

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092120\  
 Data File : VX018516.D  
 Acq On : 21 Sep 2020 16:58  
 Operator : JC/SP  
 Sample : MDL01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL01

Manual Integrations  
 APPROVED

MMDadoda  
 10/6/2020 1:13:14 PM

Quant Time: Sep 22 02:18:03 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SFAMXLM092120WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Sep 22 01:45:38 2020

Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 654360   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 634666   | 50.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 305712   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 6774     | 1.56     | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 3.12%# |
| 7) Chloroethane-d5             | 1.70    | 69    | 5494     | 1.67     | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 3.34%# |
| 11) 1,1-Dichloroethene-d2      | 2.34    | 63    | 16519    | 1.87     | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 3.74%# |
| 21) 2-Butanone-d5              | 4.54    | 46    | 7990m    | 2.77     | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 2.77%# |
| 24) Chloroform-d               | 5.14    | 84    | 14194    | 1.71     | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 3.42%# |
| 26) 1,2-Dichloroethane-d4      | 6.03    | 65    | 11055m   | 1.76     | ug/L | -0.01  |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 3.52%# |
| 32) Benzene-d6                 | 6.05    | 84    | 24196    | 1.47     | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 2.94%# |
| 36) 1,2-Dichloropropane-d6     | 7.37    | 67    | 7583     | 1.48     | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 2.96%# |
| 41) Toluene-d8                 | 8.70    | 98    | 24339    | 1.51     | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 3.02%# |
| 43) trans-1,3-Dichloropropene- | 8.99    | 79    | 4836     | 1.64     | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 3.28%# |
| 47) 2-Hexanone-d5              | 9.43    | 63    | 5079     | 2.38     | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 2.38%# |
| 56) 1,1,2,2-Tetrachloroethane- | 11.23   | 84    | 9943     | 1.45     | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 2.90%# |
| 66) 1,2-Dichlorobenzene-d4     | 12.36   | 152   | 11419    | 1.94     | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 3.88%# |

#### Target Compounds

|                                |      |     |        |       | Ovalue    |
|--------------------------------|------|-----|--------|-------|-----------|
| 2) Dichlorodifluoromethane     | 1.18 | 85  | 11754  | 2.086 | ug/L 98   |
| 3) Chloromethane               | 1.31 | 50  | 9519   | 2.213 | ug/L 96   |
| 5) Vinyl chloride              | 1.39 | 62  | 10623  | 2.220 | ug/L 84   |
| 6) Bromomethane                | 1.64 | 94  | 6827   | 2.678 | ug/L 91   |
| 8) Chloroethane                | 1.71 | 64  | 6159   | 2.191 | ug/L 95   |
| 9) Trichlorofluoromethane      | 1.92 | 101 | 17031  | 2.108 | ug/L 94   |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.37 | 101 | 9023m  | 2.054 | ug/L      |
| 12) 1,1-Dichloroethene         | 2.36 | 96  | 9635m  | 2.338 | ug/L      |
| 13) Acetone                    | 2.43 | 43  | 8471   | 3.992 | ug/L 90   |
| 14) Carbon disulfide           | 2.55 | 76  | 28816  | 2.299 | ug/L 99   |
| 15) Methyl Acetate             | 2.76 | 43  | 9114   | 2.024 | ug/L # 89 |
| 16) Methylene chloride         | 2.83 | 84  | 11213  | 2.483 | ug/L 93   |
| 17) trans-1,2-Dichloroethene   | 3.14 | 96  | 9097   | 2.097 | ug/L 92   |
| 18) Methyl tert-butyl Ether    | 3.17 | 73  | 28042  | 2.007 | ug/L 98   |
| 19) 1,1-Dichloroethane         | 3.67 | 63  | 17893  | 2.219 | ug/L 97   |
| 20) cis-1,2-Dichloroethene     | 4.57 | 96  | 10741m | 2.265 | ug/L      |
| 22) 2-Butanone                 | 4.64 | 43  | 11306m | 3.509 | ug/L      |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092120\  
 Data File : VX018516.D  
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 Operator : JC/SP  
 Sample : MDL01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 MDL01

Manual Integrations  
 APPROVED

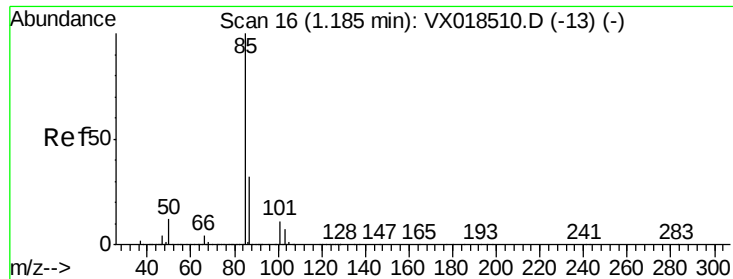
MMDadoda  
 10/6/2020 1:13:14 PM

Quant Time: Sep 22 02:18:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SFAMXLM092120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Sep 22 01:45:38 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 23) Bromochloromethane         | 4.99  | 128  | 5971m    | 2.288 | ug/L   |          |
| 25) Chloroform                 | 5.17  | 83   | 19180    | 2.128 | ug/L   | 100      |
| 27) 1,2-Dichloroethane         | 6.17  | 62   | 14244    | 1.974 | ug/L # | 94       |
| 29) Cyclohexane                | 5.54  | 56   | 13694m   | 1.967 | ug/L   |          |
| 30) 1,1,1-Trichloroethane      | 5.45  | 97   | 17264m   | 2.024 | ug/L   |          |
| 31) Carbon tetrachloride       | 5.75  | 117  | 14588    | 1.894 | ug/L   | 94       |
| 33) Benzene                    | 6.11  | 78   | 34795    | 1.954 | ug/L   | 100      |
| 34) Trichloroethene            | 7.19  | 95   | 10411    | 2.096 | ug/L   | 85       |
| 35) Methylcyclohexane          | 7.44  | 83   | 12789    | 1.772 | ug/L # | 86       |
| 37) 1,2-Dichloropropane        | 7.49  | 63   | 10472    | 2.229 | ug/L   | 99       |
| 38) Bromodichloromethane       | 7.87  | 83   | 13678    | 2.028 | ug/L   | 92       |
| 39) cis-1,3-Dichloropropene    | 8.41  | 75   | 16134    | 2.127 | ug/L   | 91       |
| 40) 4-Methyl-2-pentanone       | 8.62  | 43   | 20292    | 3.256 | ug/L   | 97       |
| 42) Toluene                    | 8.76  | 91   | 37772    | 1.975 | ug/L   | 90       |
| 44) trans-1,3-Dichloropropene  | 9.02  | 75   | 13913    | 1.803 | ug/L   | 100      |
| 45) 1,1,2-Trichloroethane      | 9.20  | 97   | 9261     | 2.035 | ug/L   | 93       |
| 46) Tetrachloroethene          | 9.32  | 164  | 8409     | 2.057 | ug/L   | 88       |
| 48) 2-Hexanone                 | 9.48  | 43   | 15498    | 3.157 | ug/L # | 92       |
| 49) Dibromochloromethane       | 9.57  | 129  | 11414    | 1.990 | ug/L   | 96       |
| 50) 1,2-Dibromoethane          | 9.65  | 107  | 9780     | 1.954 | ug/L # | 100      |
| 51) Chlorobenzene              | 10.12 | 112  | 26785    | 2.085 | ug/L   | 97       |
| 52) Ethylbenzene               | 10.23 | 91   | 38760    | 1.819 | ug/L   | 95       |
| 53) m,p-Xylene                 | 10.34 | 106  | 13799    | 1.700 | ug/L   | 87       |
| 54) o-Xylene                   | 10.68 | 106  | 13881    | 1.776 | ug/L   | 71       |
| 55) Styrene                    | 10.70 | 104  | 22348    | 1.661 | ug/L   | 96       |
| 57) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 12395    | 1.780 | ug/L   | 87       |
| 59) Bromoform                  | 10.84 | 173  | 7739     | 1.920 | ug/L # | 98       |
| 60) Isopropylbenzene           | 11.00 | 105  | 36043    | 1.843 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane     | 11.27 | 75   | 10938    | 1.983 | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 27570    | 1.707 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 25842    | 1.571 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene        | 12.01 | 146  | 20481    | 2.120 | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene        | 12.08 | 146  | 21020    | 2.155 | ug/L   | 94       |
| 67) 1,2-Dichlorobenzene        | 12.38 | 146  | 20312    | 2.184 | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropropan | 12.99 | 75   | 3663     | 2.264 | ug/L   | 90       |
| 69) 1,3,5-Trichlorobenzene     | 13.15 | 180  | 13858    | 2.163 | ug/L   | 88       |
| 70) 1,2,4-trichlorobenzene     | 13.63 | 180  | 10718    | 1.822 | ug/L   | 97       |
| 71) Naphthalene                | 13.82 | 128  | 29379    | 1.600 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene     | 14.01 | 180  | 11770    | 1.996 | ug/L   | 90       |
| -----                          |       |      |          |       |        |          |

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





#2

Dichlorodifluoromethane

Concen: 2.086 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Instrument :

MSVOA\_X

ClientSampled :

MDL01

Tot Ion: 85 Resp: 11754

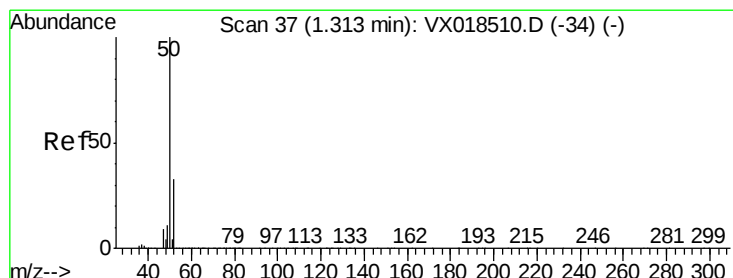
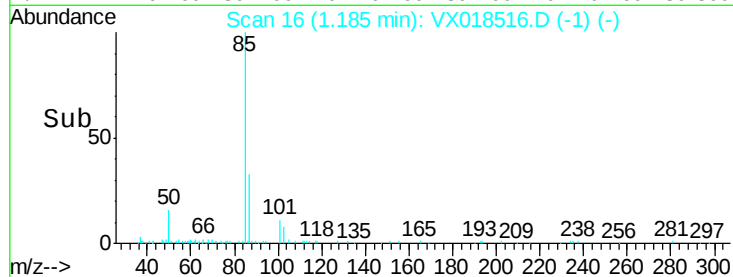
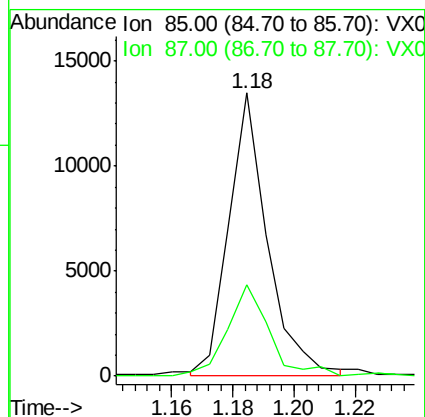
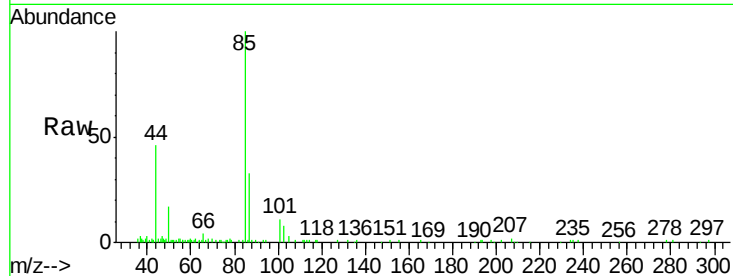
Ion Ratio Lower Upper

85 100

87 33.9 26.2 39.4

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#3

Chloromethane

Concen: 2.213 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018516.D

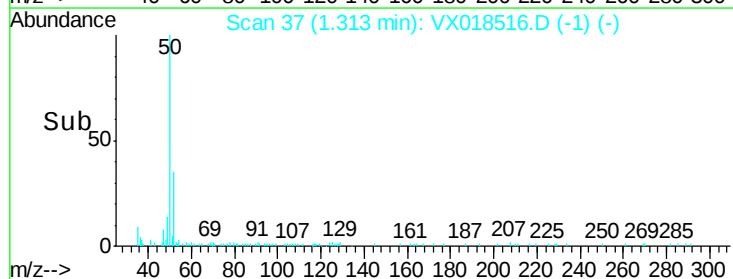
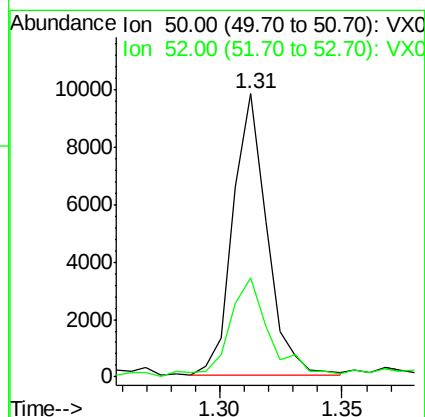
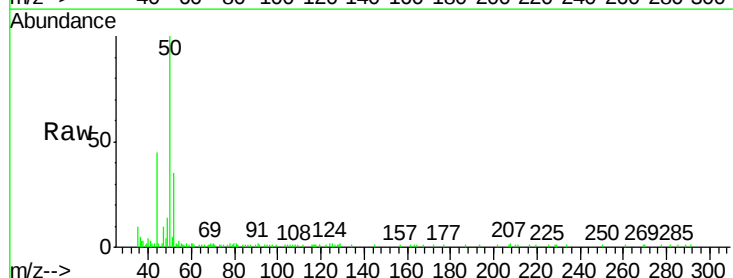
Acq: 21 Sep 2020 16:58

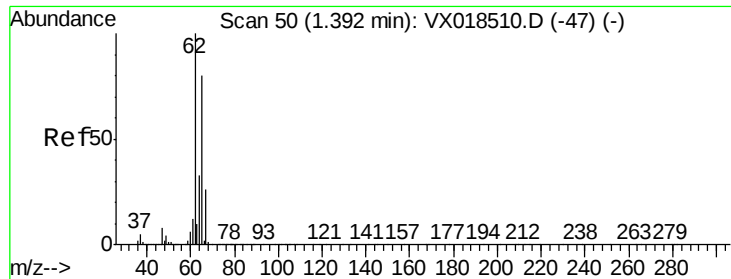
Tgt Ion: 50 Resp: 9519

Ion Ratio Lower Upper

50 100

52 35.0 23.0 42.6





#5

Vinyl chloride

Concen: 2.220 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Instrument :

MSVOA\_X

ClientSampled :

MDL01

Tot Ion: 62 Resp: 10623

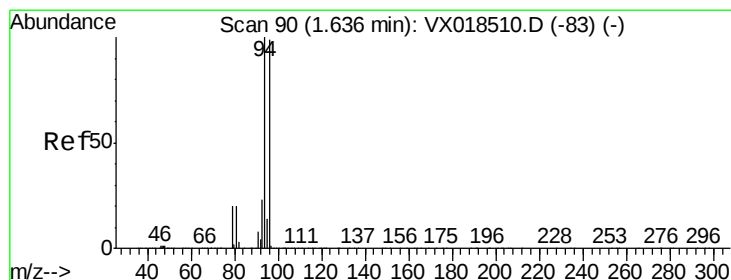
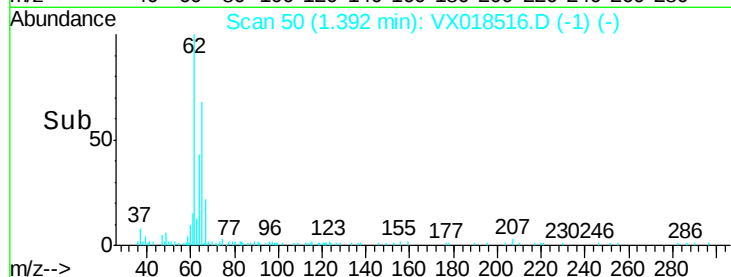
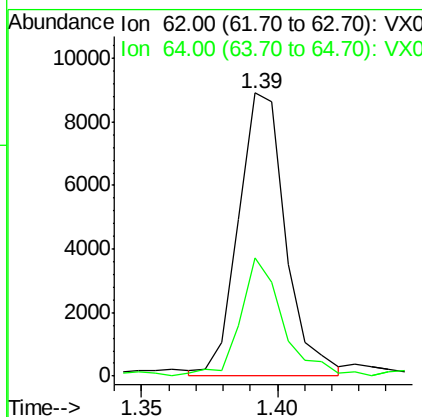
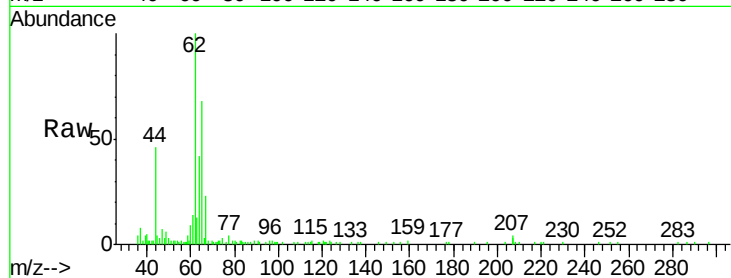
Ion Ratio Lower Upper

62 100

64 41.7 23.0 42.6

Manual Integrations  
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#6

Bromomethane

Concen: 2.678 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018516.D

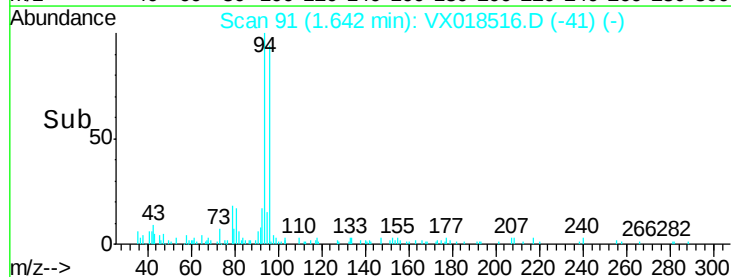
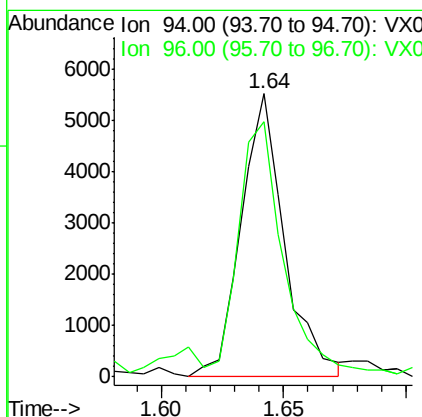
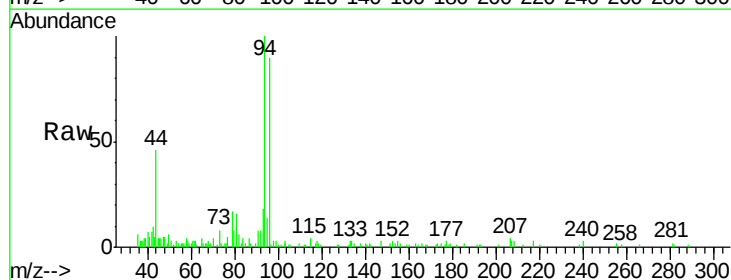
Acq: 21 Sep 2020 16:58

