

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072719\  
 Data File : VN056938.D  
 Acq On : 26 Jul 2019 8:51  
 Operator : JC/SP  
 Sample : VSTDIC001  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

MMDadoda  
 8/2/2019 9:12:59 AM

Quant Time: Jul 27 00:36:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072719W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 26 23:57:36 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 489004   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 726547   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 593377   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 159876   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |      |       |  |
|---------------------------|--------|-----|----------|------|-------|--|
| 33) 1,2-Dichloroethane-d4 | 0.00   | 65  | 0d       | 0.00 | ug/l  |  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 0.00% |  |
| 35) Dibromofluoromethane  | 0.00   | 113 | 0d       | 0.00 | ug/l  |  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 0.00% |  |
| 50) Toluene-d8            | 0.00   | 98  | 0d       | 0.00 | ug/l  |  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 0.00% |  |
| 62) 4-Bromofluorobenzene  | 0.00   | 95  | 0d       | 0.00 | ug/l  |  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 0.00% |  |

## Target Compounds

|                               |      |     |        |       |        | Qvalue |
|-------------------------------|------|-----|--------|-------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.84 | 85  | 4025   | 0.780 | ug/l   | 97     |
| 3) Chloromethane              | 2.05 | 50  | 5909   | 0.961 | ug/l   | 94     |
| 4) Vinyl Chloride             | 2.18 | 62  | 5255   | 0.902 | ug/l   | 99     |
| 6) Chloroethane               | 2.69 | 64  | 3066   | 0.950 | ug/l   | 94     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 6931   | 0.912 | ug/l   | 98     |
| 8) Diethyl Ether              | 3.39 | 74  | 2525   | 0.888 | ug/l   | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73 | 101 | 4199m  | 0.895 | ug/l   |        |
| 12) 1,1-Dichloroethene        | 3.72 | 96  | 4001   | 0.887 | ug/l   | 92     |
| 14) Allyl chloride            | 4.30 | 41  | 6047   | 0.825 | ug/l   | 95     |
| 15) Acrylonitrile             | 4.98 | 53  | 7523   | 3.617 | ug/l   | 92     |
| 16) Acetone                   | 3.81 | 43  | 9185   | 5.297 | ug/l # | 86     |
| 17) Carbon Disulfide          | 4.03 | 76  | 11298  | 0.934 | ug/l   | 98     |
| 18) Methyl Acetate            | 4.32 | 43  | 6816   | 1.131 | ug/l # | 75     |
| 19) Methyl tert-butyl Ether   | 5.03 | 73  | 11281m | 0.847 | ug/l   |        |
| 20) Methylene Chloride        | 4.54 | 84  | 6239   | 1.161 | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 5.02 | 96  | 4256   | 0.882 | ug/l   | 86     |
| 22) Diisopropyl ether         | 5.94 | 45  | 13345  | 0.897 | ug/l # | 87     |
| 23) Vinyl Acetate             | 5.88 | 43  | 39010  | 3.784 | ug/l   | 96     |
| 24) 1,1-Dichloroethane        | 5.83 | 63  | 8407   | 0.960 | ug/l   | 97     |
| 25) 2-Butanone                | 6.83 | 43  | 10305  | 3.873 | ug/l   | 96     |
| 26) 2,2-Dichloropropane       | 6.81 | 77  | 6492   | 1.008 | ug/l   | 76     |
| 27) cis-1,2-Dichloroethene    | 6.81 | 96  | 5659   | 1.028 | ug/l   | 92     |
| 28) Bromochloromethane        | 7.17 | 49  | 3941   | 0.981 | ug/l # | 61     |
| 29) Tetrahydrofuran           | 7.20 | 42  | 7035   | 4.042 | ug/l   | 93     |
| 30) Chloroform                | 7.36 | 83  | 10026  | 1.112 | ug/l   | 88     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 6566   | 0.911 | ug/l # | 48     |
| 36) 1,1-Dichloropropene       | 7.78 | 75  | 5984   | 0.913 | ug/l   | 85     |
| 37) Ethyl Acetate             | 6.93 | 43  | 3985   | 0.740 | ug/l # | 89     |
| 38) Carbon Tetrachloride      | 7.76 | 117 | 5591   | 0.896 | ug/l   | 85     |
| 39) Methylcyclohexane         | 9.07 | 83  | 7202   | 0.898 | ug/l   | 90     |
| 40) Benzene                   | 8.02 | 78  | 18376  | 0.902 | ug/l   | 97     |
| 41) Methacrylonitrile         | 7.16 | 41  | 2057   | 0.859 | ug/l # | 75     |
| 42) 1,2-Dichloroethane        | 8.11 | 62  | 6526   | 1.039 | ug/l   | 93     |
| 43) Isopropyl Acetate         | 8.16 | 43  | 6960   | 0.790 | ug/l # | 87     |

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 Sample : VSTDIC001  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDIC001

Manual Integrations  
 APPROVED

MMDadoda  
 8/2/2019 9:12:59 AM

Quant Time: Jul 27 00:36:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072719W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 26 23:57:36 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 44) Trichloroethene            | 8.82  | 130  | 5120     | 0.925  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 5046     | 0.924  | ug/l   | 96       |
| 46) Dibromomethane             | 9.19  | 93   | 2791     | 0.846  | ug/l   | 84       |
| 47) Bromodichloromethane       | 9.39  | 83   | 5547     | 0.861  | ug/l   | 93       |
| 48) Methyl methacrylate        | 9.19  | 41   | 3405     | 0.810  | ug/l   | 86       |
| 49) 1,4-Dioxane                | 9.19  | 88   | 1645     | 18.904 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 20433    | 3.903  | ug/l   | 97       |
| 52) Toluene                    | 10.15 | 92   | 9958     | 0.817  | ug/l   | 90       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 5234     | 0.803  | ug/l   | 92       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 6093     | 0.797  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 4480     | 0.913  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 4486     | 0.678  | ug/l # | 88       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 7274     | 0.908  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 14016    | 5.333  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.74 | 43   | 13367    | 3.716  | ug/l   | 91       |
| 60) Dibromochloromethane       | 10.89 | 129  | 3906     | 0.780  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 3660     | 0.754  | ug/l   | 89       |
| 64) Tetrachloroethene          | 10.62 | 164  | 5813     | 1.097  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.42 | 112  | 11930    | 0.975  | ug/l   | 93       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 4634     | 1.014  | ug/l # | 59       |
| 67) Ethyl Benzene              | 11.50 | 91   | 19457    | 0.923  | ug/l   | 96       |
| 68) m/p-Xylenes                | 11.61 | 106  | 13452    | 1.714  | ug/l   | 96       |
| 69) o-Xylene                   | 11.94 | 106  | 6906     | 0.899  | ug/l   | 96       |
| 70) Styrene                    | 11.96 | 104  | 8637     | 0.710  | ug/l   | 99       |
| 71) Bromoform                  | 12.12 | 173  | 2640     | 0.823  | ug/l # | 91       |
| 73) Isopropylbenzene           | 12.24 | 105  | 16155    | 1.127  | ug/l   | 93       |
| 74) N-amyl acetate             | 12.07 | 43   | 4233     | 1.000  | ug/l # | 92       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 5330     | 1.276  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 3874m    | 1.238  | ug/l   |          |
| 77) Bromobenzene               | 12.53 | 156  | 4296     | 1.171  | ug/l   | 93       |
| 78) n-propylbenzene            | 12.59 | 91   | 16228    | 1.072  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 10726    | 1.138  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 12389    | 1.047  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 8637     | 0.998  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 11866    | 1.137  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 13.03 | 105  | 11187    | 1.000  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 14028    | 1.064  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.28 | 119  | 11838    | 1.015  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 5614     | 1.024  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 5516m    | 1.048  | ug/l   |          |
| 89) n-Butylbenzene             | 13.61 | 91   | 8129     | 0.902  | ug/l   | 94       |
| 90) Hexachloroethane           | 13.87 | 117  | 2228     | 1.072  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 5529     | 0.995  | ug/l   | 92       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 593      | 1.040  | ug/l # | 60       |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 1655     | 0.714  | ug/l   | 90       |
| 94) Hexachlorobutadiene        | 15.00 | 225  | 2965     | 1.315  | ug/l   | 99       |
| 95) Naphthalene                | 15.12 | 128  | 3125     | 0.541  | ug/l # | 91       |
| 96) 1,2,3-Trichlorobenzene     | 15.29 | 180  | 1882     | 0.756  | ug/l   | 86       |

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Acq On : 26 Jul 2019 8:51  
Operator : JC/SP  
Sample : VSTDICC001  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Manual Integrations  
APPROVED

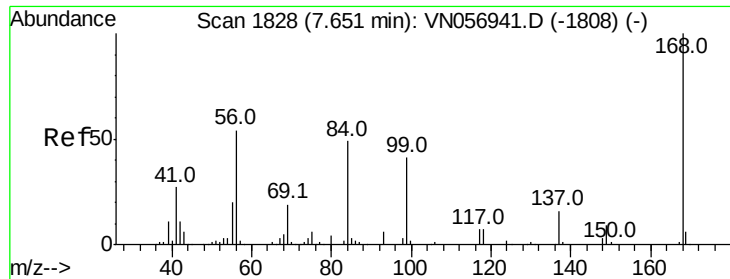
MMDadoda  
8/2/2019 9:12:59 AM

Quant Time: Jul 27 00:36:06 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072719W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 26 23:57:36 2019  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001

Tot Ion:168 Resp: 489004

Ion Ratio Lower Upper

168 100

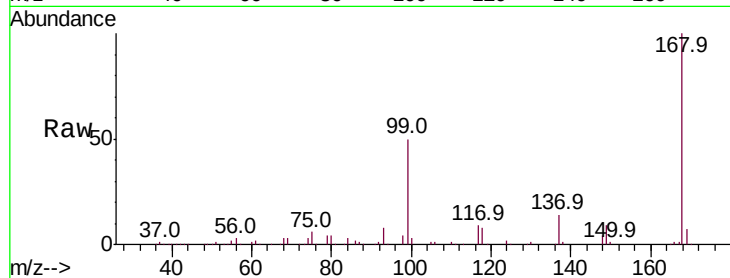
99 49.6 39.0 58.4

Manual Integrations

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8/2/2019 9:12:59 AM



Abundance Ion 167.90 (167.60 to 168.60): VN056941.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-1808) (-)

7.65

200000

150000

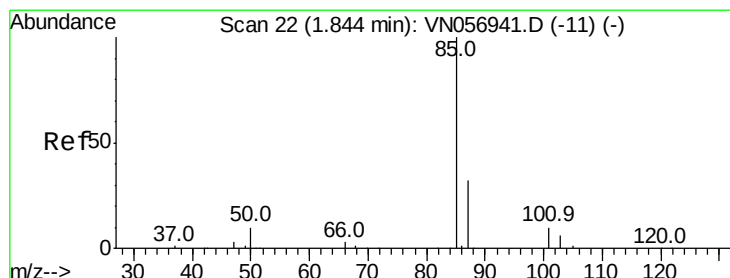
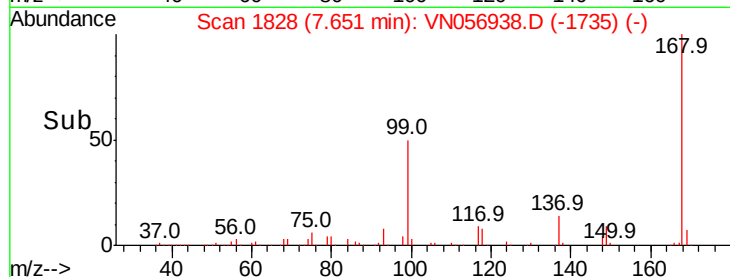
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.780 ug/l

RT: 1.84 min Scan# 22

Delta R.T. -0.00 min

Lab File: VN056938.D

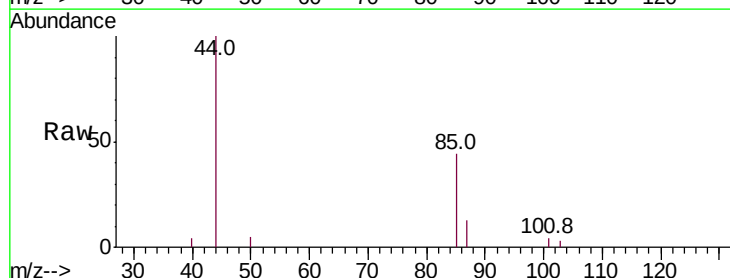
Acq: 26 Jul 2019 8:51

Tgt Ion: 85 Resp: 4025

Ion Ratio Lower Upper

85 100

87 29.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN056941.D (-11) (-)

Ion 86.90 (86.60 to 87.60): VN056941.D (-11) (-)

1.84

3000

2500

2000

1500

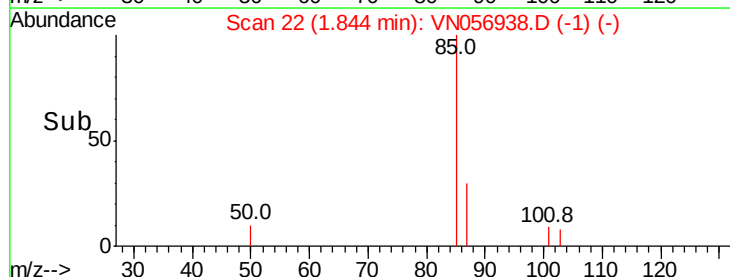
1000

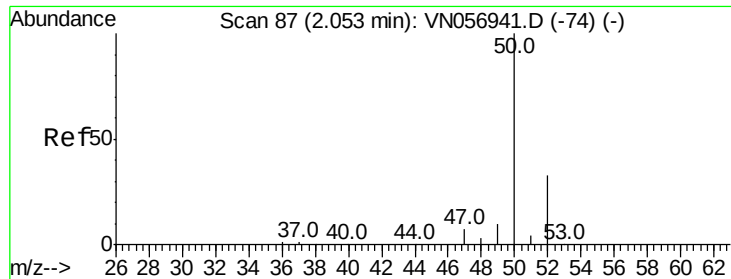
500

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 0.961 ug/l

RT: 2.05 min Scan# 86

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5909

Ion Ratio Lower Upper

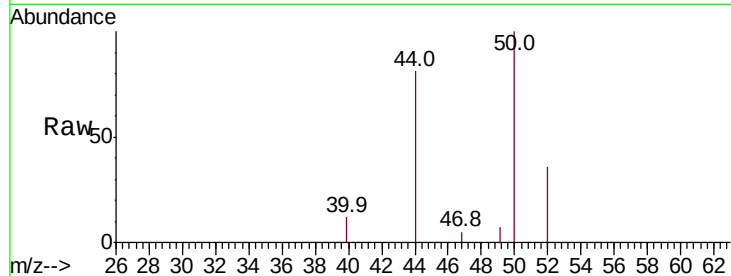
50 100

52 36.2 26.2 39.2

Manual Integrations  
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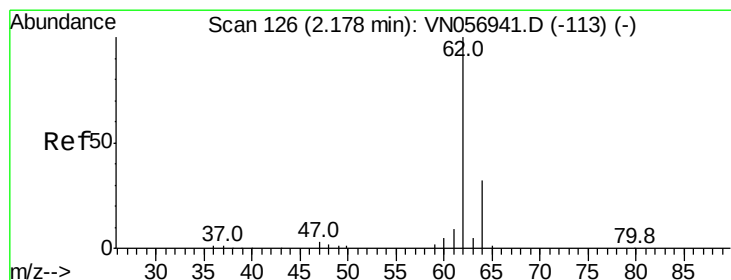
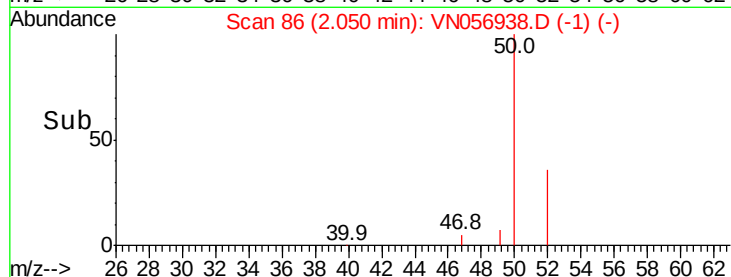
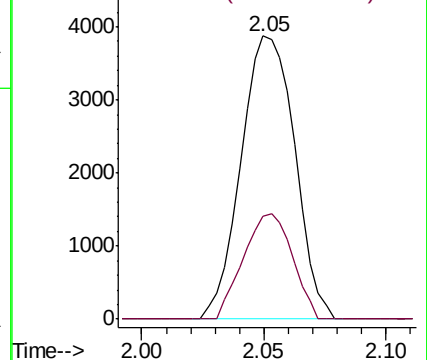
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8/2/2019 9:12:59 AM



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 0.902 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN056938.D

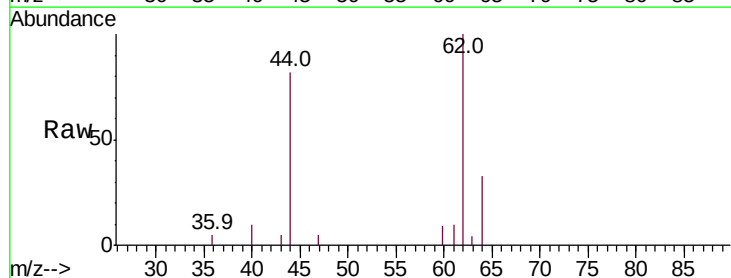
Acq: 26 Jul 2019 8:51

Tgt Ion: 62 Resp: 5255

Ion Ratio Lower Upper

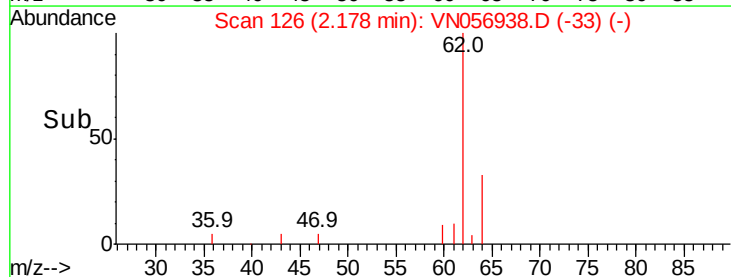
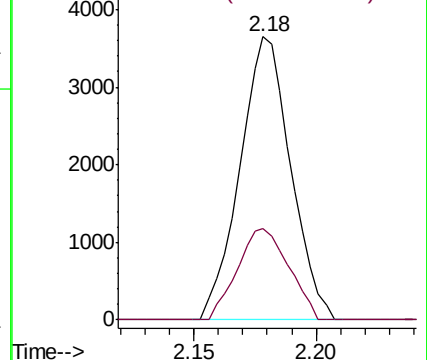
62 100

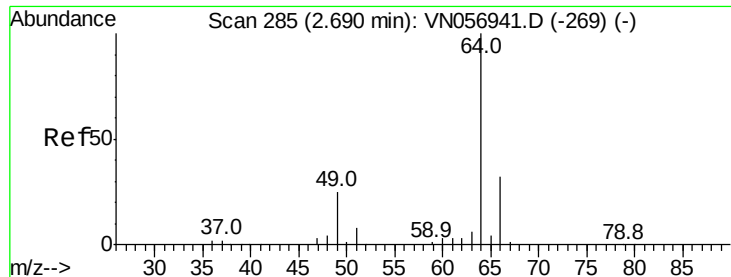
64 32.5 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#6

Chloroethane

Concen: 0.950 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 3066

Ion Ratio Lower Upper

64 100

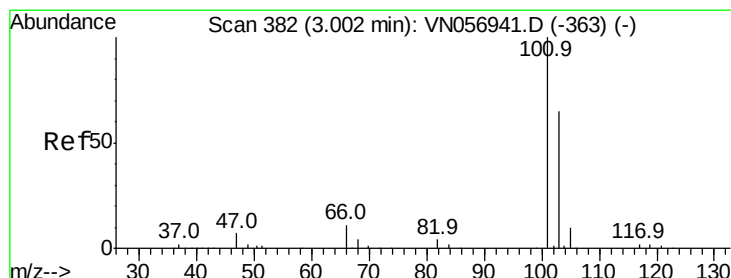
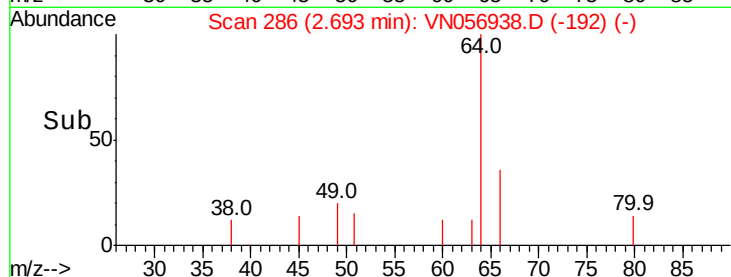
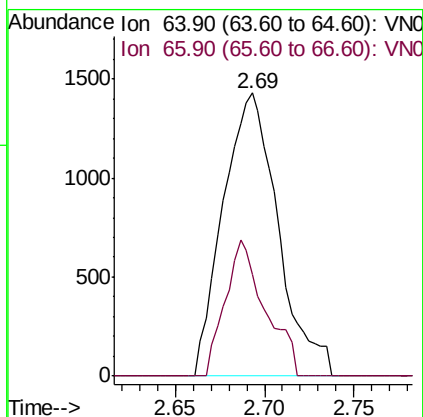
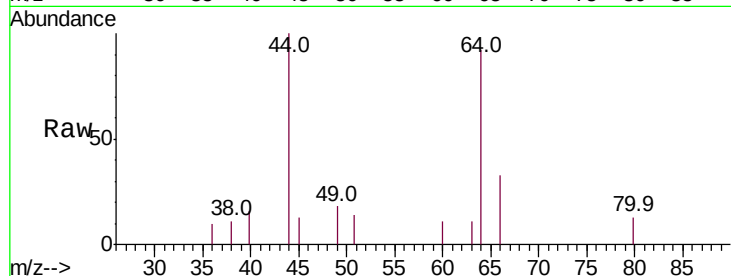
66 35.8 25.8 38.8

Manual Integrations

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8/2/2019 9:12:59 AM



#7

Trichlorofluoromethane

Concen: 0.912 ug/l

RT: 3.00 min Scan# 382

Delta R.T. -0.00 min

Lab File: VN056938.D

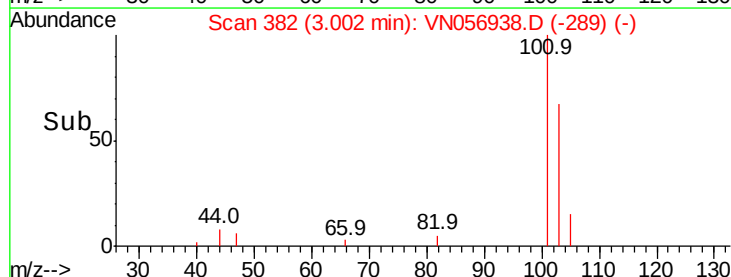
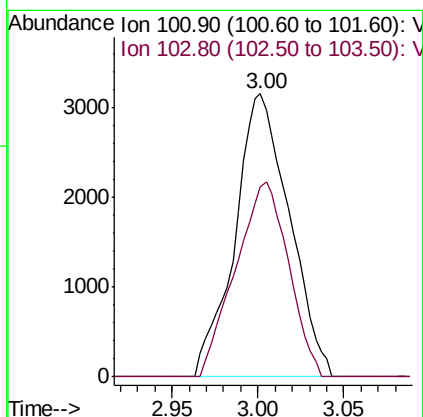
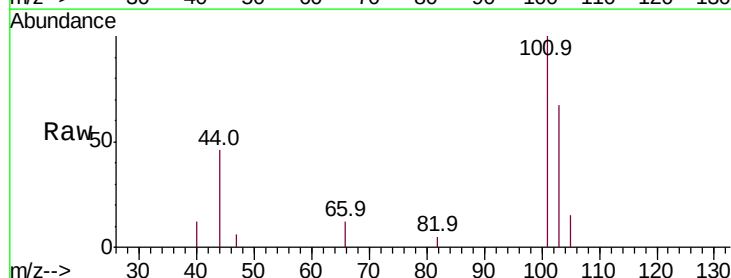
Acq: 26 Jul 2019 8:51

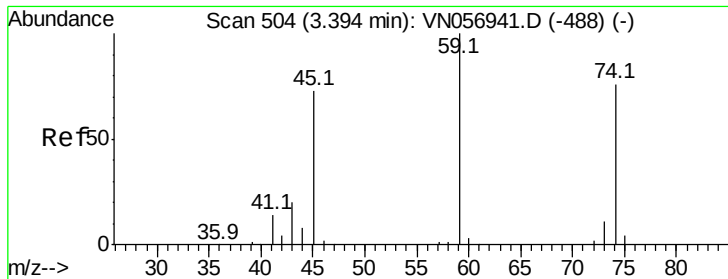
Tgt Ion: 101 Resp: 6931

Ion Ratio Lower Upper

101 100

103 67.1 52.1 78.1





#8

Diethyl Ether

Concen: 0.888 ug/l

RT: 3.39 min Scan# 504

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 2525

Ion Ratio Lower Upper

74 100

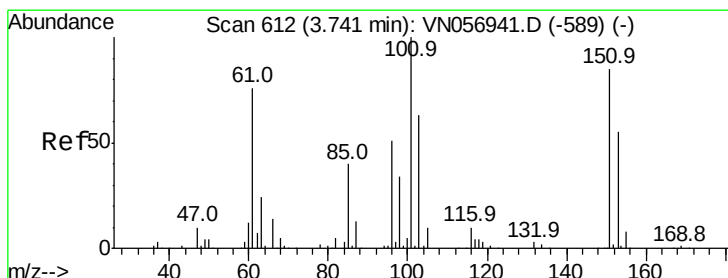
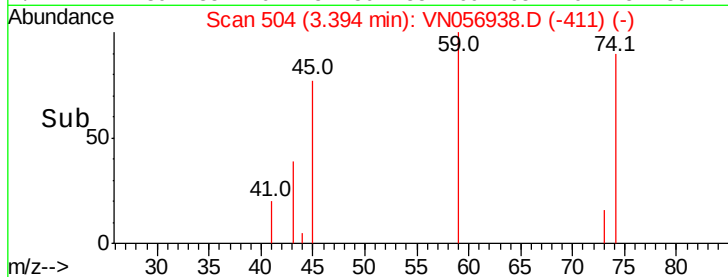
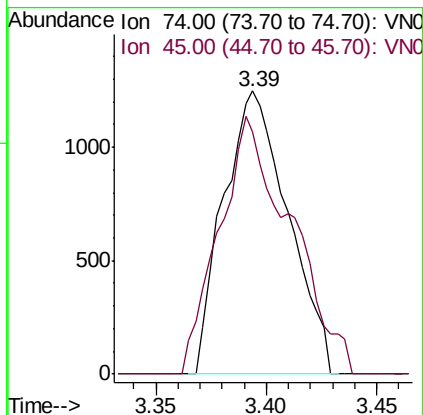
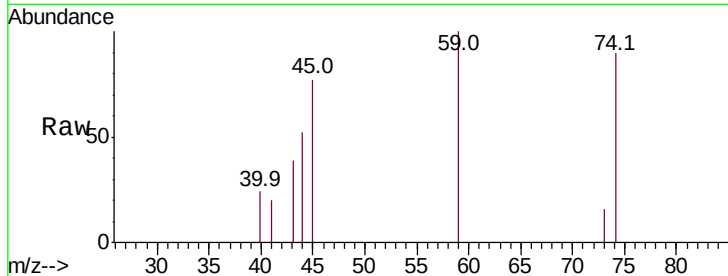
45 101.4 48.1 144.3

Manual Integrations

APPROVED

MMDadoda

8/2/2019 9:12:59 AM



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.895 ug/l m

RT: 3.73 min Scan# 609

Delta R.T. -0.01 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

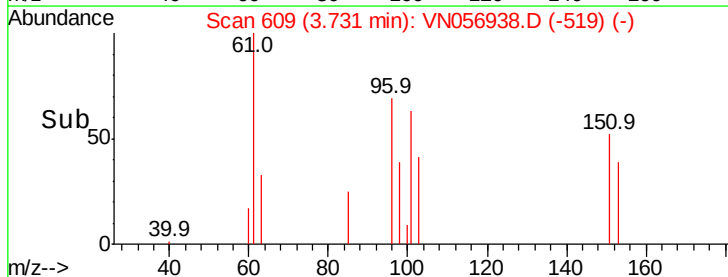
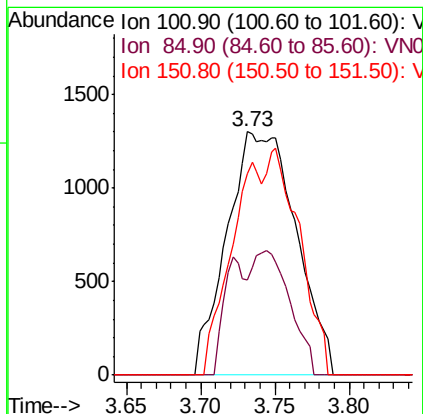
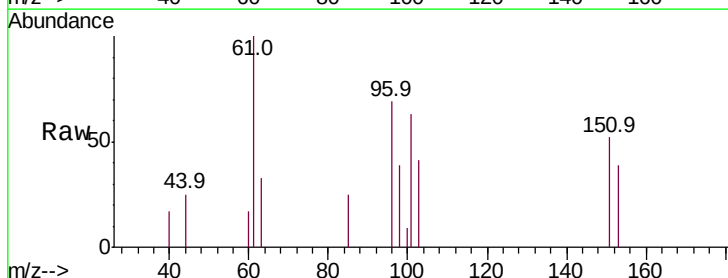
Tgt Ion: 101 Resp: 4199

Ion Ratio Lower Upper

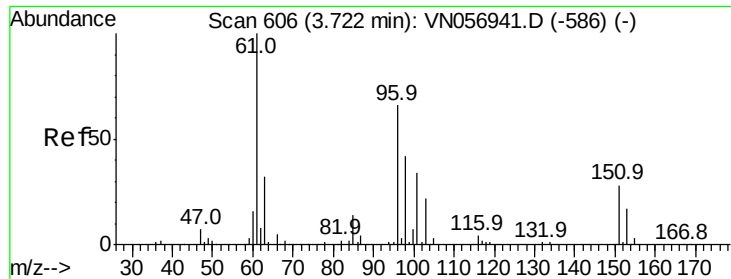
101 100

85 15.7 32.3 48.5#

151 40.7 68.0 102.0#







#12

1,1-Dichloroethene

Concen: 0.887 ug/l

RT: 3.72 min Scan# 606

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

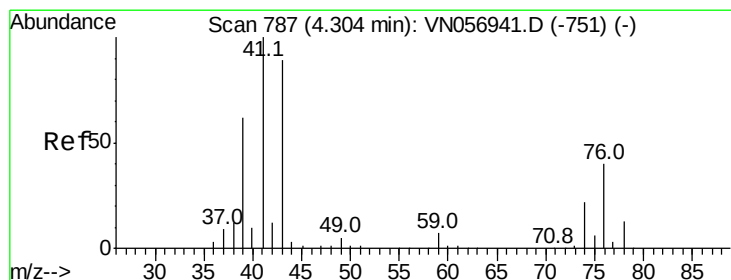
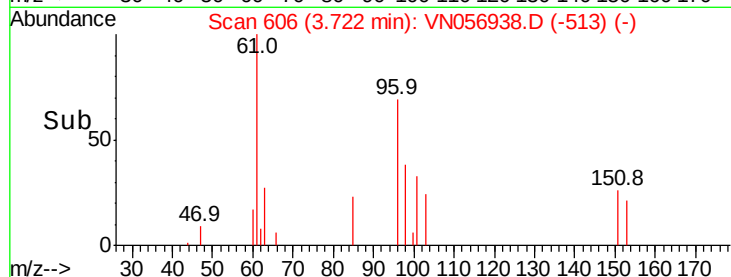
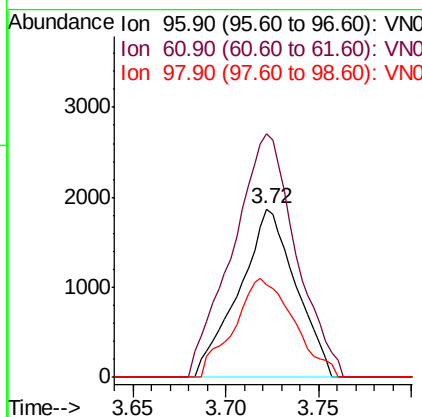
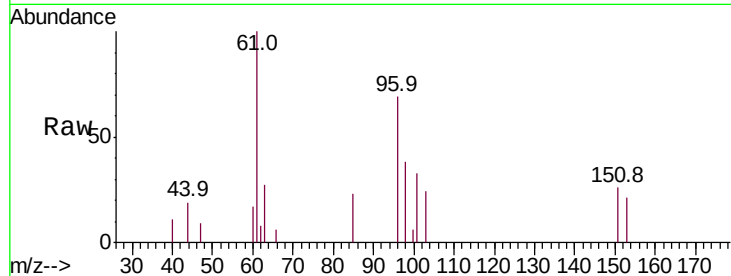
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 4001  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 144.5 | 121.8 | 182.8 |
| 98       | 54.8  | 51.7  | 77.5  |

