

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\  
 Data File : VN052909.D  
 Acq On : 15 Dec 2018 00:26  
 Operator : MD\SY  
 Sample : J6403-60  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 34 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 15 03:04:17 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N121218W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 13 01:08:35 2018  
 Response via : Initial Calibration

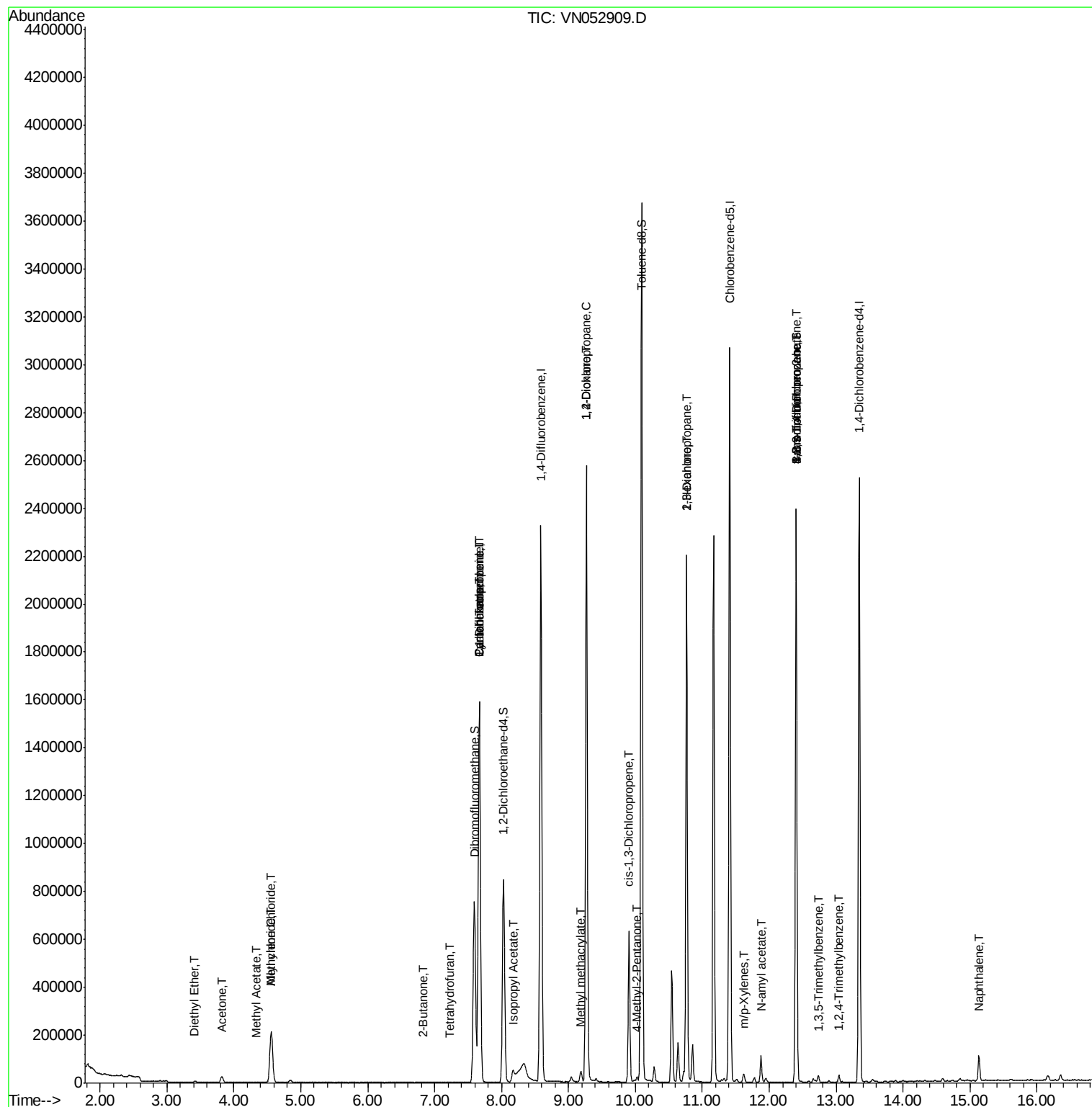
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 1) Pentafluorobenzene          | 7.67  | 168  | 1410337  | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.59  | 114  | 2172669  | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5           | 11.41 | 117  | 1879629  | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 13.35 | 152  | 730593   | 50.00   | ug/l   | 0.00     |
| System Monitoring Compounds    |       |      |          |         |        |          |
| 33) 1,2-Dichloroethane-d4      | 8.03  | 65   | 712044   | 47.48   | ug/l   | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =       | 94.96% |          |
| 35) Dibromofluoromethane       | 7.59  | 113  | 578721   | 47.72   | ug/l   | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =       | 95.44% |          |
| 50) Toluene-d8                 | 10.09 | 98   | 2608580  | 49.61   | ug/l   | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =       | 99.22% |          |
| 62) 4-Bromofluorobenzene       | 12.40 | 95   | 818814   | 45.95   | ug/l   | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =       | 91.90% |          |
| Target Compounds               |       |      |          |         |        |          |
|                                |       |      |          |         | Qvalue |          |
| 8) Diethyl Ether               | 3.42  | 74   | 3236     | 0.410   | ug/l   | 91       |
| 14) Allyl chloride             | 4.55  | 41   | 7122     | 0.336   | ug/l # | 24       |
| 16) Acetone                    | 3.82  | 43   | 42764    | 12.697  | ug/l   | 95       |
| 18) Methyl Acetate             | 4.33  | 43   | 6113     | 0.495   | ug/l # | 83       |
| 20) Methylene Chloride         | 4.56  | 84   | 168036   | 11.087  | ug/l   | 98       |
| 25) 2-Butanone                 | 6.84  | 43   | 1254     | 0.240   | ug/l # | 79       |
| 29) Tetrahydrofuran            | 7.22  | 42   | 1446     | 0.405   | ug/l # | 63       |
| 31) Cyclohexane                | 7.67  | 56   | 23153    | 0.335   | ug/l # | 1        |
| 36) 1,1-Dichloropropene        | 7.67  | 75   | 93024    | 4.649   | ug/l # | 49       |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 121949   | 6.622   | ug/l # | 15       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 70760    | 2.871   | ug/l # | 77       |
| 45) 1,2-Dichloropropane        | 9.27  | 63   | 3432     | 0.218   | ug/l # | 44       |
| 48) Methyl methacrylate        | 9.18  | 41   | 15781    | 1.460   | ug/l # | 12       |
| 49) 1,4-Dioxane                | 9.27  | 88   | 383      | 3.122   | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone       | 10.02 | 43   | 17092    | 1.513   | ug/l # | 35       |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 118754   | 5.236   | ug/l # | 61       |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 23272    | 1.045   | ug/l # | 42       |
| 59) 2-Hexanone                 | 10.76 | 43   | 313561   | 40.491  | ug/l # | 50       |
| 68) m/p-Xylenes                | 11.62 | 106  | 11950    | 0.475   | ug/l   | 96       |
| 71) Bromoform                  | 12.40 | 173  | 4901     | 0.532   | ug/l # | 1        |
| 74) N-amyl acetate             | 11.88 | 43   | 34068    | 2.275   | ug/l # | 54       |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 384843   | 35.703  | ug/l # | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 12648    | 0.287   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 384843   | 114.695 | ug/l # | 12       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 17982    | 0.403   | ug/l   | 98       |
| 95) Naphthalene                | 15.13 | 128  | 91837    | 3.439   | ug/l   | 99       |

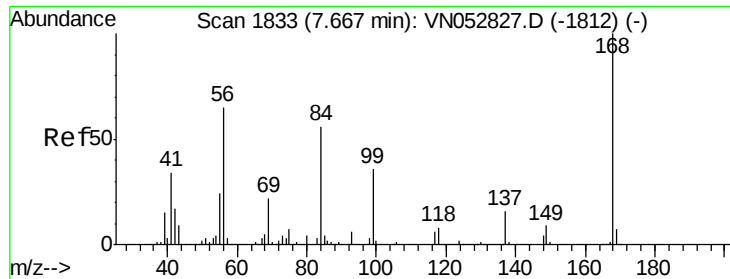
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Dec 13 01:08:35 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052909.D

Acq: 15 Dec 2018 00:26

Instrument :

MSVOA\_N

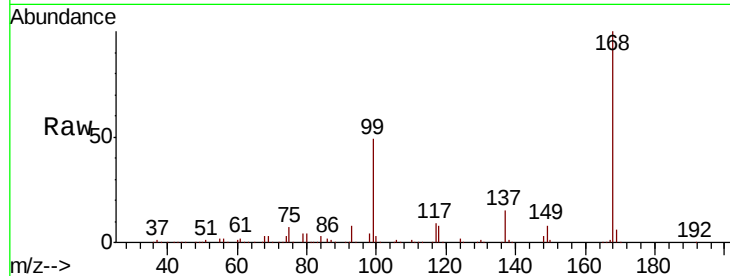
ClientSampled :

Tot Ion:168 Resp: 1410337

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

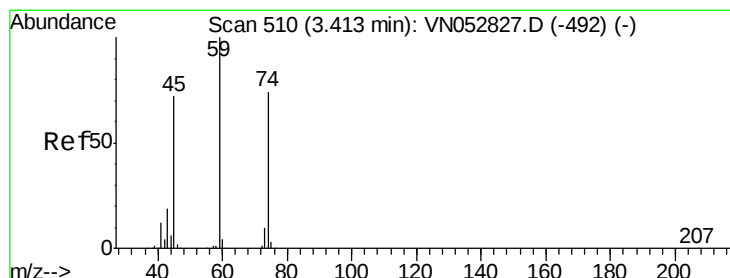
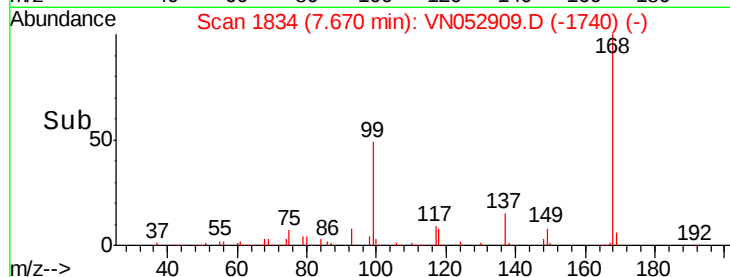
600000

