

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\  
 Data File : VN054240.D  
 Acq On : 14 Mar 2019 4:24  
 Operator : JC/SP  
 Sample : K1869-16  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Mar 14 05:26:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031219W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 13 03:33:31 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1348970  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 2261710  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 2406548  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 1095076  | 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   | 735019   | 51.31 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 102.62% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 690826   | 47.36 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 94.72%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 2843834  | 52.79 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 105.58% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 1110716  | 58.92 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 117.84% |          |

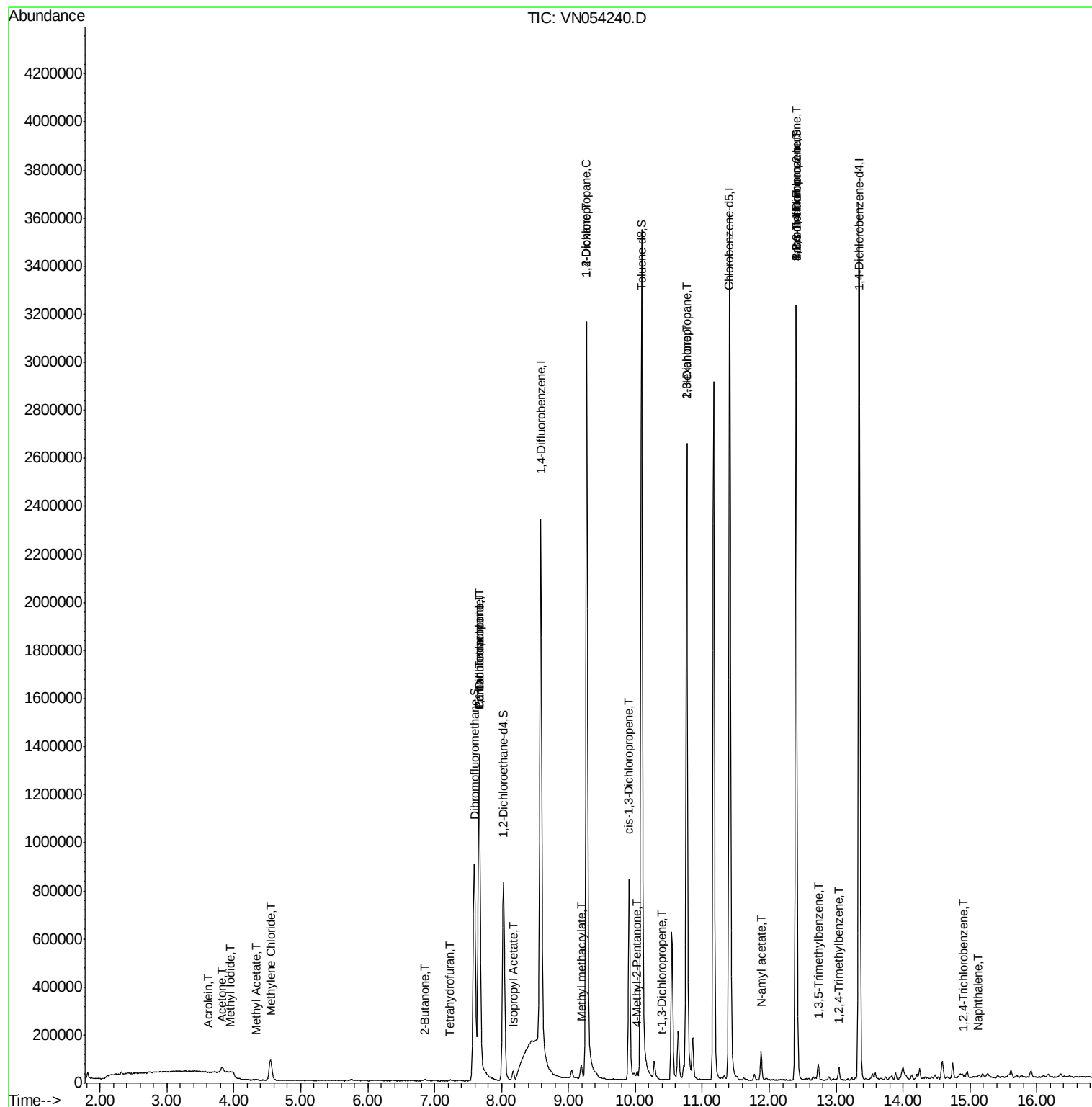
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 10) Methyl Iodide              | 3.94  | 142  | 298      | 1.511     | ug/l # | 42     |
| 13) Acrolein                   | 3.61  | 56   | 402      | 0.432     | ug/l # | 48     |
| 16) Acetone                    | 3.82  | 43   | 32622    | 7.953     | ug/l   | 98     |
| 18) Methyl Acetate             | 4.34  | 43   | 2183     | 0.263     | ug/l # | 74     |
| 20) Methylene Chloride         | 4.54  | 84   | 66687    | 4.951     | ug/l   | 92     |
| 25) 2-Butanone                 | 6.86  | 43   | 3460     | 0.719     | ug/l   | 94     |
| 29) Tetrahydrofuran            | 7.22  | 42   | 1648     | 0.532     | ug/l # | 57     |
| 31) Cyclohexane                | 7.67  | 56   | 20650    | Below Cal | #      | 10     |
| 36) 1,1-Dichloropropene        | 7.67  | 75   | 77340    | 3.713     | ug/l # | 48     |
| 38) Carbon Tetrachloride       | 7.66  | 117  | 108324   | 4.959     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 42452    | 2.021     | ug/l   | 99     |
| 45) 1,2-Dichloropropane        | 9.27  | 63   | 4551     | 0.308     | ug/l # | 43     |
| 48) Methyl methacrylate        | 9.18  | 41   | 19290    | 1.809     | ug/l # | 11     |
| 49) 1,4-Dioxane                | 9.27  | 88   | 411      | 2.726     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 10.03 | 43   | 18571    | 1.671     | ug/l # | 36     |
| 53) t-1,3-Dichloropropene      | 10.39 | 75   | 300      | 1.998     | ug/l # | 1      |
| 54) cis-1,3-Dichloropropene    | 9.91  | 75   | 169246   | 7.245     | ug/l # | 61     |
| 57) 1,3-Dichloropropane        | 10.77 | 76   | 31960    | 1.416     | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.77 | 43   | 397368   | 53.719    | ug/l # | 50     |
| 71) Bromoform                  | 12.40 | 173  | 7513     | 2.840     | ug/l # | 1      |
| 74) N-amyl acetate             | 11.88 | 43   | 37078    | 1.907     | ug/l # | 53     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 534868   | 33.214    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 35046    | 0.481     | ug/l   | 98     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 534868   | 113.541   | ug/l # | 11     |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 29561    | 0.413     | ug/l   | 97     |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180  | 862      | 2.552     | ug/l # | 52     |
| 95) Naphthalene                | 15.13 | 128  | 9442     | 3.653     | ug/l # | 86     |

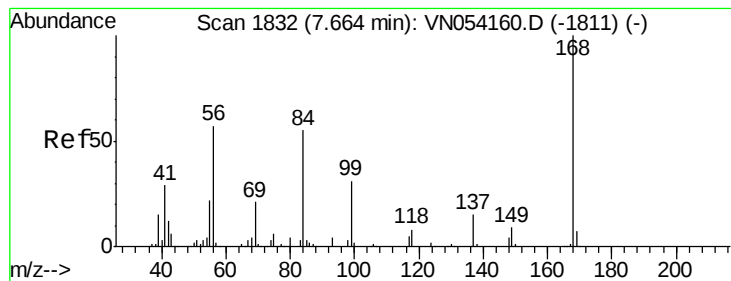
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031319\  
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Sample : K1869-16  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 44 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Mar 14 05:26:54 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N031219W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 13 03:33:31 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: VN054240.D

Acq: 14 Mar 2019 4:24

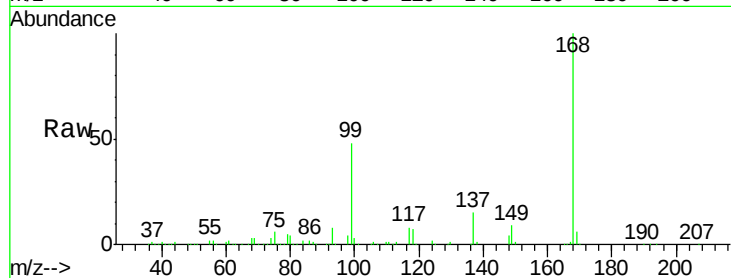
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 1348970

Ion Ratio Lower Upper

168 100

99 48.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

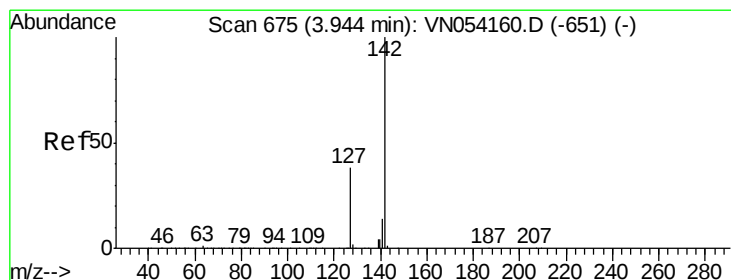
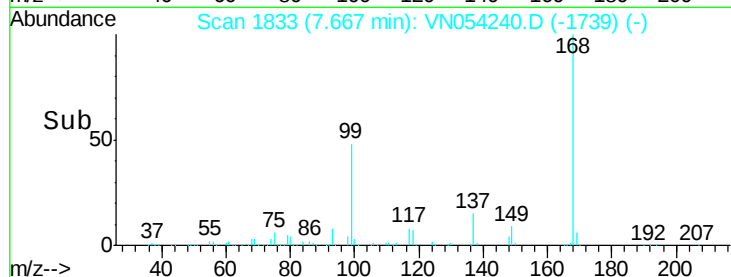
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#10