Manual Integrations  
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MMDadoda  
8/2/2019 9:12:59 AM



#14

Allyl chloride

Concen: 0.825 ug/l

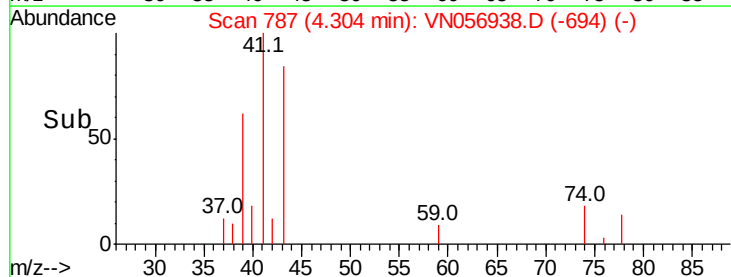
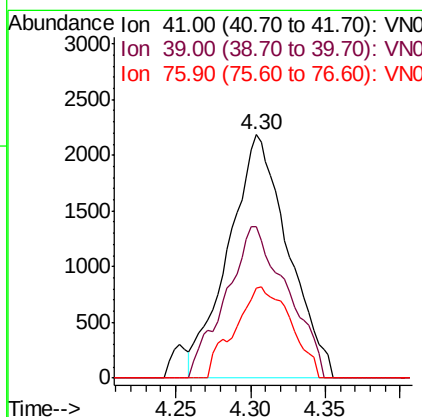
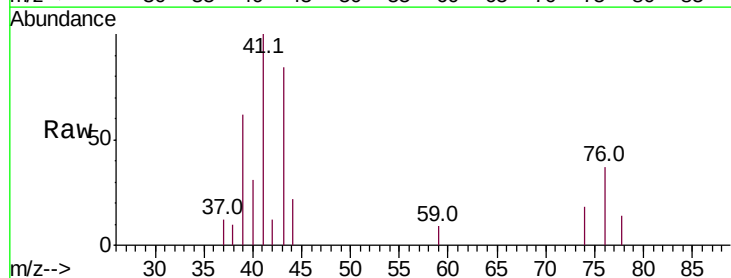
RT: 4.30 min Scan# 787

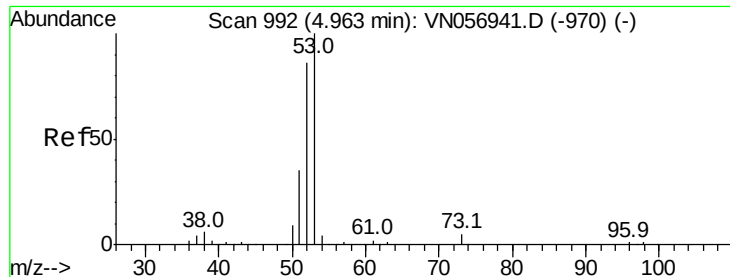
Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 6047  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 64.3  | 46.4  | 69.6  |
| 76       | 35.2  | 28.4  | 42.6  |





#15

Acrylonitrile

Concen: 3.617 ug/l

RT: 4.98 min Scan# 996

Delta R.T. 0.01 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

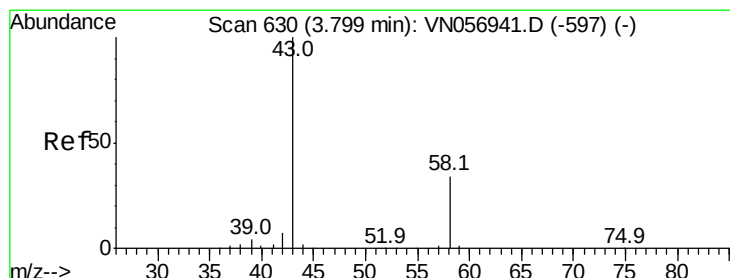
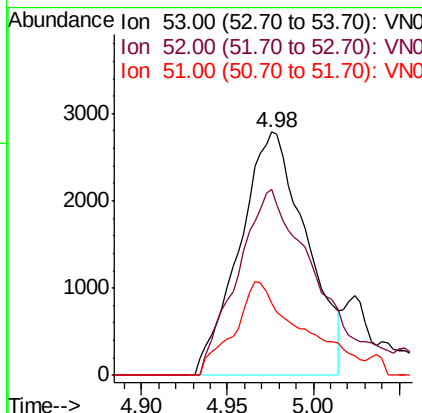
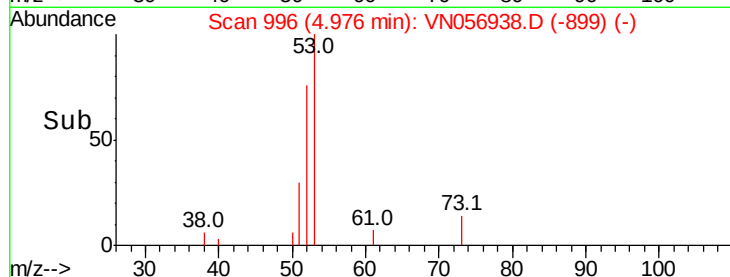
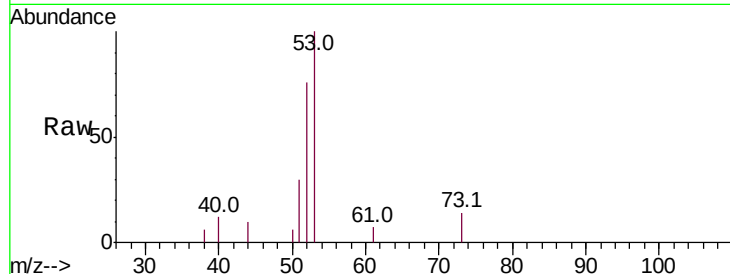
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 7523  |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 91.2  | 66.5  | 99.7  |
| 51       | 39.6  | 28.4  | 42.6  |

Manual Integrations  
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#16

Acetone

Concen: 5.297 ug/l

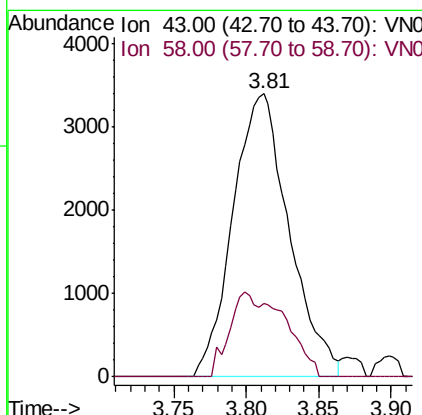
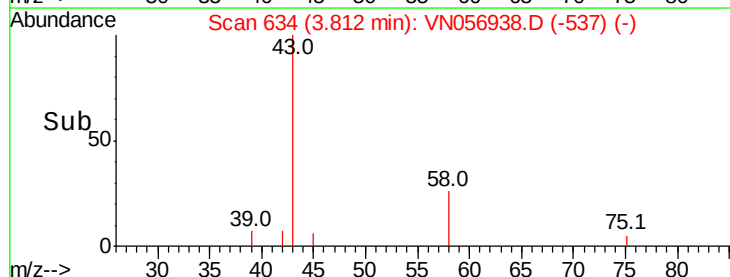
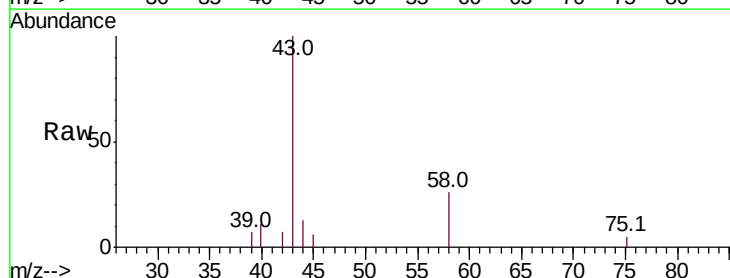
RT: 3.81 min Scan# 634

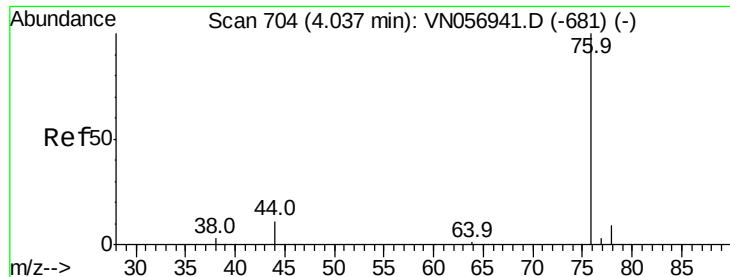
Delta R.T. 0.01 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 9185  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 25.9  | 27.2  | 40.8# |





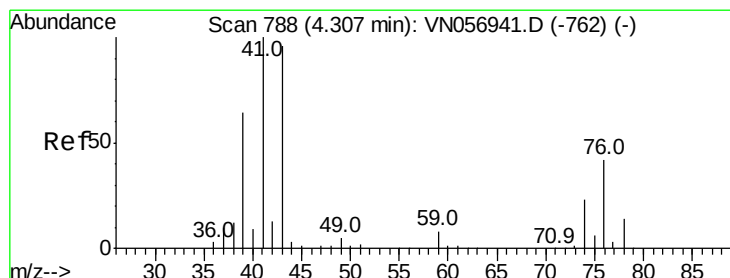
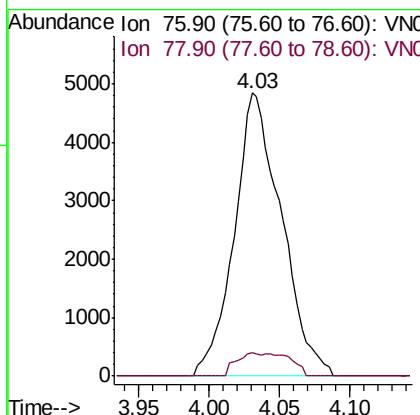
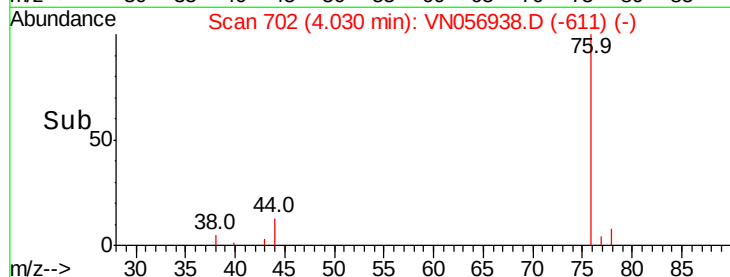
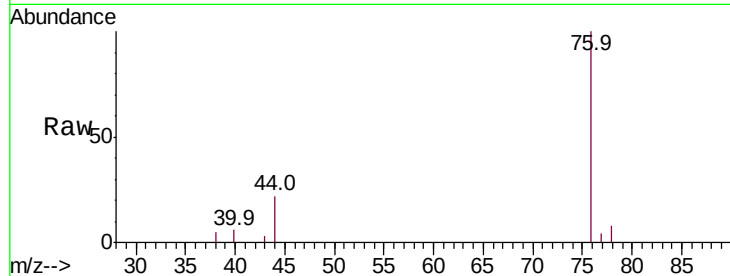
#17  
Carbon Disulfide  
Concen: 0.934 ug/l  
RT: 4.03 min Scan# 702  
Delta R.T. -0.01 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.2   | 7.2   | 10.8  |

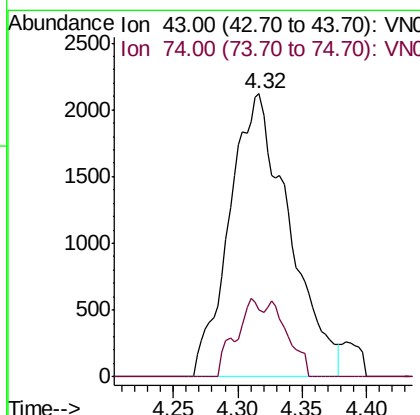
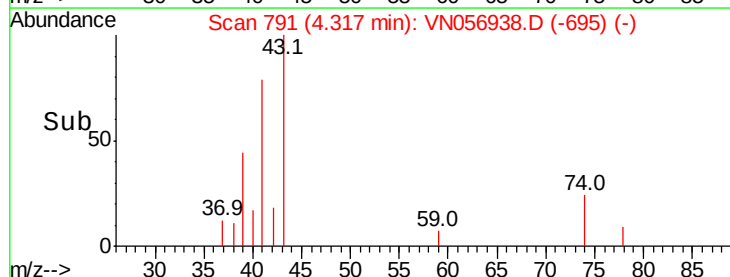
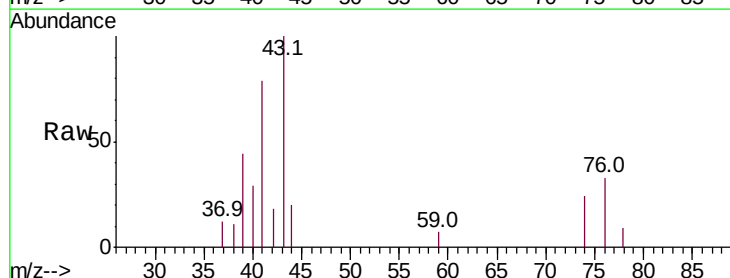
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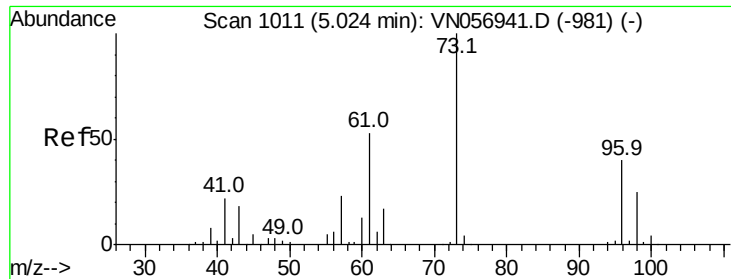
MMDadoda  
8/2/2019 9:12:59 AM



#18  
Methyl Acetate  
Concen: 1.131 ug/l  
RT: 4.32 min Scan# 791  
Delta R.T. 0.01 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 12.3  | 19.7  | 29.5# |





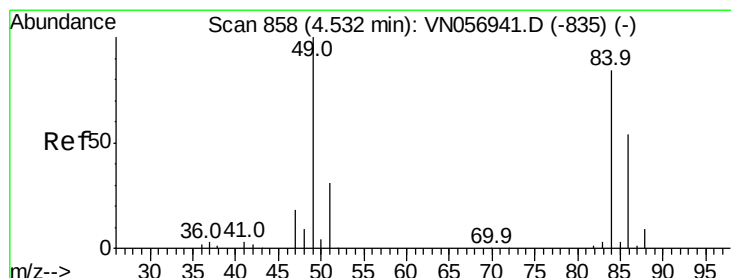
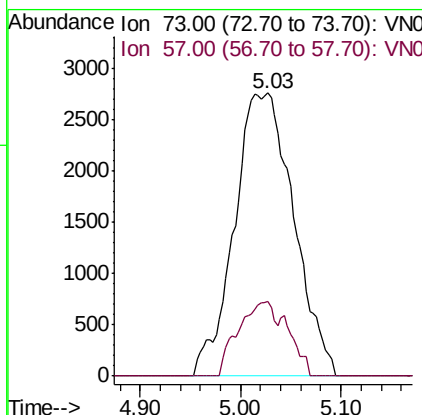
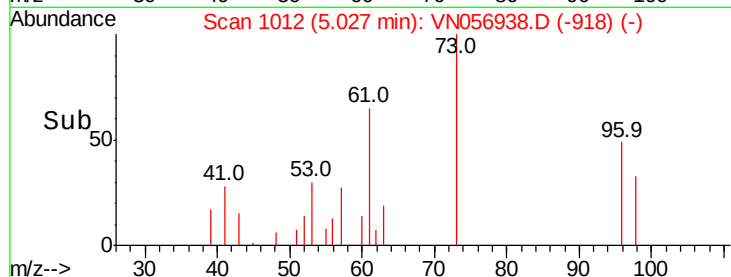
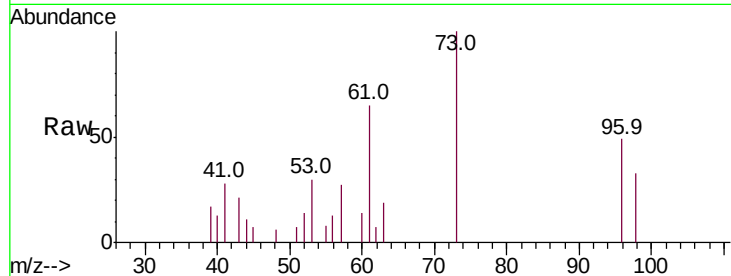
#19  
Methyl tert-butyl Ether  
Concen: 0.847 ug/l m  
RT: 5.03 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

Tot Ion: 73 Resp: 11281  
Ion Ratio Lower Upper  
73 100  
57 26.6 18.3 27.5

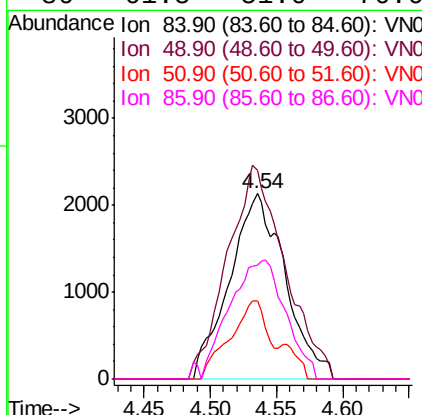
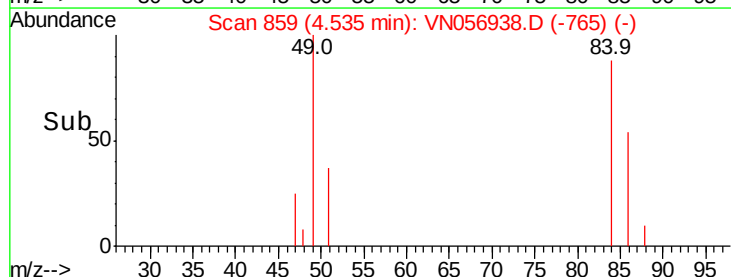
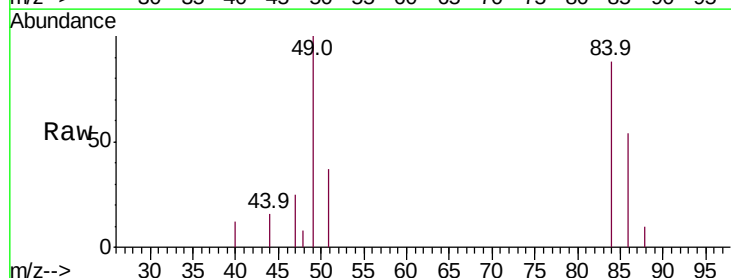
Manual Integrations  
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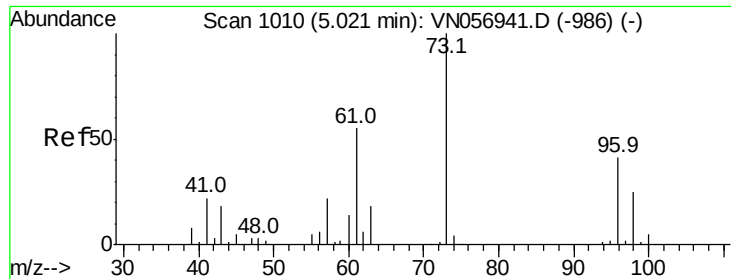
MMDadoda  
8/2/2019 9:12:59 AM



#20  
Methylene Chloride  
Concen: 1.161 ug/l  
RT: 4.54 min Scan# 859  
Delta R.T. 0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Tgt Ion: 84 Resp: 6239  
Ion Ratio Lower Upper  
84 100  
49 113.0 95.2 142.8  
51 42.3 29.7 44.5  
86 61.5 51.0 76.6





#21

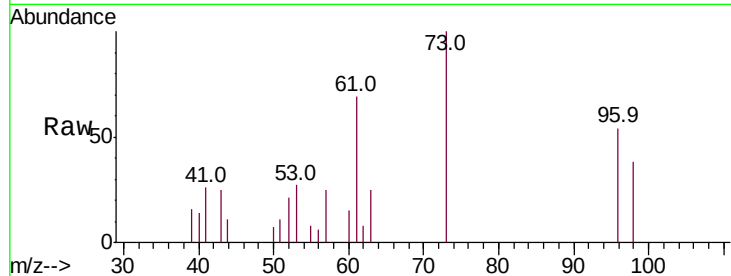
trans-1,2-Dichloroethene  
Concen: 0.882 ug/l  
RT: 5.02 min Scan# 1009  
Delta R.T. -0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 115.9 | 107.5 | 161.3 |
| 98      | 71.2  | 49.9  | 74.9  |

Manual Integrations  
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MMDadoda  
8/2/2019 9:12:59 AM

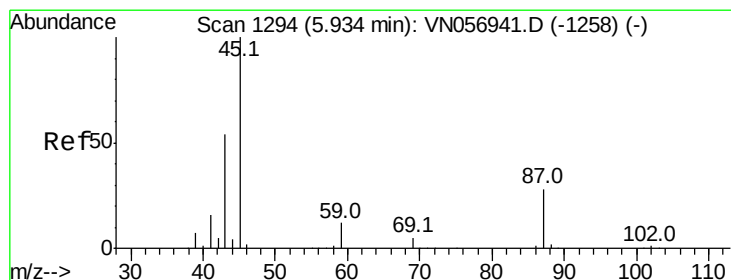
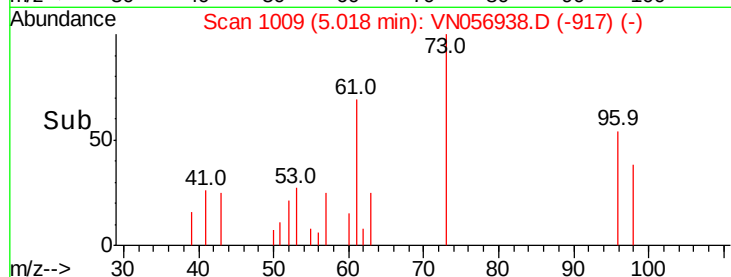
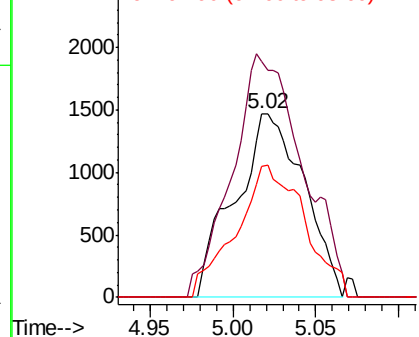


Abundance

Ion 95.90 (95.60 to 96.60): VN056938.D (-1201) (-)

Ion 60.90 (60.60 to 61.60): VN056938.D (-1201) (-)

Ion 97.90 (97.60 to 98.60): VN056938.D (-1201) (-)



#22

Diisopropyl ether  
Concen: 0.897 ug/l  
RT: 5.94 min Scan# 1295  
Delta R.T. 0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 68.8  | 44.7  | 67.1# |
| 87      | 25.1  | 23.0  | 34.6  |
| 59      | 15.5  | 9.8   | 14.8# |

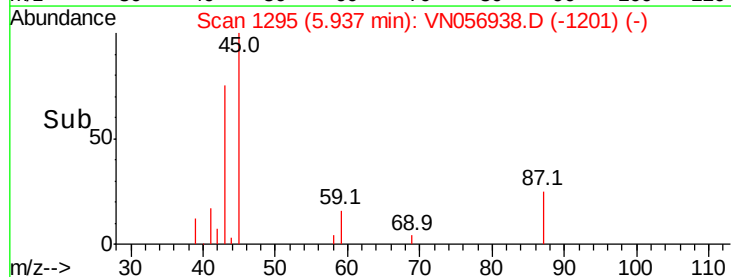
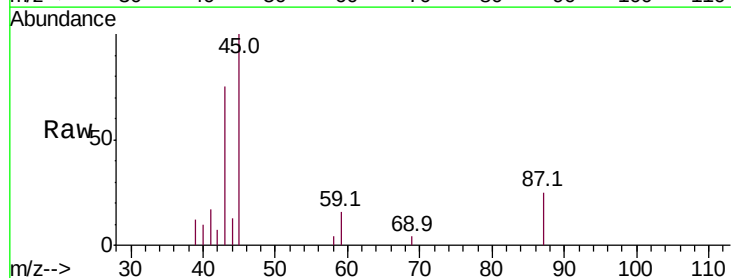
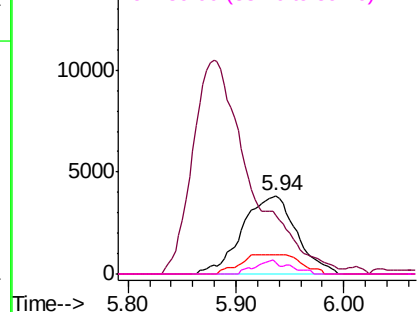
Abundance

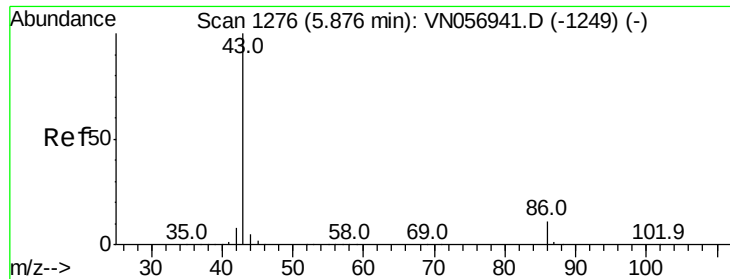
Ion 45.00 (44.70 to 45.70): VN056938.D (-1201) (-)

Ion 43.00 (42.70 to 43.70): VN056938.D (-1201) (-)

Ion 87.00 (86.70 to 87.70): VN056938.D (-1201) (-)

Ion 59.00 (58.70 to 59.70): VN056938.D (-1201) (-)





#23

Vinyl Acetate

Concen: 3.784 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 39010

Ion Ratio Lower Upper

43 100

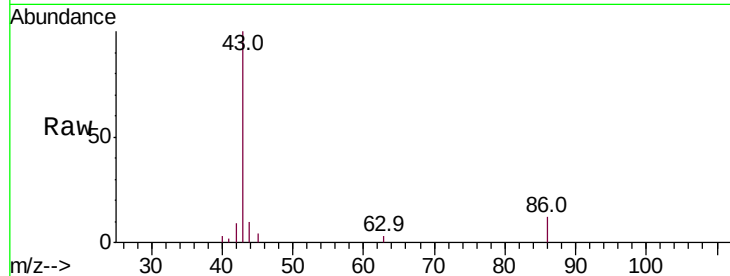
86 12.2 8.5 12.7

Manual Integrations

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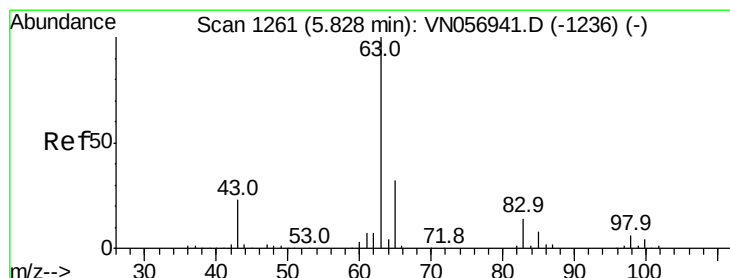
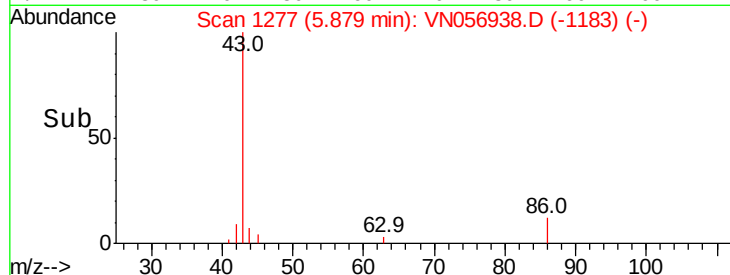
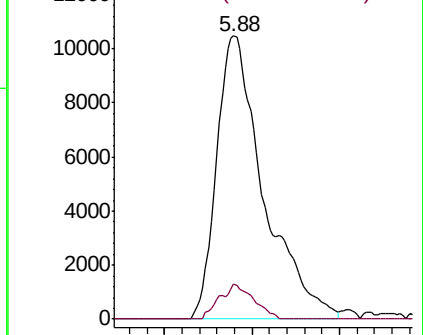
MMDadoda

8/2/2019 9:12:59 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 0.960 ug/l

RT: 5.83 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

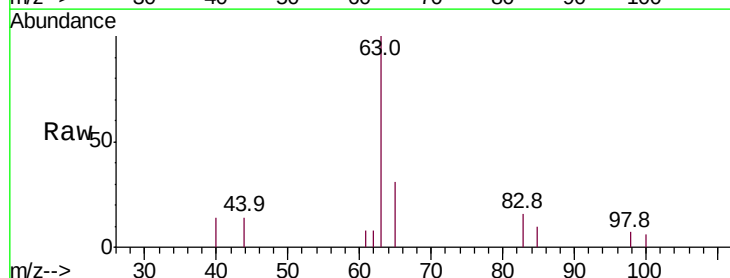
Tgt Ion: 63 Resp: 8407

Ion Ratio Lower Upper

63 100

98 7.1 3.2 9.6

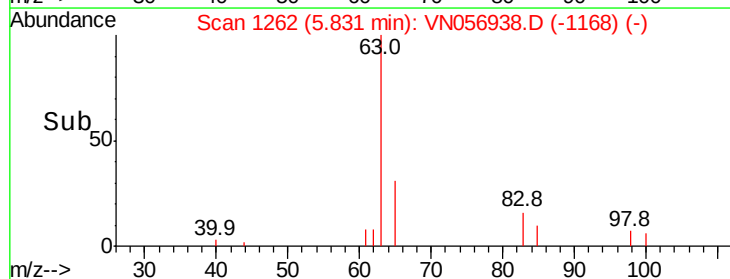
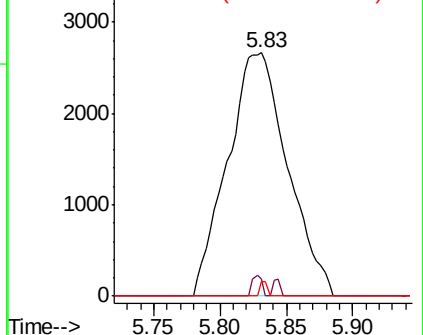
100 5.9 2.1 6.3