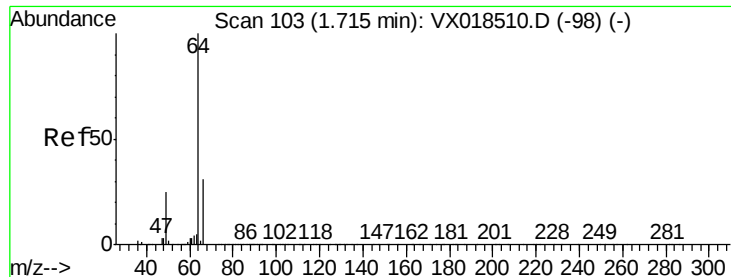
Tgt Ion: 94 Resp: 6827

Ion Ratio Lower Upper

94 100

96 90.3 69.2 128.4





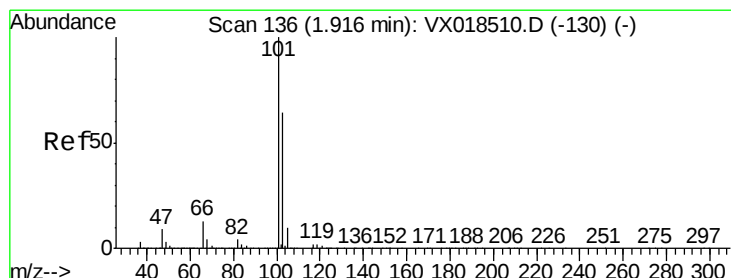
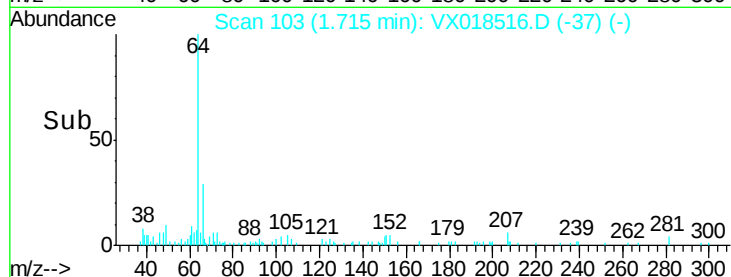
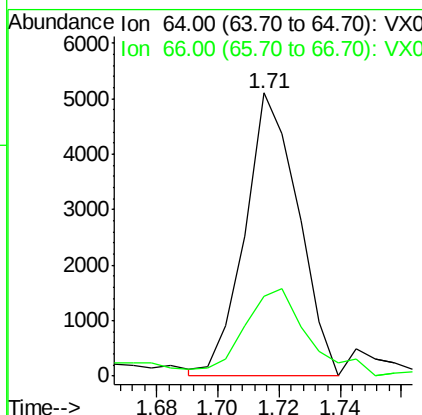
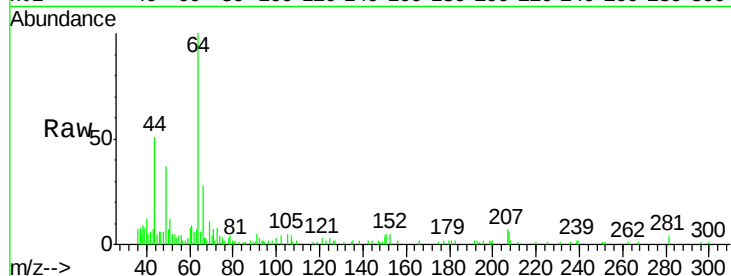
#8  
Chloroethane  
Concen: 2.191 ug/L  
RT: 1.71 min Scan# 103  
Delta R.T. -0.00 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 64      | 100   |       |       |
| 66      | 28.1  | 21.6  | 40.2  |

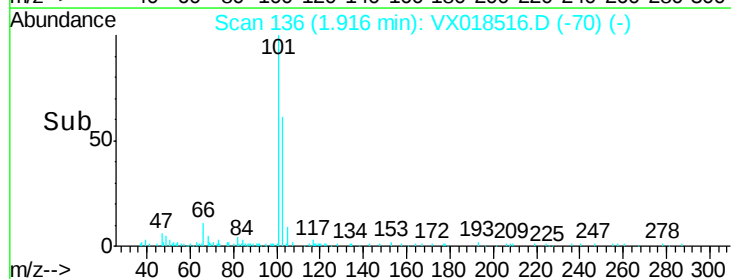
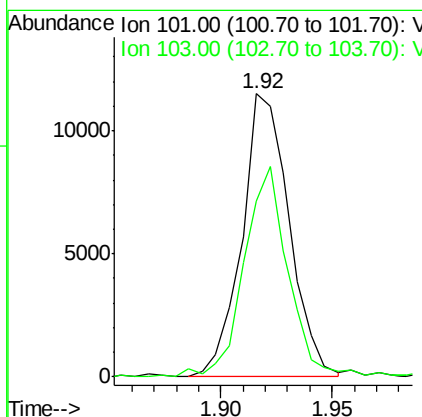
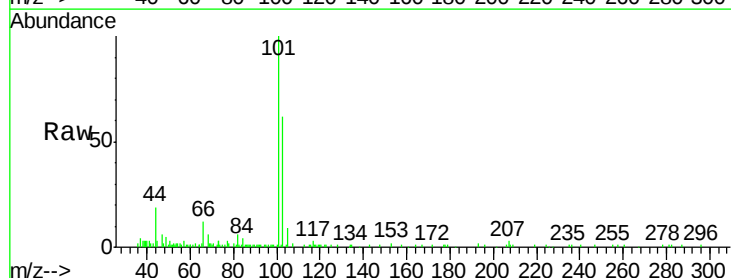
Manual Integrations  
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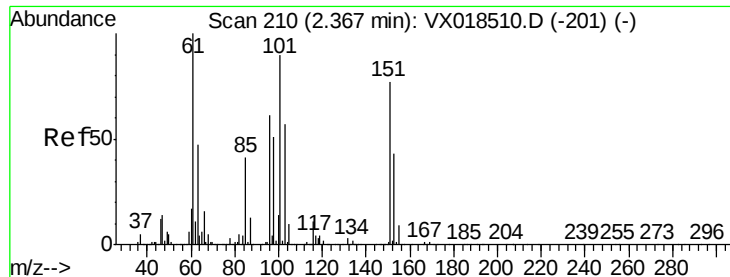
MMDadoda  
10/6/2020 1:13:14 PM



#9  
Trichlorofluoromethane  
Concen: 2.108 ug/L  
RT: 1.92 min Scan# 136  
Delta R.T. -0.00 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 69.0  | 51.5  | 77.3  |





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.054 ug/L m

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Instrument :

MSVOA\_X

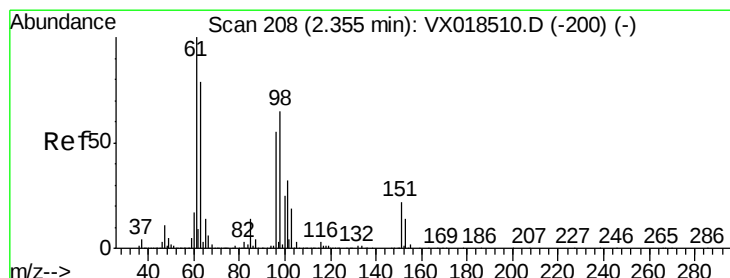
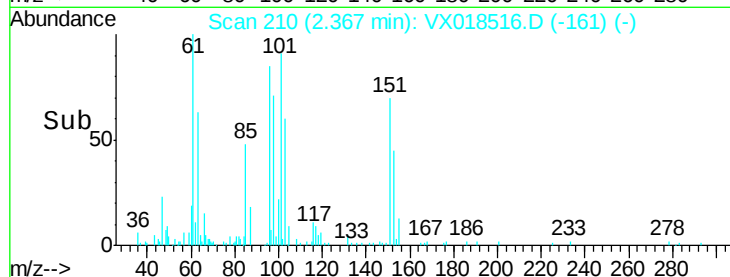
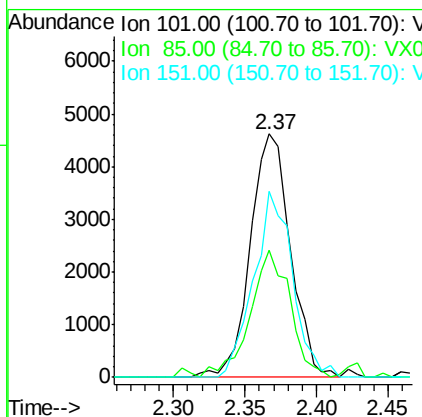
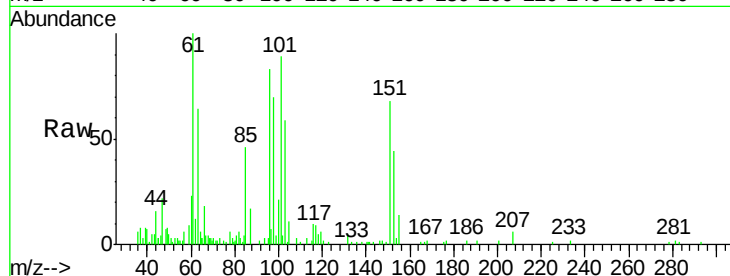
ClientSampleId :

MDL01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 9023  |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 0.6   | 34.9  | 52.3# |
| 151       | 1.1   | 65.0  | 97.4# |

Manual Integrations  
APPROVED

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10/6/2020 1:13:14 PM



#12

1,1-Dichloroethene

Concen: 2.338 ug/L m

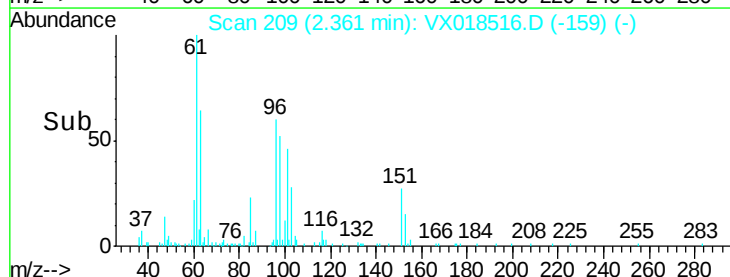
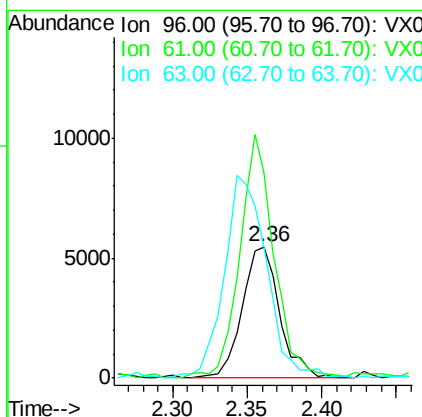
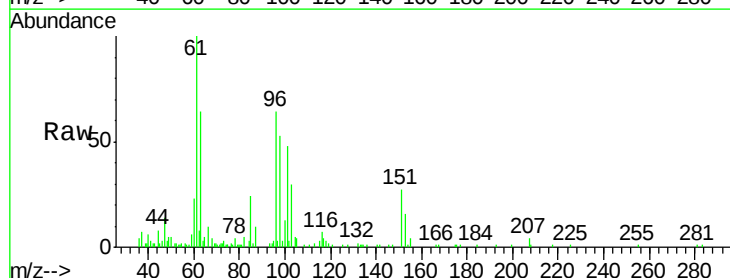
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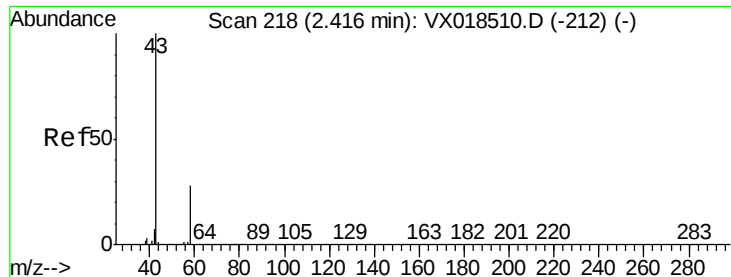
Delta R.T. 0.01 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 96    | Resp: | 9635   |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 156.1 | 126.8 | 235.6  |
| 63        | 99.6  | 100.3 | 186.3# |





#13

Acetone

Concen: 3.992 ug/L

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Instrument :

MSVOA\_X

ClientSampled :

MDL01

Tot Ion: 43 Resp: 8471

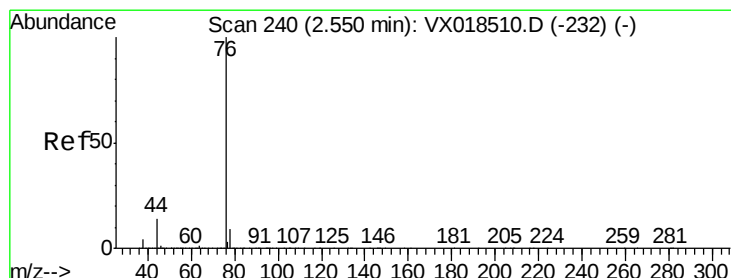
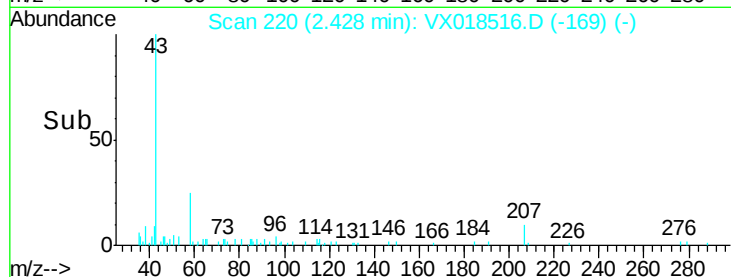
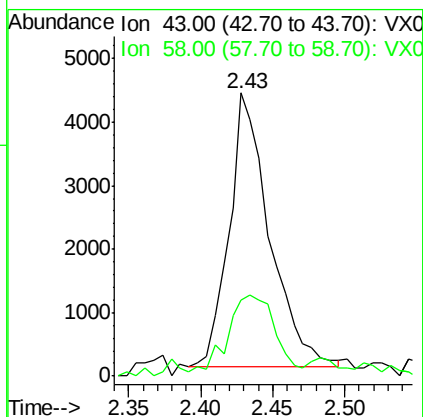
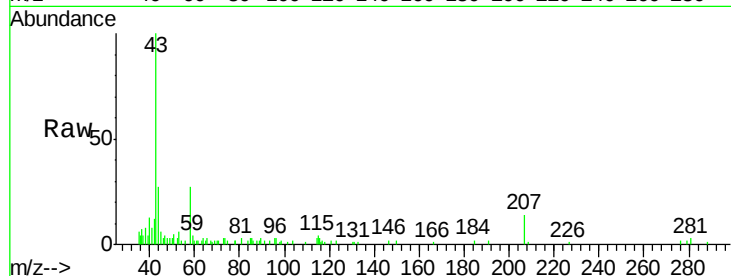
Ion Ratio Lower Upper

43 100

58 34.1 0.0 57.6

Manual Integrations  
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#14

Carbon disulfide

Concen: 2.299 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018516.D

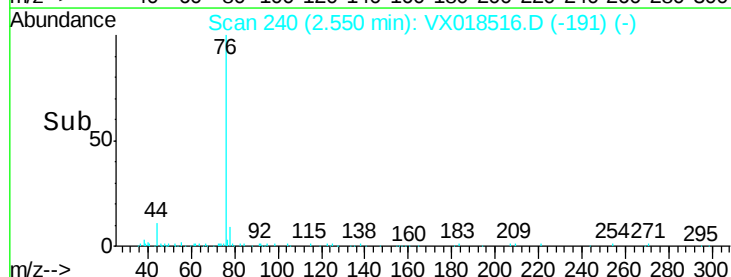
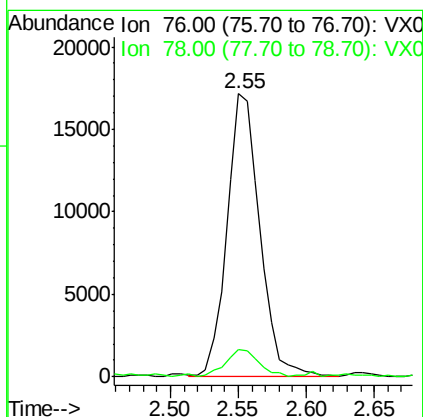
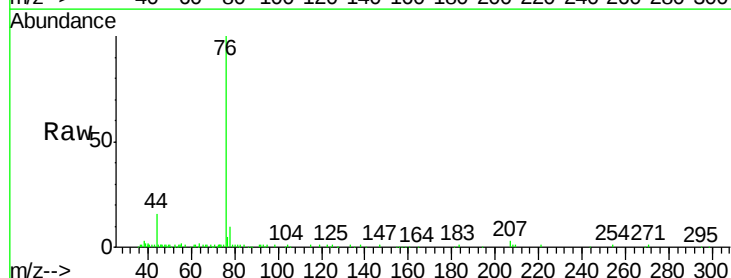
Acq: 21 Sep 2020 16:58

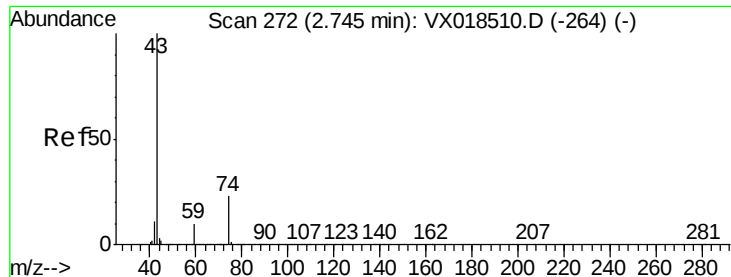
Tgt Ion: 76 Resp: 28816

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2





#15

Methyl Acetate

Concen: 2.024 ug/L

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Instrument :

MSVOA\_X

ClientSampled :

MDL01

Tot Ion: 43 Resp: 9114

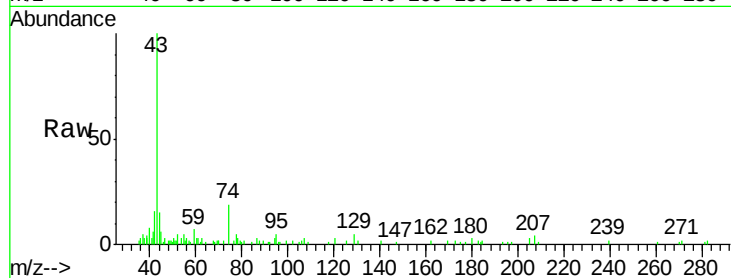
Ion Ratio Lower Upper

43 100

74 25.3 0.1 0.1#

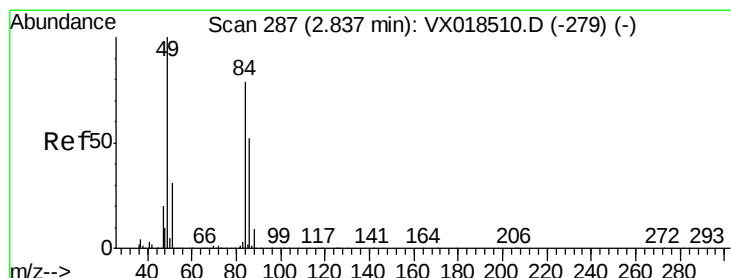
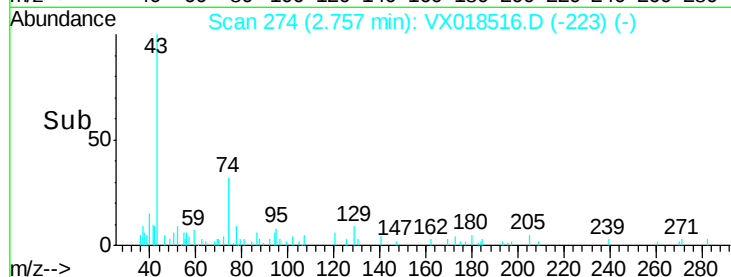
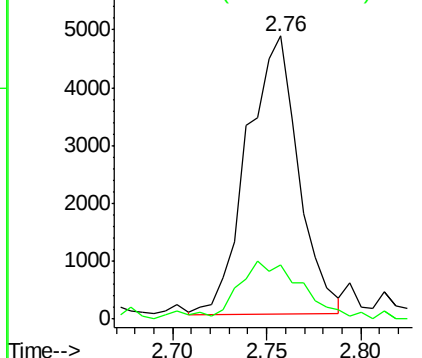
Manual Integrations  
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#16

Methylene chloride

Concen: 2.483 ug/L

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

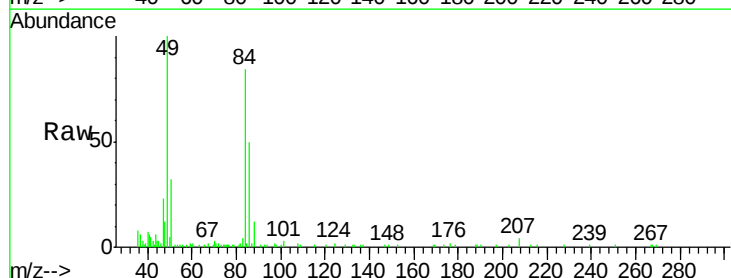
Tgt Ion: 84 Resp: 11213

Ion Ratio Lower Upper

84 100

86 59.4 46.1 85.7

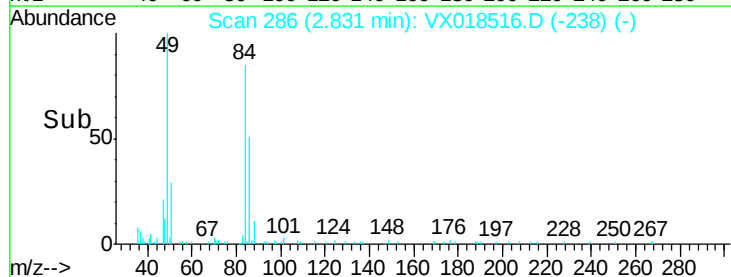
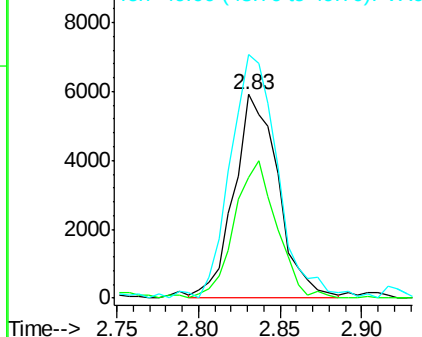
49 119.4 88.5 164.3

