

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\  
 Data File : VN055010.D  
 Acq On : 12 Apr 2019 20:12  
 Operator : JC/SP  
 Sample : K2373-03  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Apr 13 03:43:32 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041319W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 13 03:34:24 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 538903   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 858572   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 706484   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 224165   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 346362   | 51.22 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.44% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 275589   | 50.35 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.70% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1013194  | 50.40 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.80% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 293741   | 43.38 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 86.76%  |          |

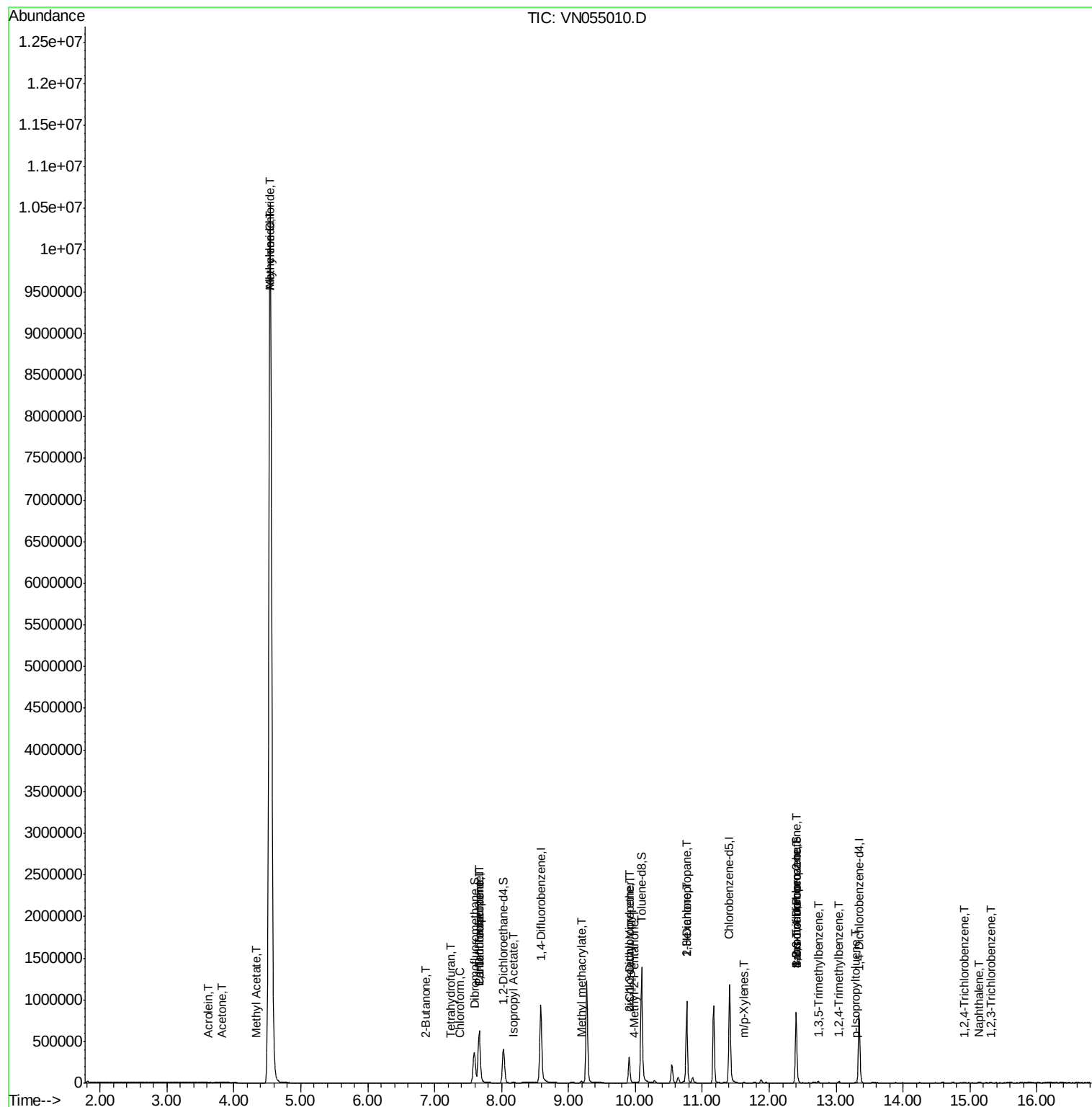
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 13) Acrolein                   | 3.62  | 56   | 465      | 0.926     | ug/l # | 21     |
| 14) Allyl chloride             | 4.54  | 41   | 339740   | 33.372    | ug/l # | 26     |
| 16) Acetone                    | 3.82  | 43   | 12744    | 6.860     | ug/l   | 99     |
| 18) Methyl Acetate             | 4.32  | 43   | 1966     | 0.341     | ug/l   | 98     |
| 20) Methylene Chloride         | 4.54  | 84   | 7469335  | 1275.778  | ug/l   | 96     |
| 25) 2-Butanone                 | 6.88  | 43   | 1788     | 0.625     | ug/l # | 53     |
| 29) Tetrahydrofuran            | 7.24  | 42   | 1688     | 0.900     | ug/l # | 69     |
| 30) Chloroform                 | 7.37  | 83   | 3365     | 0.317     | ug/l # | 78     |
| 31) Cyclohexane                | 7.67  | 56   | 11389    | Below Cal | #      | 1      |
| 36) 1,1-Dichloropropene        | 7.66  | 75   | 40442    | 5.097     | ug/l # | 48     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 49523    | 6.630     | ug/l # | 15     |
| 43) Isopropyl Acetate          | 8.18  | 43   | 15220    | 1.494     | ug/l   | 97     |
| 48) Methyl methacrylate        | 9.18  | 41   | 7231     | 1.378     | ug/l # | 17     |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 4633     | 0.777     | ug/l   | 98     |
| 54) cis-1,3-Dichloropropene    | 9.91  | 75   | 49267    | 5.599     | ug/l # | 67     |
| 57) 1,3-Dichloropropane        | 10.77 | 76   | 9637     | 1.057     | ug/l # | 43     |
| 58) 2-Chloroethyl Vinyl ether  | 9.90  | 63   | 105      | 18.235    | ug/l # | 50     |
| 59) 2-Hexanone                 | 10.77 | 43   | 154007   | 41.323    | ug/l # | 53     |
| 68) m/p-Xylenes                | 11.62 | 106  | 1848     | 0.202     | ug/l   | 77     |
| 71) Bromoform                  | 12.40 | 173  | 3135     | 3.449     | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 151118   | 36.643    | ug/l # | 100    |
| 77) Bromobenzene               | 12.52 | 156  | 359      | Below Cal | #      | 1      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 8268     | 0.533     | ug/l   | 98     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 151118   | 151.243   | ug/l # | 2      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 11823    | 0.795     | ug/l   | 98     |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 2977     | 0.202     | ug/l   | 94     |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 621      | 3.688     | ug/l # | 79     |
| 94) Hexachlorobutadiene        | 15.01 | 225  | 232      | Below Cal | #      | 37     |
| 95) Naphthalene                | 15.13 | 128  | 9020     | 5.630     | ug/l # | 93     |
| 96) 1,2,3-Trichlorobenzene     | 15.32 | 180  | 854      | 0.256     | ug/l   | 72     |

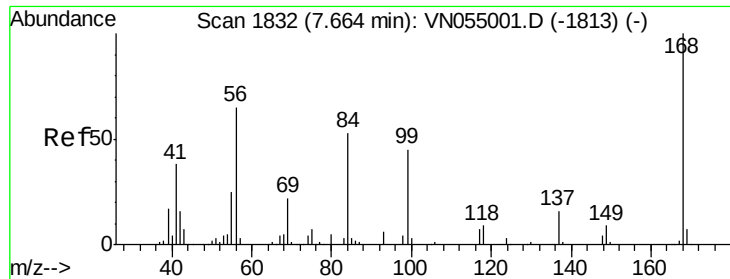
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041319\  
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Sample : K2373-03  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Apr 13 03:43:32 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N041319W.M  
Quant Title : SW846 8260  
QLast Update : Sat Apr 13 03:34:24 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

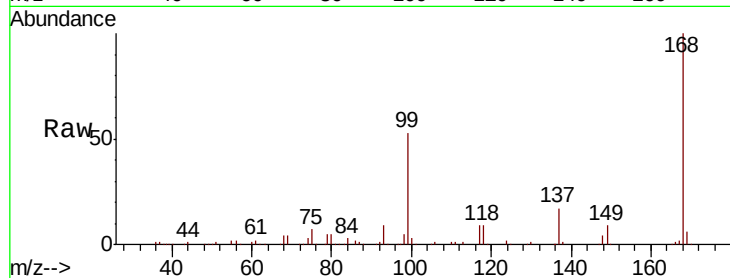
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 538903

Ion Ratio Lower Upper

168 100

99 53.4 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055010.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055010.D (-1813) (-)

7.67

250000

200000

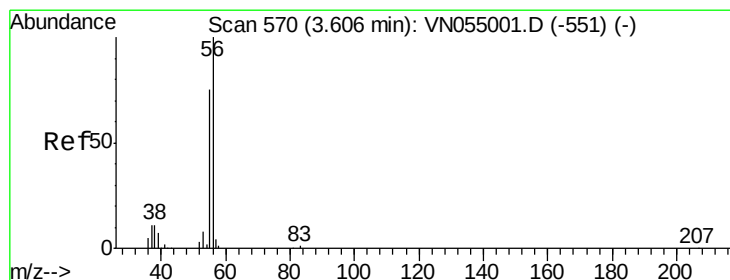
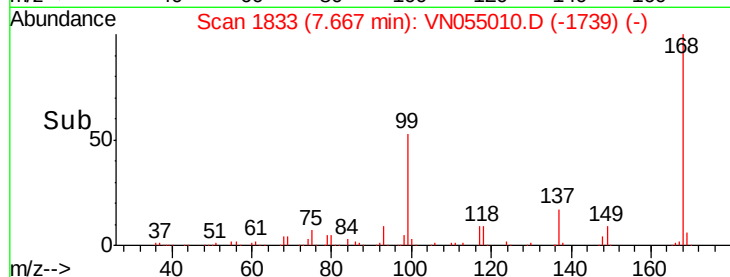
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.926 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN055010.D

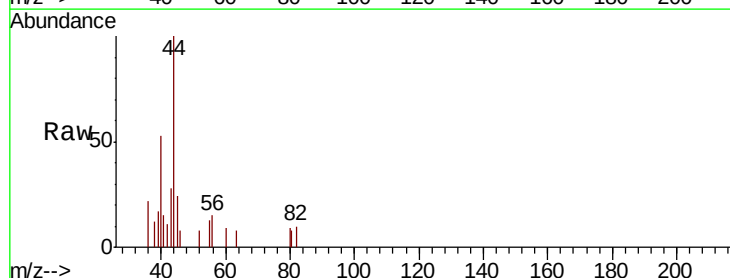
Acq: 12 Apr 2019 20:12

Tgt Ion: 56 Resp: 465

Ion Ratio Lower Upper

56 100

55 7.5 59.5 89.3#



Abundance Ion 56.00 (55.70 to 56.70): VN055010.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN055010.D (-551) (-)

3.62

300

250

200

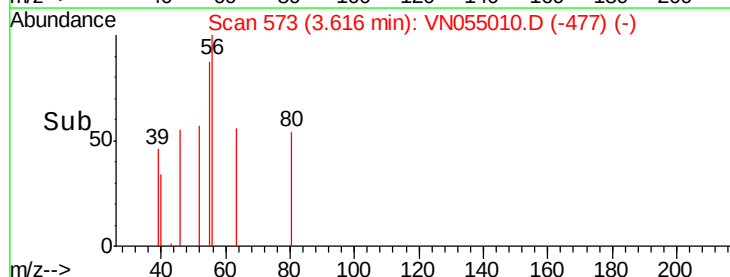
150

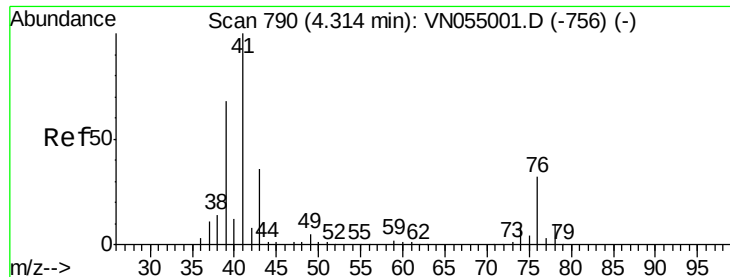
100

50

0

Time-->

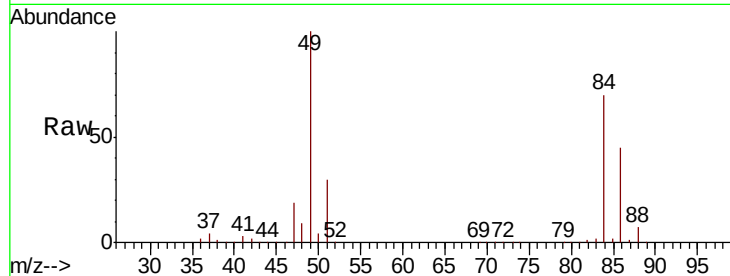




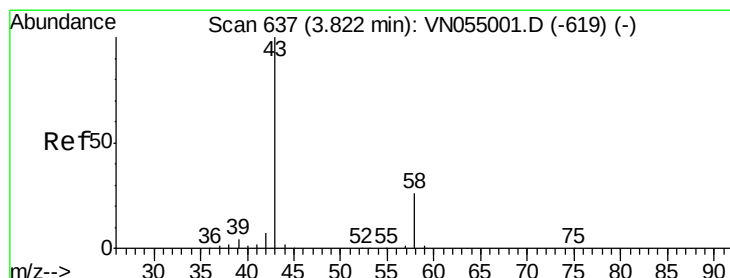
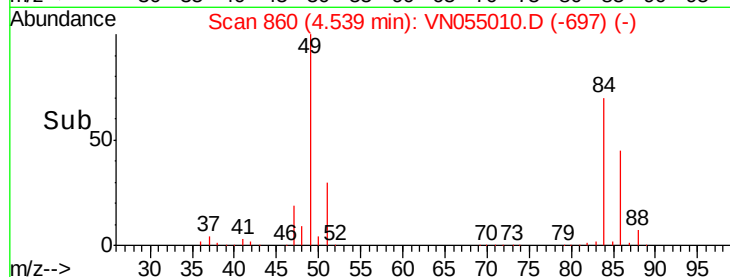
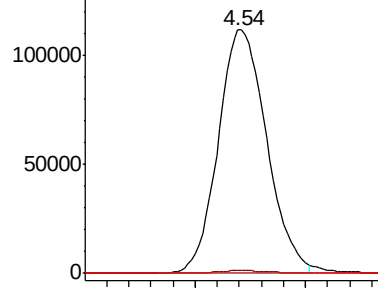
#14  
Allvl chloride  
Concen: 33.372 ug/l  
RT: 4.54 min Scan# 860  
Delta R.T. 0.23 min  
Lab File: VN055010.D  
Acq: 12 Apr 2019 20:12