Methyl Iodide

Concen: 1.511 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN054240.D

Acq: 14 Mar 2019 4:24

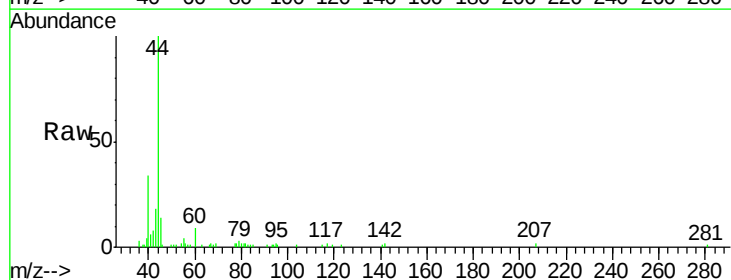
Tgt Ion:142 Resp: 298

Ion Ratio Lower Upper

142 100

127 49.3 30.3 45.5#

141 79.9 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.94

400

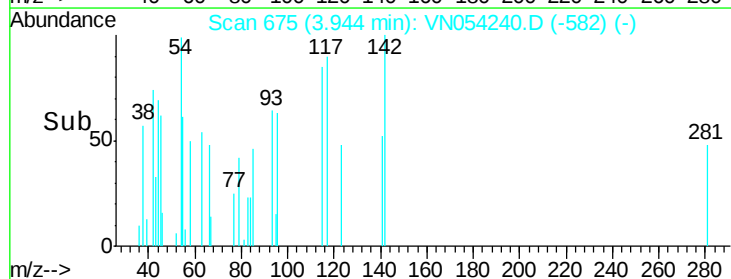
300

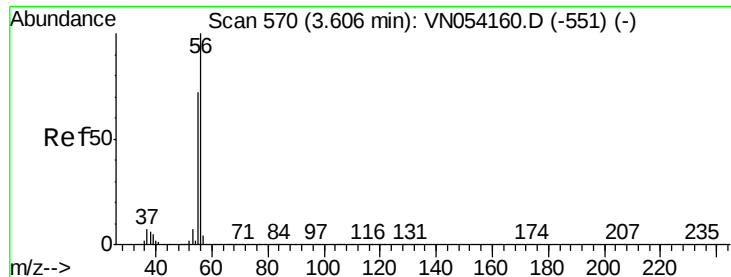
200

100

0

Time--> 3.92 3.94 3.96





#13

Acrolein

Concen: 0.432 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054240.D

Acq: 14 Mar 2019 4:24

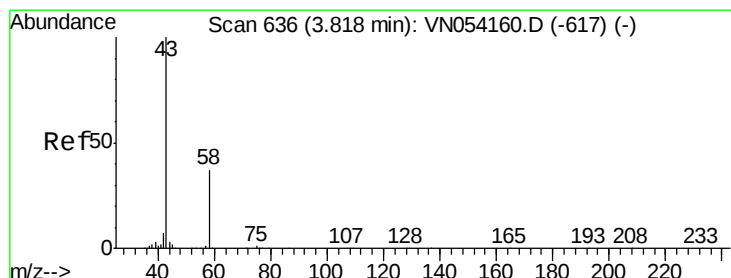
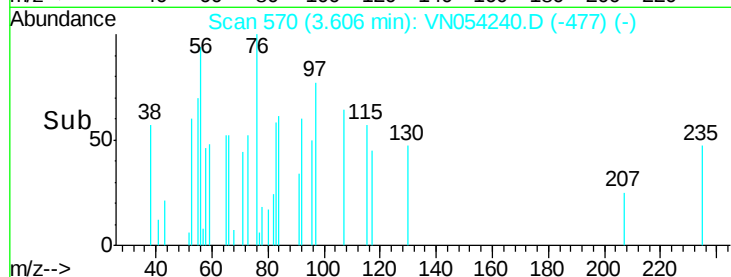
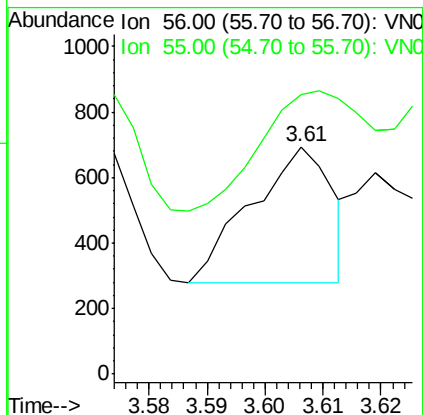
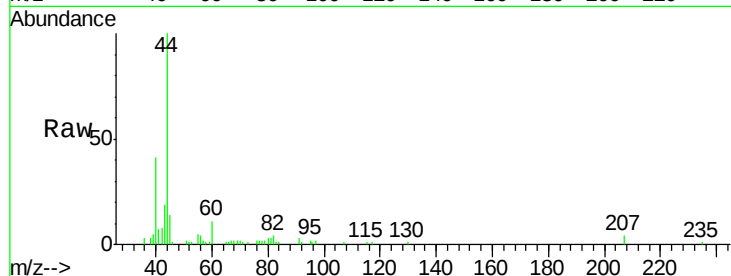
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 402

Ion Ratio Lower Upper

56 100

55 114.2 56.7 85.1#



#16

Acetone

Concen: 7.953 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054240.D

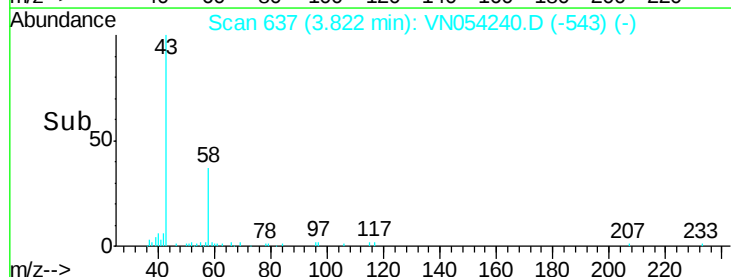
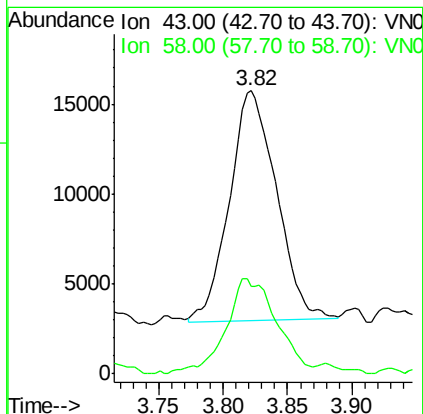
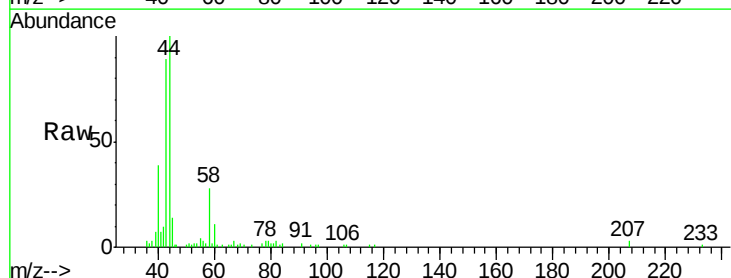
Acq: 14 Mar 2019 4:24

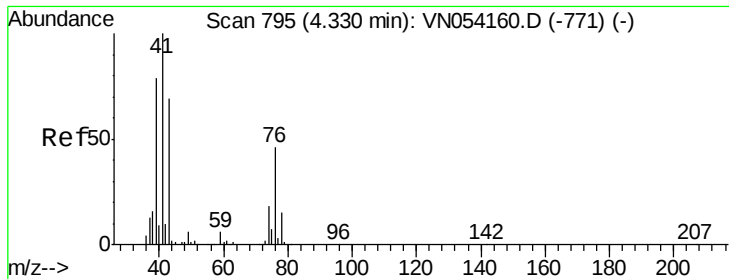
Tgt Ion: 43 Resp: 32622

Ion Ratio Lower Upper

43 100

58 36.4 29.9 44.9

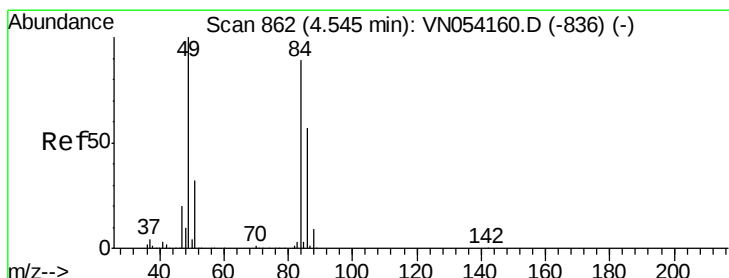
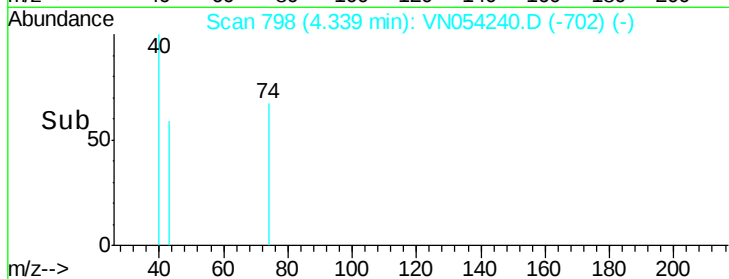
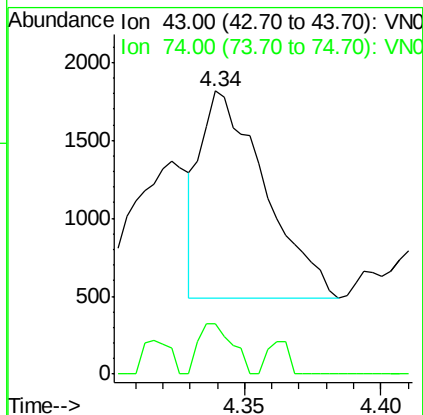
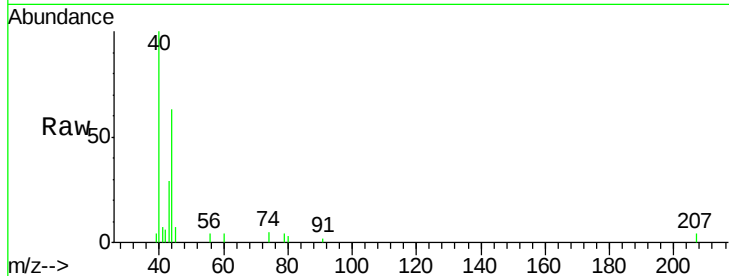




#18  
Methyl Acetate  
Concen: 0.263 ug/l  
RT: 4.34 min Scan# 798  
Delta R.T. 0.01 min  
Lab File: VN054240.D  
Acq: 14 Mar 2019 4:24

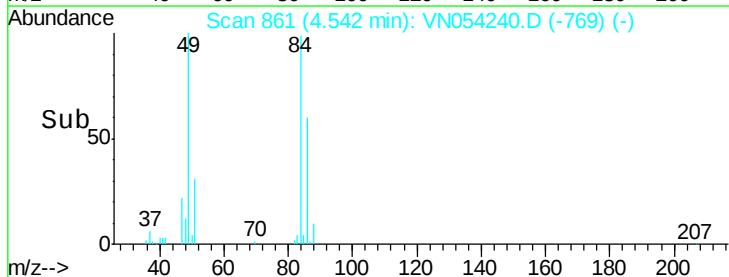
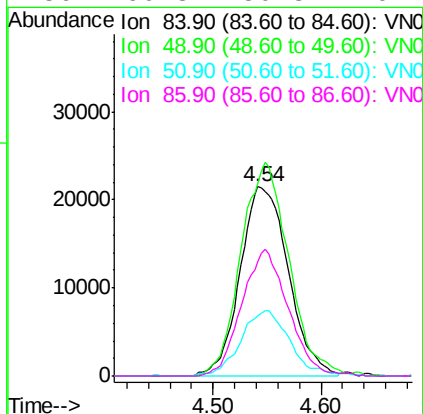
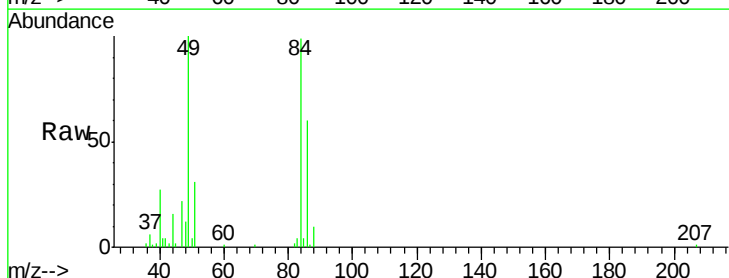
Instrument :  
MSVOA\_N  
ClientSampled :

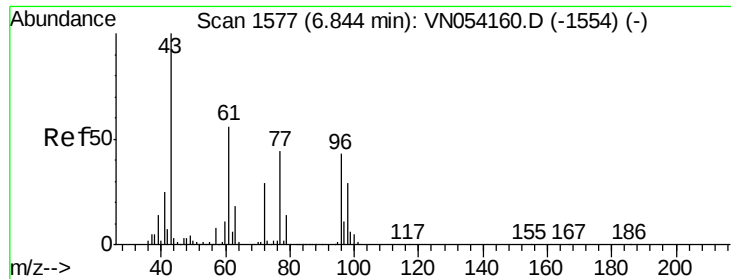
Tot Ion: 43 Resp: 2183  
Ion Ratio Lower Upper  
43 100  
74 12.8 20.8 31.2#



#20  
Methylene Chloride  
Concen: 4.951 ug/l  
RT: 4.54 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: VN054240.D  
Acq: 14 Mar 2019 4:24

Tgt Ion: 84 Resp: 66687  
Ion Ratio Lower Upper  
84 100  
49 101.3 89.7 134.5  
51 31.6 28.2 42.4  
86 60.3 50.8 76.2

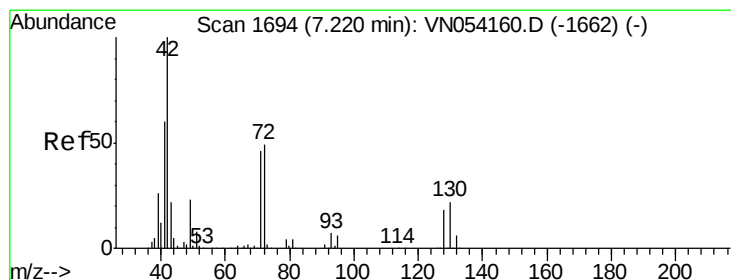
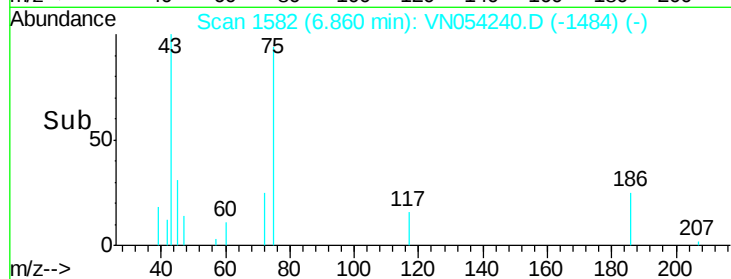
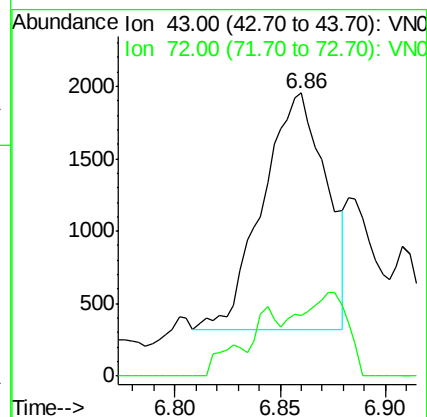
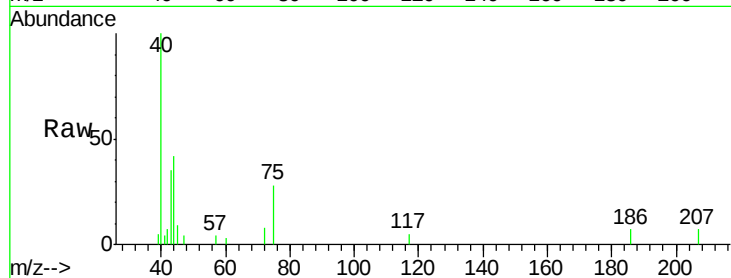




