

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\  
 Data File : VN049521.D  
 Acq On : 25 Jun 2018 19:47  
 Operator : MD\SY  
 Sample : PB110537ZHE#06  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB110537ZHE#06

Quant Time: Jun 26 01:42:40 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 01:02:01 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1115053  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1796831  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1488676  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 405608   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 757055   | 51.19 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.38% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 666341   | 45.84 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.68%  |      |
| 50) Toluene-d8            | 10.09  | 98  | 2418675  | 43.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 87.40%  |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 603840   | 32.99 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 65.98%  |      |

## Target Compounds

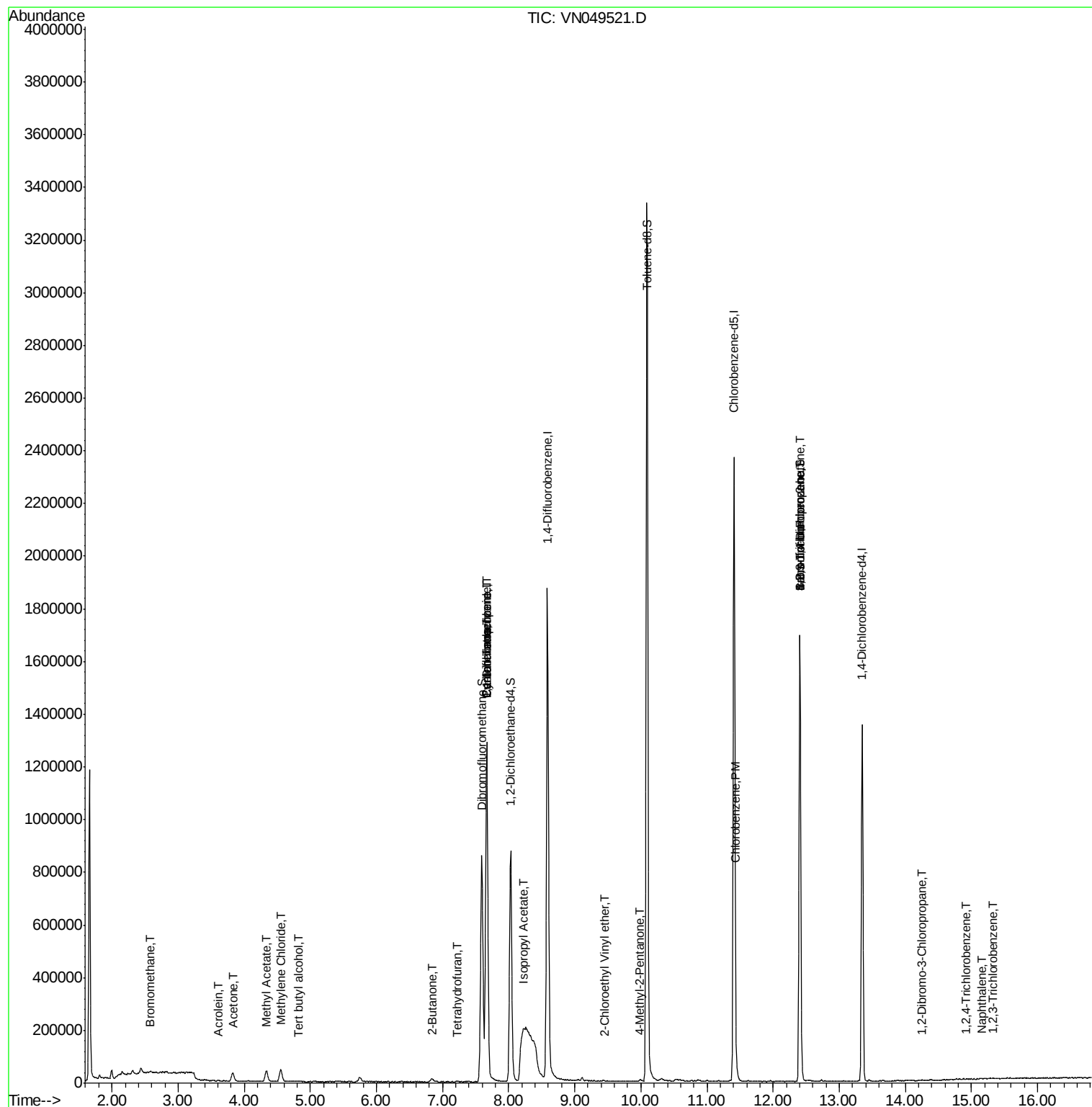
|                                |       |     |        |        |        | Qvalue |
|--------------------------------|-------|-----|--------|--------|--------|--------|
| 5) Bromomethane                | 2.57  | 94  | 2236   | 0.24   | ug/l   | 85     |
| 11) Tert butyl alcohol         | 4.81  | 59  | 196    | 0.23   | ug/l # | 70     |
| 13) Acrolein                   | 3.61  | 56  | 809    | 0.89   | ug/l   | 93     |
| 16) Acetone                    | 3.82  | 43  | 58231  | 16.22  | ug/l # | 88     |
| 18) Methyl Acetate             | 4.33  | 43  | 77204  | 7.05   | ug/l   | 93     |
| 20) Methylene Chloride         | 4.55  | 84  | 35429  | 2.36   | ug/l   | 93     |
| 25) 2-Butanone                 | 6.86  | 43  | 6649   | 1.38   | ug/l   | 92     |
| 29) Tetrahydrofuran            | 7.21  | 42  | 846    | 0.27   | ug/l # | 64     |
| 31) Cyclohexane                | 7.67  | 56  | 21908  | 0.83   | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.67  | 75  | 76907  | 3.73   | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 7.67  | 117 | 101934 | 4.78   | ug/l # | 17     |
| 43) Isopropyl Acetate          | 8.22  | 43  | 241116 | 11.27  | ug/l # | 64     |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43  | 4072   | 0.36   | ug/l   | 95     |
| 58) 2-Chloroethyl Vinyl ether  | 9.44  | 63  | 73     | 14.34  | ug/l # | 51     |
| 65) Chlorobenzene              | 11.44 | 112 | 12954  | 0.34   | ug/l   | 96     |
| 71) Bromoform                  | 12.41 | 173 | 3406   | 0.36   | ug/l # | 1      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.49 | 83  | 29     | Below  | Cal #  | 26     |
| 76) 1,2,3-Trichloropropane     | 12.41 | 75  | 293872 | 42.46  | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.41 | 75  | 293872 | 134.21 | ug/l # | 9      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75  | 666    | 0.54   | ug/l # | 4      |
| 93) 1,2,4-Trichlorobenzene     | 14.91 | 180 | 996    | 4.87   | ug/l # | 59     |
| 94) Hexachlorobutadiene        | 15.01 | 225 | 31     | Below  | Cal #  | 1      |
| 95) Naphthalene                | 15.14 | 128 | 1861   | 2.24   | ug/l # | 73     |
| 96) 1,2,3-Trichlorobenzene     | 15.32 | 180 | 953    | 3.59   | ug/l # | 55     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062518\  
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Sample : PB110537ZHE#06  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB110537ZHE#06