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 41 Resp: 339740  
Ion Ratio Lower Upper  
41 100  
39 0.7 52.7 79.1#  
76 0.0 23.2 34.8#

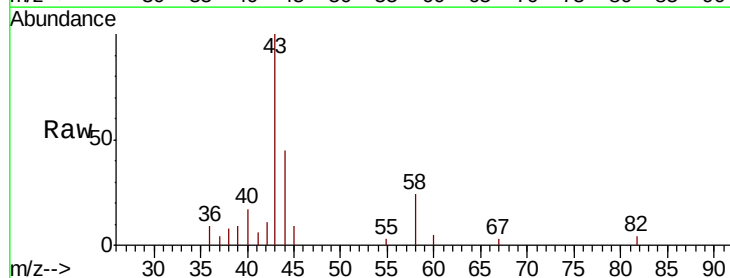


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 75.90 (75.60 to 76.60): VN0

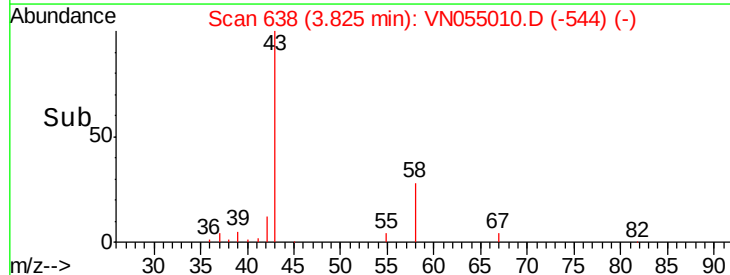
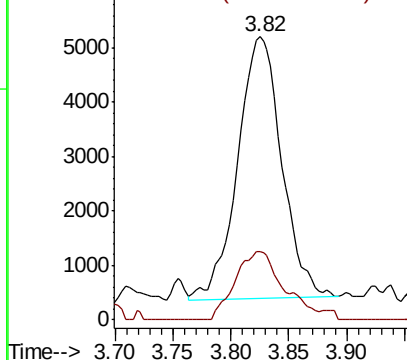


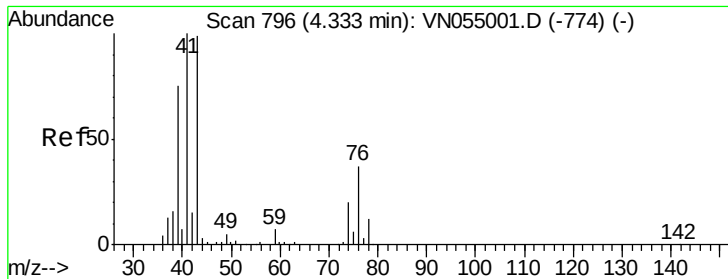
#16  
Acetone  
Concen: 6.860 ug/l  
RT: 3.82 min Scan# 638  
Delta R.T. 0.00 min  
Lab File: VN055010.D  
Acq: 12 Apr 2019 20:12

Tgt Ion: 43 Resp: 12744  
Ion Ratio Lower Upper  
43 100  
58 26.4 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

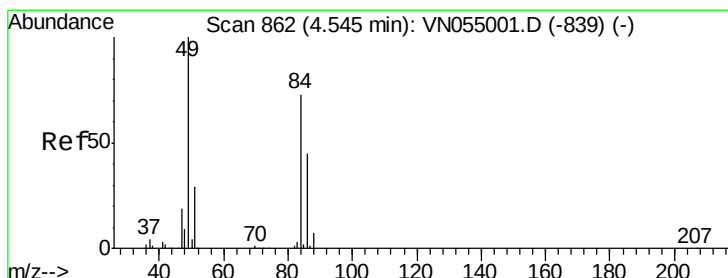
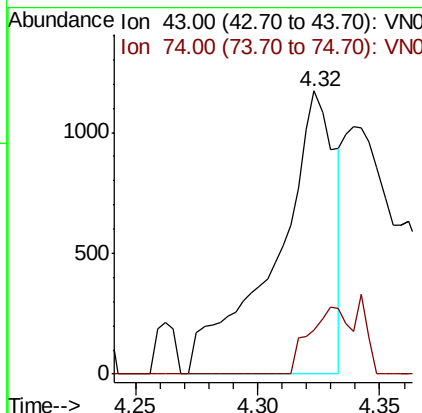
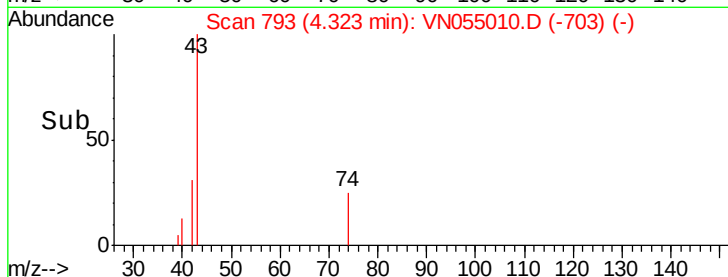
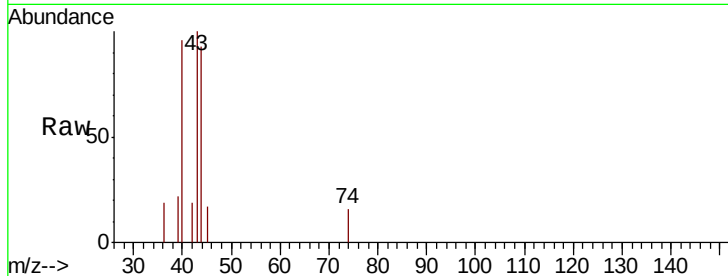




#18  
Methyl Acetate  
Concen: 0.341 ug/l  
RT: 4.32 min Scan# 793  
Delta R.T. -0.01 min  
Lab File: VN055010.D  
Acq: 12 Apr 2019 20:12

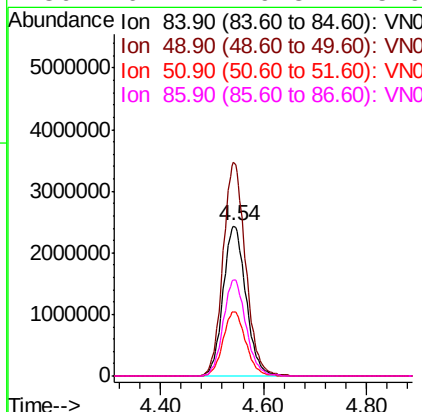
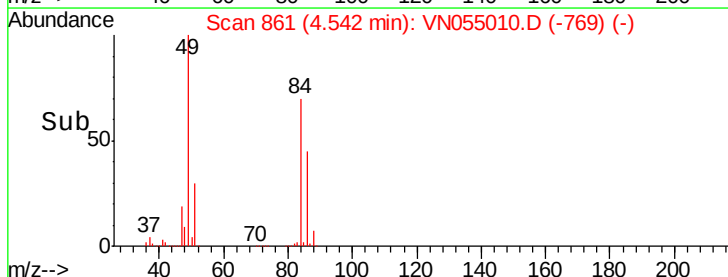
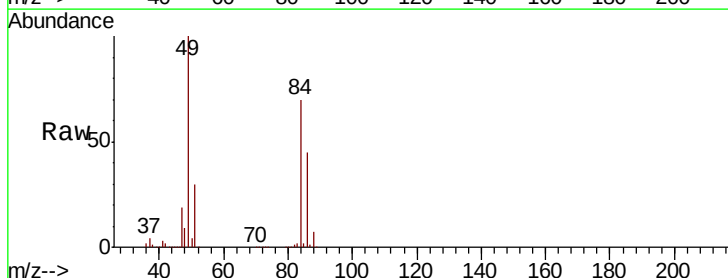
Instrument :  
MSVOA\_N  
ClientSampled :

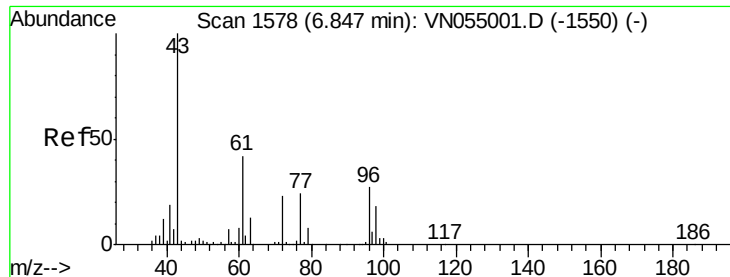
Tot Ion: 43 Resp: 1966  
Ion Ratio Lower Upper  
43 100  
74 21.0 16.1 24.1



#20  
Methylene Chloride  
Concen: 1275.778 ug/l  
RT: 4.54 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: VN055010.D  
Acq: 12 Apr 2019 20:12

Tgt Ion: 84 Resp: 7469335  
Ion Ratio Lower Upper  
84 100  
49 142.1 109.4 164.2  
51 42.9 32.2 48.4  
86 64.2 49.3 73.9





#25

2-Butanone

Concen: 0.625 ug/l

RT: 6.88 min Scan# 1587

Delta R.T. 0.03 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA\_N

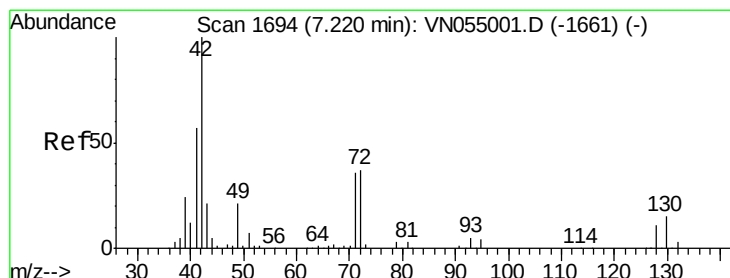
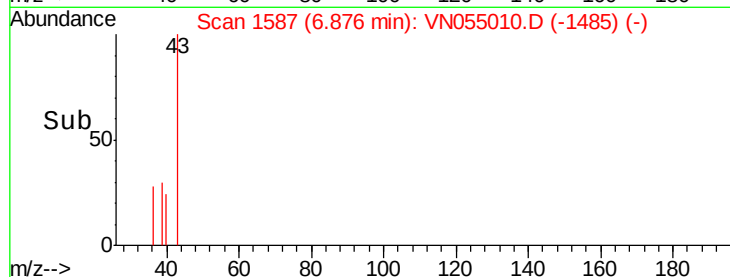
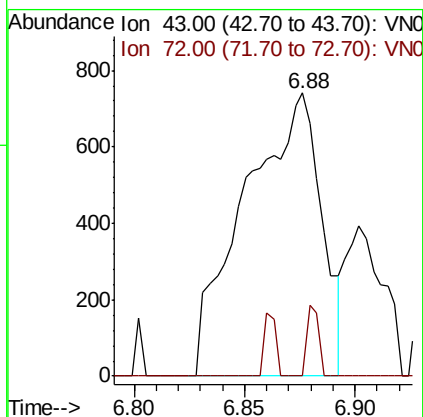
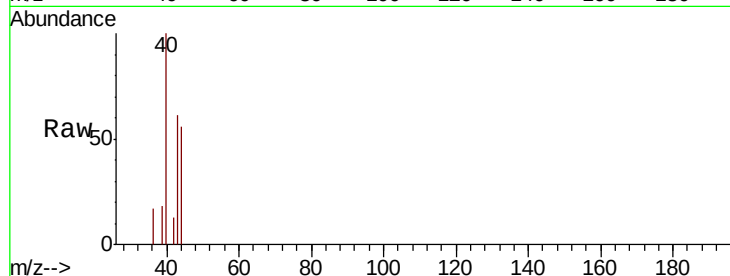
ClientSampled :