#25  
2-Butanone  
Concen: 0.719 ug/l  
RT: 6.86 min Scan# 1582  
Delta R.T. 0.02 min  
Lab File: VN054240.D  
Acq: 14 Mar 2019 4:24

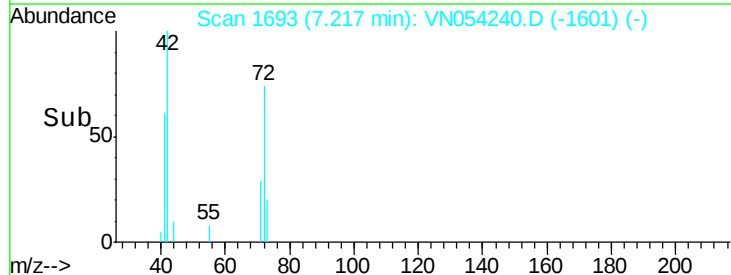
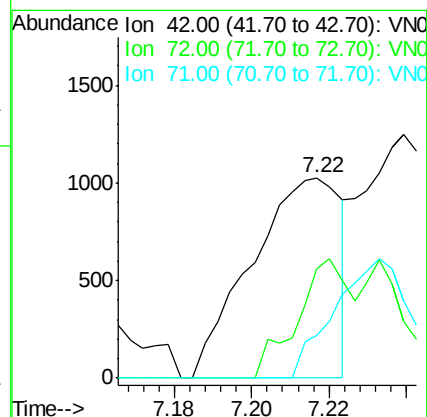
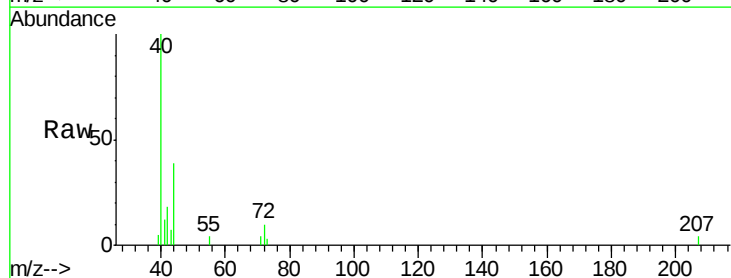
Instrument :  
MSVOA\_N  
ClientSampled :

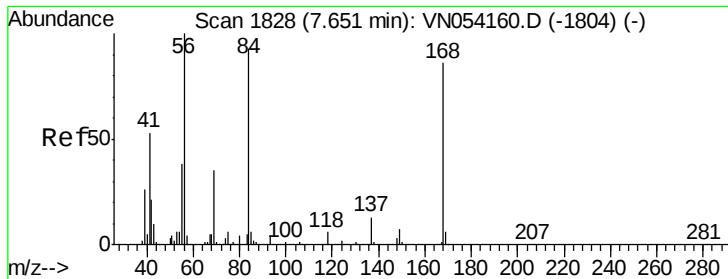
Tot Ion: 43 Resp: 3460  
Ion Ratio Lower Upper  
43 100  
72 25.8 23.0 34.6



#29  
Tetrahydrofuran  
Concen: 0.532 ug/l  
RT: 7.22 min Scan# 1693  
Delta R.T. -0.00 min  
Lab File: VN054240.D  
Acq: 14 Mar 2019 4:24

Tgt Ion: 42 Resp: 1648  
Ion Ratio Lower Upper  
42 100  
72 35.4 37.8 56.6#  
71 0.0 36.2 54.2#

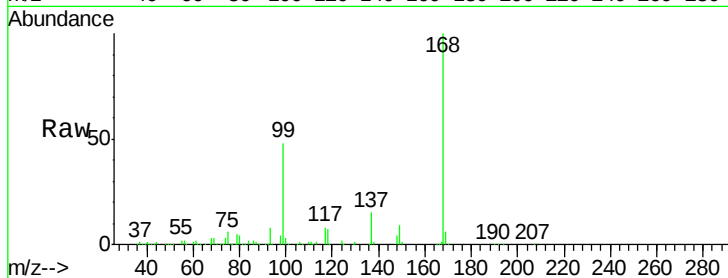




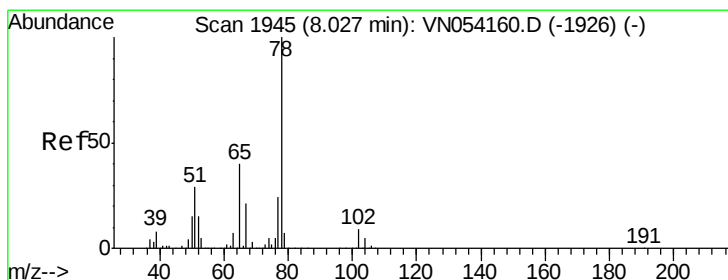
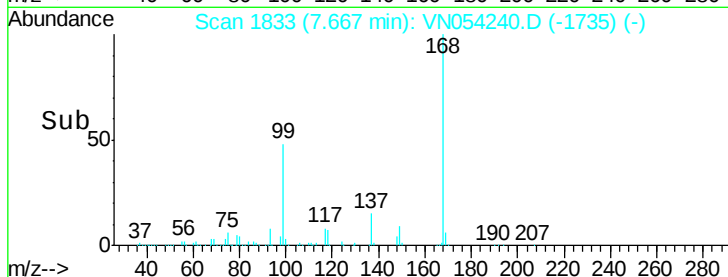
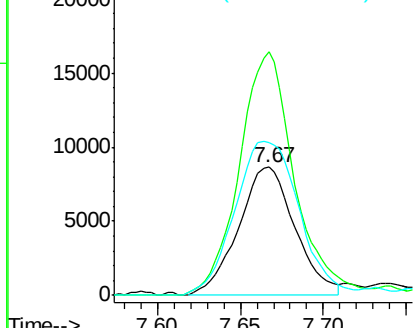
#31  
Cyclohexane  
Concen: Below Cal  
RT: 7.67 min Scan# 1833  
Delta R.T. 0.02 min  
Lab File: VN054240.D  
Acq: 14 Mar 2019 4:24

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 20650  
Ion Ratio Lower Upper  
56 100  
69 188.2 27.8 41.6#  
84 117.5 74.6 111.8#

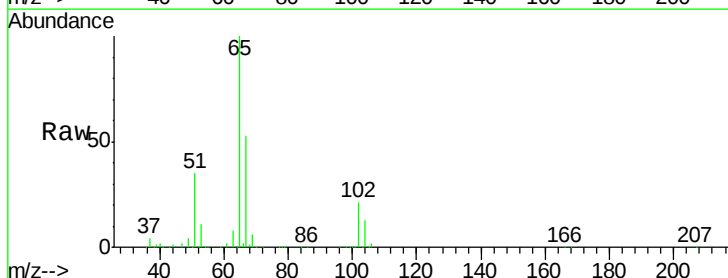


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

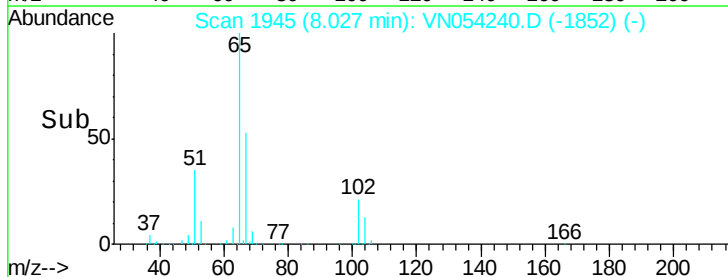
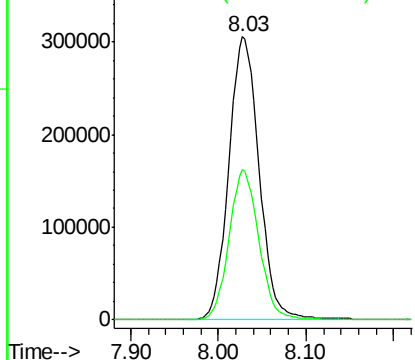


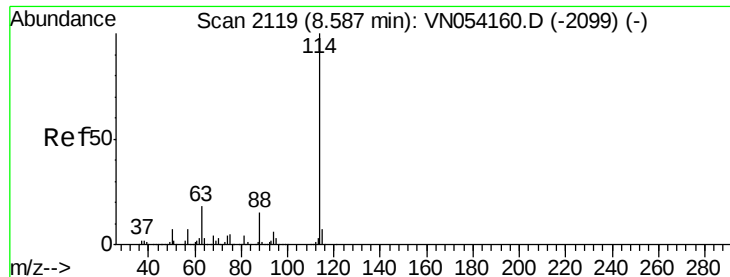
#33  
1,2-Dichloroethane-d4  
Concen: 51.306 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. 0.00 min  
Lab File: VN054240.D  
Acq: 14 Mar 2019 4:24

Tgt Ion: 65 Resp: 735019  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0  
Ion 66.90 (66.60 to 67.60): VN0

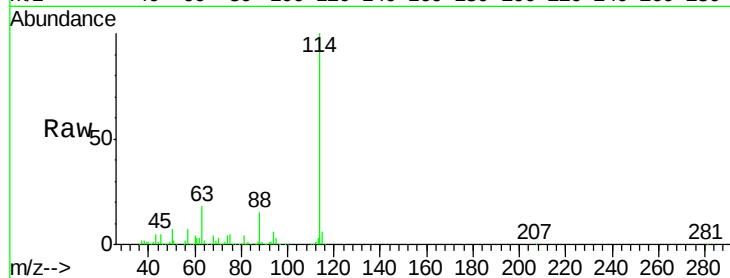




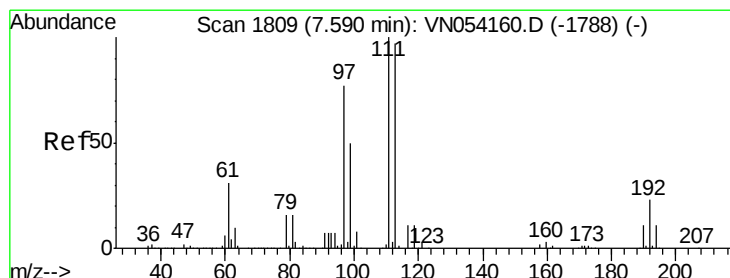
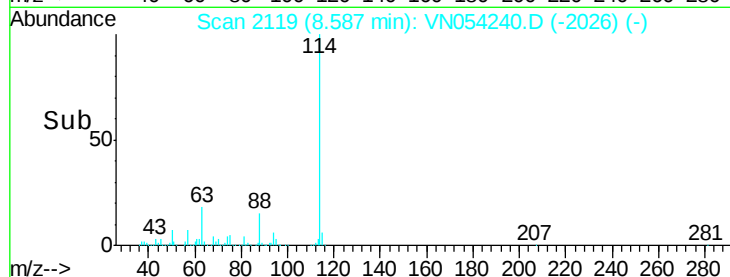
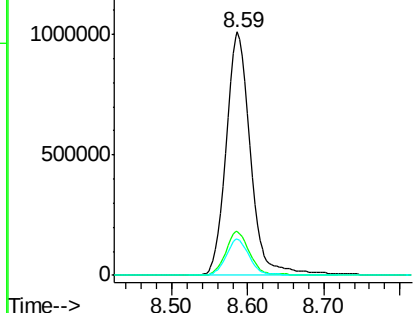
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN054240.D  
 Acq: 14 Mar 2019 4:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:114 Resp: 2261710  
 Ion Ratio Lower Upper  
 114 100  
 63 17.8 0.0 35.2  
 88 14.8 0.0 30.2

