

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111218\  
 Data File : VN052268.D  
 Acq On : 12 Nov 2018 17:51  
 Operator : MD\SY  
 Sample : PB114678ZHE#12  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 19 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB114678ZHE#12

Quant Time: Nov 13 00:16:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110918W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 12 00:34:27 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 328094   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 558163   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 476904   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 167276   | 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   | 222089   | 49.49 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.98% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 174051   | 48.14 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.28% |          |
| 50) Toluene-d8              | 10.09 | 98   | 696518   | 49.22 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.44% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 200317   | 43.78 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 87.56% |          |

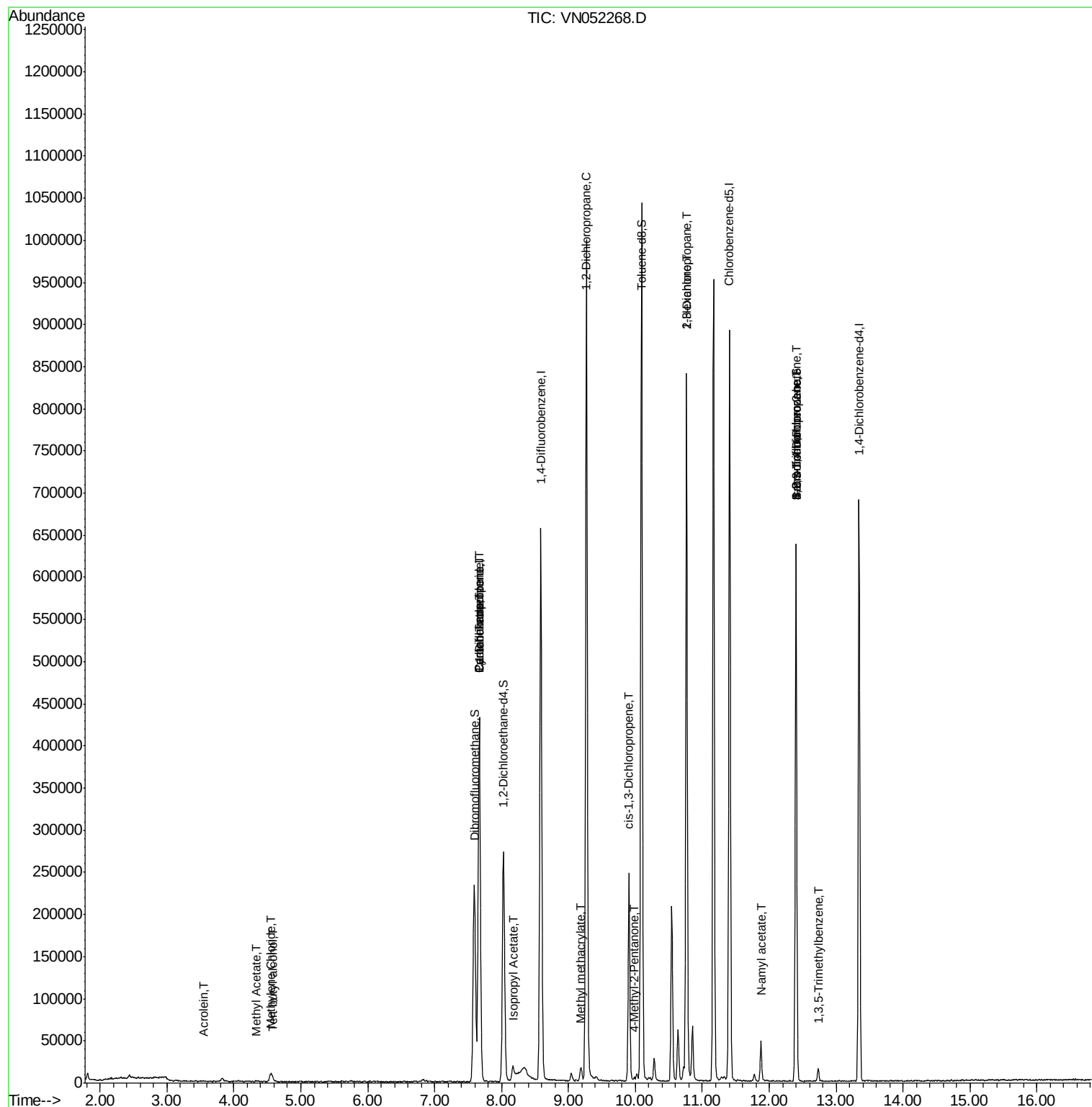
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 11) Tert butyl alcohol         | 4.59  | 59   | 88       | 0.383     | ug/l # | 71     |
| 13) Acrolein                   | 3.54  | 56   | 72       | 34.273    | ug/l # | 12     |
| 16) Acetone                    | 3.82  | 43   | 5622     | Below Cal |        | 93     |
| 18) Methyl Acetate             | 4.34  | 43   | 1323     | 0.353     | ug/l # | 66     |
| 20) Methylene Chloride         | 4.56  | 84   | 6416     | 1.569     | ug/l   | 90     |
| 31) Cyclohexane                | 7.67  | 56   | 9820     | 0.734     | ug/l # | 24     |
| 36) 1,1-Dichloropropene        | 7.67  | 75   | 29848    | 5.298     | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 7.67  | 117  | 34171    | 6.693     | ug/l # | 17     |
| 43) Isopropyl Acetate          | 8.17  | 43   | 20608    | 2.790     | ug/l # | 70     |
| 45) 1,2-Dichloropropane        | 9.26  | 63   | 1155     | 0.256     | ug/l # | 44     |
| 48) Methyl methacrylate        | 9.18  | 41   | 6291     | 1.617     | ug/l # | 34     |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 3008     | 0.737     | ug/l   | 93     |
| 54) cis-1,3-Dichloropropene    | 9.90  | 75   | 38466    | 6.157     | ug/l # | 70     |
| 57) 1,3-Dichloropropane        | 10.76 | 76   | 8177     | 1.299     | ug/l # | 43     |
| 59) 2-Hexanone                 | 10.76 | 43   | 135748   | 47.408    | ug/l # | 54     |
| 71) Bromoform                  | 12.40 | 173  | 1202     | 0.589     | ug/l # | 28     |
| 74) N-amyl acetate             | 11.88 | 43   | 15202    | 3.062     | ug/l # | 59     |
| 76) 1,2,3-Trichloropropane     | 12.40 | 75   | 109708   | 37.069    | ug/l # | 100    |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 7039     | 0.647     | ug/l   | 99     |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75   | 109708   | 126.534   | ug/l # | 8      |

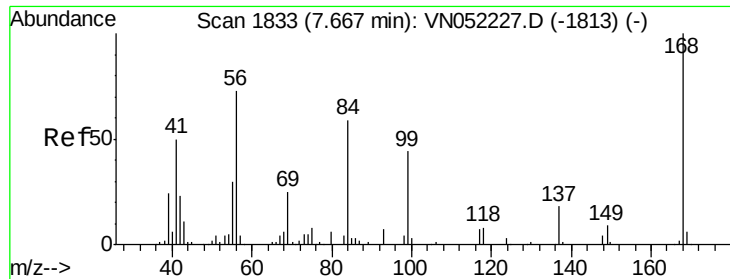
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Mon Nov 12 00:34:27 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: VN052268.D

Acq: 12 Nov 2018 17:51

Instrument :

MSVOA\_N

ClientSampleId :

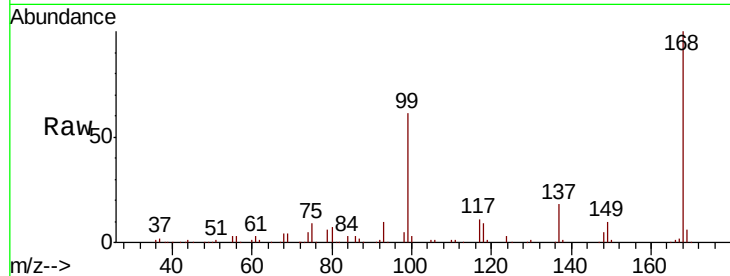
PB114678ZHE#12

Tot Ion:168 Resp: 328094

Ion Ratio Lower Upper

168 100

99 61.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

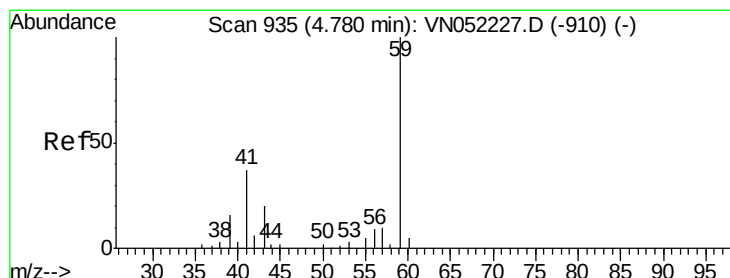
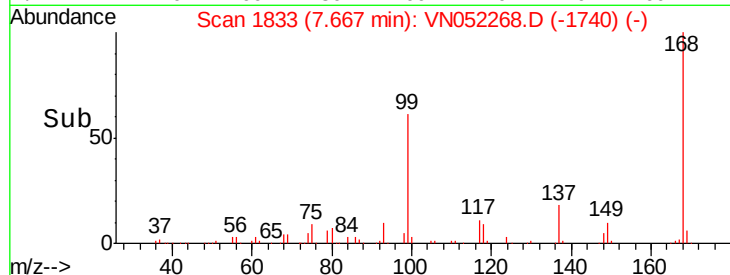
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.383 ug/l

