

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\  
 Data File : VN052895.D  
 Acq On : 14 Dec 2018 18:12  
 Operator : MD\SY  
 Sample : J6403-04  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 20 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 15 03:00:03 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

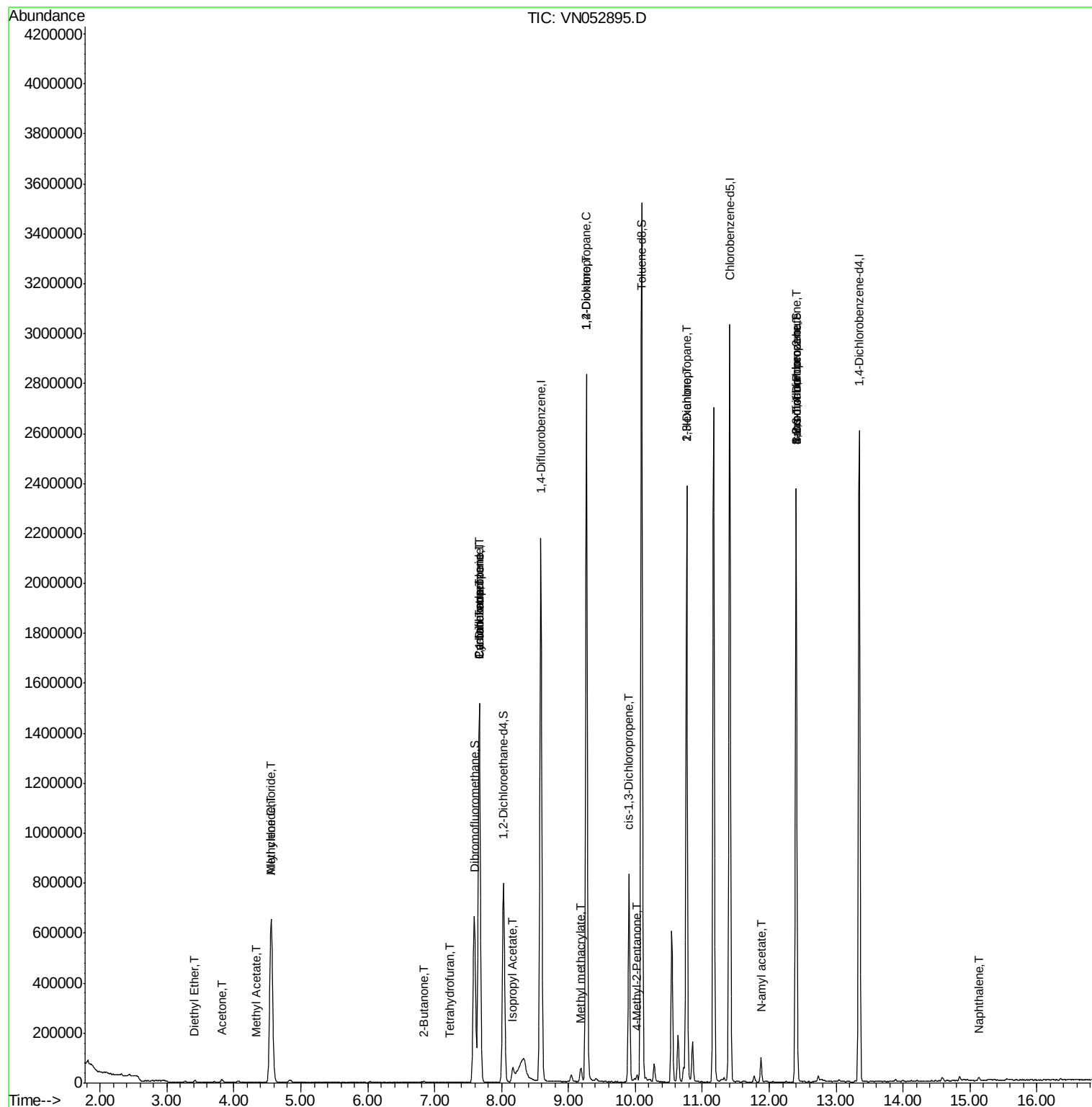
| Internal Standards             | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene          | 7.67   | 168  | 1324259  | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.59   | 114  | 2026210  | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 11.41  | 117  | 1827587  | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 13.35  | 152  | 741770   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4      | 8.03   | 65   | 665800   | 47.28   | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 94.56%  |          |
| 35) Dibromofluoromethane       | 7.59   | 113  | 517370   | 45.74   | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 91.48%  |          |
| 50) Toluene-d8                 | 10.09  | 98   | 2493318  | 50.84   | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 101.68% |          |
| 62) 4-Bromofluorobenzene       | 12.40  | 95   | 823617   | 49.57   | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 99.14%  |          |
| Target Compounds               |        |      |          |         |         |          |
|                                |        |      |          |         | Qvalue  |          |
| 8) Diethyl Ether               | 3.41   | 74   | 4625     | 0.625   | ug/l    | 75       |
| 14) Allyl chloride             | 4.55   | 41   | 18348    | 0.923   | ug/l #  | 24       |
| 16) Acetone                    | 3.81   | 43   | 21674    | 6.854   | ug/l    | 97       |
| 18) Methyl Acetate             | 4.33   | 43   | 4168     | 0.359   | ug/l #  | 81       |
| 20) Methylene Chloride         | 4.56   | 84   | 515047   | 36.190  | ug/l    | 97       |
| 25) 2-Butanone                 | 6.84   | 43   | 1328     | 0.271   | ug/l #  | 63       |
| 29) Tetrahydrofuran            | 7.21   | 42   | 873      | 0.261   | ug/l #  | 86       |
| 31) Cyclohexane                | 7.67   | 56   | 22383    | 0.362   | ug/l #  | 1        |
| 36) 1,1-Dichloropropene        | 7.67   | 75   | 88742    | 4.756   | ug/l #  | 49       |
| 38) Carbon Tetrachloride       | 7.67   | 117  | 115657   | 6.734   | ug/l #  | 16       |
| 43) Isopropyl Acetate          | 8.17   | 43   | 77114    | 3.355   | ug/l #  | 80       |
| 45) 1,2-Dichloropropane        | 9.26   | 63   | 3518     | 0.240   | ug/l #  | 44       |
| 48) Methyl methacrylate        | 9.18   | 41   | 21768    | 2.160   | ug/l #  | 21       |
| 49) 1,4-Dioxane                | 9.26   | 88   | 203      | 1.775   | ug/l #  | 1        |
| 51) 4-Methyl-2-Pentanone       | 10.02  | 43   | 23016    | 2.184   | ug/l #  | 35       |
| 54) cis-1,3-Dichloropropene    | 9.90   | 75   | 154531   | 7.305   | ug/l #  | 61       |
| 57) 1,3-Dichloropropane        | 10.76  | 76   | 26030    | 1.254   | ug/l #  | 43       |
| 59) 2-Hexanone                 | 10.77  | 43   | 336031   | 46.530  | ug/l #  | 50       |
| 71) Bromoform                  | 12.40  | 173  | 4877     | 0.544   | ug/l #  | 1        |
| 74) N-amyl acetate             | 11.88  | 43   | 29914    | 1.967   | ug/l #  | 51       |
| 76) 1,2,3-Trichloropropane     | 12.40  | 75   | 385635   | 35.237  | ug/l #  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.40  | 75   | 385635   | 113.199 | ug/l #  | 12       |
| 95) Naphthalene                | 15.13  | 128  | 10155    | 0.375   | ug/l    | 98       |

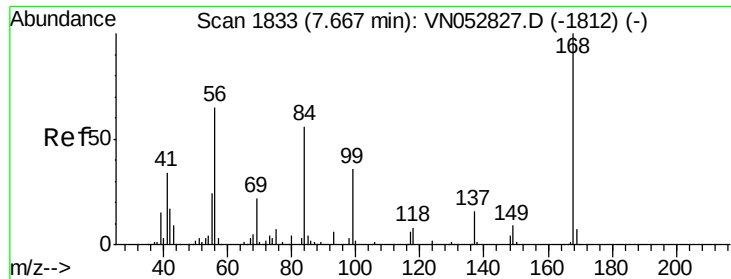
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121418\  
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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# 1833

Delta R.T. -0.00 min

Lab File: VN052895.D

Acq: 14 Dec 2018 18:12

Instrument :

MSVOA\_N

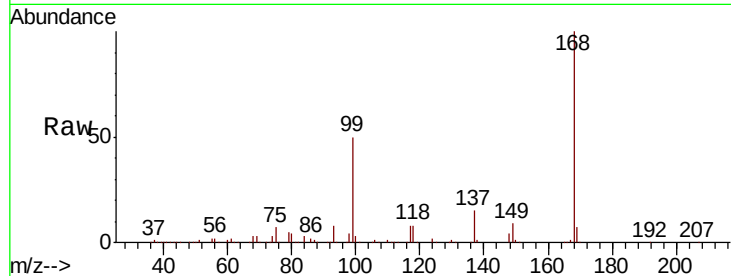
ClientSampled :

Tot Ion:168 Resp: 1324259

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

600000

500000

400000

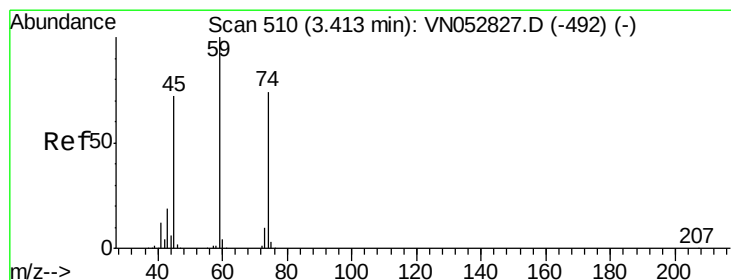
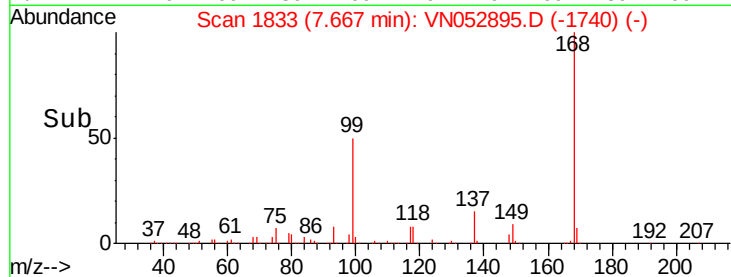
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 0.625 ug/l

RT: 3.41 min Scan# 510

Delta R.T. -0.00 min

Lab File: VN052895.D

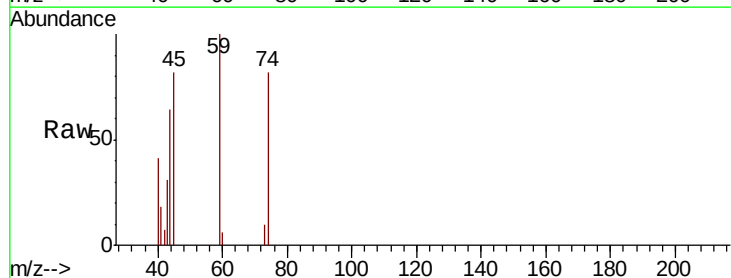
Acq: 14 Dec 2018 18:12

Tgt Ion: 74 Resp: 4625

Ion Ratio Lower Upper

74 100

45 123.3 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VN052827.D (-492) (-)

Ion 45.00 (44.70 to 45.70): VN052827.D (-492) (-)