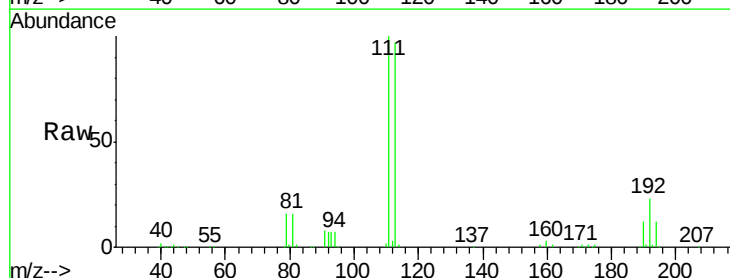


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): V  
 Ion 87.90 (87.60 to 88.60): V

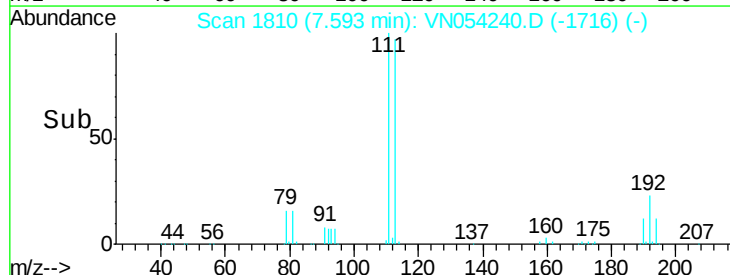
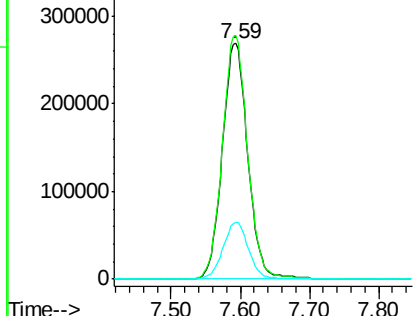


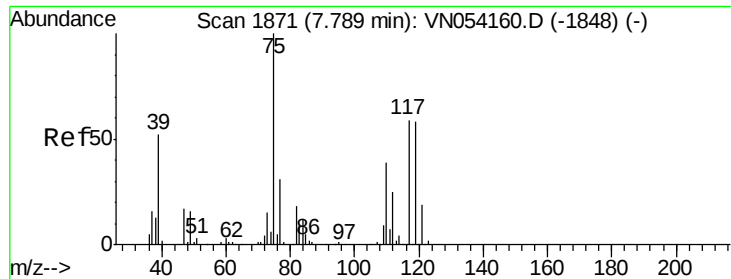
#35  
 Dibromofluoromethane  
 Concen: 47.359 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN054240.D  
 Acq: 14 Mar 2019 4:24

Tgt Ion:113 Resp: 690826  
 Ion Ratio Lower Upper  
 113 100  
 111 102.5 82.2 123.4  
 192 24.0 19.2 28.8



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: 3.713 ug/l

RT: 7.67 min Scan# 1833

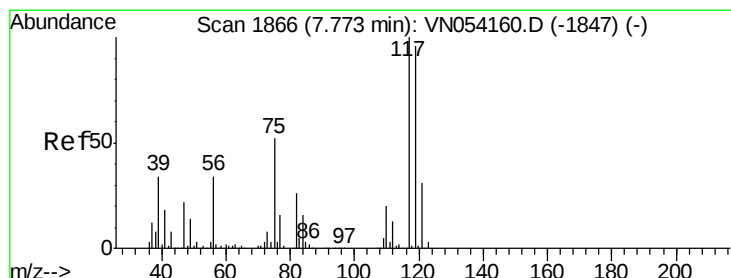
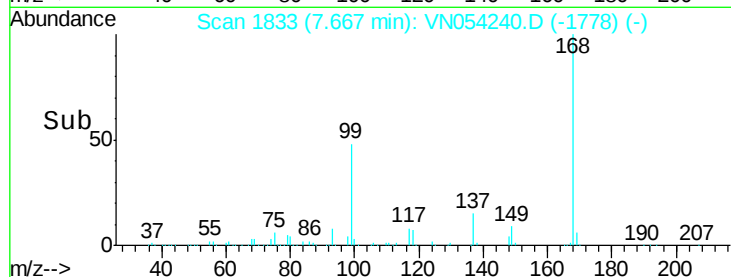
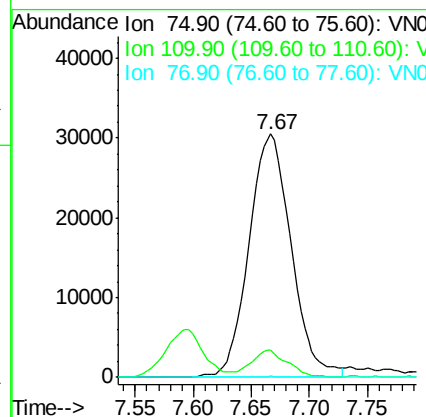
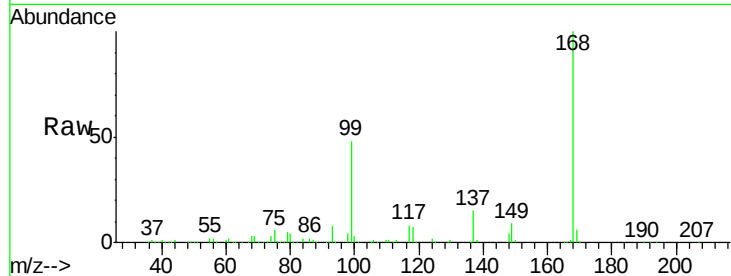
Delta R.T. -0.12 min

Lab File: VN054240.D

Acq: 14 Mar 2019 4:24

Instrument :  
MSVOA\_N  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 77340 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 9.6   | 19.1  | 57.5# |
| 77       | 0.0   | 25.0  | 37.4# |



#38

Carbon Tetrachloride

Concen: 4.959 ug/l

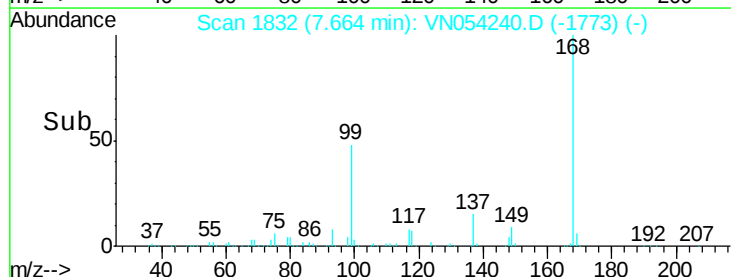
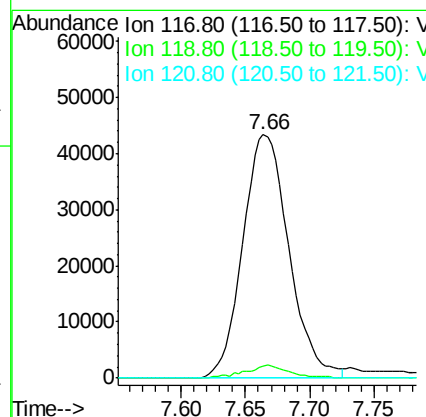
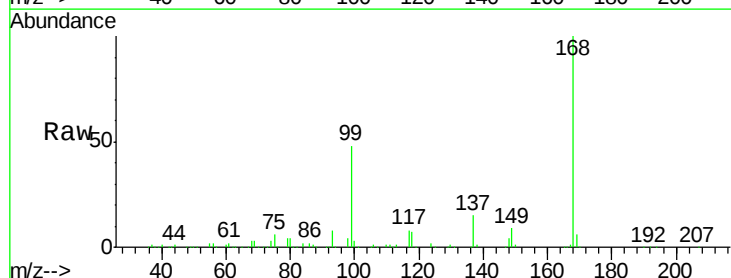
RT: 7.66 min Scan# 1832

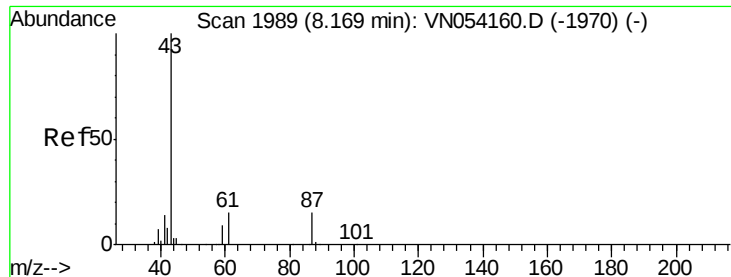
Delta R.T. -0.11 min

Lab File: VN054240.D

Acq: 14 Mar 2019 4:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 108324 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 5.1   | 76.3  | 114.5# |
| 121      | 0.0   | 24.6  | 36.8#  |





#43

Isopropyl Acetate

Concen: 2.021 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054240.D

Acq: 14 Mar 2019 4:24

Instrument :  
MSVOA\_N  
ClientSampled :

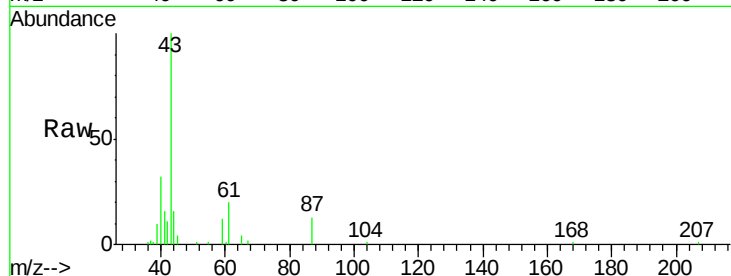
Tot Ion: 43 Resp: 42452

Ion Ratio Lower Upper

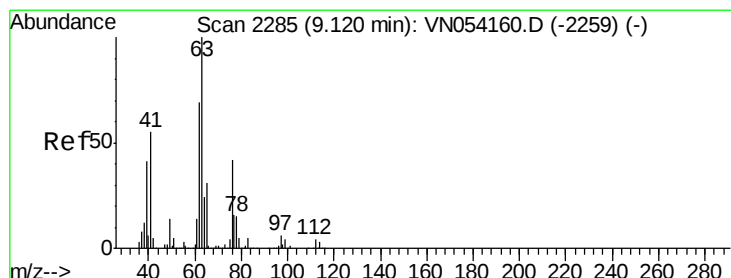
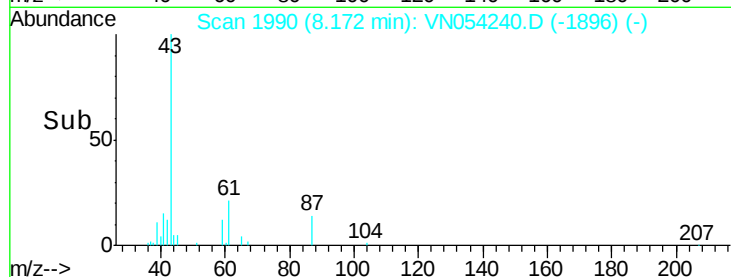
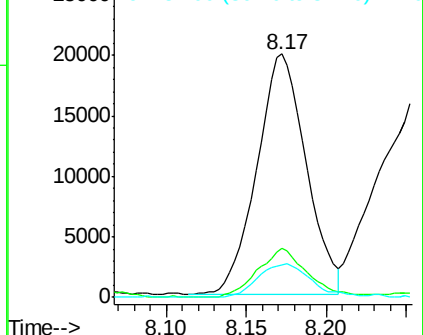
43 100

61 20.3 15.8 23.8

87 15.0 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VNO  
Ion 61.00 (60.70 to 61.70): VNO  
Ion 87.00 (86.70 to 87.70): VNO



#45

1,2-Dichloropropane

Concen: 0.308 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN054240.D

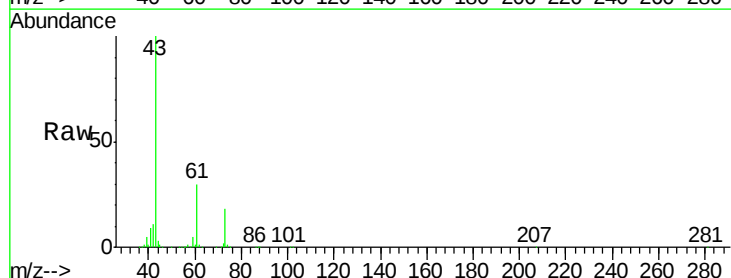
Acq: 14 Mar 2019 4:24

Tgt Ion: 63 Resp: 4551

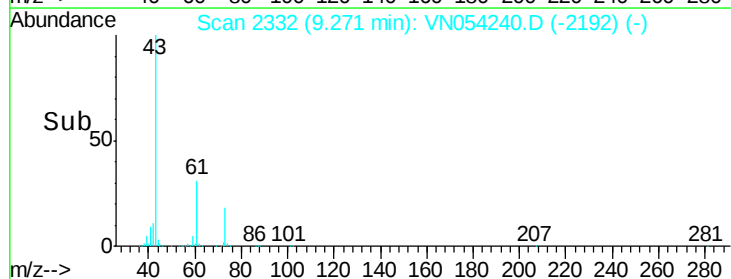
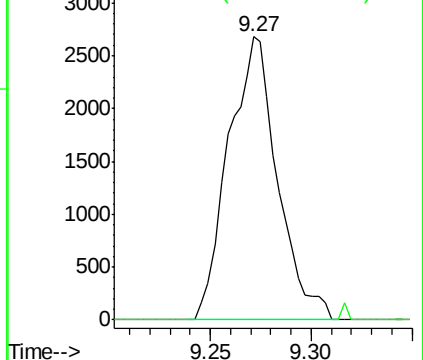
Ion Ratio Lower Upper