RT: 4.59 min Scan# 875

Delta R.T. -0.19 min

Lab File: VN052268.D

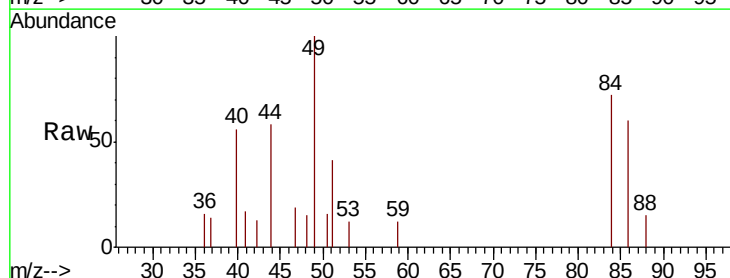
Acq: 12 Nov 2018 17:51

Tgt Ion: 59 Resp: 88

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.59

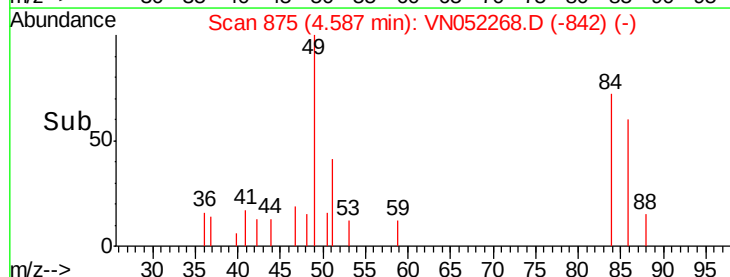
150

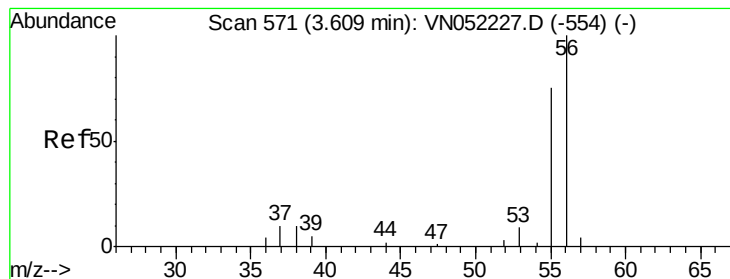
100

50

0

Time-->





#13

Acrolein

Concen: 34.273 ug/l

RT: 3.54 min Scan# 548

Delta R.T. -0.07 min

Lab File: VN052268.D

Acq: 12 Nov 2018 17:51

Instrument :

MSVOA\_N

ClientSampleId :

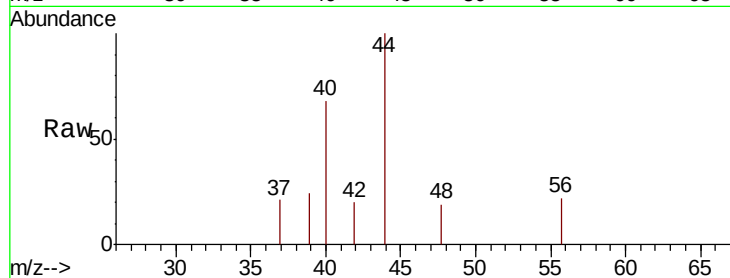
PB114678ZHE#12

Tot Ion: 56 Resp: 72

Ion Ratio Lower Upper

56 100

55 0.0 59.9 89.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.54

200

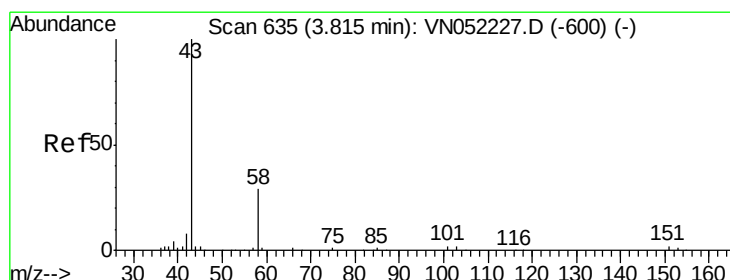
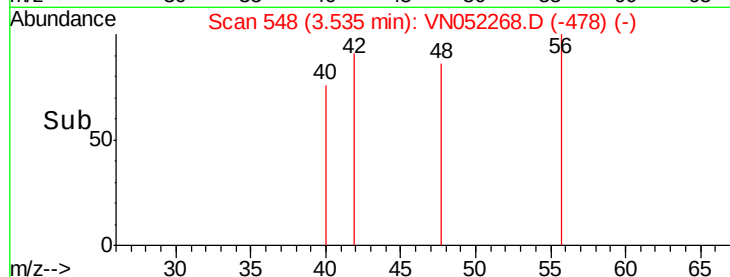
150

100

50

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052268.D

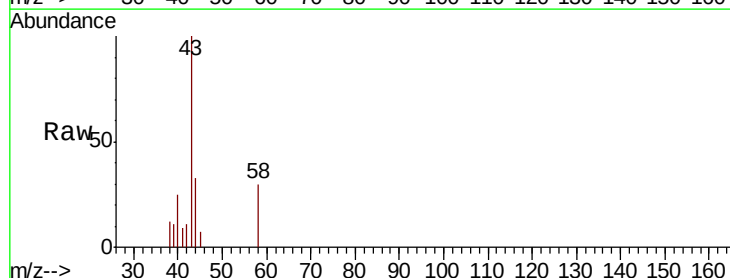
Acq: 12 Nov 2018 17:51

Tgt Ion: 43 Resp: 5622

Ion Ratio Lower Upper

43 100

58 32.3 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

2500

2000

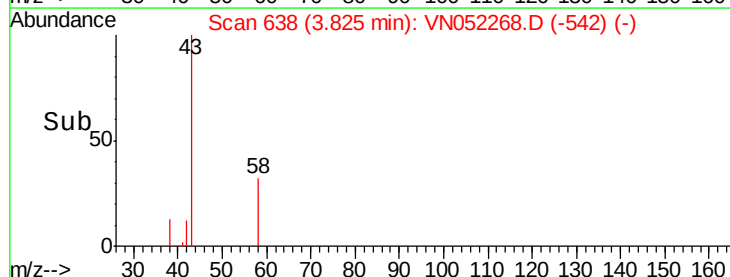
1500

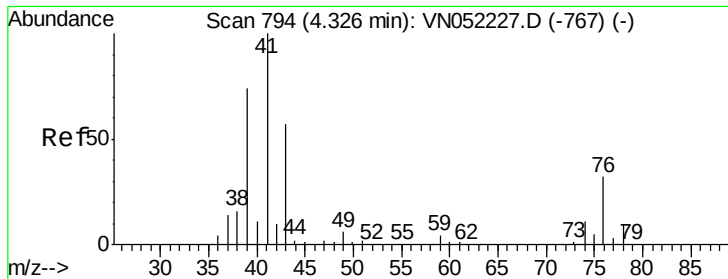
1000

500

0

Time-->

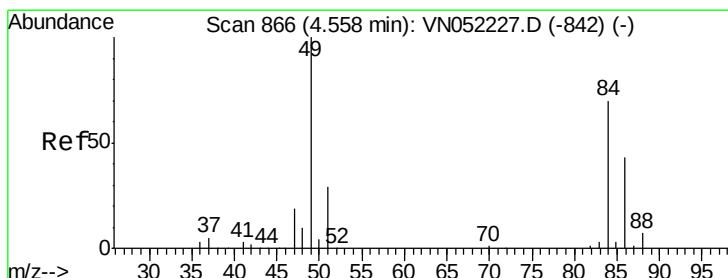
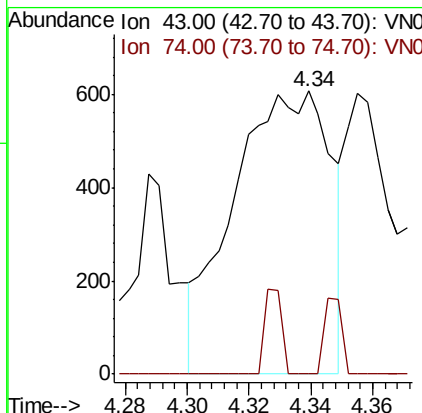
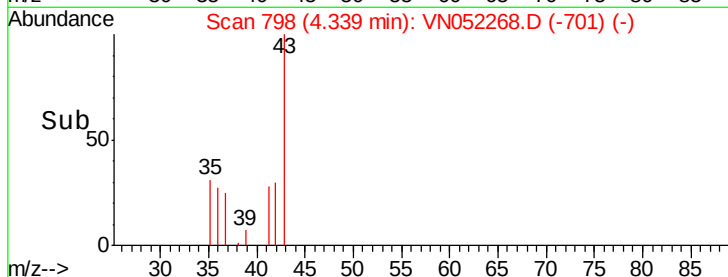
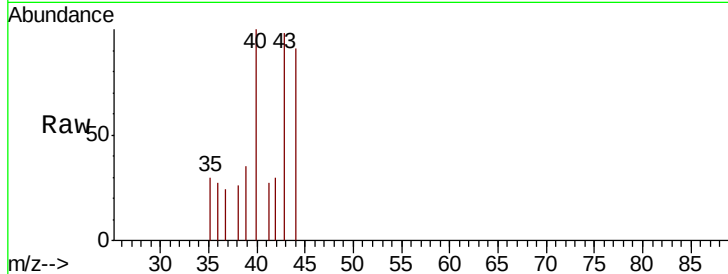




#18  
Methyl Acetate  
Concen: 0.353 ug/l  
RT: 4.34 min Scan# 798  
Delta R.T. 0.01 min  
Lab File: VN052268.D  
Acq: 12 Nov 2018 17:51