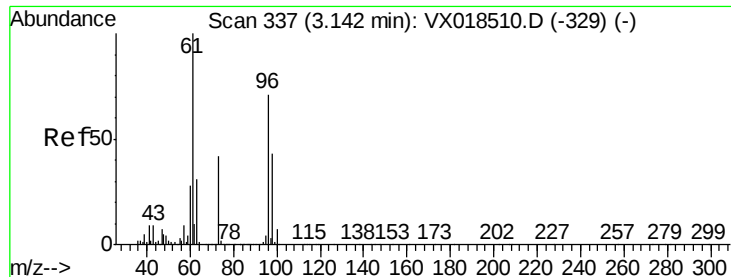


Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.00 (48.70 to 49.70): VX0





#17

trans-1,2-Dichloroethene

Concen: 2.097 ug/L

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Instrument :

MSVOA\_X

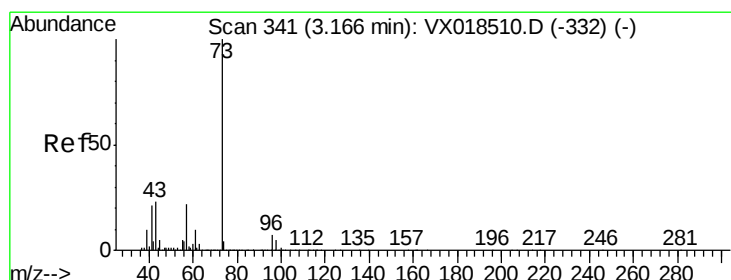
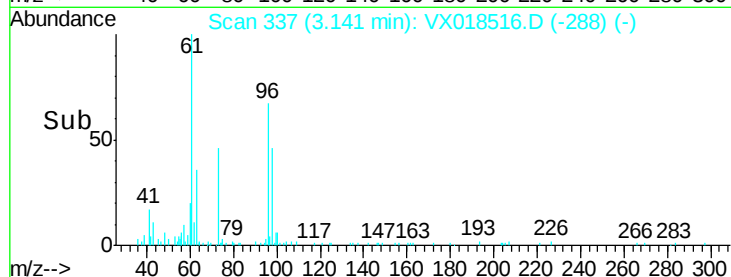
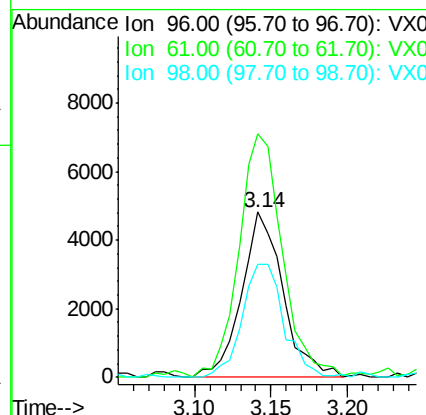
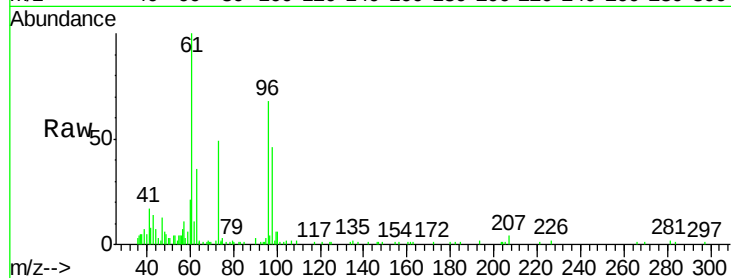
ClientSampleId :

MDL01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 9097  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 147.6 | 98.3  | 182.5 |
| 98       | 68.6  | 42.0  | 78.0  |

Manual Integrations  
APPROVED

MMDadoda  
10/6/2020 1:13:14 PM



#18

Methyl tert-butyl Ether

Concen: 2.007 ug/L

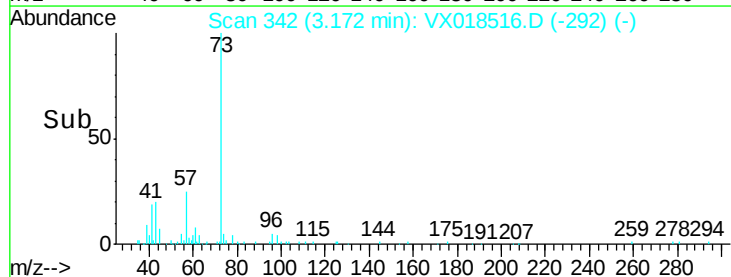
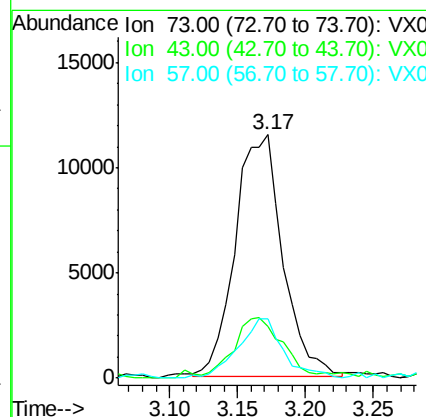
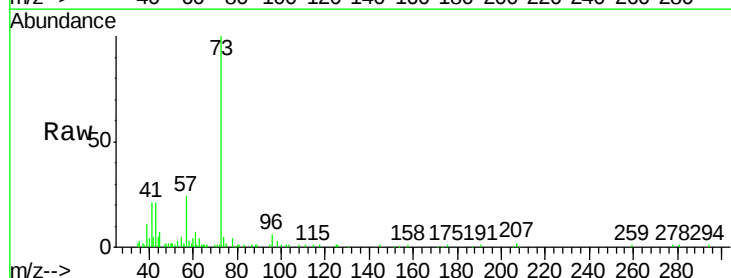
RT: 3.17 min Scan# 342

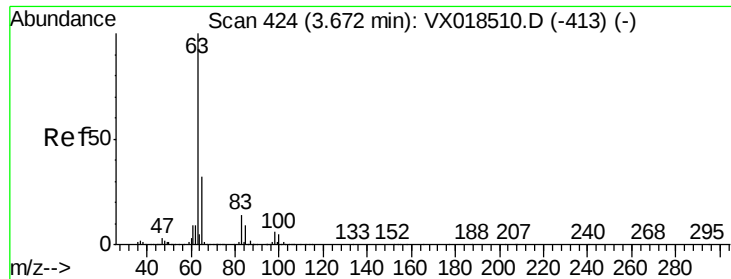
Delta R.T. 0.01 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 73    | Resp: | 28042 |
| Ion      | Ratio | Lower | Upper |
| 73       | 100   |       |       |
| 43       | 22.2  | 17.8  | 26.6  |
| 57       | 23.3  | 17.1  | 25.7  |





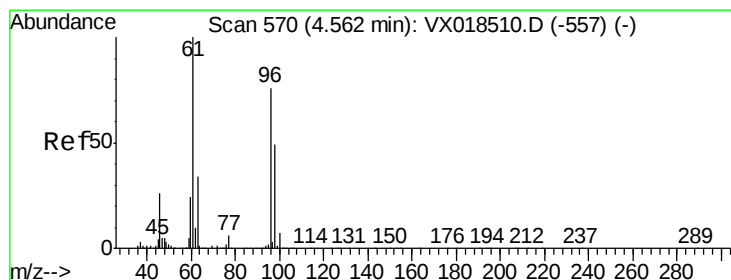
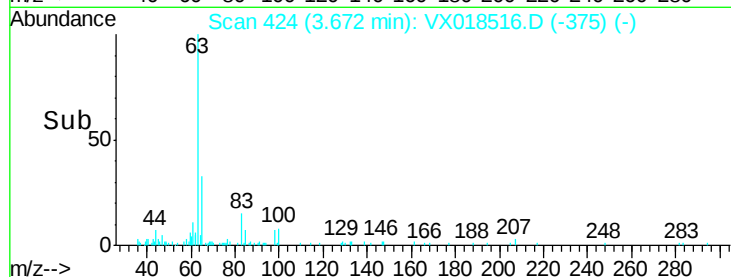
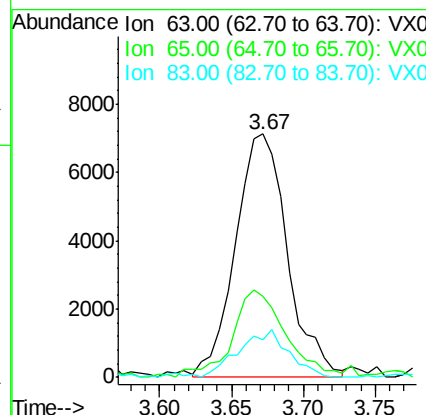
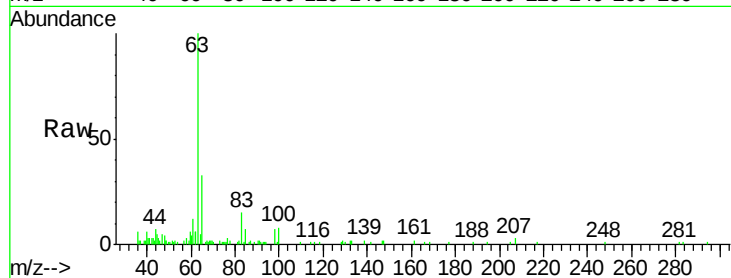
#19  
 1,1-Dichloroethane  
 Concen: 2.219 ug/L  
 RT: 3.67 min Scan# 424  
 Delta R.T. -0.00 min  
 Lab File: VX018516.D  
 Acq: 21 Sep 2020 16:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 33.4  | 22.5  | 41.7  |
| 83      | 15.2  | 9.7   | 17.9  |

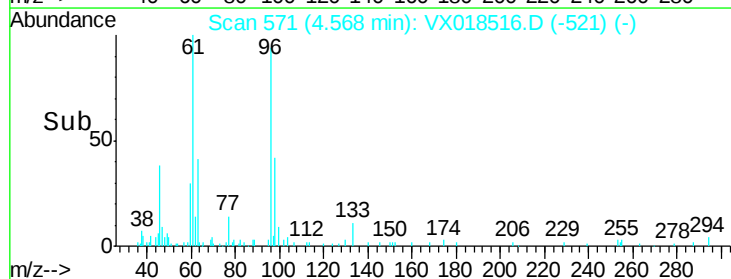
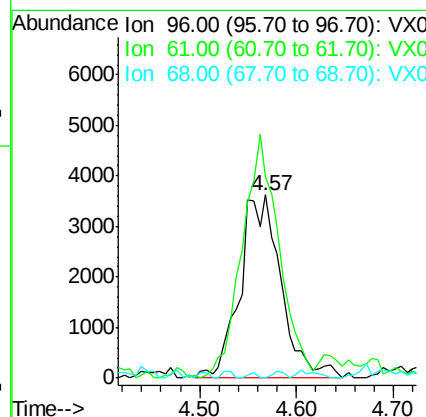
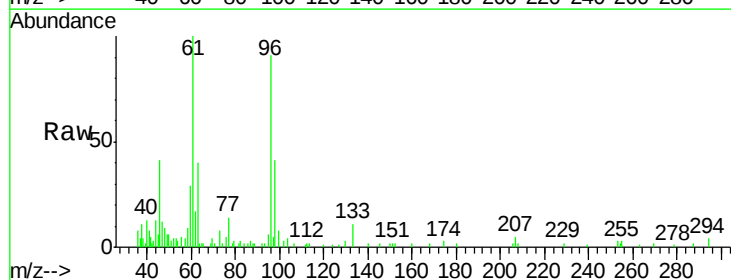
Manual Integrations  
 APPROVED

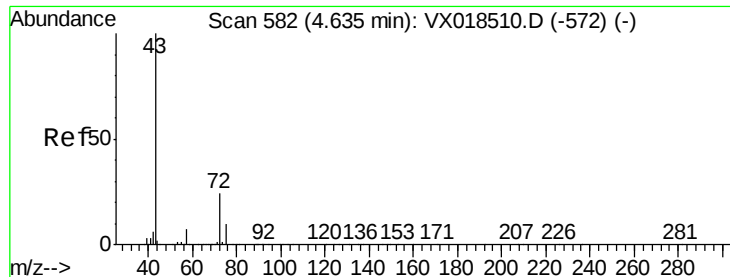
MMDadoda  
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#20  
 cis-1,2-Dichloroethene  
 Concen: 2.265 ug/L m  
 RT: 4.57 min Scan# 571  
 Delta R.T. 0.01 min  
 Lab File: VX018516.D  
 Acq: 21 Sep 2020 16:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 109.7 | 91.8  | 170.6 |
| 68      | 0.0   | 0.0   | 0.0   |





#22

2-Butanone

Concen: 3.509 ug/L m

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Instrument :

MSVOA\_X

ClientSampleId :

MDL01

Tot Ion: 43 Resp: 11306

Ion Ratio Lower Upper

43 100

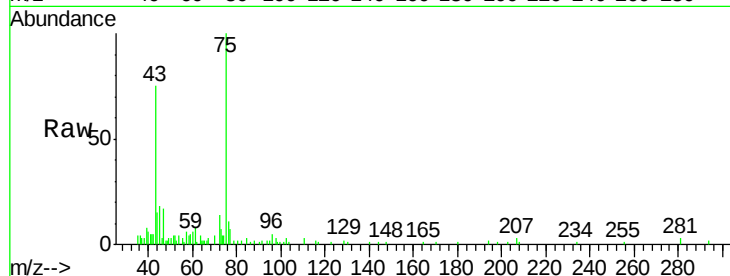
72 11.6 12.9 38.6#

Manual Integrations

APPROVED

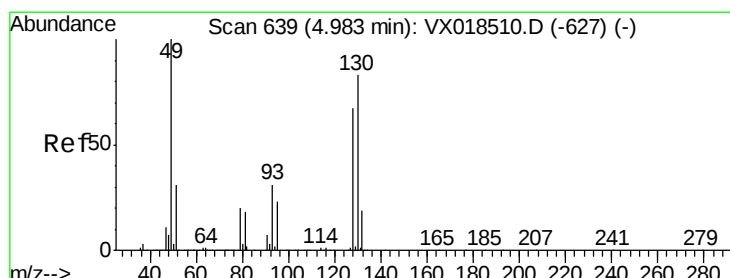
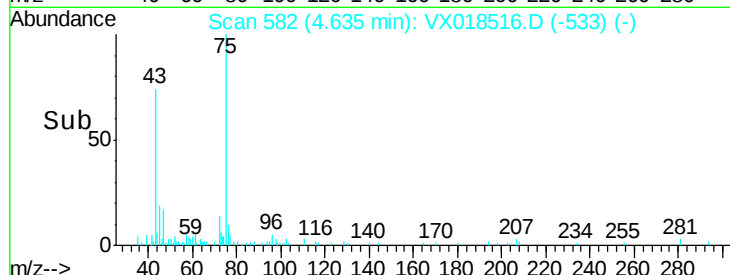
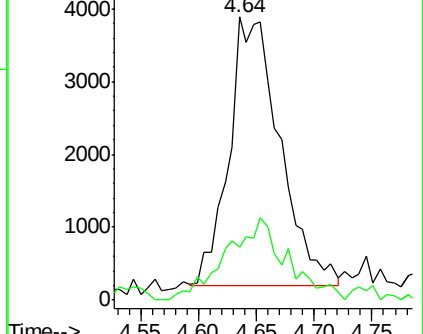
MMDadoda

10/6/2020 1:13:14 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#23

Bromochloromethane

Concen: 2.288 ug/L m

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Tgt Ion: 128 Resp: 5971

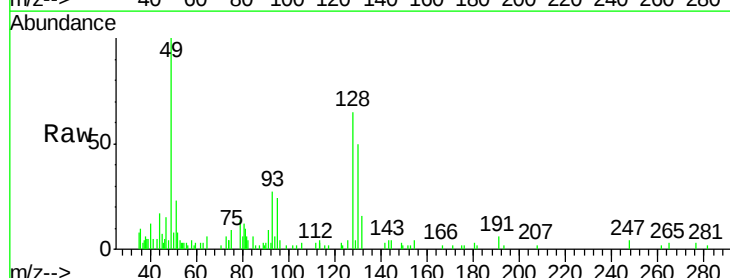
Ion Ratio Lower Upper

128 100

49 153.5 104.9 194.7

130 76.1 86.5 160.7#

51 34.7 37.0 55.6#

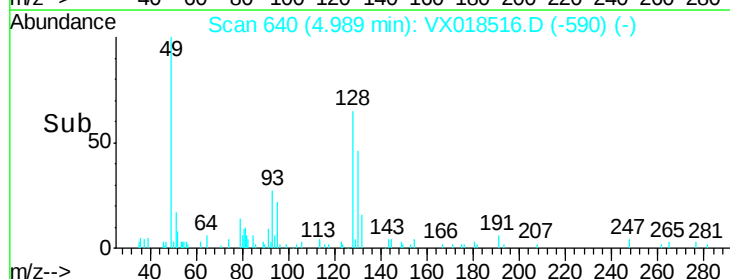
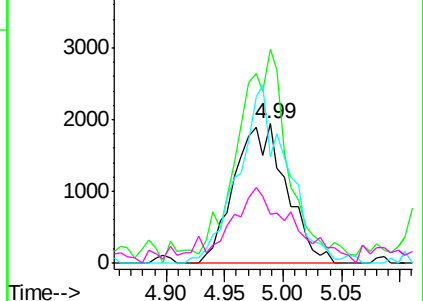


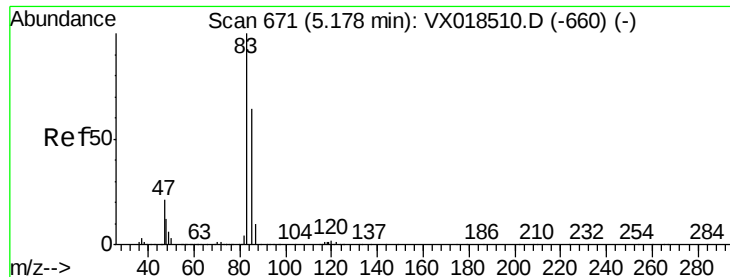
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VX0





#25

Chloroform

Concen: 2.128 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Instrument :

MSVOA\_X

ClientSampleId :

MDL01

Tot Ion: 83 Resp: 19180

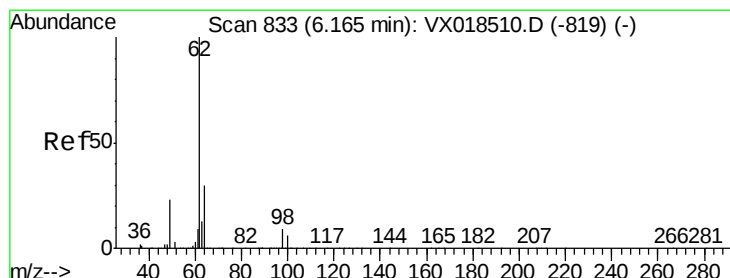
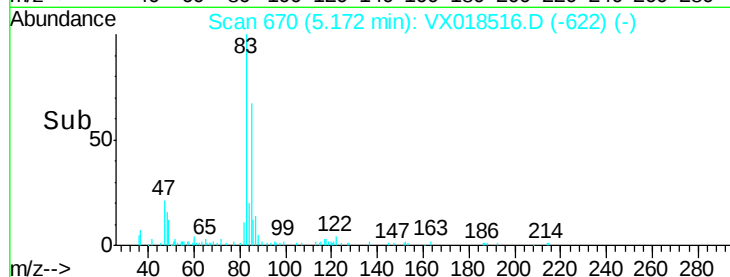
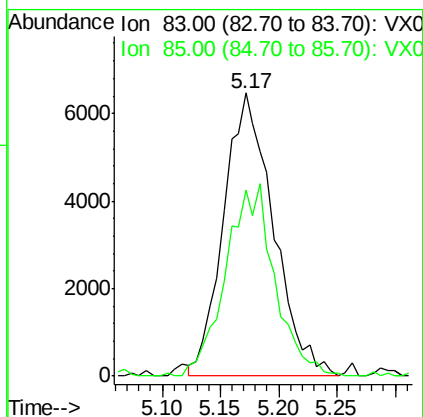
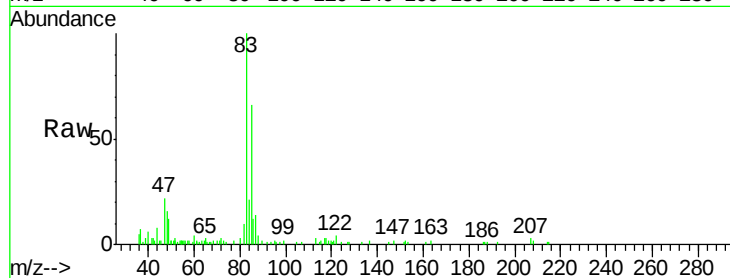
Ion Ratio Lower Upper