3.41

2500

2000

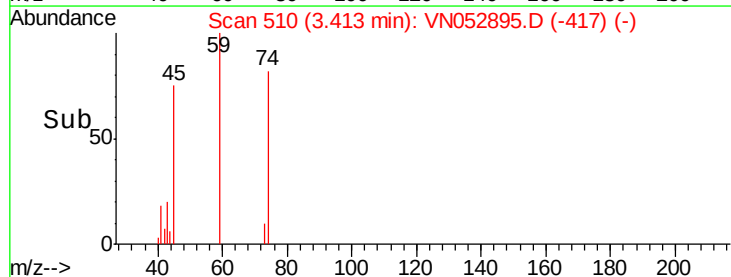
1500

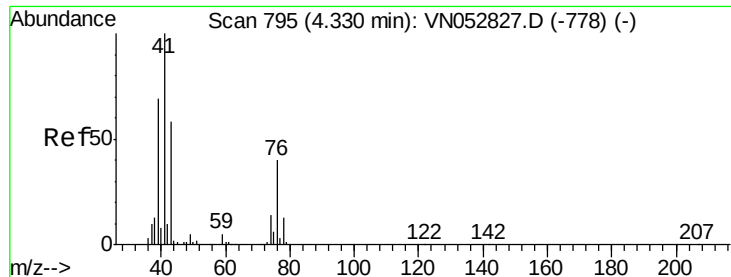
1000

500

0

Time-->

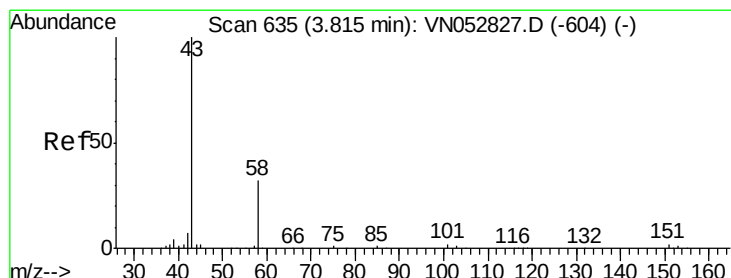
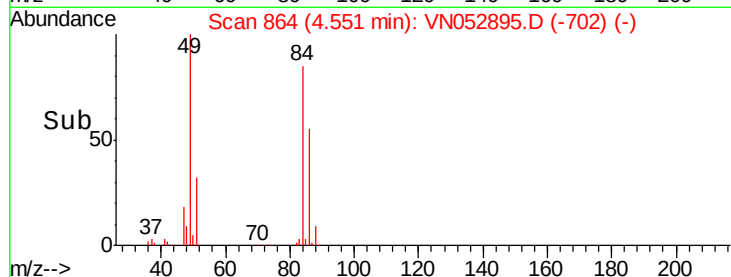
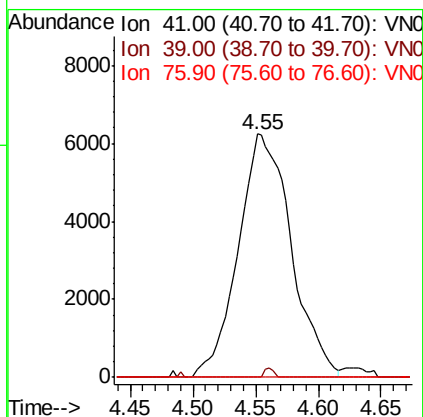
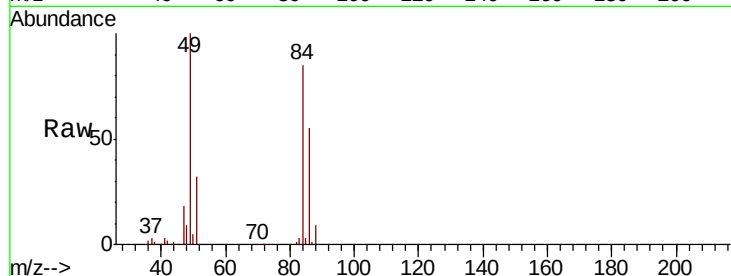




#14  
Allvl chloride  
Concen: 0.923 ug/l  
RT: 4.55 min Scan# 864  
Delta R.T. 0.22 min  
Lab File: VN052895.D  
Acq: 14 Dec 2018 18:12

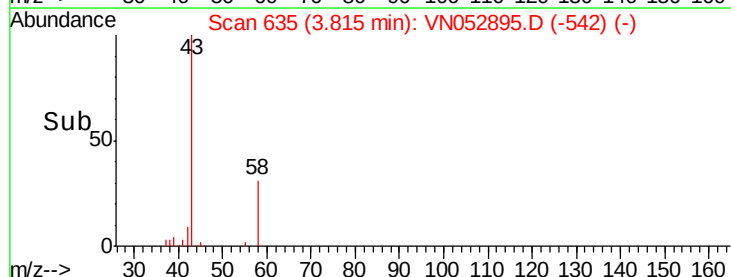
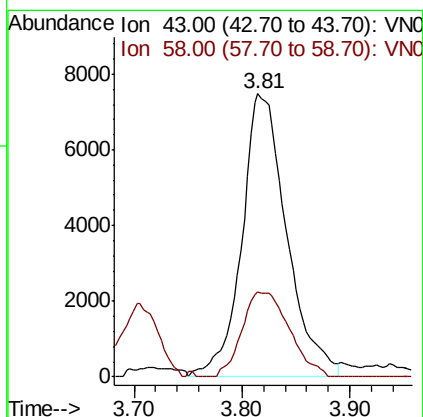
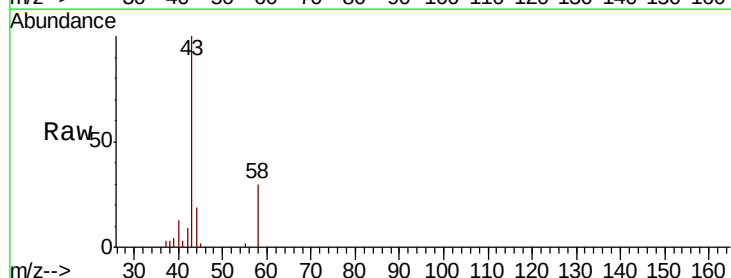
Instrument :  
MSVOA\_N  
ClientSampled :

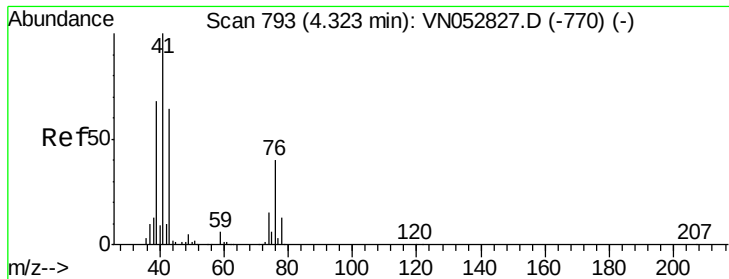
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 0.6   | 54.1  | 81.1# |
| 76      | 0.0   | 30.3  | 45.5# |



#16  
Acetone  
Concen: 6.854 ug/l  
RT: 3.81 min Scan# 635  
Delta R.T. -0.00 min  
Lab File: VN052895.D  
Acq: 14 Dec 2018 18:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 30.0  | 25.4  | 38.0  |

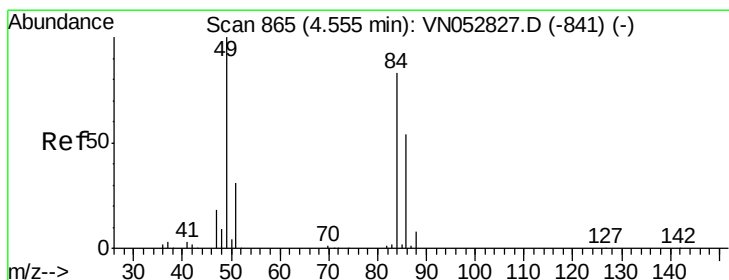
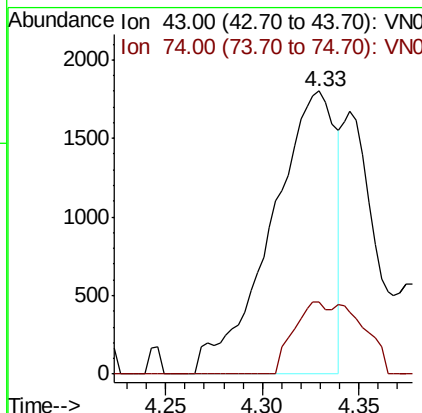
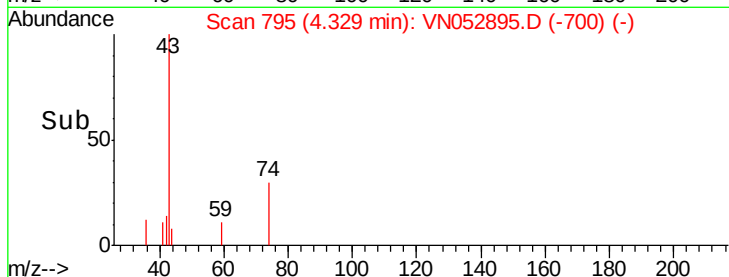
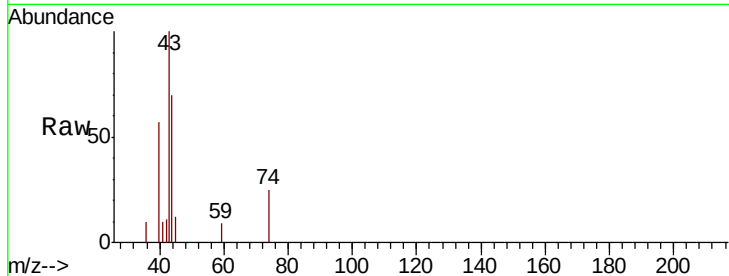




#18  
Methyl Acetate  
Concen: 0.359 ug/l  
RT: 4.33 min Scan# 795  
Delta R.T. 0.01 min  
Lab File: VN052895.D  
Acq: 14 Dec 2018 18:12

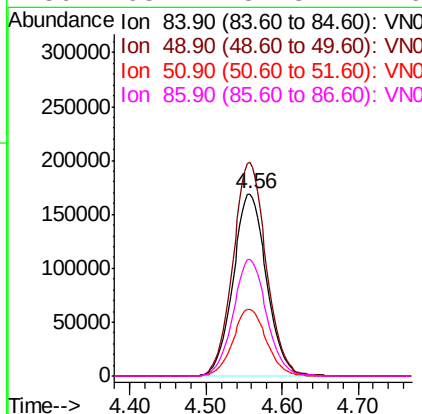
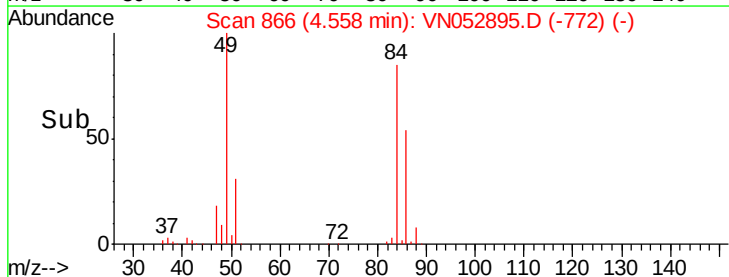
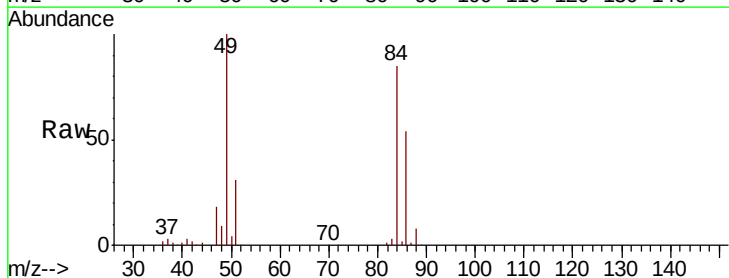
Instrument :  
MSVOA\_N  
ClientSampled :