Tot Ion: 43 Resp: 1788

Ion Ratio Lower Upper

43 100

72 0.0 18.1 27.1#



#29

Tetrahydrofuran

Concen: 0.900 ug/l

RT: 7.24 min Scan# 1700

Delta R.T. 0.02 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

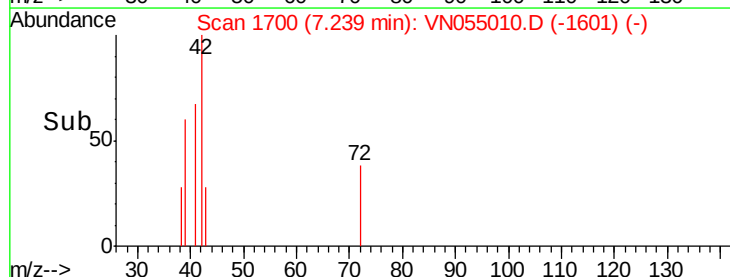
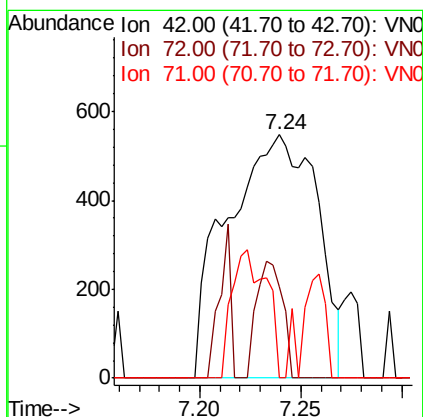
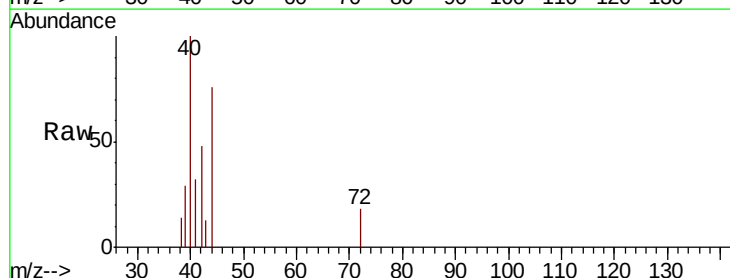
Tgt Ion: 42 Resp: 1688

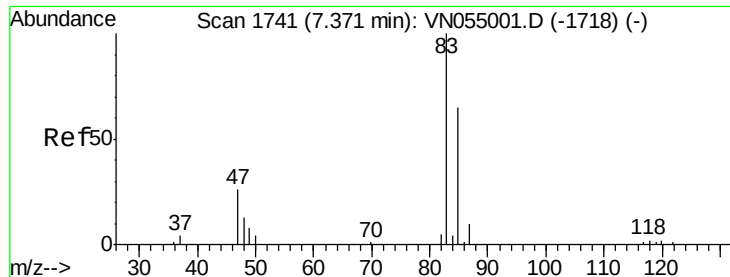
Ion Ratio Lower Upper

42 100

72 14.2 29.4 44.0#

71 20.6 27.8 41.6#

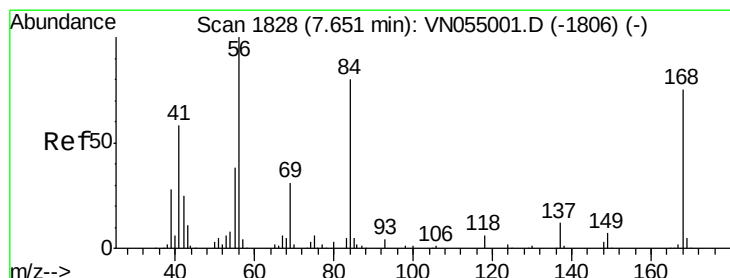
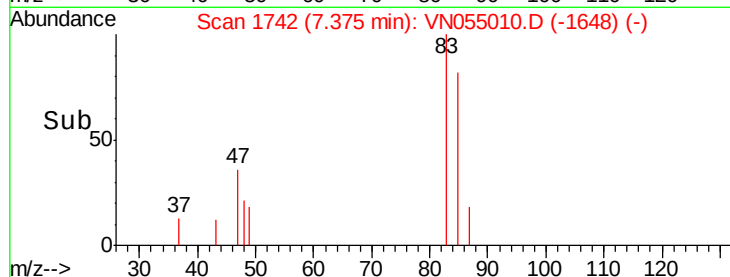
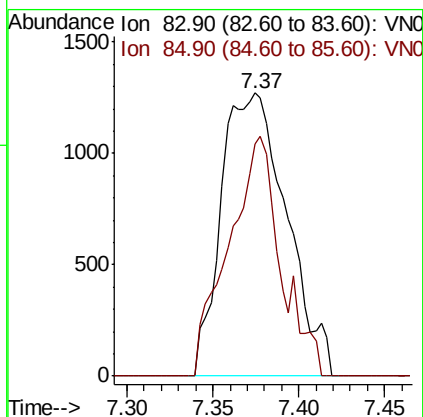
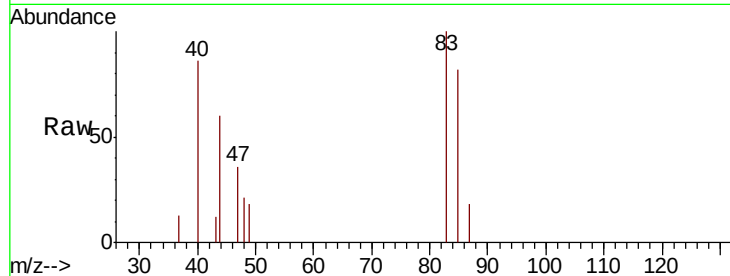




#30  
Chloroform  
Concen: 0.317 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VN055010.D  
Acq: 12 Apr 2019 20:12

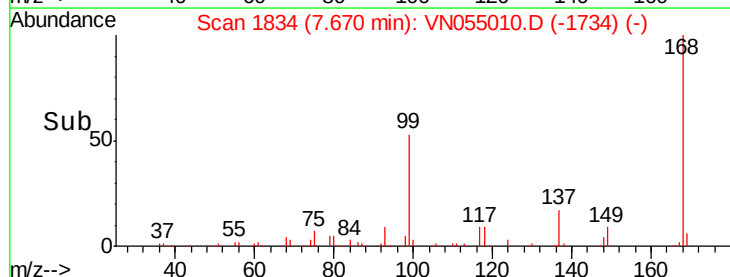
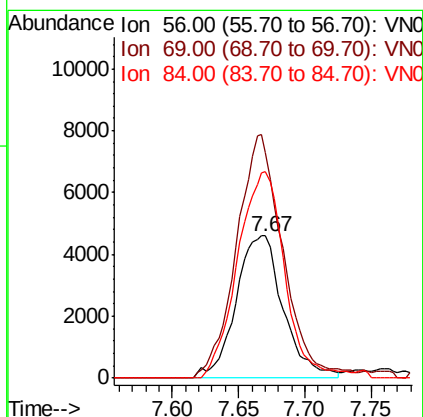
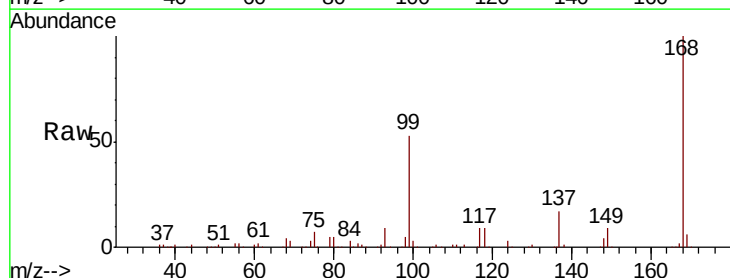
Instrument :  
MSVOA\_N  
ClientSampled :

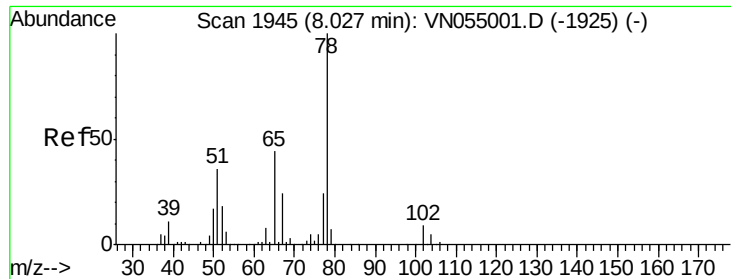
Tot Ion: 83 Resp: 3365  
Ion Ratio Lower Upper  
83 100  
85 82.0 51.8 77.6#



#31  
Cyclohexane  
Concen: Below Cal  
RT: 7.67 min Scan# 1834  
Delta R.T. 0.02 min  
Lab File: VN055010.D  
Acq: 12 Apr 2019 20:12

Tgt Ion: 56 Resp: 11389  
Ion Ratio Lower Upper  
56 100  
69 158.5 24.5 36.7#  
84 148.5 62.9 94.3#

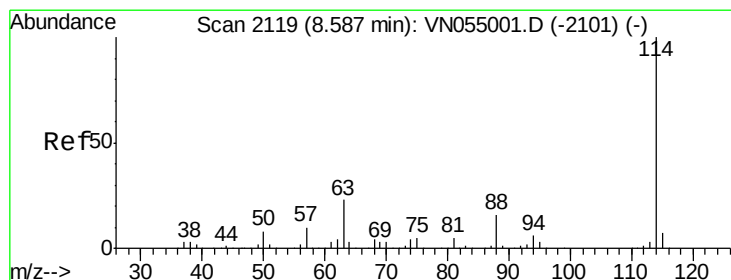
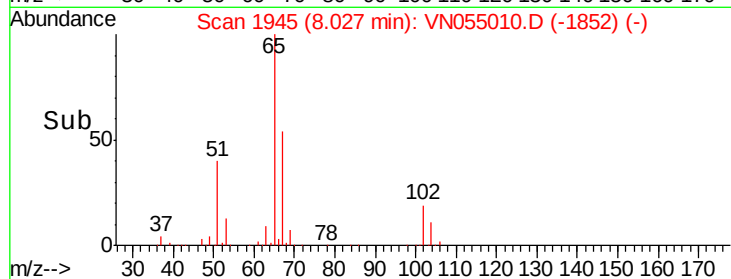
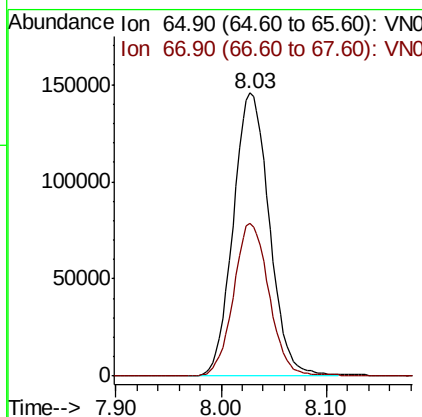
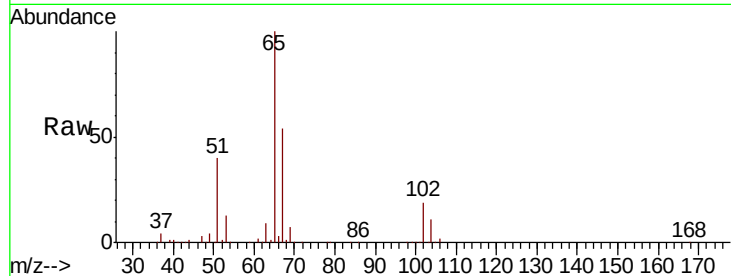




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.215 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN055010.D  
 Acq: 12 Apr 2019 20:12

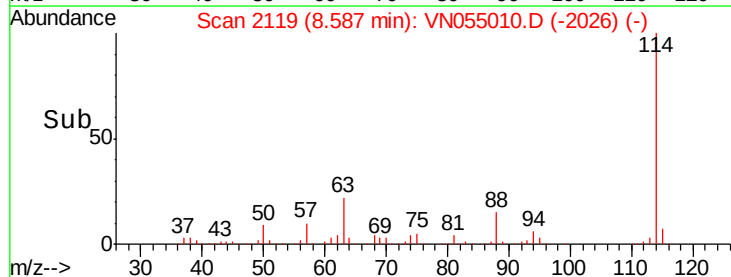
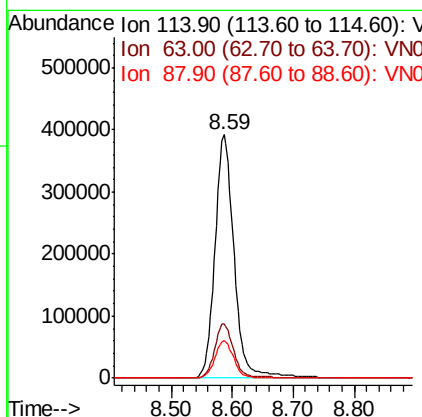
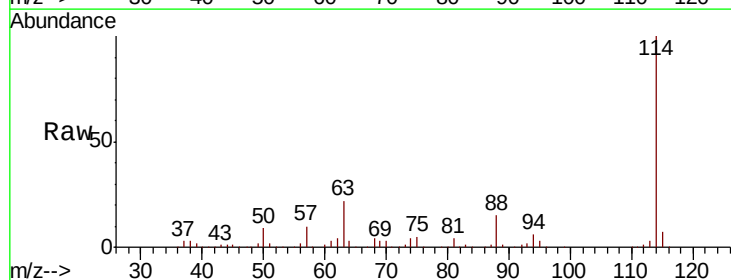
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion: 65 Resp: 346362  
 Ion Ratio Lower Upper  
 65 100  
 67 52.8 0.0 106.4

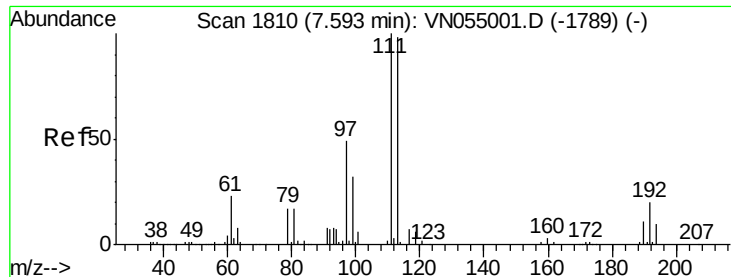


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN055010.D  
 Acq: 12 Apr 2019 20:12

Tgt Ion: 114 Resp: 858572  
 Ion Ratio Lower Upper  
 114 100  
 63 22.1 0.0 45.2  
 88 15.5 0.0 31.8