83 100

85 65.6 45.6 84.8

Manual Integrations  
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#27

1,2-Dichloroethane

Concen: 1.974 ug/L

RT: 6.17 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX018516.D

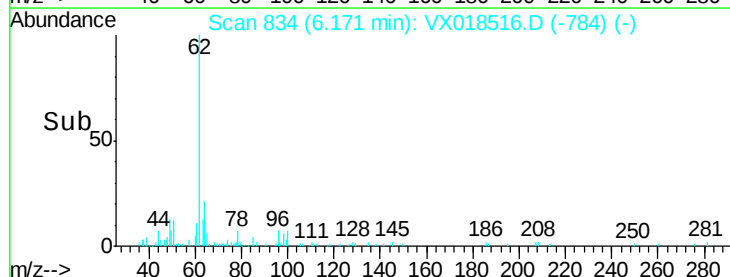
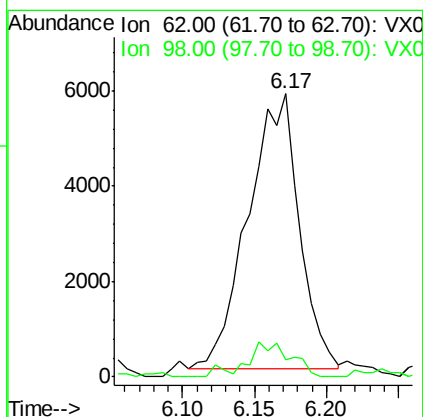
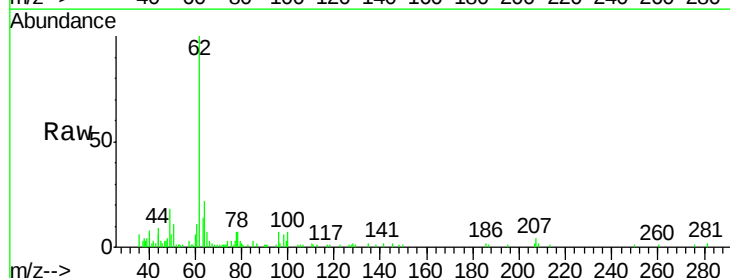
Acq: 21 Sep 2020 16:58

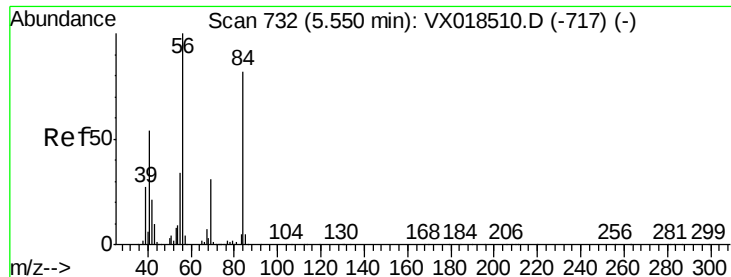
Tgt Ion: 62 Resp: 14244

Ion Ratio Lower Upper

62 100

98 6.2 6.7 10.1#





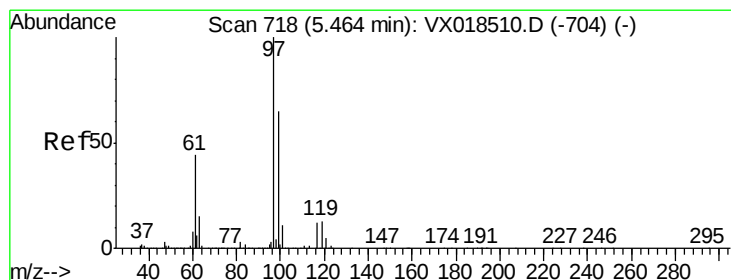
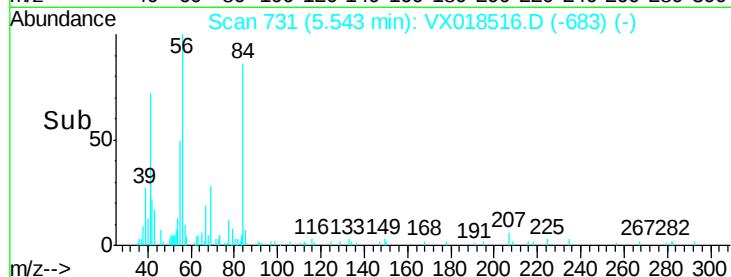
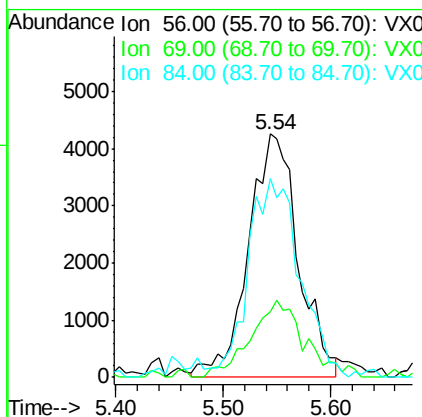
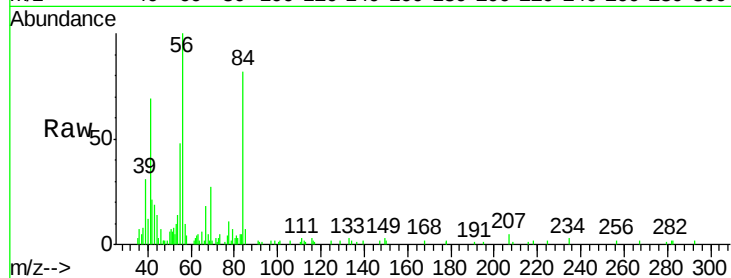
#29  
Cyclohexane  
Concen: 1.967 ug/L m  
RT: 5.54 min Scan# 731  
Delta R.T. -0.01 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL01

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 56      | 100   |       |        |
| 69      | 0.5   | 25.2  | 37.8#  |
| 84      | 1.1   | 69.1  | 103.7# |

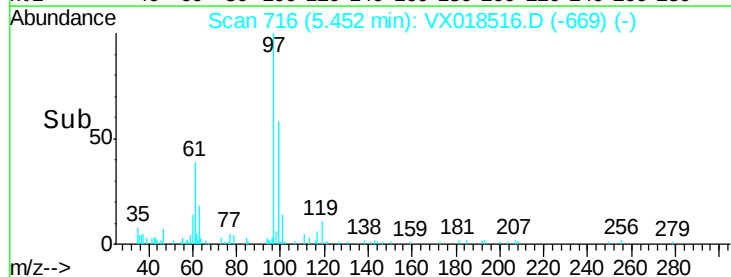
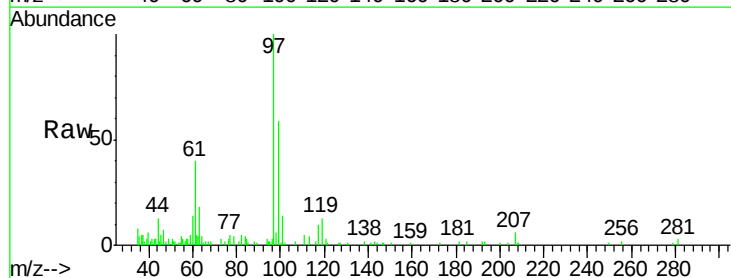
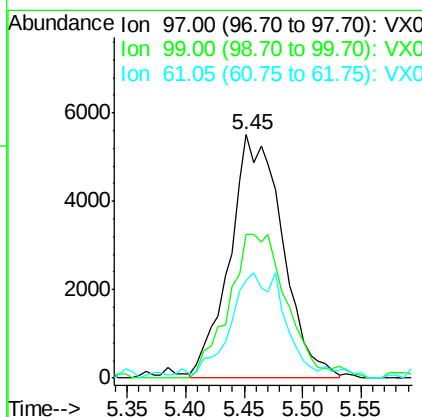
Manual Integrations  
APPROVED

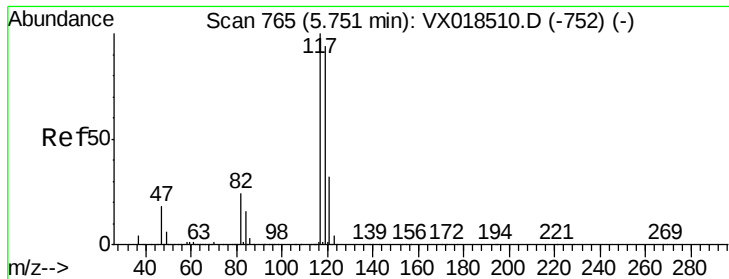
MMDadoda  
10/6/2020 1:13:14 PM



#30  
1,1,1-Trichloroethane  
Concen: 2.024 ug/L m  
RT: 5.45 min Scan# 716  
Delta R.T. -0.01 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 37.9  | 51.9  | 77.9# |
| 61      | 30.2  | 34.4  | 51.6# |





#31

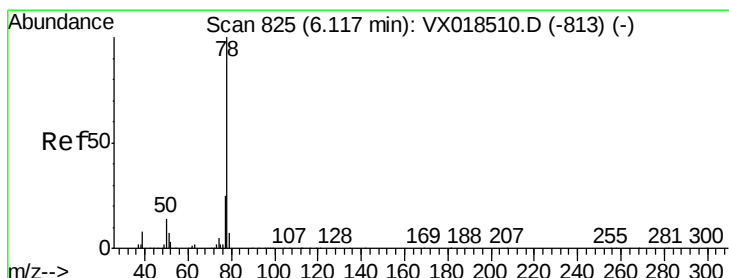
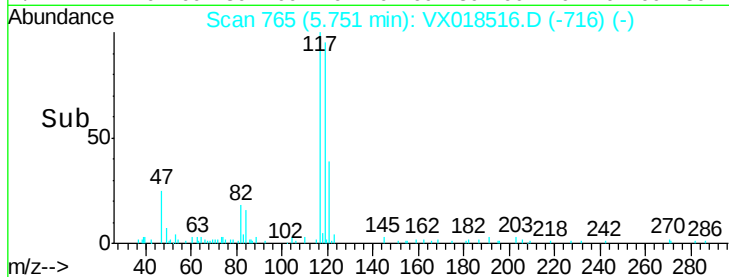
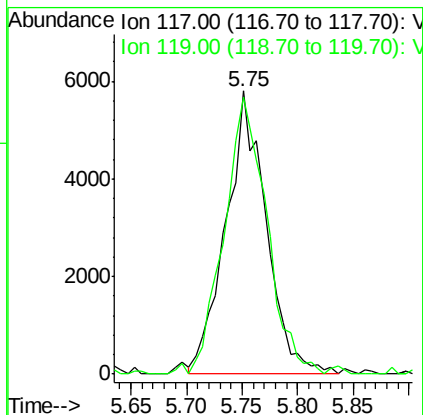
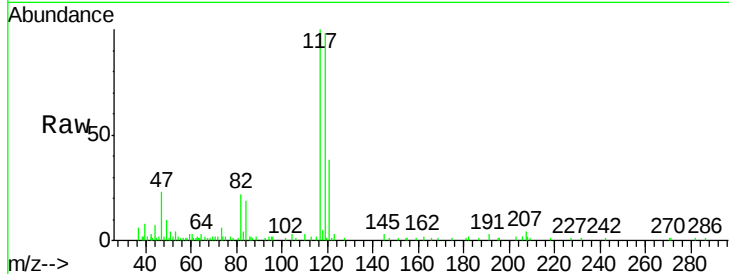
Carbon tetrachloride  
Concen: 1.894 ug/L  
RT: 5.75 min Scan# 765  
Delta R.T. -0.00 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL01

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   |       |       |       |
| 119     | 103.2 | 77.5  | 116.3 |       |

Manual Integrations  
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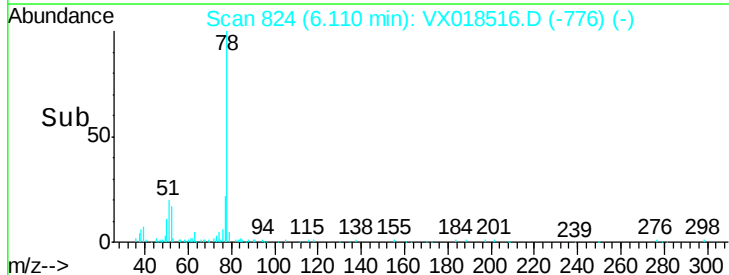
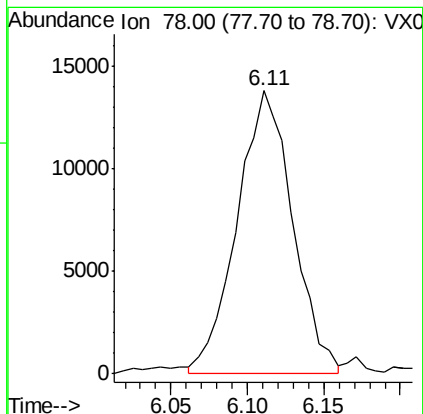
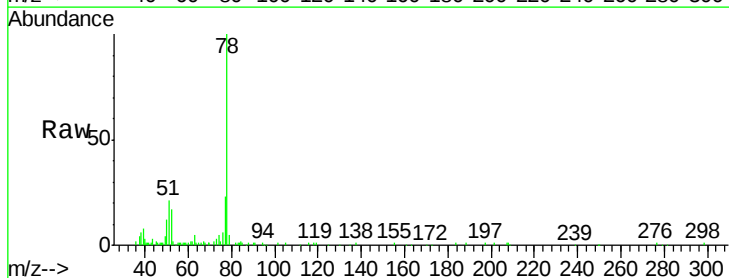
MMDadoda  
10/6/2020 1:13:14 PM

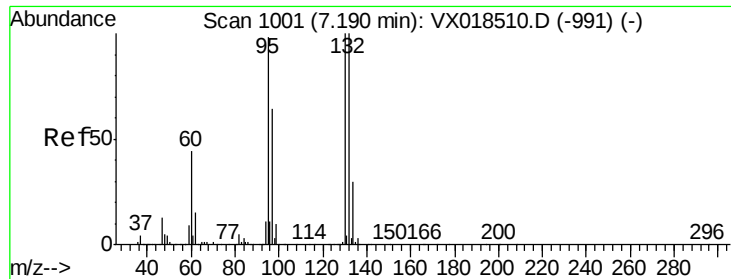


#33

Benzene  
Concen: 1.954 ug/L  
RT: 6.11 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

Tgt Ion: 78 Resp: 34795





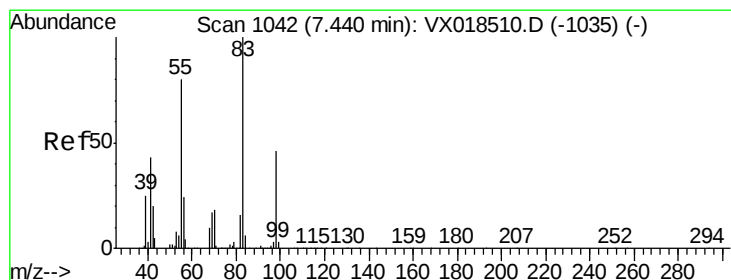
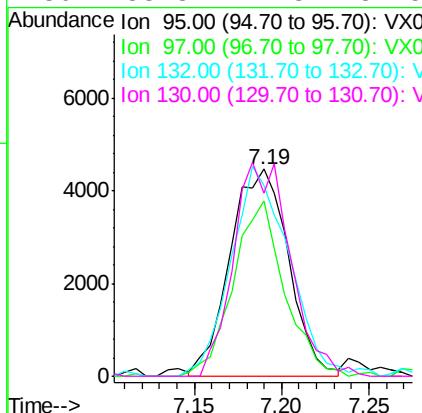
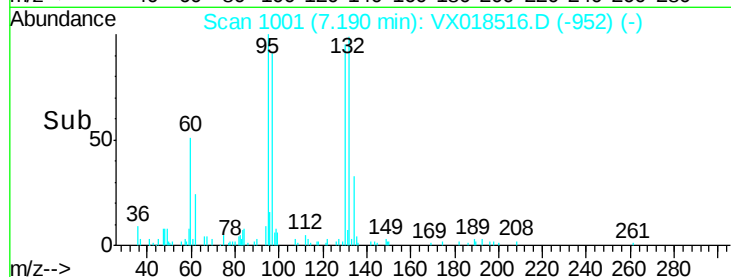
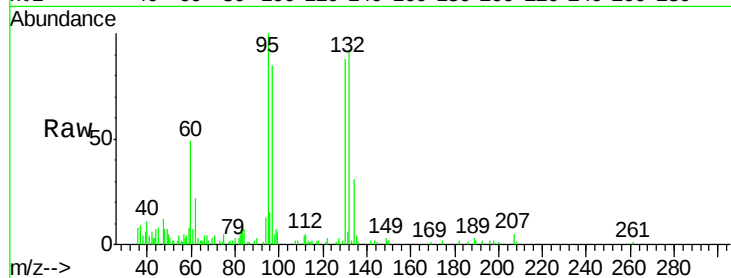
#34  
 Trichloroethene  
 Concen: 2.096 ug/L  
 RT: 7.19 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: VX018516.D  
 Acq: 21 Sep 2020 16:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL01

| Tot Ion | 95    | Resp  | 10411 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 95      | 100   |       |       |
| 97      | 84.9  | 46.0  | 85.4  |
| 132     | 92.4  | 71.7  | 133.1 |
| 130     | 88.3  | 71.3  | 132.5 |

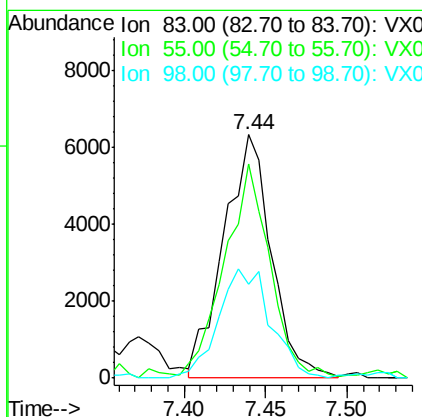
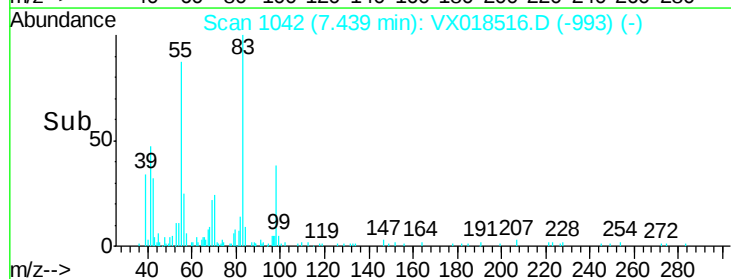
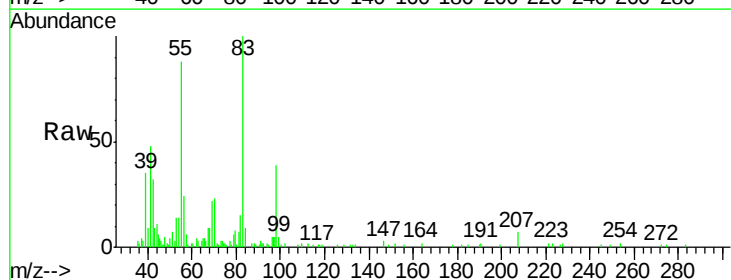
Manual Integrations  
 APPROVED

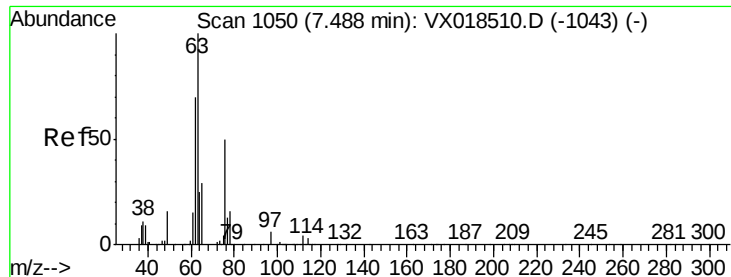
MMDadoda  
 10/6/2020 1:13:14 PM



#35  
 Methylcyclohexane  
 Concen: 1.772 ug/L  
 RT: 7.44 min Scan# 1042  
 Delta R.T. -0.00 min  
 Lab File: VX018516.D  
 Acq: 21 Sep 2020 16:58

| Tgt Ion | 83    | Resp  | 12789 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 83      | 100   |       |       |
| 55      | 83.7  | 61.6  | 92.4  |
| 98      | 30.8  | 37.0  | 55.4# |