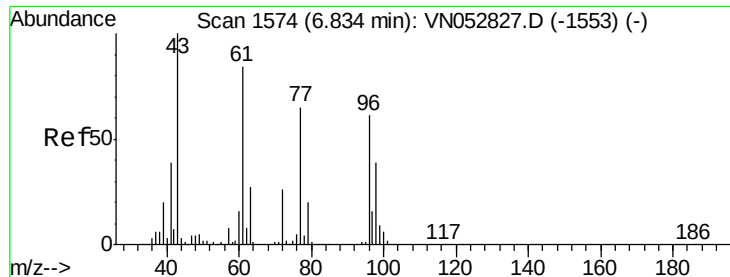
Tot Ion: 43 Resp: 4168  
Ion Ratio Lower Upper  
43 100  
74 14.8 19.2 28.8#



#20  
Methylene Chloride  
Concen: 36.190 ug/l  
RT: 4.56 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: VN052895.D  
Acq: 14 Dec 2018 18:12

Tgt Ion: 84 Resp: 515047  
Ion Ratio Lower Upper  
84 100  
49 117.1 96.8 145.2  
51 36.2 29.9 44.9  
86 63.7 51.8 77.6





#25

2-Butanone

Concen: 0.271 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052895.D

Acq: 14 Dec 2018 18:12

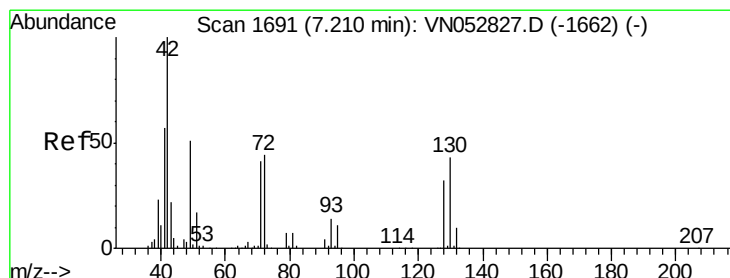
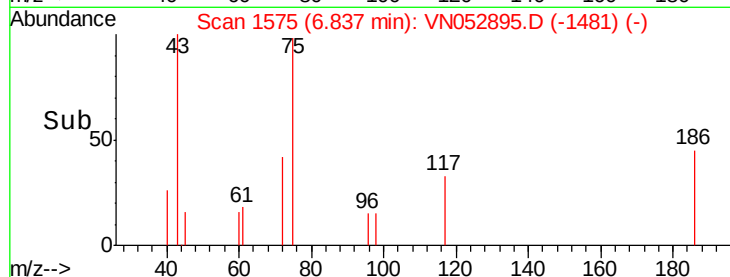
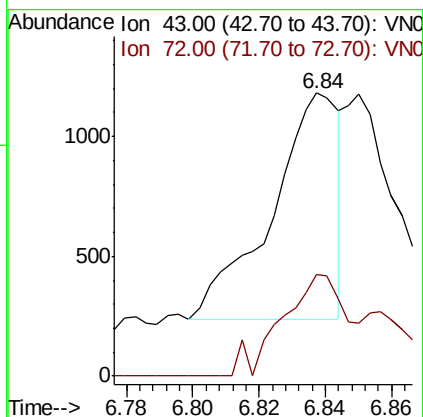
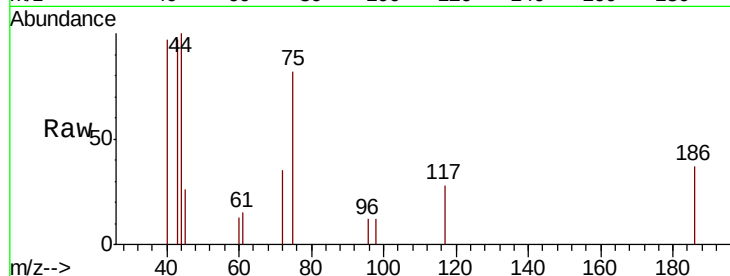
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 1328

Ion Ratio Lower Upper

43 100

72 45.1 21.0 31.6#



#29

Tetrahydrofuran

Concen: 0.261 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VN052895.D

Acq: 14 Dec 2018 18:12

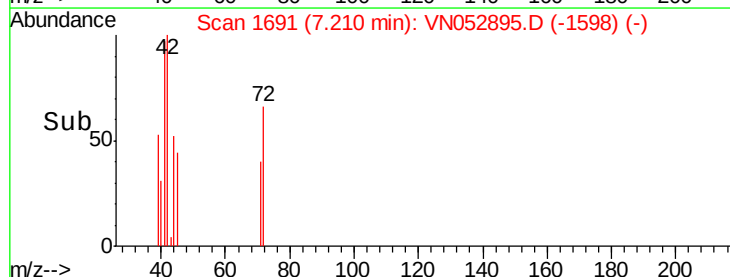
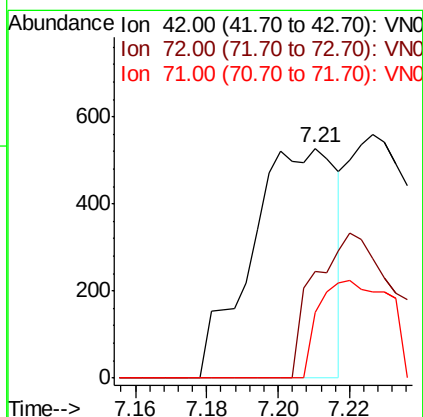
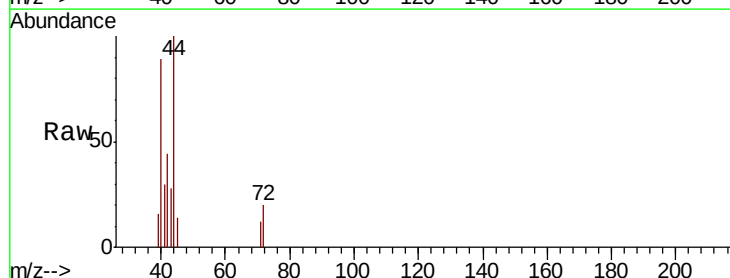
Tgt Ion: 42 Resp: 873

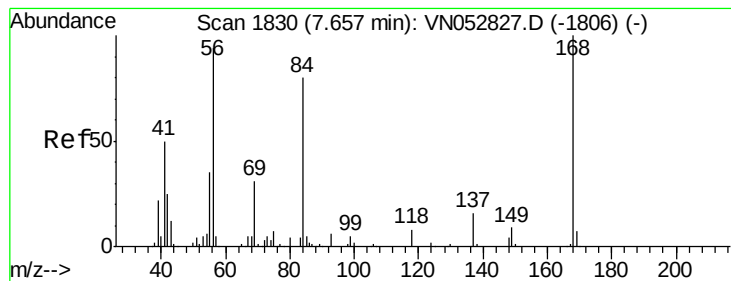
Ion Ratio Lower Upper

42 100

72 55.8 34.7 52.1#

71 34.7 32.3 48.5





#31

Cyclohexane

Concen: 0.362 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN052895.D

Acq: 14 Dec 2018 18:12

Instrument :

MSVOA\_N

ClientSampled :

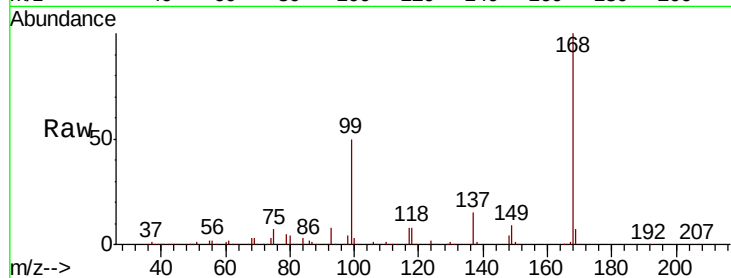
Tot Ion: 56 Resp: 22383

Ion Ratio Lower Upper

56 100

69 187.8 26.6 39.8#

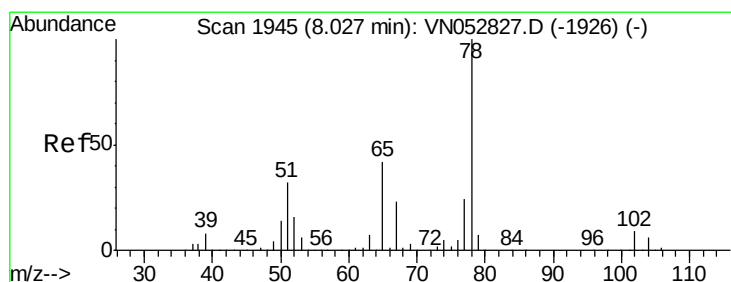
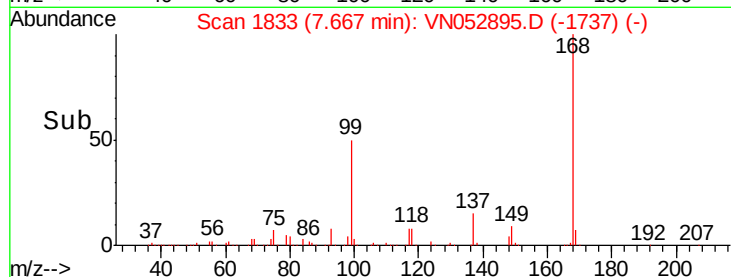
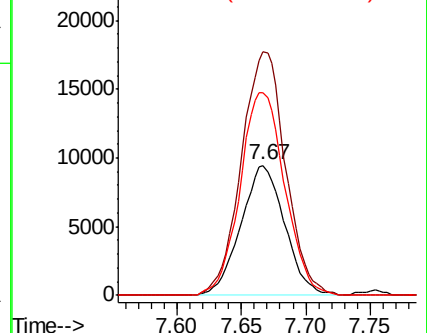
84 156.7 68.4 102.6#



Abundance Ion 56.00 (55.70 to 56.70): VN052827.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN052827.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN052827.D (-1806) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052895.D

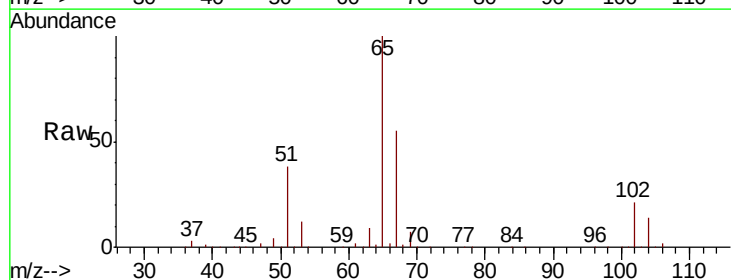
Acq: 14 Dec 2018 18:12

Tgt Ion: 65 Resp: 665800

Ion Ratio Lower Upper

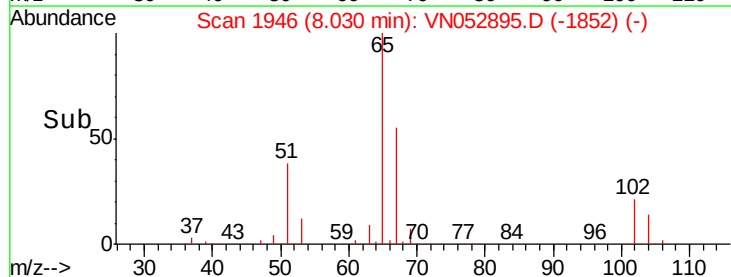
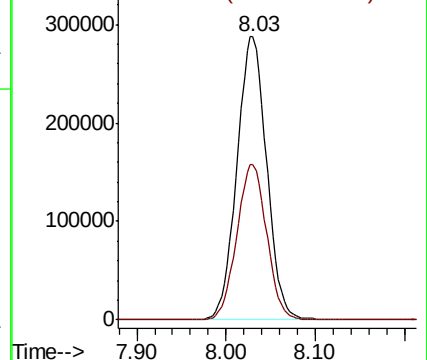
65 100