400000

200000

0

Time-->



#8

Diethyl Ether

Concen: 0.410 ug/l

RT: 3.42 min Scan# 512

Delta R.T. 0.01 min

Lab File: VN052909.D

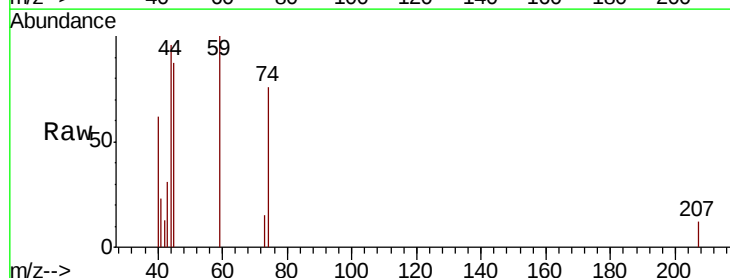
Acq: 15 Dec 2018 00:26

Tgt Ion: 74 Resp: 3236

Ion Ratio Lower Upper

74 100

45 90.1 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.42

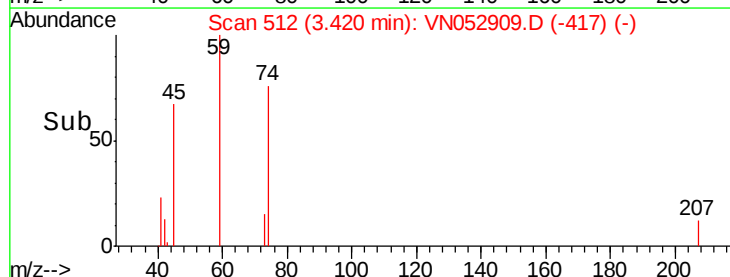
1500

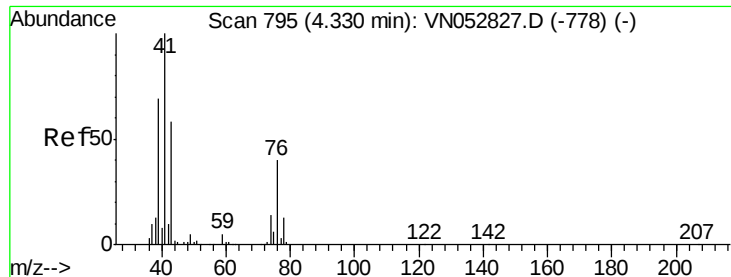
1000

500

0

Time-->

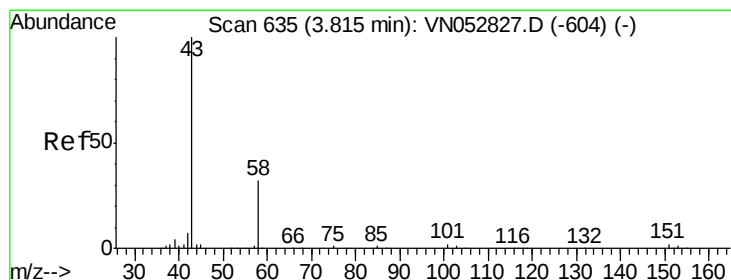
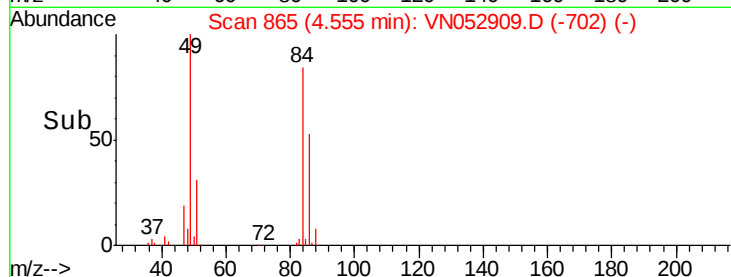
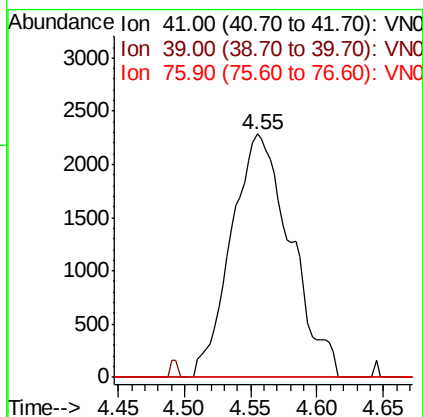
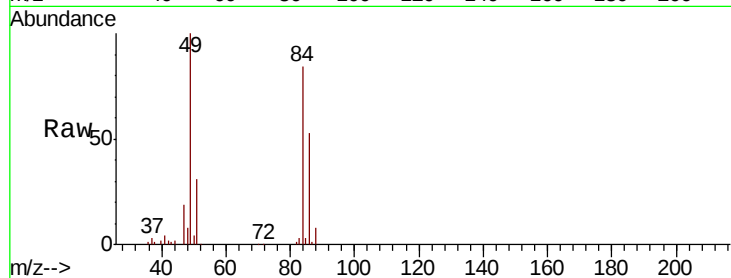




#14  
Allvl chloride  
Concen: 0.336 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.23 min  
Lab File: VN052909.D  
Acq: 15 Dec 2018 00:26

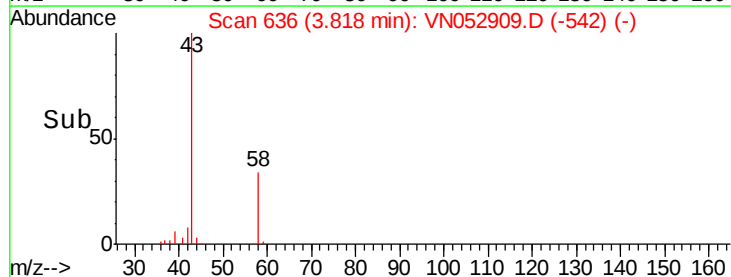
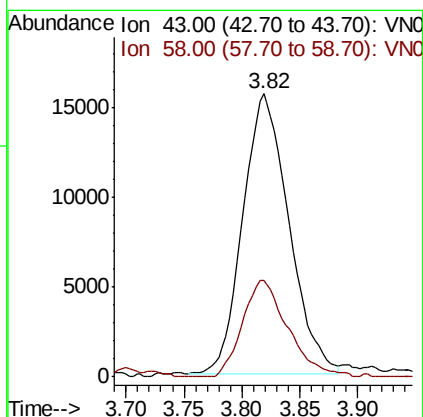
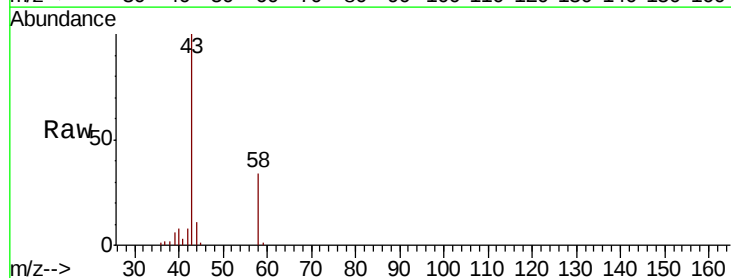
Instrument :  
MSVOA\_N  
ClientSampled :

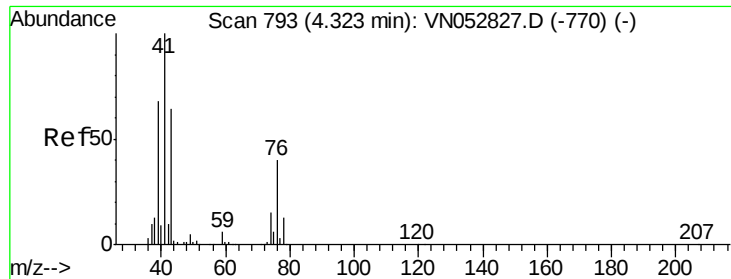
Tot Ion: 41 Resp: 7122  
Ion Ratio Lower Upper  
41 100  
39 0.0 54.1 81.1#  
76 0.0 30.3 45.5#



#16  
Acetone  
Concen: 12.697 ug/l  
RT: 3.82 min Scan# 636  
Delta R.T. 0.00 min  
Lab File: VN052909.D  
Acq: 15 Dec 2018 00:26

Tgt Ion: 43 Resp: 42764  
Ion Ratio Lower Upper  
43 100  
58 34.3 25.4 38.0

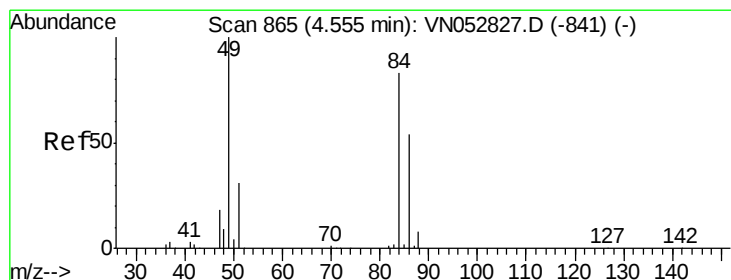
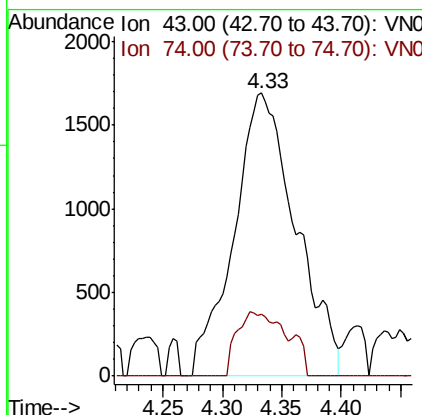
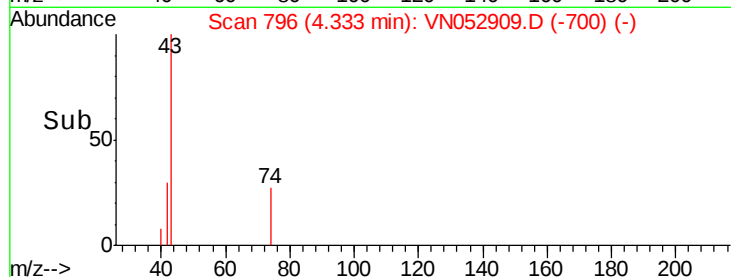
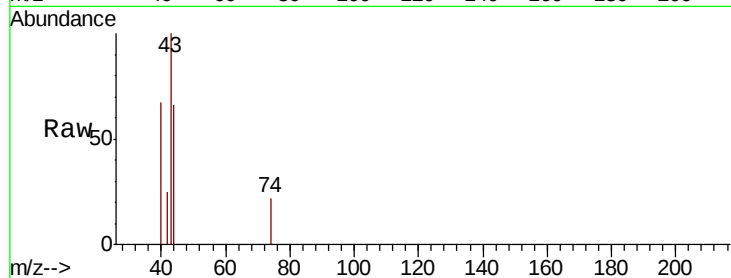




#18  
Methyl Acetate  
Concen: 0.495 ug/l  
RT: 4.33 min Scan# 796  
Delta R.T. 0.01 min  
Lab File: VN052909.D  
Acq: 15 Dec 2018 00:26

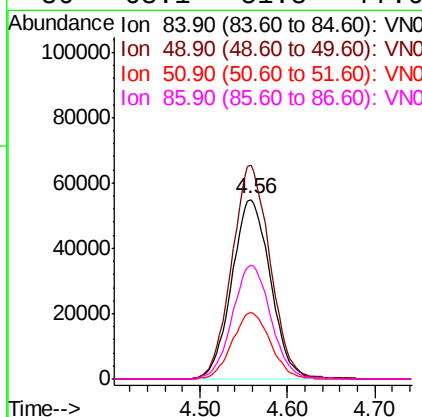
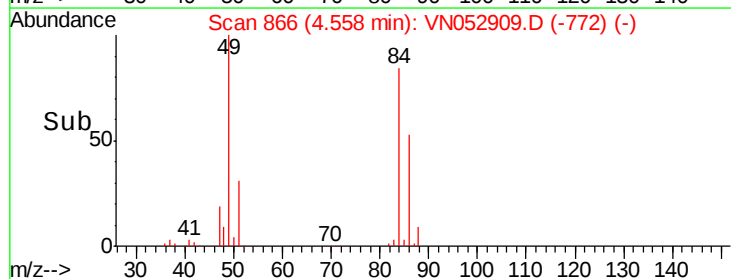
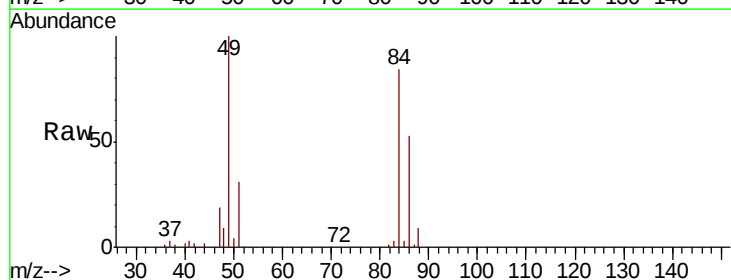
Instrument :  
MSVOA\_N  
ClientSampleId :

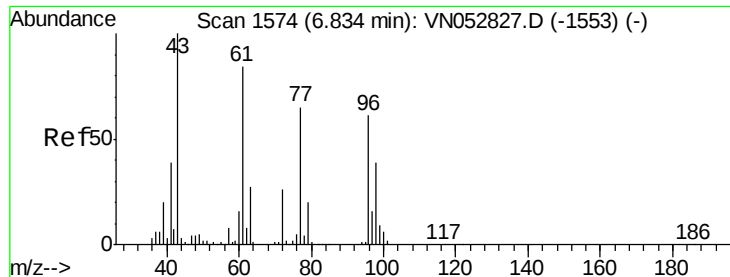
Tot Ion: 43 Resp: 6113  
Ion Ratio Lower Upper  
43 100  
74 15.6 19.2 28.8#



#20  
Methylene Chloride  
Concen: 11.087 ug/l  
RT: 4.56 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: VN052909.D  
Acq: 15 Dec 2018 00:26

Tgt Ion: 84 Resp: 168036  
Ion Ratio Lower Upper  
84 100  
49 118.9 96.8 145.2  
51 37.0 29.9 44.9  
86 63.1 51.8 77.6