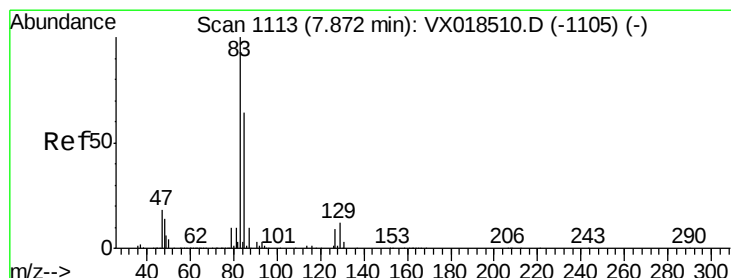
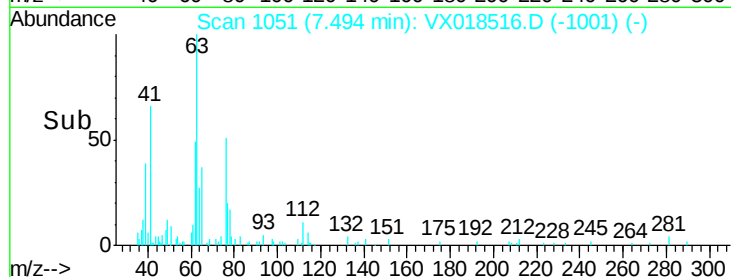
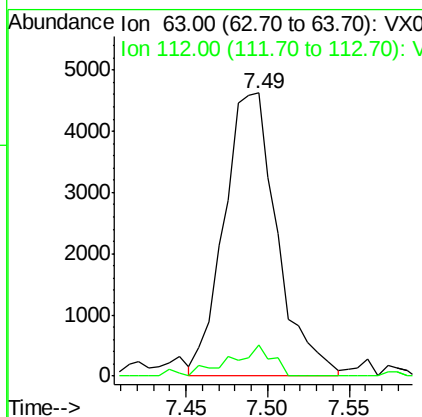
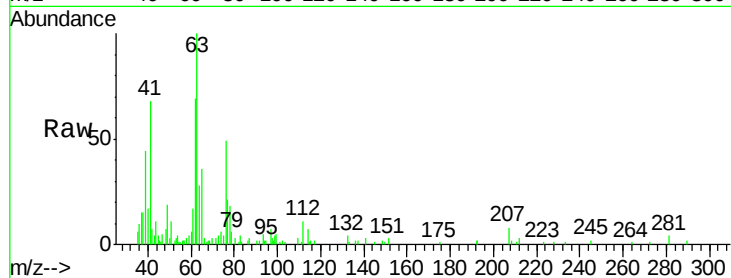
#37  
 1,2-Dichloropropane  
 Concen: 2.229 ug/L  
 RT: 7.49 min Scan# 1051  
 Delta R.T. 0.01 min  
 Lab File: VX018516.D  
 Acq: 21 Sep 2020 16:58

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 MDL01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 4.8   | 3.5   | 5.3   |

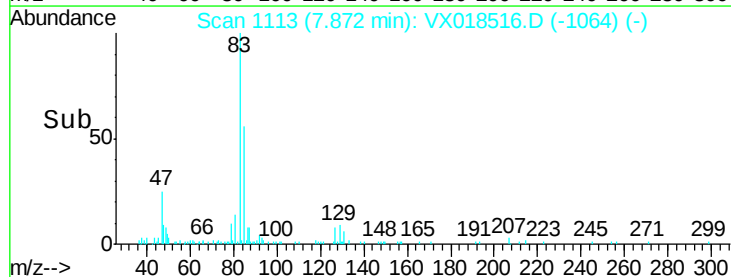
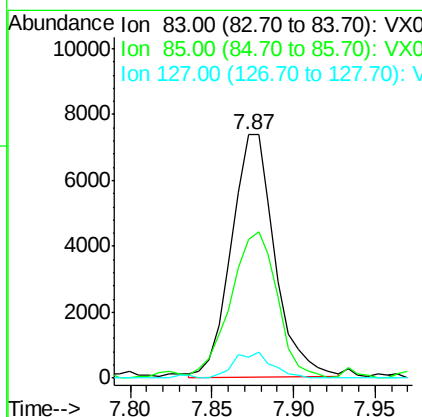
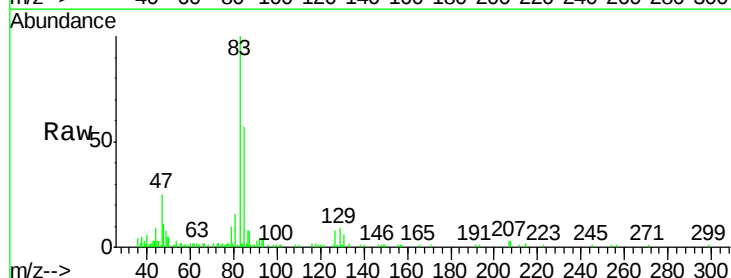
Manual Integrations  
 APPROVED

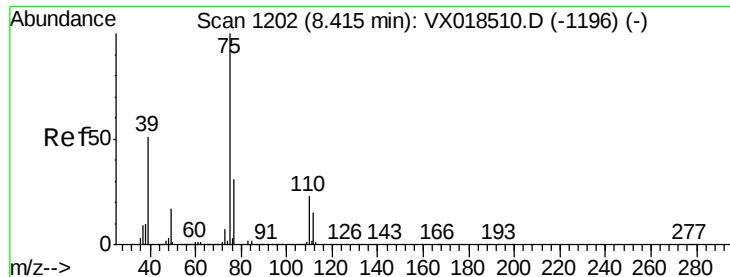
MMDadoda  
 10/6/2020 1:13:14 PM



#38  
 Bromodichloromethane  
 Concen: 2.028 ug/L  
 RT: 7.87 min Scan# 1113  
 Delta R.T. -0.00 min  
 Lab File: VX018516.D  
 Acq: 21 Sep 2020 16:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 56.9  | 45.0  | 83.6  |
| 127     | 8.5   | 6.9   | 10.3  |





#39

cis-1,3-Dichloropropene

Concen: 2.127 ug/L

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Instrument :

MSVOA\_X

ClientSampled :

MDL01

Tot Ion: 75 Resp: 16134

Ion Ratio Lower Upper

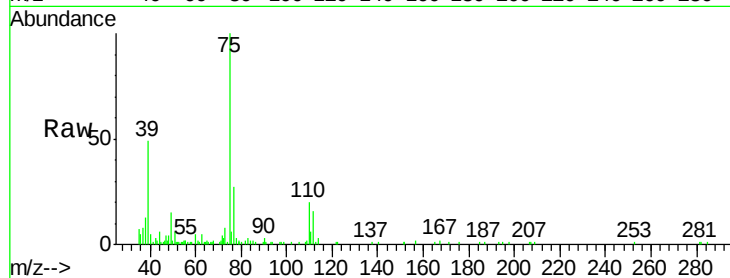
75 100

77 26.8 22.3 41.3

Manual Integrations  
APPROVED

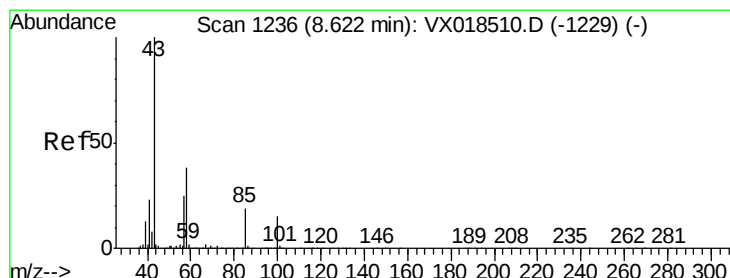
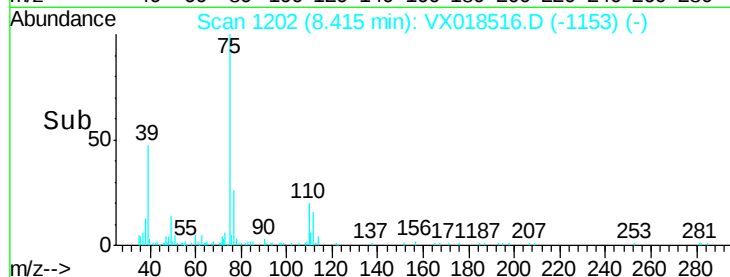
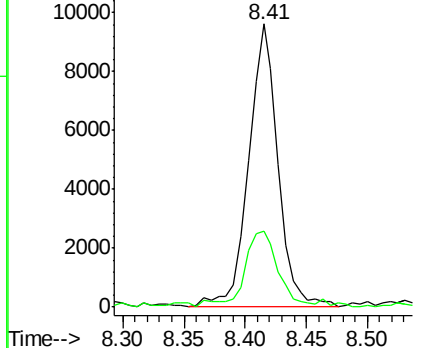
MMDadoda

10/6/2020 1:13:14 PM



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#40

4-Methyl-2-pentanone

Concen: 3.256 ug/L

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

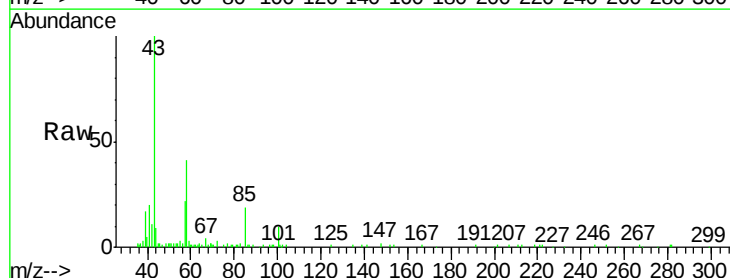
Tgt Ion: 43 Resp: 20292

Ion Ratio Lower Upper

43 100

58 40.4 30.6 45.8

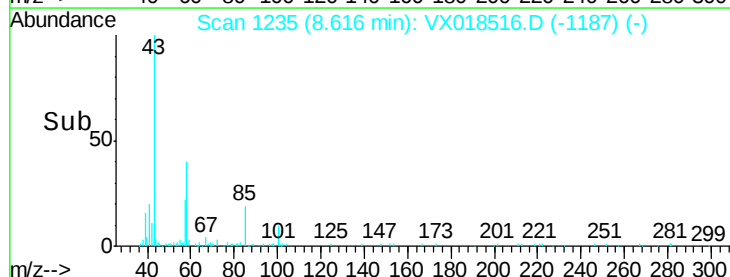
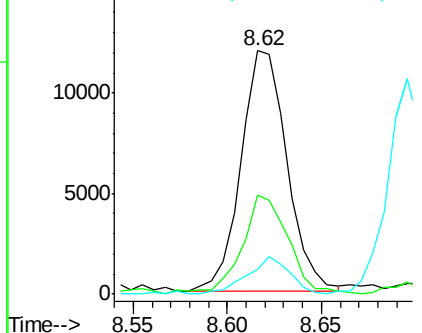
100 14.1 12.2 18.2

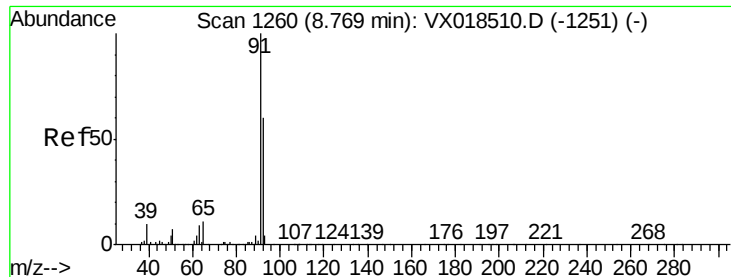


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 100.00 (99.70 to 100.70): V





#42

Toluene

Concen: 1.975 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Instrument :

MSVOA\_X

ClientSampled :

MDL01

Tot Ion: 91 Resp: 37772

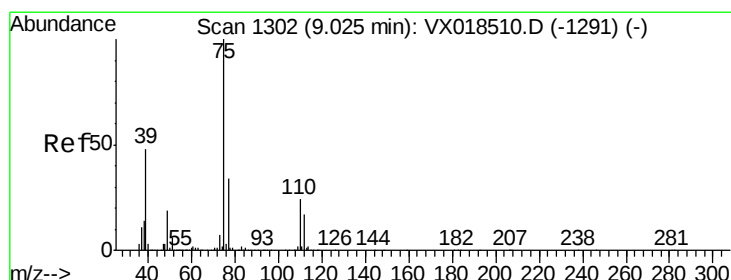
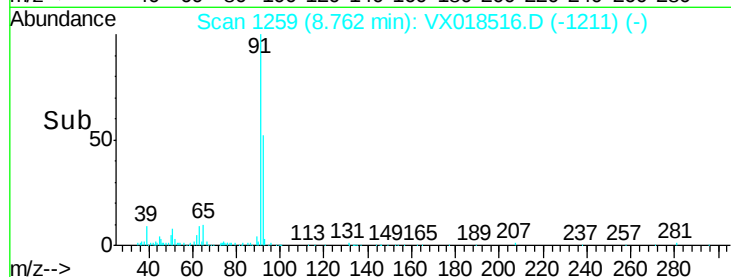
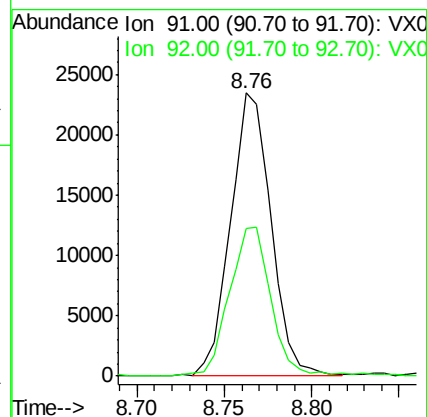
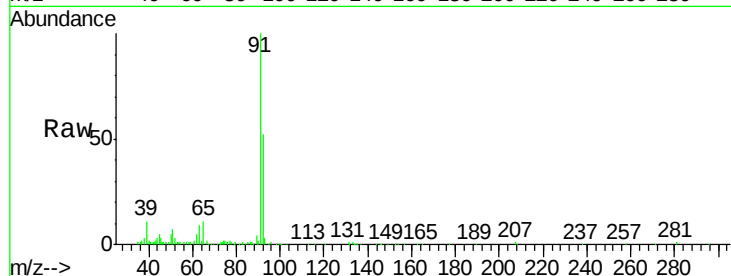
Ion Ratio Lower Upper

91 100

92 52.3 41.9 77.7

Manual Integrations  
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10/6/2020 1:13:14 PM



#44

trans-1,3-Dichloropropene

Concen: 1.803 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018516.D

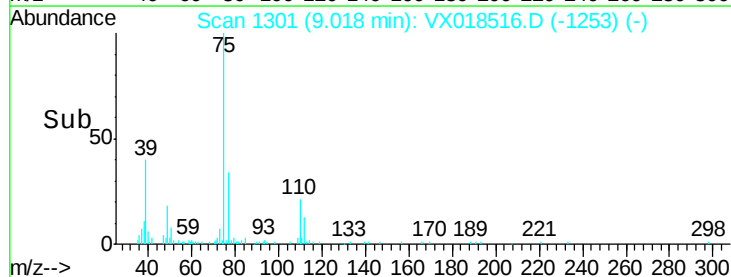
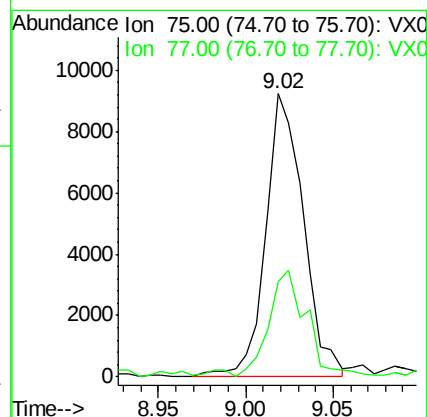
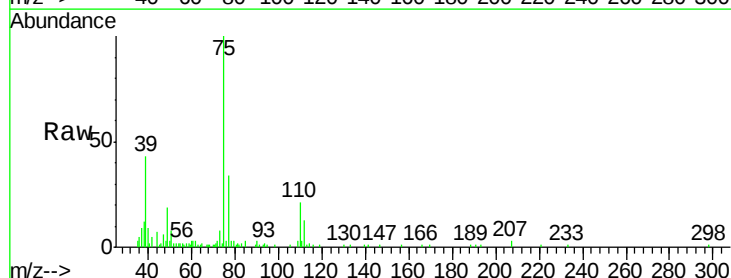
Acq: 21 Sep 2020 16:58

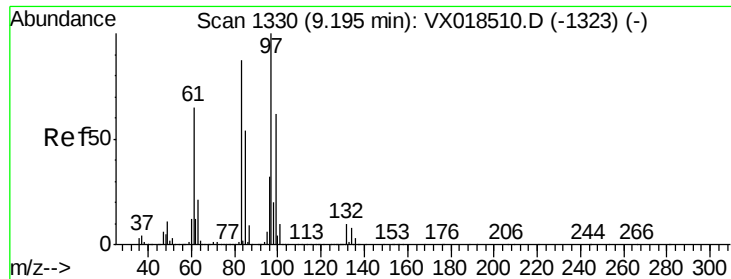
Tgt Ion: 75 Resp: 13913

Ion Ratio Lower Upper

75 100

77 33.7 23.6 43.8





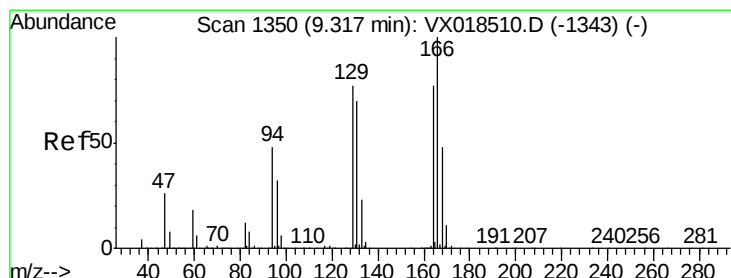
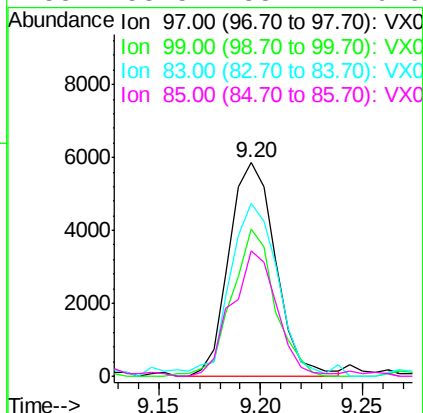
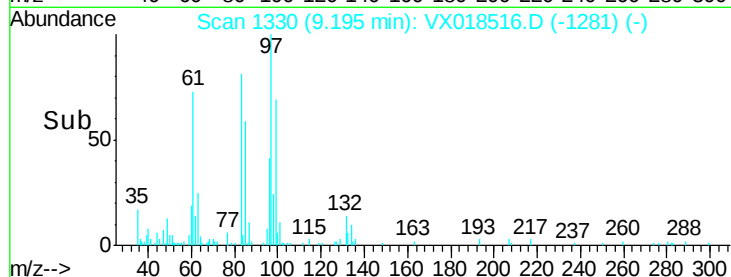
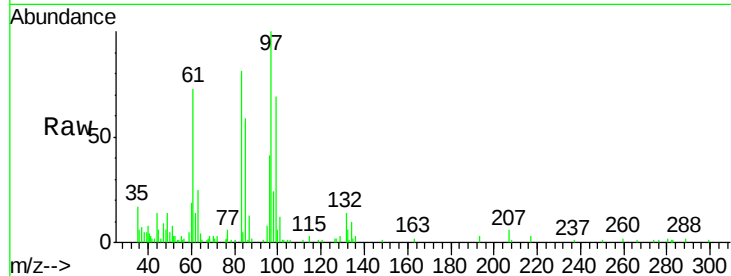
#45  
1,1,2-Trichloroethane  
Concen: 2.035 ug/L  
RT: 9.20 min Scan# 1330  
Delta R.T. -0.00 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL01

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 97      | 97  | 100   | 9261 |       |       |
| 99      | 99  | 69.1  |      | 43.5  | 80.9  |
| 83      | 83  | 80.9  |      | 60.8  | 113.0 |
| 85      | 85  | 58.5  |      | 38.1  | 70.9  |