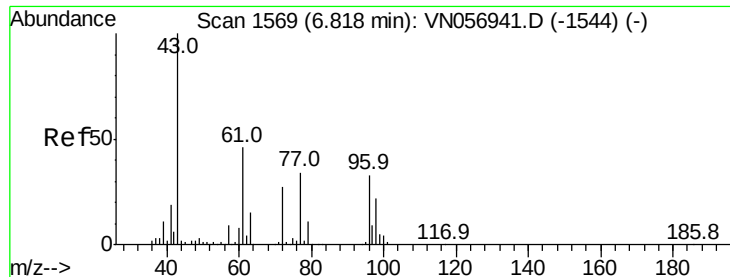


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 3.873 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 10305

Ion Ratio Lower Upper

43 100

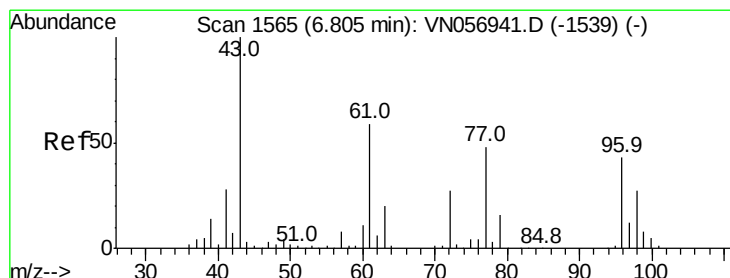
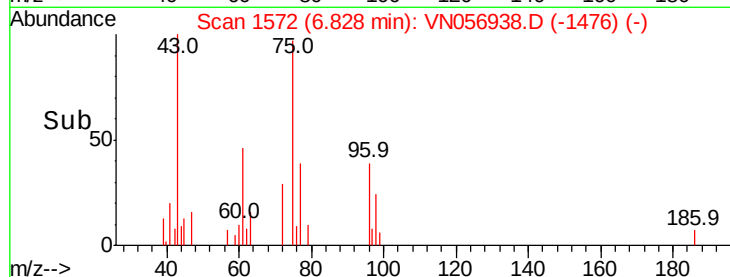
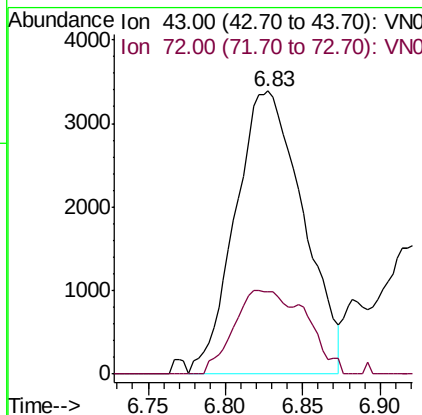
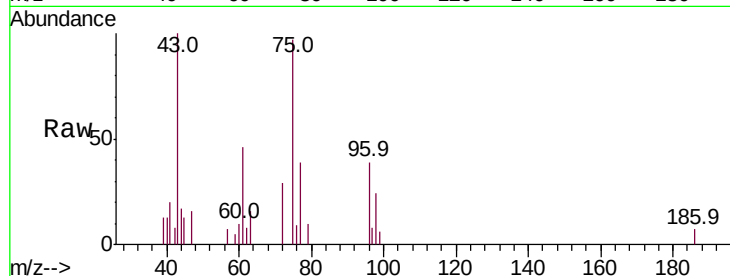
72 29.1 21.5 32.3

Manual Integrations

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8/2/2019 9:12:59 AM



#26

2,2-Dichloropropane

Concen: 1.008 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN056938.D

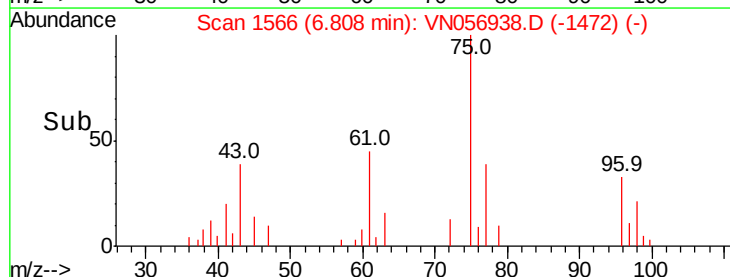
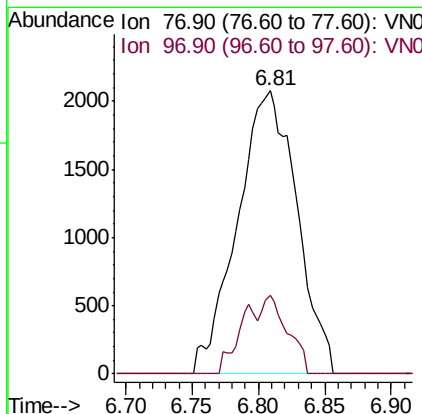
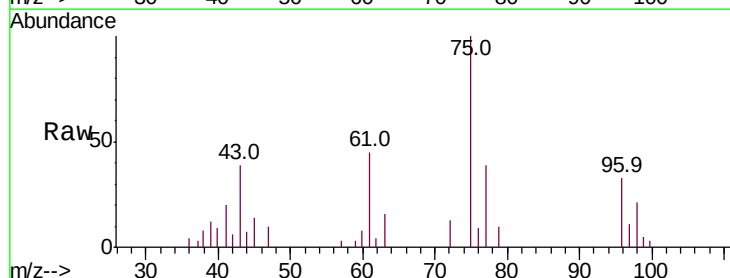
Acq: 26 Jul 2019 8:51

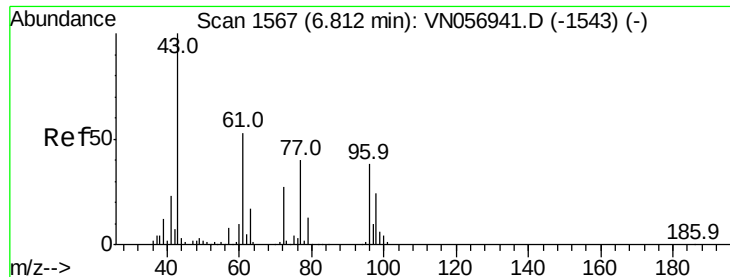
Tgt Ion: 77 Resp: 6492

Ion Ratio Lower Upper

77 100

97 12.3 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 1.028 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

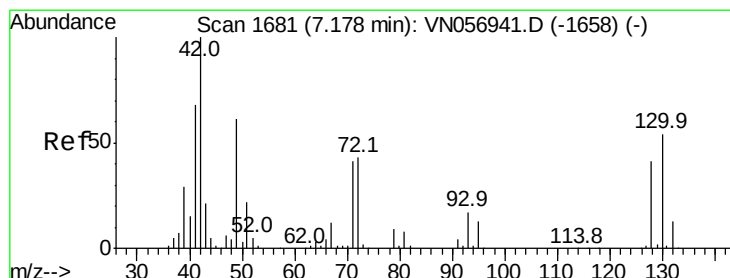
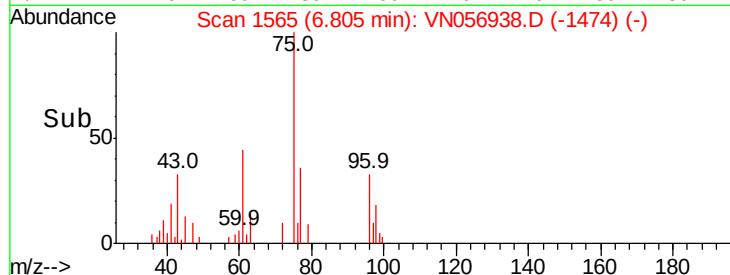
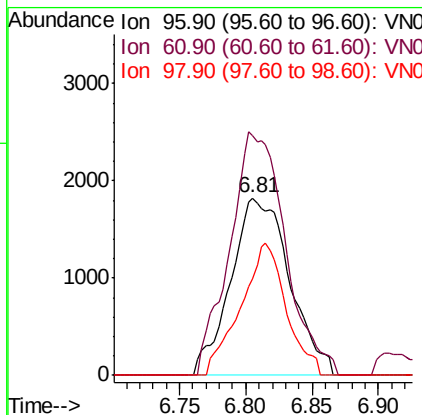
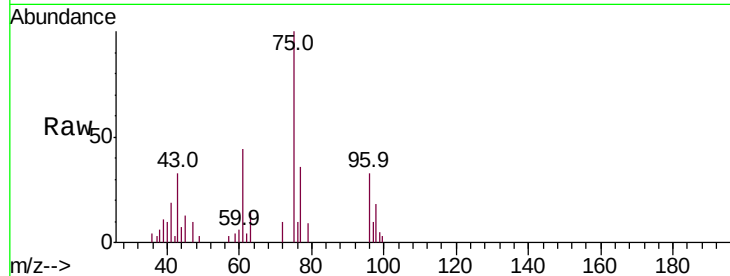
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 5659  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 129.5 | 0.0   | 277.2 |
| 98       | 57.4  | 0.0   | 128.4 |

Manual Integrations  
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8/2/2019 9:12:59 AM



#28

Bromochloromethane

Concen: 0.981 ug/l

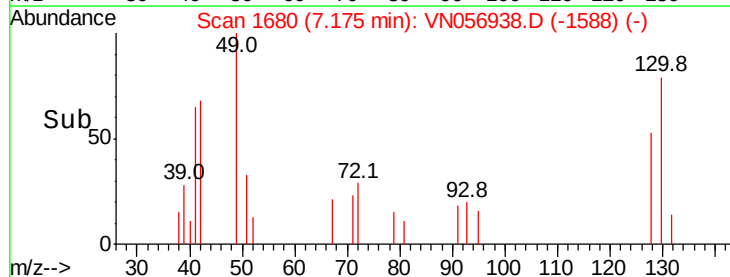
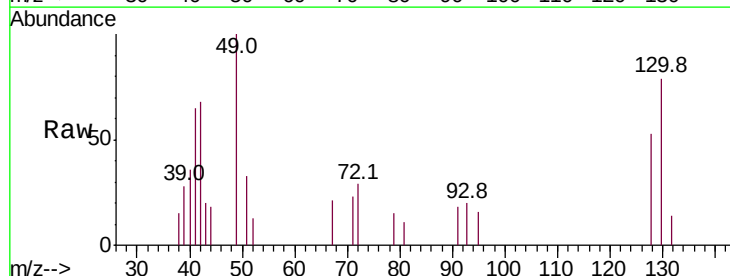
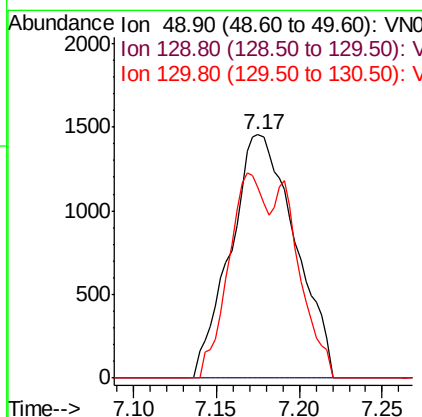
RT: 7.17 min Scan# 1680

Delta R.T. -0.00 min

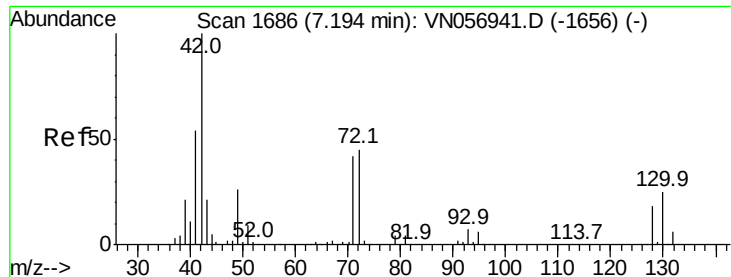
Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 3941   |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 0.0   | 0.0   | 4.6    |
| 130      | 49.4  | 69.0  | 103.4# |







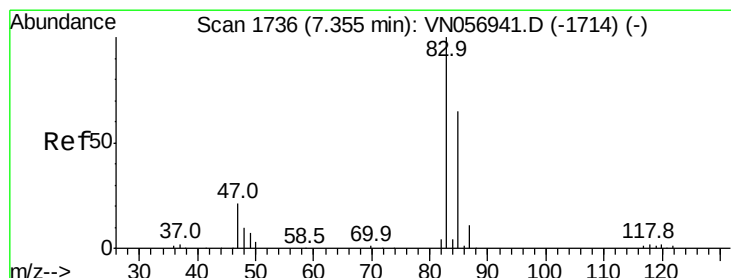
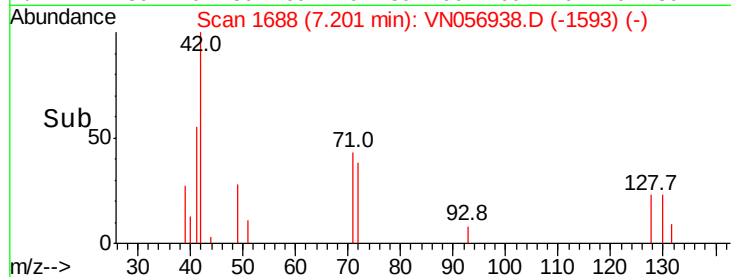
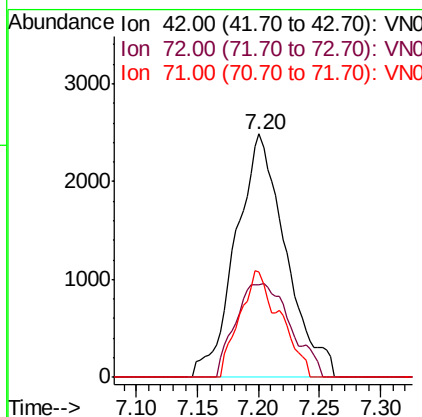
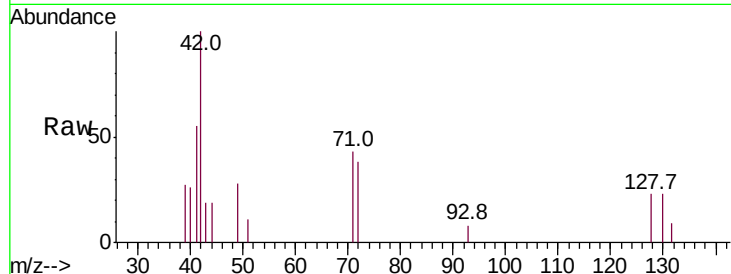
#29  
Tetrahydrofuran  
Concen: 4.042 ug/l  
RT: 7.20 min Scan# 1688  
Delta R.T. 0.01 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.5  | 35.6  | 53.4  |
| 71      | 35.5  | 33.5  | 50.3  |

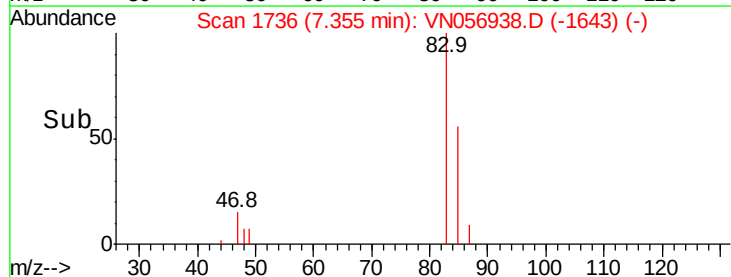
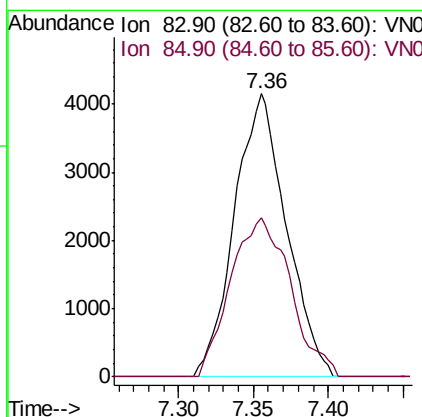
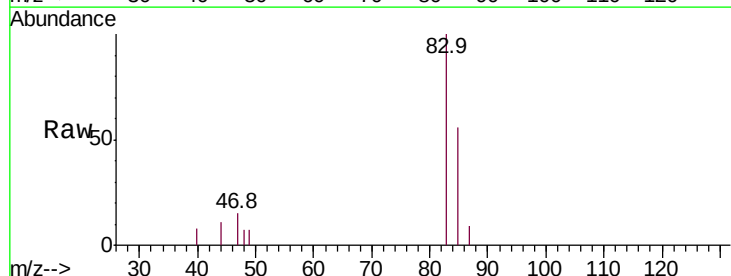
Manual Integrations  
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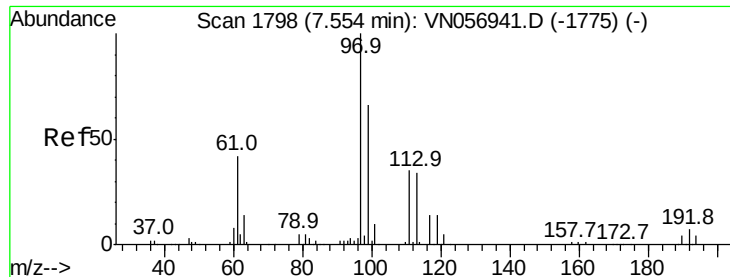
MMDadoda  
8/2/2019 9:12:59 AM



#30  
Chloroform  
Concen: 1.112 ug/l  
RT: 7.36 min Scan# 1736  
Delta R.T. -0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 56.1  | 52.2  | 78.2  |





#32

1,1,1-Trichloroethane

Concen: 0.911 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

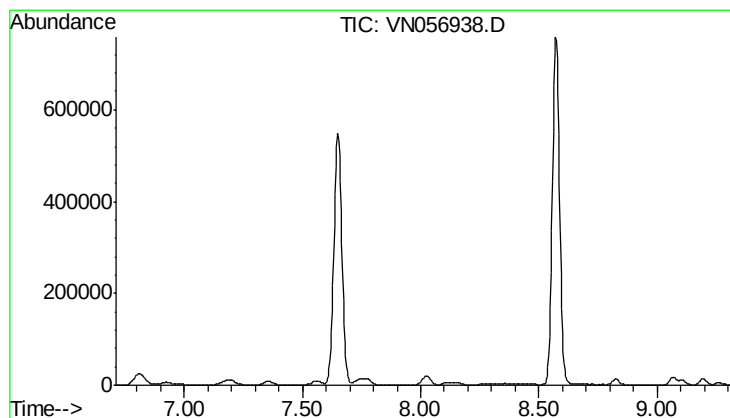
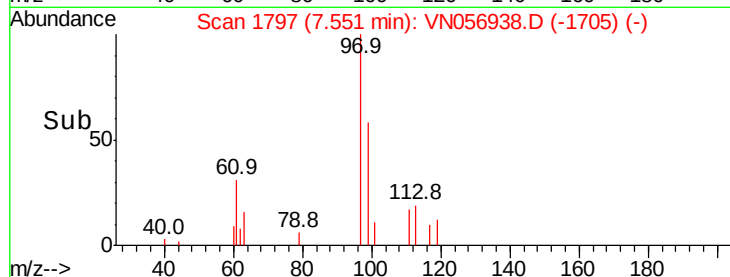
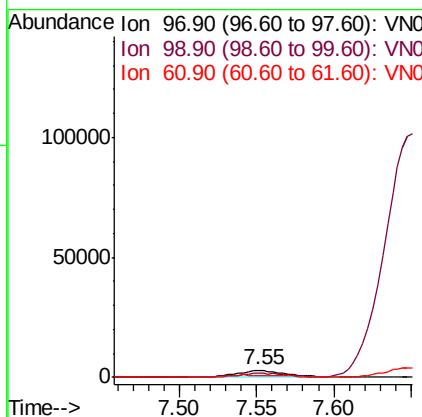
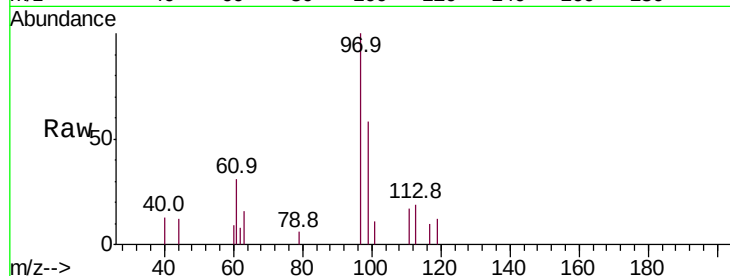
ClientSampleId :

VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 0.0   | 52.3  | 78.5# |
| 61      | 40.1  | 33.9  | 50.9  |

Manual Integrations  
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.01 min

Lab File: VN056938.D

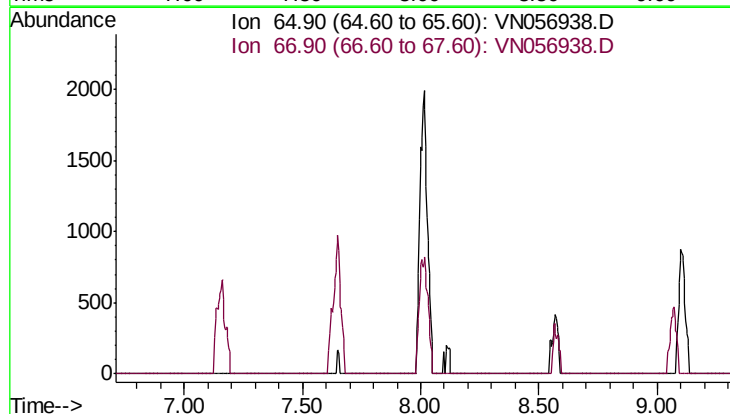
Acq: 26 Jul 2019 8:51

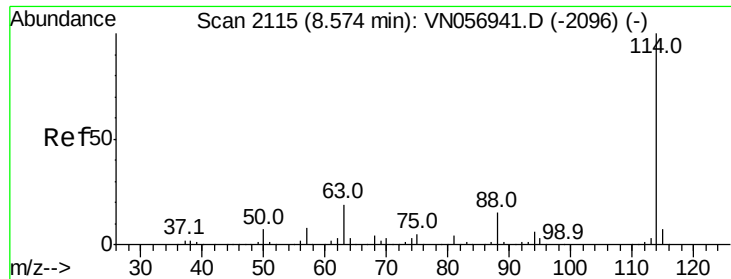
Tgt Ion: 65

Sig Exp Ratio

65 100

67 56.0





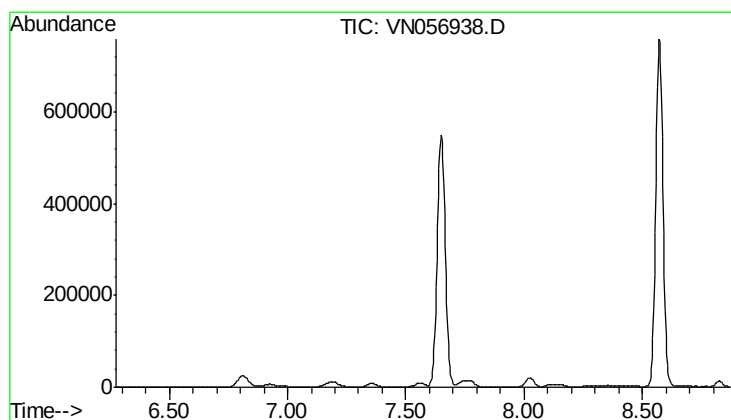
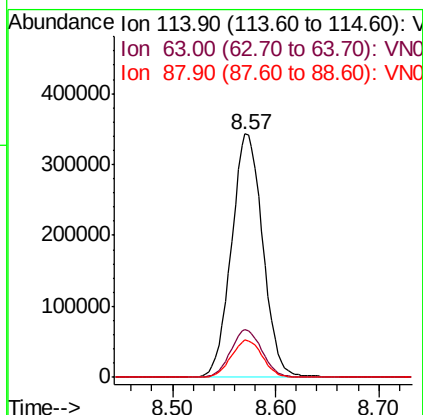
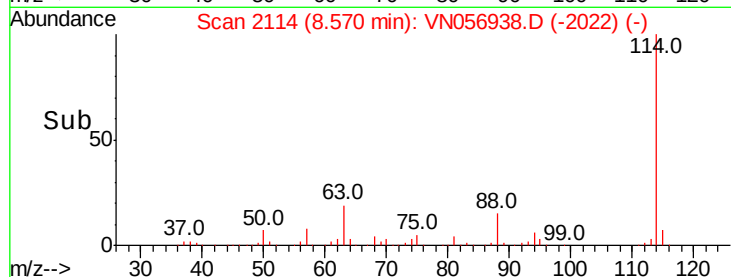
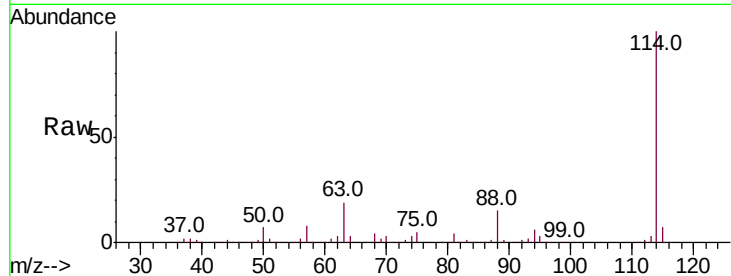
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2114  
 Delta R.T. -0.00 min  
 Lab File: VN056938.D  
 Acq: 26 Jul 2019 8:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 114     | 100   |            |       |
| 63      | 19.5  | 0.0        | 38.0  |
| 88      | 15.2  | 0.0        | 30.0  |

Manual Integrations  
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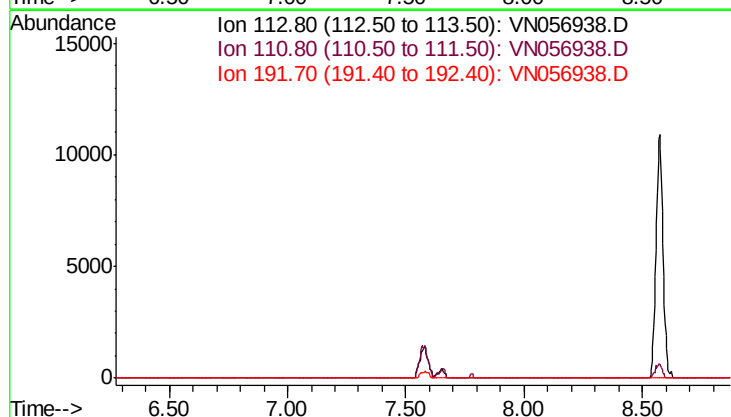
MMDadoda  
 8/2/2019 9:12:59 AM

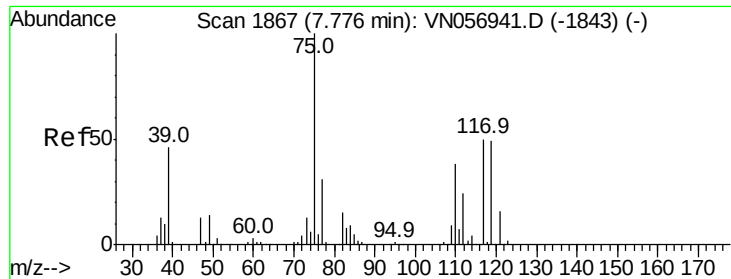


#35  
 Dibromofluoromethane  
 Concen: 0.000 ug/l  
 Expected RT: 7.57 min

Lab File: VN056938.D  
 Acq: 26 Jul 2019 8:51

| Tgt Ion | Exp Ratio |
|---------|-----------|
| 113     | 100       |
| 111     | 102.5     |
| 192     | 23.0      |





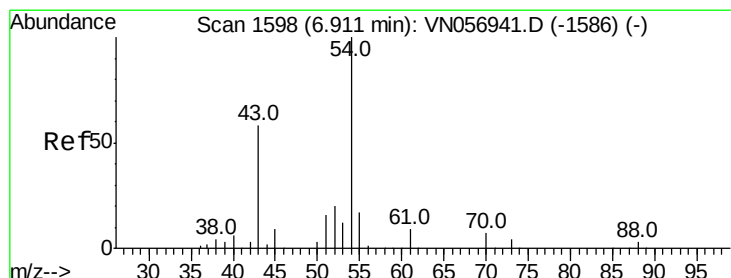
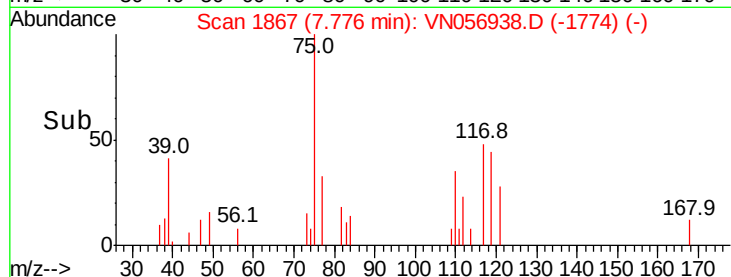
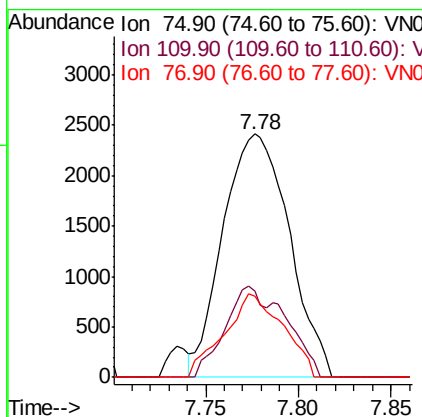
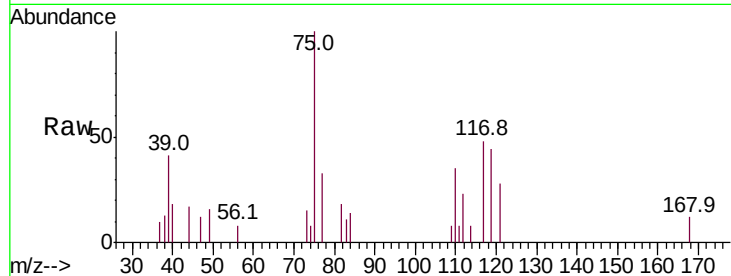
#36  
 1,1-Dichloropropene  
 Concen: 0.913 ug/l  
 RT: 7.78 min Scan# 1867  
 Delta R.T. -0.00 min  
 Lab File: VN056938.D  
 Acq: 26 Jul 2019 8:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 22.1  | 18.6  | 55.8  |
| 77      | 30.5  | 25.2  | 37.8  |