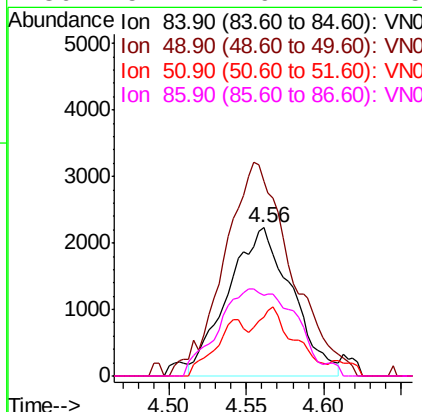
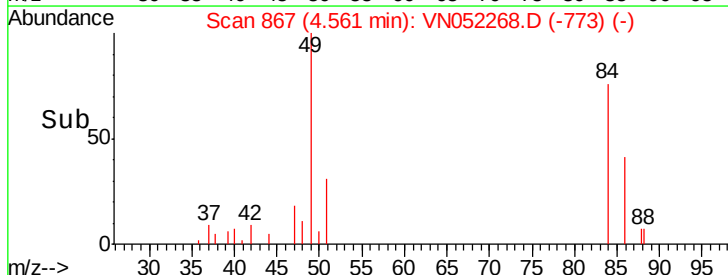
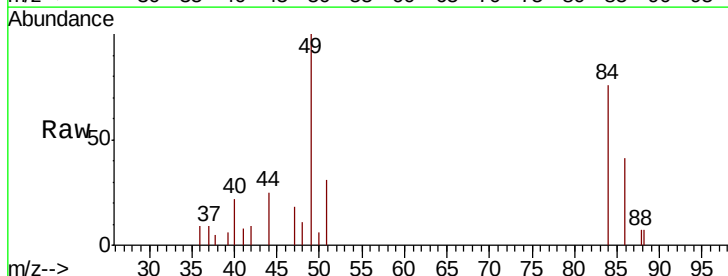
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB114678ZHE#12

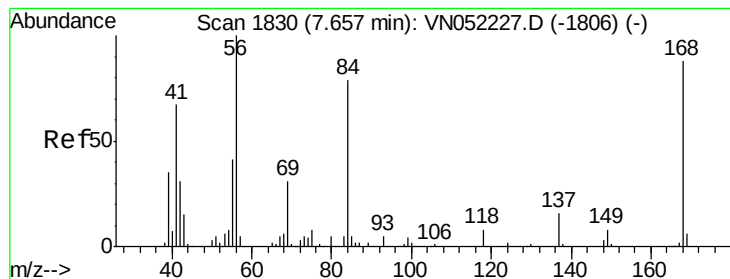
Tot Ion: 43 Resp: 1323  
Ion Ratio Lower Upper  
43 100  
74 4.7 16.2 24.2#



#20  
Methylene Chloride  
Concen: 1.569 ug/l  
RT: 4.56 min Scan# 867  
Delta R.T. 0.00 min  
Lab File: VN052268.D  
Acq: 12 Nov 2018 17:51

Tgt Ion: 84 Resp: 6416  
Ion Ratio Lower Upper  
84 100  
49 130.3 114.8 172.2  
51 43.4 33.1 49.7  
86 51.1 49.7 74.5





#31

Cyclohexane

Concen: 0.734 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN052268.D

Acq: 12 Nov 2018 17:51

Instrument :

MSVOA\_N

ClientSampleId :

PB114678ZHE#12

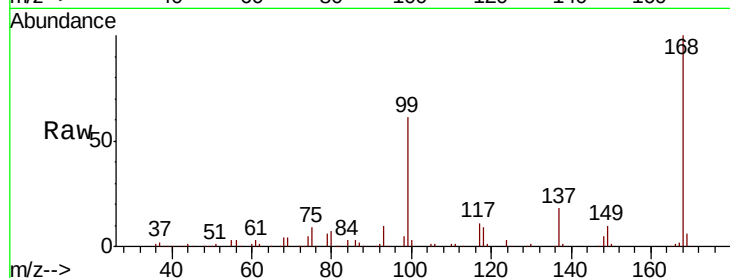
Tot Ion: 56 Resp: 9820

Ion Ratio Lower Upper

56 100

69 147.4 24.8 37.2#

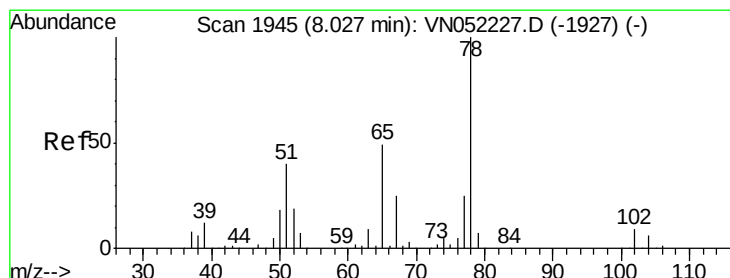
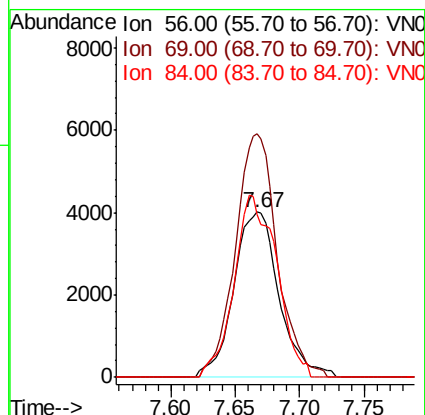
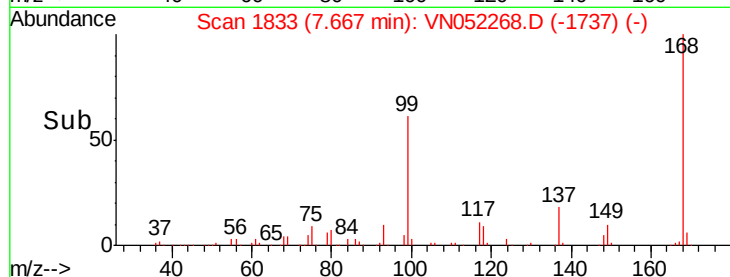
84 99.1 63.1 94.7#



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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052268.D

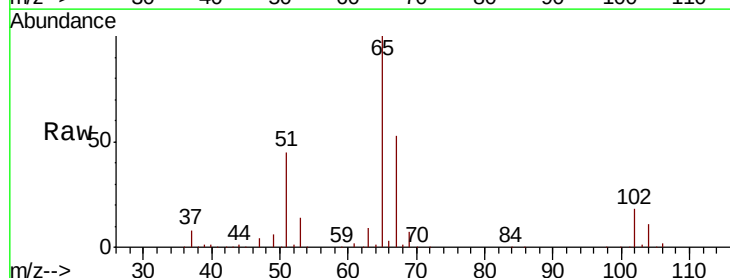
Acq: 12 Nov 2018 17:51

Tgt Ion: 65 Resp: 222089

Ion Ratio Lower Upper

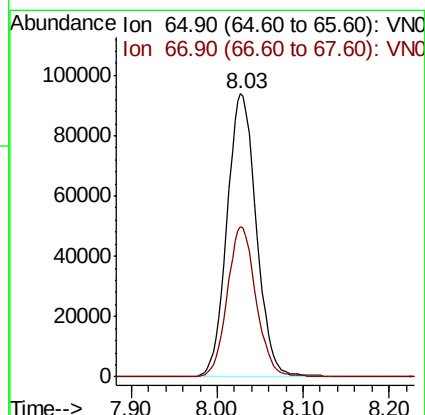
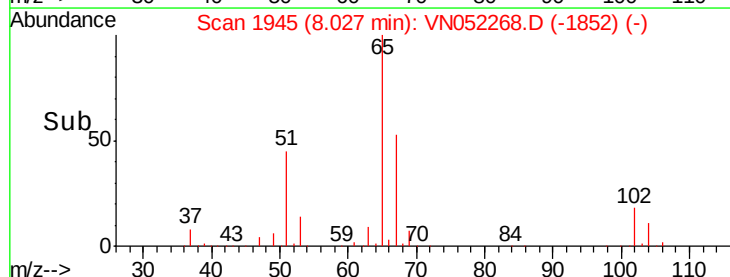
65 100

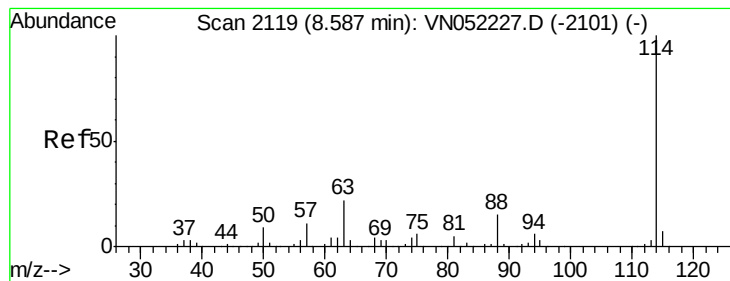
67 52.2 0.0 106.6



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: VN052268.D

Acq: 12 Nov 2018 17:51

Instrument :

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ClientSampleId :

PB114678ZHE#12

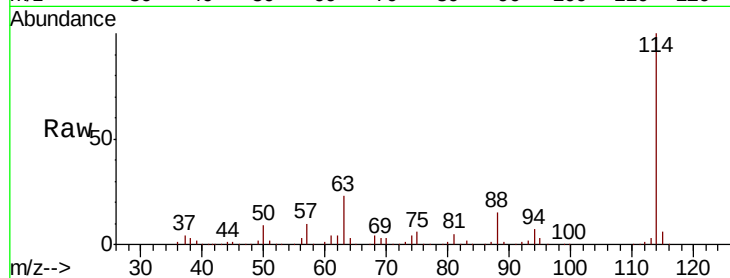
Tot Ion:114 Resp: 558163

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.4

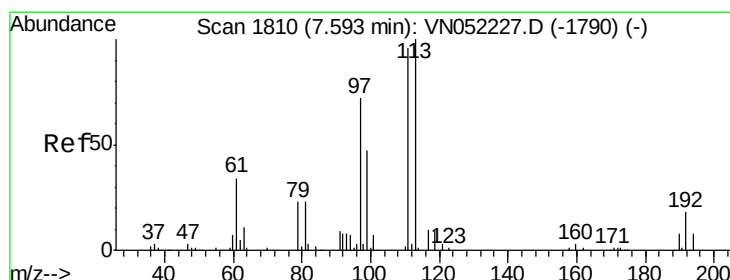
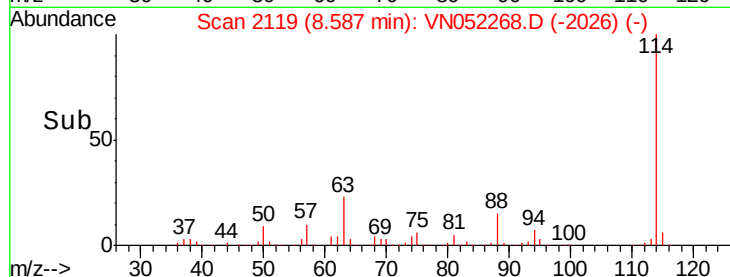
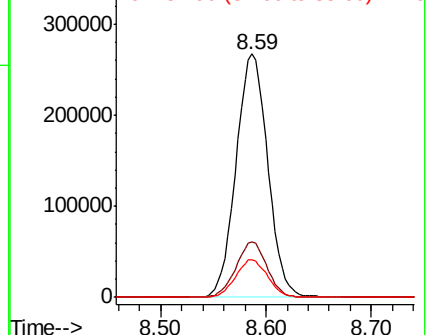
88 15.4 0.0 30.2