#25

2-Butanone

Concen: 0.240 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052909.D

Acq: 15 Dec 2018 00:26

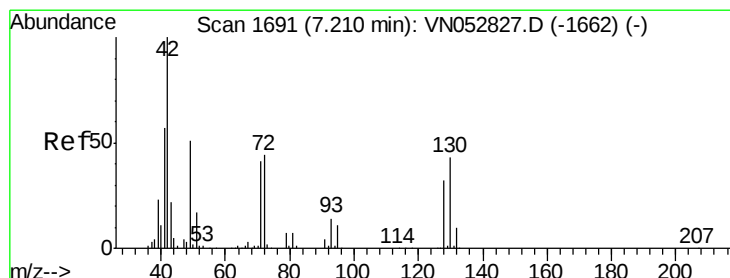
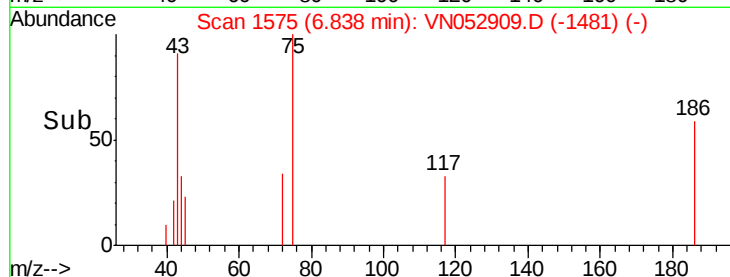
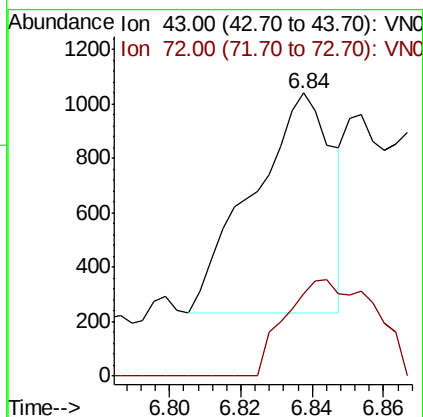
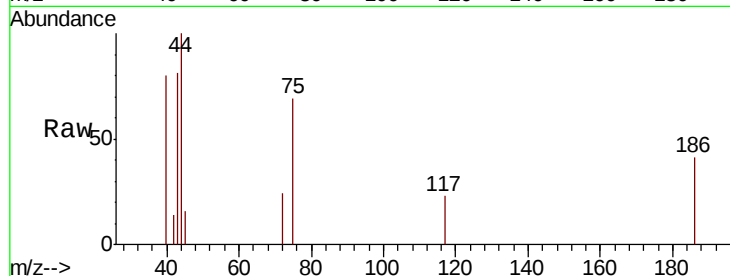
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 1254

Ion Ratio Lower Upper

43 100

72 37.3 21.0 31.6#



#29

Tetrahydrofuran

Concen: 0.405 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN052909.D

Acq: 15 Dec 2018 00:26

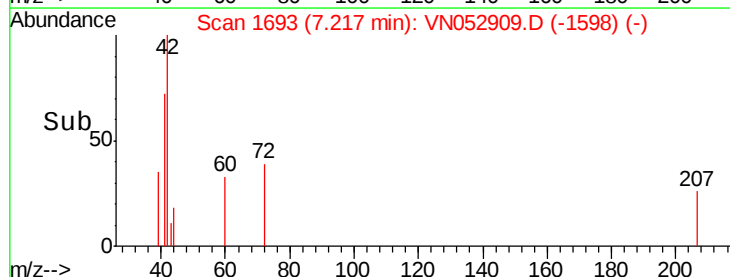
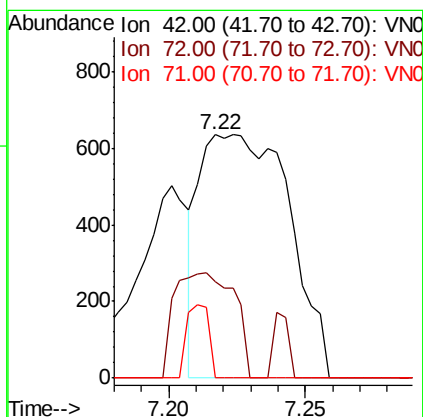
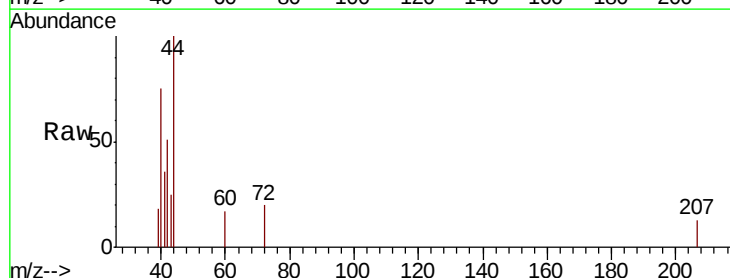
Tgt Ion: 42 Resp: 1446

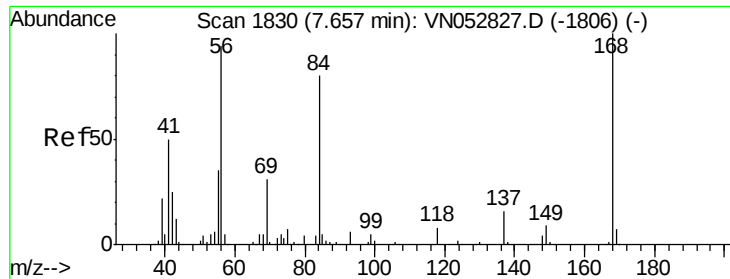
Ion Ratio Lower Upper

42 100

72 29.0 34.7 52.1#

71 7.3 32.3 48.5#

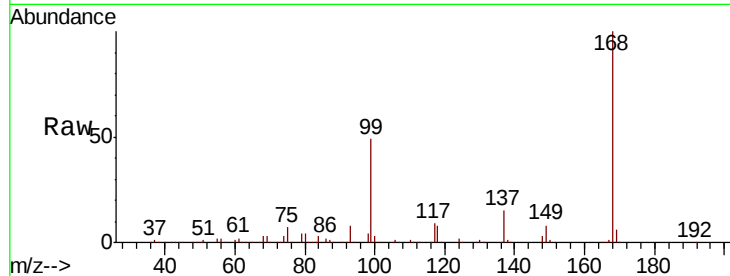




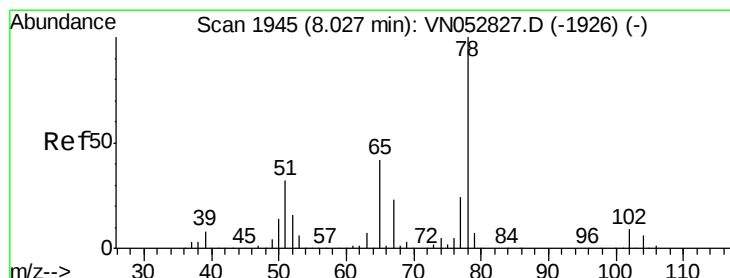
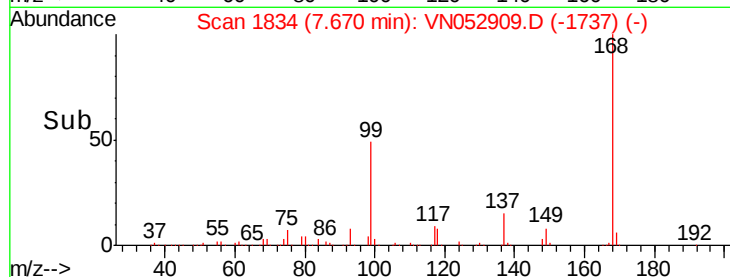
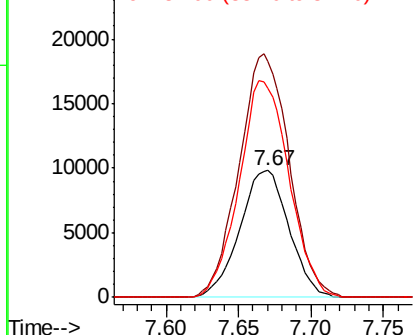
#31  
Cyclohexane  
Concen: 0.335 ug/l  
RT: 7.67 min Scan# 1834  
Delta R.T. 0.01 min  
Lab File: VN052909.D  
Acq: 15 Dec 2018 00:26

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 23153  
Ion Ratio Lower Upper  
56 100  
69 186.0 26.6 39.8#  
84 164.4 68.4 102.6#

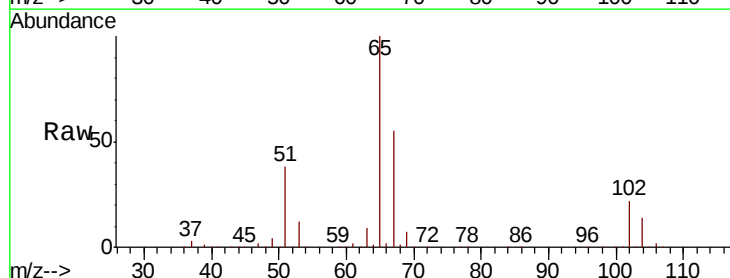


Abundance Ion 56.00 (55.70 to 56.70): VNC  
Ion 69.00 (68.70 to 69.70): VNC  
Ion 84.00 (83.70 to 84.70): VNC

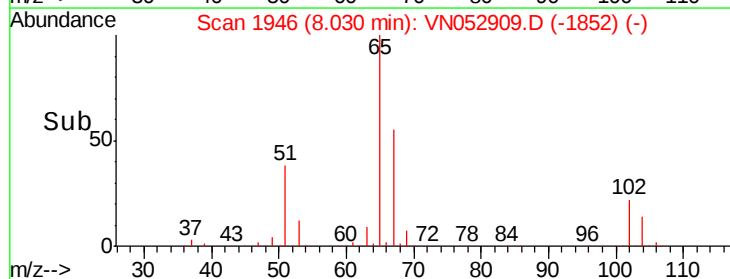
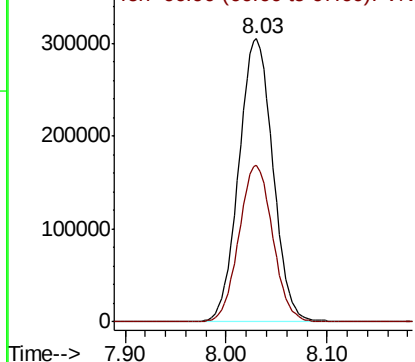


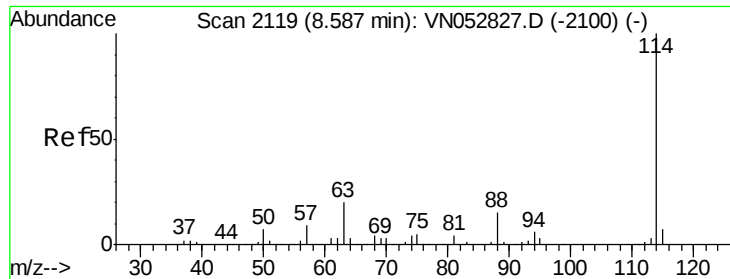
#33  
1,2-Dichloroethane-d4  
Concen: Below ug/l  
RT: 8.03 min Scan# 1946  
Delta R.T. 0.00 min  
Lab File: VN052909.D  
Acq: 15 Dec 2018 00:26

Tgt Ion: 65 Resp: 712044  
Ion Ratio Lower Upper  
65 100  
67 54.8 0.0 110.4



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

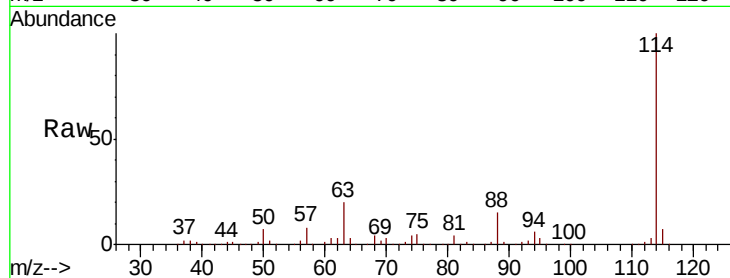




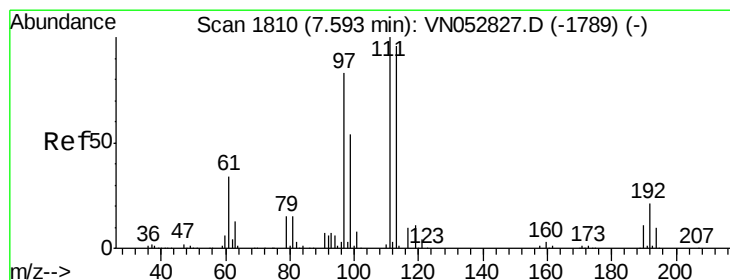
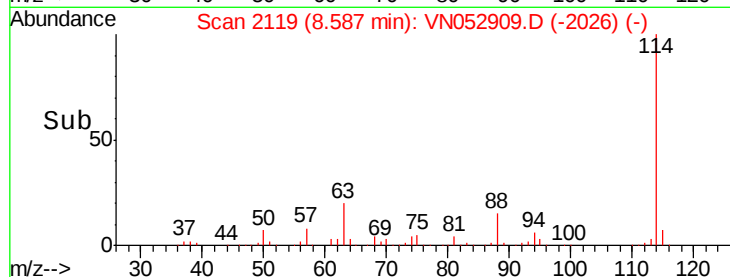
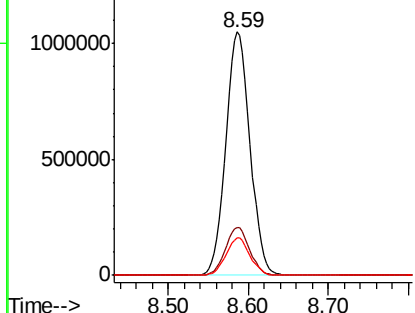
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN052909.D  
 Acq: 15 Dec 2018 00:26