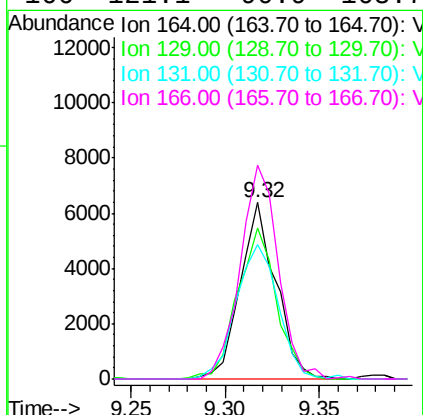
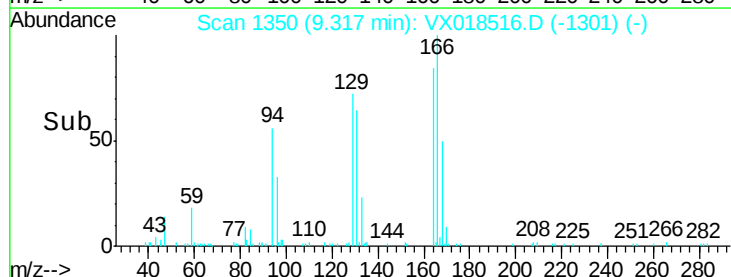
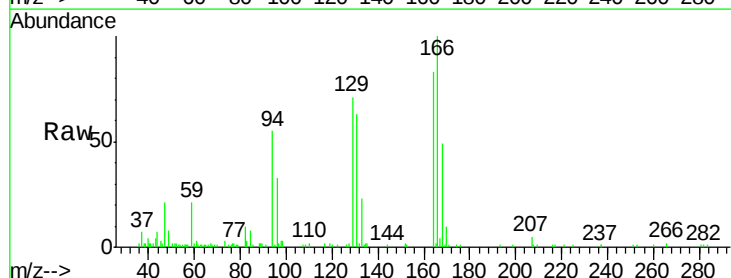
Manual Integrations  
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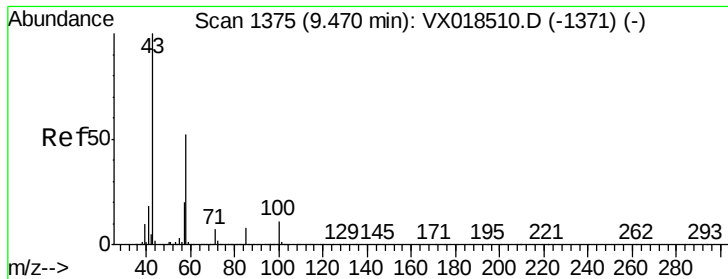
MMDadoda  
10/6/2020 1:13:14 PM



#46  
Tetrachloroethene  
Concen: 2.057 ug/L  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 164     | 164 | 100   | 8409 |       |       |
| 129     | 129 | 85.8  |      | 69.7  | 129.5 |
| 131     | 131 | 76.4  |      | 63.4  | 117.8 |
| 166     | 166 | 121.1 |      | 90.9  | 168.7 |





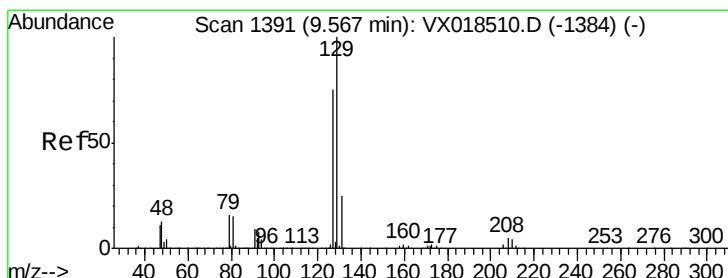
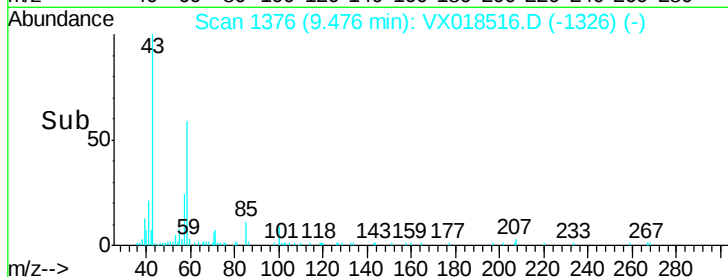
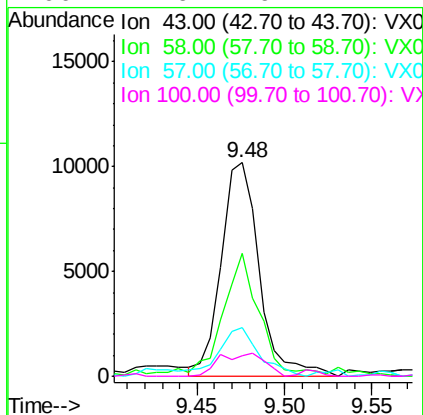
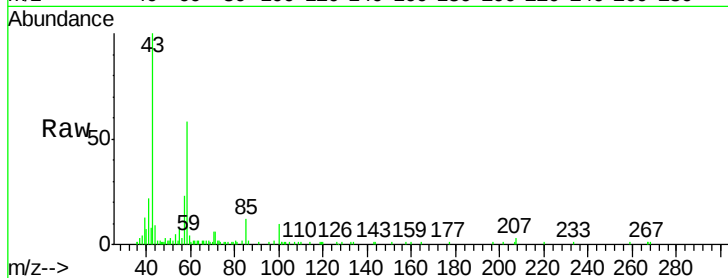
#48  
2-Hexanone  
Concen: 3.157 ug/L  
RT: 9.48 min Scan# 1376  
Delta R.T. 0.01 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL01

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 43      | 100  |       |      |       |       |
| 58      | 49.5 | 43.0  | 64.6 |       |       |
| 57      | 24.3 | 15.6  | 23.4 |       |       |
| 100     | 7.6  | 9.4   | 14.2 |       |       |

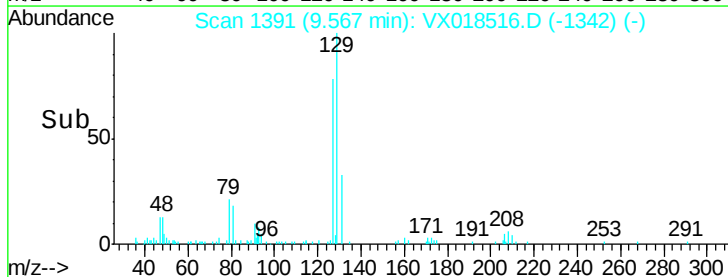
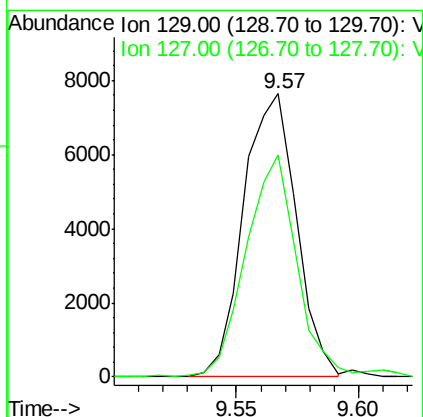
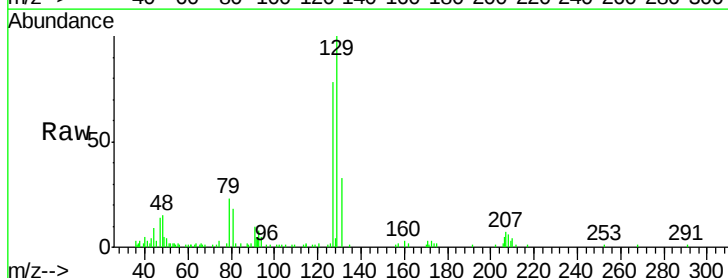
Manual Integrations  
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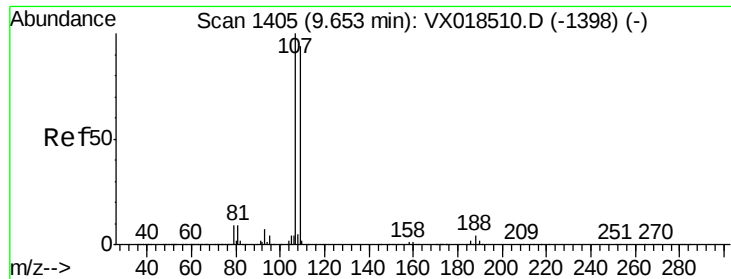
MMDadoda  
10/6/2020 1:13:14 PM



#49  
Dibromochloromethane  
Concen: 1.990 ug/L  
RT: 9.57 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 129     | 100  |       |      |       |       |
| 127     | 78.3 | 52.6  | 97.6 |       |       |





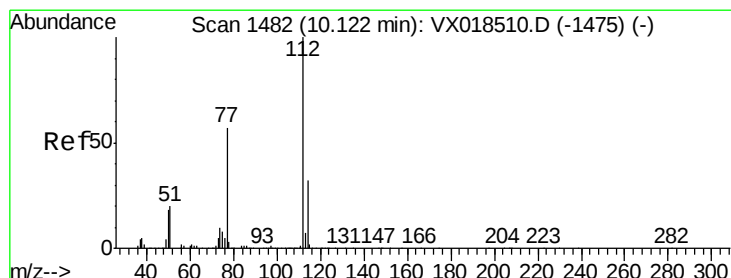
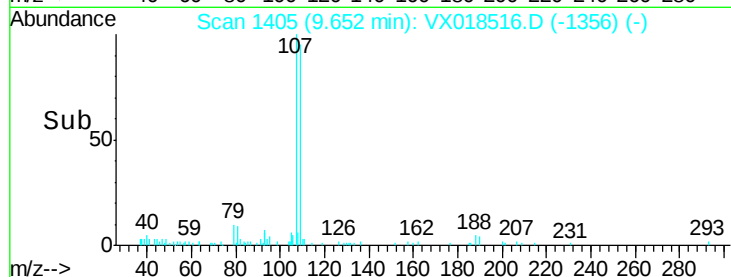
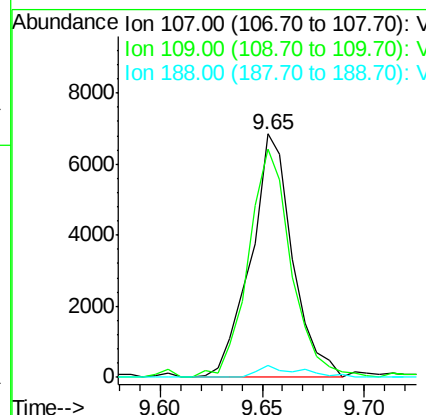
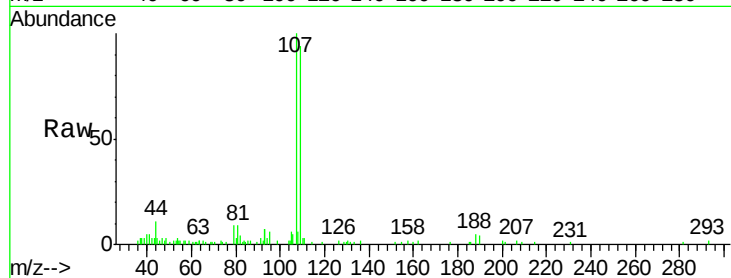
#50  
1,2-Dibromoethane  
Concen: 1.954 ug/L  
RT: 9.65 min Scan# 1405  
Delta R.T. -0.00 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

Instrument :  
MSVOA\_X  
ClientSampled :  
MDL01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.6  | 65.7  | 121.9 |
| 188     | 5.1   | 3.0   | 4.4   |

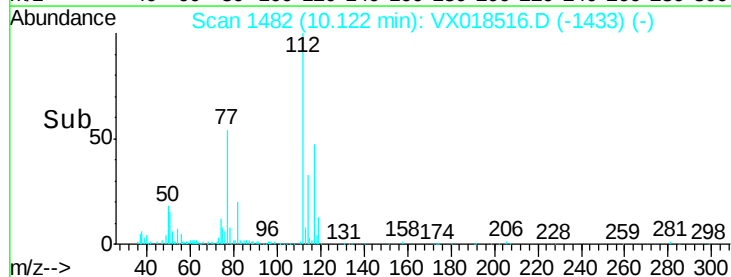
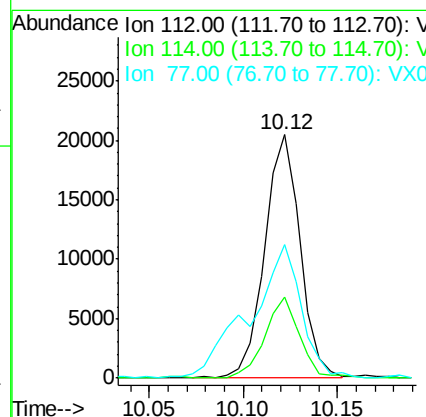
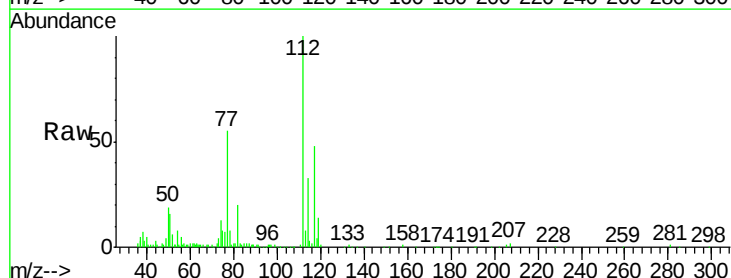
Manual Integrations  
APPROVED

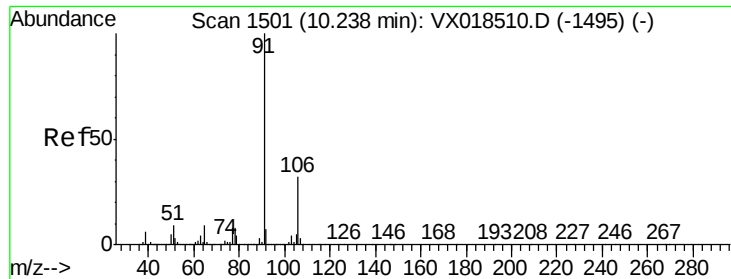
MMDadoda  
10/6/2020 1:13:14 PM



#51  
Chlorobenzene  
Concen: 2.085 ug/L  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 33.2  | 22.2  | 41.2  |
| 77      | 55.1  | 46.1  | 69.1  |





#52

Ethylbenzene

Concen: 1.819 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Instrument :

MSVOA\_X

ClientSampleId :

MDL01

Tot Ion: 91 Resp: 38760

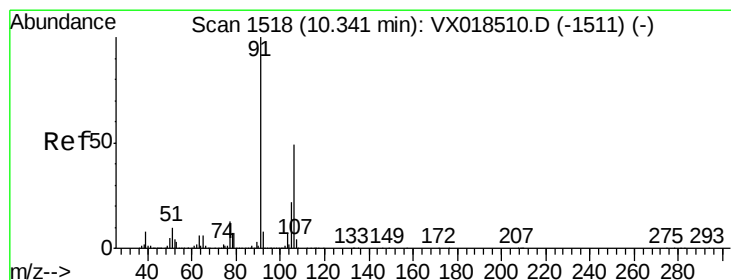
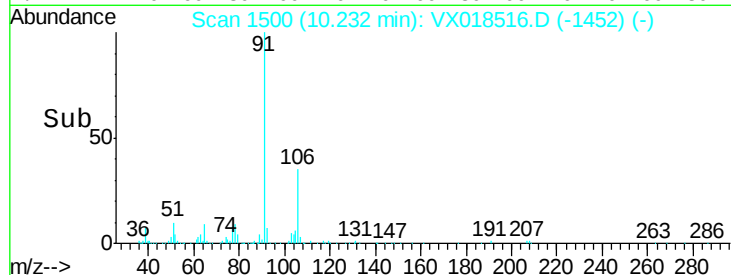
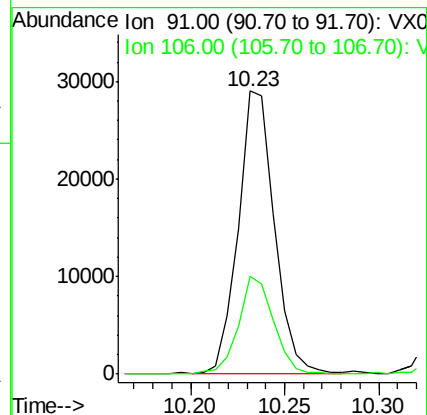
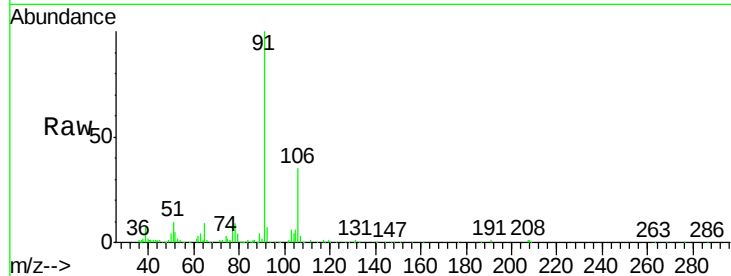
Ion Ratio Lower Upper

91 100

106 34.5 22.0 41.0

Manual Integrations  
APPROVED

MMDadoda  
10/6/2020 1:13:14 PM



#53

m,p-Xylene

Concen: 1.700 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018516.D

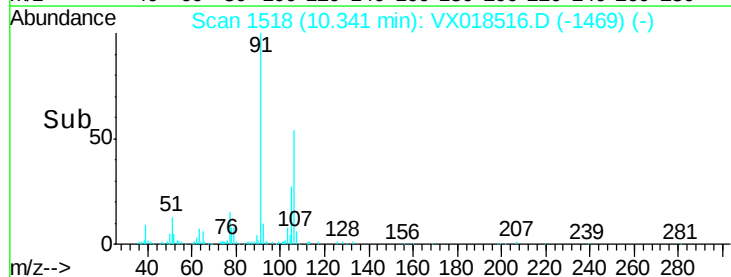
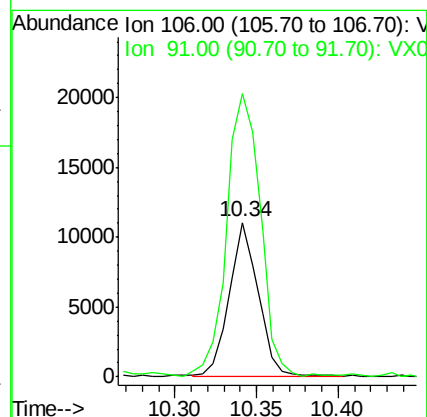
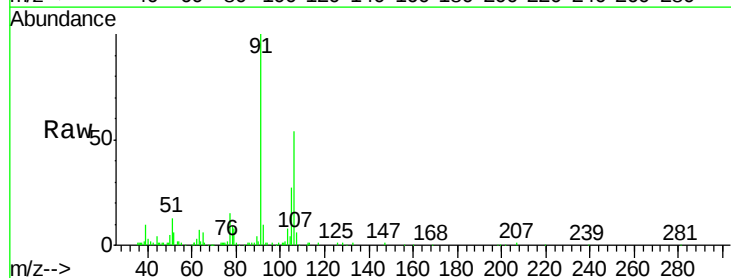
Acq: 21 Sep 2020 16:58

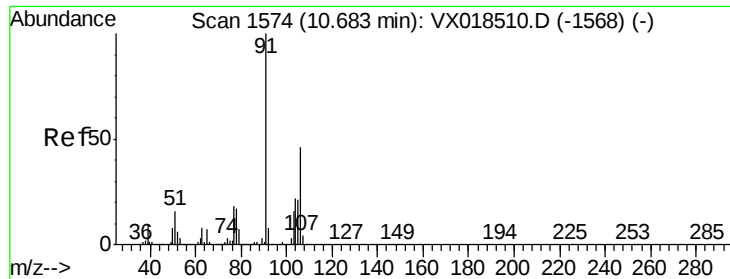
Tgt Ion: 106 Resp: 13799

Ion Ratio Lower Upper

106 100

91 183.5 142.2 264.0





#54

o-Xylene

Concen: 1.776 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Instrument :

MSVOA\_X

ClientSampled :

MDL01

Tot Ion:106 Resp: 13881

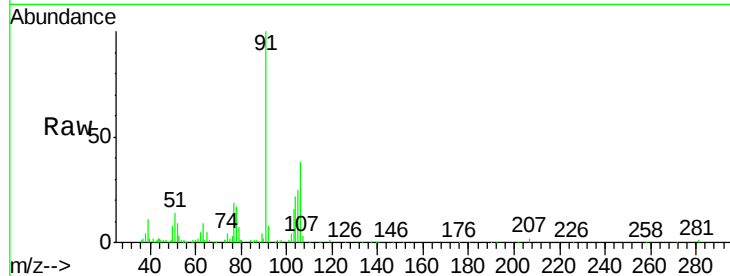
Ion Ratio Lower Upper

106 100

91 263.3 152.2 282.6

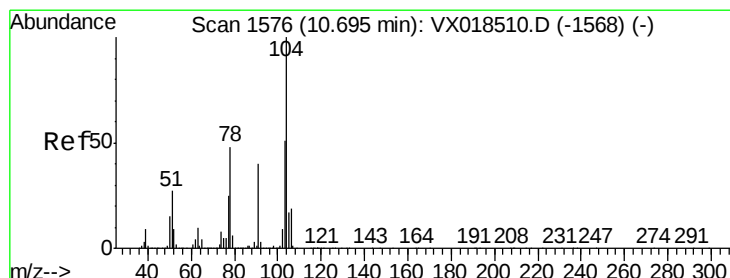
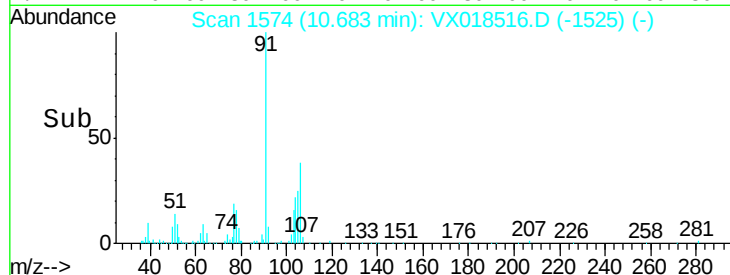
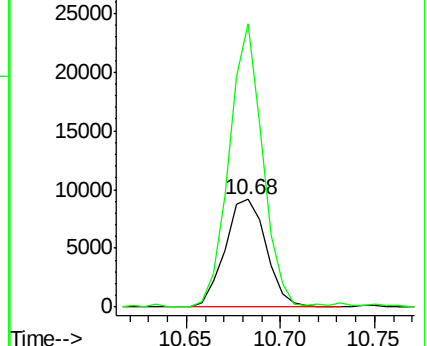
Manual Integrations  
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MMDadoda  
10/6/2020 1:13:14 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#55