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: VN052268.D

Acq: 12 Nov 2018 17:51

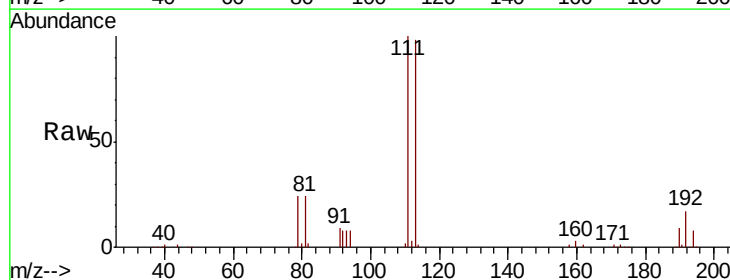
Tgt Ion:113 Resp: 174051

Ion Ratio Lower Upper

113 100

111 104.3 80.2 120.4

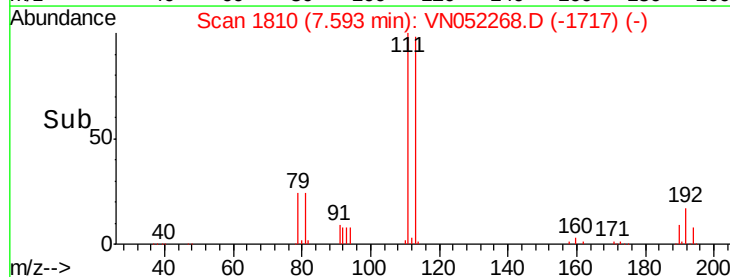
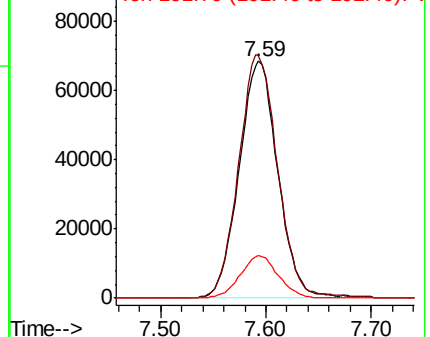
192 17.6 14.1 21.1

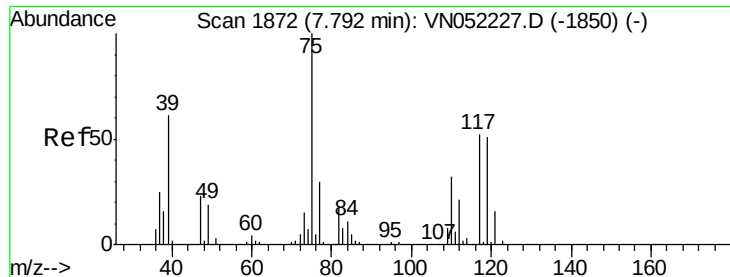


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.298 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052268.D

Acq: 12 Nov 2018 17:51

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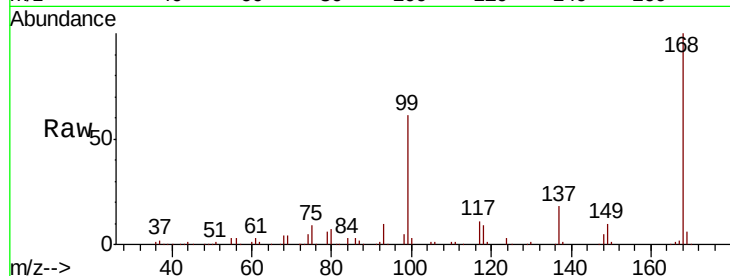
Tot Ion: 75 Resp: 29848

Ion Ratio Lower Upper

75 100

110 7.8 16.4 49.4#

77 0.0 23.9 35.9#

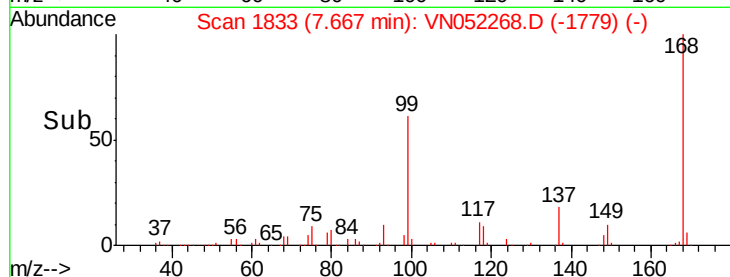


Abundance Ion 74.90 (74.60 to 75.60): VN052227.D (-1850) (-)

Ion 109.90 (109.60 to 110.60): VN052227.D (-1850) (-)

Ion 76.90 (76.60 to 77.60): VN052227.D (-1850) (-)

Time-->

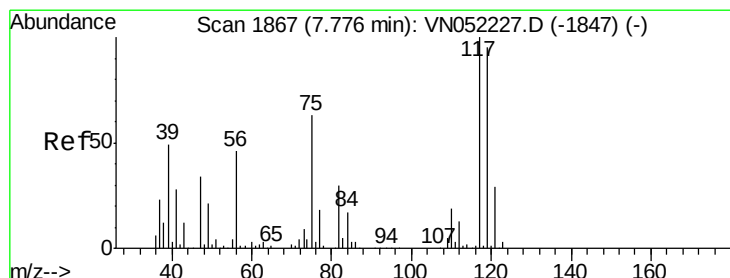


Abundance Ion 74.90 (74.60 to 75.60): VN052268.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN052268.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN052268.D (-1779) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.693 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052268.D

Acq: 12 Nov 2018 17:51

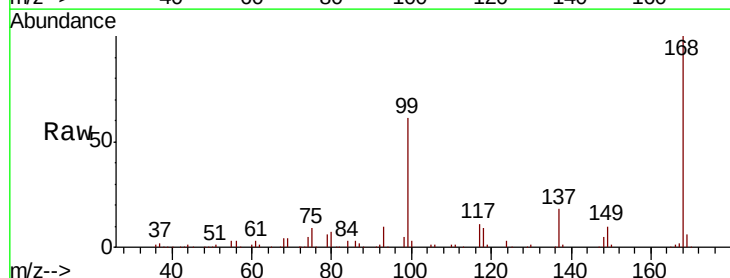
Tgt Ion: 117 Resp: 34171

Ion Ratio Lower Upper

117 100

119 6.0 75.8 113.8#

121 0.0 23.4 35.2#

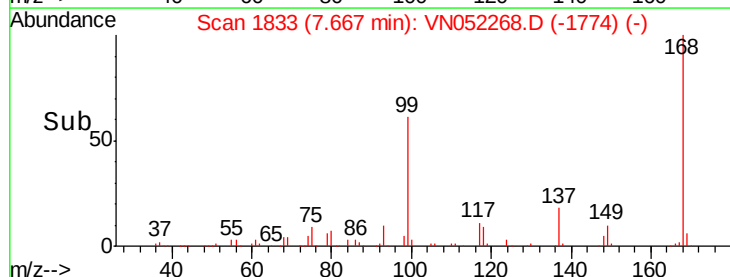


Abundance Ion 116.80 (116.50 to 117.50): VN052227.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN052227.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN052227.D (-1847) (-)

Time-->



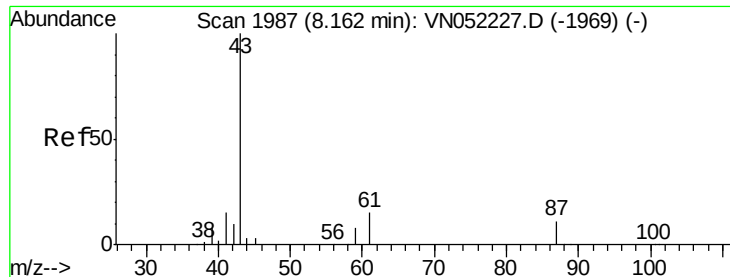
Abundance Ion 116.80 (116.50 to 117.50): VN052268.D (-1774) (-)

Ion 118.80 (118.50 to 119.50): VN052268.D (-1774) (-)

Ion 120.80 (120.50 to 121.50): VN052268.D (-1774) (-)

Time-->





#43

Isopropyl Acetate

Concen: 2.790 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN052268.D

Acq: 12 Nov 2018 17:51

Instrument :

MSVOA\_N

ClientSampleId :