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion:114 Resp: 2172669  
 Ion Ratio Lower Upper  
 114 100  
 63 19.8 0.0 39.8  
 88 15.3 0.0 31.0

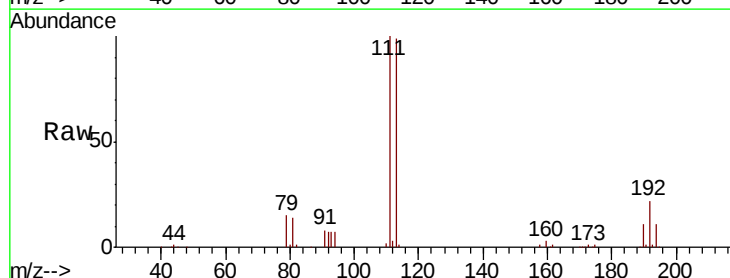


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VN  
 Ion 87.90 (87.60 to 88.60): VN

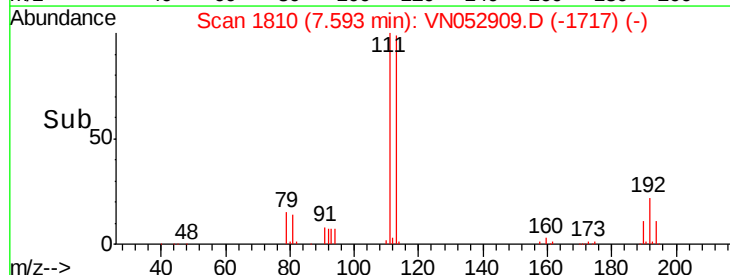
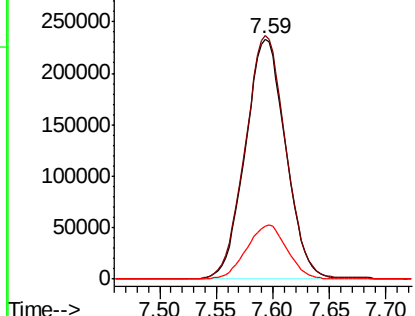


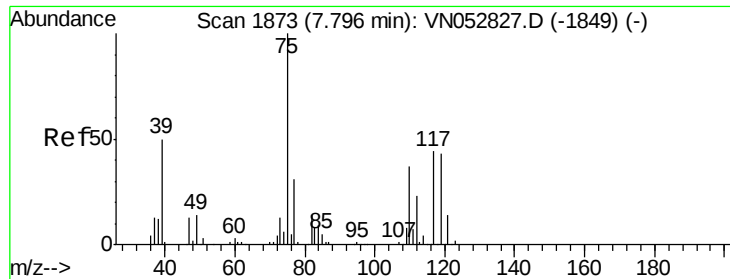
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 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN052909.D  
 Acq: 15 Dec 2018 00:26

Tgt Ion:113 Resp: 578721  
 Ion Ratio Lower Upper  
 113 100  
 111 102.0 83.0 124.4  
 192 22.7 17.5 26.3



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

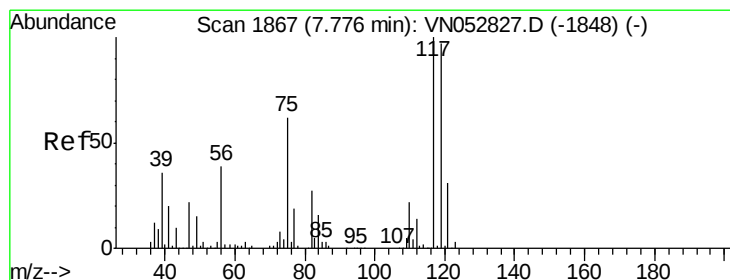
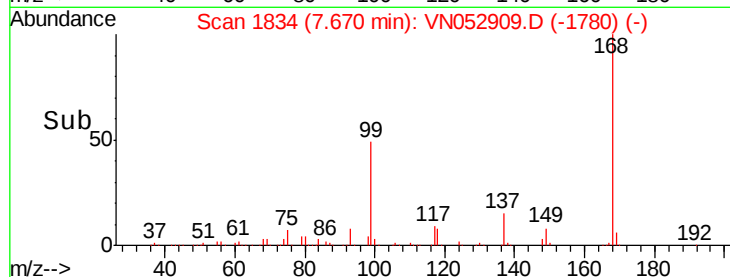
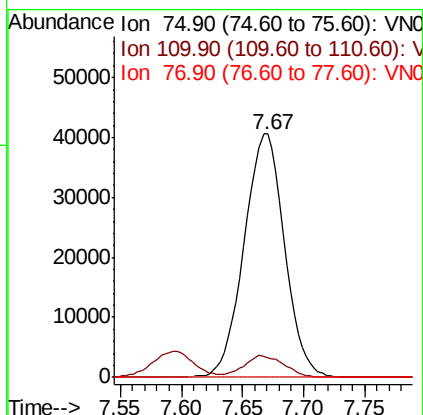
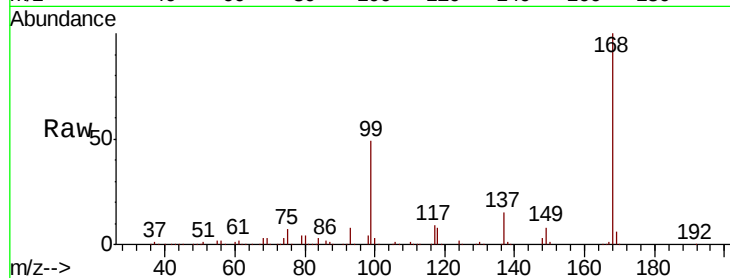




#36  
 1,1-Dichloropropene  
 Concen: 4.649 ug/l  
 RT: 7.67 min Scan# 1834  
 Delta R.T. -0.13 min  
 Lab File: VN052909.D  
 Acq: 15 Dec 2018 00:26

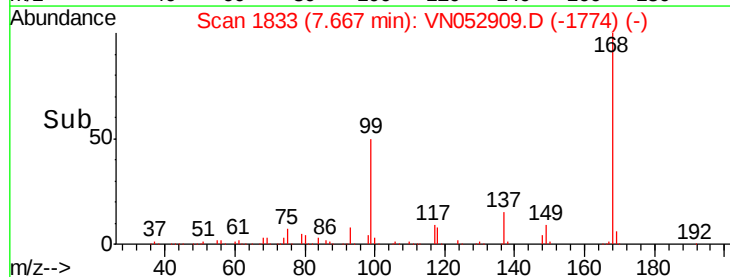
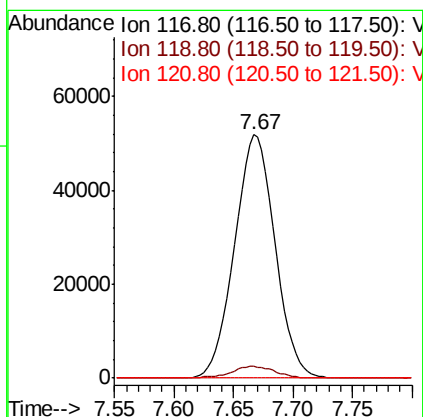
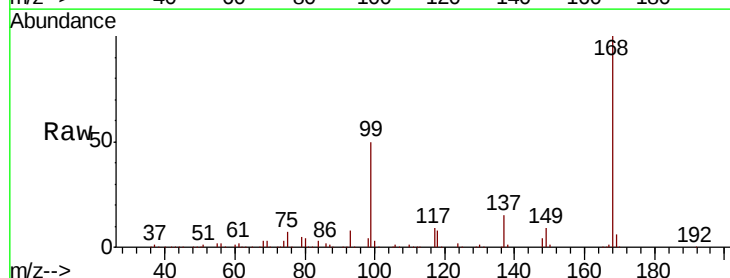
Instrument :  
 MSVOA\_N  
 ClientSampled :

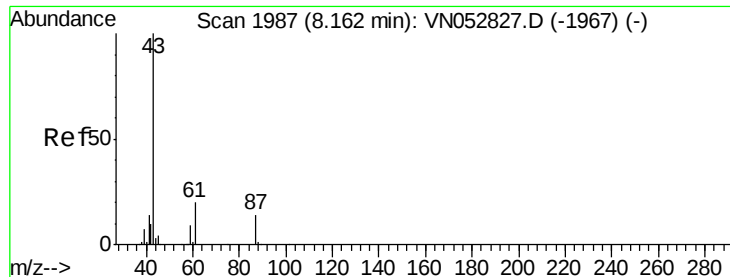
| Tot Ion   | 75  | Resp  | 93024 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 75        | 100 |       |       |
| 110       | 8.9 | 18.2  | 54.6# |
| 77        | 0.0 | 24.9  | 37.3# |



#38  
 Carbon Tetrachloride  
 Concen: 6.622 ug/l  
 RT: 7.67 min Scan# 1833  
 Delta R.T. -0.11 min  
 Lab File: VN052909.D  
 Acq: 15 Dec 2018 00:26

| Tgt Ion                                              | 117 | Resp  | 121949 |
|------------------------------------------------------|-----|-------|--------|
| Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td> | 100 | Lower | Upper  |
| 117                                                  | 100 |       |        |
| 119                                                  | 4.7 | 77.1  | 115.7# |
| 121                                                  | 0.0 | 24.9  | 37.3#  |





#43

Isopropyl Acetate

Concen: 2.871 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052909.D

Acq: 15 Dec 2018 00:26

Instrument :

MSVOA\_N

ClientSampleId :

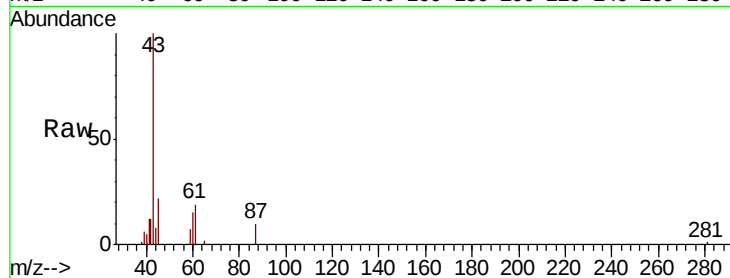
Tot Ion: 43 Resp: 70760

Ion Ratio Lower Upper

43 100

61 14.0 22.9 34.3#

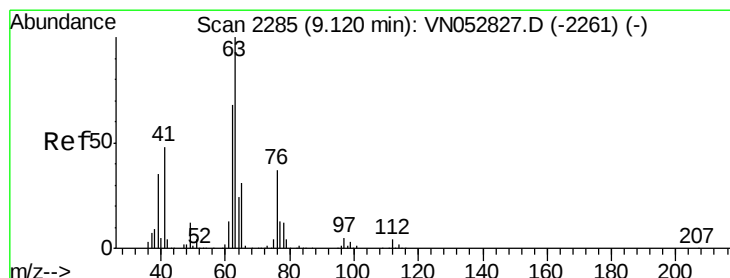
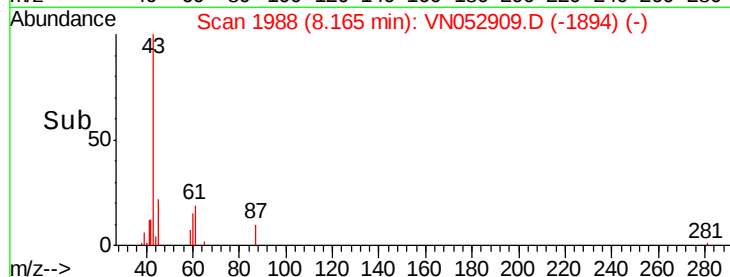
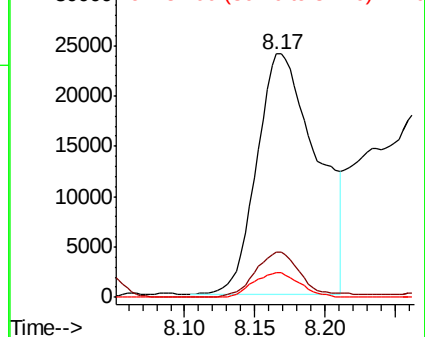
87 7.9 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052827.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052827.D (-1967) (-)