Quant Time: Jun 26 01:42:40 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 16 01:02:01 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

Instrument :

MSVOA\_N

ClientSampleId :

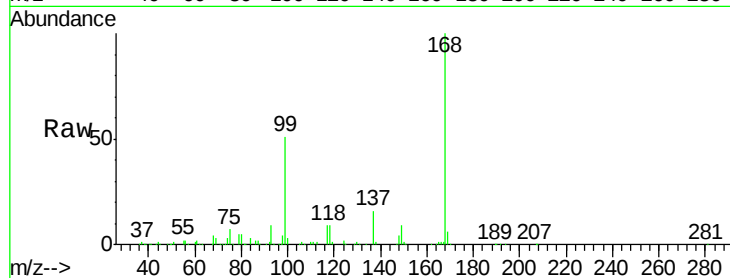
PB110537ZHE#06

Tot Ion:168 Resp: 1115053

Ion Ratio Lower Upper

168 100

99 51.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

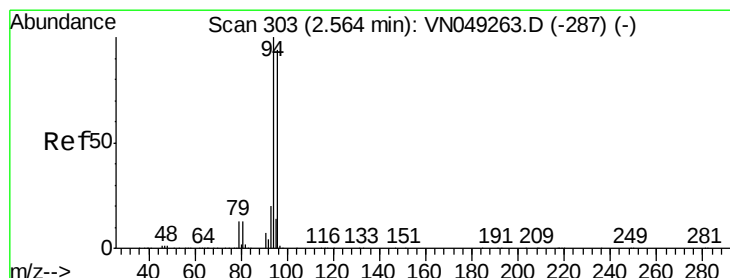
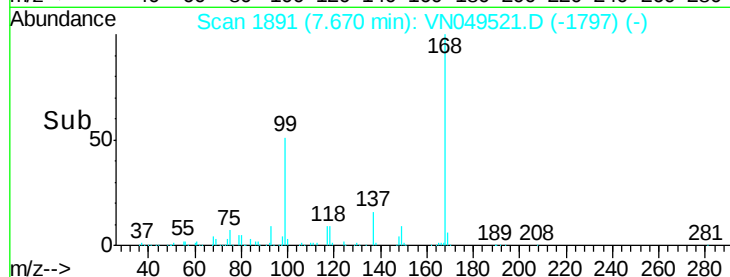
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.24 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049521.D