PB114678ZHE#12

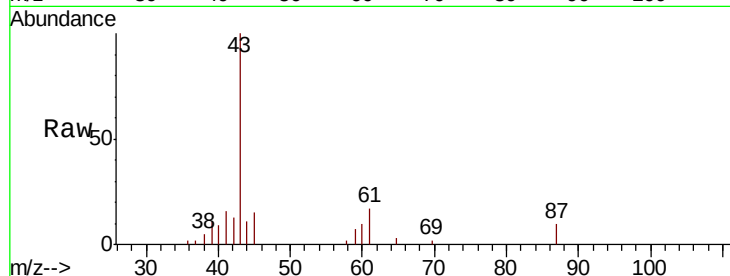
Tot Ion: 43 Resp: 20608

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

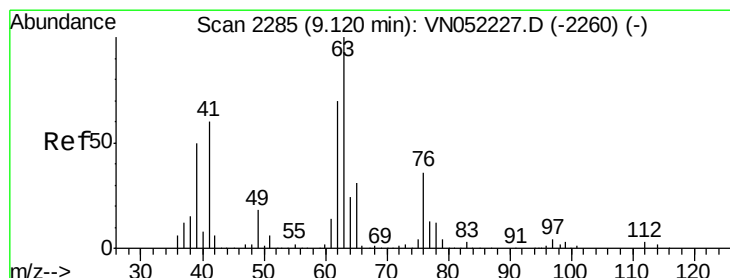
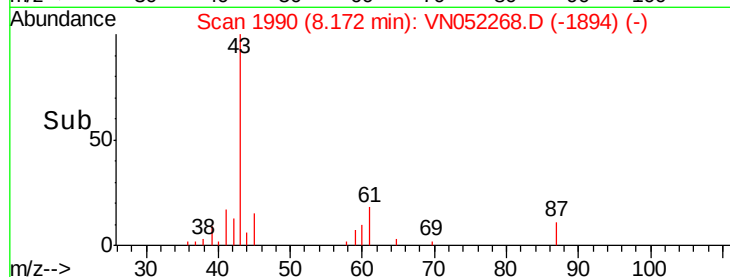
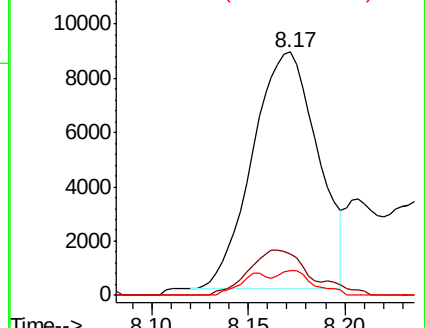
87 5.7 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.256 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN052268.D

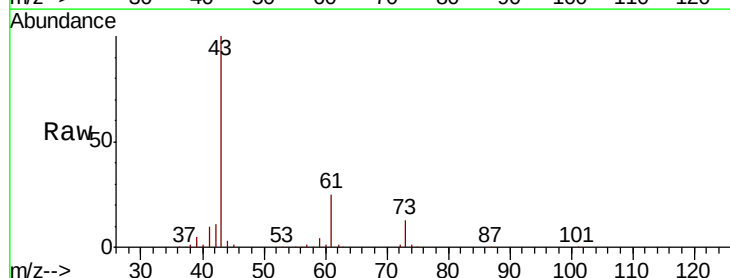
Acq: 12 Nov 2018 17:51

Tgt Ion: 63 Resp: 1155

Ion Ratio Lower Upper

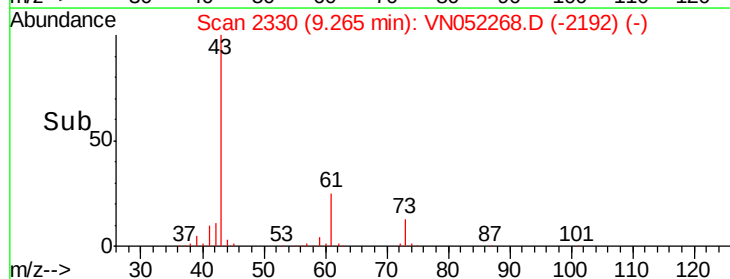
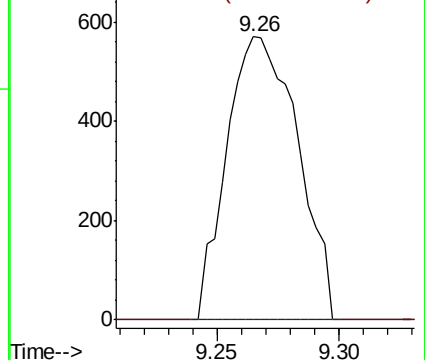
63 100

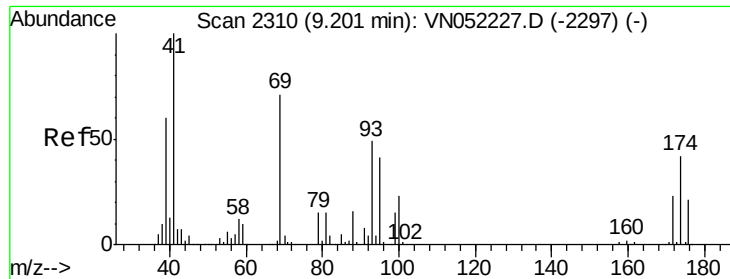
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

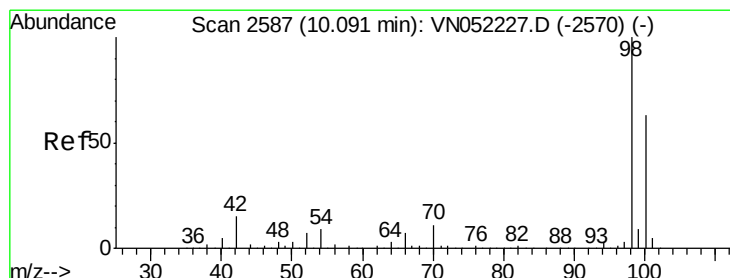
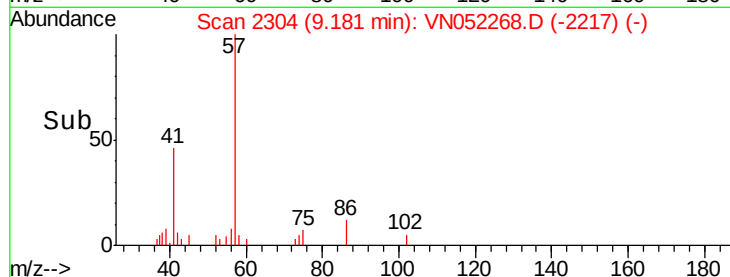
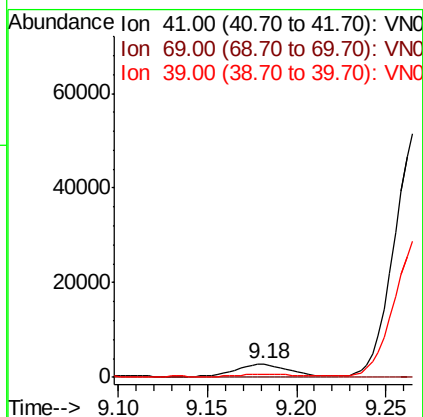
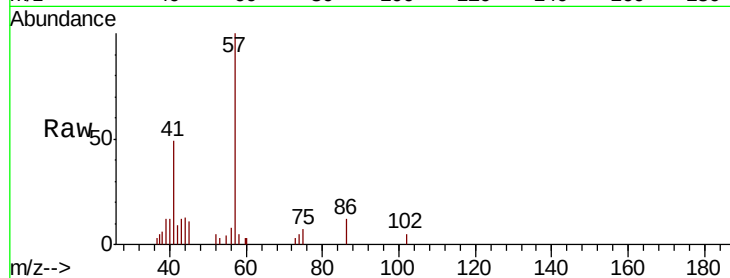




#48  
Methvl methacrylate  
Concen: 1.617 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. -0.02 min  
Lab File: VN052268.D  
Acq: 12 Nov 2018 17:51

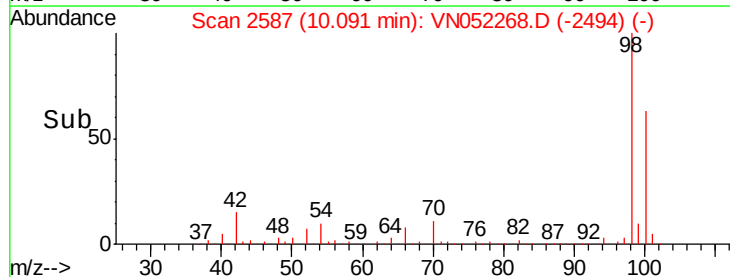
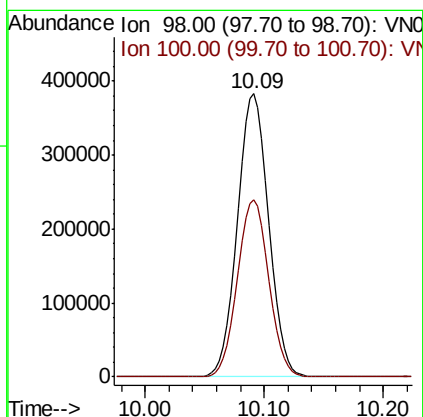
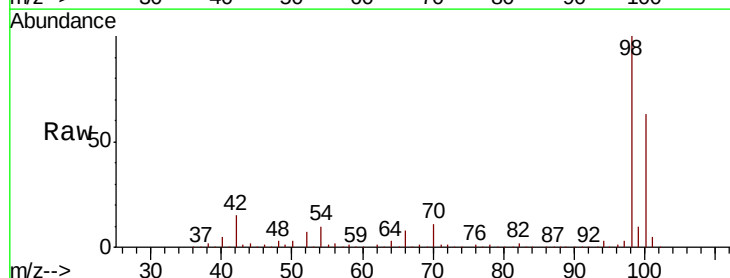
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB114678ZHE#12

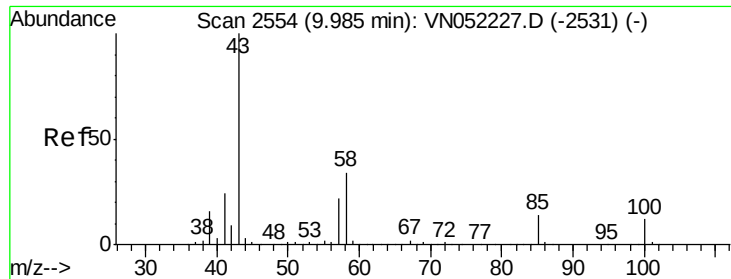
Tot Ion: 41 Resp: 6291  
Ion Ratio Lower Upper  
41 100  
69 0.0 58.8 88.2#  
39 30.9 50.7 76.1#