#45

1,2-Dichloropropane

Concen: 0.218 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN052909.D

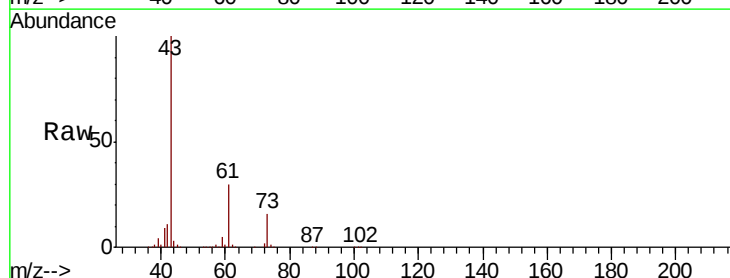
Acq: 15 Dec 2018 00:26

Tgt Ion: 63 Resp: 3432

Ion Ratio Lower Upper

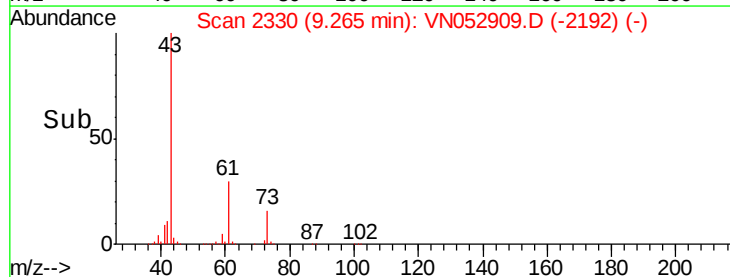
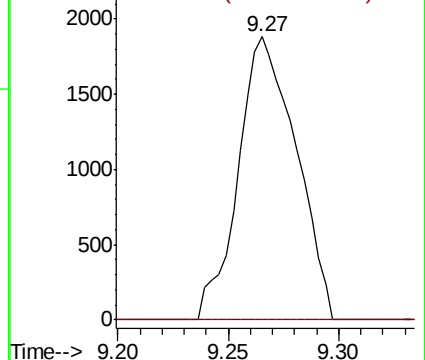
63 100

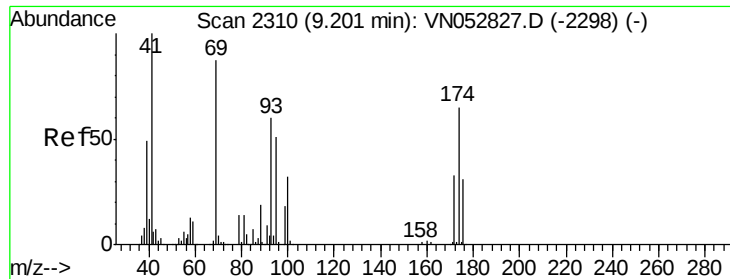
65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN052827.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN052827.D (-2261) (-)

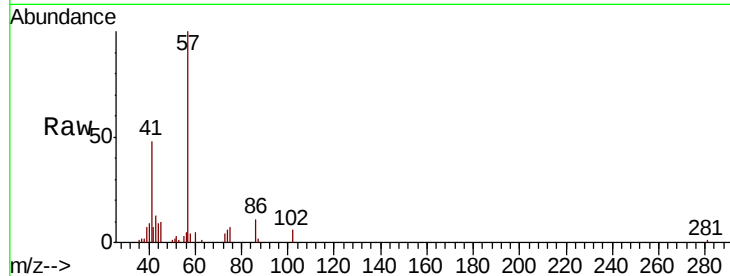




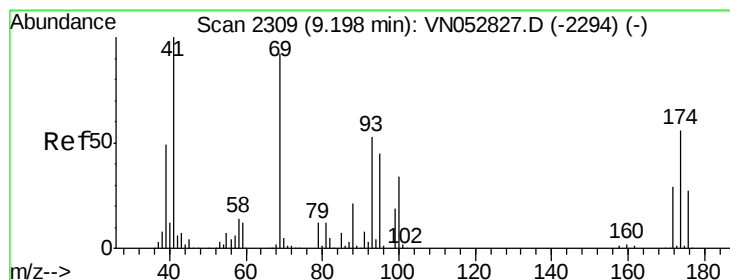
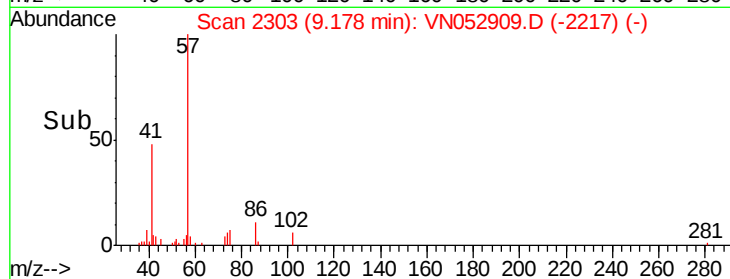
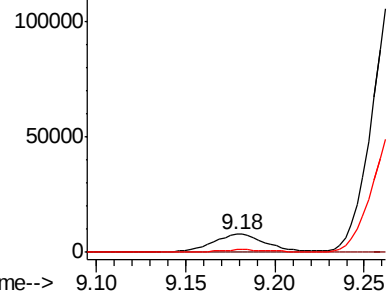
#48  
Methvl methacrylate  
Concen: 1.460 ug/l  
RT: 9.18 min Scan# 2303  
Delta R.T. -0.02 min  
Lab File: VN052909.D  
Acq: 15 Dec 2018 00:26

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 41 Resp: 15781  
Ion Ratio Lower Upper  
41 100  
69 0.0 72.2 108.2#  
39 0.0 41.9 62.9#

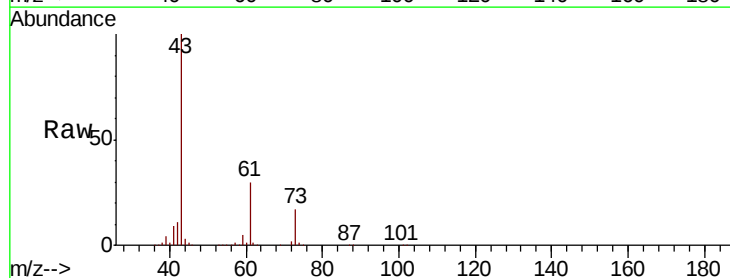


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 69.00 (68.70 to 69.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC

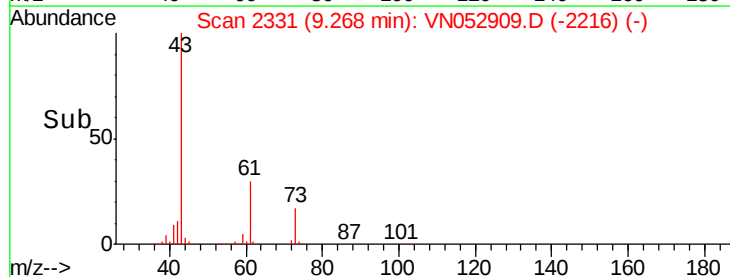
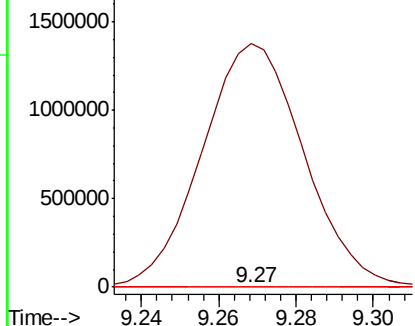


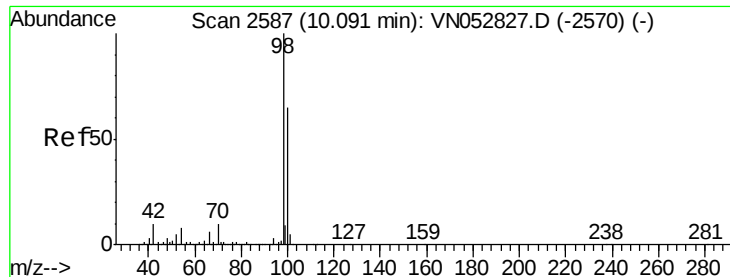
#49  
1,4-Dioxane  
Concen: 3.122 ug/l  
RT: 9.27 min Scan# 2331  
Delta R.T. 0.07 min  
Lab File: VN052909.D  
Acq: 15 Dec 2018 00:26

Tgt Ion: 88 Resp: 383  
Ion Ratio Lower Upper  
88 100  
43 663673.6 26.6 40.0#  
58 2830.8 58.4 87.6#



Abundance Ion 88.00 (87.70 to 88.70): VNC  
Ion 43.00 (42.70 to 43.70): VNC  
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 3.122 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052909.D

Acq: 15 Dec 2018 00:26

Instrument :

MSVOA\_N

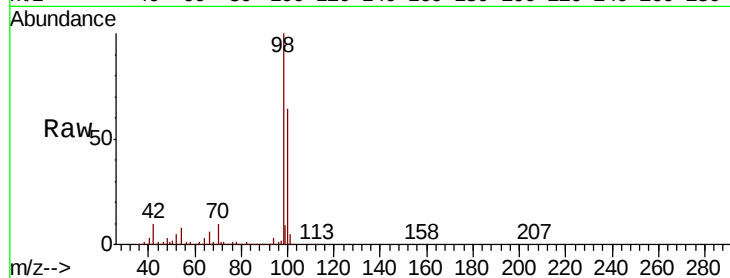
ClientSampleId :

Tot Ion: 98 Resp: 2608580

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052827.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052827.D (-2570) (-)

10.09

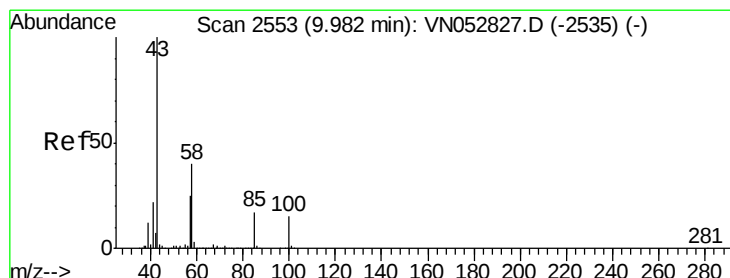
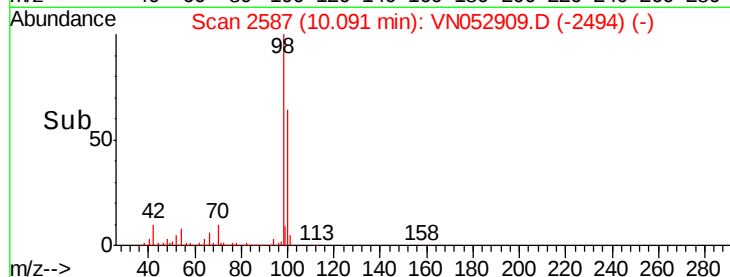
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.513 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052909.D

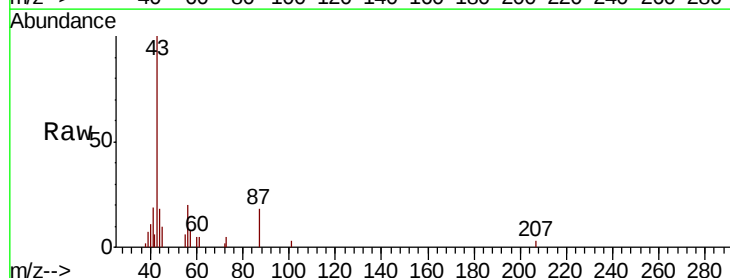
Acq: 15 Dec 2018 00:26

Tgt Ion: 43 Resp: 17092

Ion Ratio Lower Upper

43 100

58 0.0 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-2535) (-)