Styrene

Concen: 1.661 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX018516.D

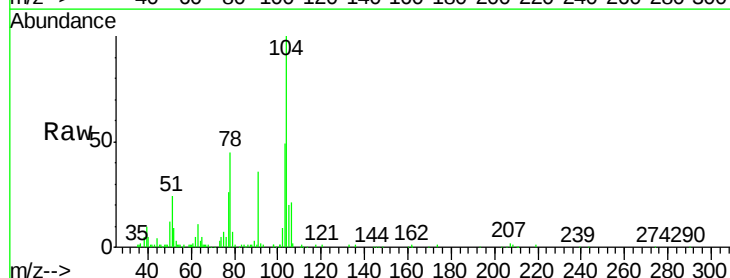
Acq: 21 Sep 2020 16:58

Tgt Ion:104 Resp: 22348

Ion Ratio Lower Upper

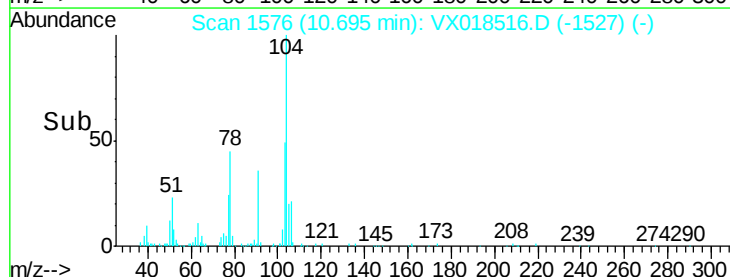
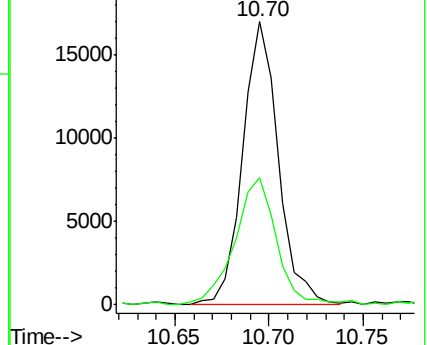
104 100

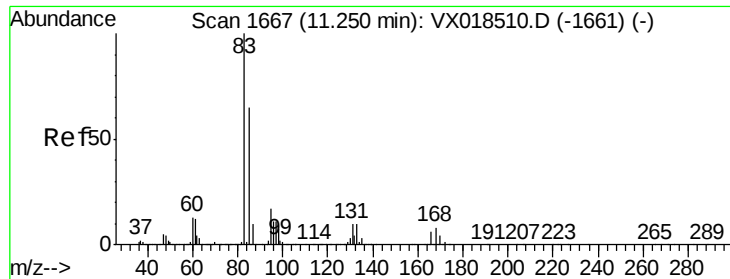
78 44.9 33.5 62.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0





#57

1,1,2,2-Tetrachloroethane

Concen: 1.780 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Instrument :

MSVOA\_X

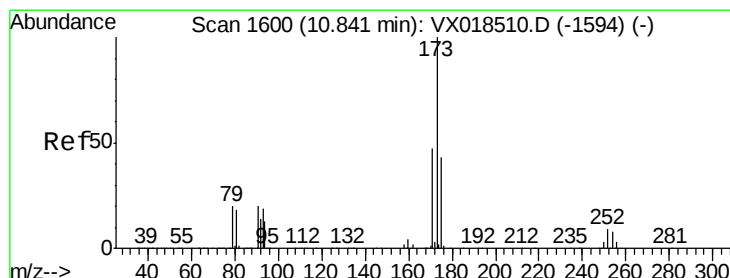
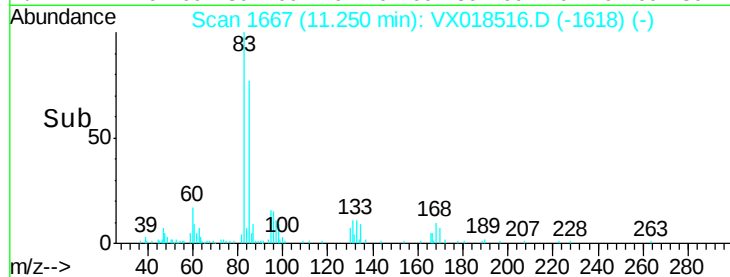
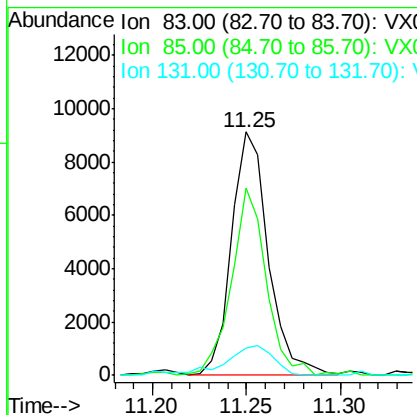
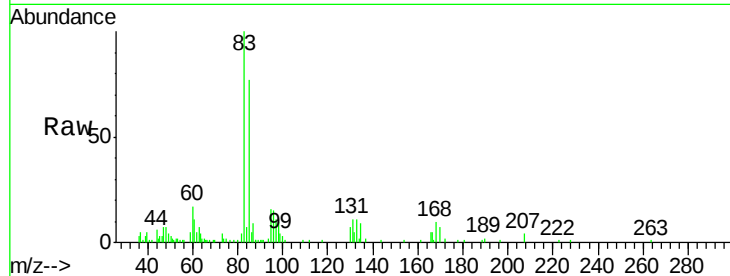
ClientSampled :

MDL01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 12395 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 76.8  | 45.6  | 84.8  |
| 131       | 11.1  | 8.0   | 12.0  |

Manual Integrations  
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#59

Bromoform

Concen: 1.920 ug/L

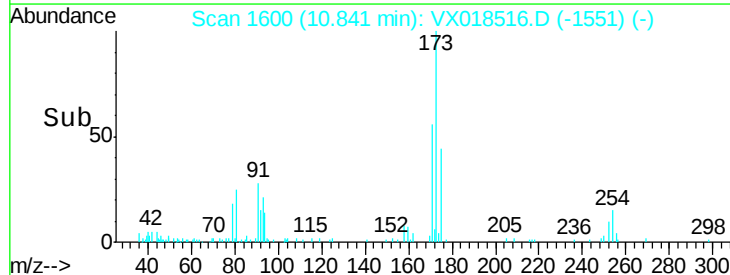
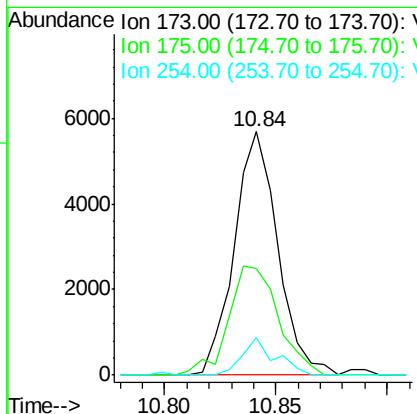
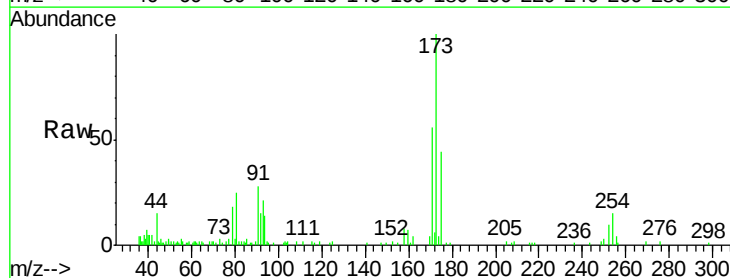
RT: 10.84 min Scan# 1600

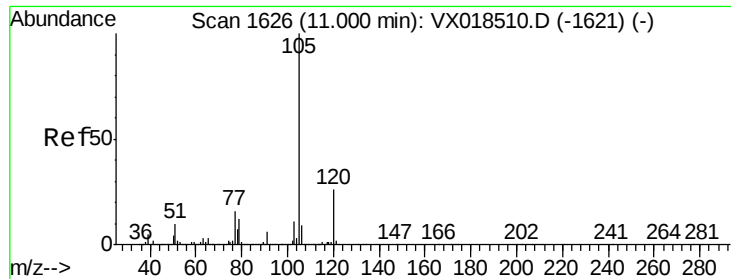
Delta R.T. -0.00 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 7739  |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.0  | 37.7  | 56.5  |
| 254       | 11.4  | 7.2   | 10.8# |





#60

Isopropylbenzene

Concen: 1.843 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Instrument :

MSVOA\_X

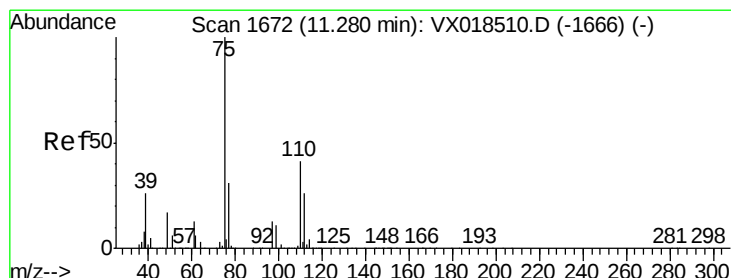
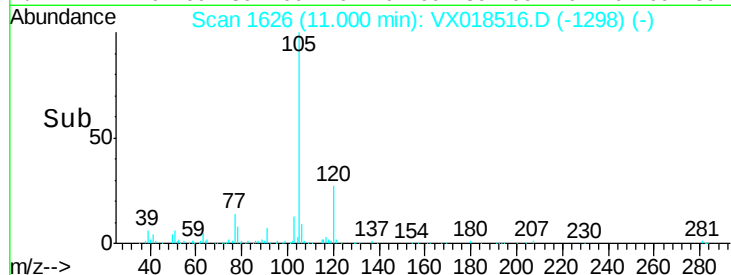
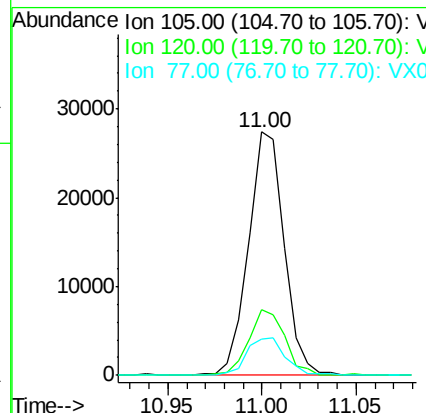
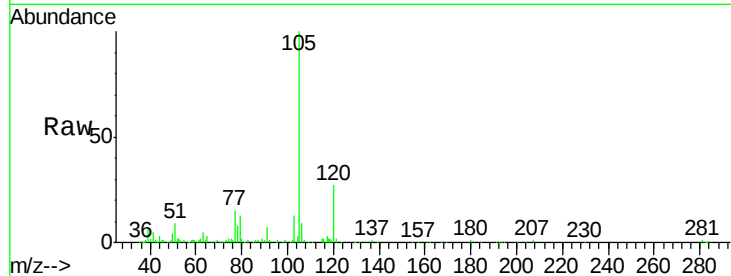
ClientSampleId :

MDL01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 105   | Resp: | 36043 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 27.3  | 21.8  | 32.8  |
| 77        | 16.5  | 12.7  | 19.1  |

Manual Integrations  
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#61

1,2,3-Trichloropropane

Concen: 1.983 ug/L

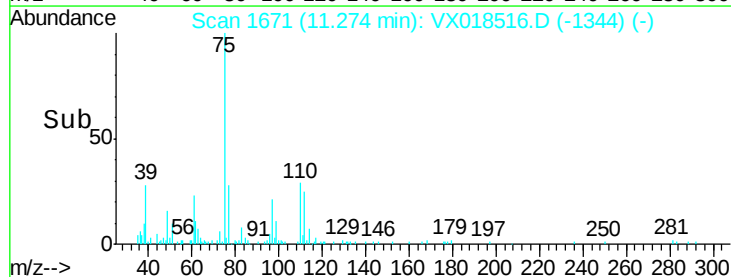
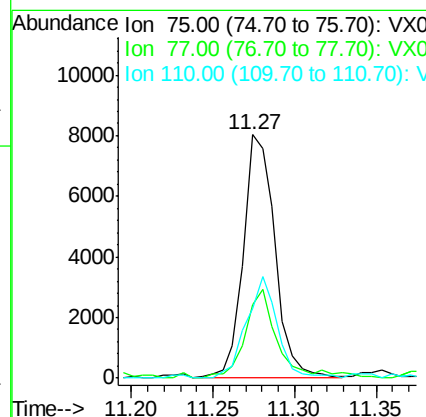
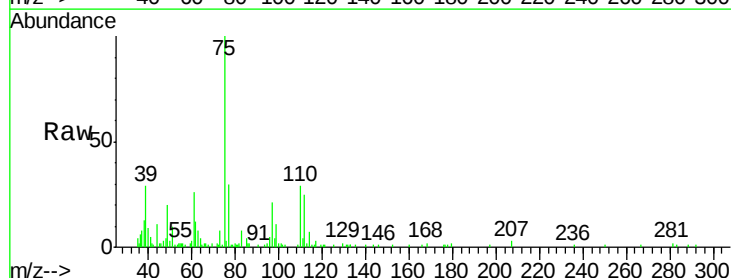
RT: 11.27 min Scan# 1671

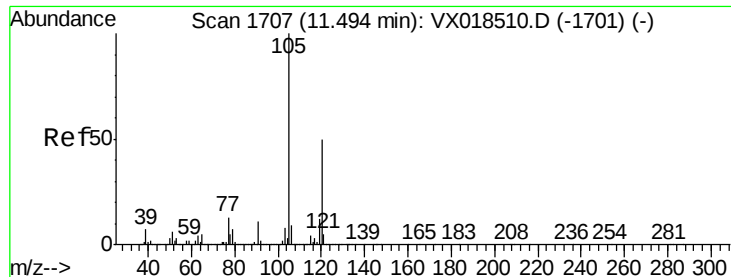
Delta R.T. -0.01 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 10938 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 34.8  | 26.0  | 39.0  |
| 110       | 40.3  | 32.4  | 48.6  |





#62

1,3,5-Trimethylbenzene

Concen: 1.707 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018516.D

Acq: 21 Sep 2020 16:58

Instrument :

MSVOA\_X

ClientSampleId :

MDL01

Tot Ion:105 Resp: 27570

Ion Ratio Lower Upper

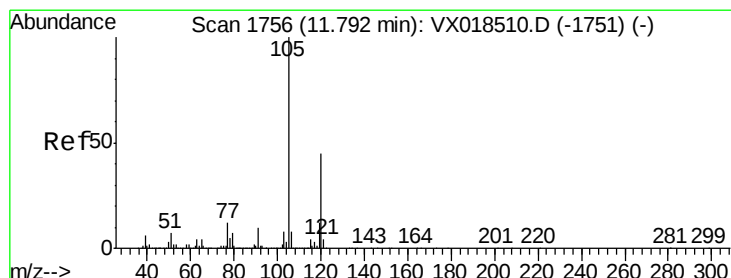
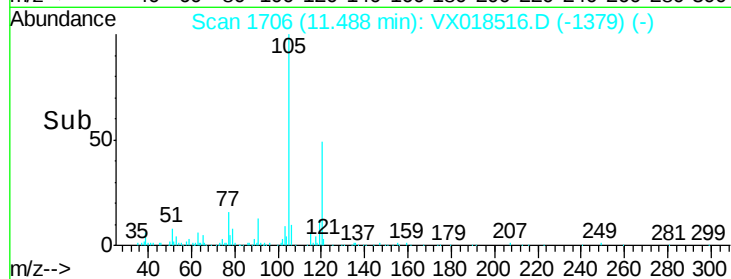
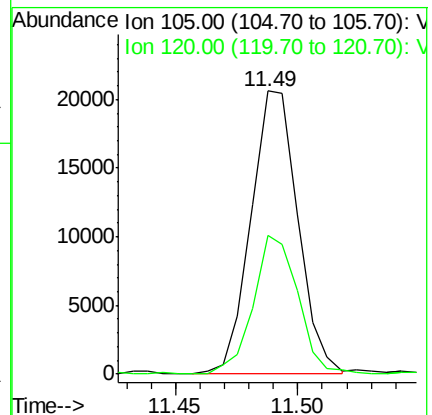
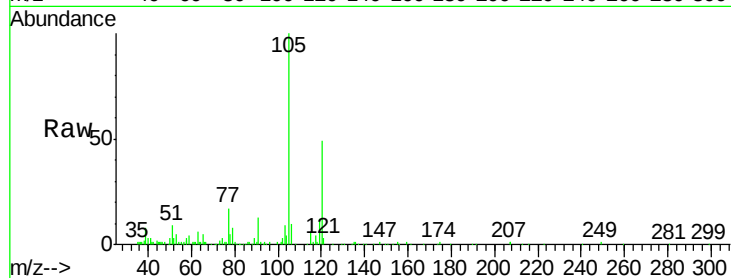
105 100

120 46.7 38.6 58.0

Manual Integrations  
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#63

1,2,4-Trimethylbenzene

Concen: 1.571 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018516.D

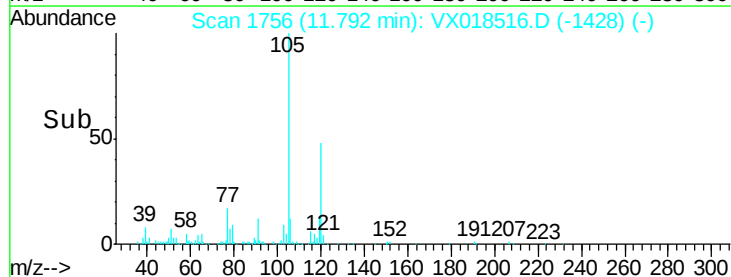
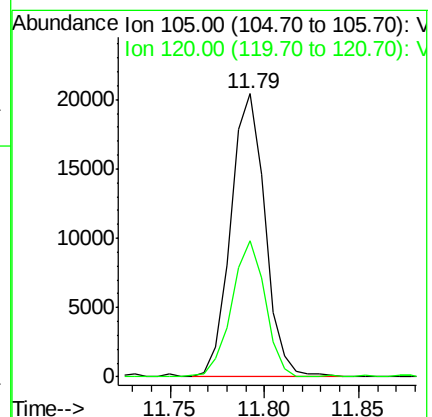
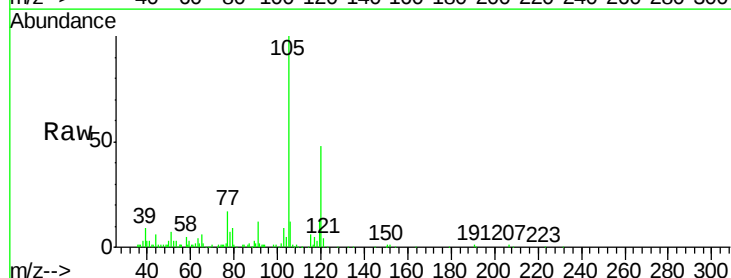
Acq: 21 Sep 2020 16:58