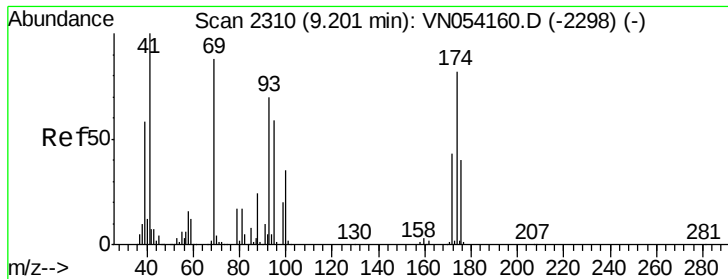
63 100

65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VNO  
Ion 64.90 (64.60 to 65.60): VNO

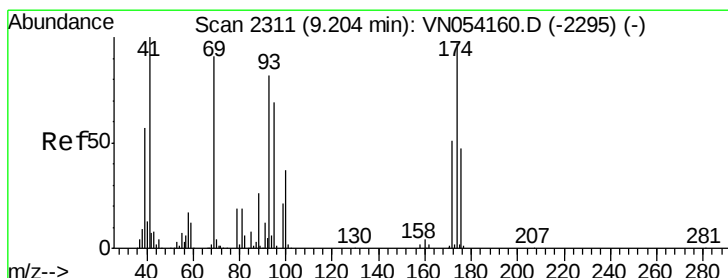
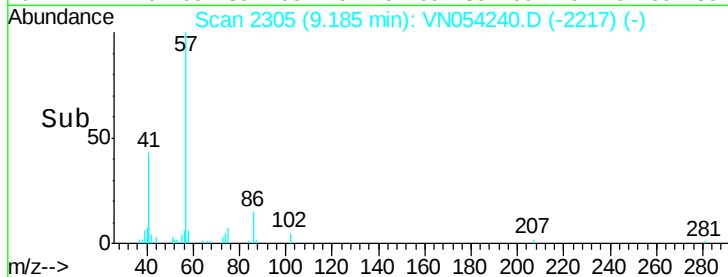
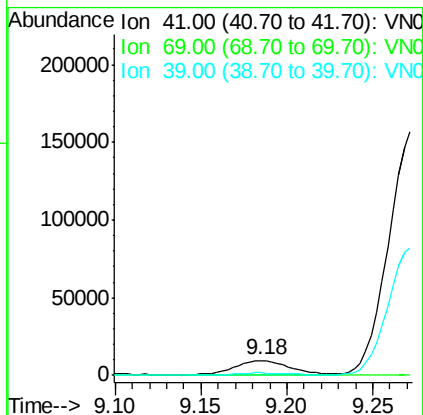
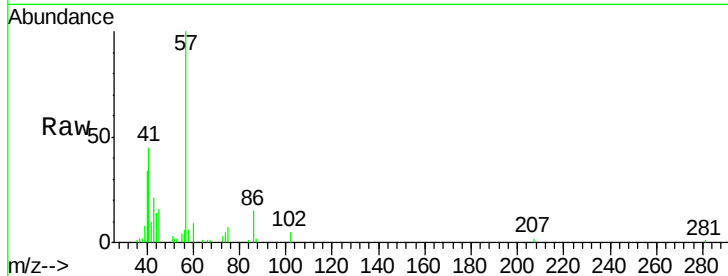




#48  
Methvl methacrvlate  
Concen: 1.809 ug/l  
RT: 9.18 min Scan# 2305  
Delta R.T. -0.02 min  
Lab File: VN054240.D  
Acq: 14 Mar 2019 4:24

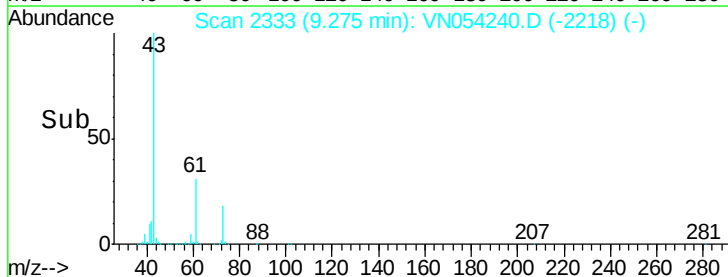
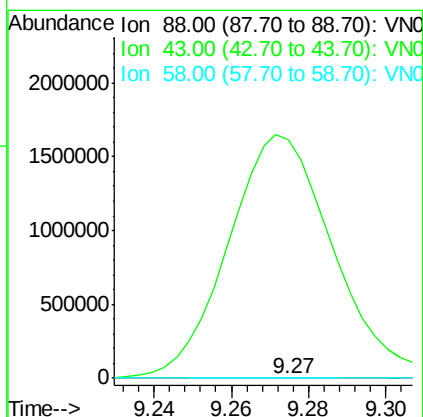
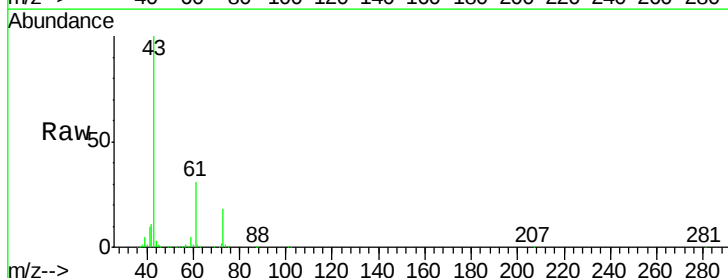
Instrument :  
MSVOA\_N  
ClientSampled :

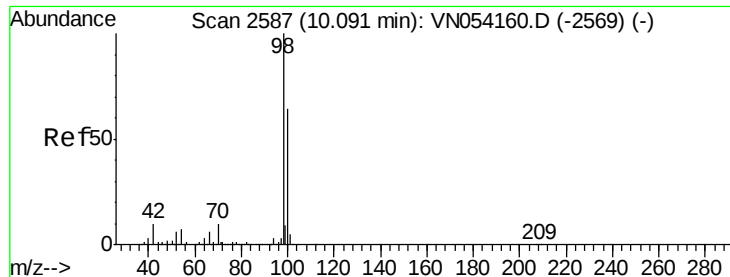
Tot Ion: 41 Resp: 19290  
Ion Ratio Lower Upper  
41 100  
69 0.3 72.6 108.8#  
39 0.0 47.5 71.3#



#49  
1,4-Dioxane  
Concen: 2.726 ug/l  
RT: 9.27 min Scan# 2333  
Delta R.T. 0.07 min  
Lab File: VN054240.D  
Acq: 14 Mar 2019 4:24

Tgt Ion: 88 Resp: 411  
Ion Ratio Lower Upper  
88 100  
43 799379.6 24.1 36.1#  
58 3322.1 50.8 76.2#





#50

Toluene-d8

Concen: 52.788 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054240.D

Acq: 14 Mar 2019 4:24

Instrument :

MSVOA\_N

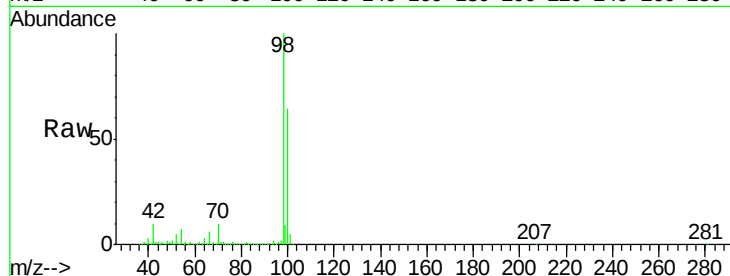
ClientSampleId :

Tot Ion: 98 Resp: 2843834

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054160.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054160.D (-2569) (-)

10.09

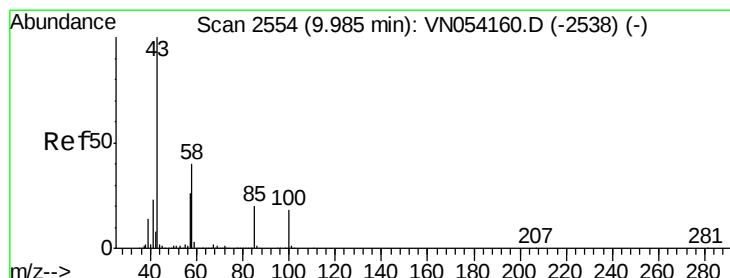
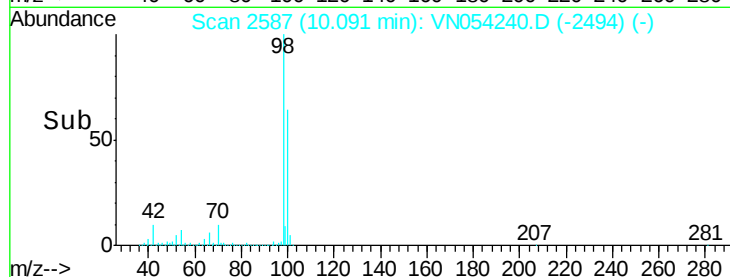
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.671 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054240.D

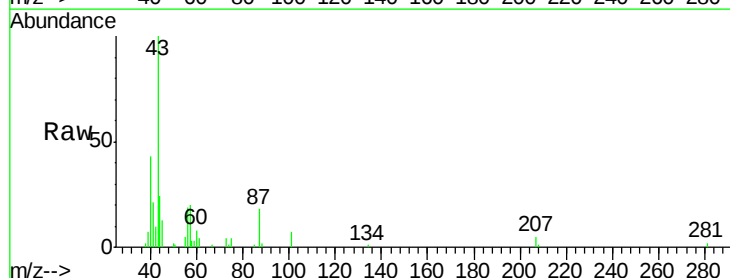
Acq: 14 Mar 2019 4:24

Tgt Ion: 43 Resp: 18571

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN054160.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN054160.D (-2538) (-)

10.03

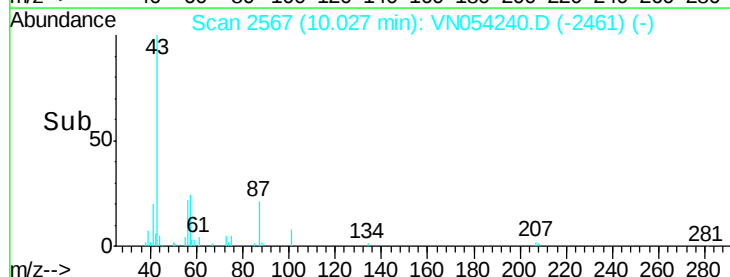
15000

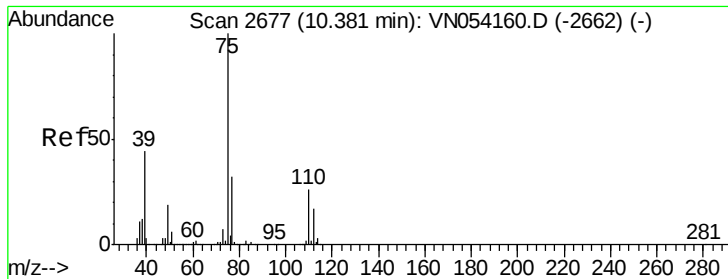
10000

5000

0

Time-->

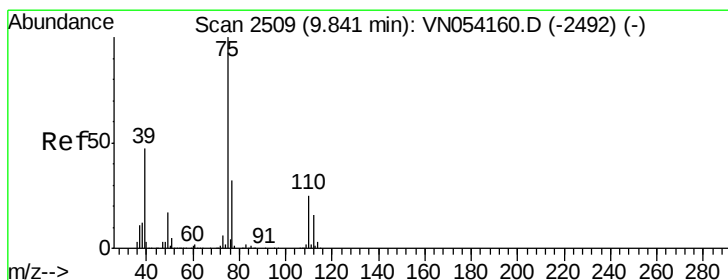
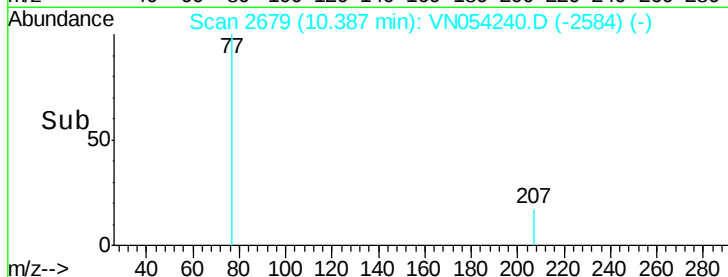
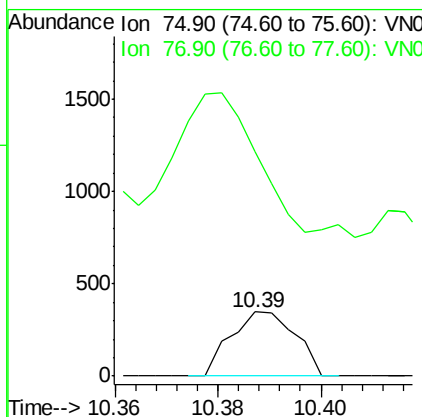
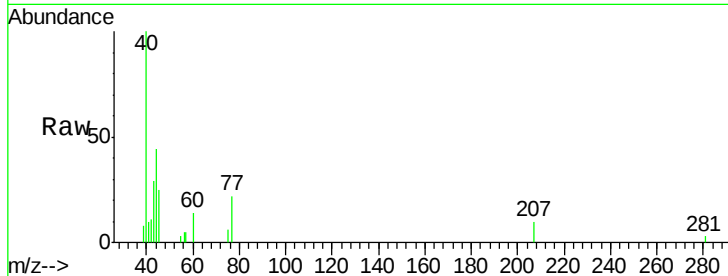