#35

Dibromofluoromethane

Concen: 50.353 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA\_N

ClientSampleId :

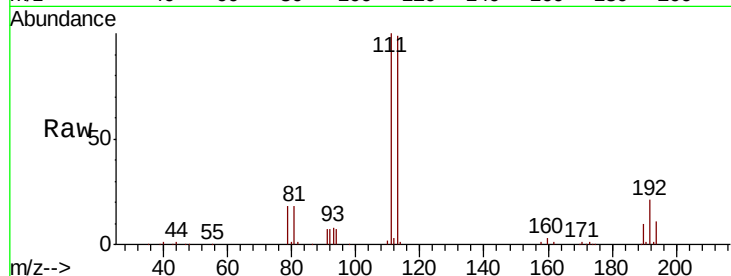
Tot Ion:113 Resp: 275589

Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

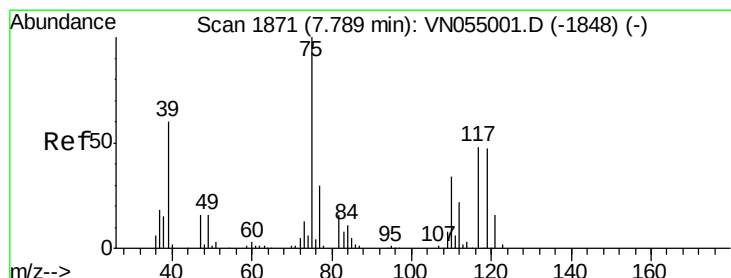
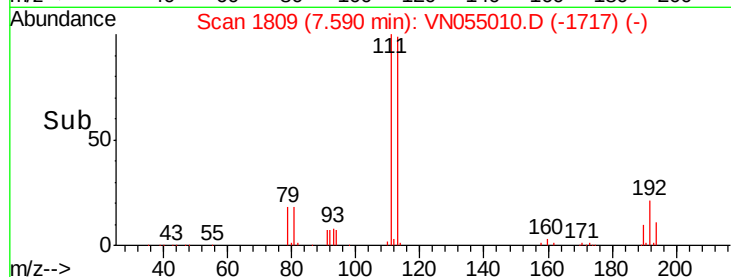
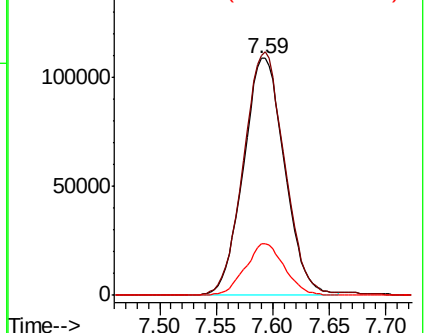
192 20.9 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.097 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

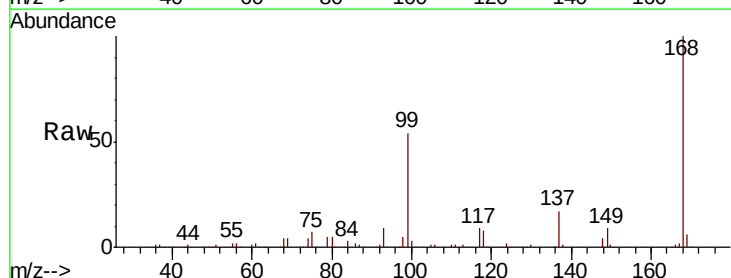
Tgt Ion: 75 Resp: 40442

Ion Ratio Lower Upper

75 100

110 7.6 17.5 52.5#

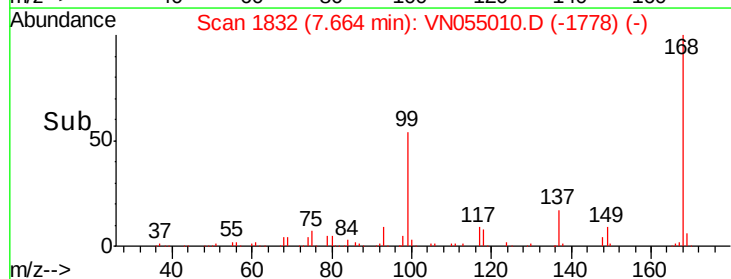
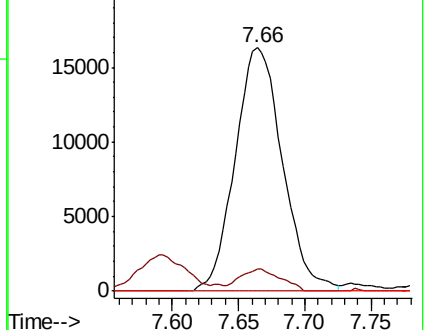
77 0.0 24.9 37.3#

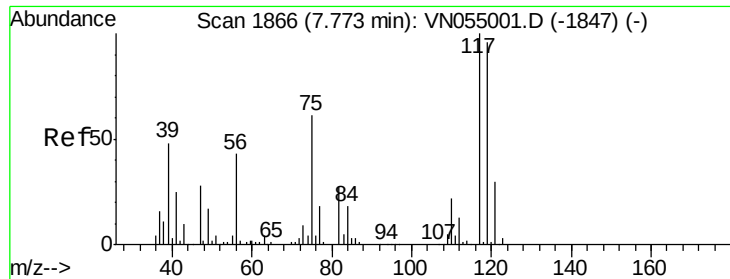


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#38

Carbon Tetrachloride

Concen: 6.630 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA\_N

ClientSampleId :

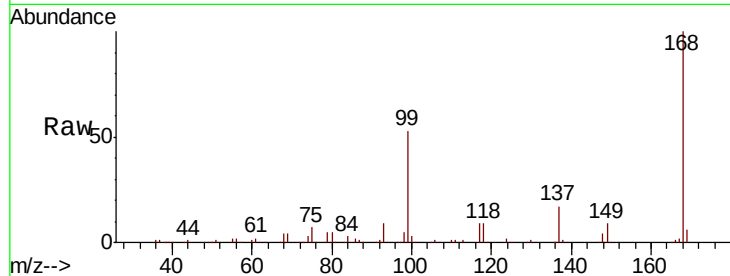
Tot Ion:117 Resp: 49523

Ion Ratio Lower Upper

117 100

119 4.2 76.3 114.5#

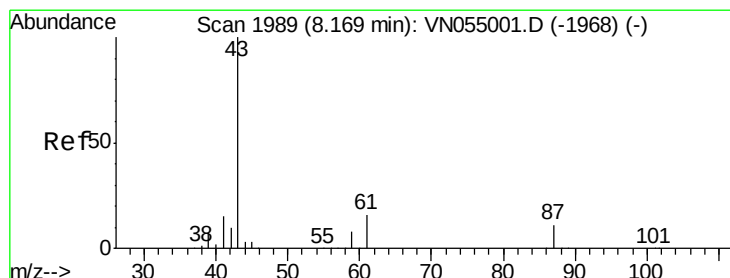
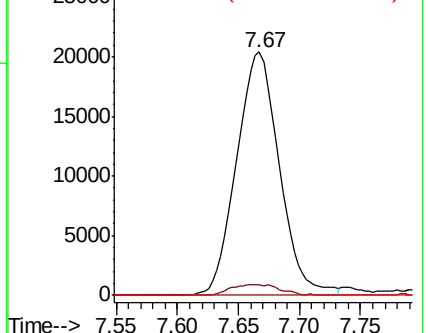
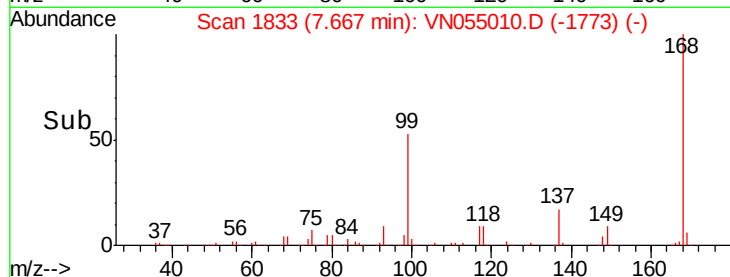
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.494 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

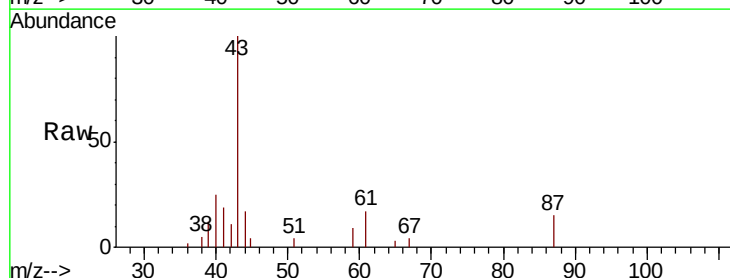
Tgt Ion: 43 Resp: 15220

Ion Ratio Lower Upper

43 100

61 17.0 14.3 21.5

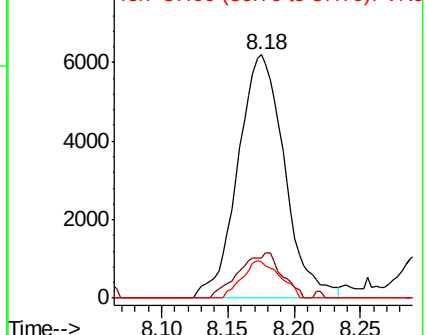
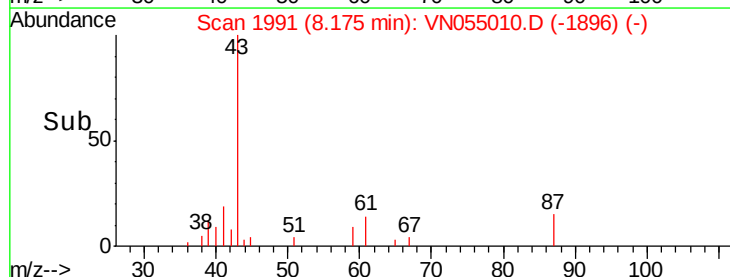
87 12.3 8.6 13.0

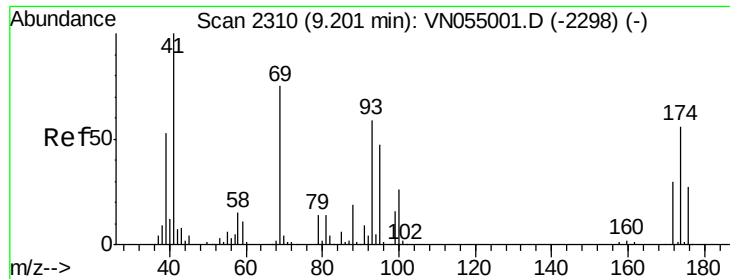


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

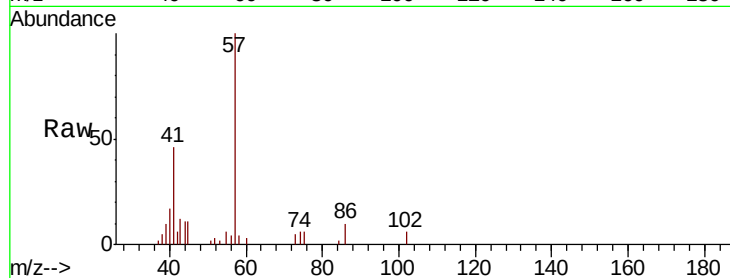




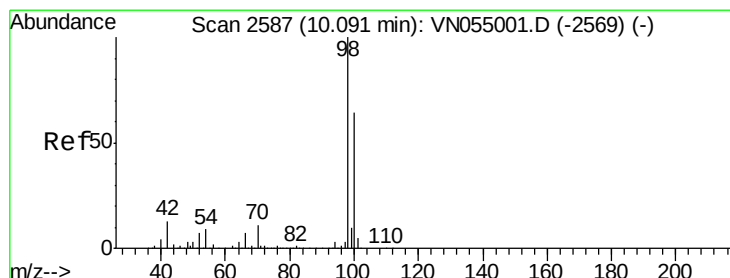
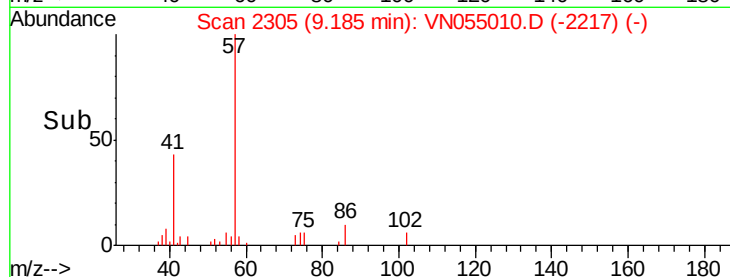
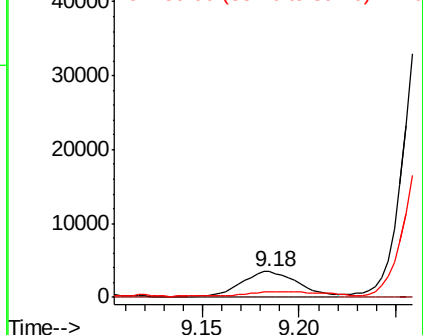
#48  
Methvl methacrylate  
Concen: 1.378 ug/l  
RT: 9.18 min Scan# 2305  
Delta R.T. -0.02 min  
Lab File: VN055010.D  
Acq: 12 Apr 2019 20:12

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 41 Resp: 7231  
Ion Ratio Lower Upper  
41 100  
69 0.0 60.5 90.7#  
39 0.0 43.9 65.9#