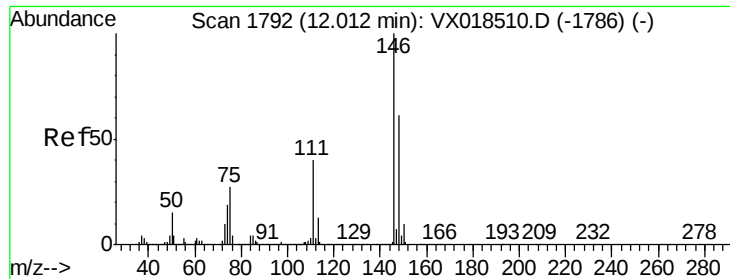
Tgt Ion:105 Resp: 25842

Ion Ratio Lower Upper

105 100

120 47.0 35.8 53.8





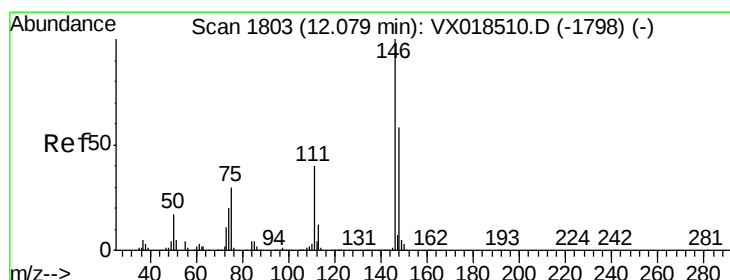
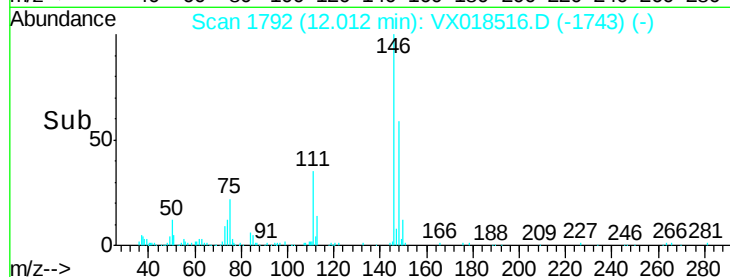
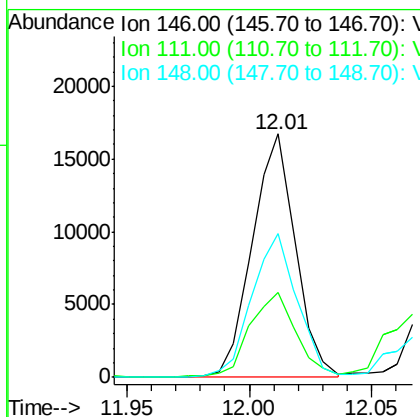
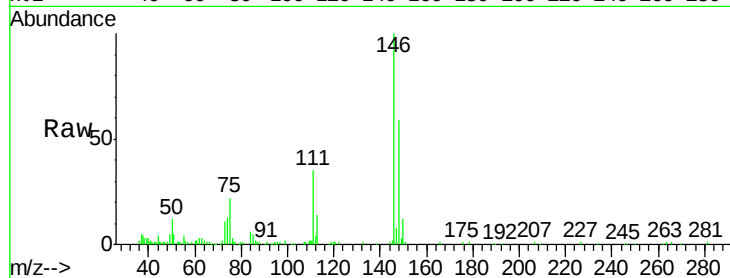
#64  
1,3-Dichlorobenzene  
Concen: 2.120 ug/L  
RT: 12.01 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

Instrument :  
MSVOA\_X  
ClientSampled :  
MDL01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 34.9  | 27.8  | 51.6  |
| 148     | 59.2  | 42.6  | 79.2  |

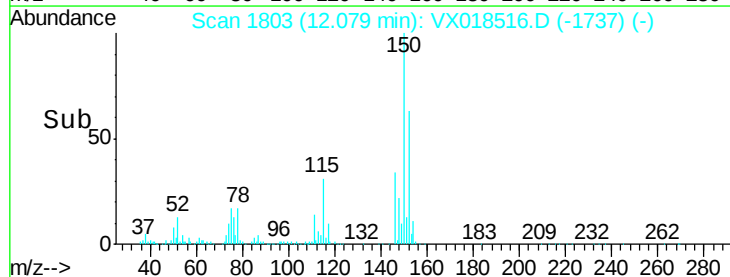
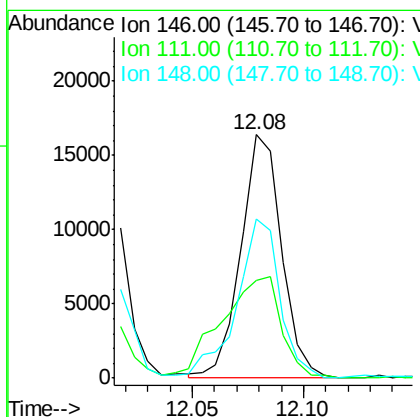
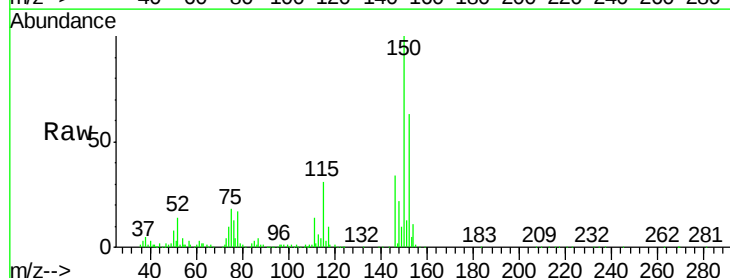
Manual Integrations  
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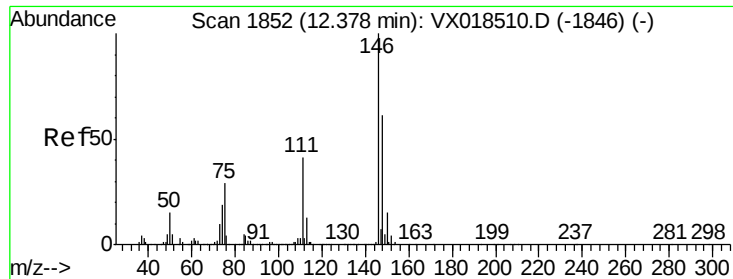
MMDadoda  
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#65  
1,4-Dichlorobenzene  
Concen: 2.155 ug/L  
RT: 12.08 min Scan# 1803  
Delta R.T. -0.00 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.1  | 27.9  | 51.7  |
| 148     | 65.3  | 40.5  | 75.3  |





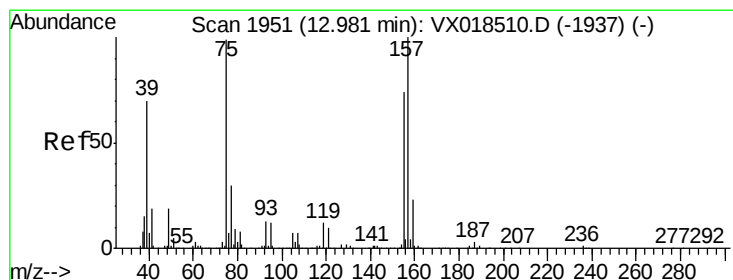
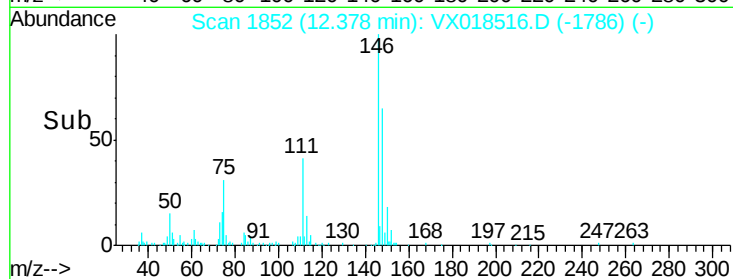
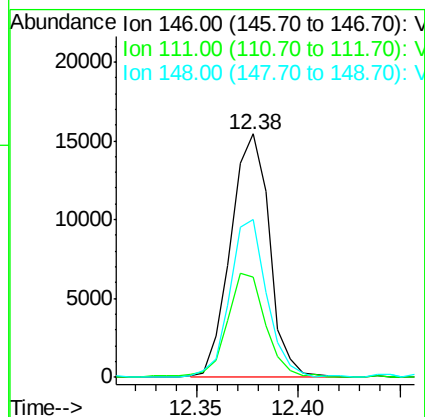
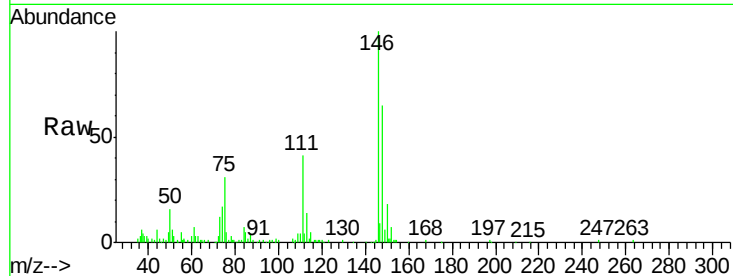
#67  
 1,2-Dichlorobenzene  
 Concen: 2.184 ug/L  
 RT: 12.38 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VX018516.D  
 Acq: 21 Sep 2020 16:58

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 MDL01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.4  | 33.1  | 49.7  |
| 148     | 64.6  | 48.4  | 72.6  |

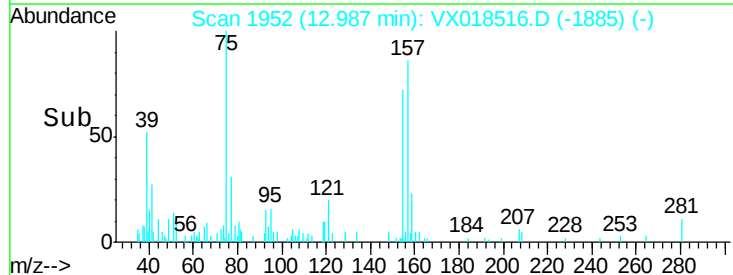
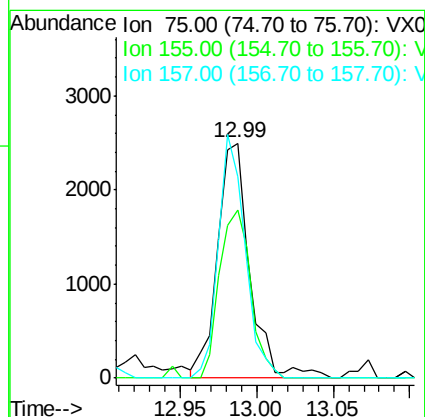
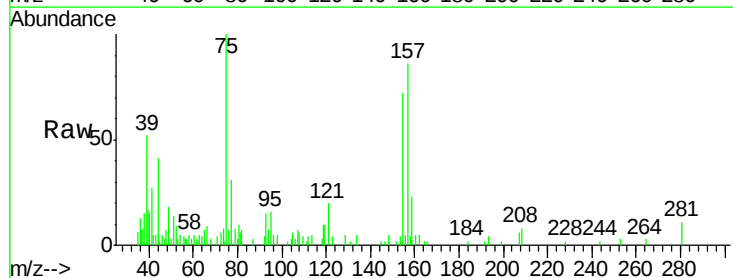
Manual Integrations  
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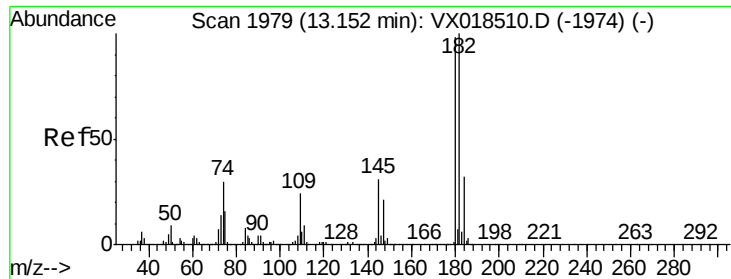
MMDadoda  
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#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 2.264 ug/L  
 RT: 12.99 min Scan# 1952  
 Delta R.T. 0.01 min  
 Lab File: VX018516.D  
 Acq: 21 Sep 2020 16:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 71.6  | 59.4  | 89.0  |
| 157     | 85.5  | 80.7  | 121.1 |





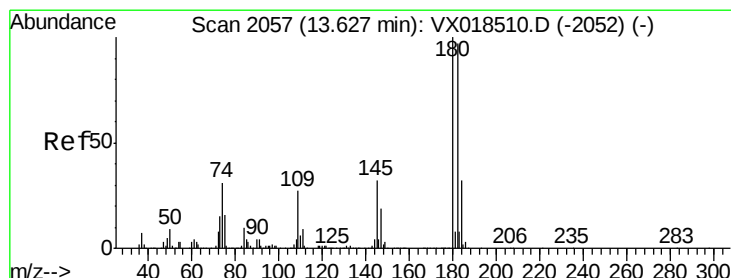
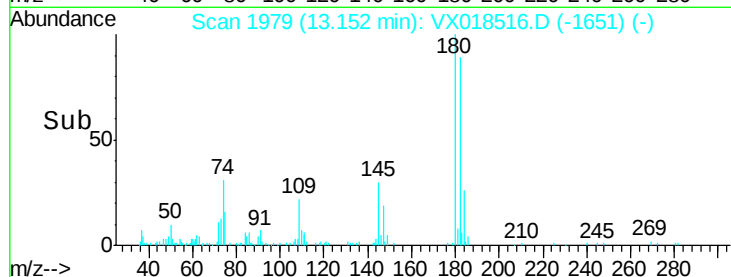
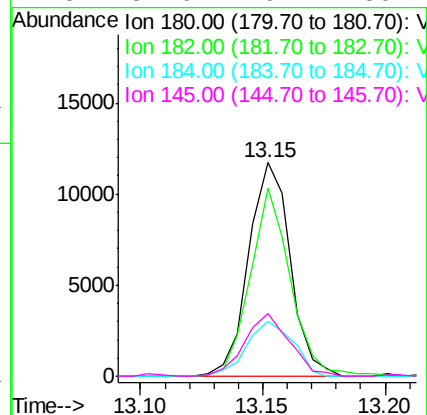
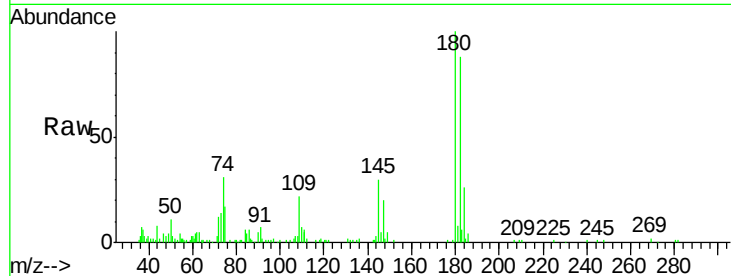
#69  
 1,3,5-Trichlorobenzene  
 Concen: 2.163 ug/L  
 RT: 13.15 min Scan# 1979  
 Delta R.T. -0.00 min  
 Lab File: VX018516.D  
 Acq: 21 Sep 2020 16:58

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 MDL01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 13858 |       |       |
| 182     | 84.9  |       | 82.5  | 123.7 |
| 184     | 28.7  |       | 25.4  | 38.2  |
| 145     | 31.6  |       | 26.2  | 39.2  |

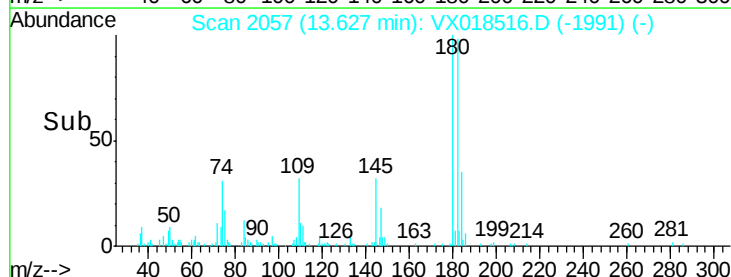
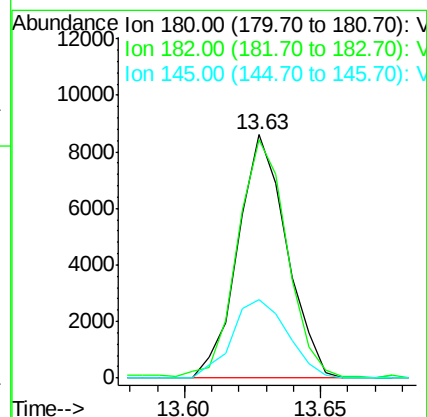
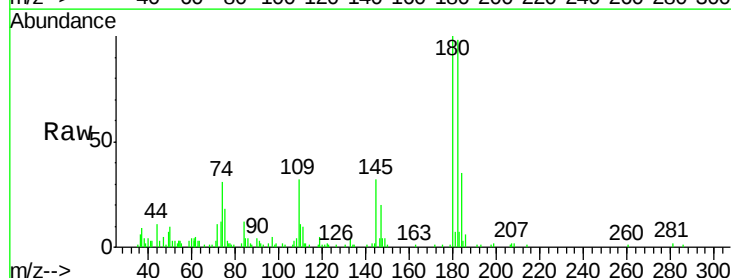
Manual Integrations  
 APPROVED

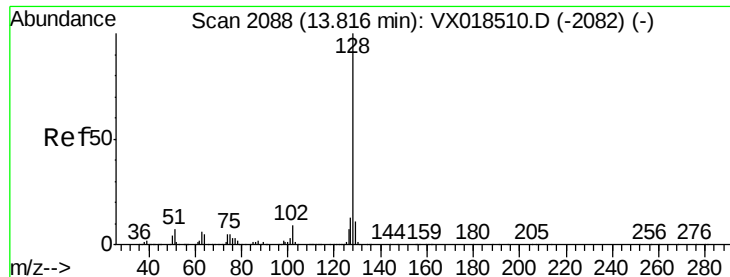
MMDadoda  
 10/6/2020 1:13:14 PM



#70  
 1,2,4-trichlorobenzene  
 Concen: 1.822 ug/L  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX018516.D  
 Acq: 21 Sep 2020 16:58

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 10718 |       |       |
| 182     | 99.9  |       | 78.6  | 118.0 |
| 145     | 36.8  |       | 27.0  | 40.4  |





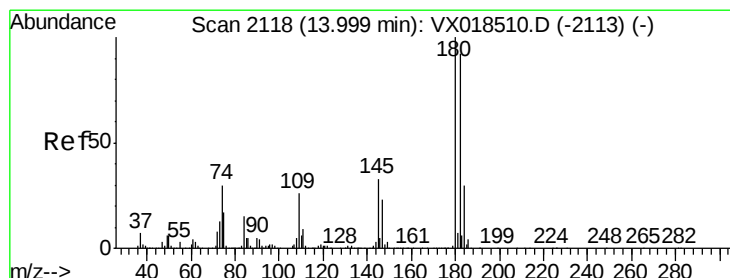
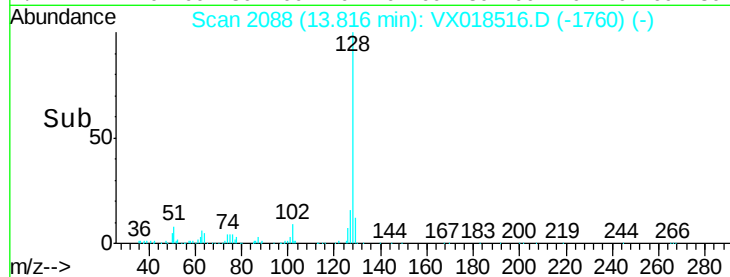
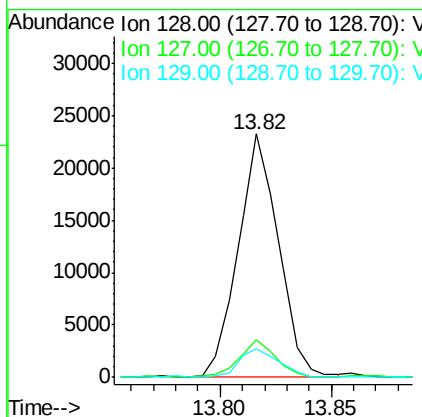
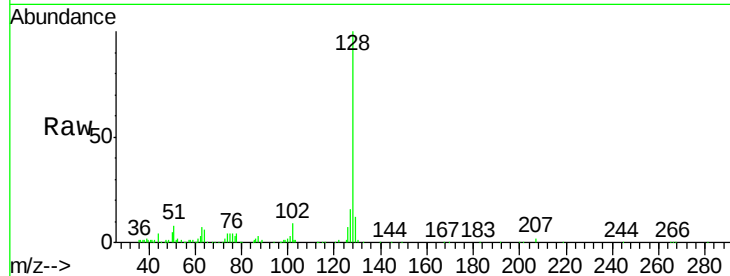
#71  
Naphthalene  
Concen: 1.600 ug/L  
RT: 13.82 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.8  | 10.6  | 15.8  |
| 129     | 11.5  | 8.8   | 13.2  |

Manual Integrations  
APPROVED

MMDadoda  
10/6/2020 1:13:14 PM



#72  
1,2,3-Trichlorobenzene  
Concen: 1.996 ug/L  
RT: 14.01 min Scan# 2119  
Delta R.T. 0.01 min  
Lab File: VX018516.D  
Acq: 21 Sep 2020 16:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 83.8  | 76.6  | 114.8 |
| 145     | 32.0  | 27.1  | 40.7  |