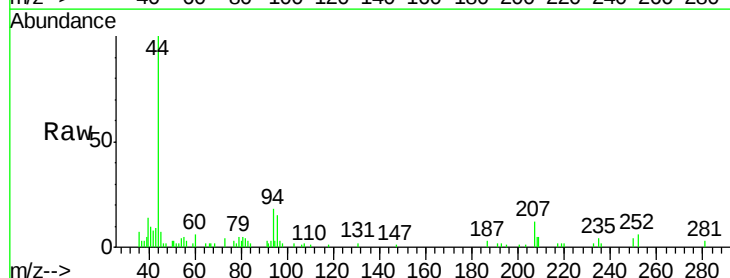
Acq: 25 Jun 2018 19:47

Tgt Ion: 94 Resp: 2236

Ion Ratio Lower Upper

94 100

96 76.4 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

2500

2000

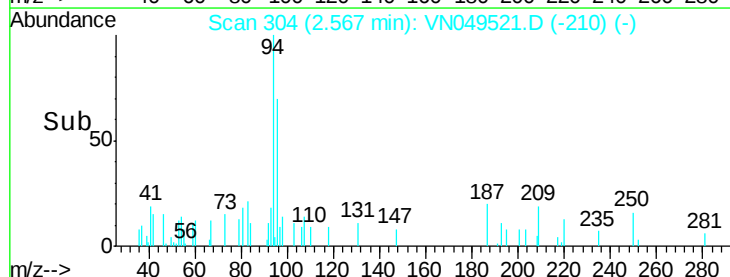
1500

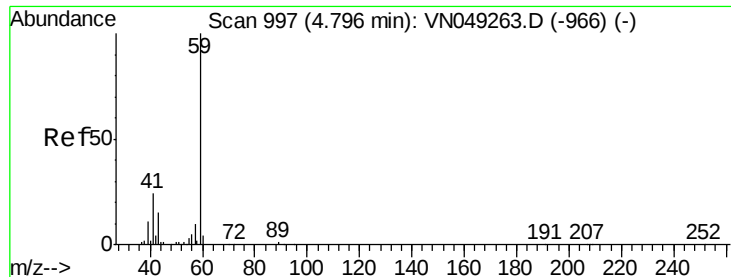
1000

500

0

Time-->



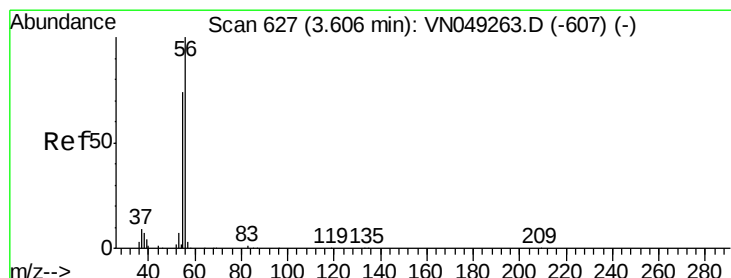
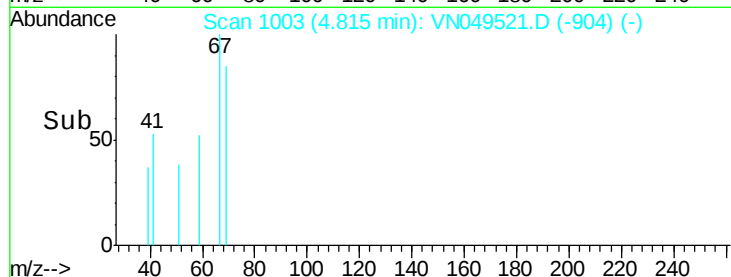
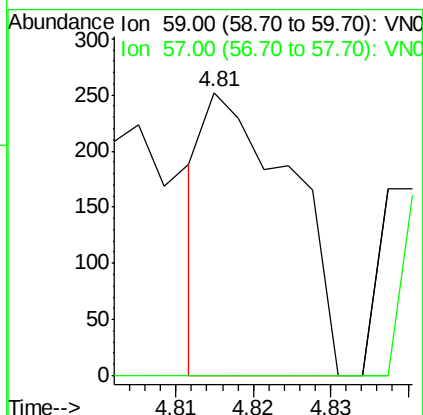