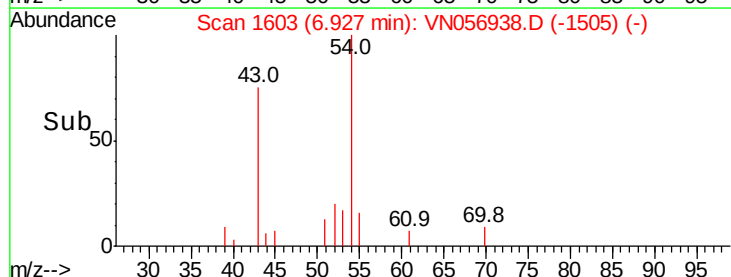
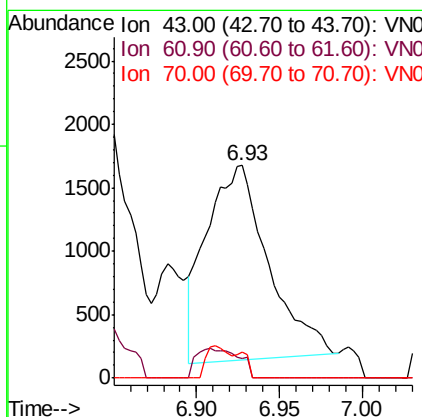
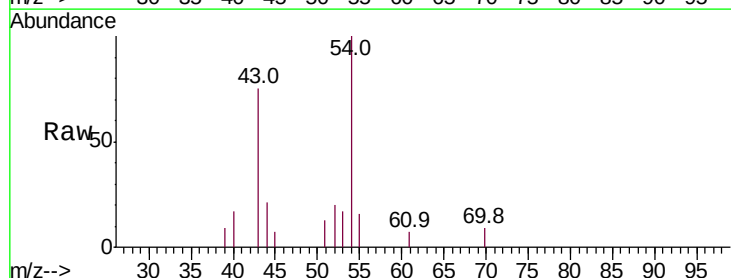
Manual Integrations  
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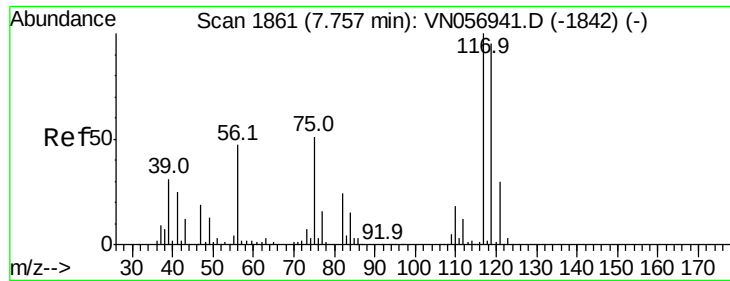
MMDadoda  
 8/2/2019 9:12:59 AM



#37  
 Ethyl Acetate  
 Concen: 0.740 ug/l  
 RT: 6.93 min Scan# 1603  
 Delta R.T. 0.02 min  
 Lab File: VN056938.D  
 Acq: 26 Jul 2019 8:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 10.4  | 11.8  | 17.6# |
| 70      | 6.1   | 8.5   | 12.7# |





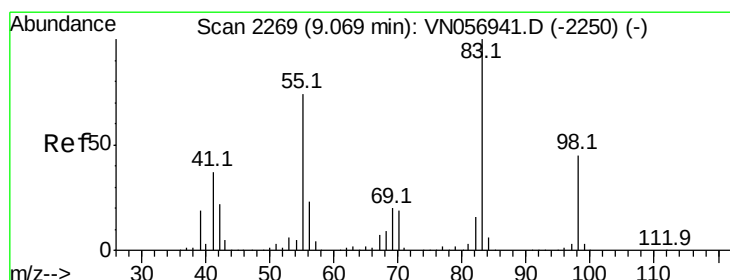
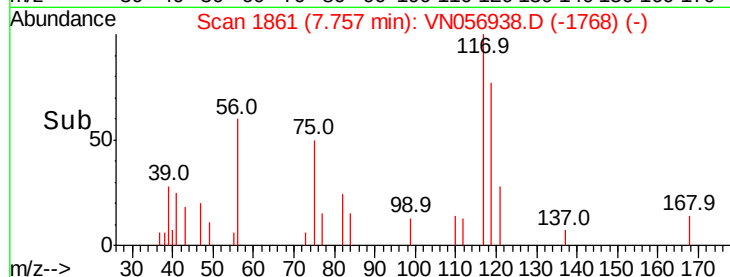
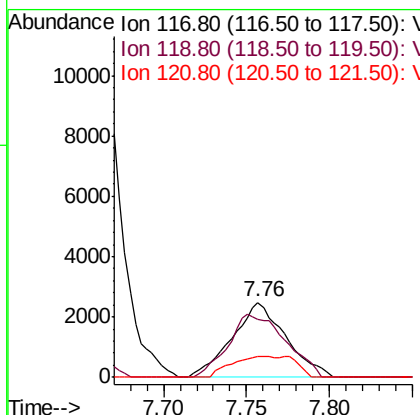
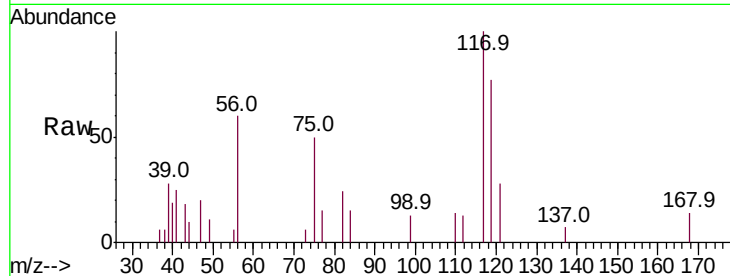
#38  
Carbon Tetrachloride  
Concen: 0.896 ug/l  
RT: 7.76 min Scan# 1861  
Delta R.T. -0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 76.9  | 75.3  | 112.9 |
| 121     | 27.5  | 24.2  | 36.4  |

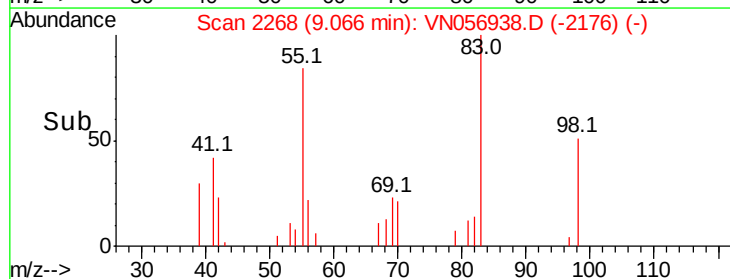
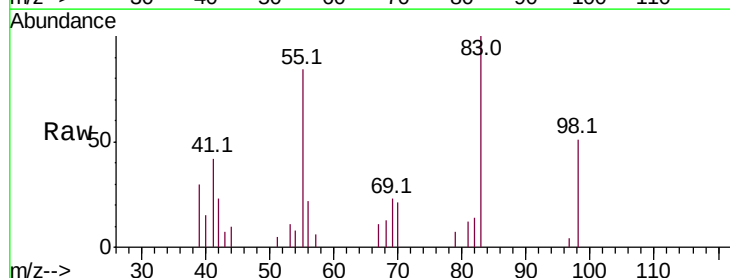
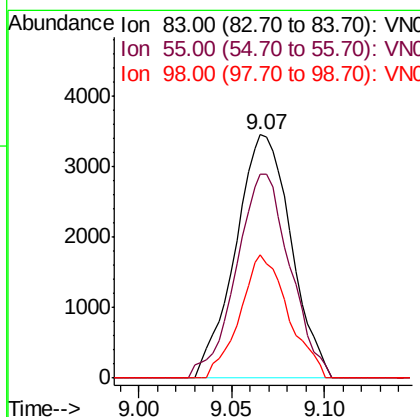
Manual Integrations  
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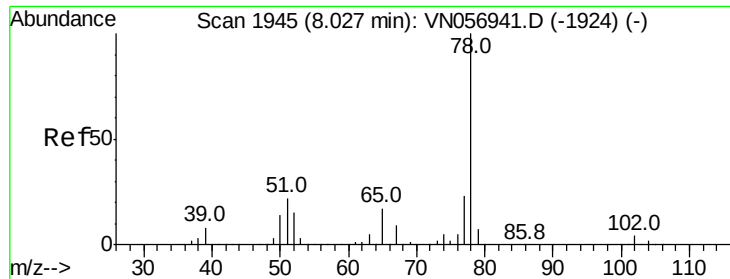
MMDadoda  
8/2/2019 9:12:59 AM



#39  
Methylcyclohexane  
Concen: 0.898 ug/l  
RT: 9.07 min Scan# 2268  
Delta R.T. -0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 83.7  | 59.0  | 88.6  |
| 98      | 50.6  | 36.2  | 54.4  |





#40

Benzene

Concen: 0.902 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 18376

Ion Ratio Lower Upper

78 100

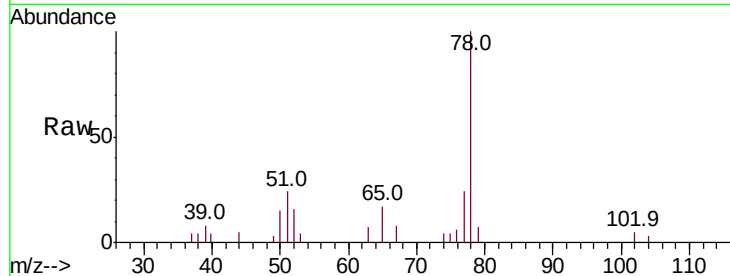
77 24.1 18.3 27.5

Manual Integrations

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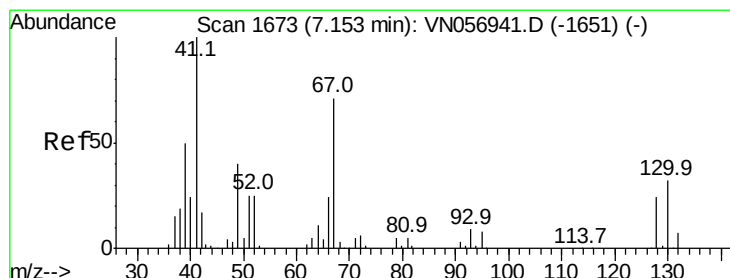
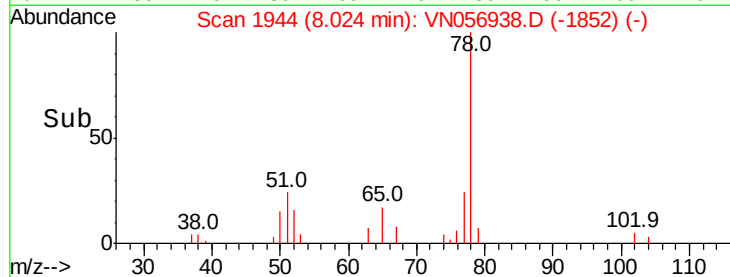
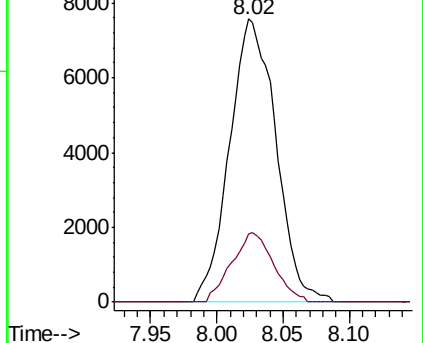
MMDadoda

8/2/2019 9:12:59 AM



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#41

Methacrylonitrile

Concen: 0.859 ug/l

RT: 7.16 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Tgt Ion: 41 Resp: 2057

Ion Ratio Lower Upper

41 100

39 50.6 48.9 73.3

67 77.7 83.4 125.0#

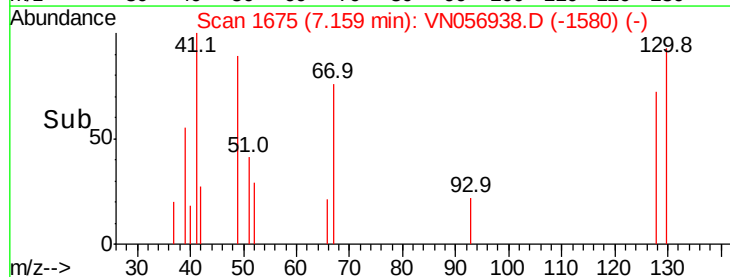
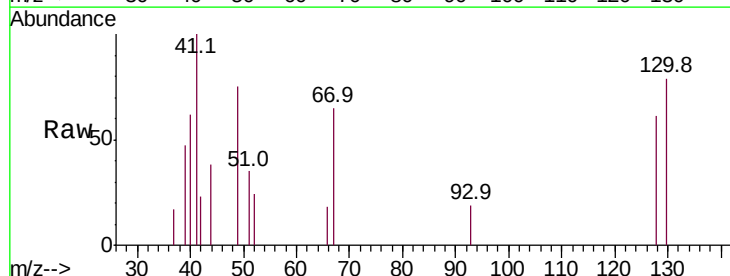
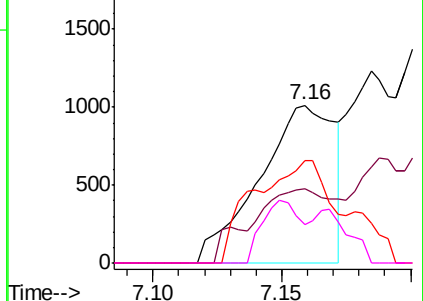
52 13.6 30.9 46.3#

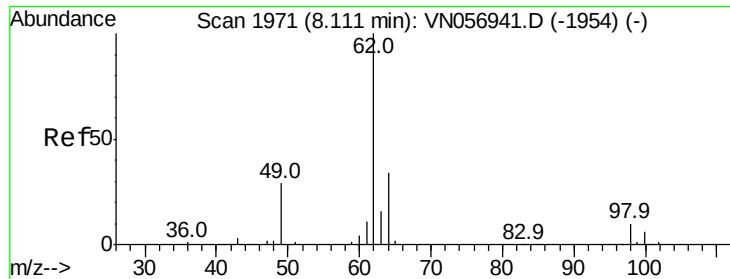
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0





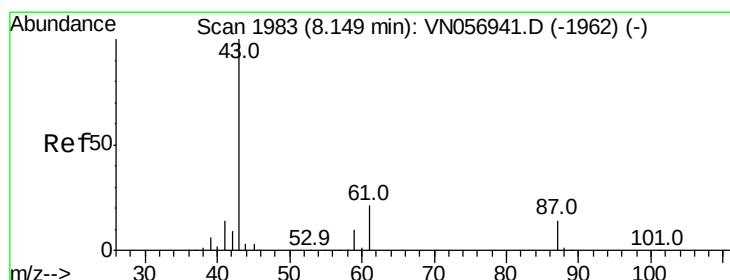
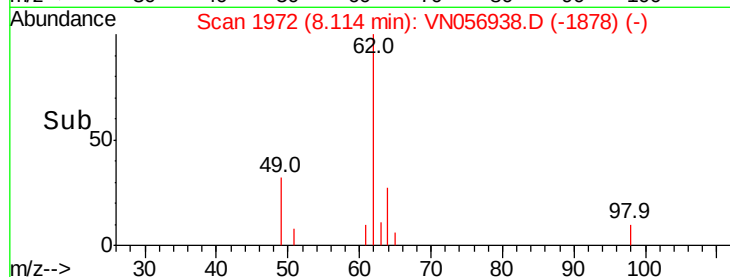
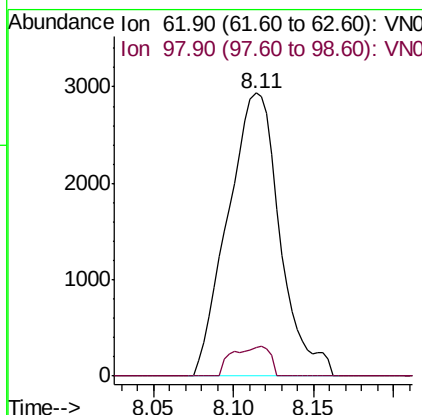
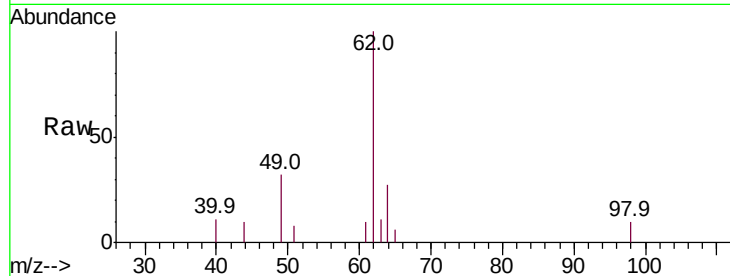
#42  
 1,2-Dichloroethane  
 Concen: 1.039 ug/l  
 RT: 8.11 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: VN056938.D  
 Acq: 26 Jul 2019 8:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 7.6   | 0.0   | 20.6  |

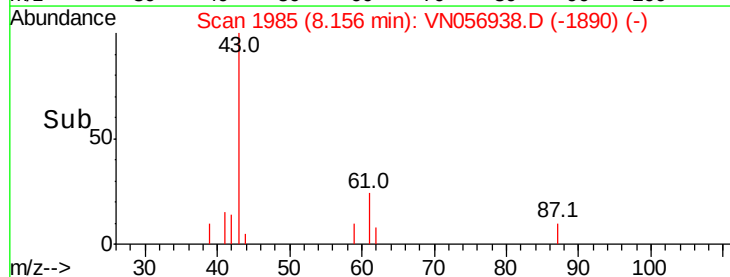
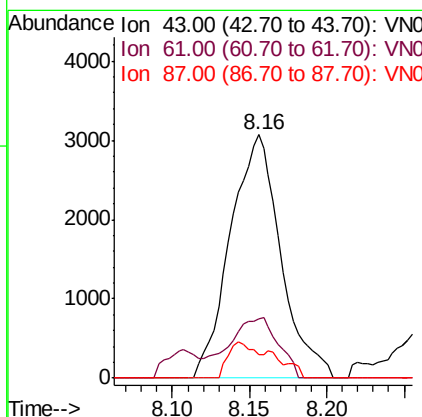
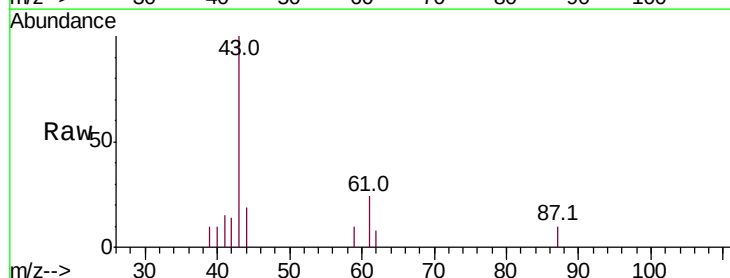
Manual Integrations  
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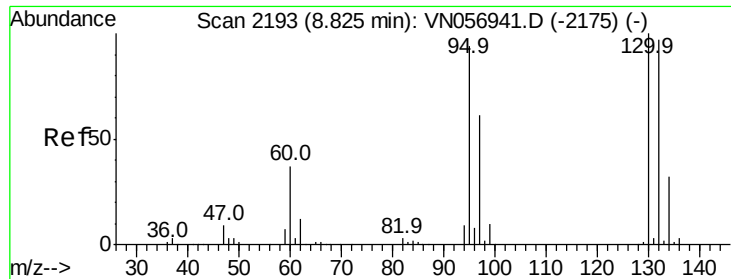
MMDadoda  
 8/2/2019 9:12:59 AM



#43  
 Isopropyl Acetate  
 Concen: 0.790 ug/l  
 RT: 8.16 min Scan# 1985  
 Delta R.T. 0.01 min  
 Lab File: VN056938.D  
 Acq: 26 Jul 2019 8:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 22.7  | 23.0  | 34.6# |
| 87      | 8.5   | 11.7  | 17.5# |





#44

Trichloroethene

Concen: 0.925 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 5120

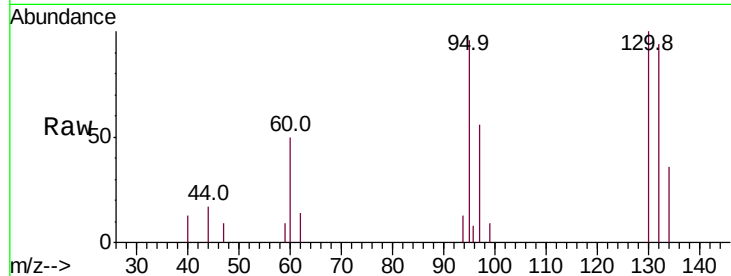
Ion Ratio Lower Upper

130 100

95 96.3 0.0 189.0

Manual Integrations  
APPROVED

MMDadoda  
8/2/2019 9:12:59 AM



Abundance Ion 129.80 (129.50 to 130.50): VN056941.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN056941.D (-2175) (-)

8.82

2500

2000

1500

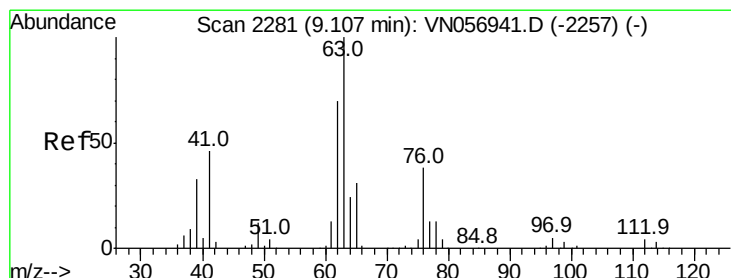
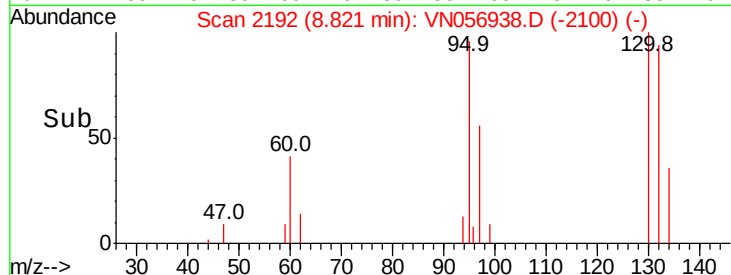
1000

500

0

8.75 8.80 8.85

Time-->



#45

1,2-Dichloropropane

Concen: 0.924 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN056938.D

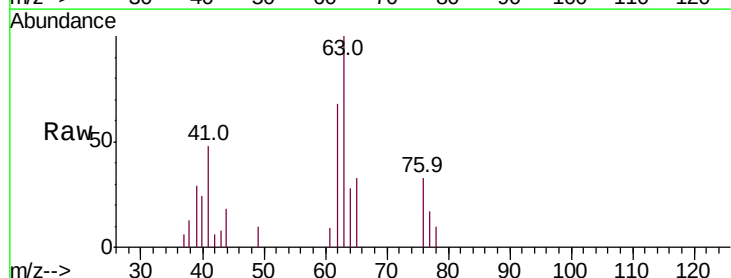
Acq: 26 Jul 2019 8:51

Tgt Ion: 63 Resp: 5046

Ion Ratio Lower Upper

63 100

65 33.2 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN056941.D (-2257) (-)

Ion 64.90 (64.60 to 65.60): VN056941.D (-2257) (-)

9.10

3000

2500

2000

1500

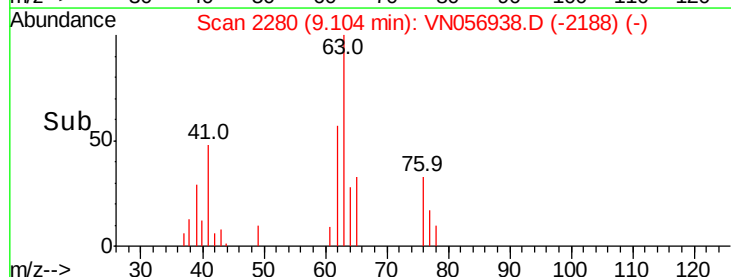
1000

500

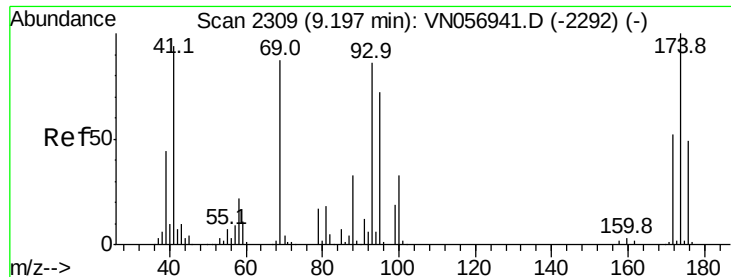
0

9.05 9.10 9.15

Time-->







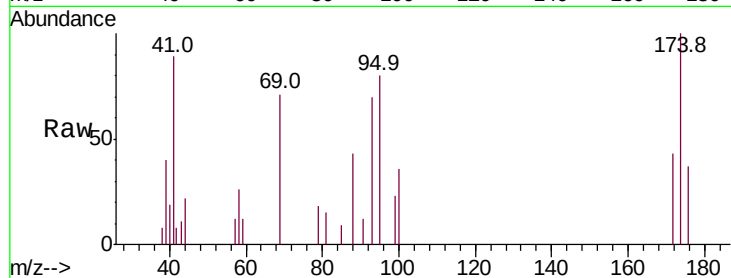
#46  
Dibromomethane  
Concen: 0.846 ug/l  
RT: 9.19 min Scan# 2308  
Delta R.T. -0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

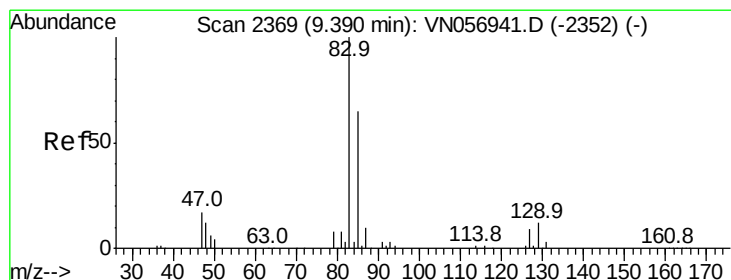
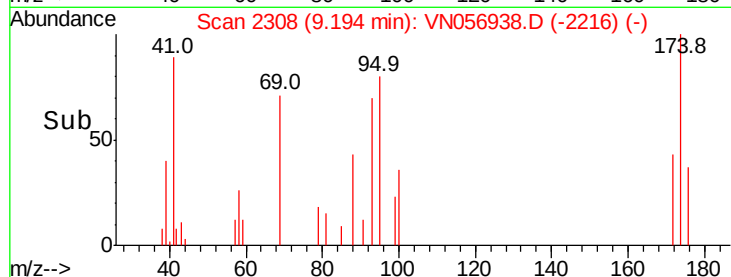
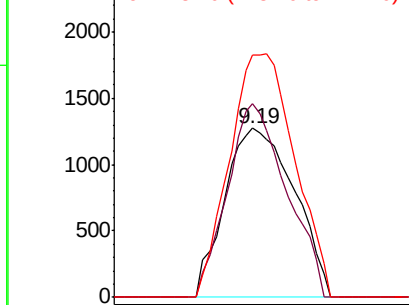
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 97.1  | 67.0  | 100.6 |
| 174     | 134.1 | 92.7  | 139.1 |

Manual Integrations  
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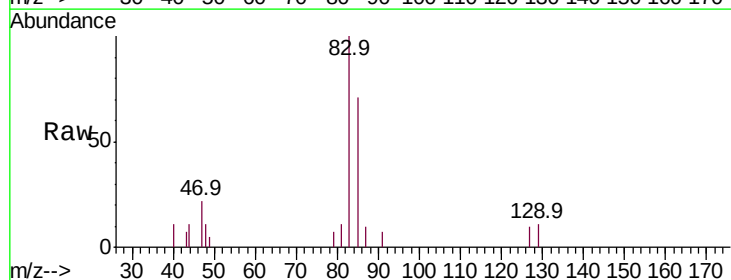


Abundance Ion 92.80 (92.50 to 93.50): VN056941.D (-2292) (-)  
Ion 94.80 (94.50 to 95.50): VN056941.D (-2292) (-)  
Ion 173.70 (173.40 to 174.40): VN056941.D (-2292) (-)

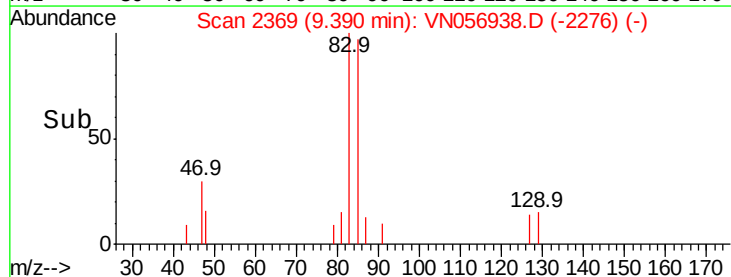
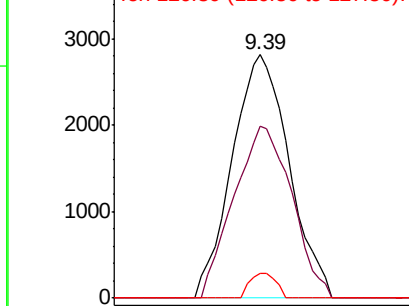


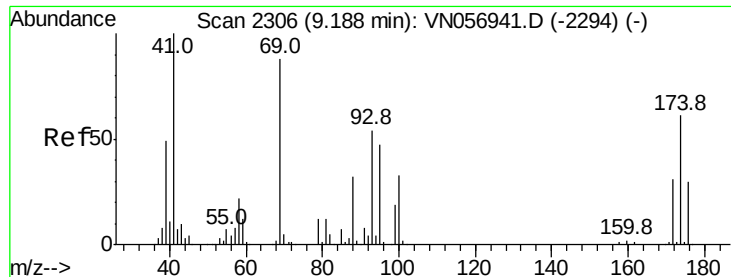
#47  
Bromodichloromethane  
Concen: 0.861 ug/l  
RT: 9.39 min Scan# 2369  
Delta R.T. -0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 70.6  | 51.6  | 77.4  |
| 127     | 10.2  | 7.3   | 10.9  |



Abundance Ion 82.90 (82.60 to 83.60): VN056941.D (-2352) (-)  
Ion 84.90 (84.60 to 85.60): VN056941.D (-2352) (-)  
Ion 126.80 (126.50 to 127.50): VN056941.D (-2352) (-)





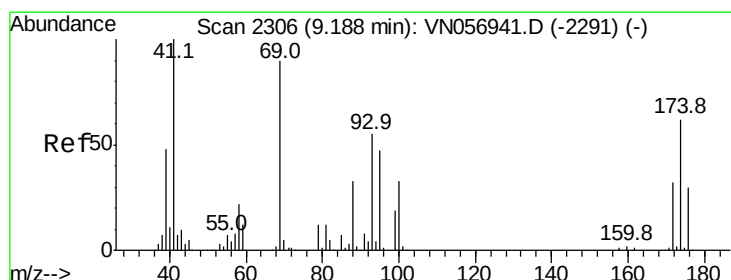
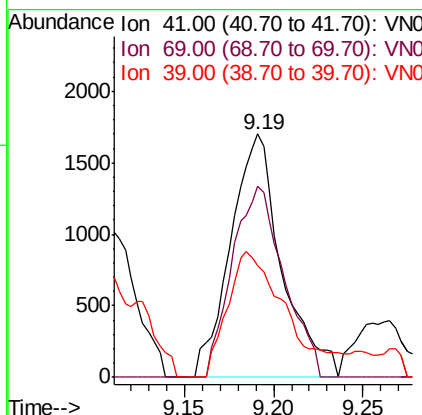
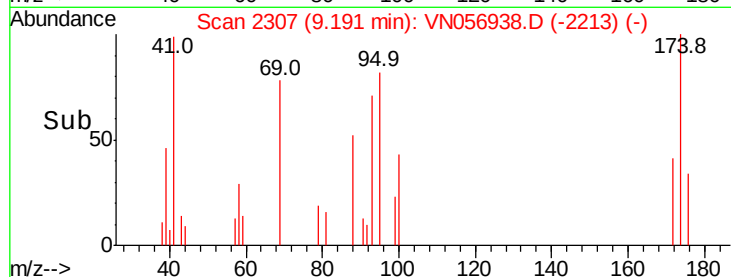
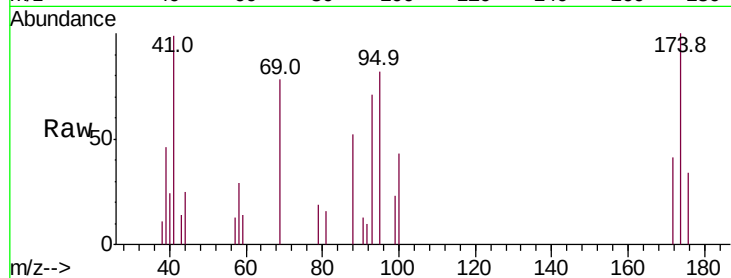
#48  
Methvl methacrylate  
Concen: 0.810 ug/l  
RT: 9.19 min Scan# 2307  
Delta R.T. 0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 79.2  | 73.4  | 110.0 |
| 39      | 59.9  | 39.9  | 59.9  |