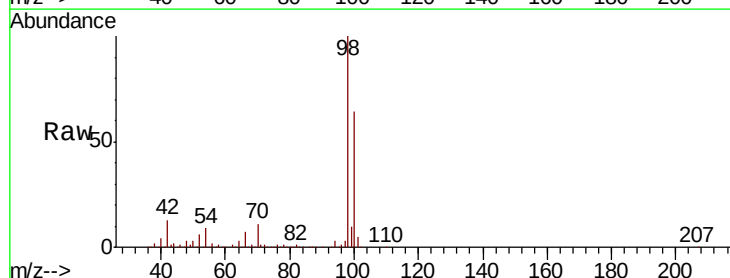


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

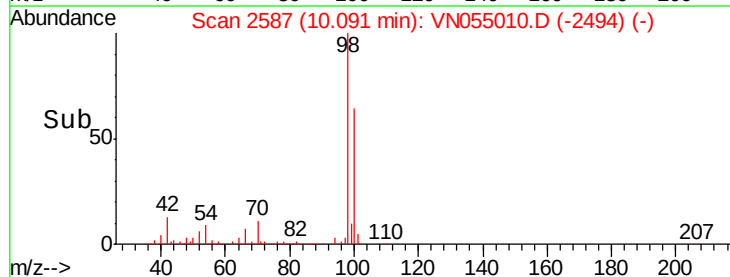
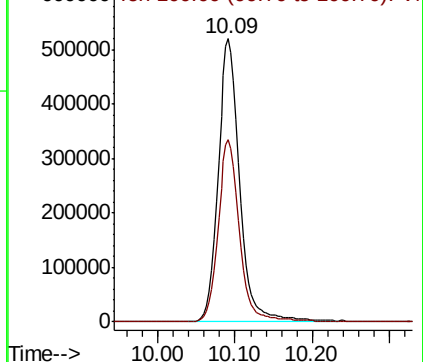


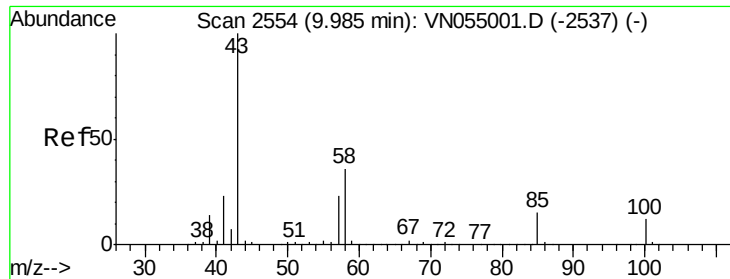
#50  
Toluene-d8  
Concen: 50.402 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN055010.D  
Acq: 12 Apr 2019 20:12

Tgt Ion: 98 Resp: 1013194  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0  
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.777 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA\_N

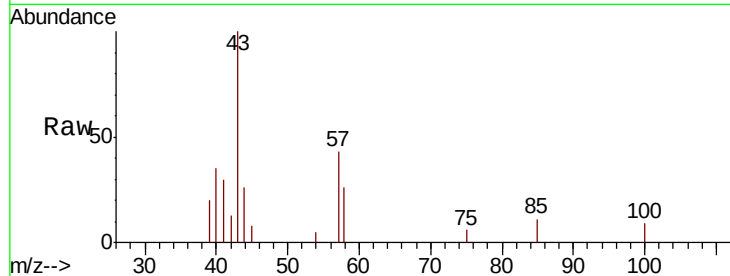
ClientSampled :

Tot Ion: 43 Resp: 4633

Ion Ratio Lower Upper

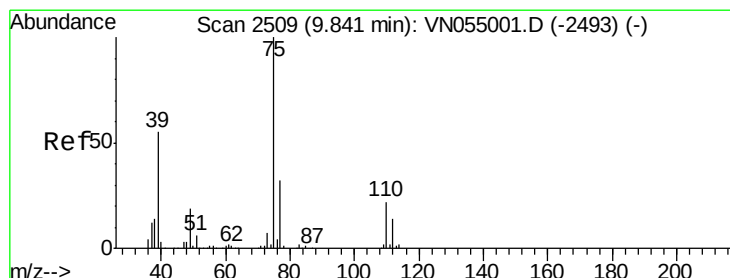
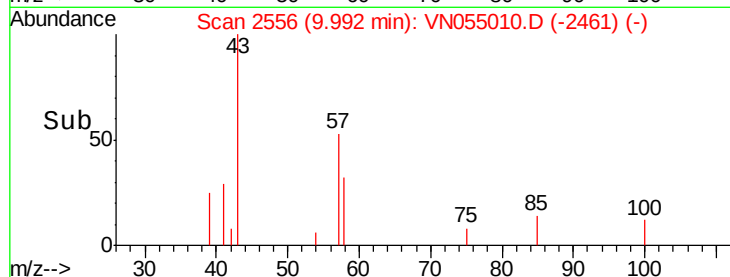
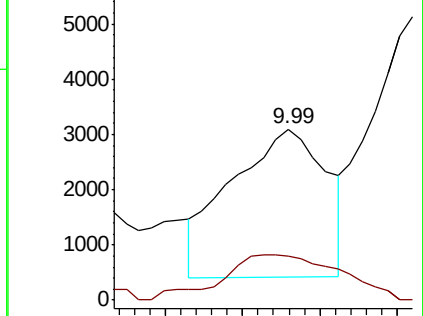
43 100

58 37.7 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.599 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

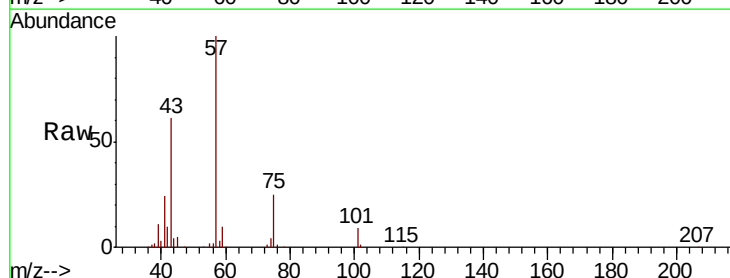
Tgt Ion: 75 Resp: 49267

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

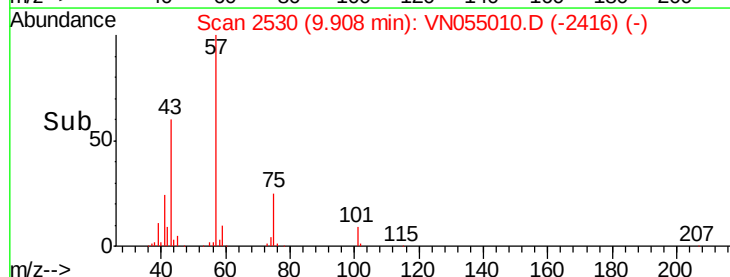
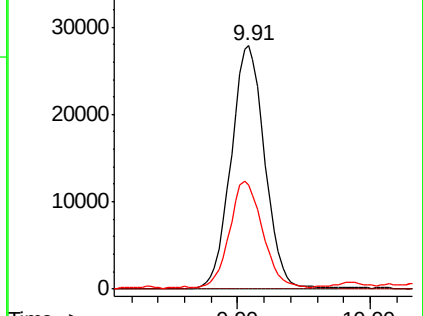
39 41.7 43.8 65.8#

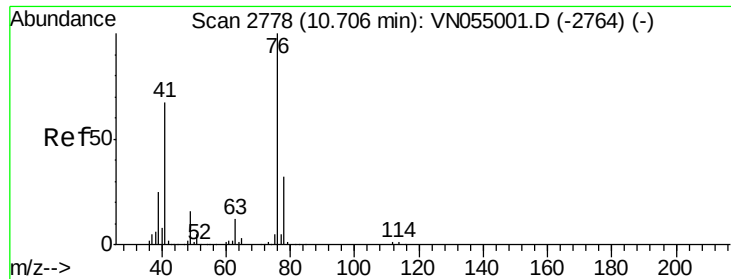


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.057 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA\_N

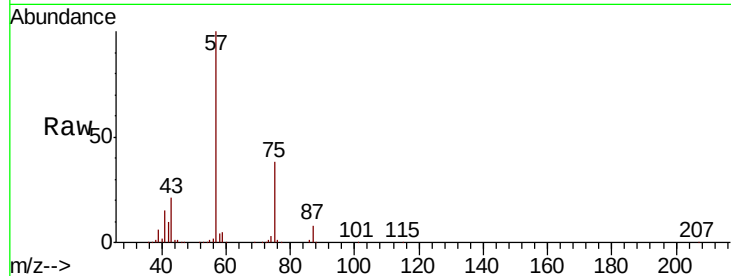
ClientSampleId :

Tot Ion: 76 Resp: 9637

Ion Ratio Lower Upper

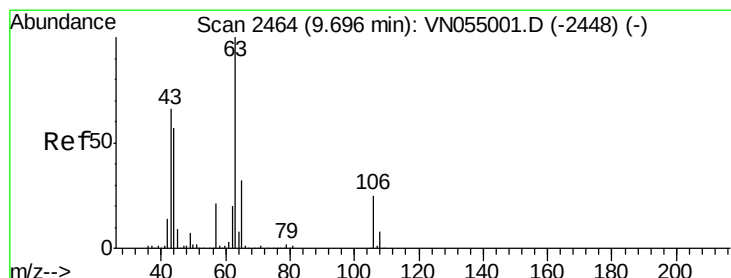
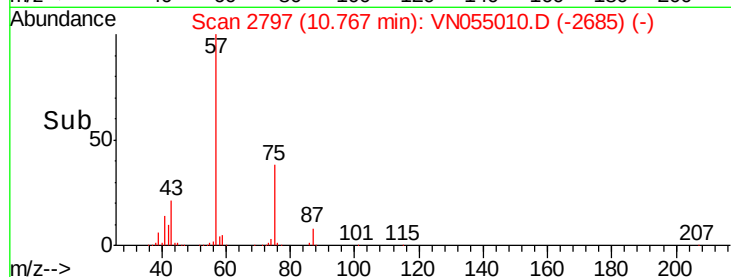
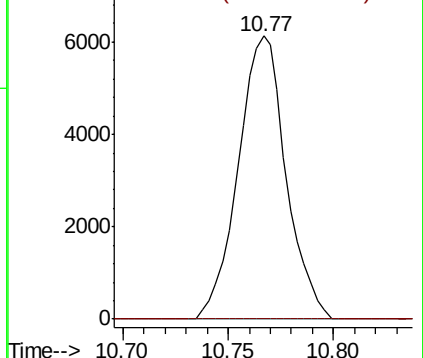
76 100

78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 18.235 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.21 min

Lab File: VN055010.D

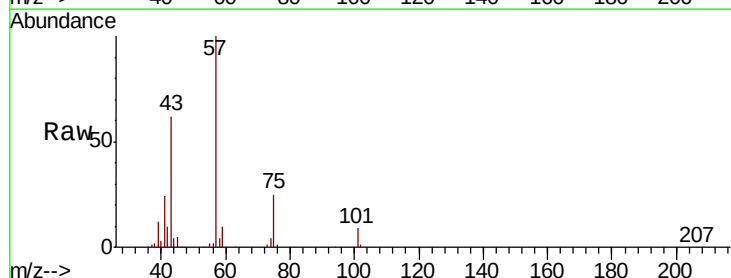
Acq: 12 Apr 2019 20:12

Tgt Ion: 63 Resp: 105

Ion Ratio Lower Upper

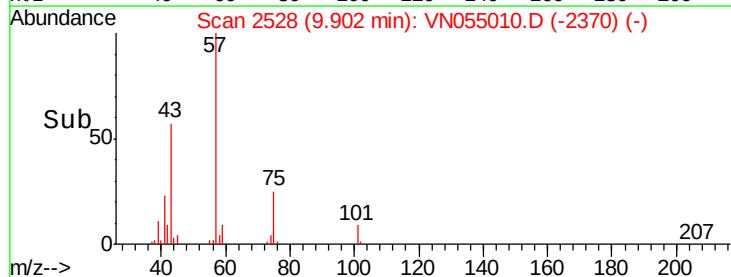
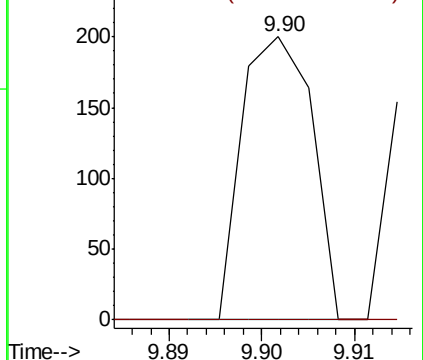
63 100

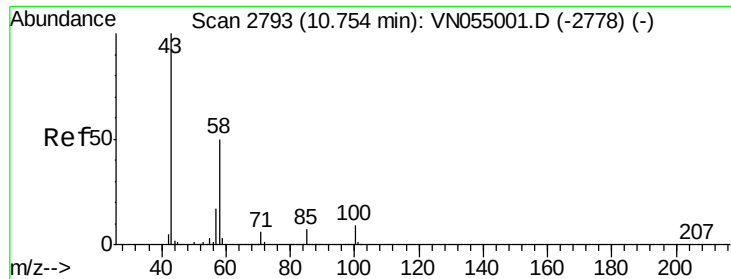
106 0.0 20.0 30.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