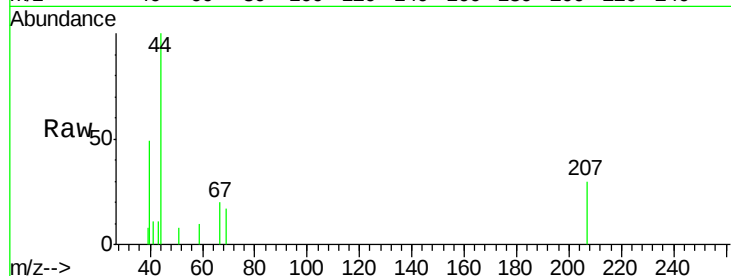


#11

Tert butyl alcohol  
 Concen: 0.23 ug/l  
 RT: 4.81 min Scan# 1003  
 Delta R.T. 0.02 min  
 Lab File: VN049521.D  
 Acq: 25 Jun 2018 19:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB110537ZHE#06

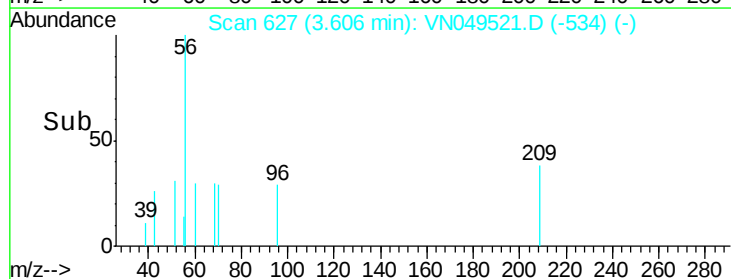
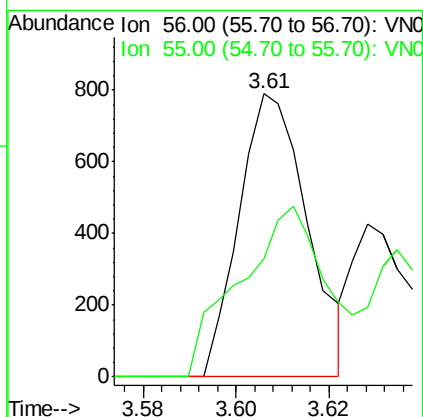
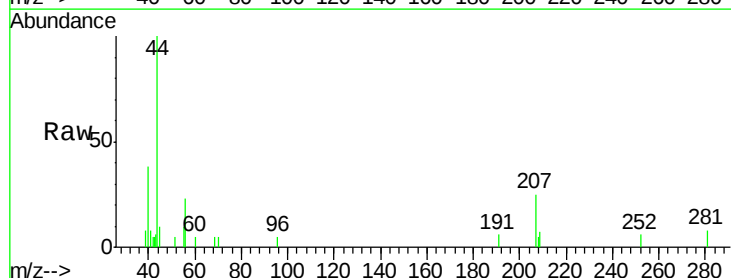
Tot Ion: 59 Resp: 196  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 9.0 13.6#