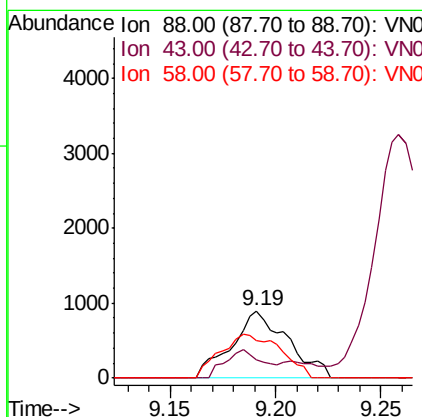
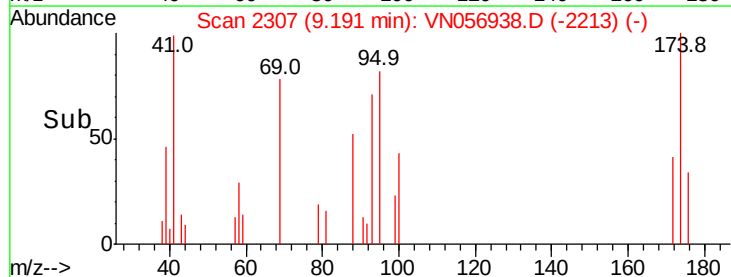
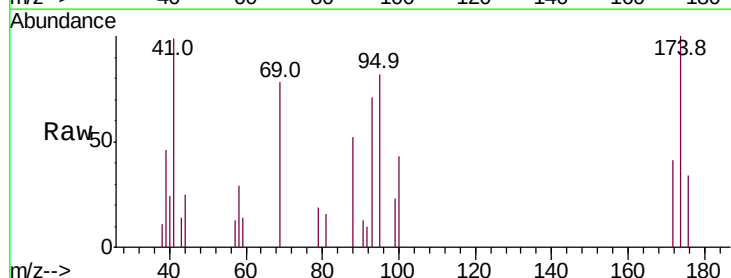
Manual Integrations  
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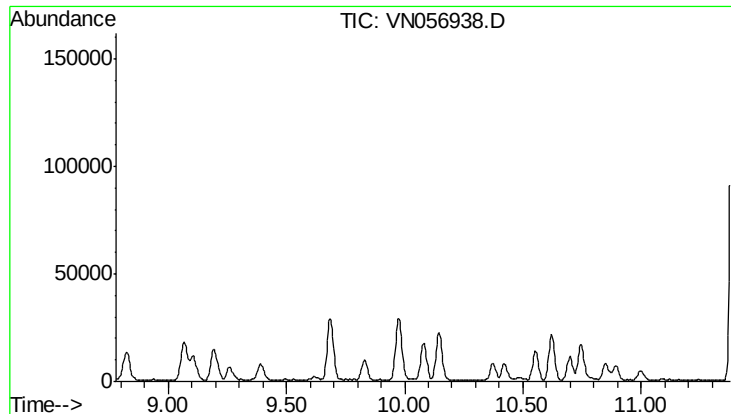
MMDadoda  
8/2/2019 9:12:59 AM



#49  
1,4-Dioxane  
Concen: 18.904 ug/l  
RT: 9.19 min Scan# 2307  
Delta R.T. 0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 28.7  | 22.2  | 33.2  |
| 58      | 70.3  | 54.1  | 81.1  |





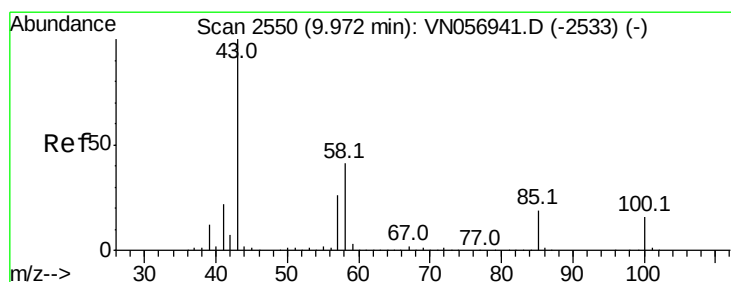
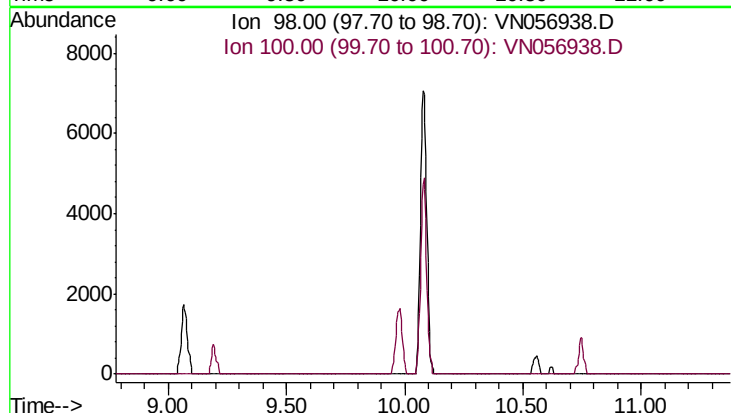
#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 10.08 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tot Ion: 98  
Sig Exp Ratio  
98 100  
100 64.1

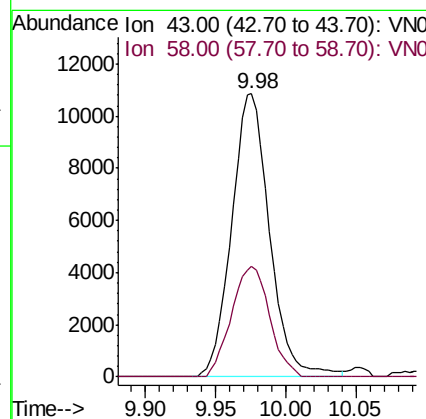
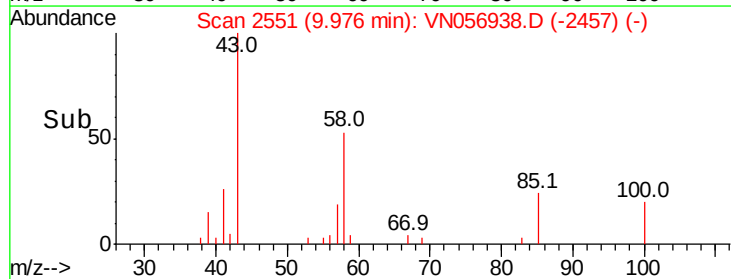
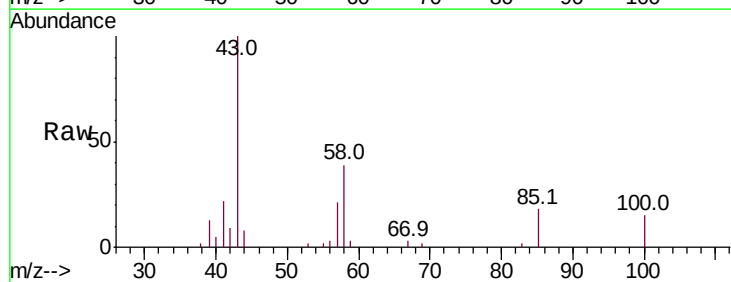
Manual Integrations  
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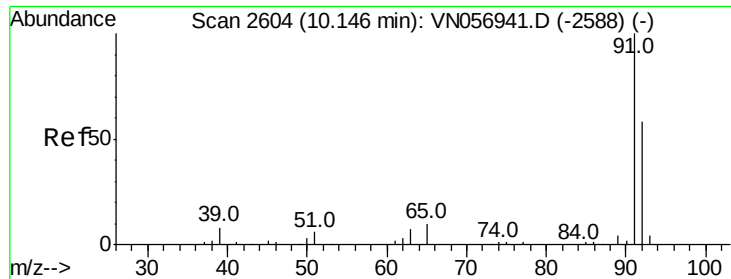
MMDadoda  
8/2/2019 9:12:59 AM



#51  
4-Methyl-2-Pentanone  
Concen: 3.903 ug/l  
RT: 9.98 min Scan# 2551  
Delta R.T. 0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Tgt Ion: 43 Resp: 20433  
Ion Ratio Lower Upper  
43 100  
58 39.2 33.1 49.7





#52

Toluene

Concen: 0.817 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 9958

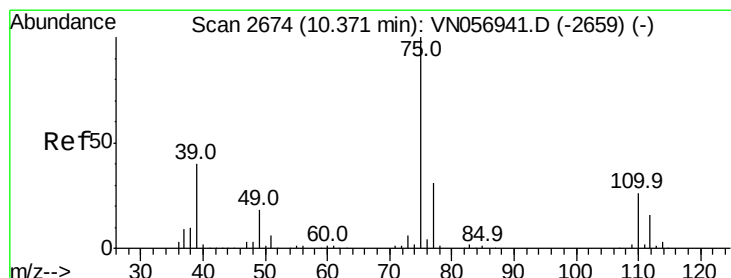
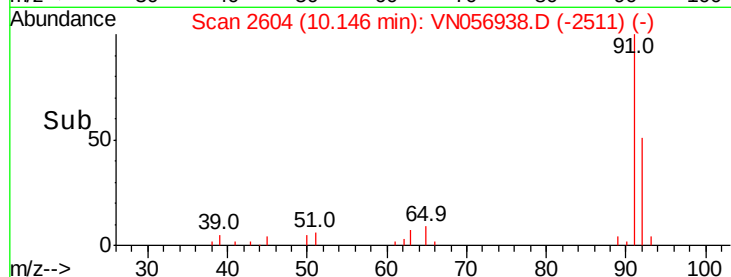
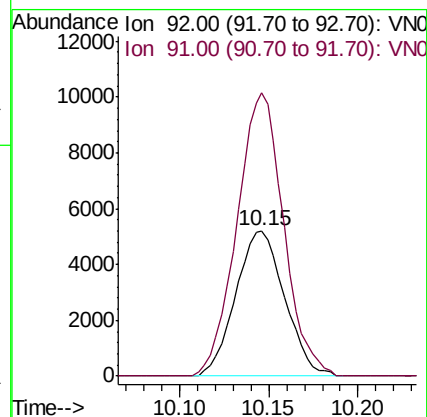
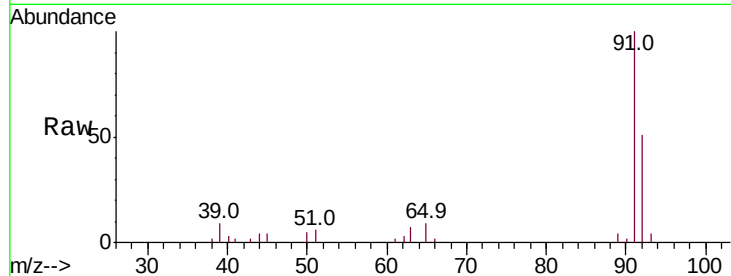
Ion Ratio Lower Upper

92 100

91 186.3 138.0 207.0

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8/2/2019 9:12:59 AM



#53

t-1,3-Dichloropropene

Concen: 0.803 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN056938.D

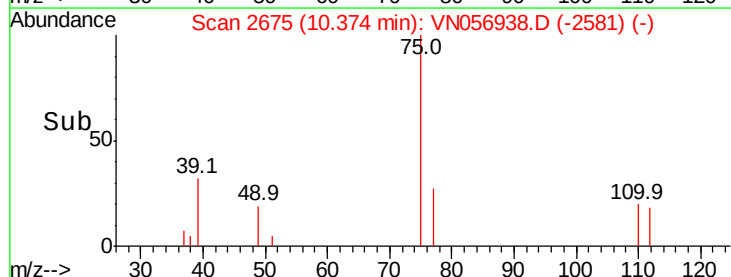
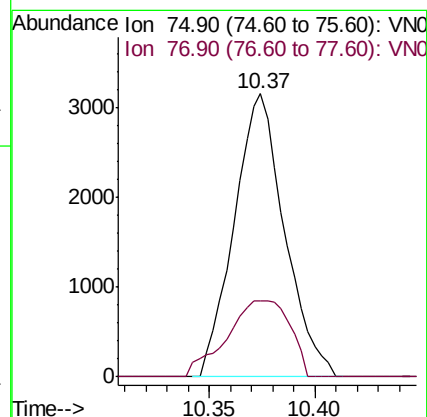
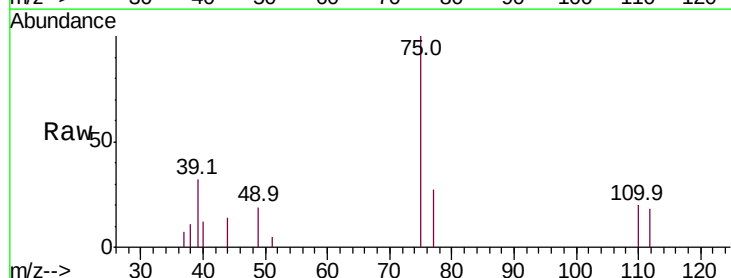
Acq: 26 Jul 2019 8:51

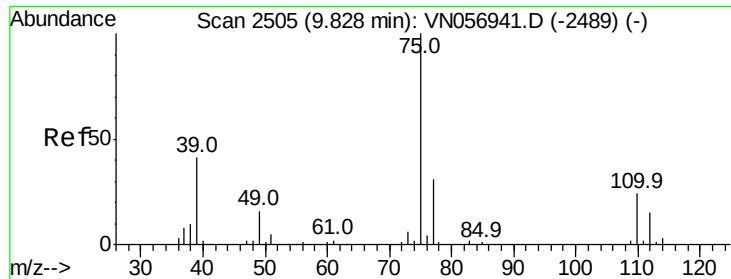
Tgt Ion: 75 Resp: 5234

Ion Ratio Lower Upper

75 100

77 27.0 25.1 37.7





#54

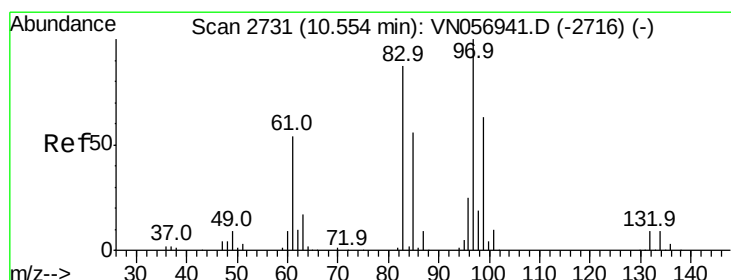
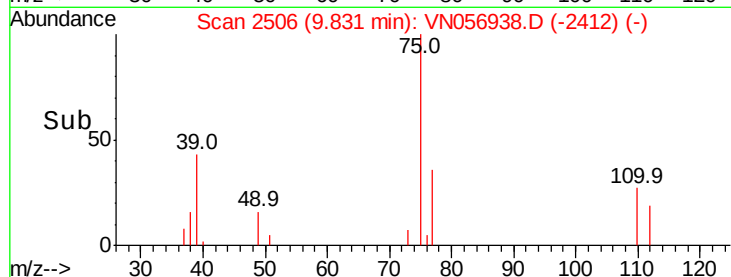
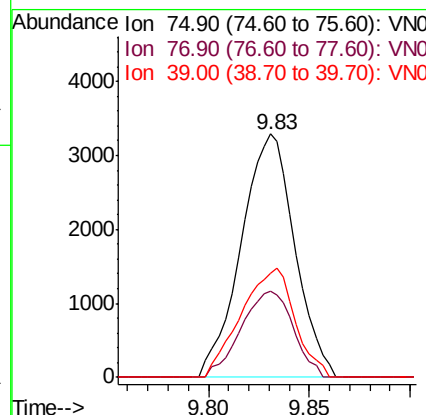
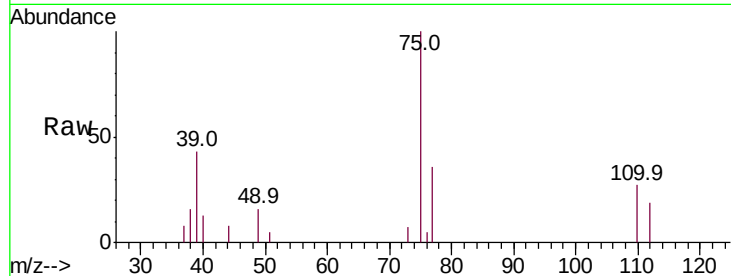
cis-1,3-Dichloropropene  
 Concen: 0.797 ug/l  
 RT: 9.83 min Scan# 2506  
 Delta R.T. 0.00 min  
 Lab File: VN056938.D  
 Acq: 26 Jul 2019 8:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 35.5  | 25.0  | 37.6  |
| 39      | 43.0  | 32.6  | 49.0  |

Manual Integrations  
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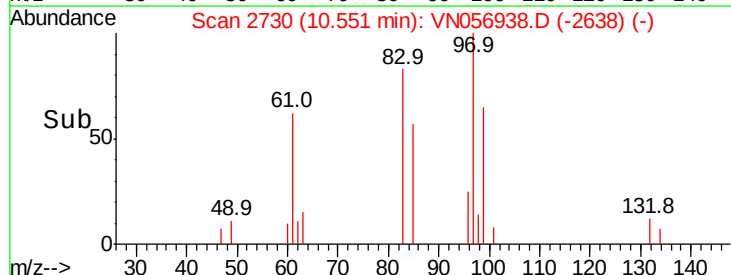
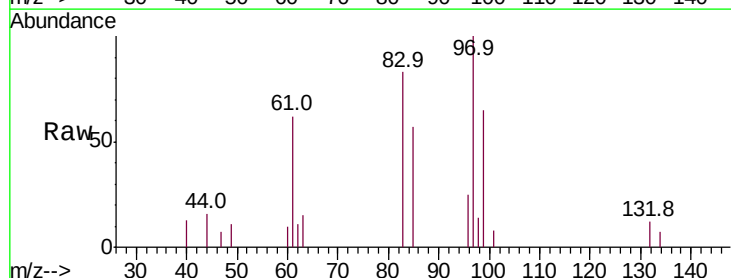
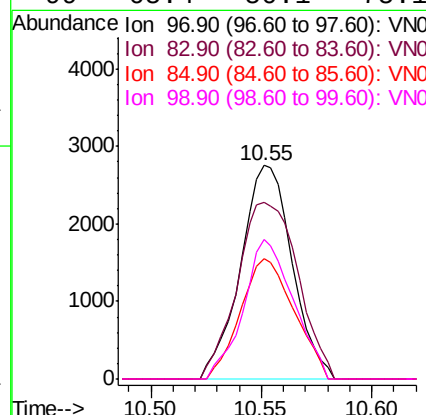
MMDadoda  
 8/2/2019 9:12:59 AM

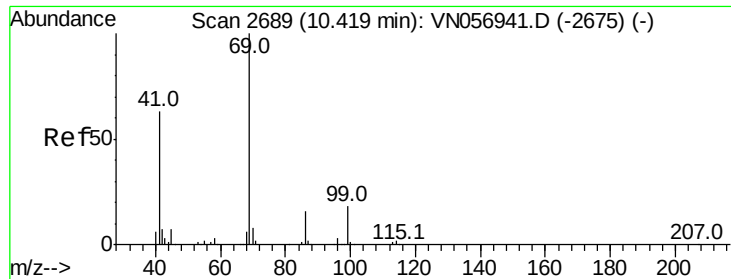


#55

1,1,2-Trichloroethane  
 Concen: 0.913 ug/l  
 RT: 10.55 min Scan# 2730  
 Delta R.T. -0.00 min  
 Lab File: VN056938.D  
 Acq: 26 Jul 2019 8:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 82.6  | 69.4  | 104.0 |
| 85      | 56.6  | 44.7  | 67.1  |
| 99      | 65.4  | 50.1  | 75.1  |





#56

Ethyl methacrylate

Concen: 0.678 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

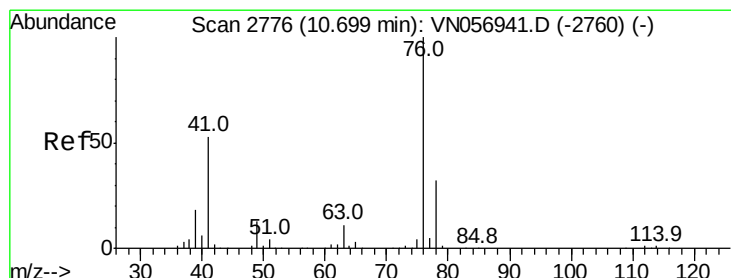
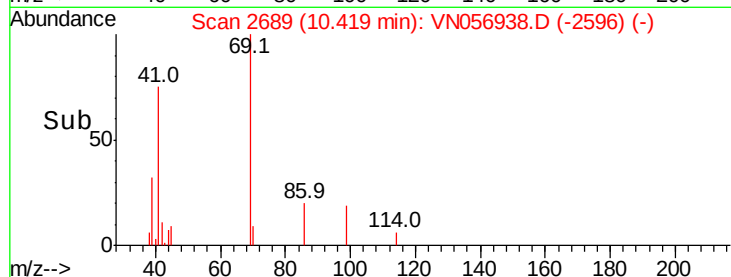
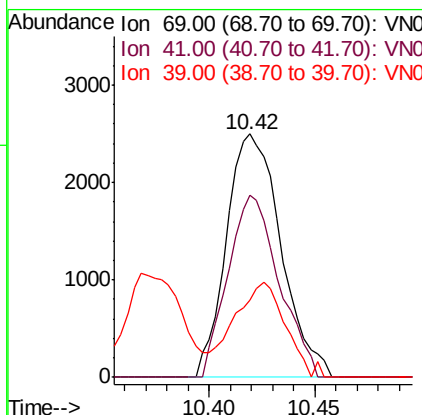
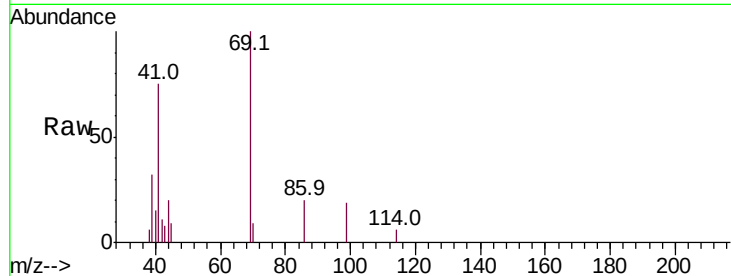
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 69    | Resp: | 4486  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 69.8  | 49.2  | 73.8  |
| 39       | 37.0  | 23.1  | 34.7# |

Manual Integrations  
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#57

1,3-Dichloropropane

Concen: 0.908 ug/l

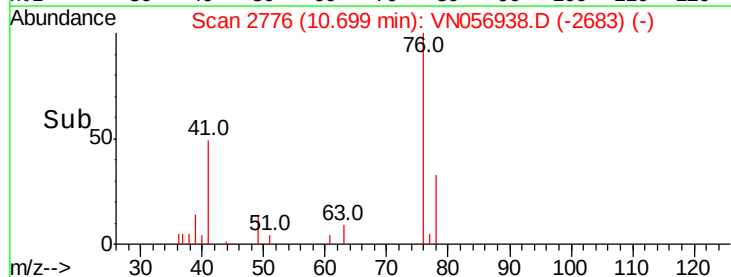
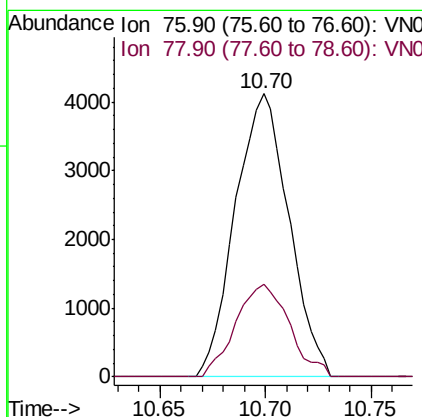
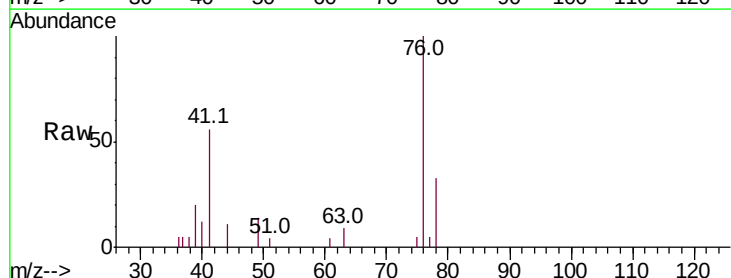
RT: 10.70 min Scan# 2776

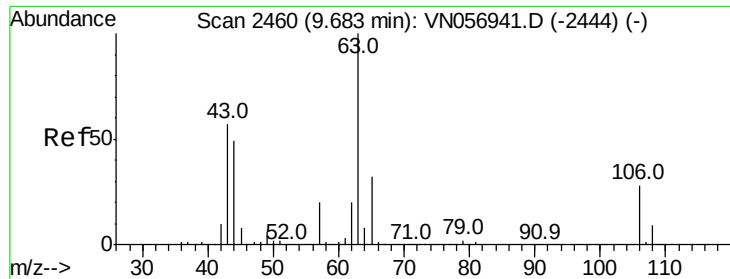
Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 7274  |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 78       | 32.7  | 25.9  | 38.9  |





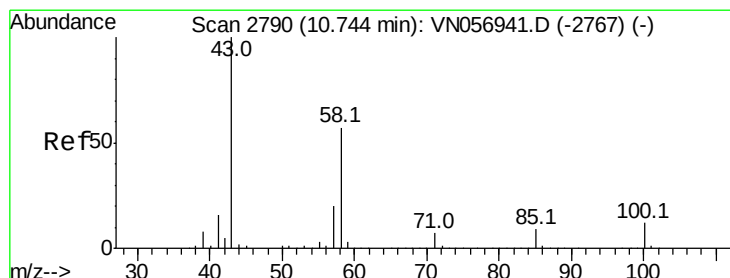
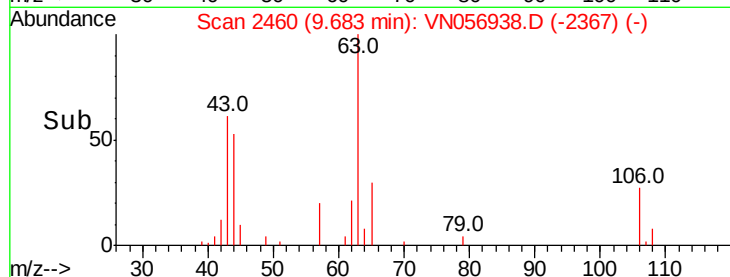
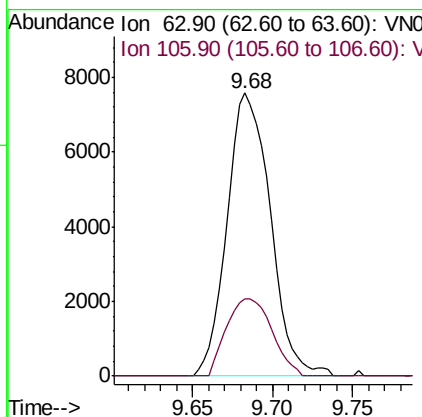
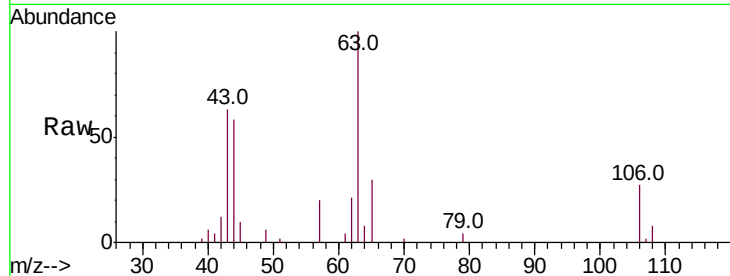
#58  
2-Chloroethyl Vinyl ether  
Concen: 5.333 ug/l  
RT: 9.68 min Scan# 2460  
Delta R.T. -0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tot Ion: 63 Resp: 14016  
Ion Ratio Lower Upper  
63 100  
106 28.7 22.0 33.0

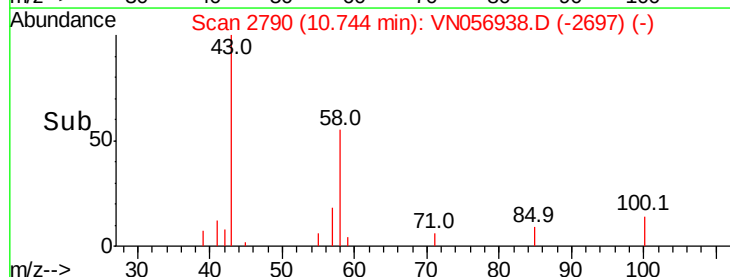
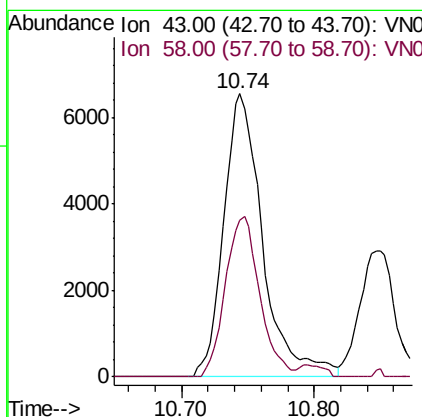
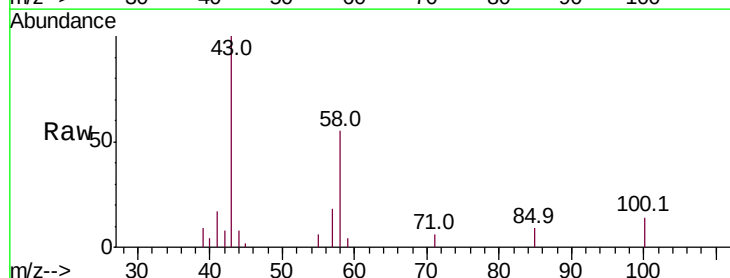
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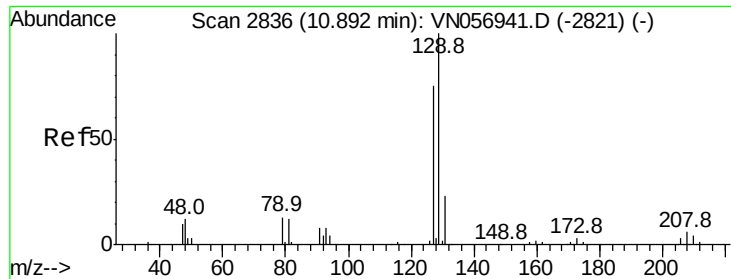
MMDadoda  
8/2/2019 9:12:59 AM



#59  
2-Hexanone  
Concen: 3.716 ug/l  
RT: 10.74 min Scan# 2790  
Delta R.T. -0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Tgt Ion: 43 Resp: 13367  
Ion Ratio Lower Upper  
43 100  
58 50.1 28.5 85.5