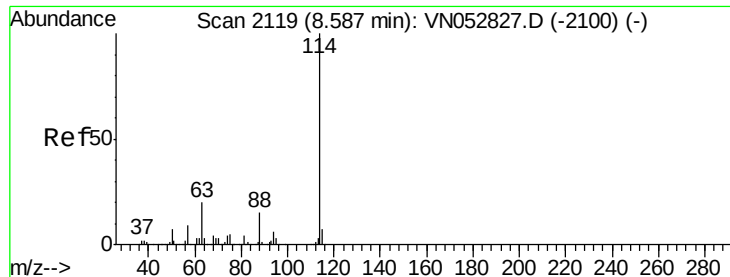
67 55.2 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052827.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052827.D (-1926) (-)

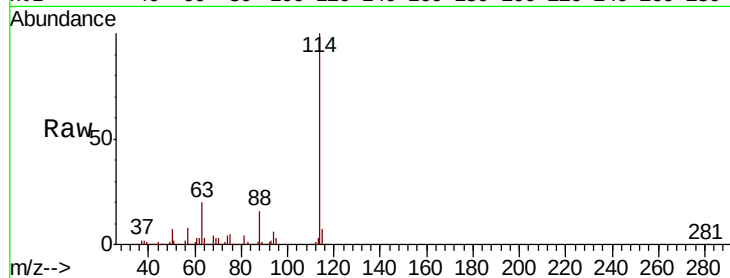




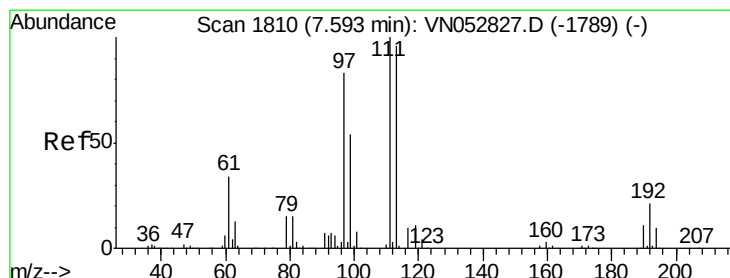
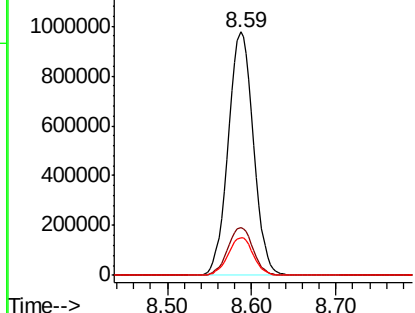
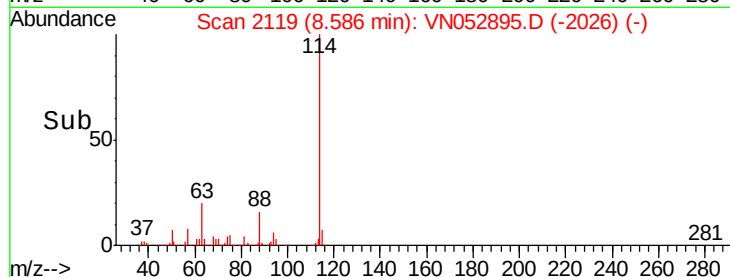
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN052895.D  
 Acq: 14 Dec 2018 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:114 Resp: 2026210  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 39.8  
 88 15.6 0.0 31.0

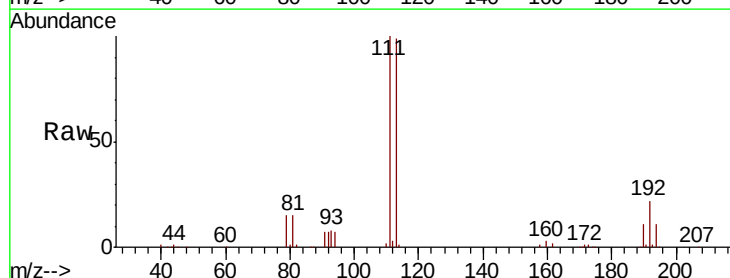


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VN  
 Ion 87.90 (87.60 to 88.60): VN

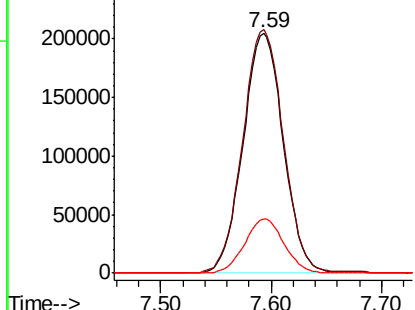
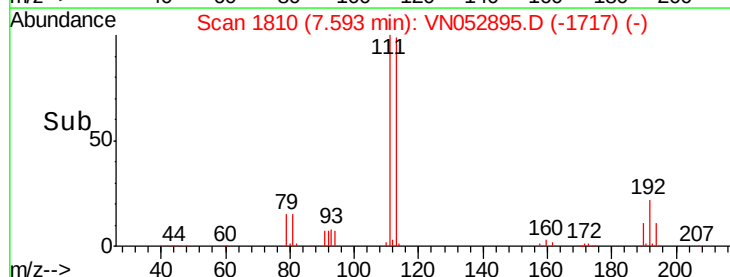


#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. -0.00 min  
 Lab File: VN052895.D  
 Acq: 14 Dec 2018 18:12

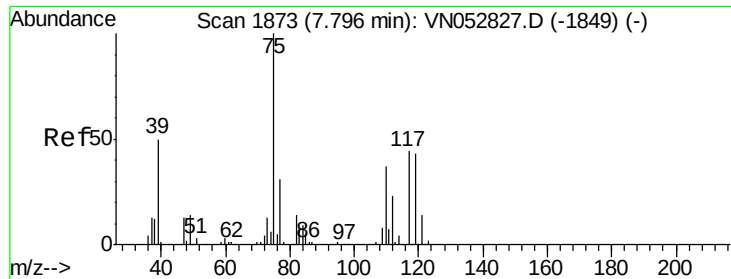
Tgt Ion:113 Resp: 517370  
 Ion Ratio Lower Upper  
 113 100  
 111 103.2 83.0 124.4  
 192 22.2 17.5 26.3



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



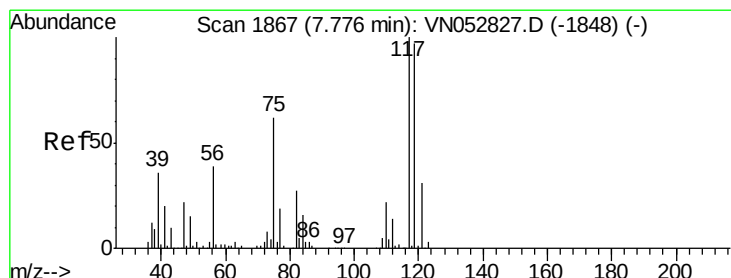
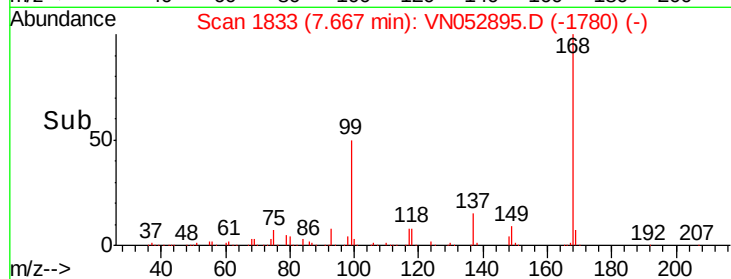
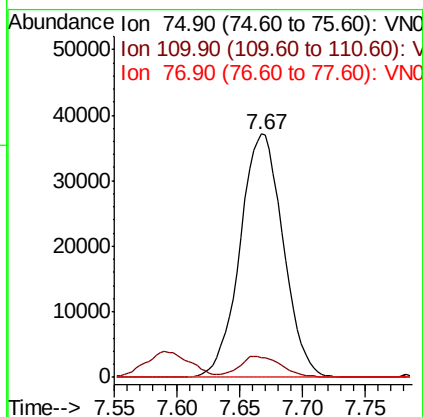
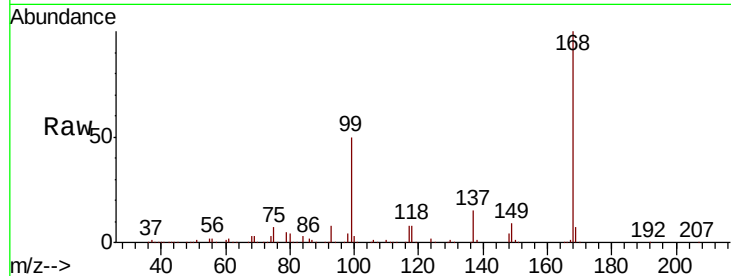




#36  
 1,1-Dichloropropene  
 Concen: 4.756 ug/l  
 RT: 7.67 min Scan# 1833  
 Delta R.T. -0.13 min  
 Lab File: VN052895.D  
 Acq: 14 Dec 2018 18:12

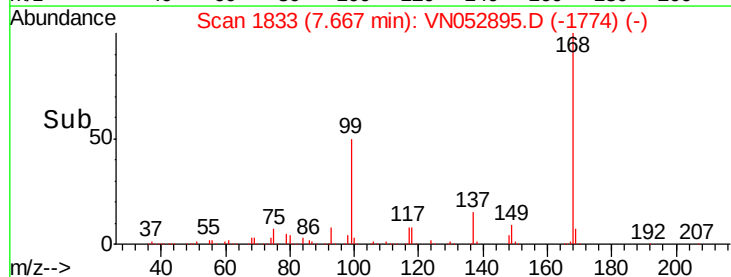
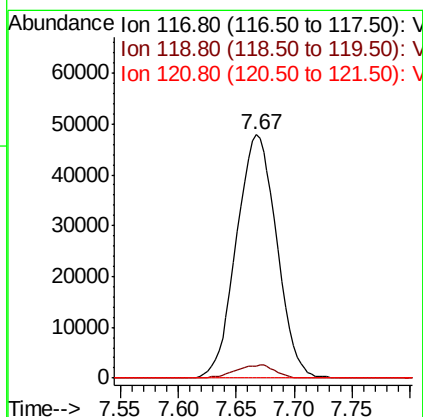
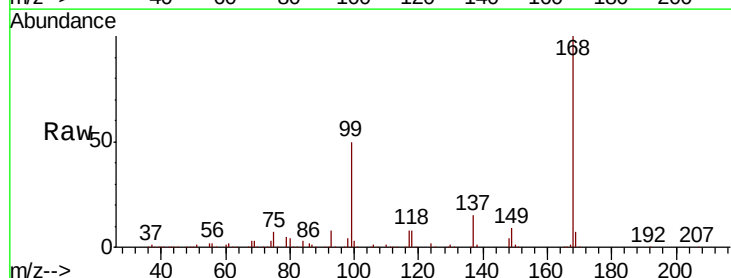
Instrument :  
 MSVOA\_N  
 ClientSampled :

