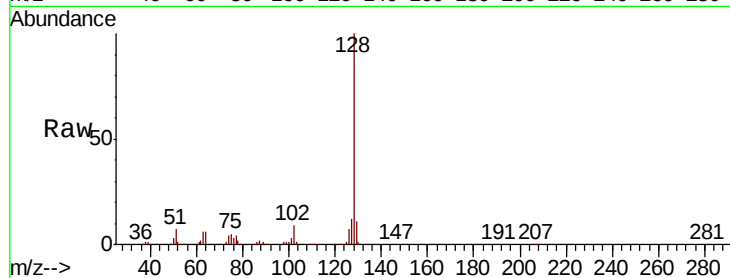
ClientSampleId :

VX0522WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 128  | Resp: | 234182 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 127       | 12.6 | 10.2  | 15.4   |
| 129       | 10.8 | 8.7   | 13.1   |

Manual Integrations  
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5/26/2020 11:44:03 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.696 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016401.D

Acq: 22 May 2020 10:57

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 180  | Resp: | 66619 |
| Ion Ratio |      | Lower | Upper |
| 180       | 100  |       |       |
| 182       | 95.1 | 48.4  | 145.0 |
| 145       | 33.1 | 16.4  | 49.1  |