#53  
t-1,3-Dichloropropene  
Concen: 1.998 ug/l  
RT: 10.39 min Scan# 2679  
Delta R.T. 0.01 min  
Lab File: VN054240.D  
Acq: 14 Mar 2019 4:24

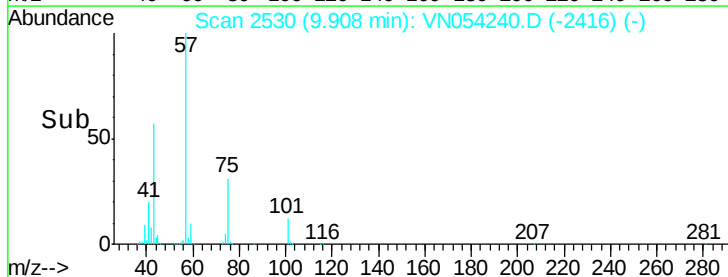
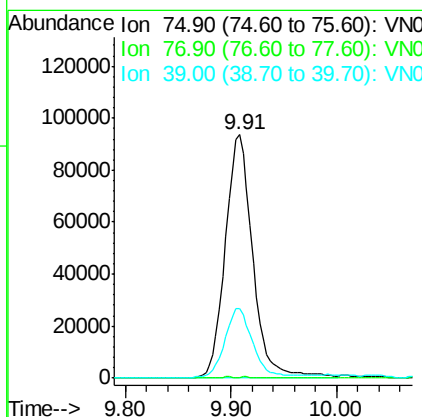
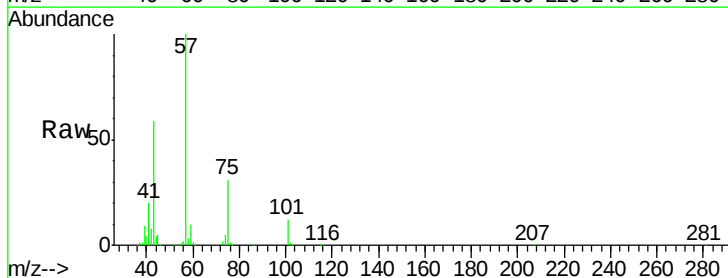
Instrument :  
MSVOA\_N  
ClientSampleId :

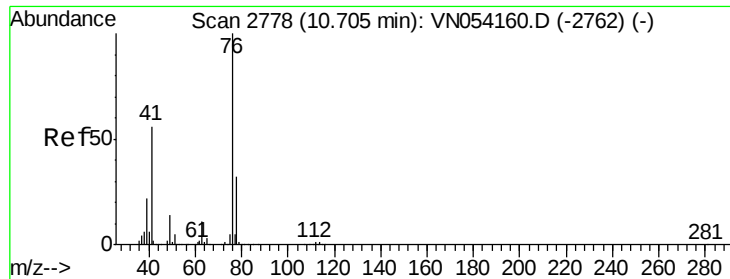
Tot Ion: 75 Resp: 300  
Ion Ratio Lower Upper  
75 100  
77 113.2 25.8 38.8#



#54  
cis-1,3-Dichloropropene  
Concen: 7.245 ug/l  
RT: 9.91 min Scan# 2530  
Delta R.T. 0.07 min  
Lab File: VN054240.D  
Acq: 14 Mar 2019 4:24

Tgt Ion: 75 Resp: 169246  
Ion Ratio Lower Upper  
75 100  
77 0.4 25.4 38.0#  
39 28.4 37.2 55.8#

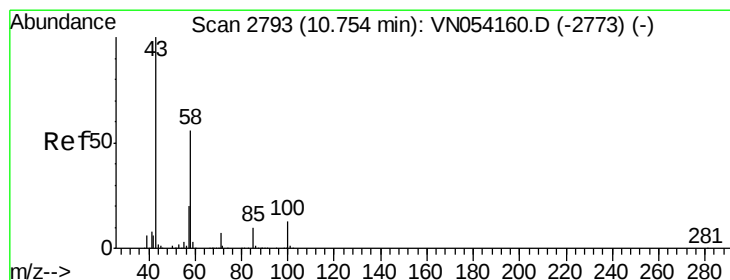
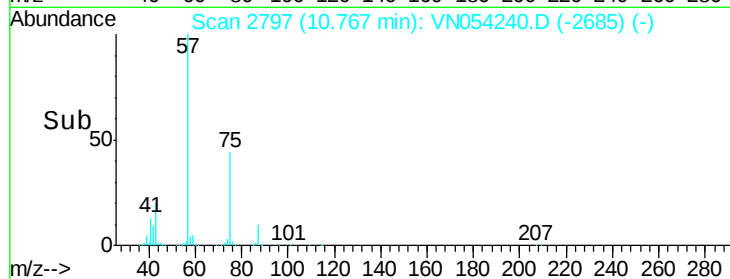
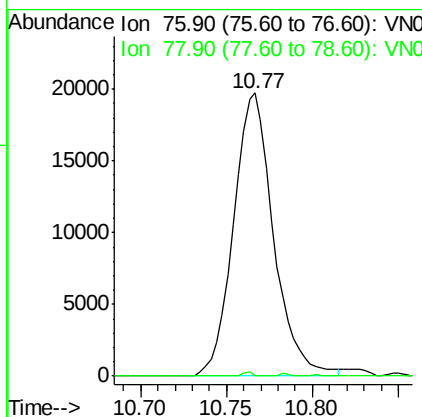
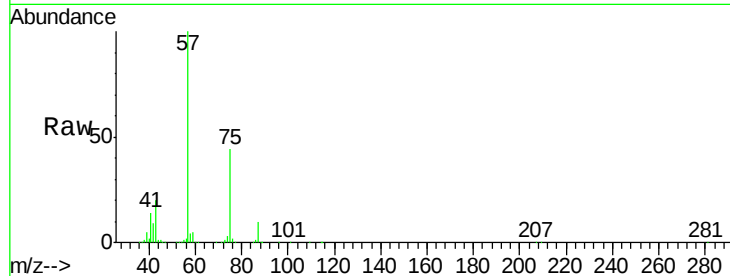




#57  
 1,3-Dichloropropane  
 Concen: 1.416 ug/l  
 RT: 10.77 min Scan# 2797  
 Delta R.T. 0.06 min  
 Lab File: VN054240.D  
 Acq: 14 Mar 2019 4:24

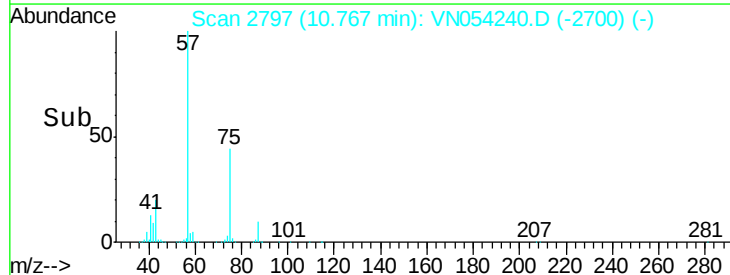
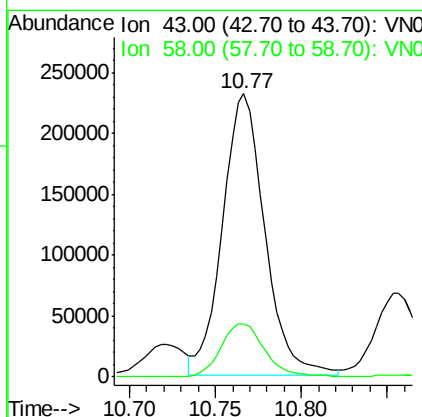
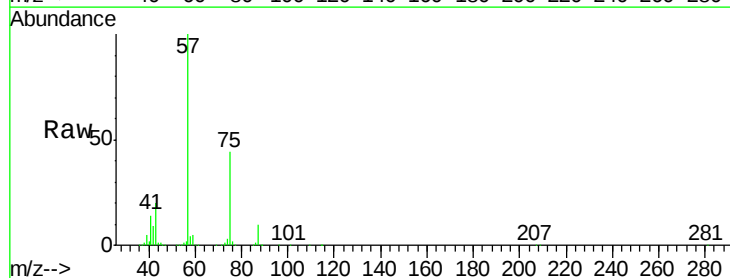
Instrument :  
 MSVOA\_N  
 ClientSampleId :

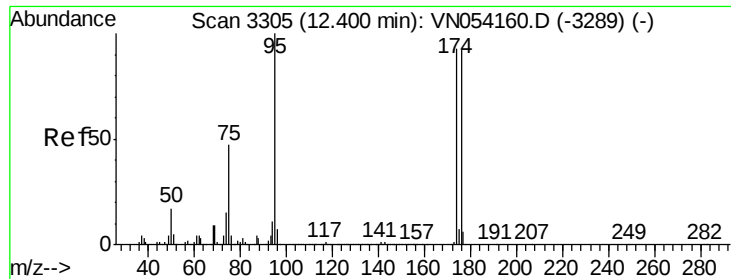
Tot Ion: 76 Resp: 31960  
 Ion Ratio Lower Upper  
 76 100  
 78 0.3 25.7 38.5#



#59  
 2-Hexanone  
 Concen: 53.719 ug/l  
 RT: 10.77 min Scan# 2797  
 Delta R.T. 0.01 min  
 Lab File: VN054240.D  
 Acq: 14 Mar 2019 4:24

Tgt Ion: 43 Resp: 397368  
 Ion Ratio Lower Upper  
 43 100  
 58 19.5 28.0 83.9#

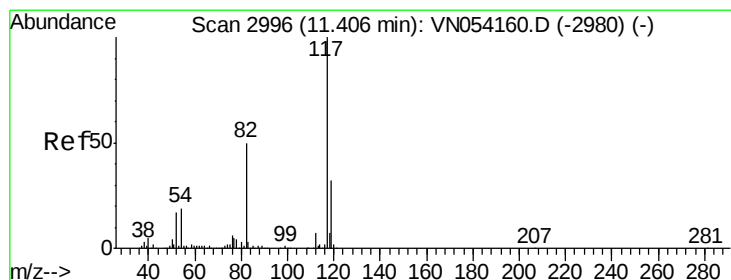
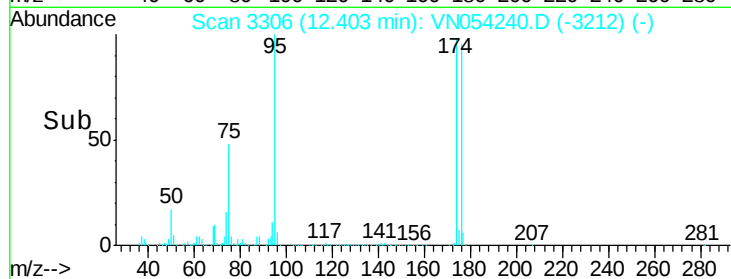
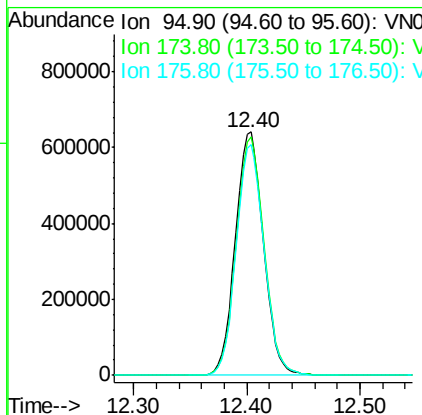
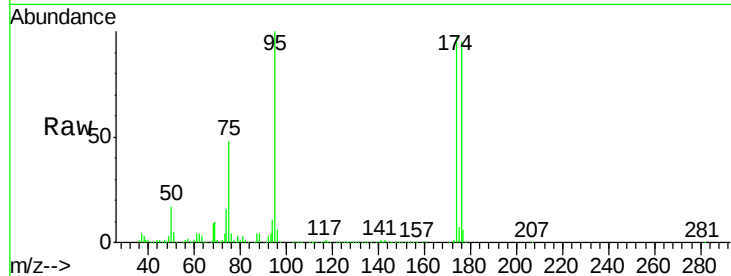