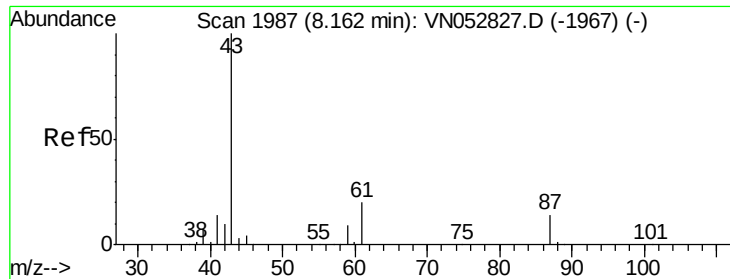
| Tot Ion   | 75  | Resp  | 88742 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 75        | 100 |       |       |
| 110       | 8.5 | 18.2  | 54.6# |
| 77        | 0.0 | 24.9  | 37.3# |



#38  
 Carbon Tetrachloride  
 Concen: 6.734 ug/l  
 RT: 7.67 min Scan# 1833  
 Delta R.T. -0.11 min  
 Lab File: VN052895.D  
 Acq: 14 Dec 2018 18:12

| Tgt Ion                                              | 117 | Resp  | 115657 |
|------------------------------------------------------|-----|-------|--------|
| Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td> | 100 | Lower | Upper  |
| 117                                                  | 100 |       |        |
| 119                                                  | 4.9 | 77.1  | 115.7# |
| 121                                                  | 0.0 | 24.9  | 37.3#  |





#43

Isopropyl Acetate

Concen: 3.355 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052895.D

Acq: 14 Dec 2018 18:12

Instrument :

MSVOA\_N

ClientSampleId :

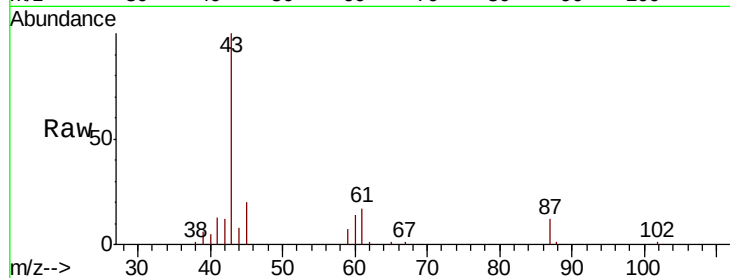
Tot Ion: 43 Resp: 77114

Ion Ratio Lower Upper

43 100

61 15.0 22.9 34.3#

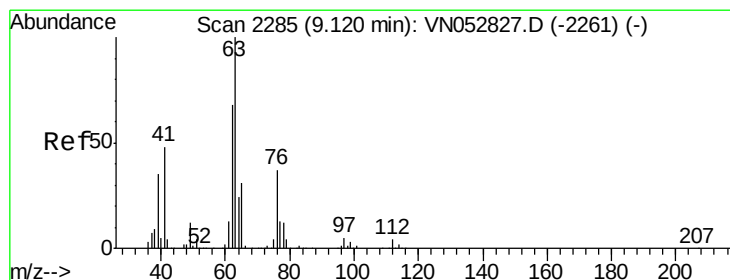
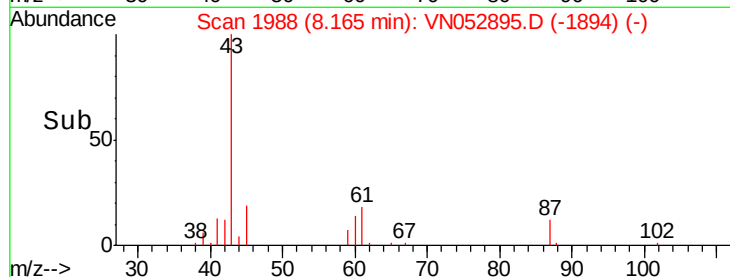
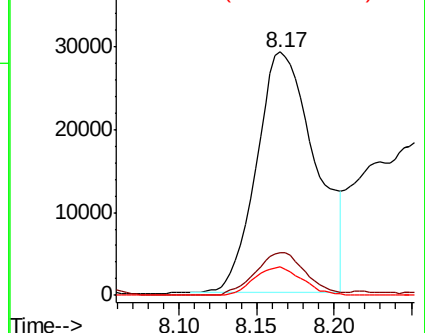
87 9.5 10.6 15.8#



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: 0.240 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN052895.D

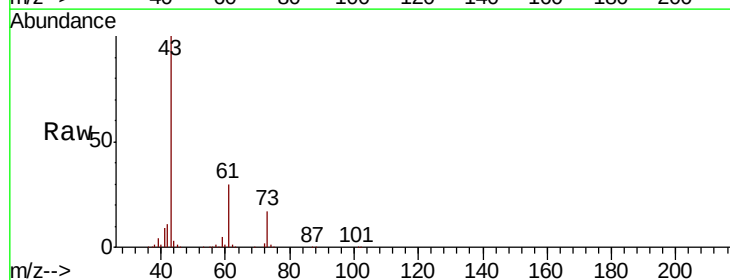
Acq: 14 Dec 2018 18:12

Tgt Ion: 63 Resp: 3518

Ion Ratio Lower Upper

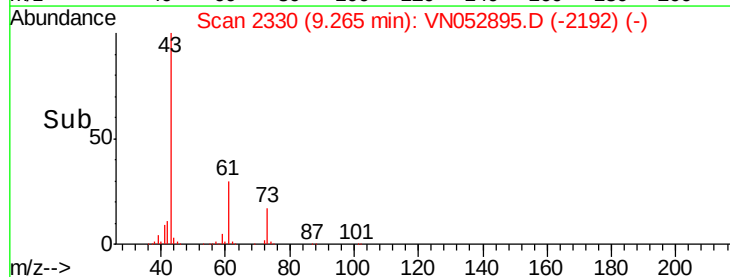
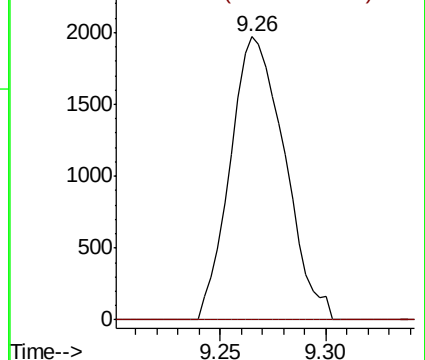
63 100

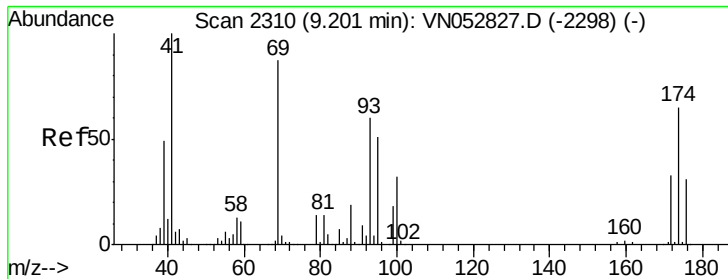
65 0.0 24.6 37.0#



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

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

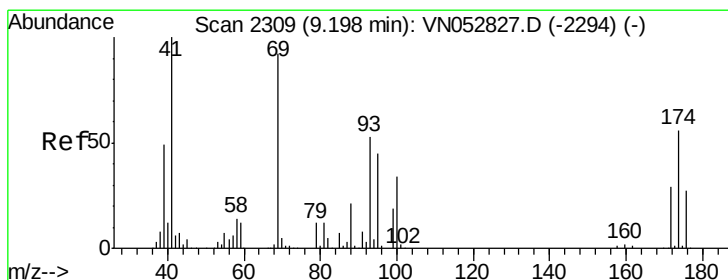
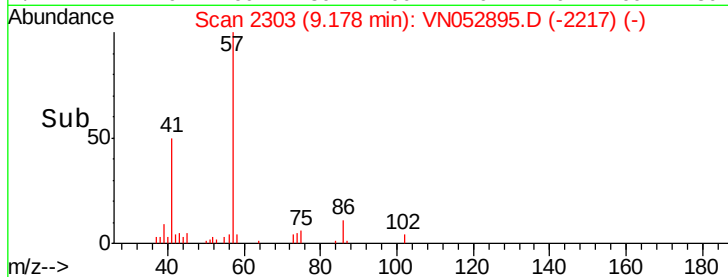
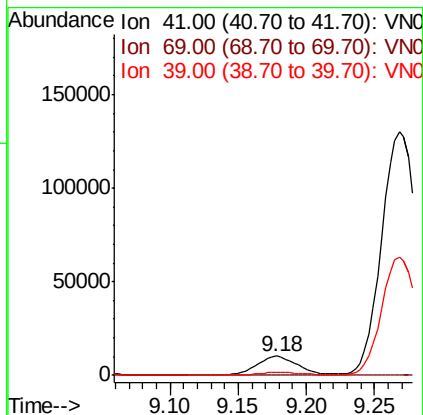
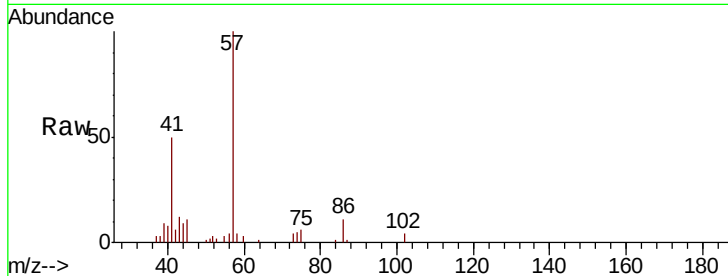




#48  
Methvl methacrylate  
Concen: 2.160 ug/l  
RT: 9.18 min Scan# 2303  
Delta R.T. -0.02 min  
Lab File: VN052895.D  
Acq: 14 Dec 2018 18:12

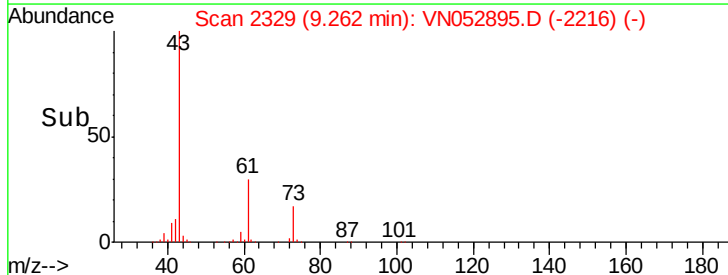
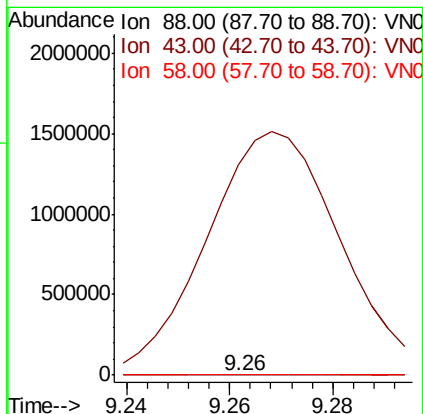
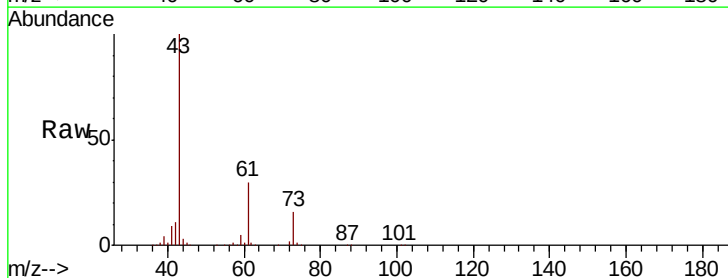
Instrument :  
MSVOA\_N  
ClientSampleId :