#60

Dibromochloromethane

Concen: 0.780 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001

Tot Ion:129 Resp: 3906

Ion Ratio Lower Upper

129 100

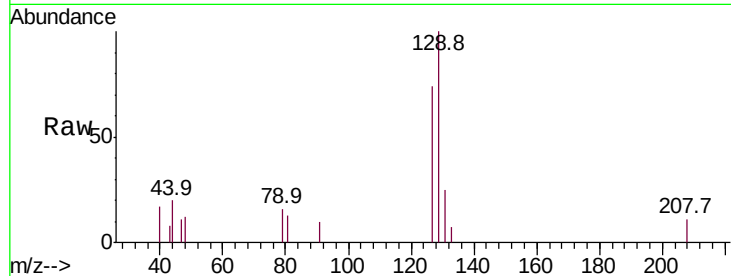
127 76.2 38.0 113.9

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.89

2500

2000

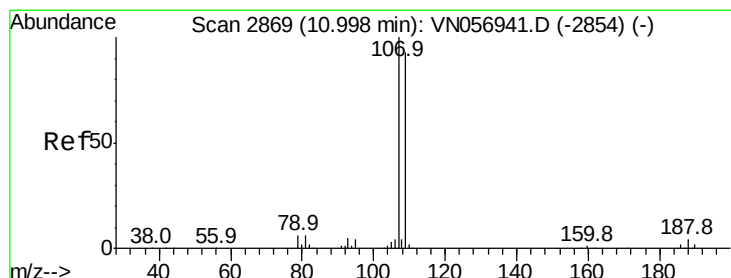
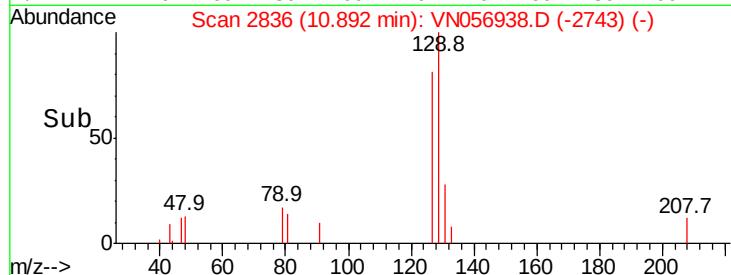
1500

1000

500

0

Time-->



#61

1,2-Dibromoethane

Concen: 0.754 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VN056938.D

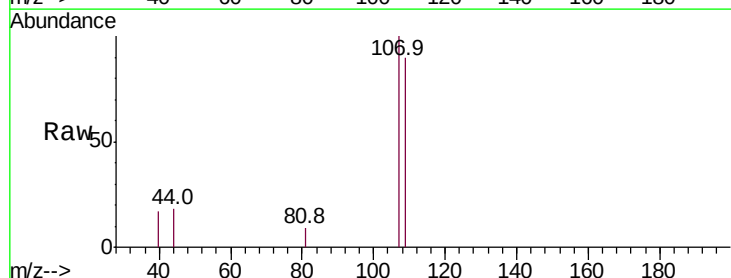
Acq: 26 Jul 2019 8:51

Tgt Ion:107 Resp: 3660

Ion Ratio Lower Upper

107 100

109 106.1 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

2500

2000

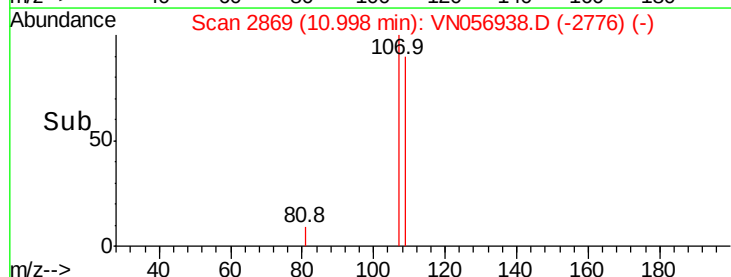
1500

1000

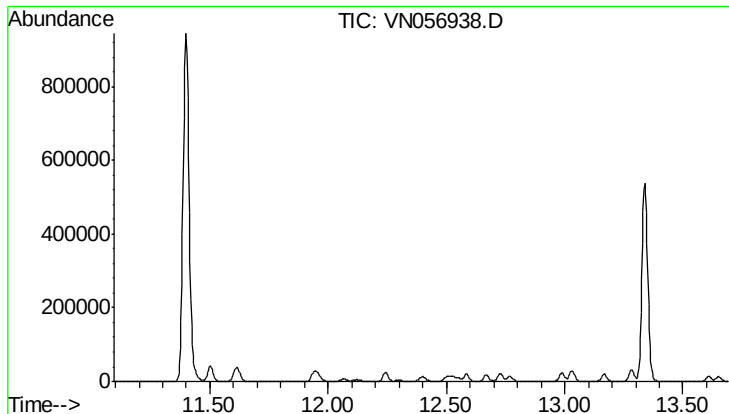
500

0

Time-->







#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.39 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Tot Ion: 95

Sig Exp Ratio

95 100

174 91.1

176 89.7

Instrument :

MSVOA\_N

ClientSampleId :

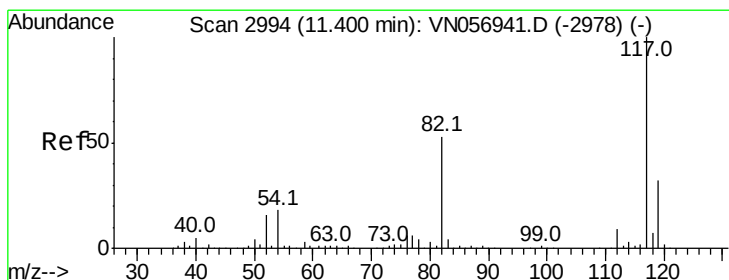
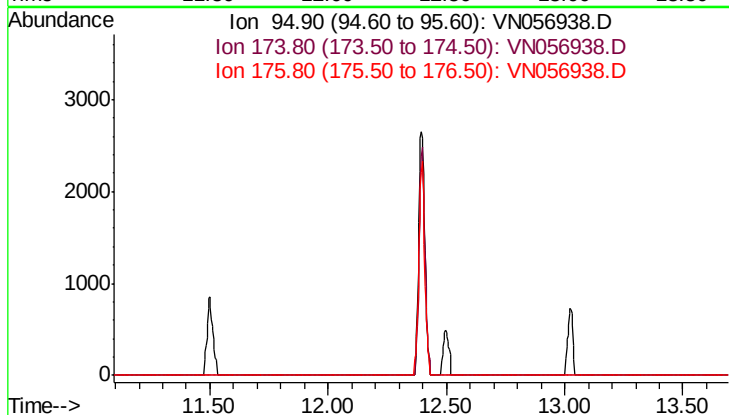
VSTDIC001

Manual Integrations

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

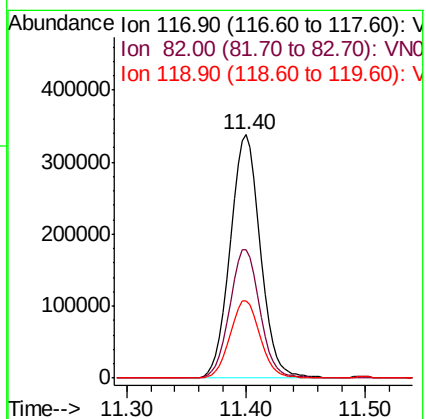
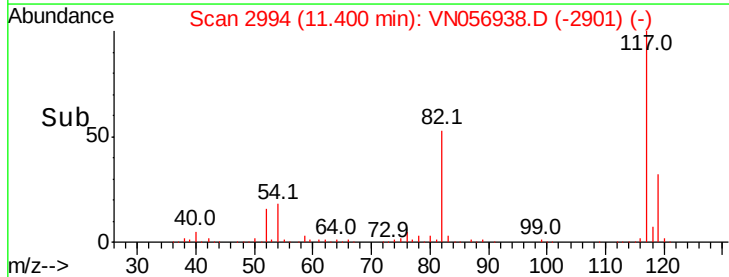
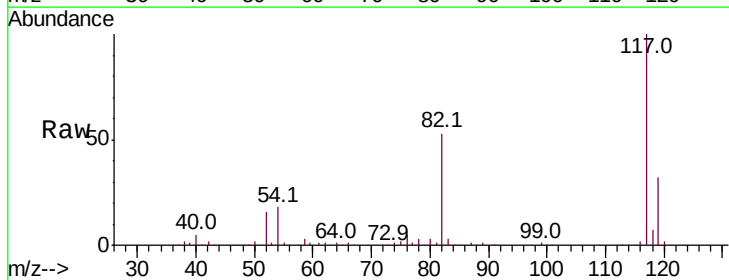
Tgt Ion:117 Resp: 593377

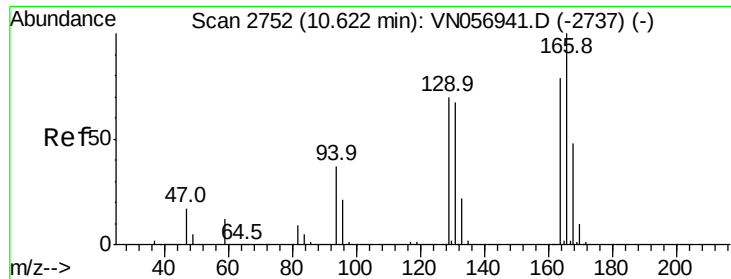
Ion Ratio Lower Upper

117 100

82 52.9 42.2 63.4

119 31.9 25.8 38.6





#64

Tetrachloroethene

Concen: 1.097 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 5813

Ion Ratio Lower Upper

164 100

166 129.0 101.1 151.7

129 83.5 70.9 106.3

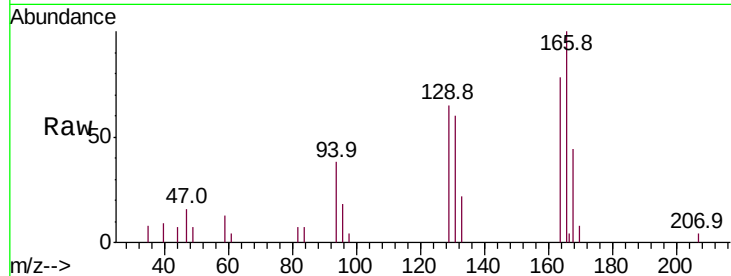
131 77.0 67.7 101.5

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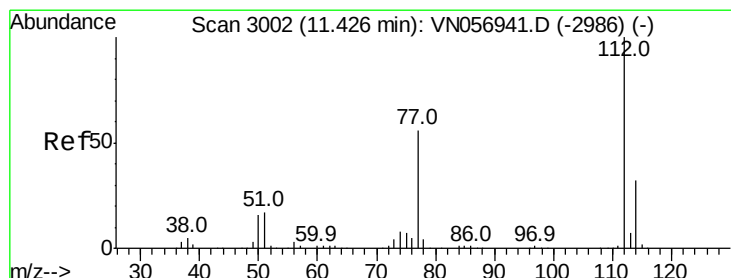
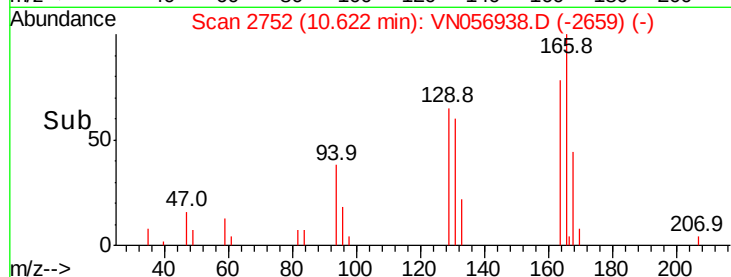
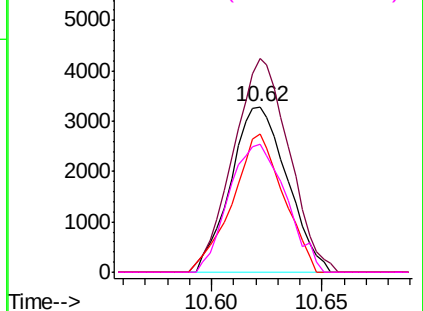


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.975 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. -0.00 min

Lab File: VN056938.D

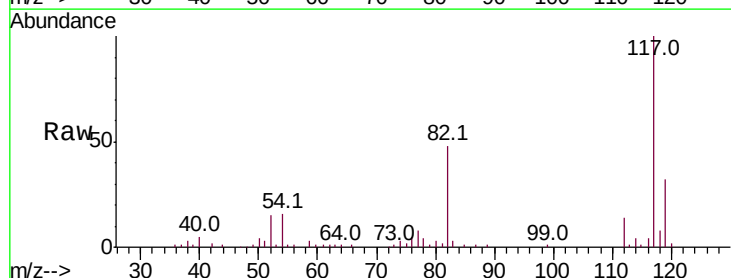
Acq: 26 Jul 2019 8:51

Tgt Ion:112 Resp: 11930

Ion Ratio Lower Upper

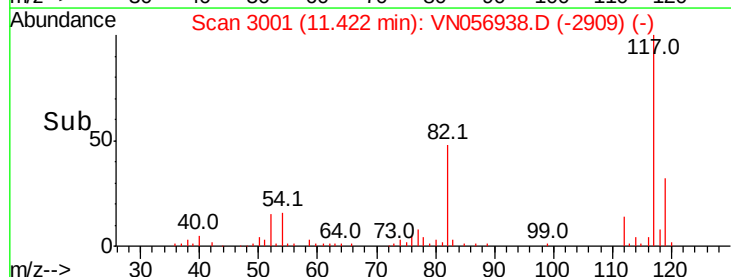
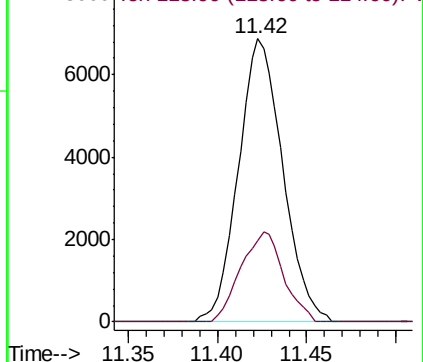
112 100

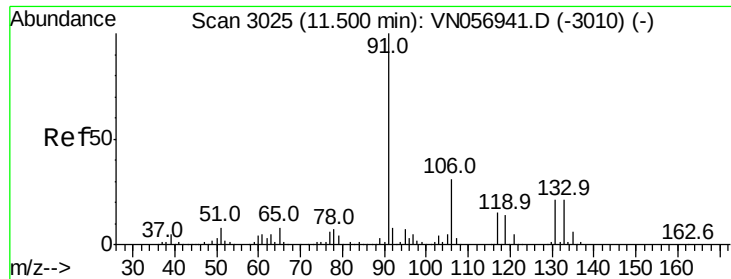
114 28.7 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 1.014 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

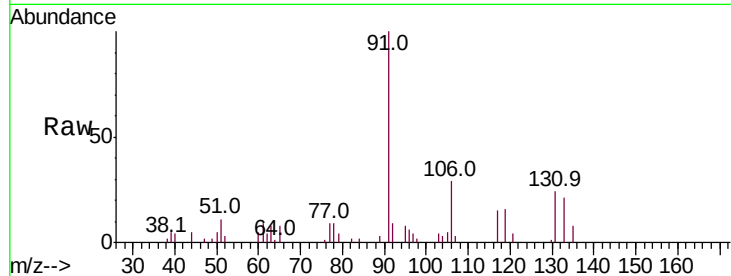
ClientSampleId :

VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 84.7  | 48.0  | 144.0 |
| 119     | 0.0   | 33.2  | 99.6# |

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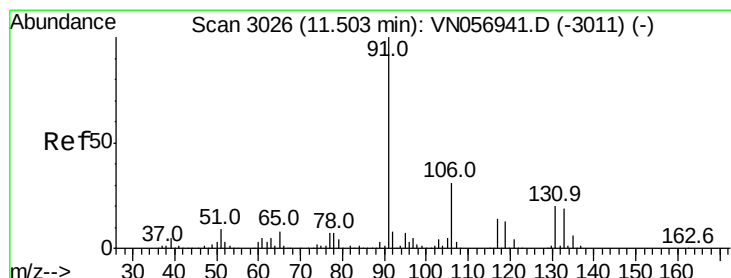
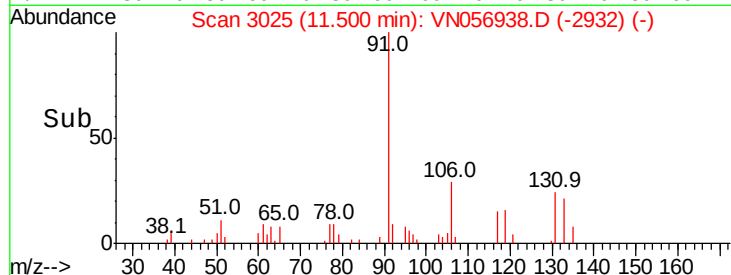
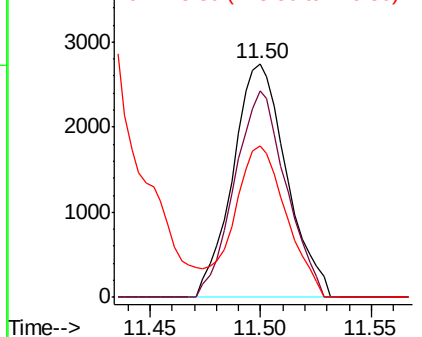


Abundance

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



#67

Ethyl Benzene

Concen: 0.923 ug/l

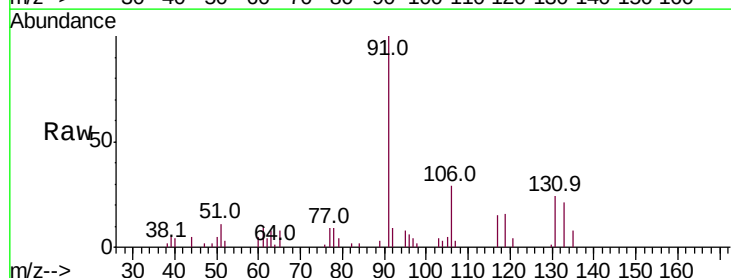
RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

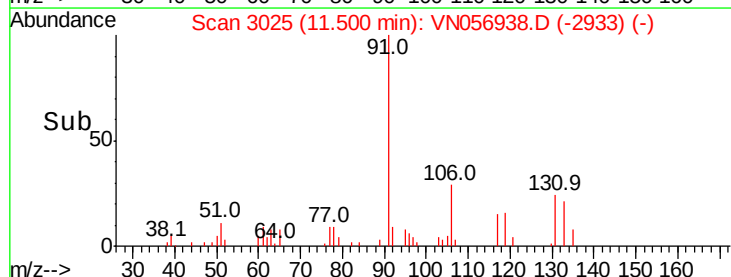
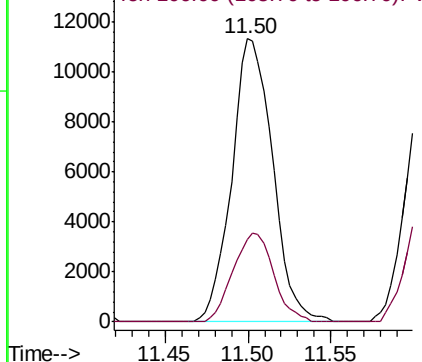
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 29.2  | 25.1  | 37.7  |

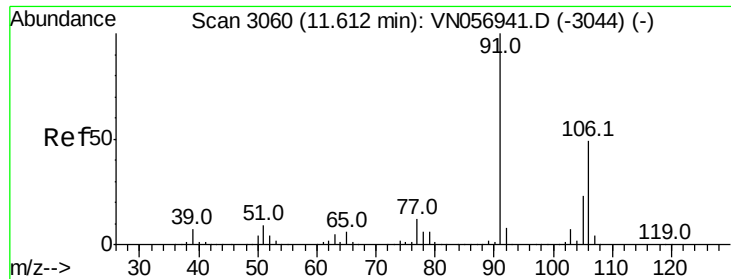


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 1.714 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001

Tot Ion:106 Resp: 13452

Ion Ratio Lower Upper

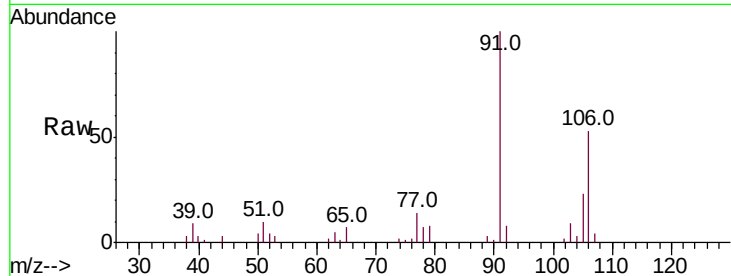
106 100

91 193.5 160.0 240.0

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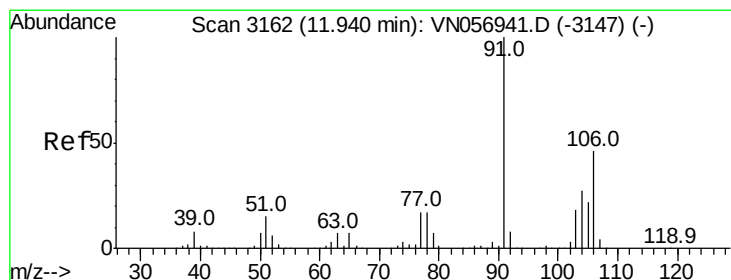
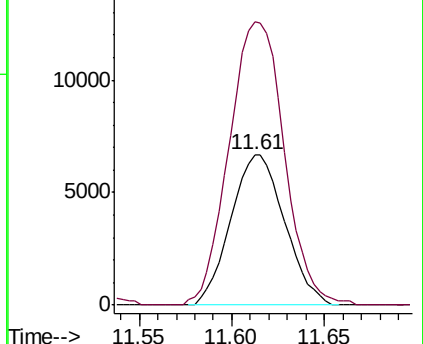
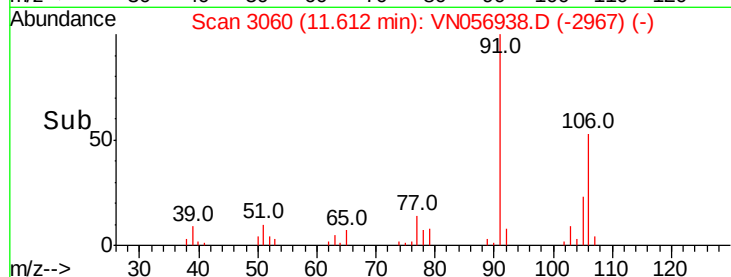
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 0.899 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. -0.00 min

Lab File: VN056938.D

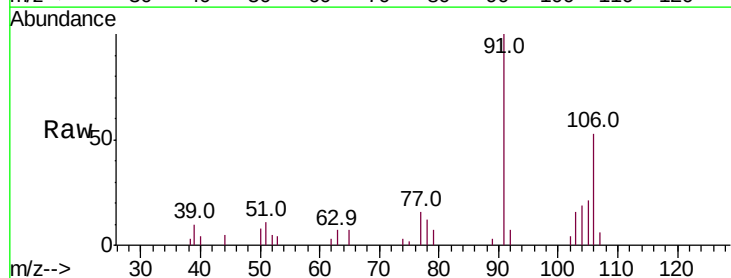
Acq: 26 Jul 2019 8:51

Tgt Ion:106 Resp: 6906

Ion Ratio Lower Upper

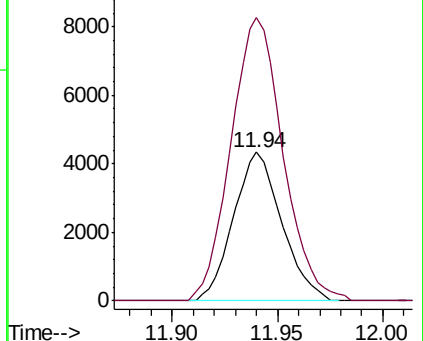
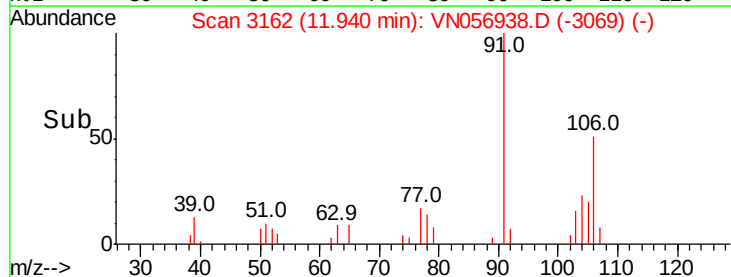
106 100

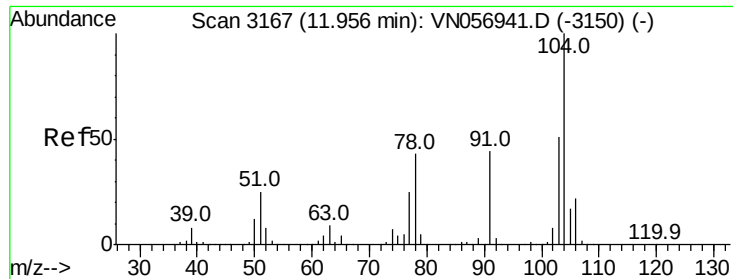
91 205.5 106.2 318.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





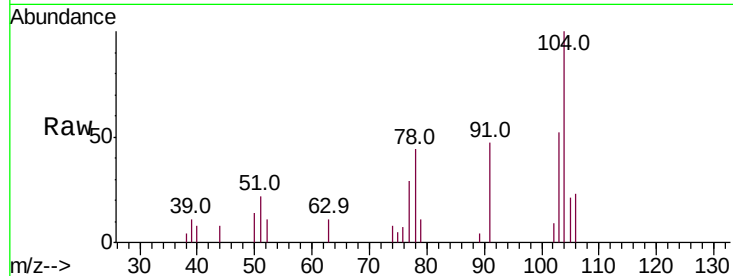
#70  
Stvrene  
Concen: 0.710 ug/l  
RT: 11.96 min Scan# 3168  
Delta R.T. 0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

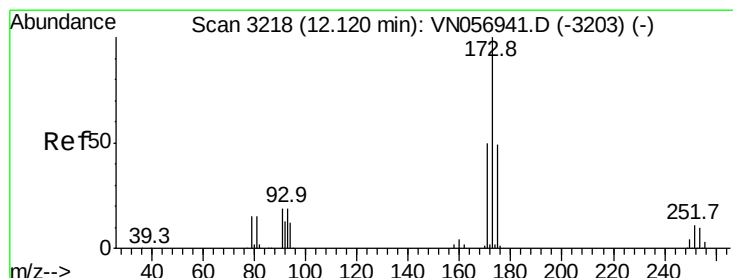
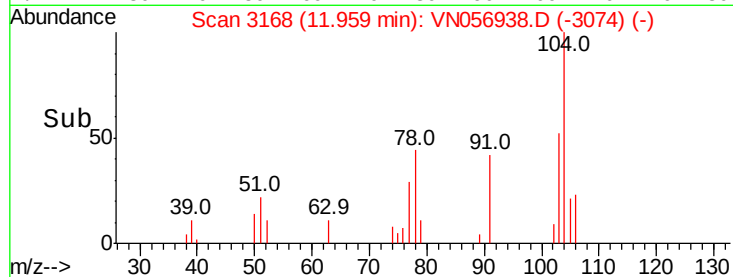
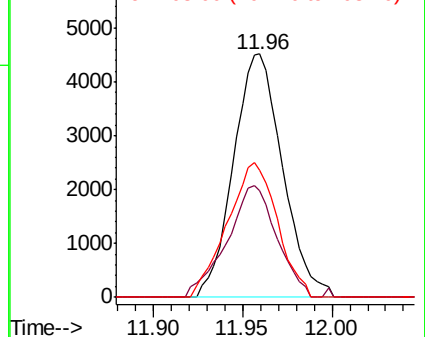
Tot Ion:104 Resp: 8637  
Ion Ratio Lower Upper  
104 100  
78 46.6 38.1 57.1  
103 56.3 44.3 66.5

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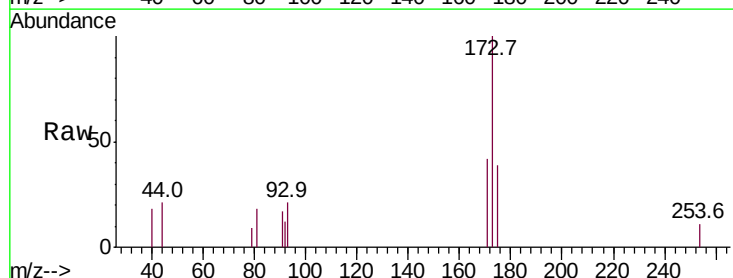


Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): V  
Ion 103.00 (102.70 to 103.70): V

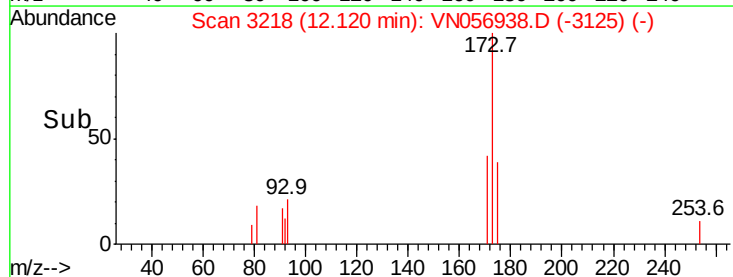
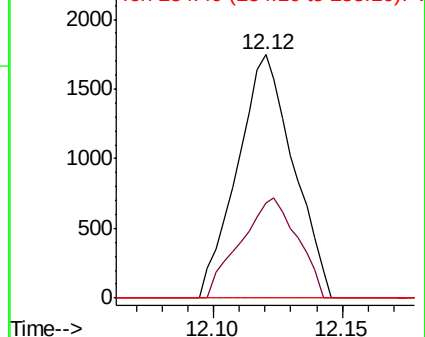


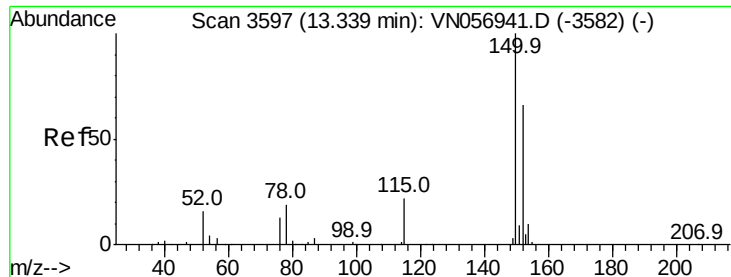
#71  
Bromoform  
Concen: 0.823 ug/l  
RT: 12.12 min Scan# 3218  
Delta R.T. -0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Tgt Ion:173 Resp: 2640  
Ion Ratio Lower Upper  
173 100  
175 41.9 24.1 72.4  
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 159876