#62  
4-Bromofluorobenzene  
Concen: 58.924 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.00 min  
Lab File: VN054240.D  
Acq: 14 Mar 2019 4:24

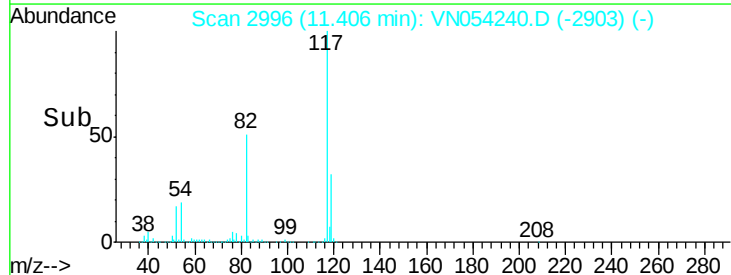
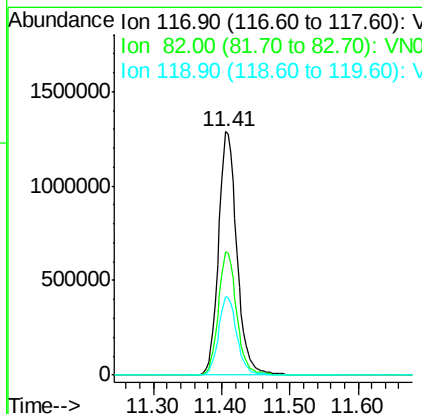
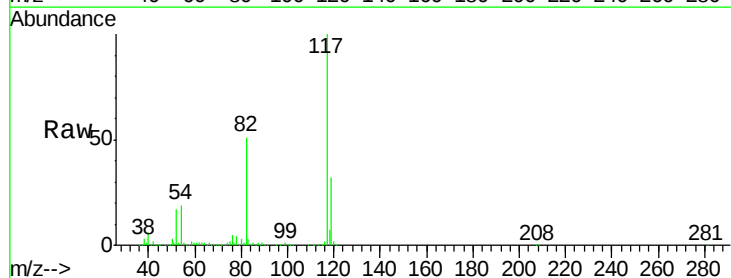
Instrument :  
MSVOA\_N  
ClientSampled :

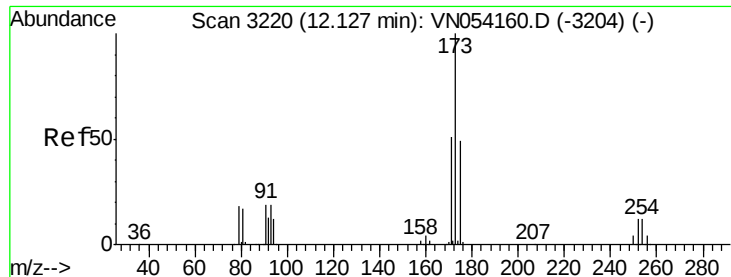
Tot Ion: 95 Resp: 1110716  
Ion Ratio Lower Upper  
95 100  
174 97.2 0.0 191.0  
176 94.0 0.0 187.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN054240.D  
Acq: 14 Mar 2019 4:24

Tgt Ion: 117 Resp: 2406548  
Ion Ratio Lower Upper  
117 100  
82 50.7 40.0 60.0  
119 32.3 25.8 38.6

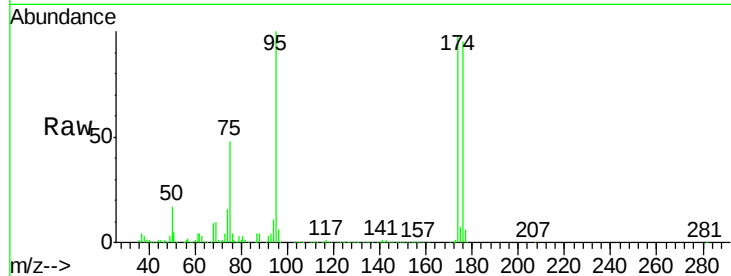




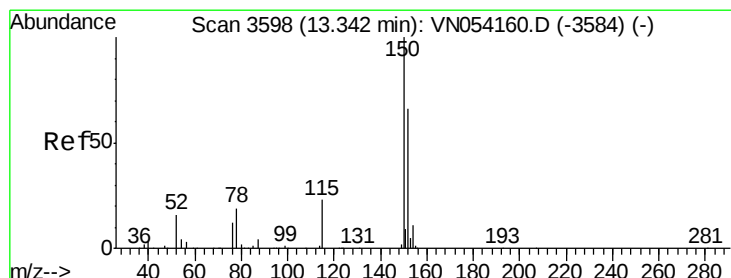
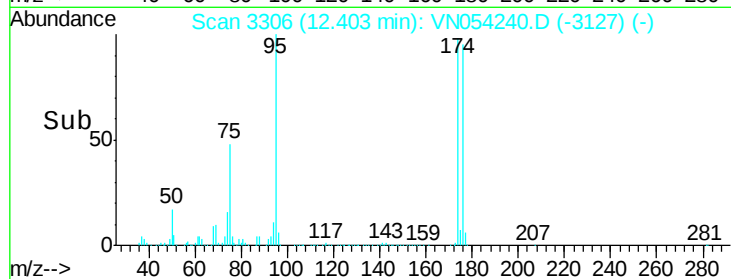
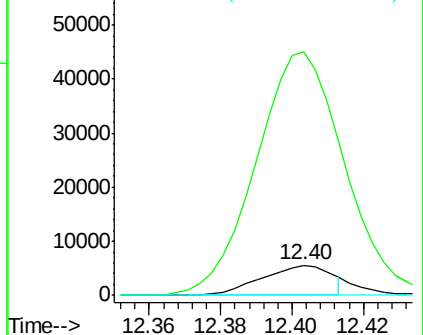
#71  
Bromoform  
Concen: 2.840 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.28 min  
Lab File: VN054240.D  
Acq: 14 Mar 2019 4:24

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:173 Resp: 7513  
Ion Ratio Lower Upper  
173 100  
175 873.5 24.4 73.2#  
254 0.0 0.1 0.1#

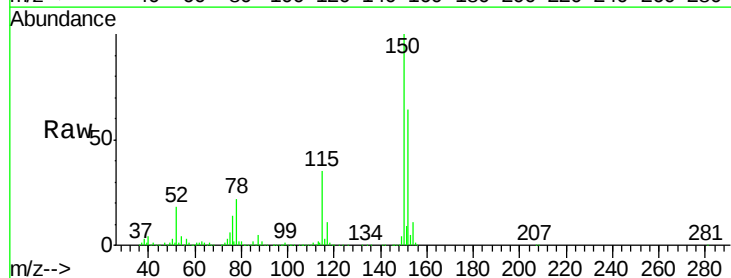


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

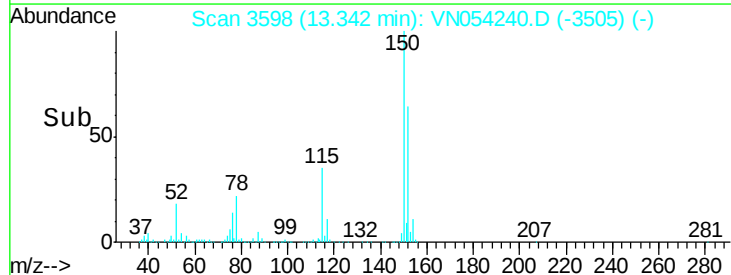
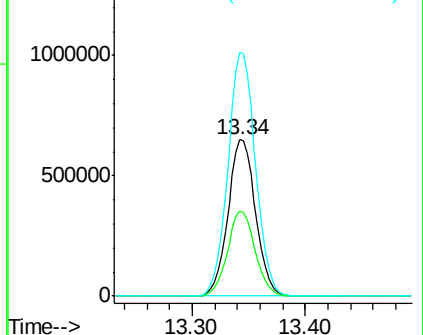


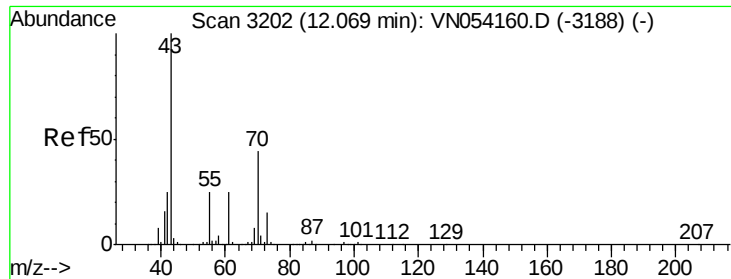
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. 0.00 min  
Lab File: VN054240.D  
Acq: 14 Mar 2019 4:24

Tgt Ion:152 Resp: 1095076  
Ion Ratio Lower Upper  
152 100  
115 54.6 27.2 81.6  
150 156.6 0.0 349.2



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





#74

N-amvl acetate

Concen: 1.907 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN054240.D

Acq: 14 Mar 2019 4:24

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 43 Resp: 37078

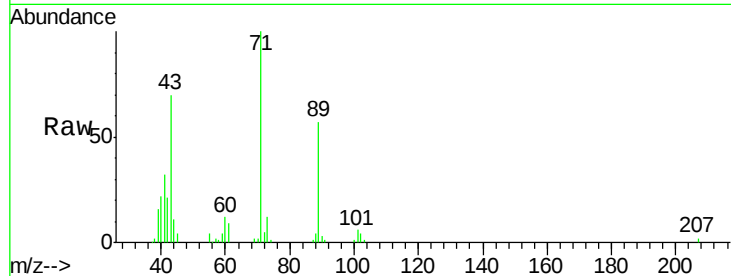
Ion Ratio Lower Upper

43 100

70 1.9 35.4 53.0#

55 6.0 19.8 29.6#

61 11.9 19.8 29.6#

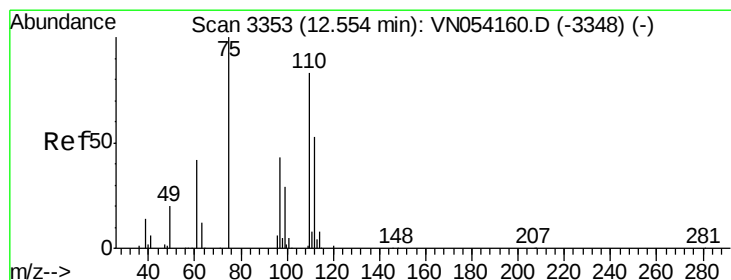
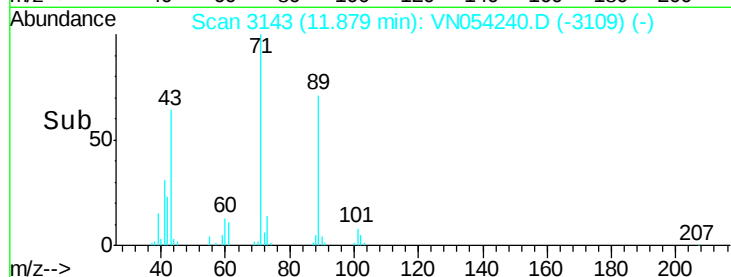
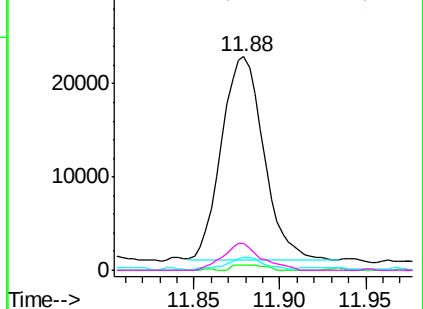


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 33.214 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054240.D