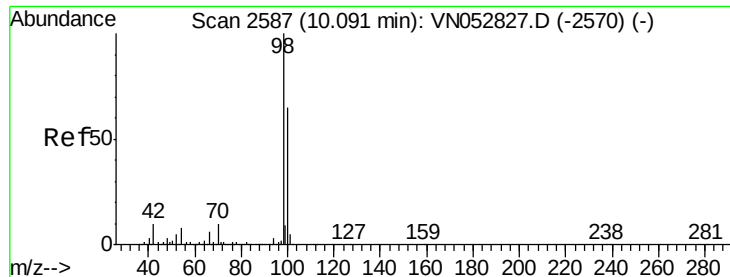
Tot Ion: 41 Resp: 21768  
Ion Ratio Lower Upper  
41 100  
69 0.0 72.2 108.2#  
39 16.9 41.9 62.9#



#49  
1,4-Dioxane  
Concen: 1.775 ug/l  
RT: 9.26 min Scan# 2329  
Delta R.T. 0.06 min  
Lab File: VN052895.D  
Acq: 14 Dec 2018 18:12

Tgt Ion: 88 Resp: 203  
Ion Ratio Lower Upper  
88 100  
43 1360296.6 26.6 40.0#  
58 5749.8 58.4 87.6#





#50

Toluene-d8

Concen: 1.775 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052895.D

Acq: 14 Dec 2018 18:12

Instrument :

MSVOA\_N

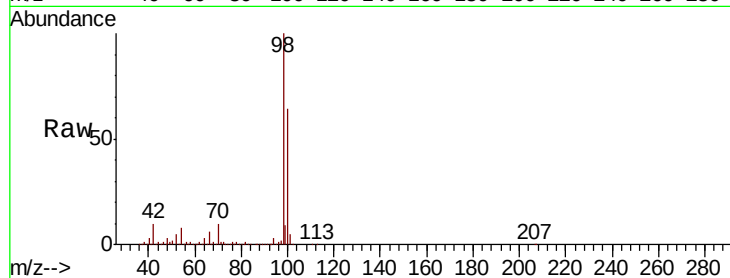
ClientSampleId :

Tot Ion: 98 Resp: 2493318

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

1000000

500000

0

10.09

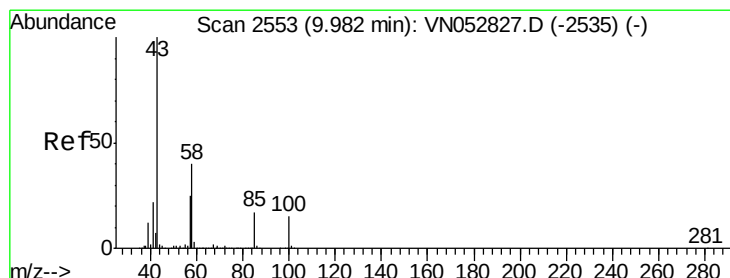
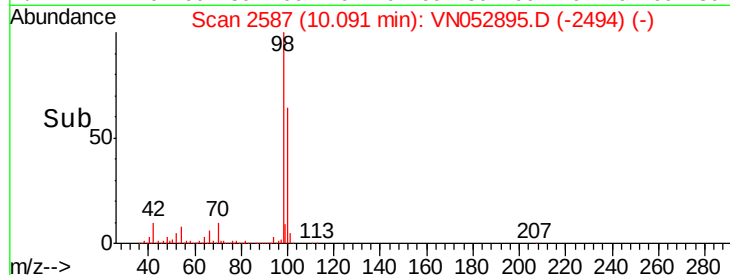
10.00

10.10

10.20

10.30

Time-->



#51

4-Methyl-2-Pentanone

Concen: 2.184 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052895.D

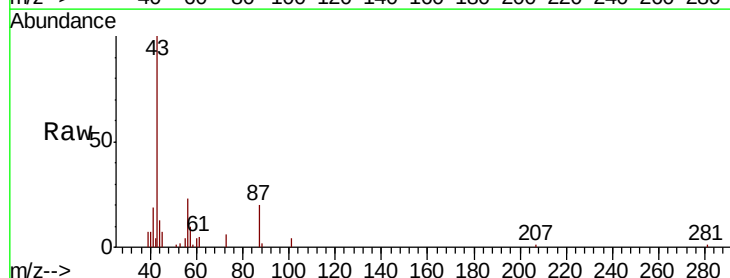
Acq: 14 Dec 2018 18:12

Tgt Ion: 43 Resp: 23016

Ion Ratio Lower Upper

43 100

58 0.0 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

15000

10000

5000

0

10.02

10.00

10.05

10.10

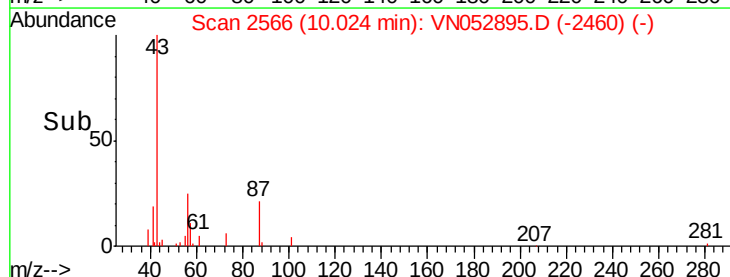
10.15

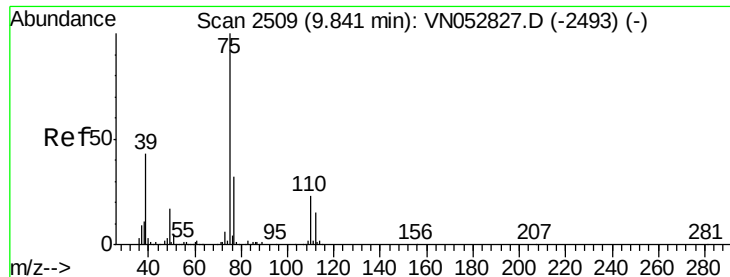
10.20

10.25

10.30

Time-->



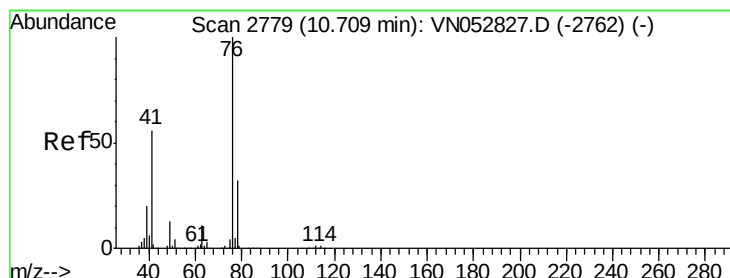
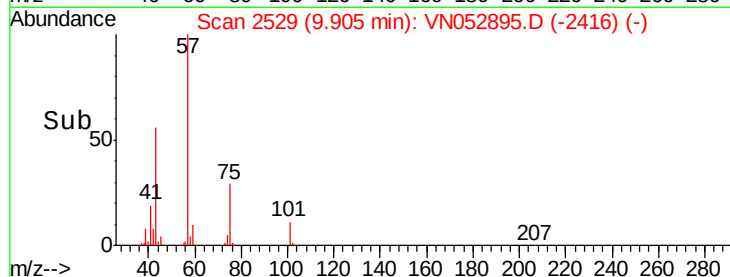
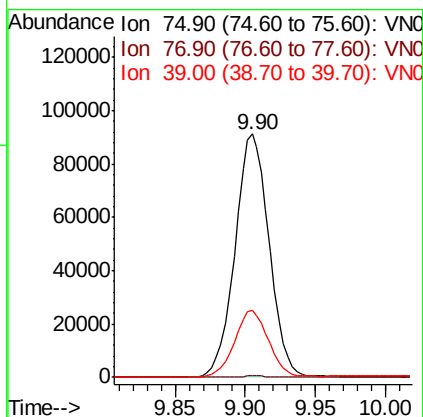
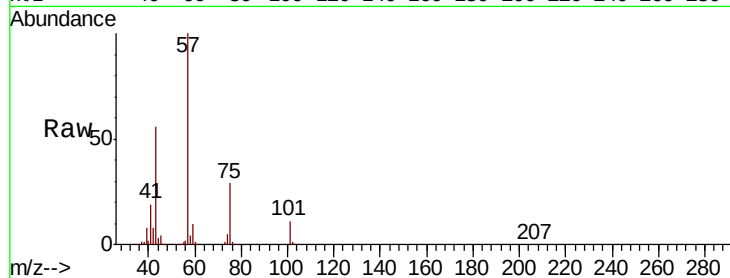


#54

cis-1,3-Dichloropropene  
 Concen: 7.305 ug/l  
 RT: 9.90 min Scan# 2529  
 Delta R.T. 0.06 min  
 Lab File: VN052895.D  
 Acq: 14 Dec 2018 18:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :

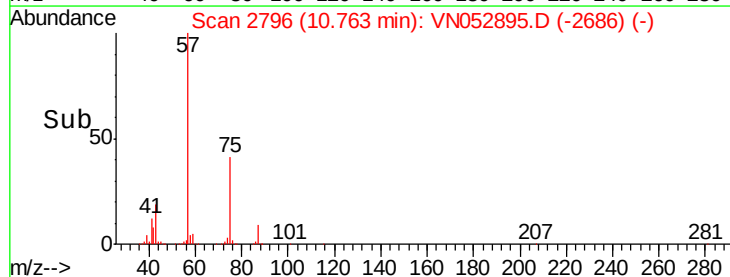
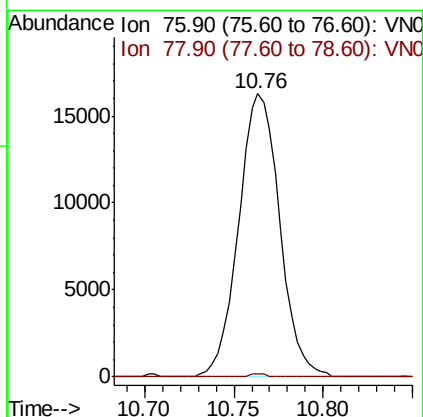
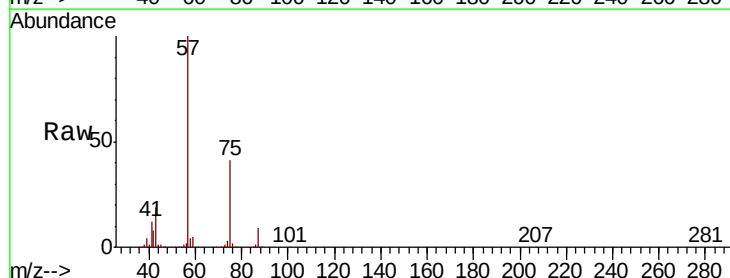
Tot Ion: 75 Resp: 154531  
 Ion Ratio Lower Upper  
 75 100  
 77 0.5 25.8 38.8#  
 39 27.4 34.8 52.2#

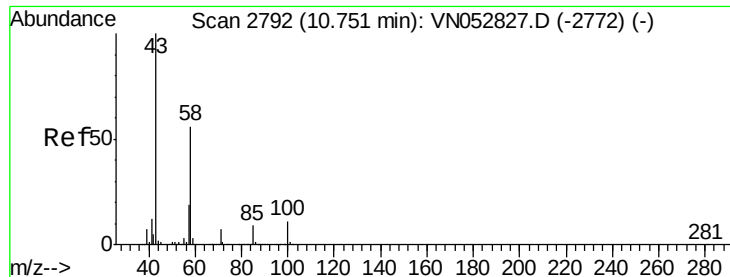


#57

1,3-Dichloropropane  
 Concen: 1.254 ug/l  
 RT: 10.76 min Scan# 2796  
 Delta R.T. 0.05 min  
 Lab File: VN052895.D  
 Acq: 14 Dec 2018 18:12