Ion Ratio Lower Upper

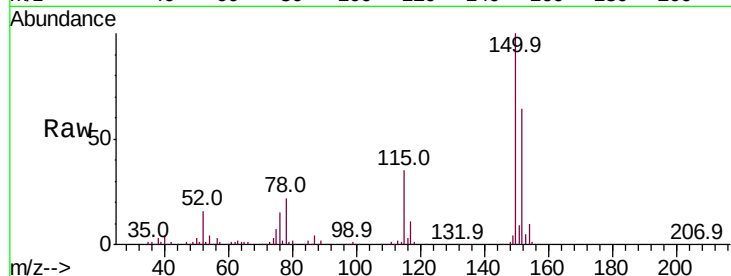
152 100

115 56.2 28.2 84.6

150 157.7 0.0 349.4

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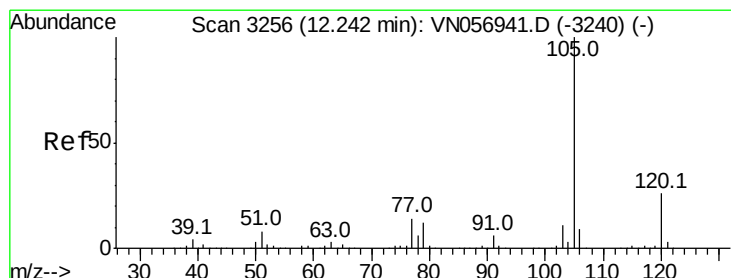
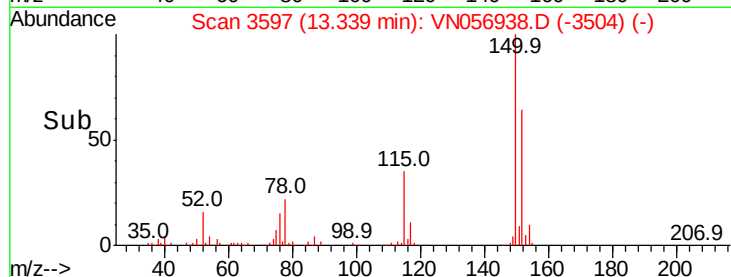
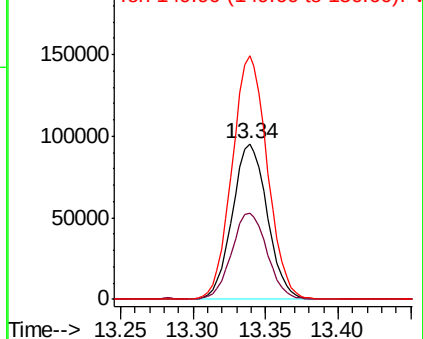


Abundance

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: 1.127 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN056938.D

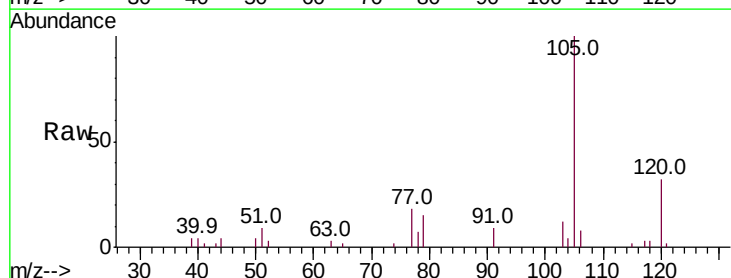
Acq: 26 Jul 2019 8:51

Tgt Ion:105 Resp: 16155

Ion Ratio Lower Upper

105 100

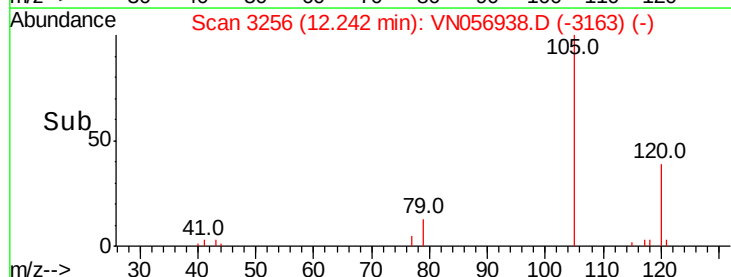
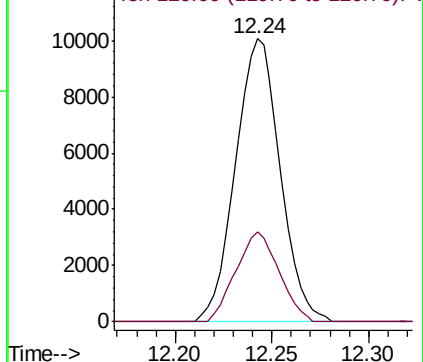
120 30.7 13.5 40.5

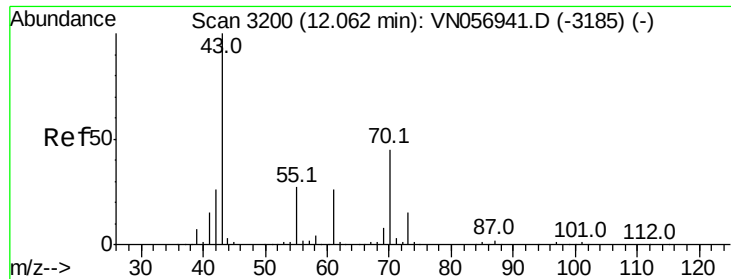


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.000 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

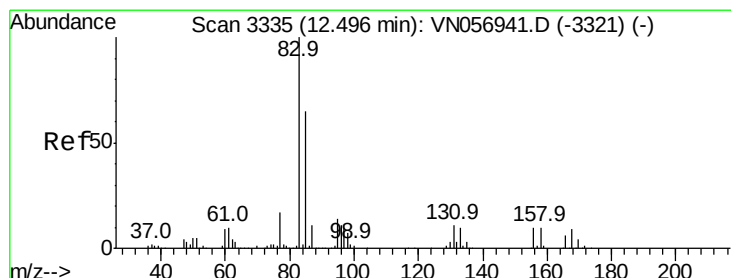
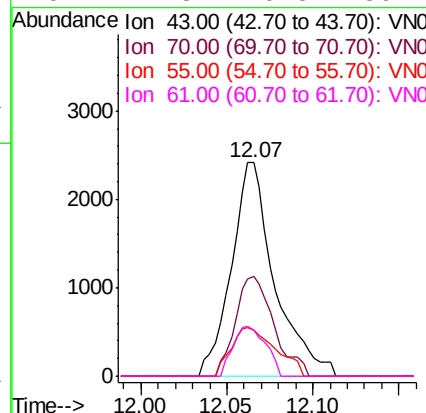
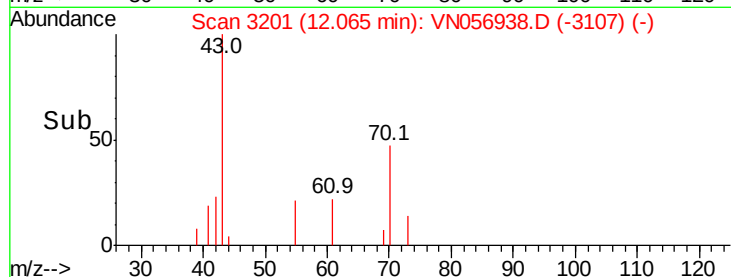
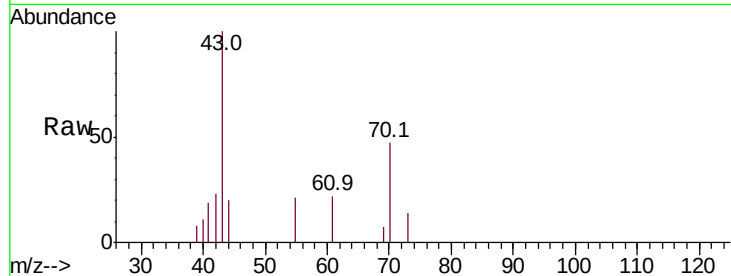
ClientSampled :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 4233  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 41.7  | 36.5  | 54.7  |
| 55       | 23.7  | 21.4  | 32.0  |
| 61       | 17.8  | 20.5  | 30.7# |

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.276 ug/l

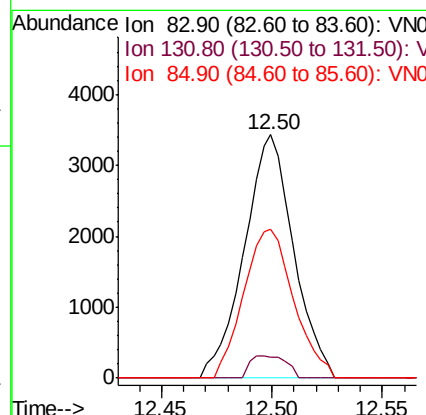
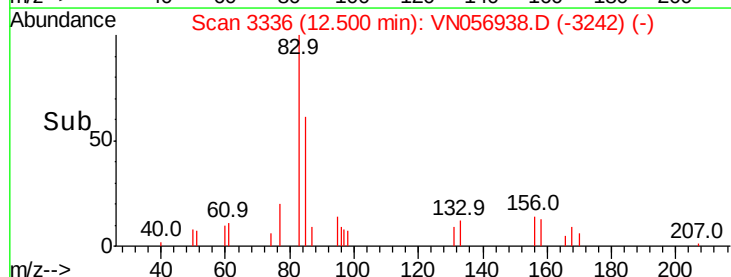
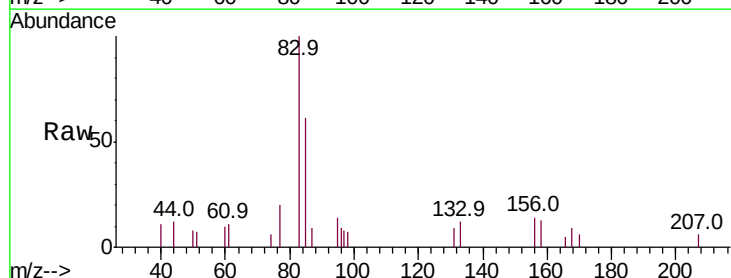
RT: 12.50 min Scan# 3336

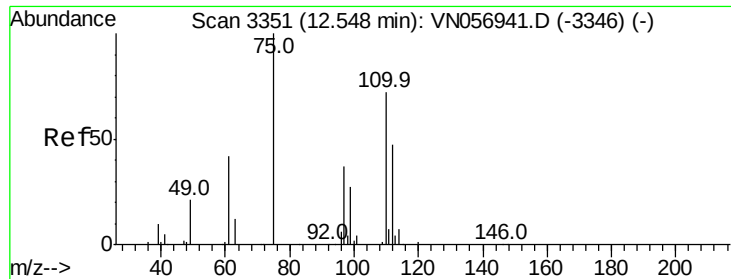
Delta R.T. 0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 5330  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 6.8   | 5.3   | 16.1  |
| 85       | 61.9  | 32.5  | 97.4  |





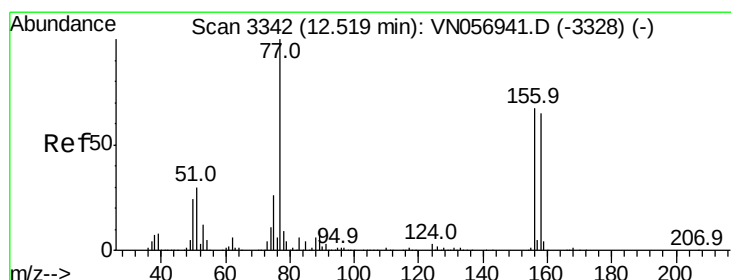
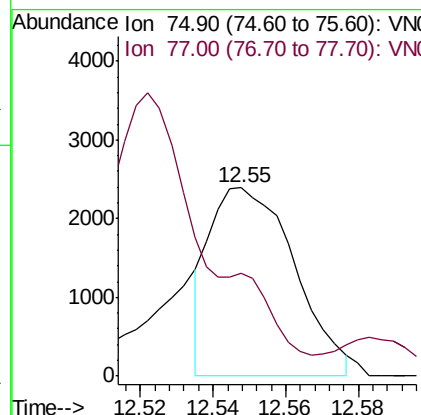
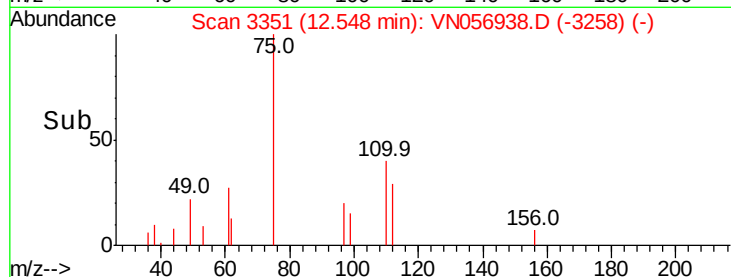
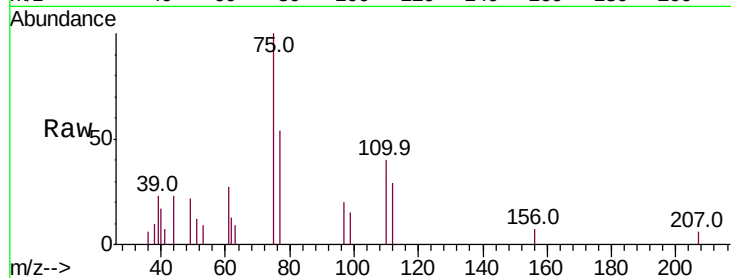
#76  
 1,2,3-Trichloropropane  
 Concen: 1.238 ug/l m  
 RT: 12.55 min Scan# 3351  
 Delta R.T. -0.00 min  
 Lab File: VN056938.D  
 Acq: 26 Jul 2019 8:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tot Ion: 75 Resp: 3874  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

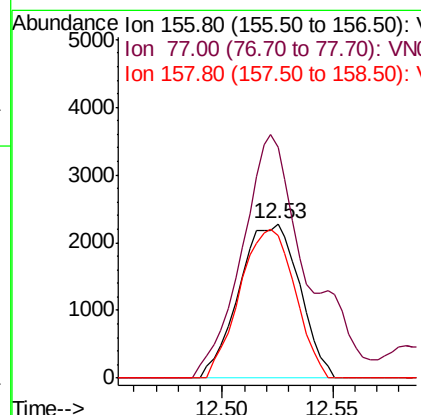
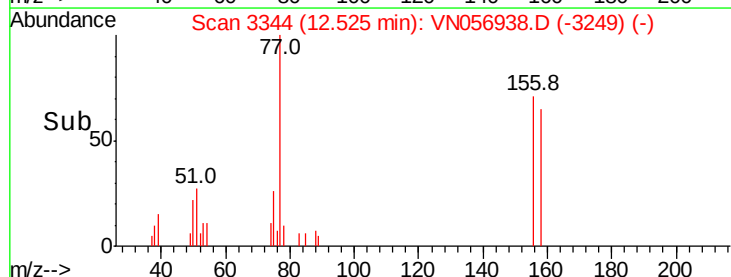
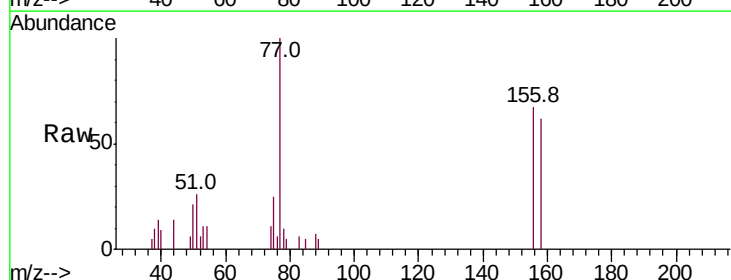
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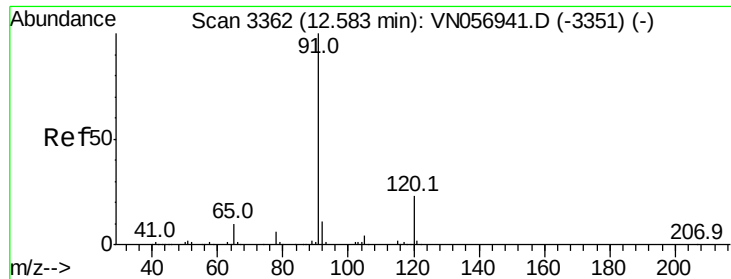


#77  
 Bromobenzene  
 Concen: 1.171 ug/l  
 RT: 12.53 min Scan# 3344  
 Delta R.T. 0.01 min  
 Lab File: VN056938.D  
 Acq: 26 Jul 2019 8:51

Tgt Ion: 156 Resp: 4296  
 Ion Ratio Lower Upper  
 156 100  
 77 171.2 89.5 268.5  
 158 88.4 48.4 145.3







#78

n-propylbenzene

Concen: 1.072 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 16228

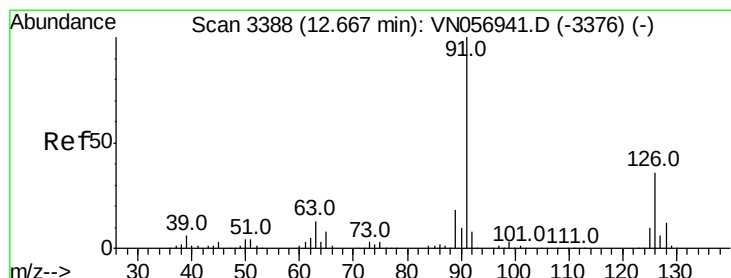
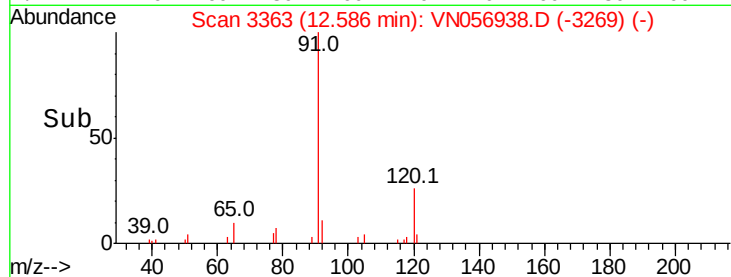
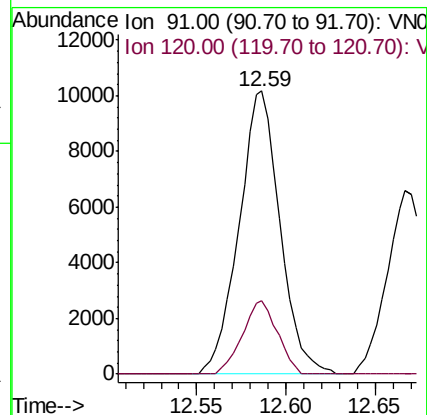
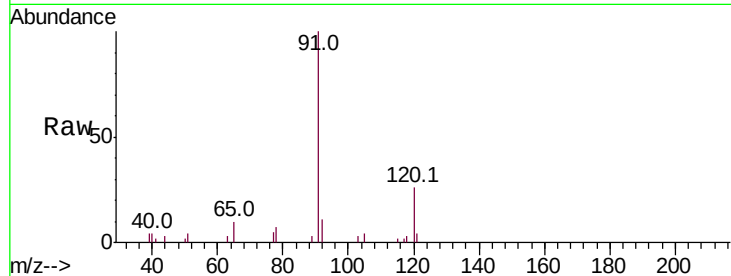
Ion Ratio Lower Upper

91 100

120 22.1 11.8 35.4

Manual Integrations  
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#79

2-Chlorotoluene

Concen: 1.138 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN056938.D

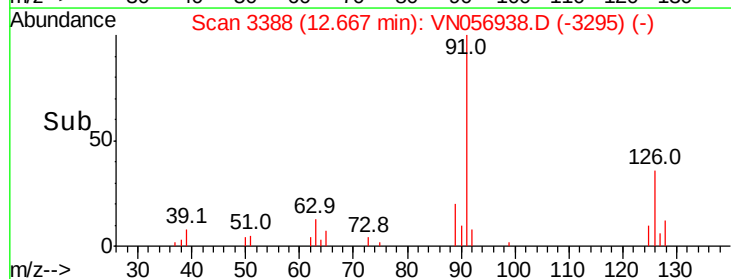
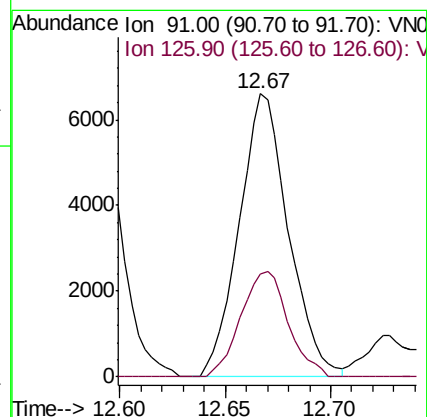
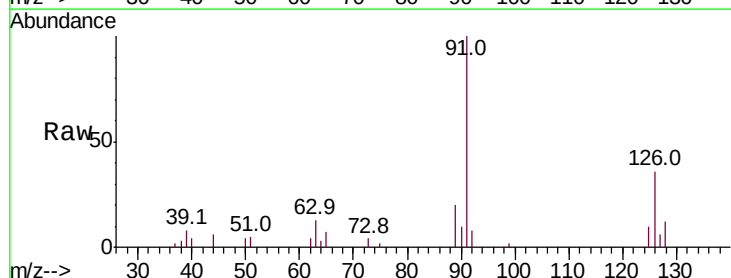
Acq: 26 Jul 2019 8:51

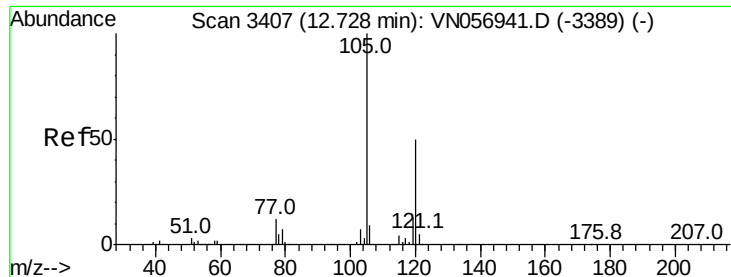
Tgt Ion: 91 Resp: 10726

Ion Ratio Lower Upper

91 100

126 35.8 17.9 53.7





#80

1,3,5-Trimethylbenzene

Concen: 1.047 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 12389

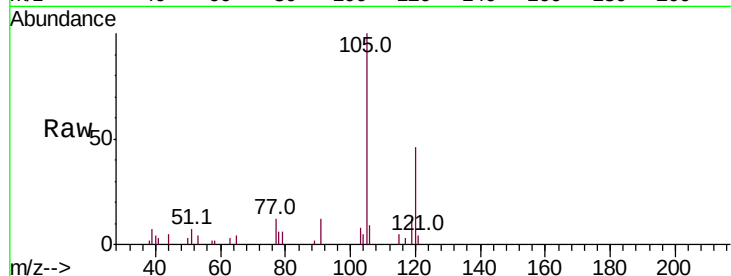
Ion Ratio Lower Upper

105 100

120 47.9 24.8 74.3

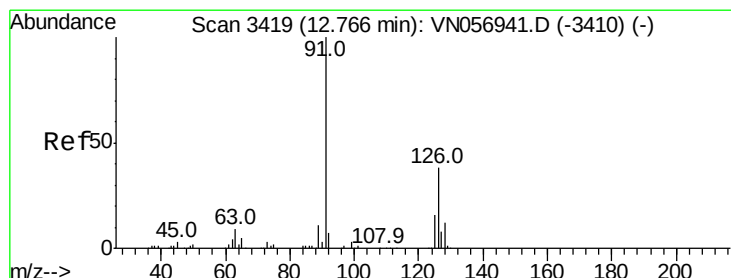
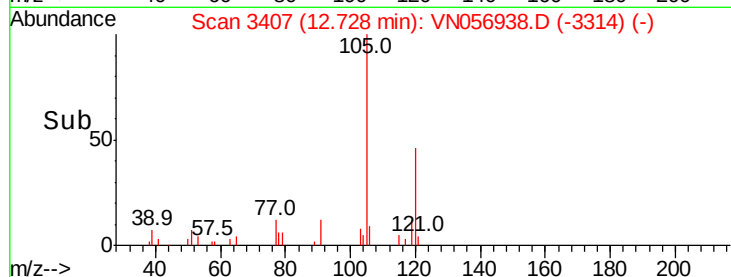
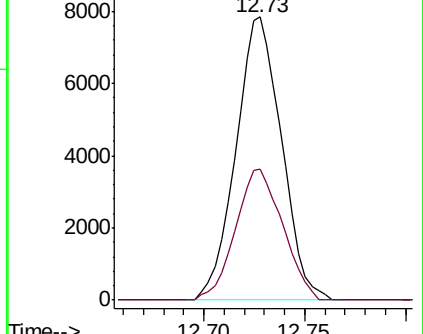
Manual Integrations  
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#82

4-Chlorotoluene

Concen: 0.998 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN056938.D

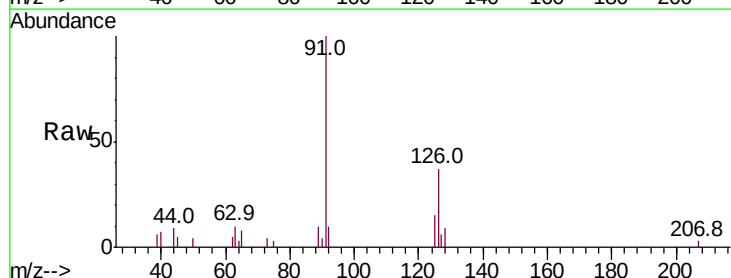
Acq: 26 Jul 2019 8:51

Tgt Ion: 91 Resp: 8637

Ion Ratio Lower Upper

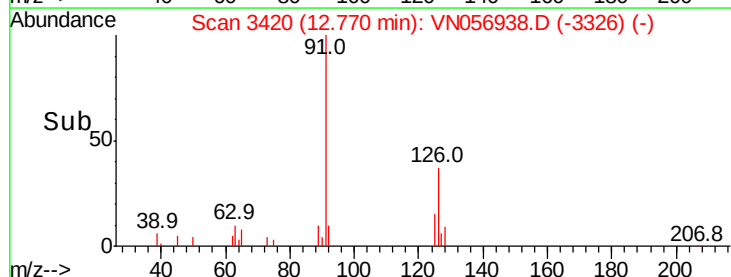
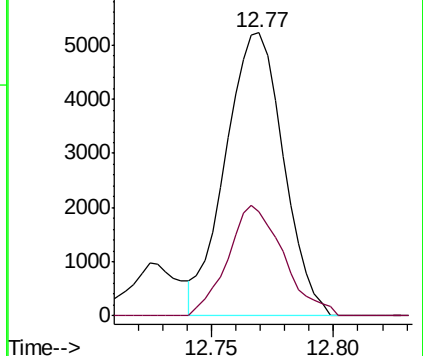
91 100

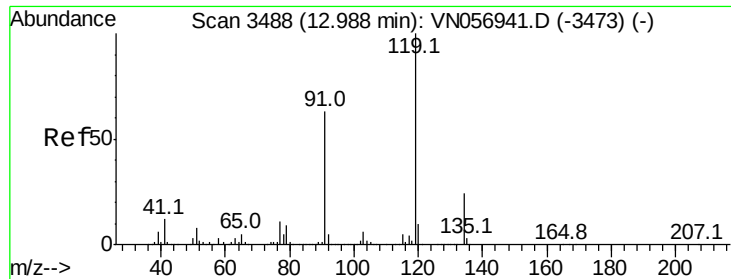
126 37.4 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V





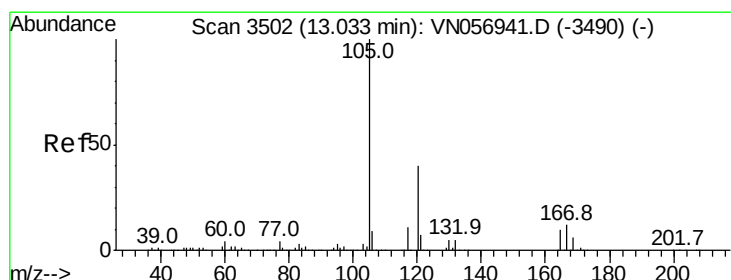
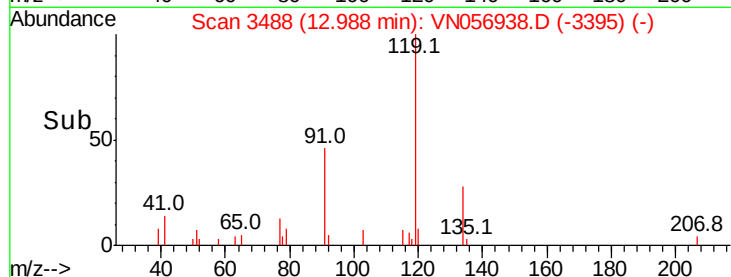
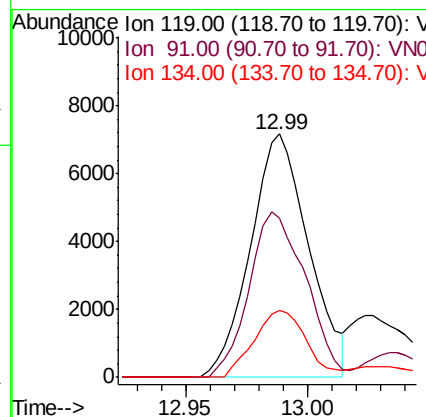
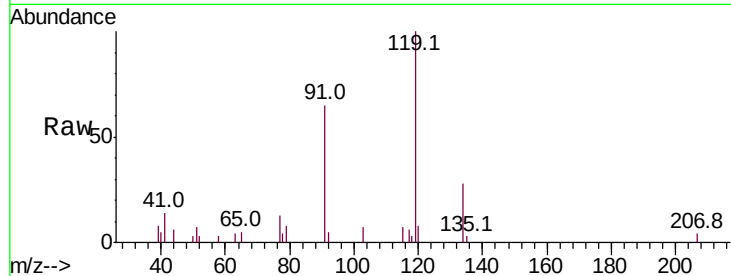
#83  
tert-Butylbenzene  
Concen: 1.137 ug/l  
RT: 12.99 min Scan# 3488  
Delta R.T. -0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 119     | 100   | 11866 |       |       |
| 91      | 66.0  |       | 31.3  | 93.8  |
| 134     | 24.6  |       | 13.3  | 39.8  |

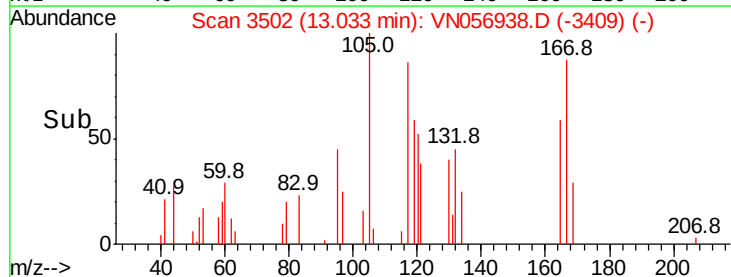
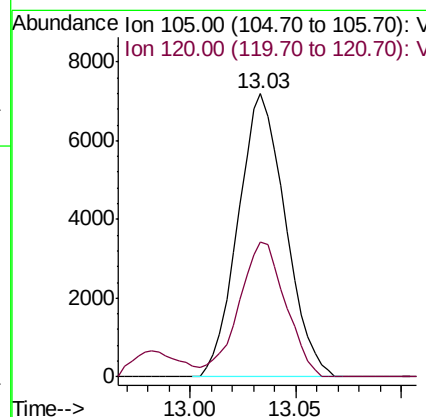
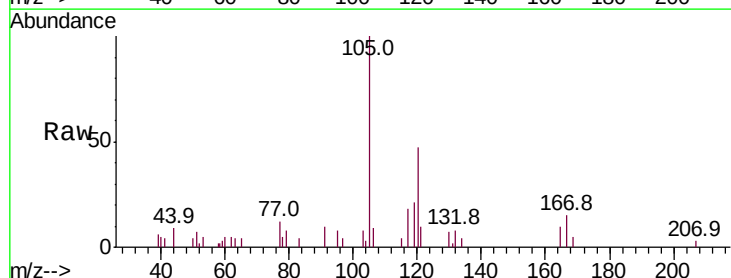
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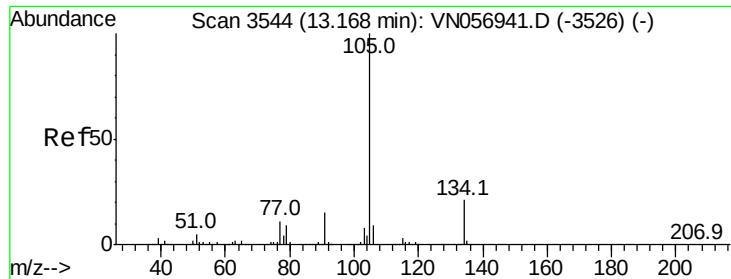
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#84  
1,2,4-Trimethylbenzene  
Concen: 1.000 ug/l  
RT: 13.03 min Scan# 3502  
Delta R.T. -0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 11187 |       |       |
| 120     | 47.2  |       | 23.2  | 69.6  |