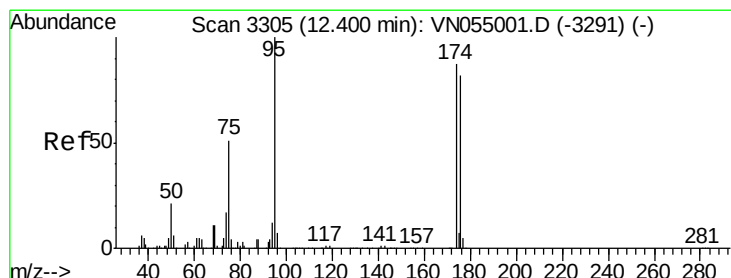
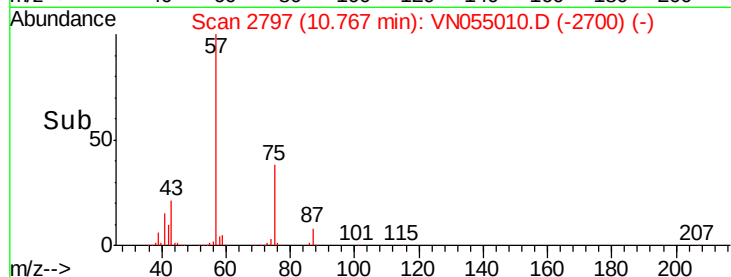
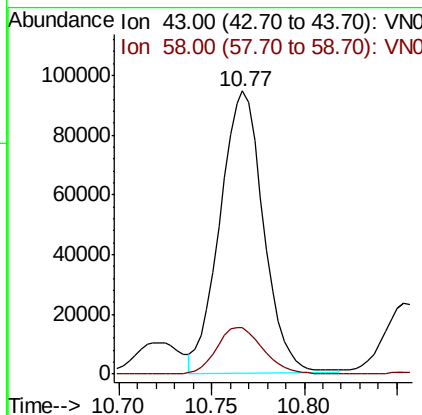
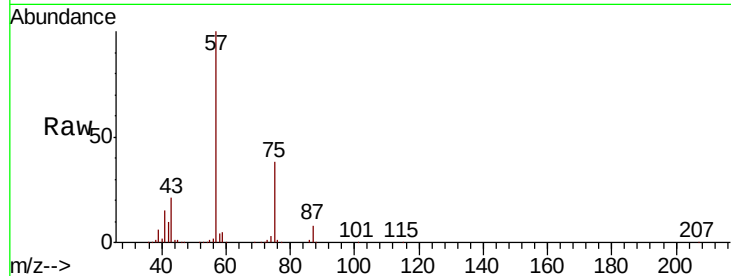




#59  
2-Hexanone  
Concen: 41.323 ug/l  
RT: 10.77 min Scan# 2797  
Delta R.T. 0.01 min  
Lab File: VN055010.D  
Acq: 12 Apr 2019 20:12

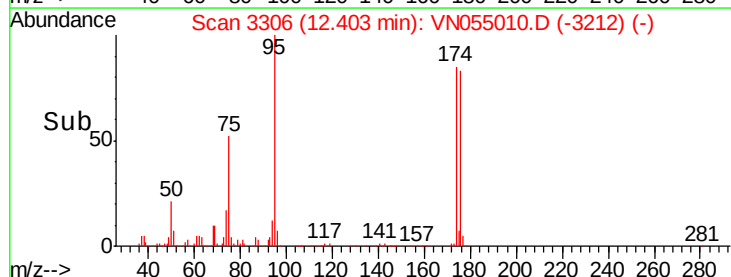
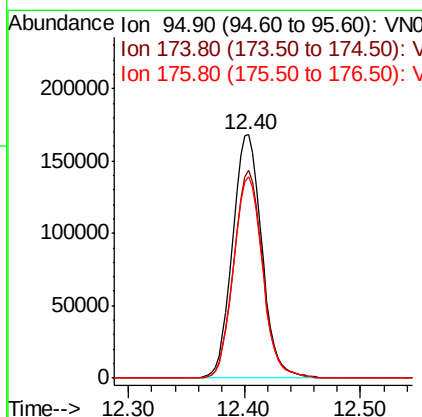
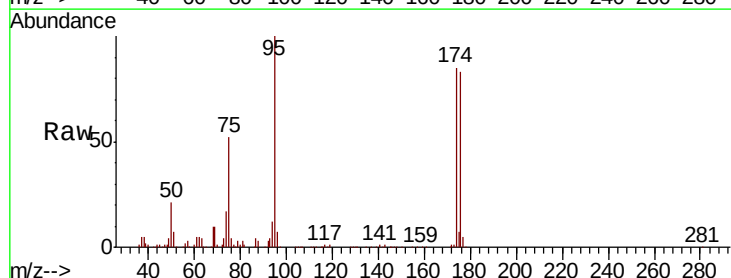
Instrument :  
MSVOA\_N  
ClientSampled :

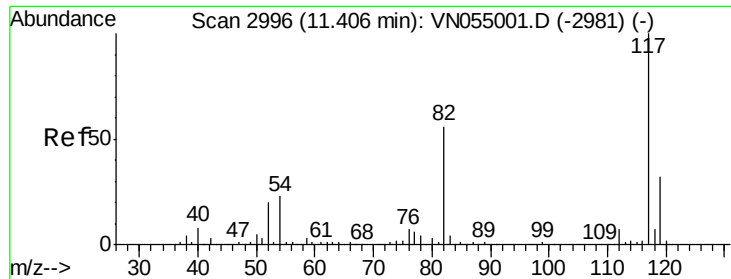
Tot Ion: 43 Resp: 154007  
Ion Ratio Lower Upper  
43 100  
58 17.8 25.1 75.2#



#62  
4-Bromofluorobenzene  
Concen: 43.380 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.00 min  
Lab File: VN055010.D  
Acq: 12 Apr 2019 20:12

Tgt Ion: 95 Resp: 293741  
Ion Ratio Lower Upper  
95 100  
174 84.2 0.0 174.4  
176 81.9 0.0 166.8

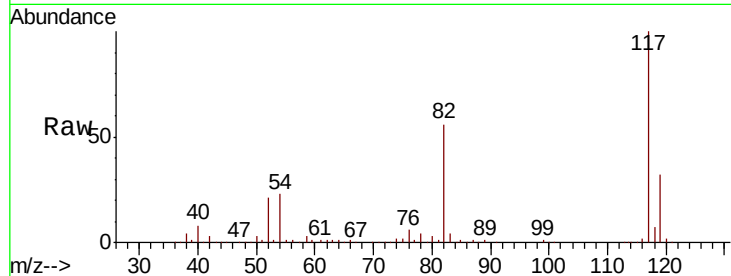




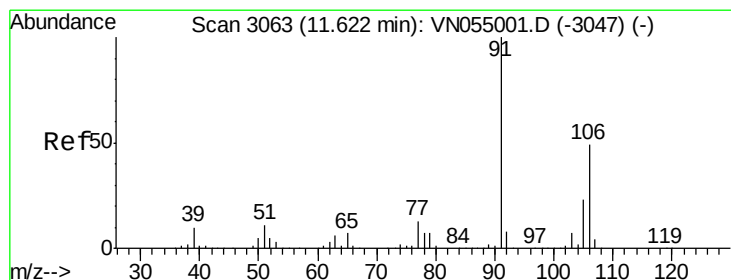
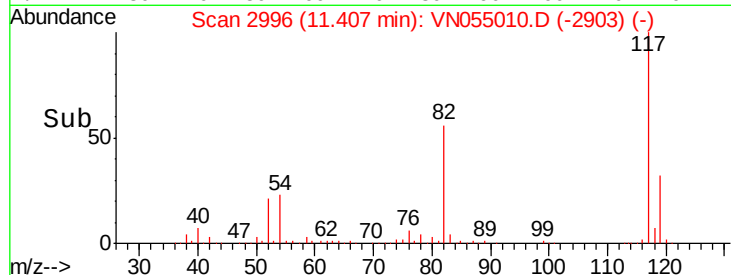
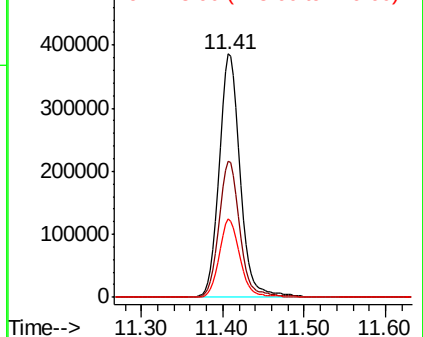
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN055010.D  
Acq: 12 Apr 2019 20:12

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:117 Resp: 706484  
Ion Ratio Lower Upper  
117 100  
82 56.1 44.6 66.8  
119 32.1 25.5 38.3

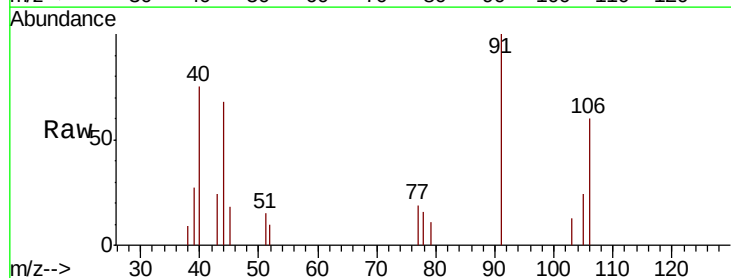


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VN  
Ion 118.90 (118.60 to 119.60): V

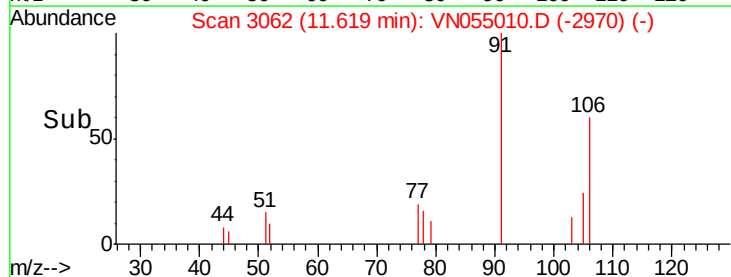
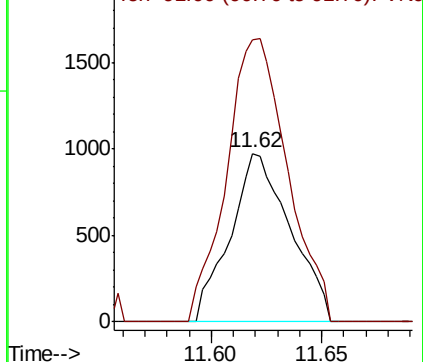


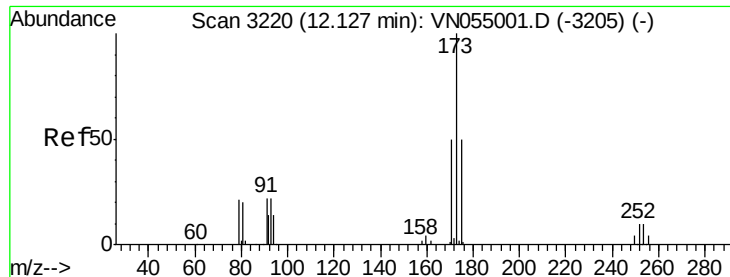
#68  
m/p-Xylenes  
Concen: 0.202 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN055010.D  
Acq: 12 Apr 2019 20:12

Tgt Ion:106 Resp: 1848  
Ion Ratio Lower Upper  
106 100  
91 171.0 165.9 248.9



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 3.449 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA\_N

ClientSampleId :

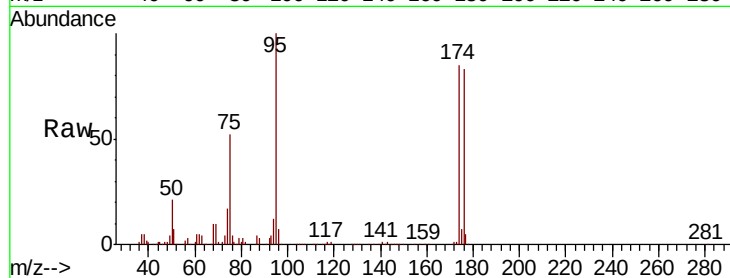
Tot Ion:173 Resp: 3135

Ion Ratio Lower Upper

173 100

175 509.5 24.3 73.0#

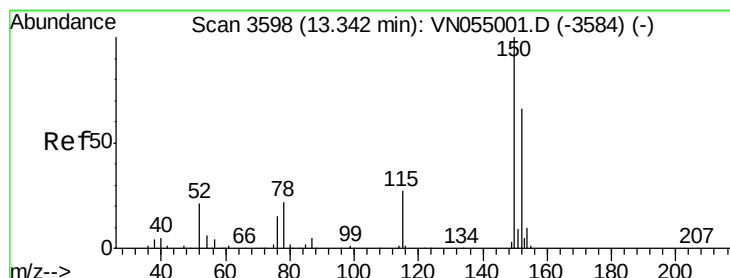
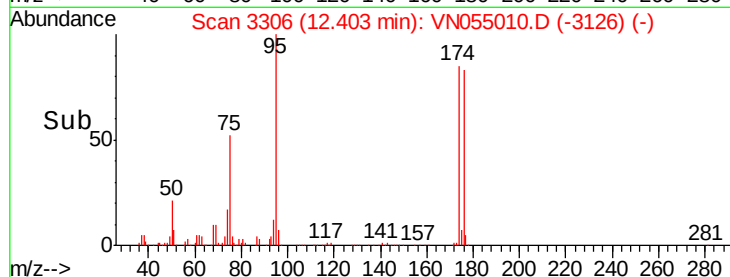
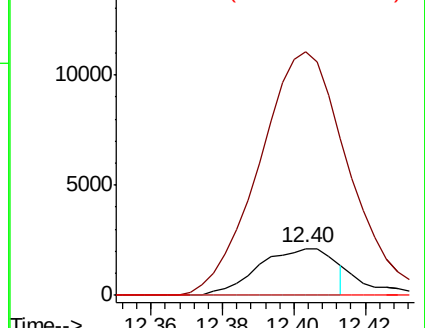
254 0.0 0.1 0.1#