10.02

12000

10000

8000

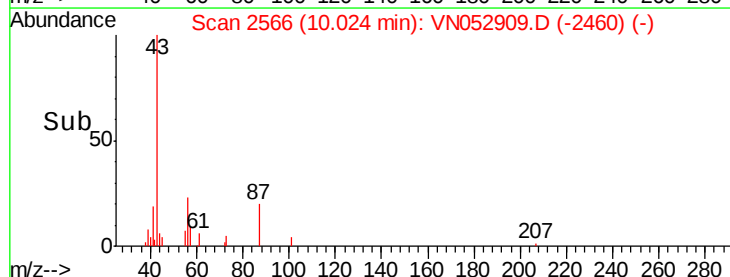
6000

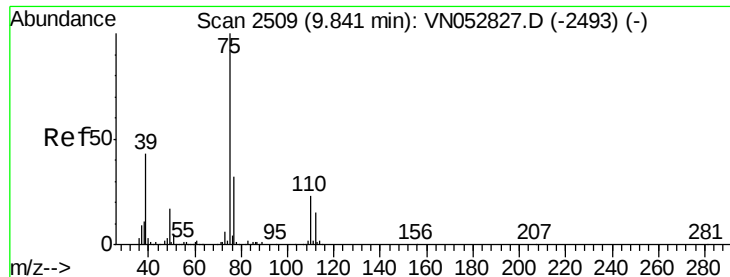
4000

2000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 5.236 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052909.D

Acq: 15 Dec 2018 00:26

Instrument :

MSVOA\_N

ClientSampleId :

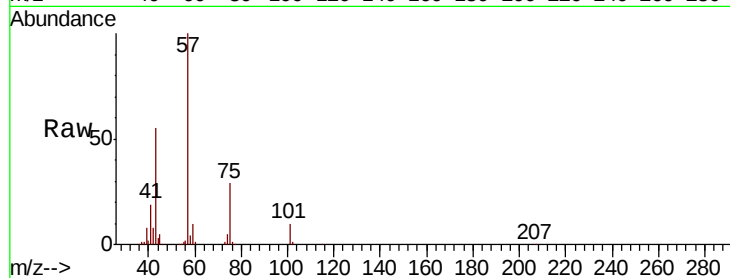
Tot Ion: 75 Resp: 118754

Ion Ratio Lower Upper

75 100

77 0.4 25.8 38.8#

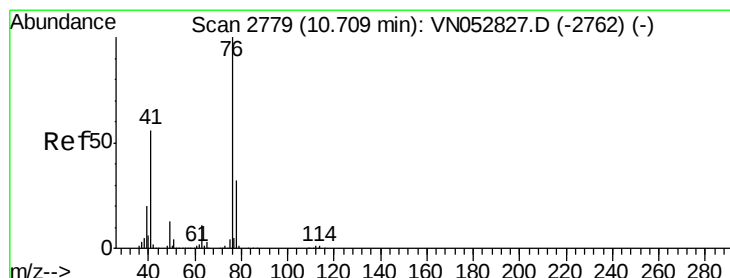
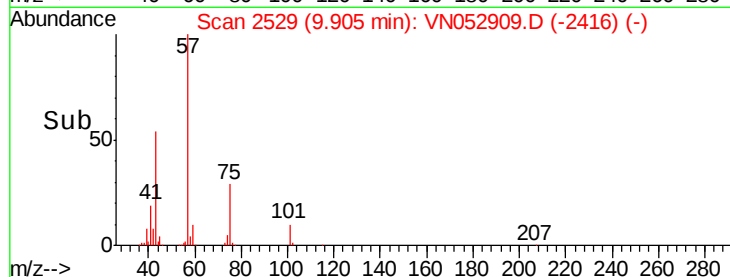
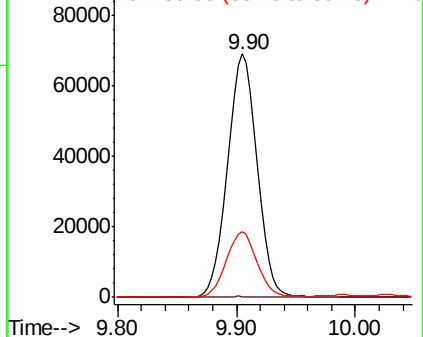
39 27.2 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VN052827.D (-2493) (-)

Ion 76.90 (76.60 to 77.60): VN052827.D (-2493) (-)

Ion 39.00 (38.70 to 39.70): VN052827.D (-2493) (-)



#57

1,3-Dichloropropane

Concen: 1.045 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN052909.D

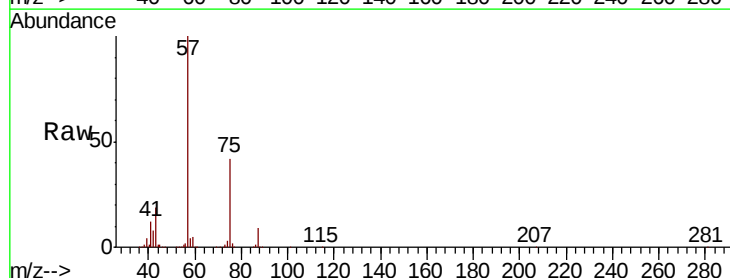
Acq: 15 Dec 2018 00:26

Tgt Ion: 76 Resp: 23272

Ion Ratio Lower Upper

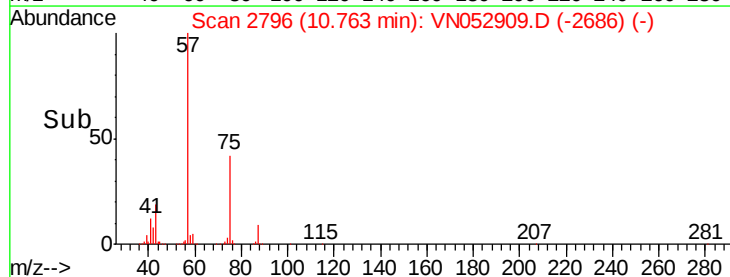
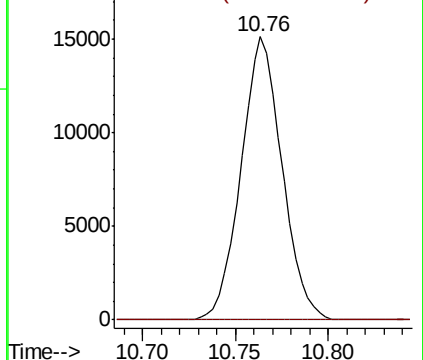
76 100

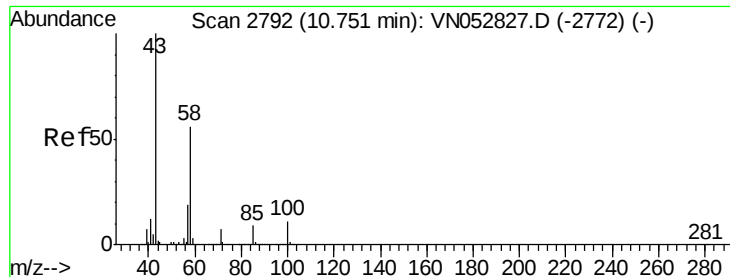
78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN052827.D (-2762) (-)

Ion 77.90 (77.60 to 78.60): VN052827.D (-2762) (-)

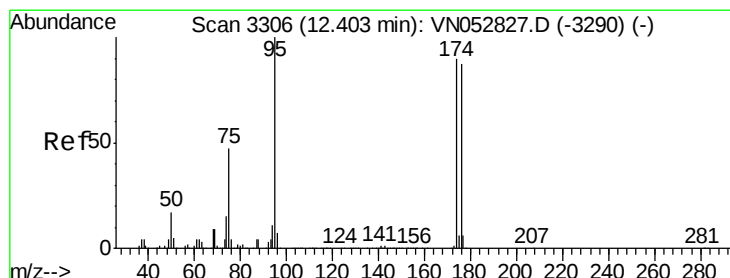
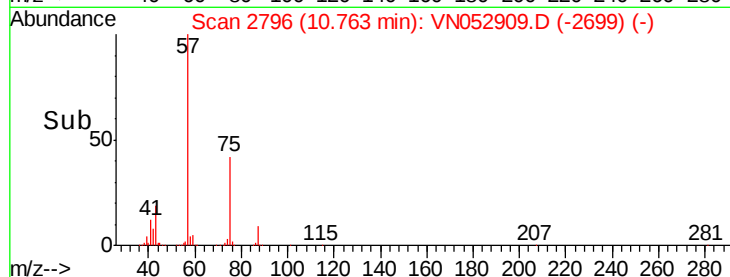
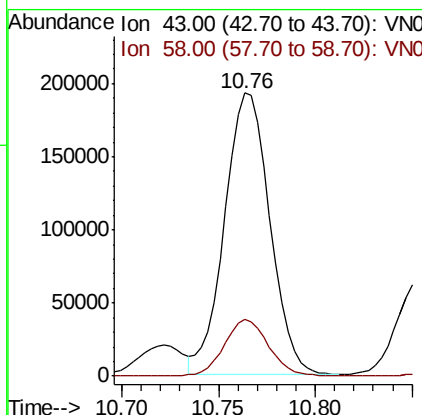
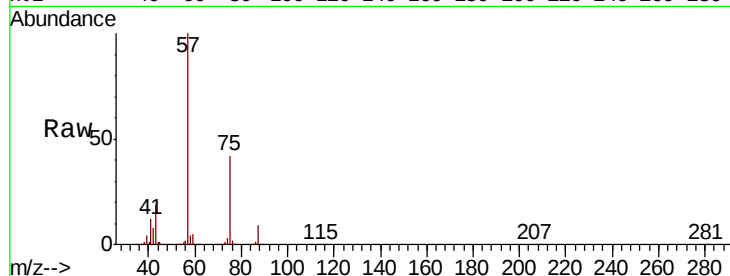




#59  
2-Hexanone  
Concen: 40.491 ug/l  
RT: 10.76 min Scan# 2796  
Delta R.T. 0.01 min  
Lab File: VN052909.D  
Acq: 15 Dec 2018 00:26

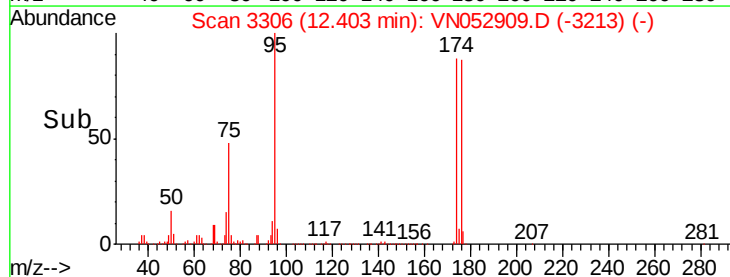
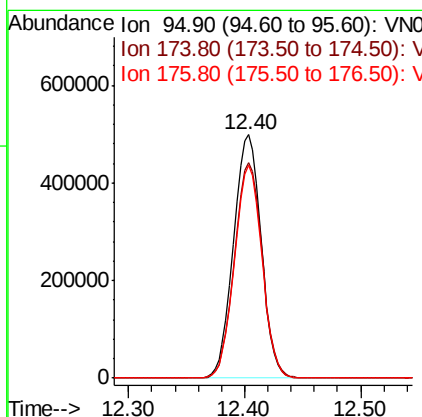
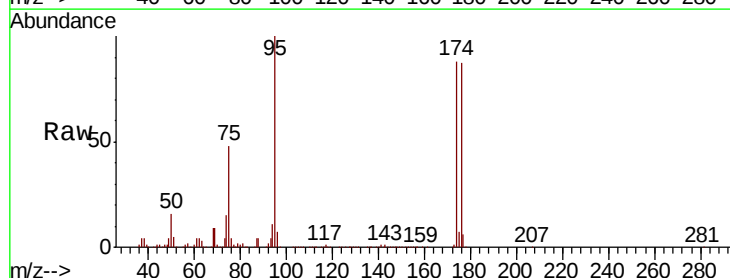
Instrument :  
MSVOA\_N  
ClientSampled :

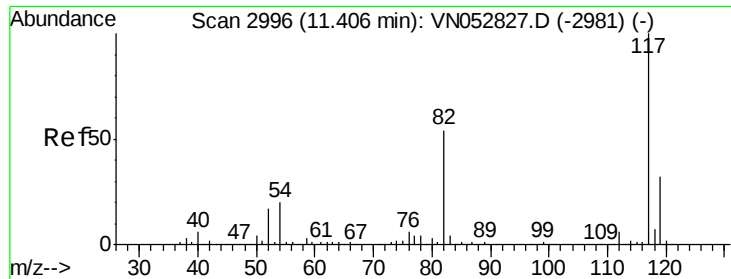
Tot Ion: 43 Resp: 313561  
Ion Ratio Lower Upper  
43 100  
58 19.8 28.1 84.3#



#62  
4-Bromofluorobenzene  
Concen: N.D. ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.00 min  
Lab File: VN052909.D  
Acq: 15 Dec 2018 00:26

Tgt Ion: 95 Resp: 818814  
Ion Ratio Lower Upper  
95 100  
174 89.2 0.0 178.8  
176 86.7 0.0 173.8