#85

sec-Butylbenzene

Concen: 1.064 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 14028

Ion Ratio Lower Upper

105 100

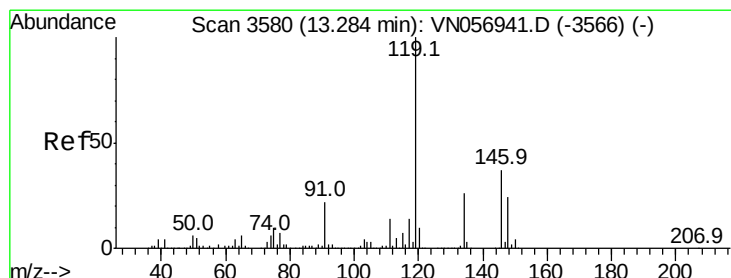
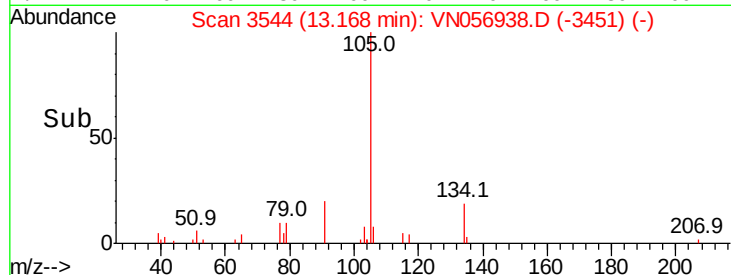
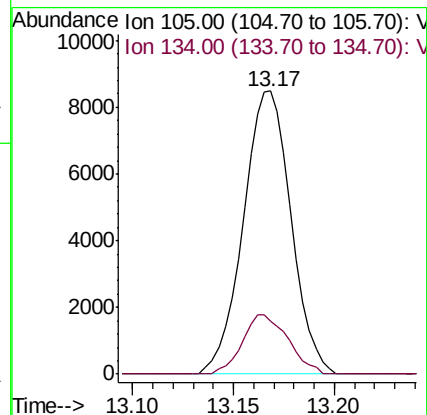
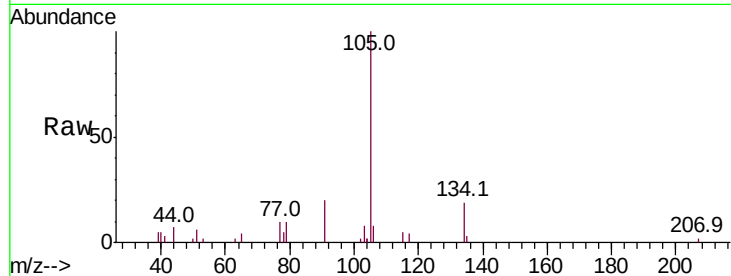
134 20.2 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 1.015 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

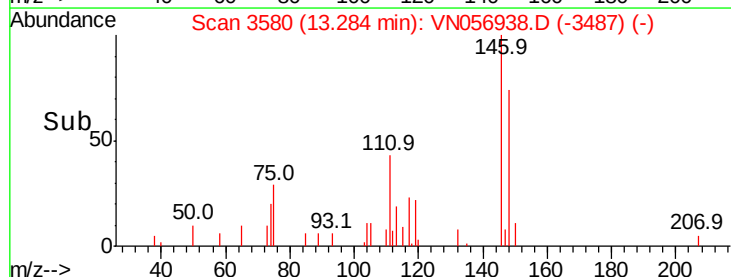
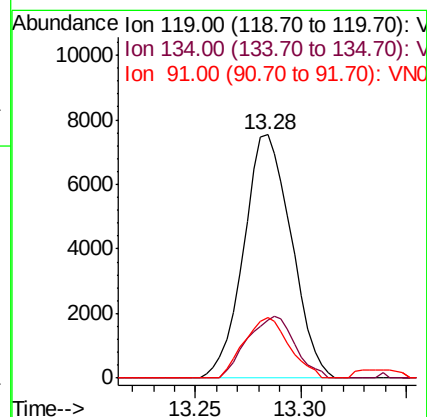
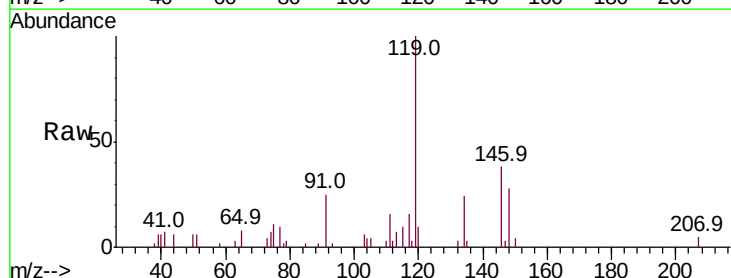
Tgt Ion:119 Resp: 11838

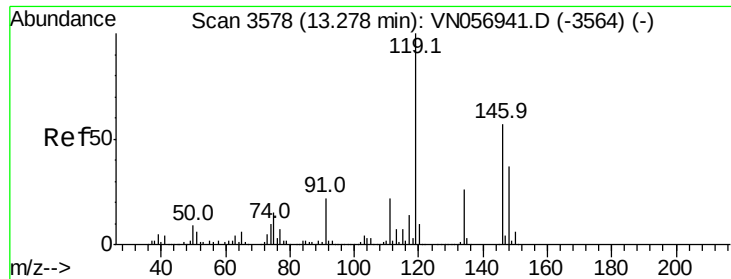
Ion Ratio Lower Upper

119 100

134 25.2 13.4 40.1

91 23.4 11.0 33.0





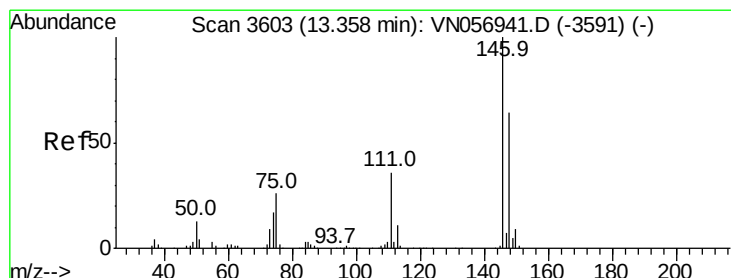
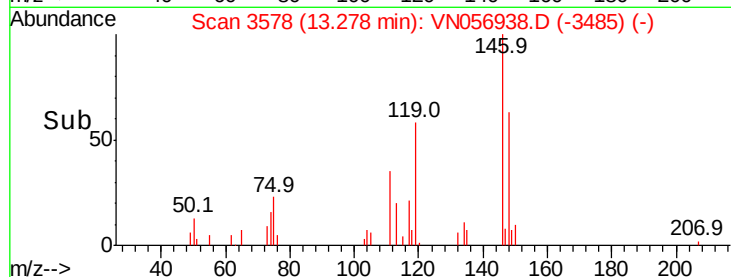
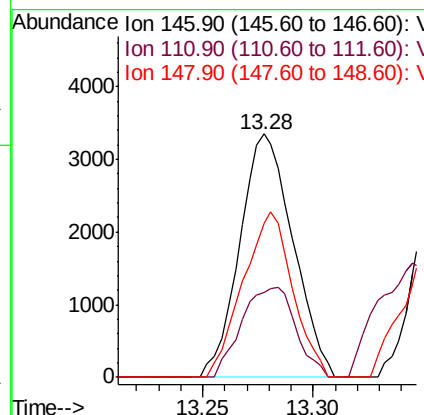
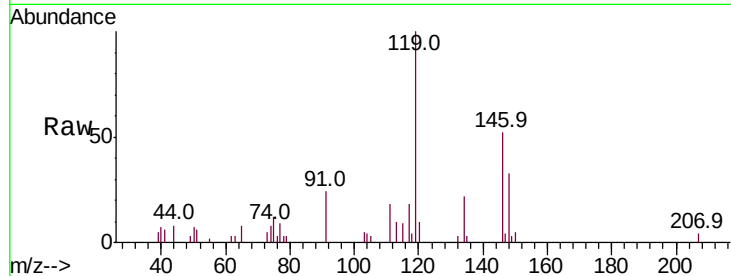
#87  
 1,3-Dichlorobenzene  
 Concen: 1.024 ug/l  
 RT: 13.28 min Scan# 3578  
 Delta R.T. -0.00 min  
 Lab File: VN056938.D  
 Acq: 26 Jul 2019 8:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.5  | 18.6  | 55.8  |
| 148     | 63.5  | 32.2  | 96.6  |

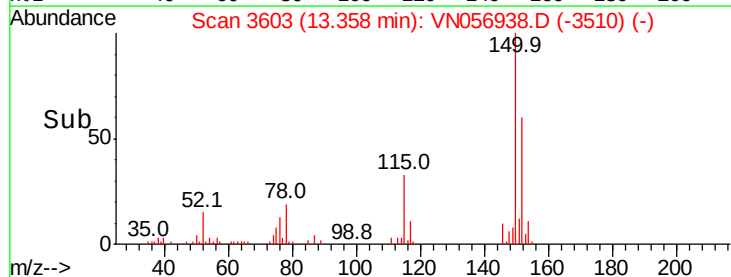
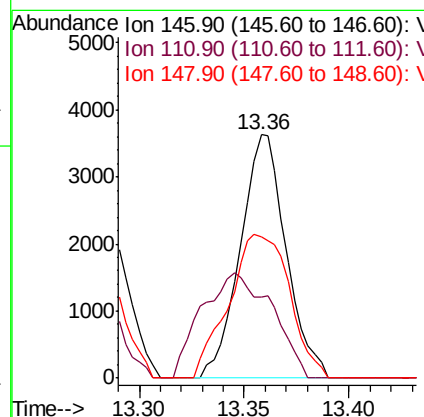
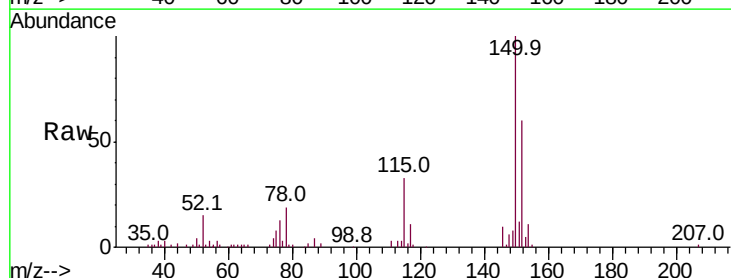
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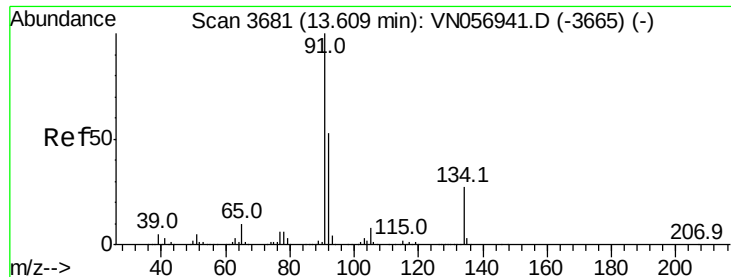
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#88  
 1,4-Dichlorobenzene  
 Concen: 1.048 ug/l m  
 RT: 13.36 min Scan# 3603  
 Delta R.T. -0.00 min  
 Lab File: VN056938.D  
 Acq: 26 Jul 2019 8:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.2  | 18.4  | 55.2  |
| 148     | 64.6  | 32.3  | 96.9  |





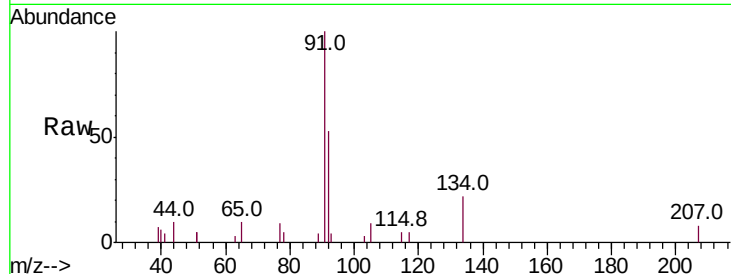
#89  
n-Butylbenzene  
Concen: 0.902 ug/l  
RT: 13.61 min Scan# 3681  
Delta R.T. -0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

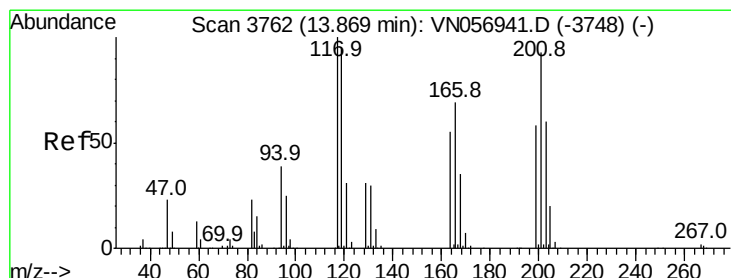
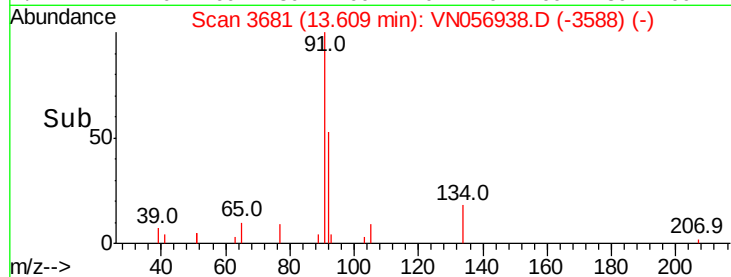
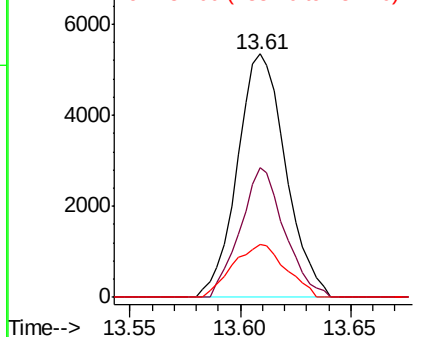
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 48.6  | 26.2  | 78.5  |
| 134     | 23.8  | 13.5  | 40.4  |

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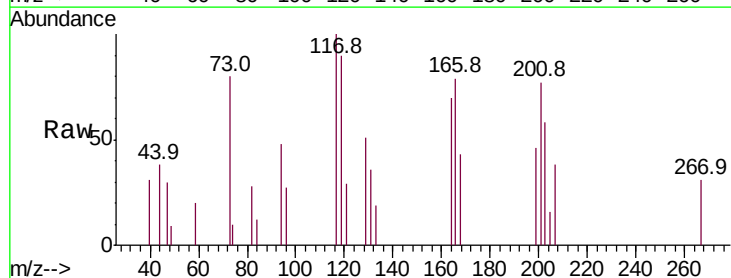


Abundance Ion 91.00 (90.70 to 91.70): VN056941.D (-3665) (-)  
Ion 92.00 (91.70 to 92.70): VN056941.D (-3665) (-)  
Ion 134.00 (133.70 to 134.70): VN056941.D (-3665) (-)

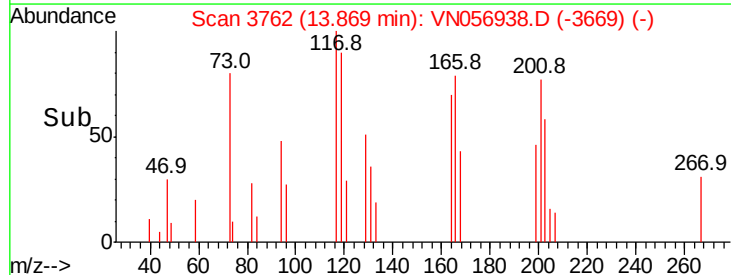
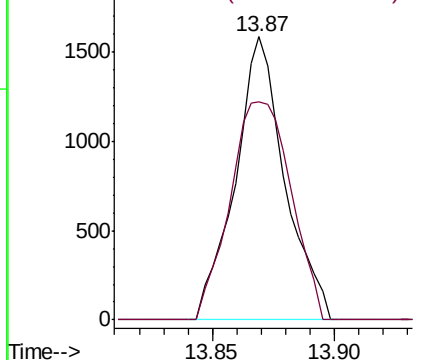


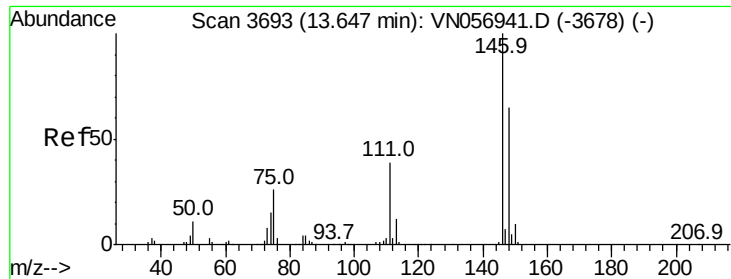
#90  
Hexachloroethane  
Concen: 1.072 ug/l  
RT: 13.87 min Scan# 3762  
Delta R.T. -0.00 min  
Lab File: VN056938.D  
Acq: 26 Jul 2019 8:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 95.2  | 47.0  | 141.2 |



Abundance Ion 116.80 (116.50 to 117.50): VN056941.D (-3748) (-)  
Ion 200.70 (200.40 to 201.40): VN056941.D (-3748) (-)





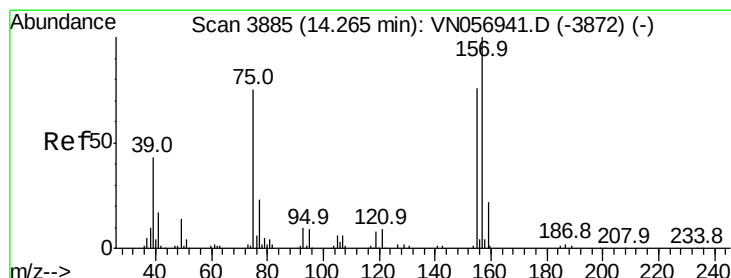
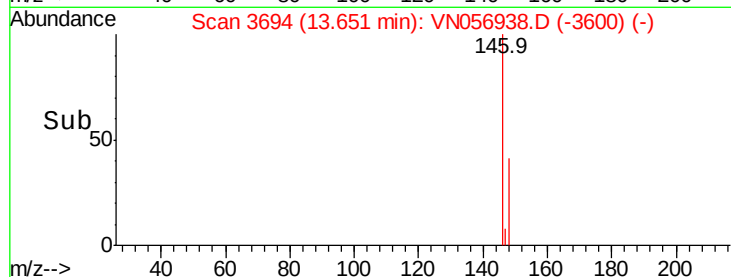
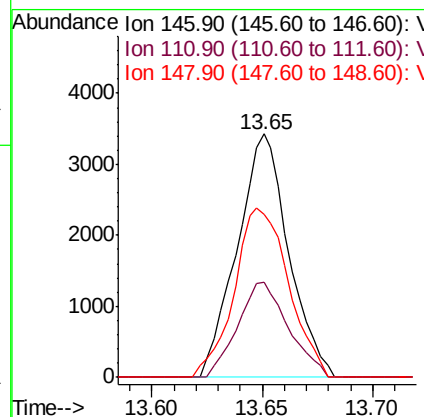
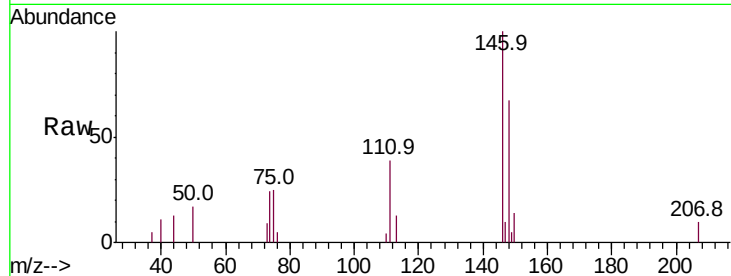
#91  
 1,2-Dichlorobenzene  
 Concen: 0.995 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. 0.00 min  
 Lab File: VN056938.D  
 Acq: 26 Jul 2019 8:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.4  | 19.4  | 58.4  |
| 148     | 73.5  | 32.2  | 96.6  |

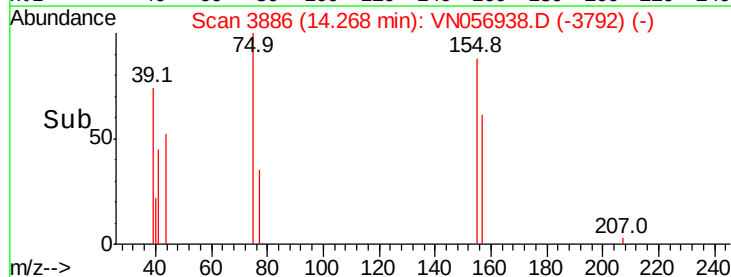
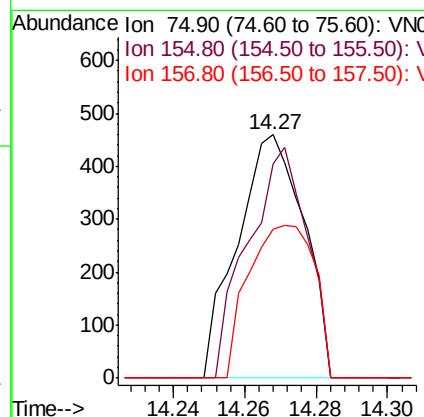
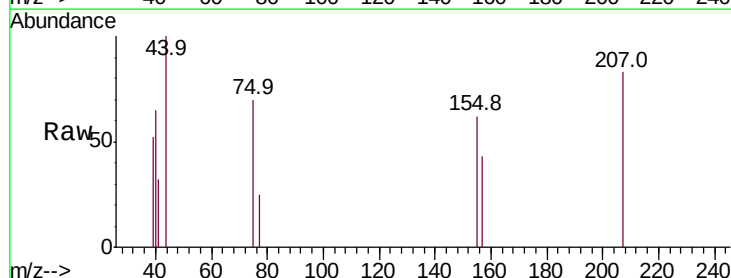
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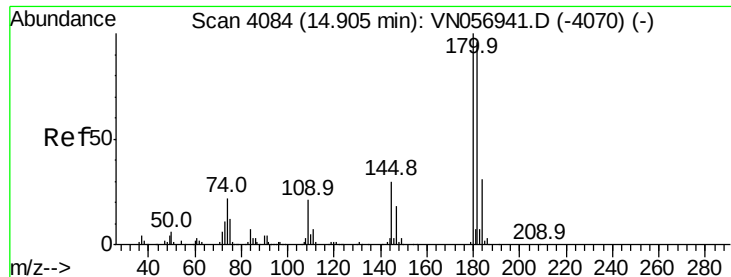
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.040 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. 0.00 min  
 Lab File: VN056938.D  
 Acq: 26 Jul 2019 8:51

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 75      | 100   |       |        |
| 155     | 84.1  | 50.2  | 150.6  |
| 157     | 62.2  | 65.1  | 195.4# |





#93

1,2,4-Trichlorobenzene

Concen: 0.714 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

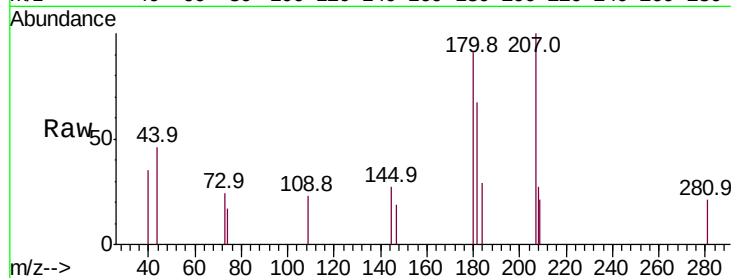
ClientSampled :

VSTDIC001

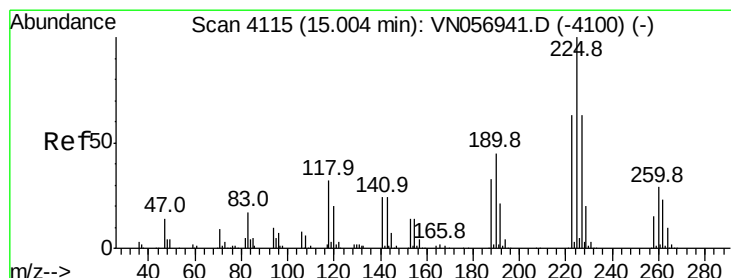
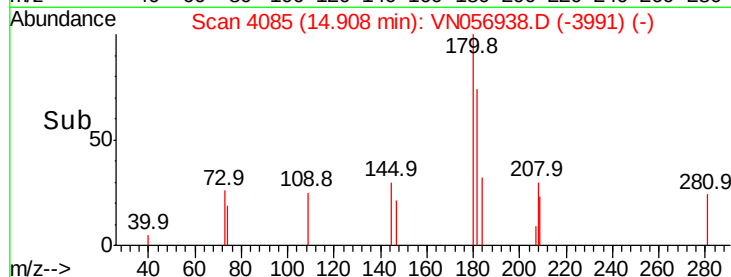
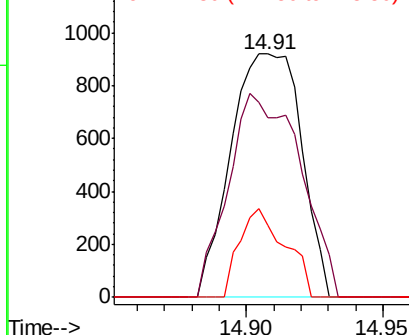
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 180   | Resp: | 1655  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 85.4  | 47.6  | 142.8 |
| 145       | 23.6  | 14.2  | 42.8  |

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Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 1.315 ug/l

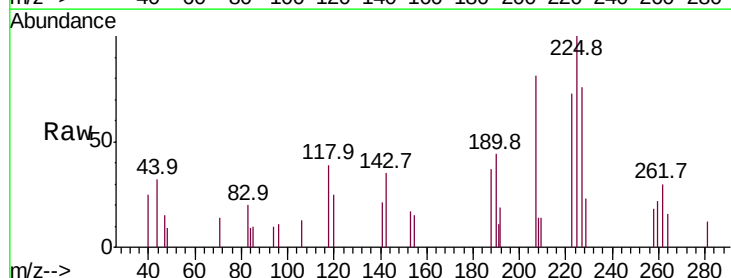
RT: 15.00 min Scan# 4114

Delta R.T. -0.00 min

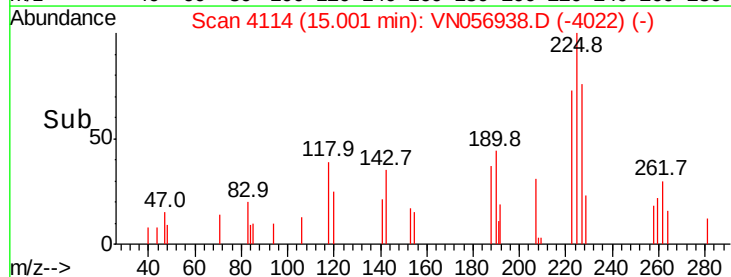
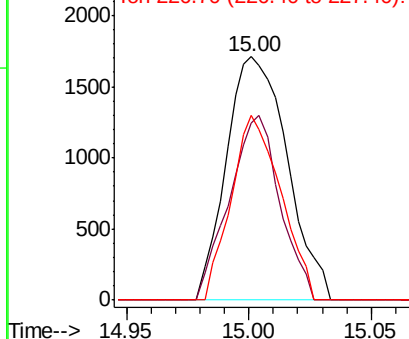
Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

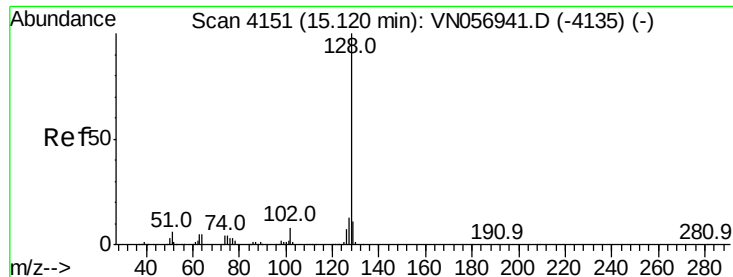
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 2965 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 63.0  | 30.8  | 92.4 |
| 227       | 62.0  | 31.1  | 93.5 |



Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V







#95

Naphthalene

Concen: 0.541 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

Instrument :

MSVOA\_N

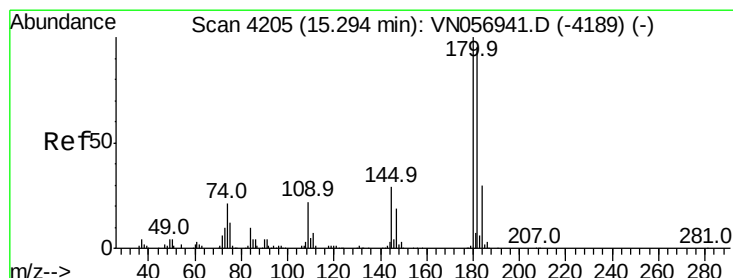
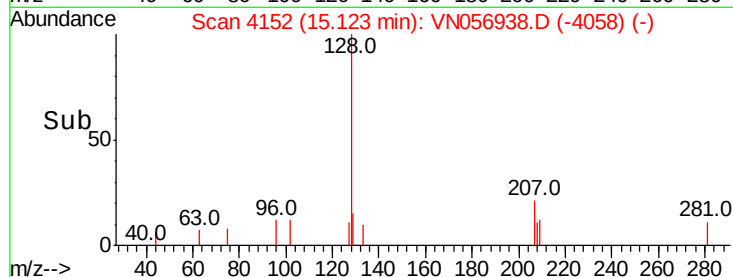
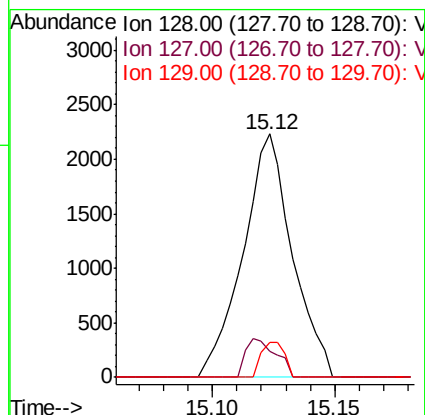
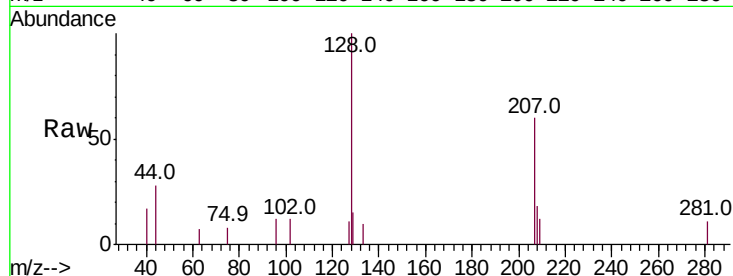
ClientSampleId :

VSTDIC001

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 3125  |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 9.6   | 10.0  | 15.0# |
| 129       | 6.7   | 8.7   | 13.1# |

Manual Integrations  
APPROVED

MMDadoda  
8/2/2019 9:12:59 AM



#96

1,2,3-Trichlorobenzene

Concen: 0.756 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. -0.00 min

Lab File: VN056938.D

Acq: 26 Jul 2019 8:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 1882  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 107.0 | 48.0  | 144.2 |
| 145       | 17.6  | 15.0  | 45.0  |