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# 3598

Delta R.T. 0.00 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

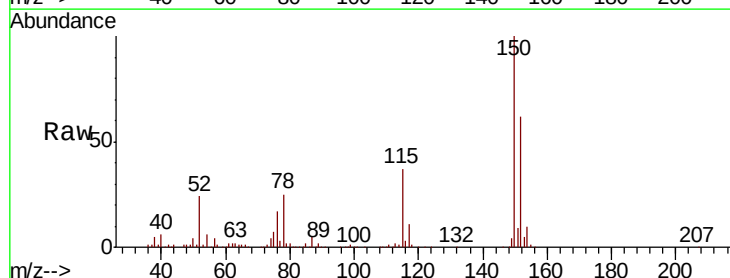
Tgt Ion:152 Resp: 224165

Ion Ratio Lower Upper

152 100

115 57.9 28.5 85.6

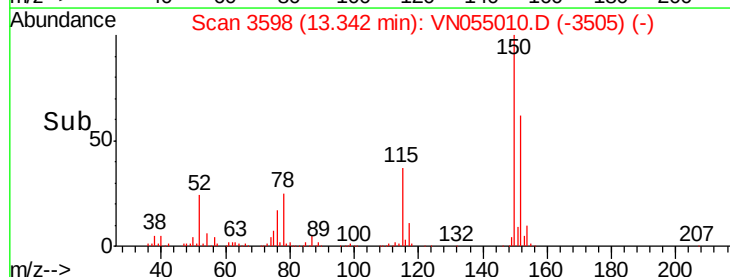
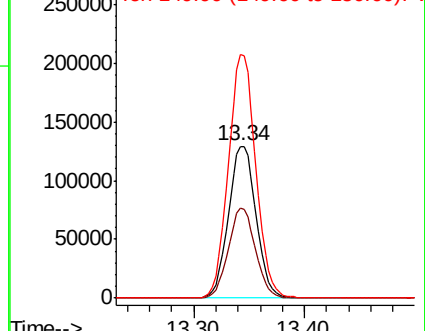
150 159.2 0.0 347.2



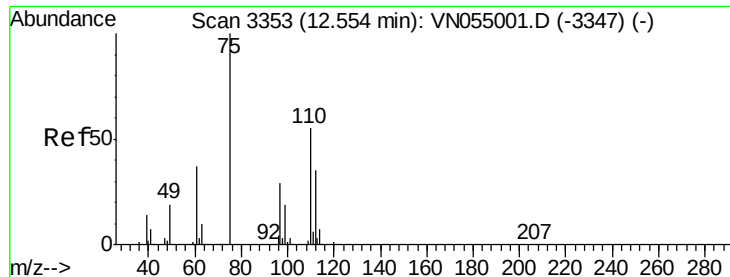
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#76

1,2,3-Trichloropropane

Concen: 36.643 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA\_N

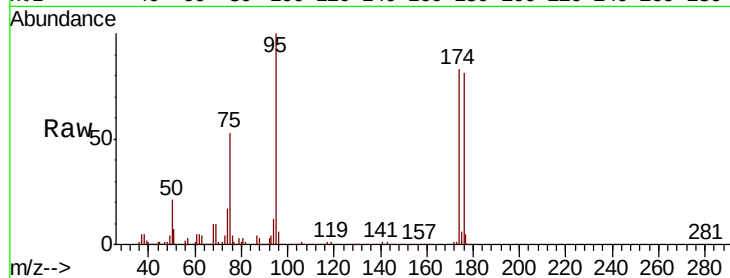
ClientSampleId :

Tot Ion: 75 Resp: 151118

Ion Ratio Lower Upper

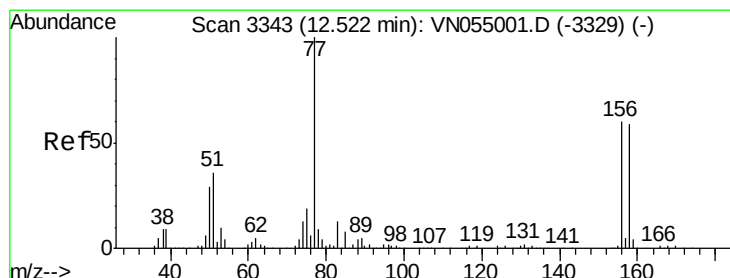
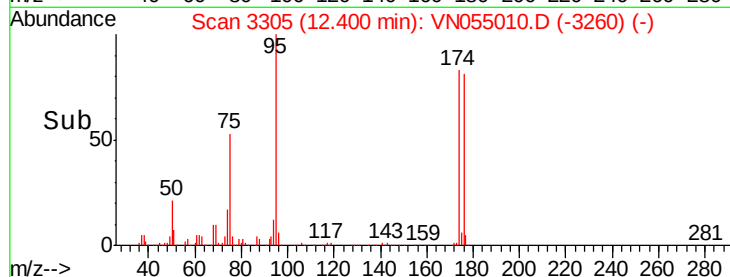
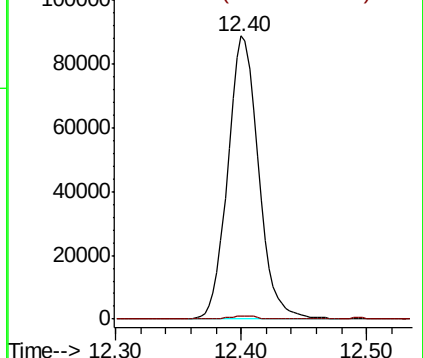
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

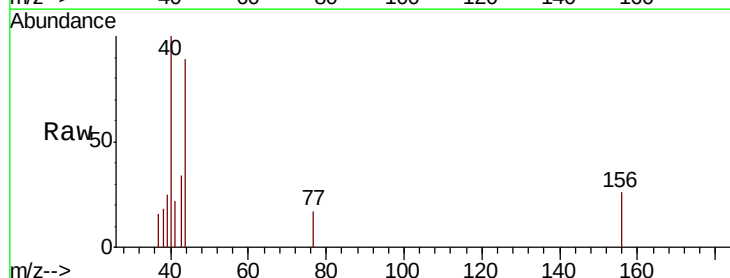
Tgt Ion: 156 Resp: 359

Ion Ratio Lower Upper

156 100

77 0.0 97.2 291.5#

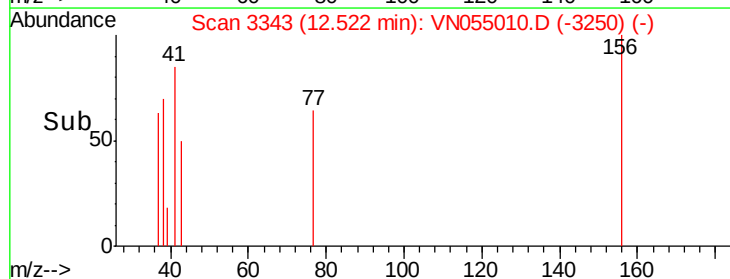
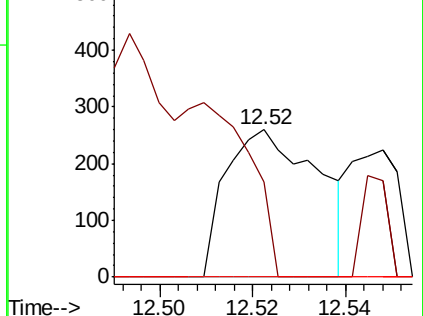
158 0.0 48.6 145.9#

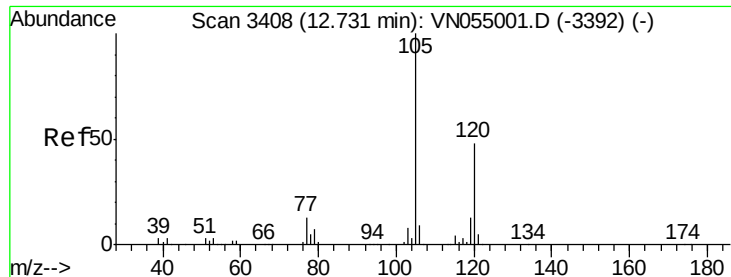


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#80

1,3,5-Trimethylbenzene

Concen: 0.533 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA\_N

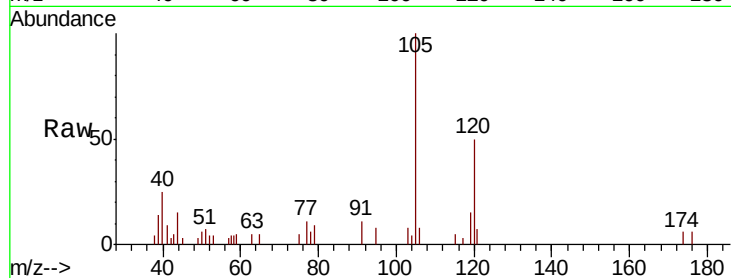
ClientSampleId :

Tot Ion:105 Resp: 8268

Ion Ratio Lower Upper

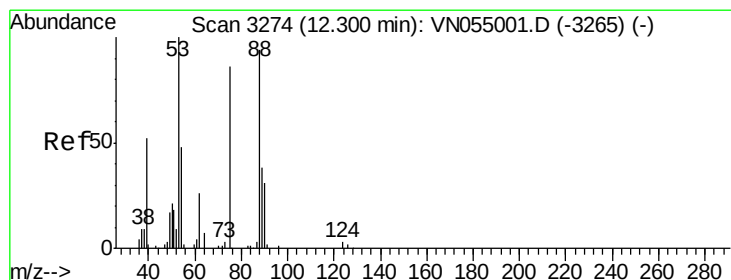
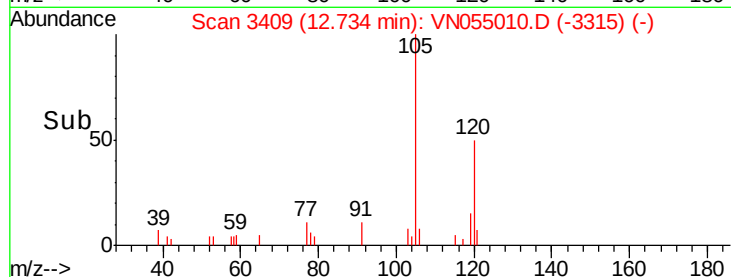
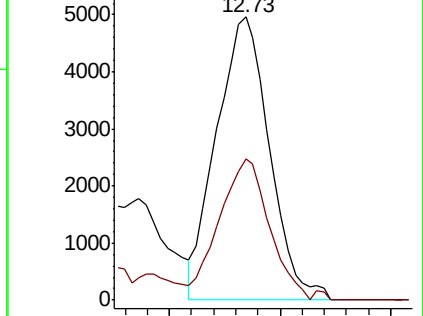
105 100

120 47.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 151.243 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

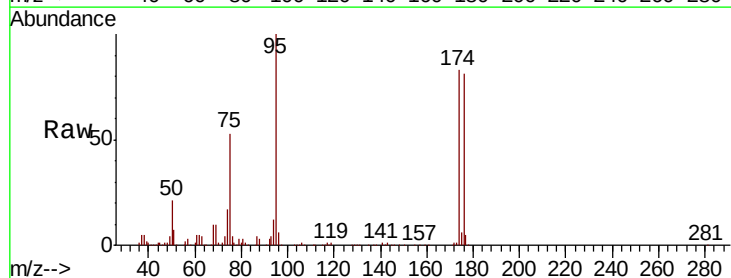
Tgt Ion: 75 Resp: 151118

Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

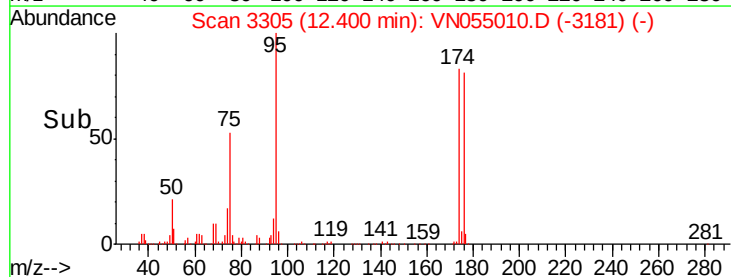
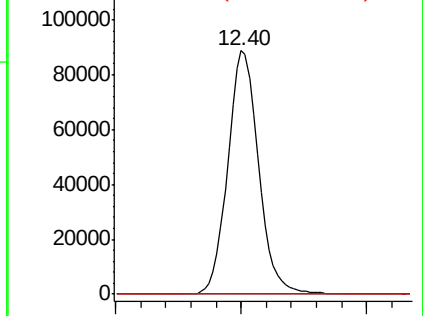
89 0.0 38.6 57.8#

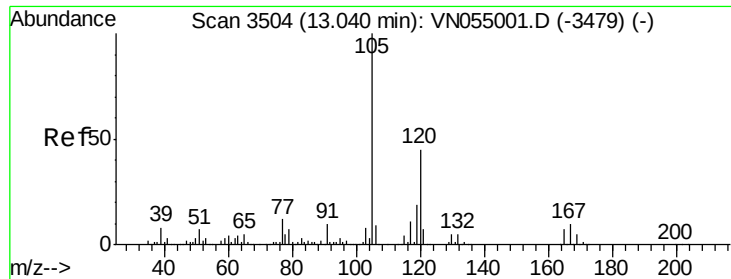


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.795 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA\_N

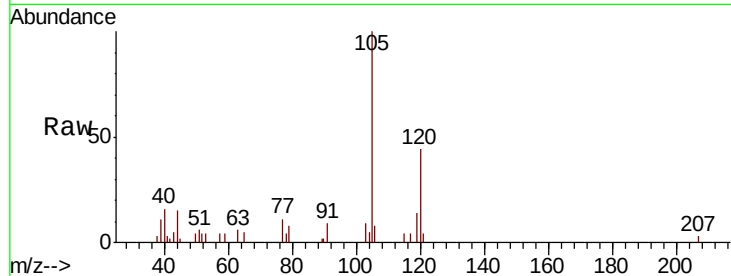
ClientSampled :