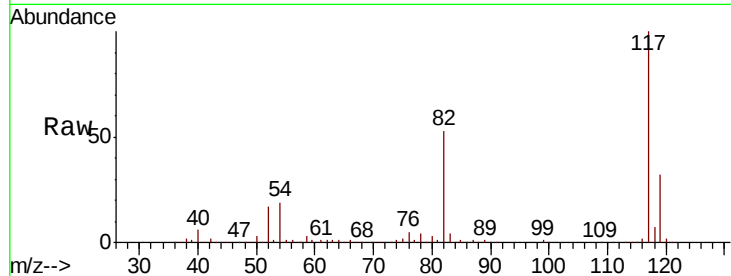




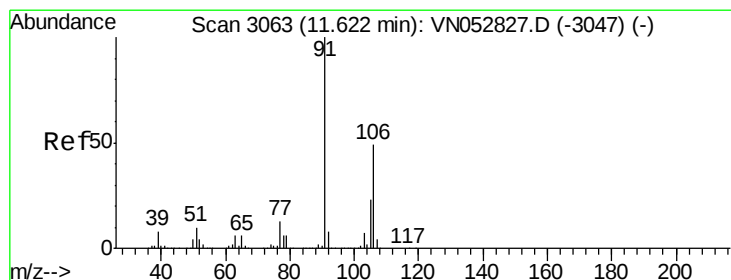
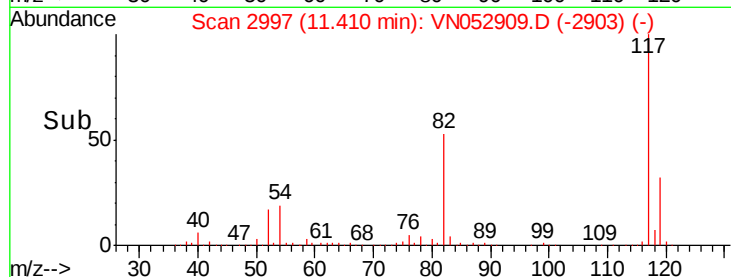
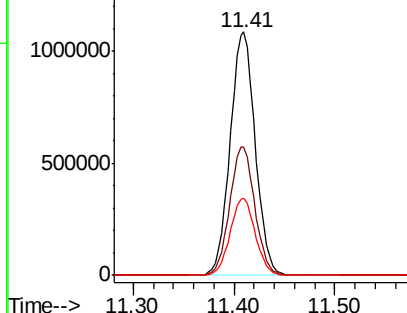
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2997  
Delta R.T. 0.00 min  
Lab File: VN052909.D  
Acq: 15 Dec 2018 00:26

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:117 Resp: 1879629  
Ion Ratio Lower Upper  
117 100  
82 52.6 42.8 64.2  
119 31.6 25.5 38.3

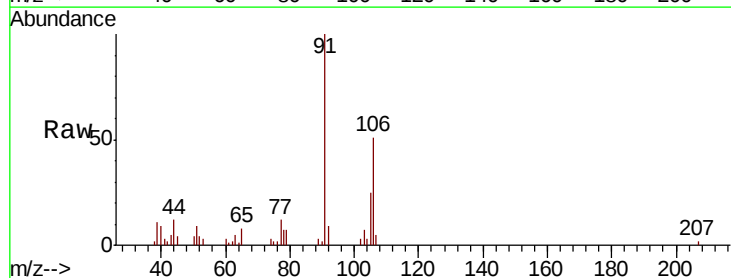


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VN  
Ion 118.90 (118.60 to 119.60): V

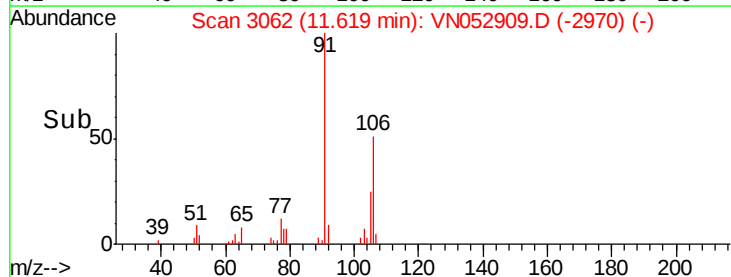
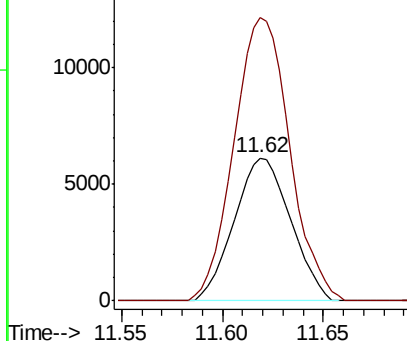


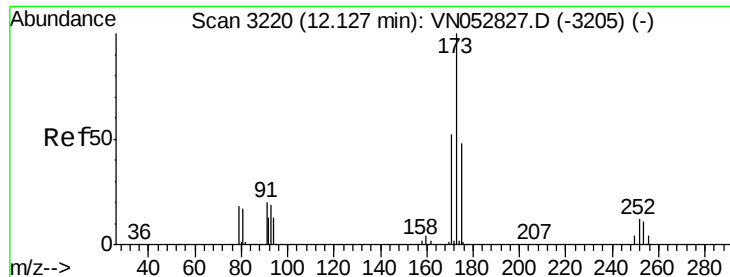
#68  
m/p-Xylenes  
Concen: 0.475 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN052909.D  
Acq: 15 Dec 2018 00:26

Tgt Ion:106 Resp: 11950  
Ion Ratio Lower Upper  
106 100  
91 196.1 162.2 243.4



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





#71

Bromoform

Concen: 0.532 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052909.D

Acq: 15 Dec 2018 00:26

Instrument :

MSVOA\_N

ClientSampled :

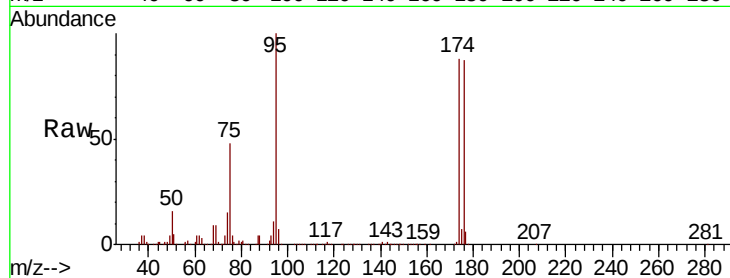
Tot Ion:173 Resp: 4901

Ion Ratio Lower Upper

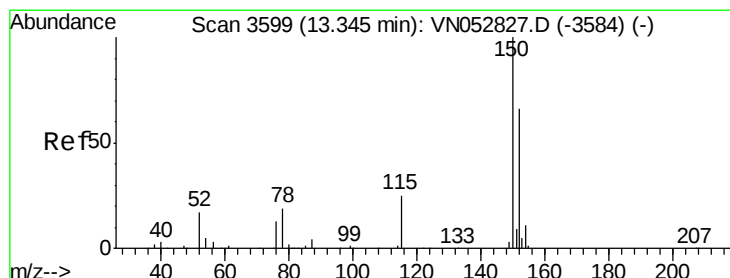
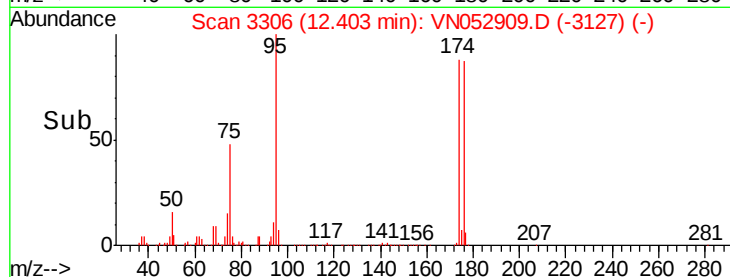
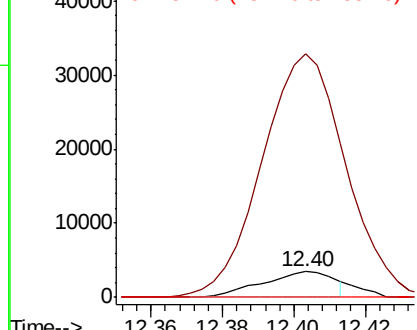
173 100

175 935.6 24.3 72.9#

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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052909.D

Acq: 15 Dec 2018 00:26

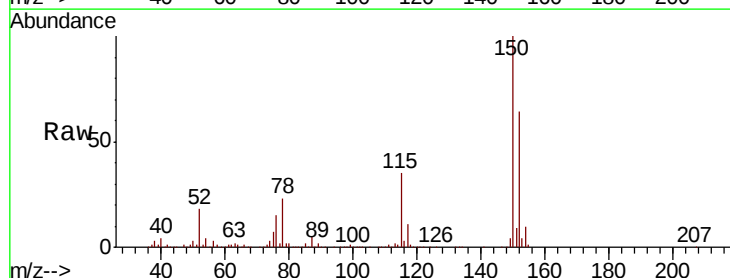
Tgt Ion:152 Resp: 730593

Ion Ratio Lower Upper

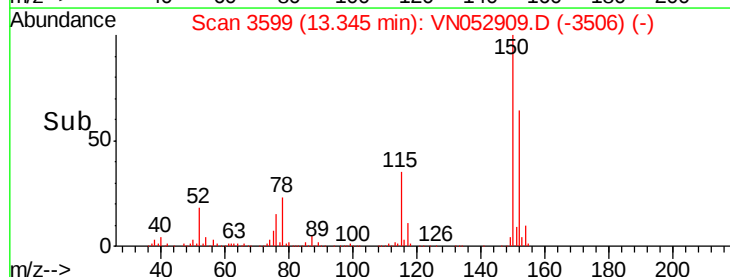
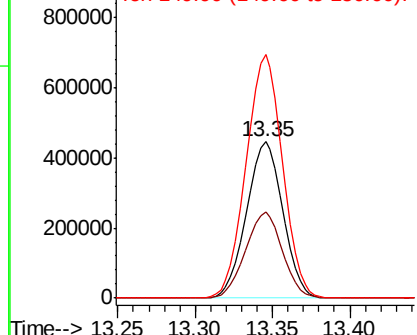
152 100

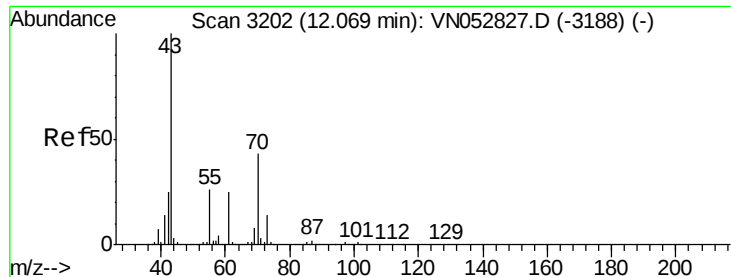
115 55.4 28.3 85.0

150 156.3 0.0 347.8



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: 2.275 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052909.D

Acq: 15 Dec 2018 00:26

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 43 Resp: 34068

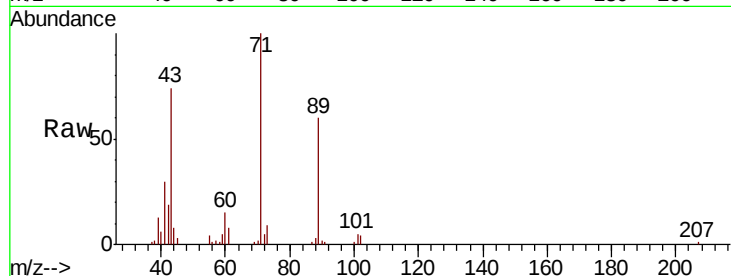
Ion Ratio Lower Upper

43 100

70 2.9 34.2 51.4#

55 5.9 20.3 30.5#

61 11.8 20.0 30.0#

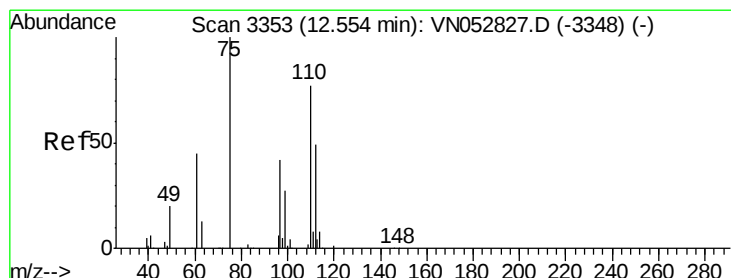
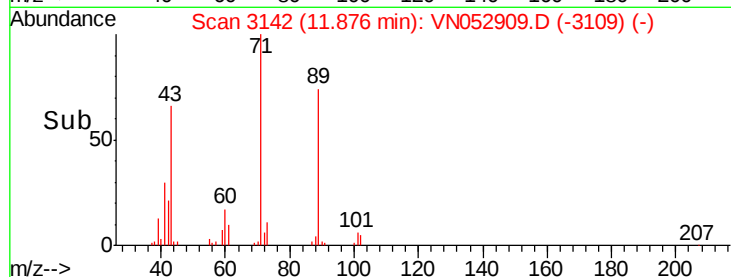
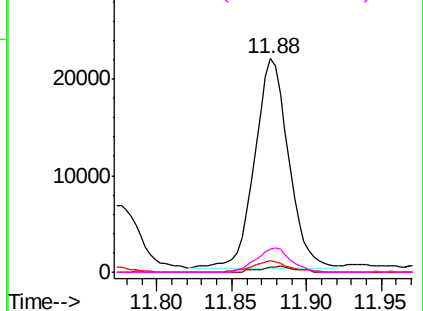