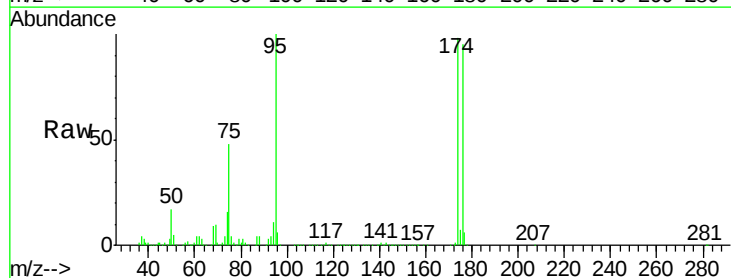
Acq: 14 Mar 2019 4:24

Tgt Ion: 75 Resp: 534868

Ion Ratio Lower Upper

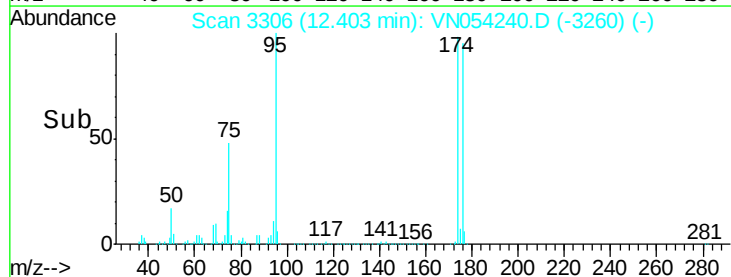
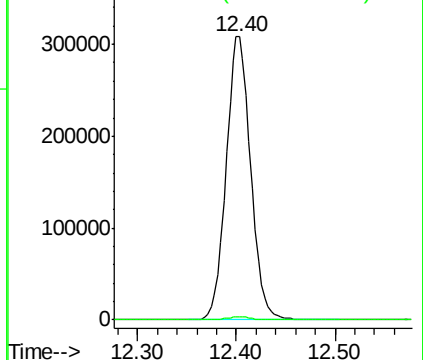
75 100

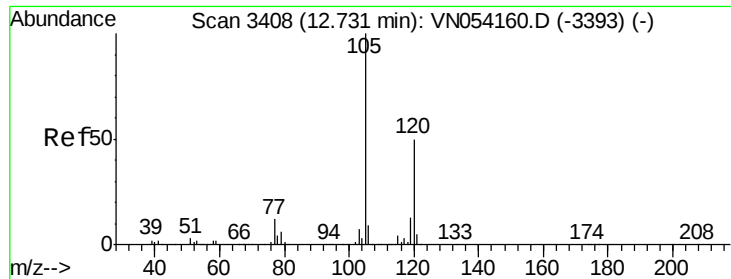
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.481 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054240.D

Acq: 14 Mar 2019 4:24

Instrument :

MSVOA\_N

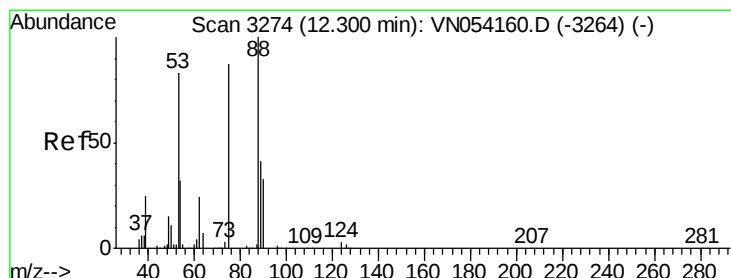
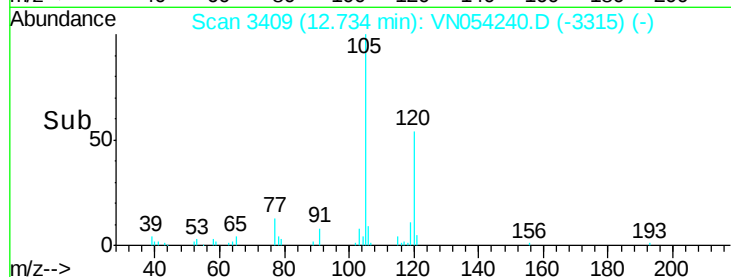
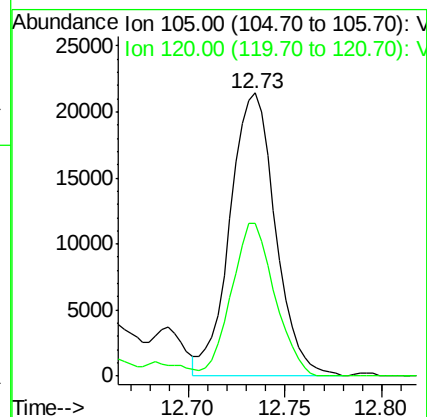
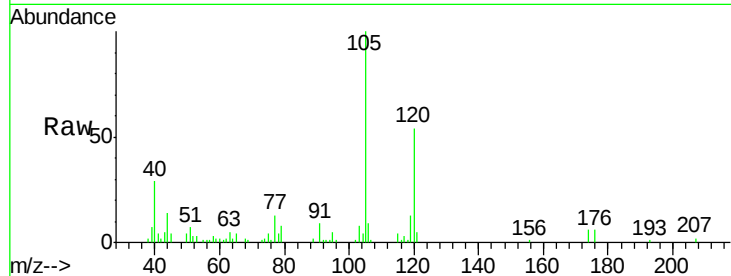
ClientSampled :

Tot Ion:105 Resp: 35046

Ion Ratio Lower Upper

105 100

120 51.1 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 113.541 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054240.D

Acq: 14 Mar 2019 4:24

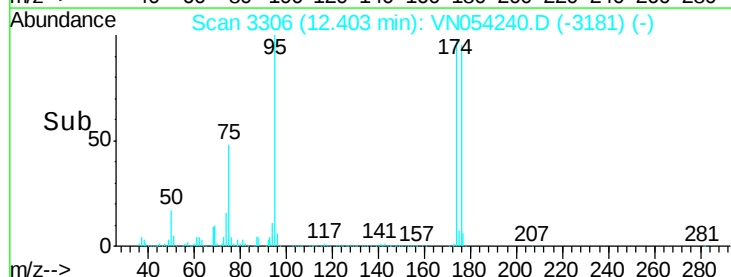
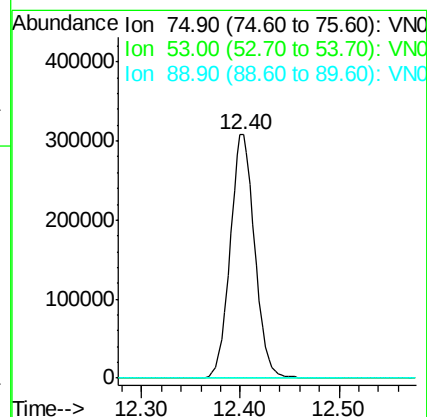
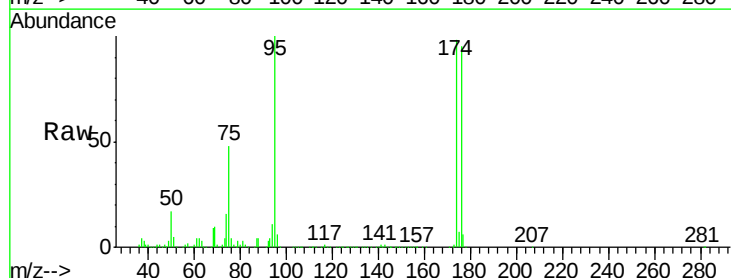
Tgt Ion: 75 Resp: 534868

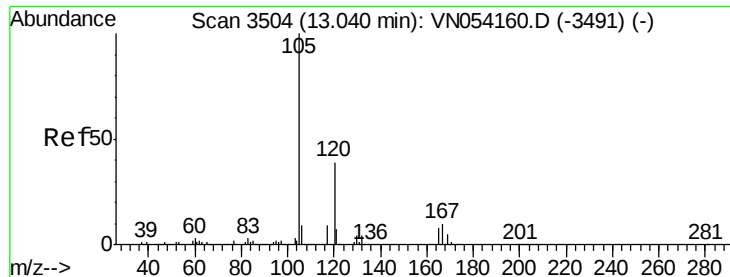
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.413 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054240.D

Acq: 14 Mar 2019 4:24

Instrument :

MSVOA\_N

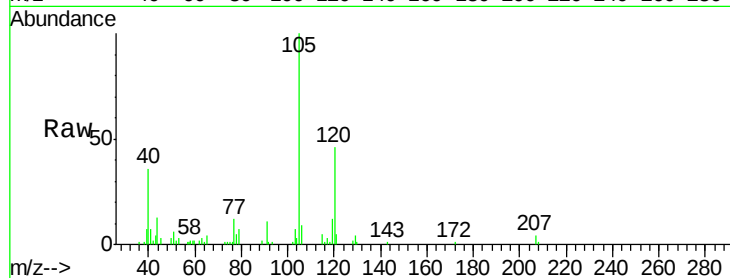
ClientSampled :

Tot Ion:105 Resp: 29561

Ion Ratio Lower Upper

105 100

120 44.9 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

20000

15000

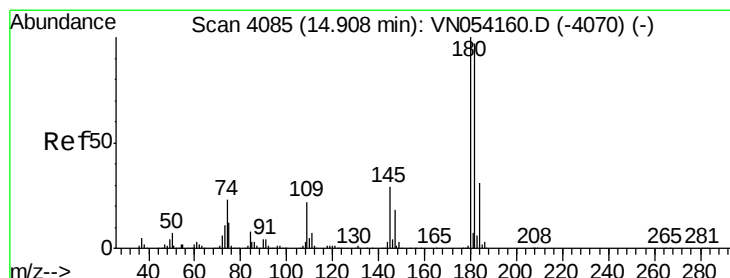
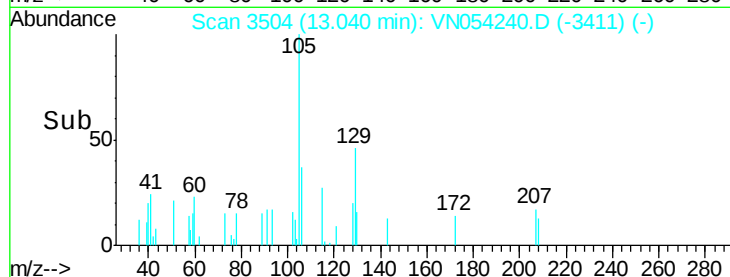
10000

5000

0

Time-->

13.00 13.05 13.10



#93

1,2,4-Trichlorobenzene

Concen: 2.552 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054240.D

Acq: 14 Mar 2019 4:24

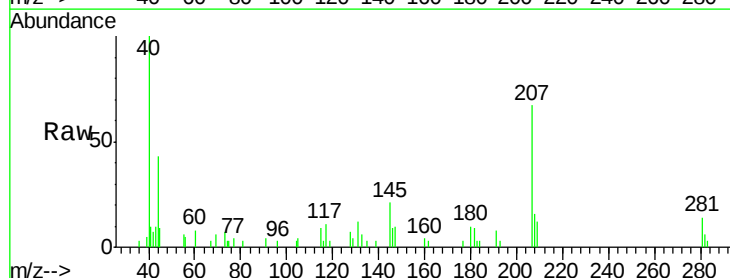
Tgt Ion:180 Resp: 862

Ion Ratio Lower Upper

180 100

182 112.6 48.0 144.2

145 108.5 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

14.91

1500

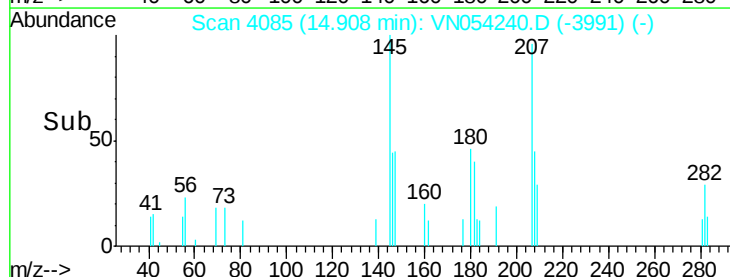
1000

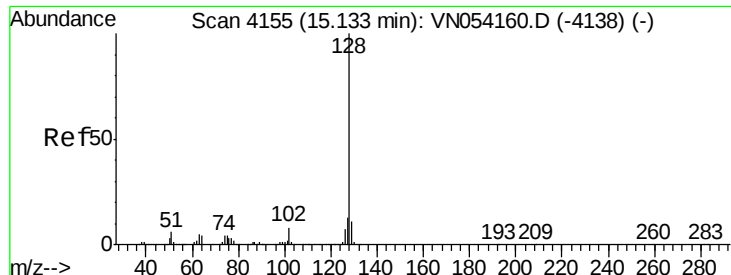
500

0

Time-->

14.90





#95  
Naphthalene  
Concen: 3.653 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. -0.00 min  
Lab File: VN054240.D  
Acq: 14 Mar 2019 4:24

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:128 Resp: 9442  
Ion Ratio Lower Upper  
128 100  
127 17.8 10.1 15.1#  
129 16.2 8.7 13.1#