#50  
Toluene-d8  
Concen: N.D. ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN052268.D  
Acq: 12 Nov 2018 17:51

Tgt Ion: 98 Resp: 696518  
Ion Ratio Lower Upper  
98 100  
100 63.0 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 0.737 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052268.D

Acq: 12 Nov 2018 17:51

Instrument :

MSVOA\_N

ClientSampleId :

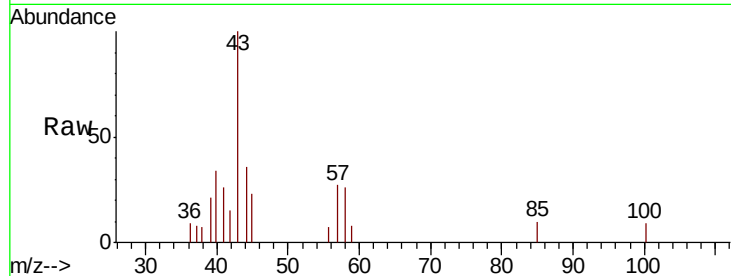
PB114678ZHE#12

Tot Ion: 43 Resp: 3008

Ion Ratio Lower Upper

43 100

58 30.0 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN052227.D (-2531) (-)

5000

4000

3000

2000

1000

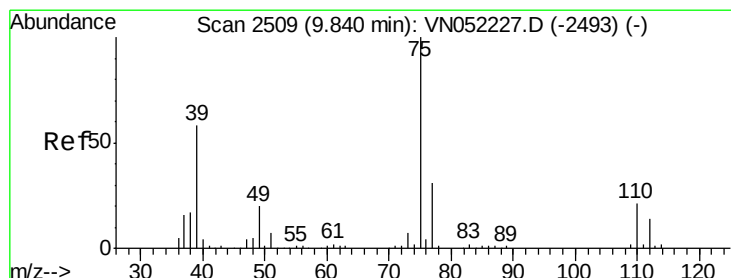
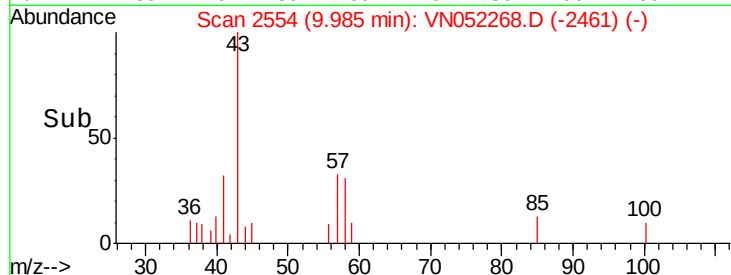
0

9.95

9.99

10.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 6.157 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052268.D

Acq: 12 Nov 2018 17:51

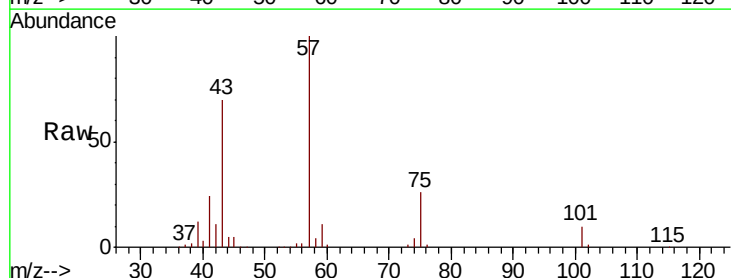
Tgt Ion: 75 Resp: 38466

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

39 46.9 46.6 70.0



Abundance Ion 74.90 (74.60 to 75.60): VN052227.D (-2493) (-)

Ion 76.90 (76.60 to 77.60): VN052227.D (-2493) (-)

Ion 39.00 (38.70 to 39.70): VN052227.D (-2493) (-)

30000

25000

20000

15000

10000

5000

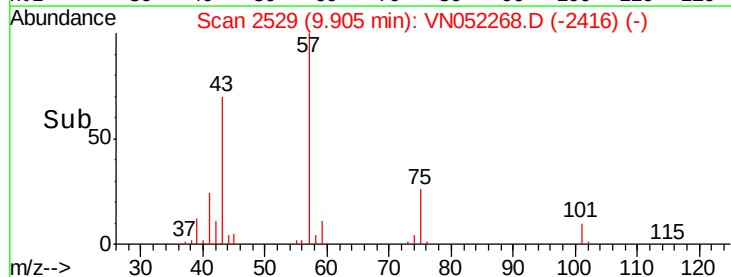
0

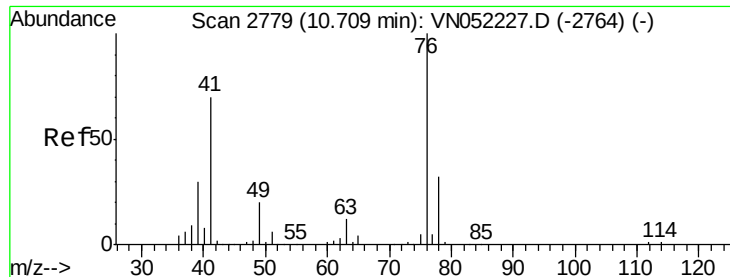
9.85

9.90

9.95

Time-->





#57

1,3-Dichloropropane

Concen: 1.299 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN052268.D

Acq: 12 Nov 2018 17:51

Instrument :

MSVOA\_N

ClientSampleId :

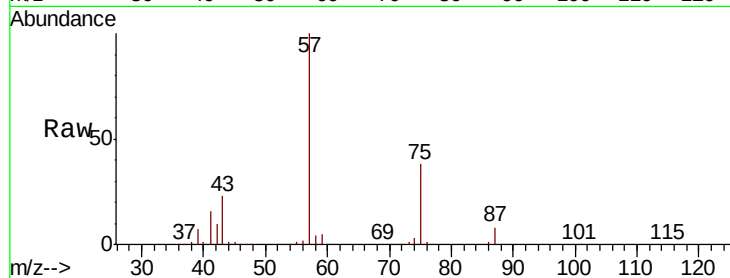
PB114678ZHE#12

Tot Ion: 76 Resp: 8177

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.76

6000

5000

4000

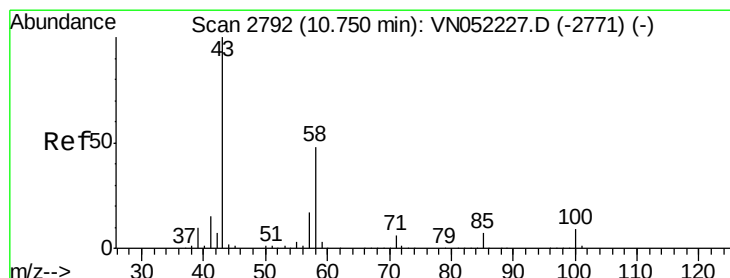
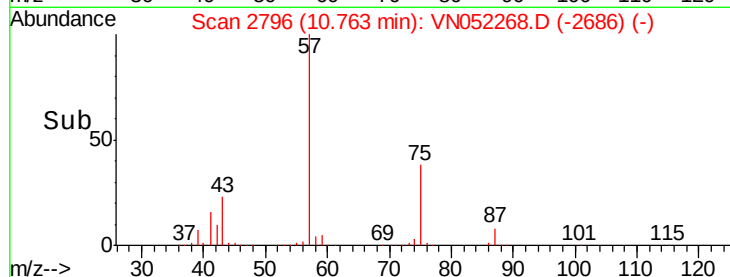
3000

2000

1000

0

Time--> 10.70 10.75 10.80



#59

2-Hexanone

Concen: 47.408 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN052268.D

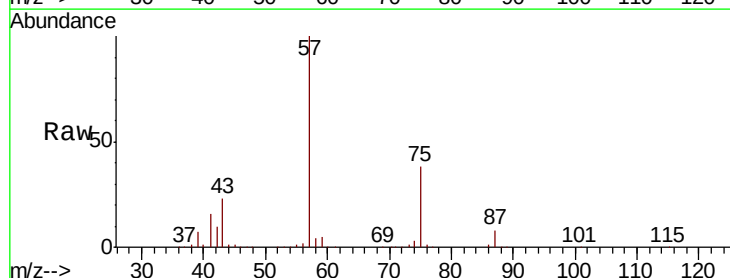
Acq: 12 Nov 2018 17:51

Tgt Ion: 43 Resp: 135748

Ion Ratio Lower Upper

43 100

58 17.1 24.1 72.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.76

80000

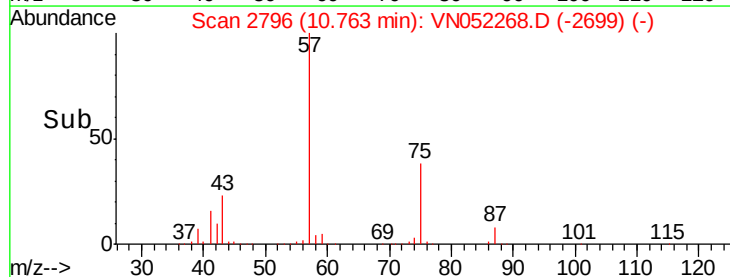
60000

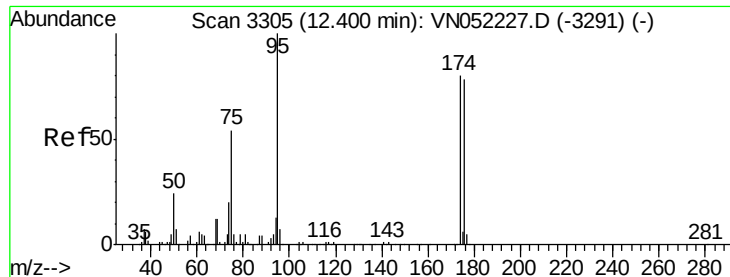
40000

20000

0

Time--> 10.70 10.75 10.80





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052268.D

Acq: 12 Nov 2018 17:51

Instrument :