Tgt Ion: 76 Resp: 26030  
 Ion Ratio Lower Upper  
 76 100  
 78 0.4 25.8 38.8#

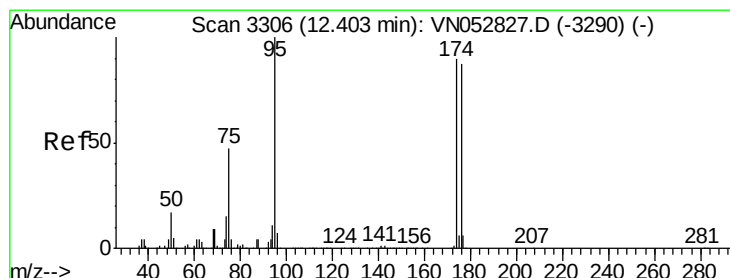
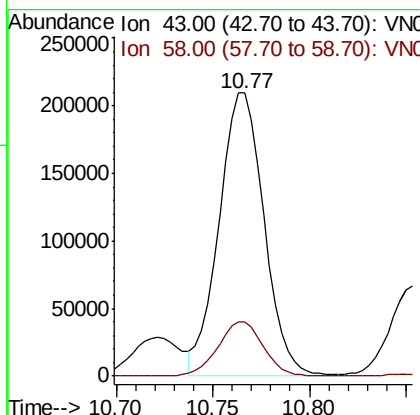
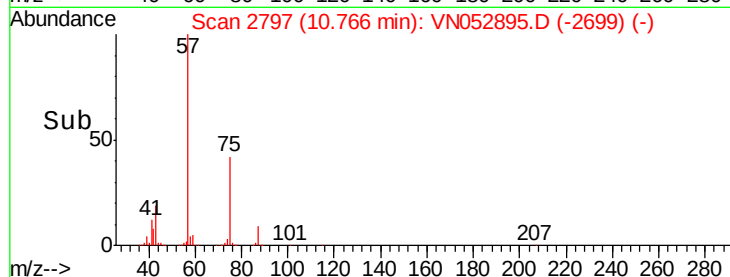
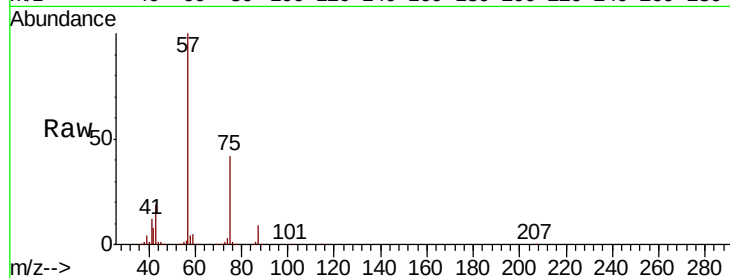




#59  
2-Hexanone  
Concen: 46.530 ug/l  
RT: 10.77 min Scan# 2797  
Delta R.T. 0.02 min  
Lab File: VN052895.D  
Acq: 14 Dec 2018 18:12

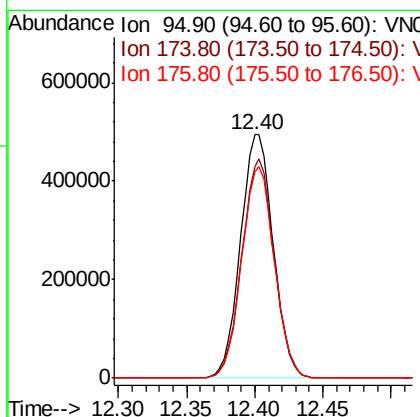
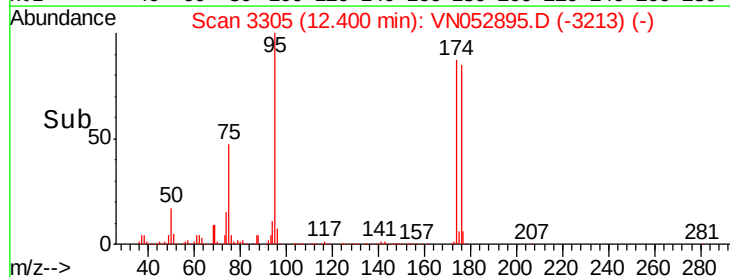
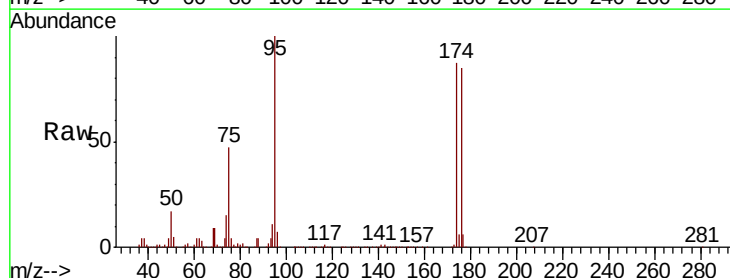
Instrument :  
MSVOA\_N  
ClientSampleId :

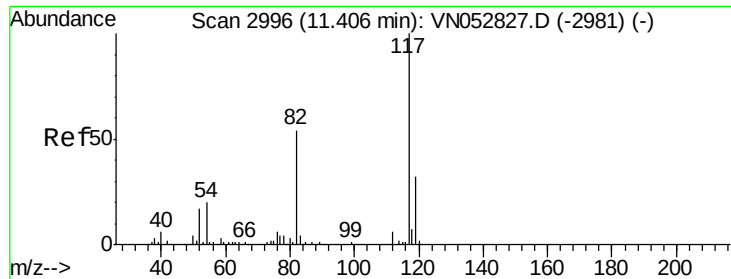
Tot Ion: 43 Resp: 336031  
Ion Ratio Lower Upper  
43 100  
58 19.6 28.1 84.3#



#62  
4-Bromofluorobenzene  
Concen: Below ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. -0.00 min  
Lab File: VN052895.D  
Acq: 14 Dec 2018 18:12

Tgt Ion: 95 Resp: 823617  
Ion Ratio Lower Upper  
95 100  
174 88.7 0.0 178.8  
176 86.7 0.0 173.8

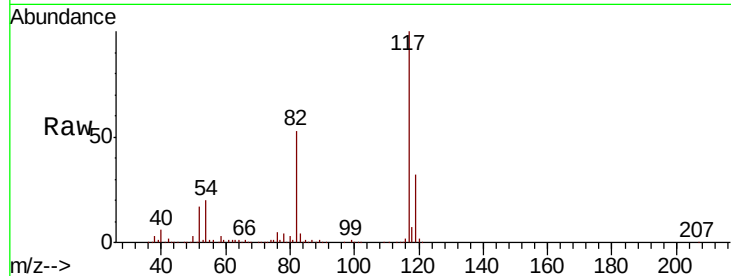




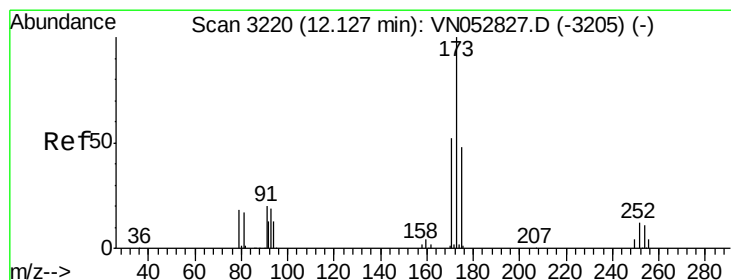
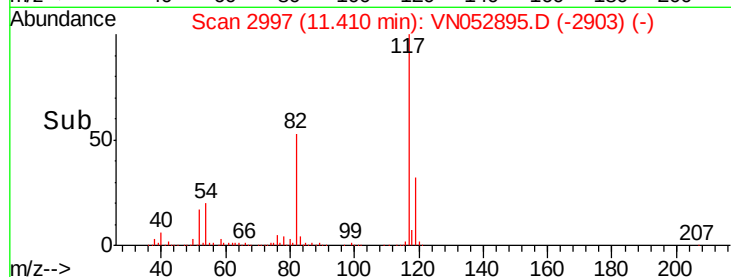
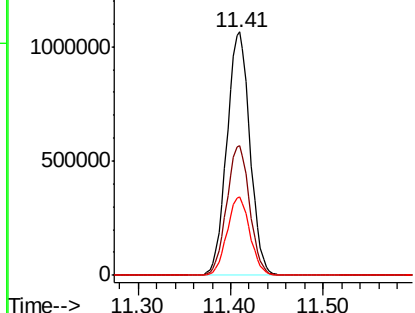
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2997  
Delta R.T. 0.00 min  
Lab File: VN052895.D  
Acq: 14 Dec 2018 18:12

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:117 Resp: 1827587  
Ion Ratio Lower Upper  
117 100  
82 53.1 42.8 64.2  
119 32.1 25.5 38.3

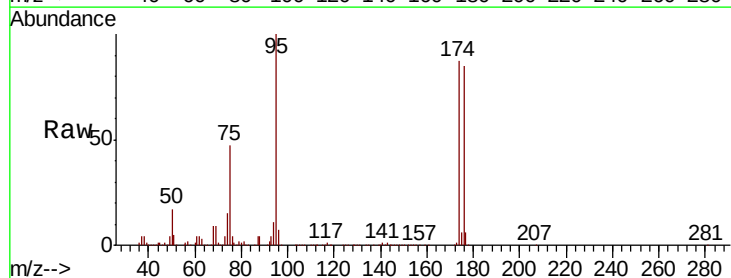


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

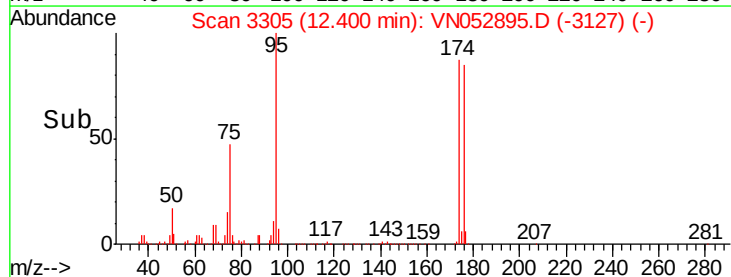
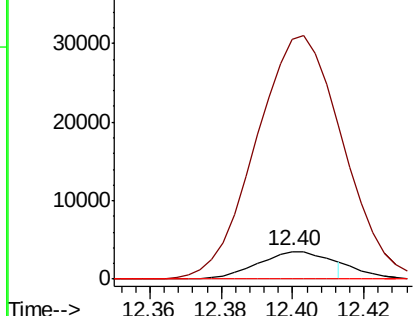


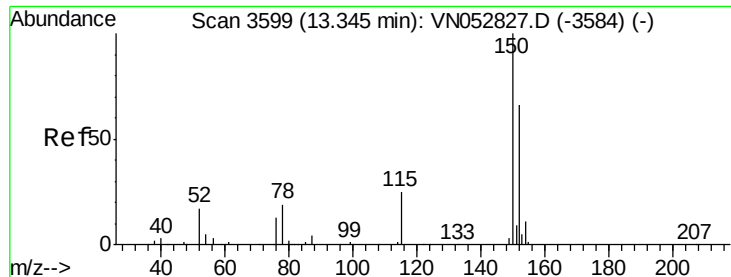
#71  
Bromoform  
Concen: 0.544 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.27 min  
Lab File: VN052895.D  
Acq: 14 Dec 2018 18:12

Tgt Ion:173 Resp: 4877  
Ion Ratio Lower Upper  
173 100  
175 928.1 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: VN052895.D

Acq: 14 Dec 2018 18:12

Instrument :

MSVOA\_N

ClientSampled :