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 35.703 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052909.D

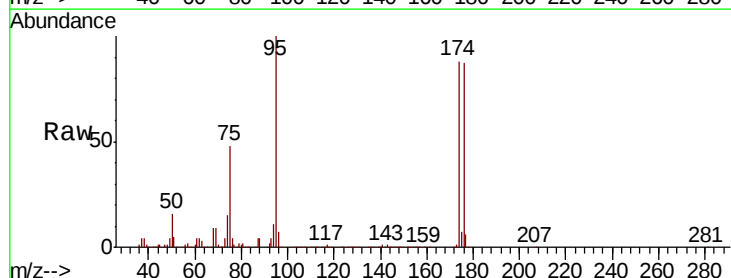
Acq: 15 Dec 2018 00:26

Tgt Ion: 75 Resp: 384843

Ion Ratio Lower Upper

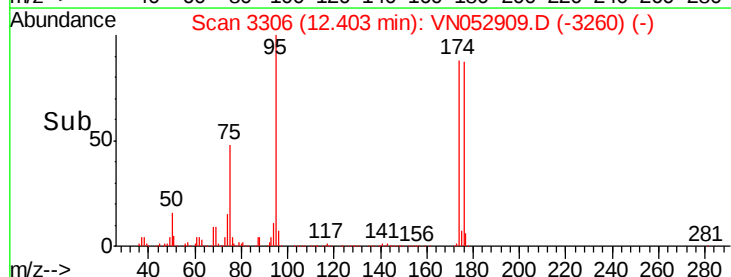
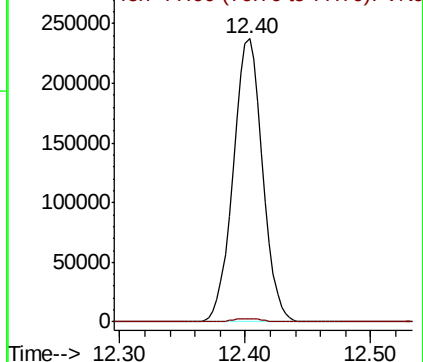
75 100

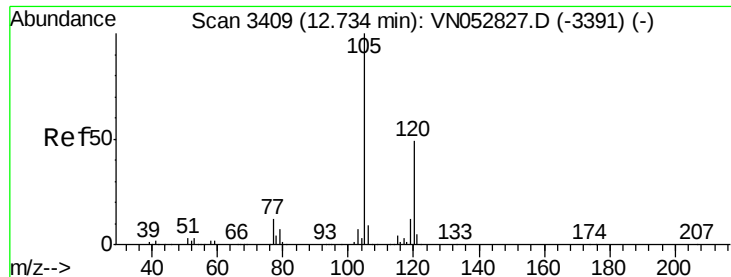
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

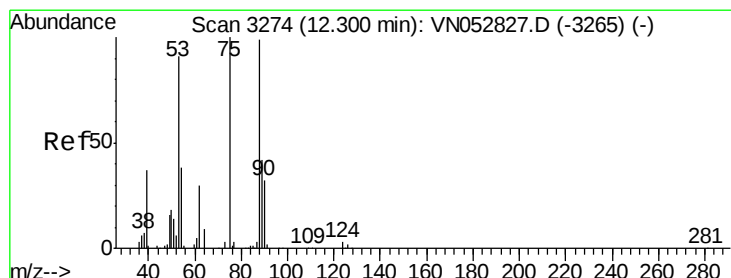
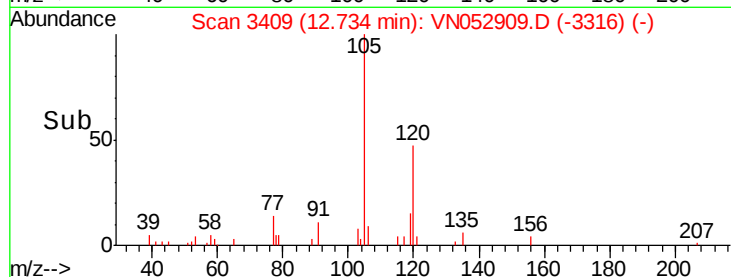
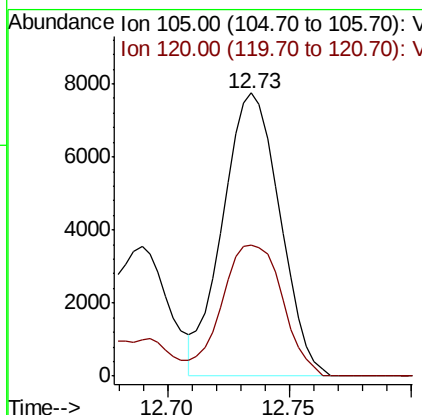
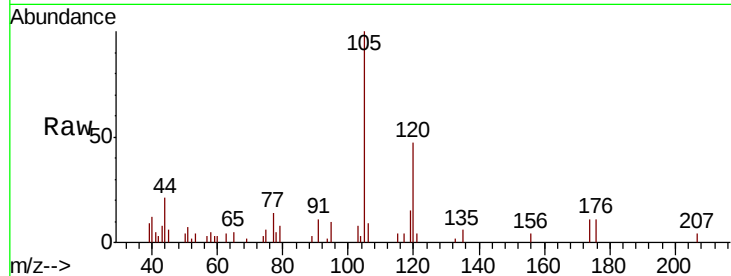




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.287 ug/l  
 RT: 12.73 min Scan# 3409  
 Delta R.T. 0.00 min  
 Lab File: VN052909.D  
 Acq: 15 Dec 2018 00:26

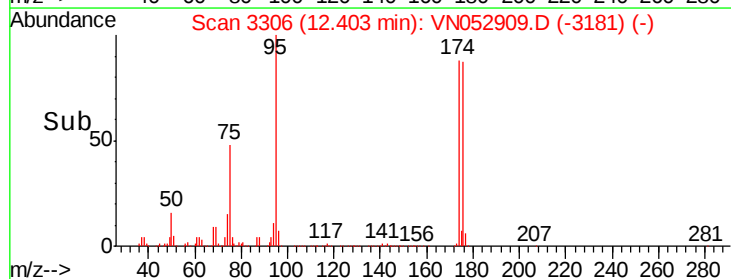
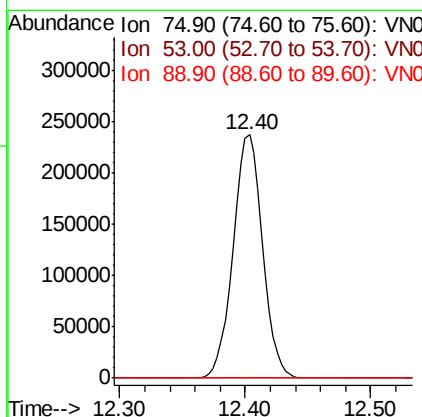
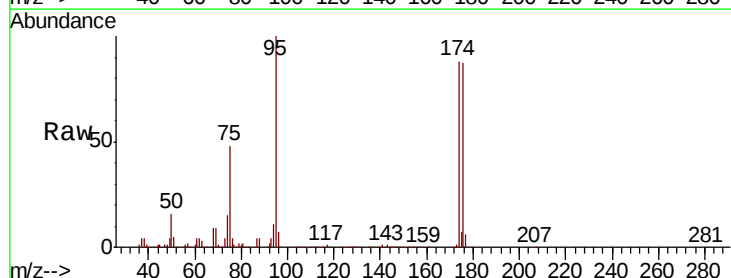
Instrument :  
 MSVOA\_N  
 ClientSampled :

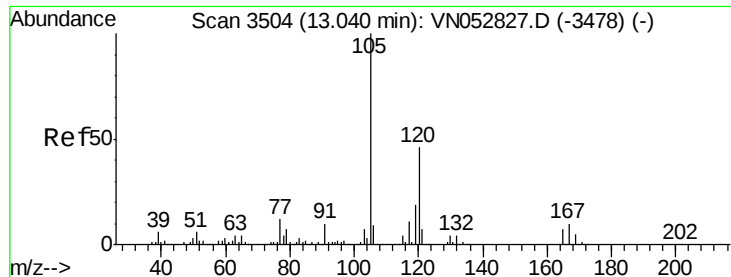
Tot Ion:105 Resp: 12648  
 Ion Ratio Lower Upper  
 105 100  
 120 48.9 24.4 73.2



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 114.695 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.10 min  
 Lab File: VN052909.D  
 Acq: 15 Dec 2018 00:26

Tgt Ion: 75 Resp: 384843  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 74.7 112.1#  
 89 0.0 36.1 54.1#

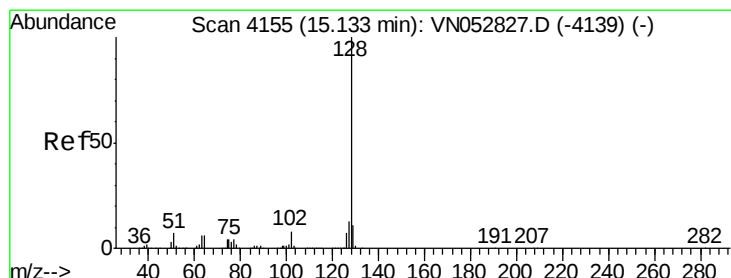
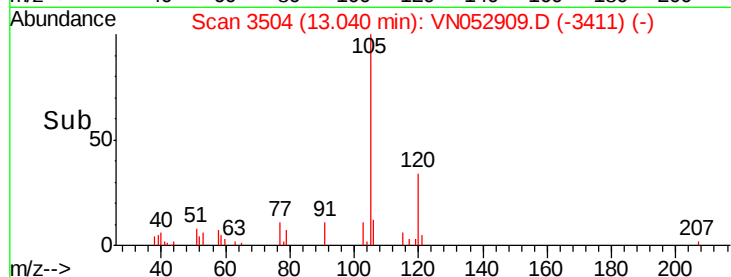
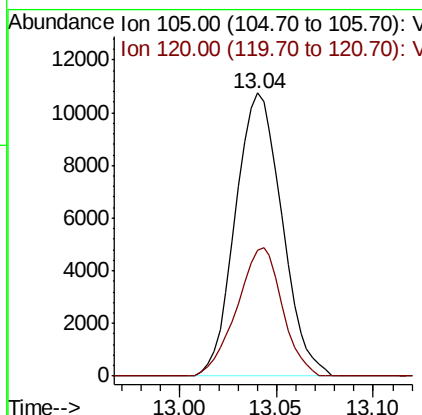
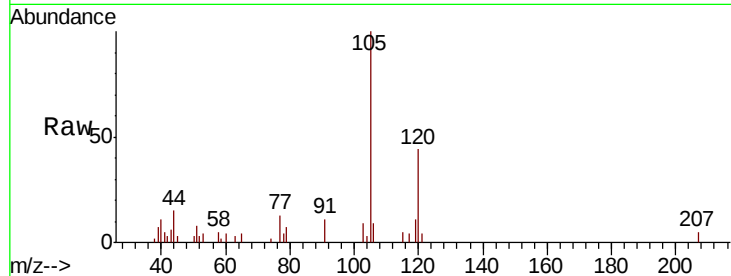




#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.403 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN052909.D  
 Acq: 15 Dec 2018 00:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:105 Resp: 17982  
 Ion Ratio Lower Upper  
 105 100  
 120 44.3 22.9 68.8



#95  
 Naphthalene  
 Concen: 3.439 ug/l  
 RT: 15.13 min Scan# 4155  
 Delta R.T. 0.00 min  
 Lab File: VN052909.D  
 Acq: 15 Dec 2018 00:26

Tgt Ion:128 Resp: 91837  
 Ion Ratio Lower Upper  
 128 100  
 127 13.0 10.2 15.4  
 129 11.0 8.6 13.0