MSVOA\_N

ClientSampleId :

PB114678ZHE#12

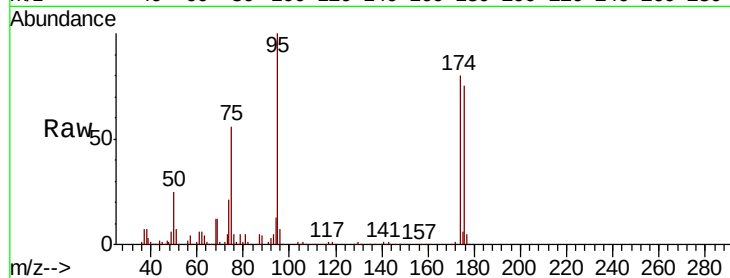
Tot Ion: 95 Resp: 200317

Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.4

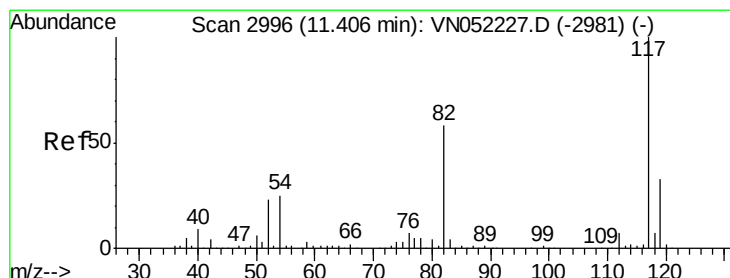
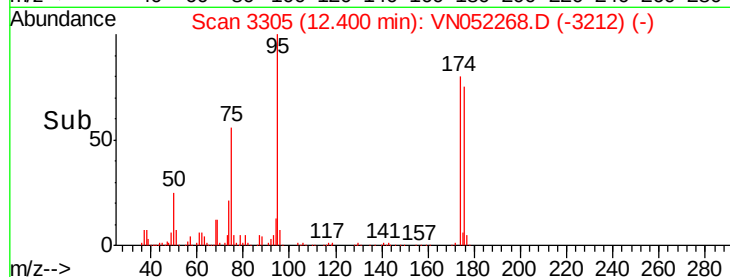
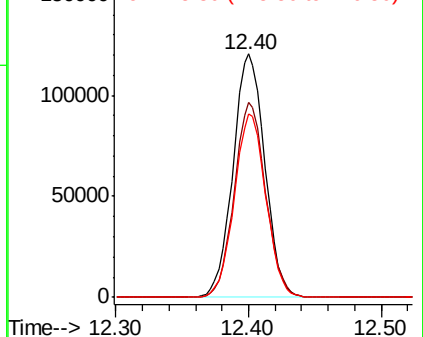
176 74.9 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052268.D

Acq: 12 Nov 2018 17:51

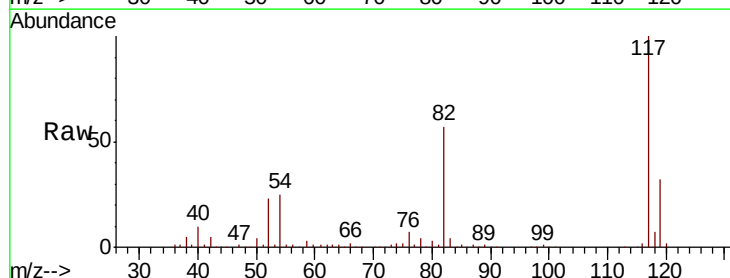
Tgt Ion: 117 Resp: 476904

Ion Ratio Lower Upper

117 100

82 56.7 46.2 69.2

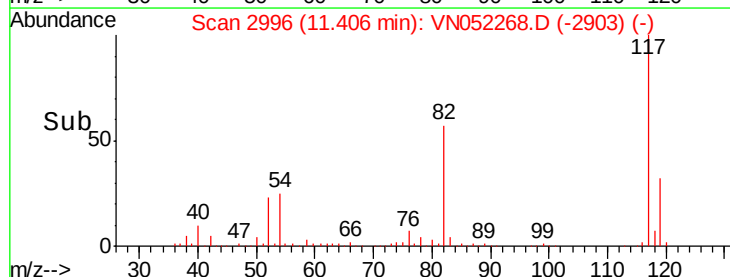
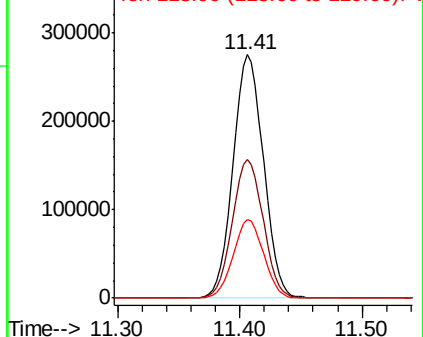
119 32.3 26.2 39.4

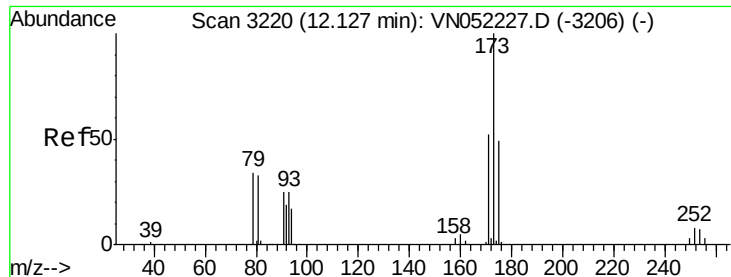


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.589 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN052268.D

Acq: 12 Nov 2018 17:51

Instrument :

MSVOA\_N

ClientSampleId :

PB114678ZHE#12

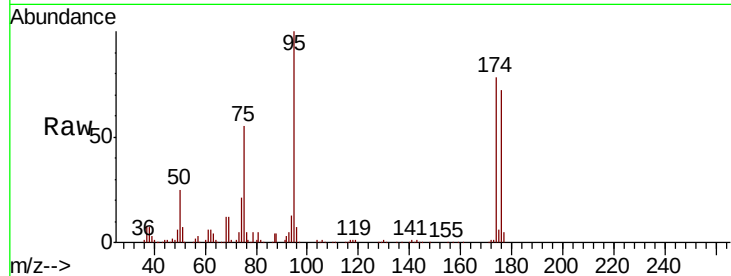
Tot Ion:173 Resp: 1202

Ion Ratio Lower Upper

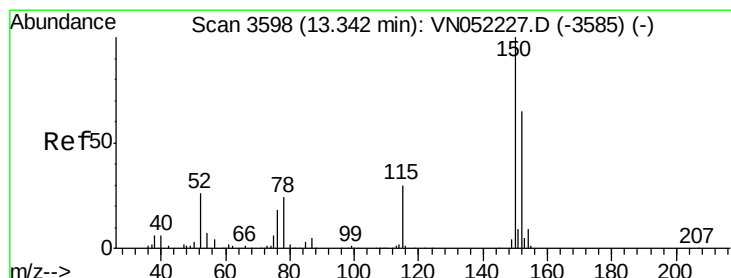
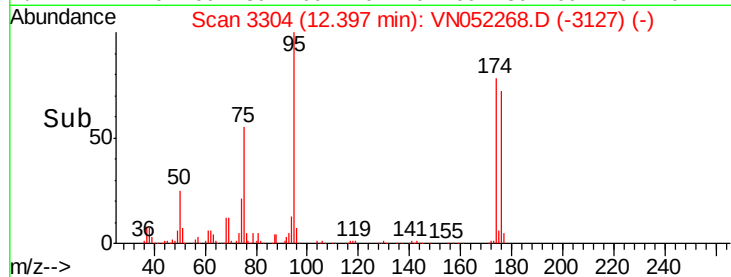
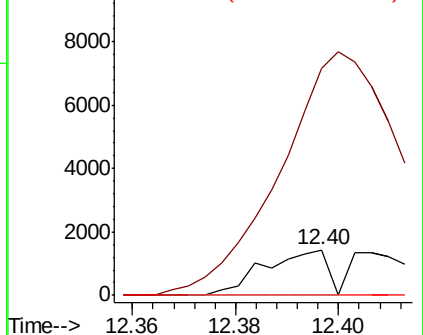
173 100

175 0.0 24.5 73.5#

254 0.0 0.0 0.0



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: VN052268.D

Acq: 12 Nov 2018 17:51

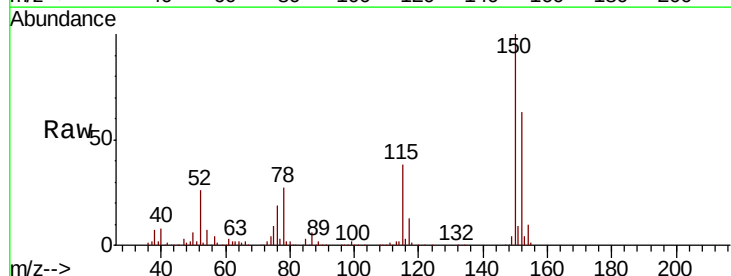
Tgt Ion:152 Resp: 167276

Ion Ratio Lower Upper

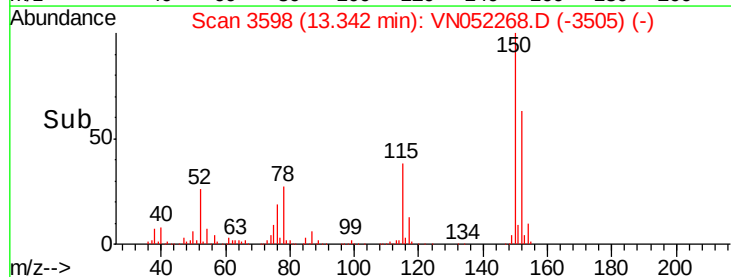
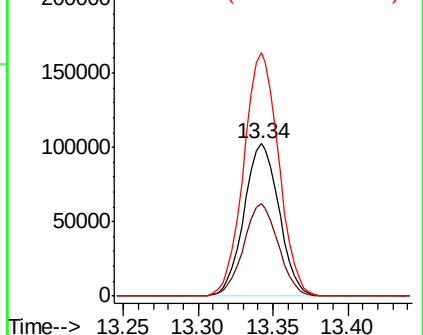
152 100