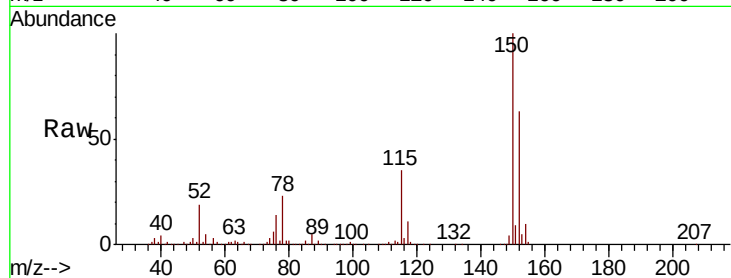
Tot Ion:152 Resp: 741770

Ion Ratio Lower Upper

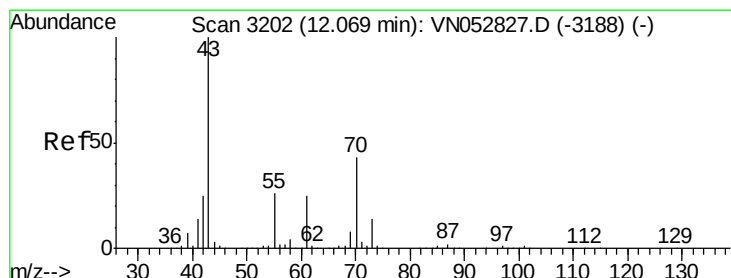
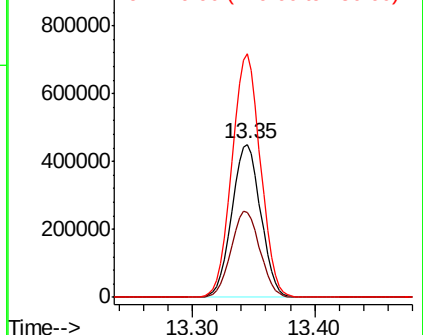
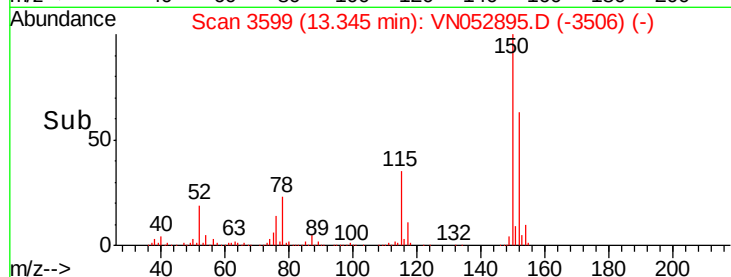
152 100

115 56.5 28.3 85.0

150 157.0 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-ethyl acetate

Concen: 1.967 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052895.D

Acq: 14 Dec 2018 18:12

Tgt Ion: 43 Resp: 29914

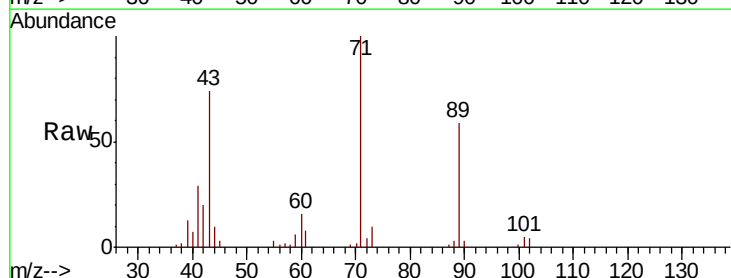
Ion Ratio Lower Upper

43 100

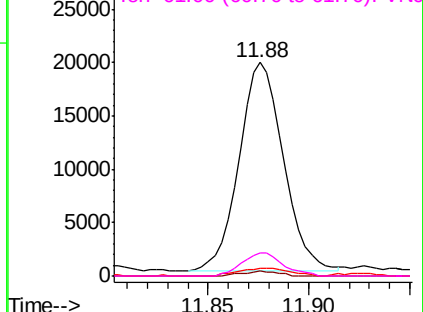
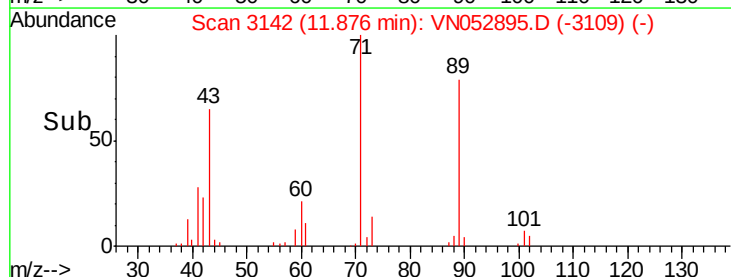
70 1.8 34.2 51.4#

55 4.4 20.3 30.5#

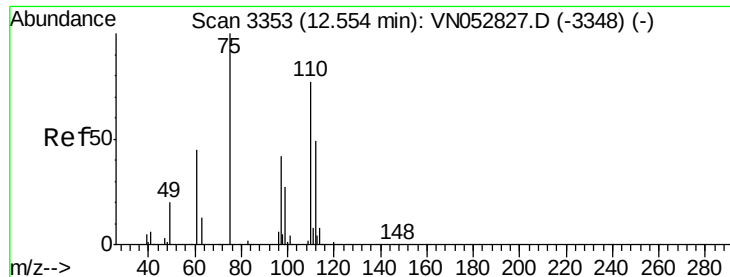
61 10.4 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): V  
Ion 70.00 (69.70 to 70.70): V  
Ion 55.00 (54.70 to 55.70): V  
Ion 61.00 (60.70 to 61.70): V







#76

1,2,3-Trichloropropane

Concen: 35.237 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052895.D

Acq: 14 Dec 2018 18:12

Instrument :

MSVOA\_N

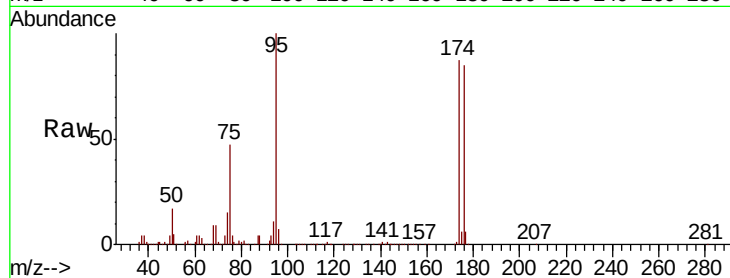
ClientSampleId :

Tot Ion: 75 Resp: 385635

Ion Ratio Lower Upper

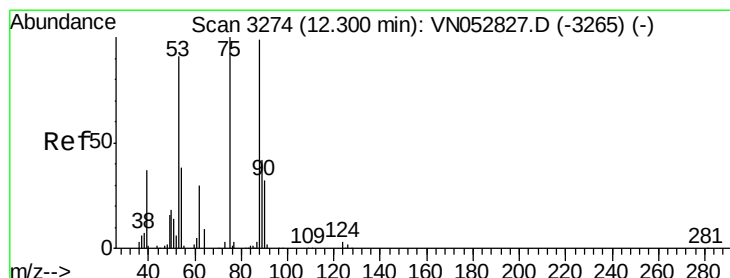
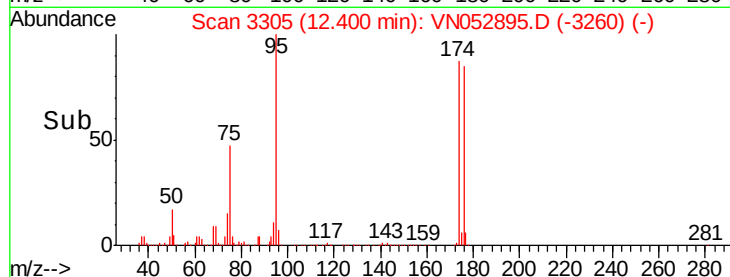
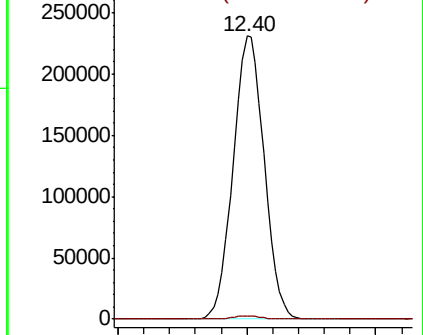
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 113.199 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052895.D

Acq: 14 Dec 2018 18:12

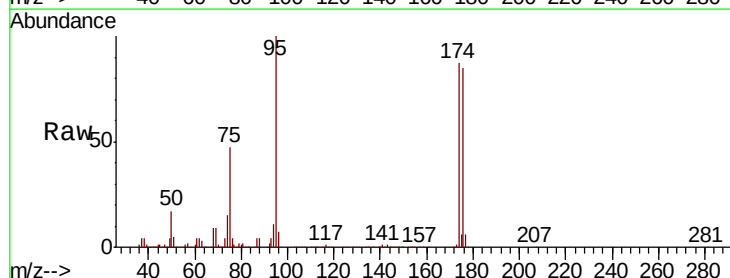
Tgt Ion: 75 Resp: 385635

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

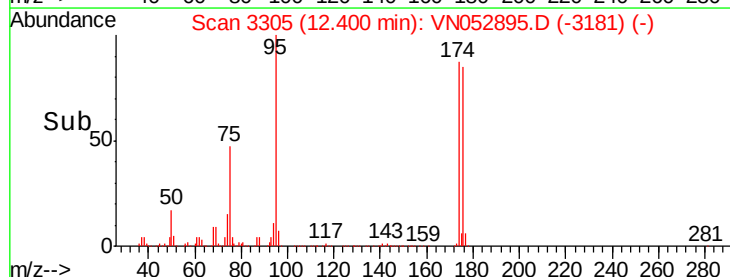
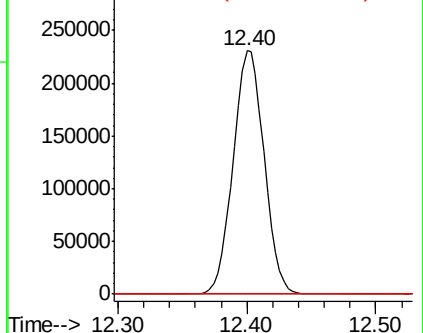
89 0.0 36.1 54.1#

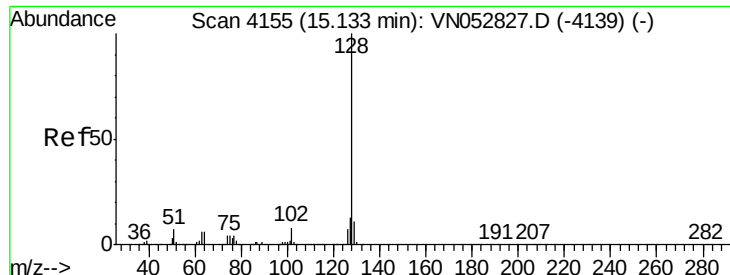


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95

Naphthalene

Concen: 0.375 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052895.D

Acq: 14 Dec 2018 18:12

Instrument :

MSVOA\_N

ClientSampleId :

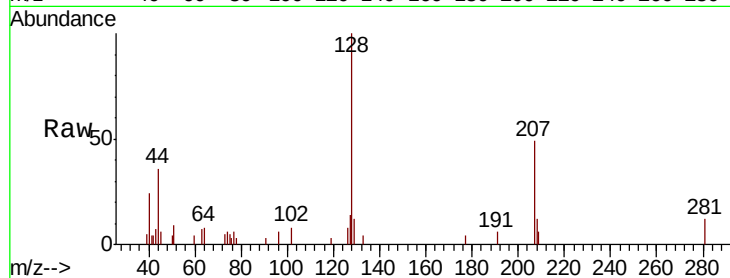
Tot Ion:128 Resp: 10155

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 10.7 8.6 13.0



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