Tot Ion:105 Resp: 11823

Ion Ratio Lower Upper

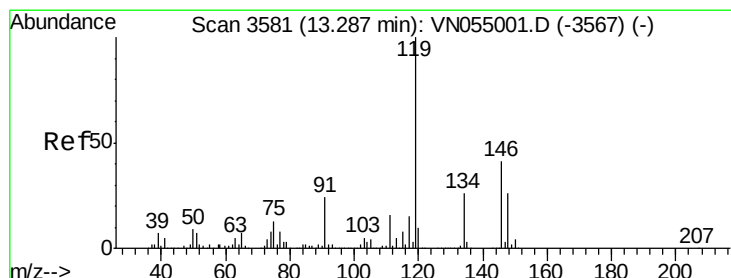
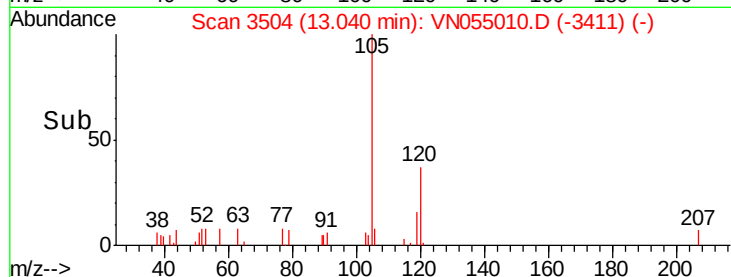
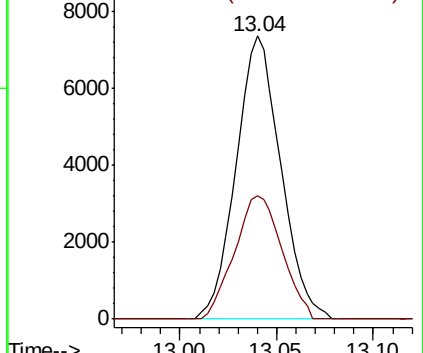
105 100

120 46.1 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 0.202 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

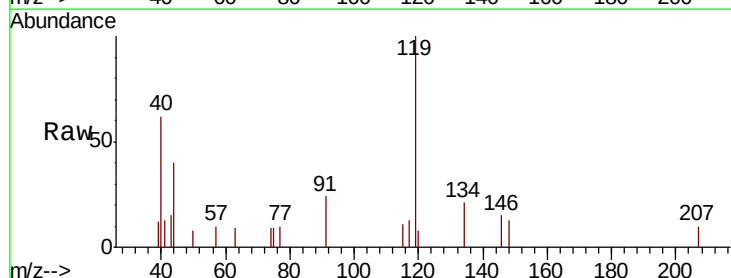
Tgt Ion:119 Resp: 2977

Ion Ratio Lower Upper

119 100

134 21.4 13.2 39.5

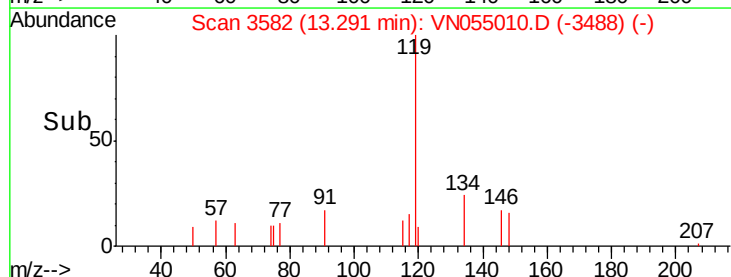
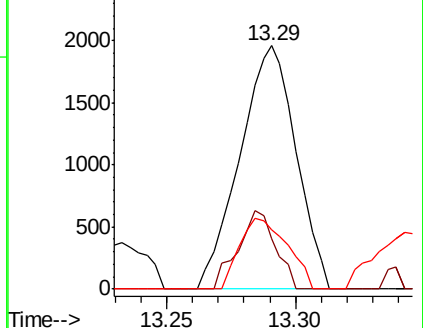
91 24.7 11.7 35.1

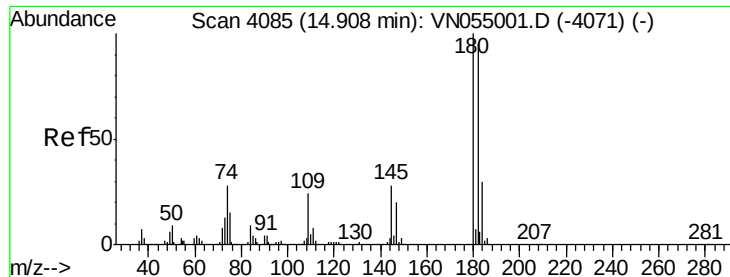


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

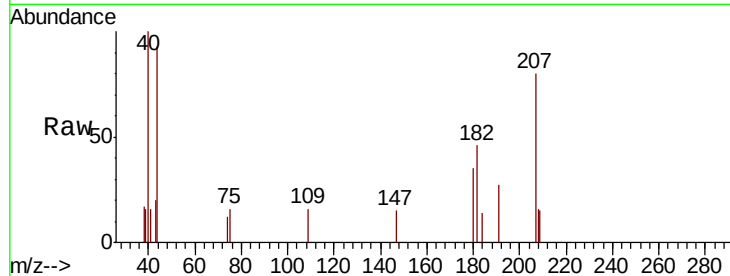




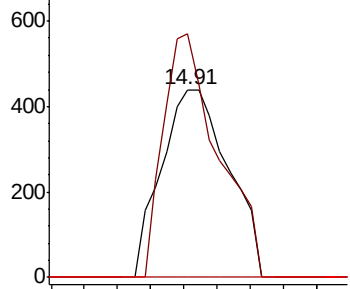
#93  
 1,2,4-Trichlorobenzene  
 Concen: 3.688 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.00 min  
 Lab File: VN055010.D  
 Acq: 12 Apr 2019 20:12

Instrument :  
 MSVOA\_N  
 ClientSampled :

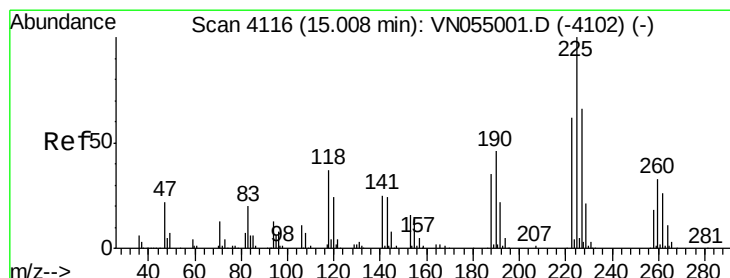
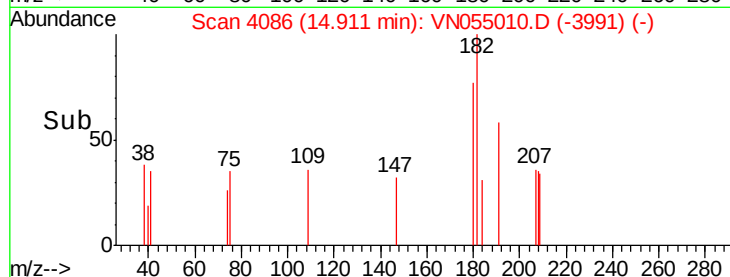
Tot Ion:180 Resp: 621  
 Ion Ratio Lower Upper  
 180 100  
 182 106.4 47.5 142.6  
 145 0.0 14.2 42.8#



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

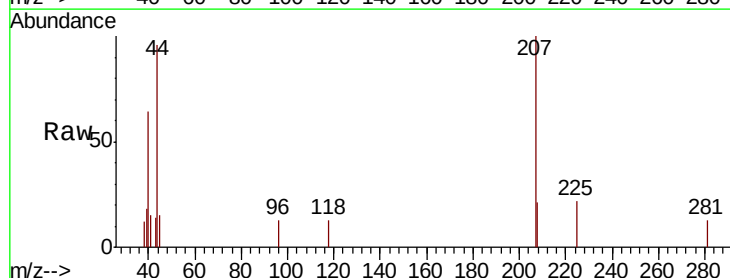


Time-->

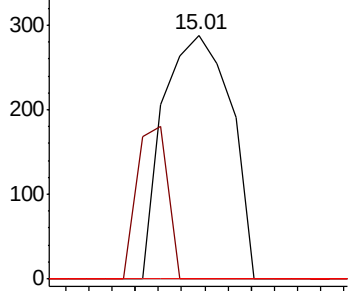


#94  
 Hexachlorobutadiene  
 Concen: Below Cal  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN055010.D  
 Acq: 12 Apr 2019 20:12

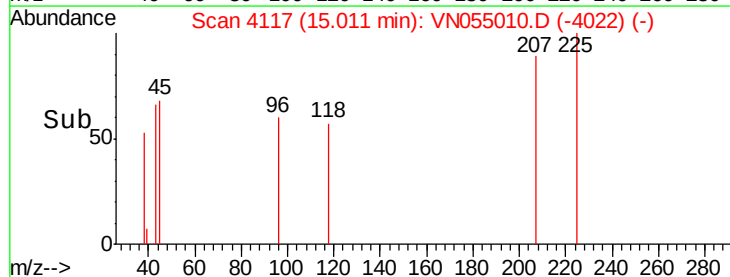
Tgt Ion:225 Resp: 232  
 Ion Ratio Lower Upper  
 225 100  
 223 28.9 31.4 94.0#  
 227 0.0 32.6 97.7#

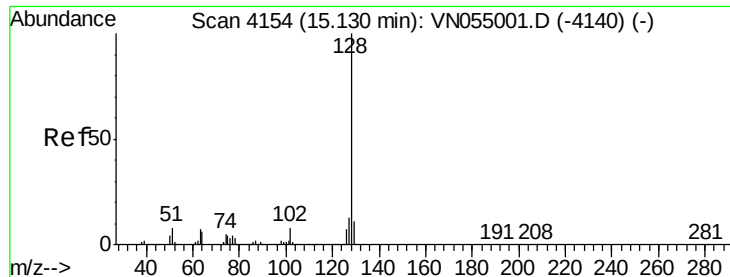


Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 5.630 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA\_N

ClientSampleId :

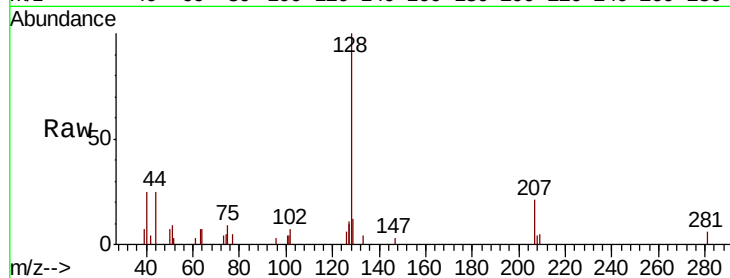
Tot Ion:128 Resp: 9020

Ion Ratio Lower Upper

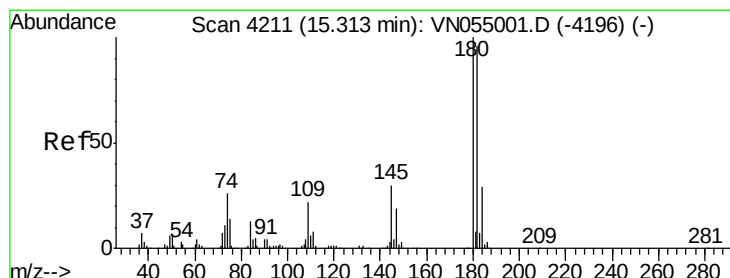
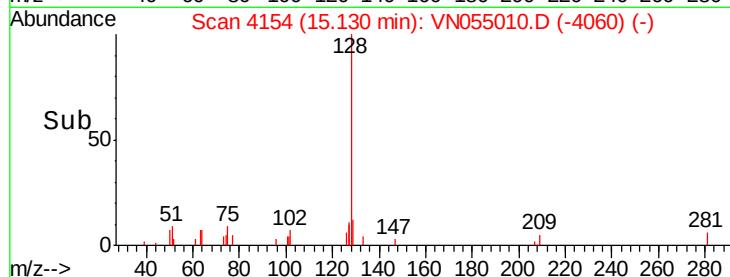
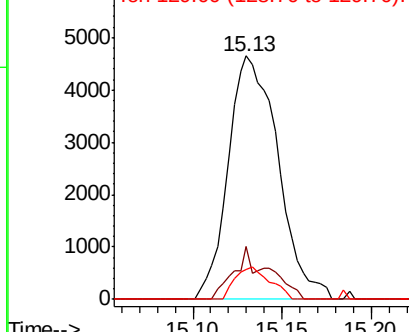
128 100

127 8.7 10.1 15.1#

129 9.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.256 ug/l

RT: 15.32 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

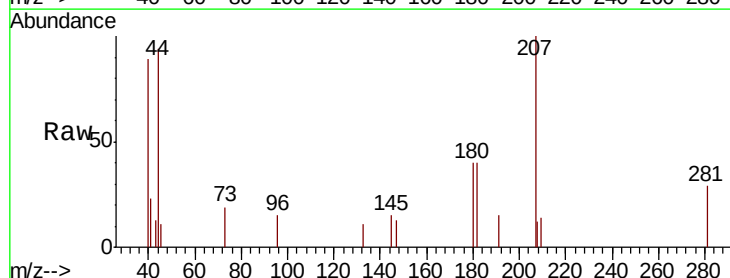
Tgt Ion:180 Resp: 854

Ion Ratio Lower Upper

180 100

182 68.7 48.0 144.0

145 16.2 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