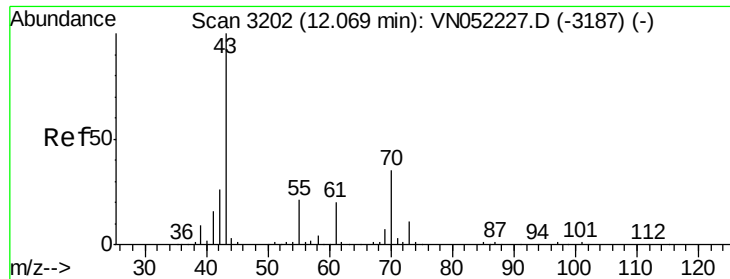
115 59.9 29.8 89.5

150 159.3 0.0 350.2



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: 3.062 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052268.D

Acq: 12 Nov 2018 17:51

Instrument :

MSVOA\_N

ClientSampleId :

PB114678ZHE#12

Tot Ion: 43 Resp: 15202

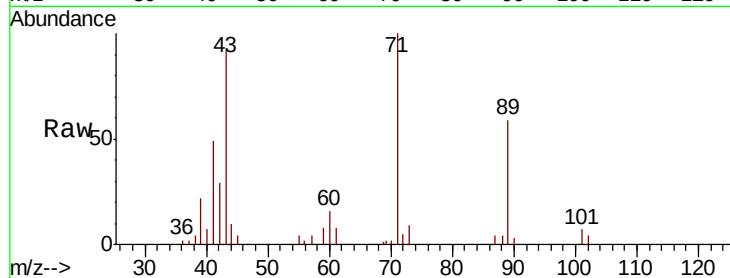
Ion Ratio Lower Upper

43 100

70 2.2 28.2 42.2#

55 5.8 17.4 26.2#

61 10.0 16.3 24.5#

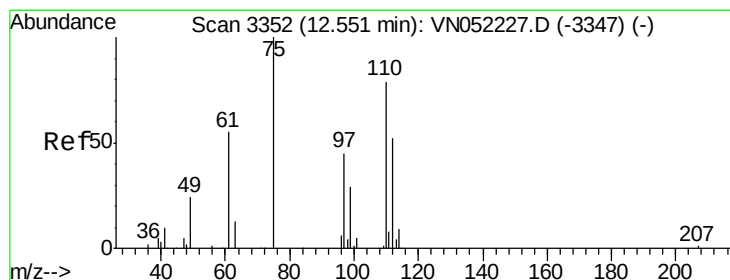
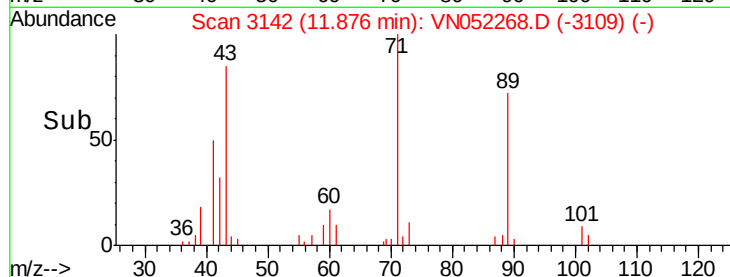
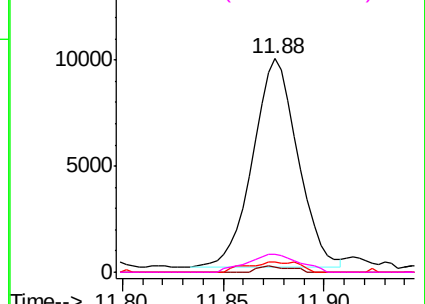


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 37.069 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052268.D

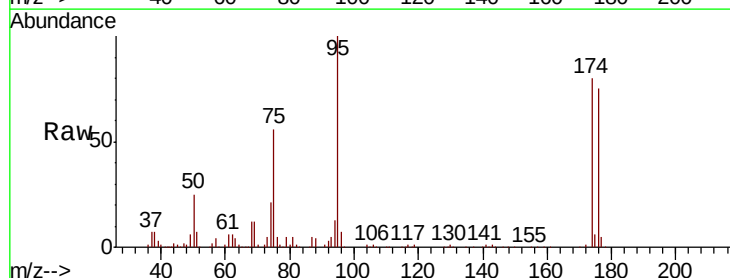
Acq: 12 Nov 2018 17:51

Tgt Ion: 75 Resp: 109708

Ion Ratio Lower Upper

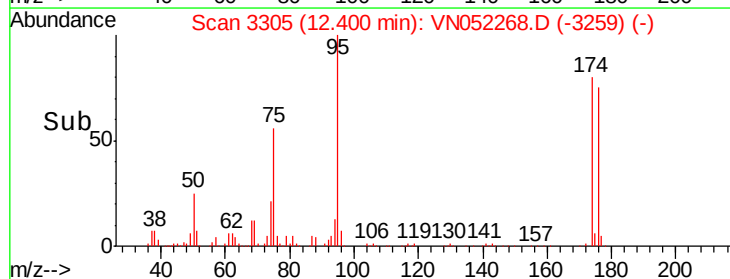
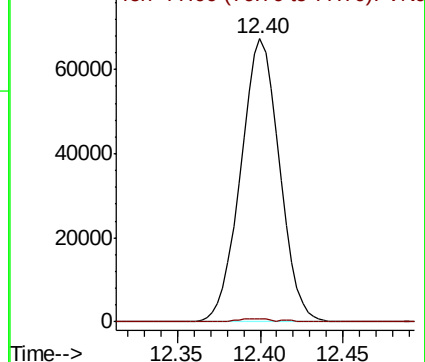
75 100

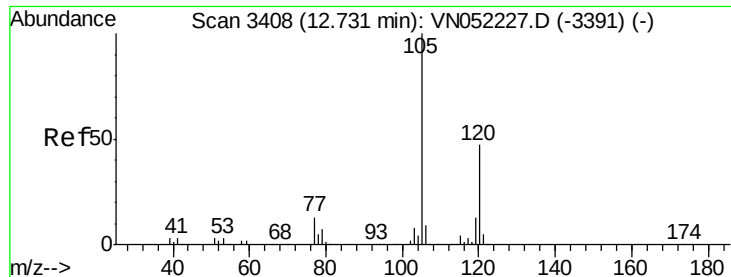
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

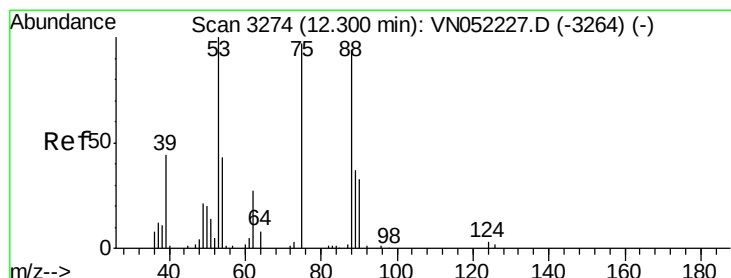
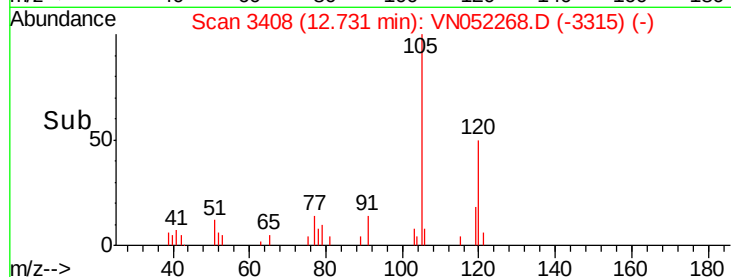
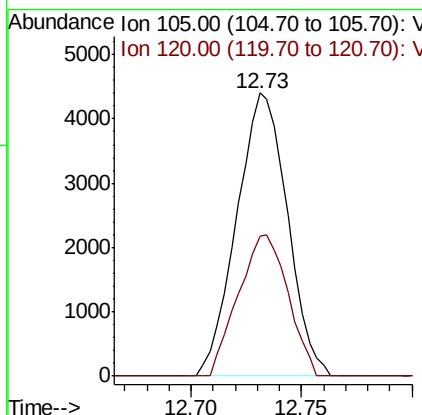
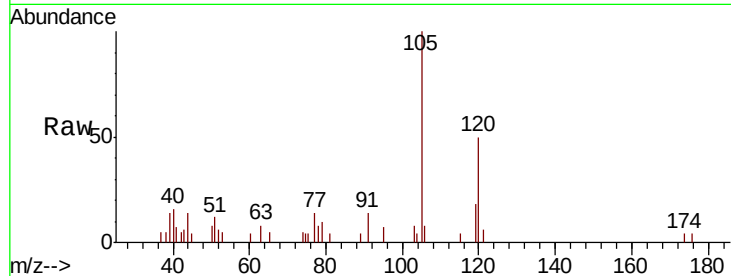




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.647 ug/l  
 RT: 12.73 min Scan# 3408  
 Delta R.T. 0.00 min  
 Lab File: VN052268.D  
 Acq: 12 Nov 2018 17:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB114678ZHE#12

Tot Ion:105 Resp: 7039  
 Ion Ratio Lower Upper  
 105 100  
 120 48.7 23.9 71.8



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 126.534 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.10 min  
 Lab File: VN052268.D  
 Acq: 12 Nov 2018 17:51

Tgt Ion: 75 Resp: 109708  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 84.0 126.0#  
 89 0.0 33.7 50.5#