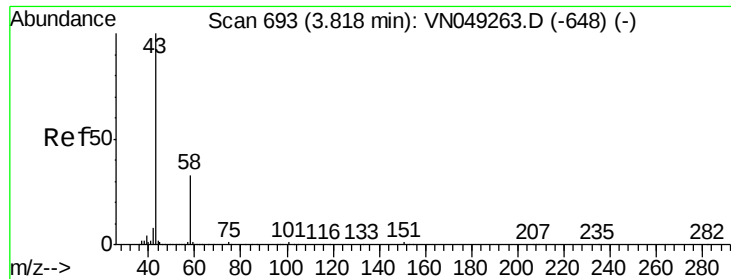


#13

Acrolein  
 Concen: 0.89 ug/l  
 RT: 3.61 min Scan# 627  
 Delta R.T. -0.00 min  
 Lab File: VN049521.D  
 Acq: 25 Jun 2018 19:47

Tgt Ion: 56 Resp: 809  
 Ion Ratio Lower Upper  
 56 100  
 55 76.9 57.1 85.7





#16

Acetone

Concen: 16.22 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

Instrument :

MSVOA\_N

ClientSampleId :

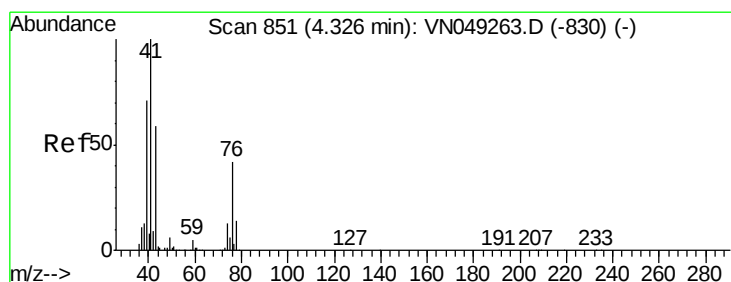
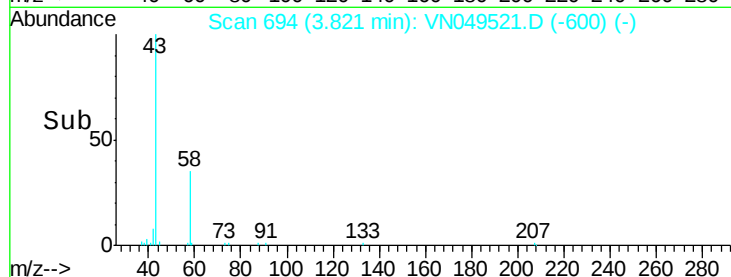
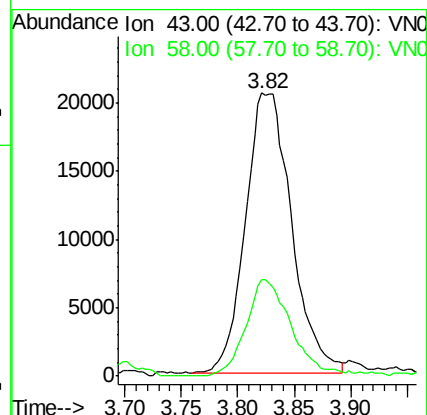
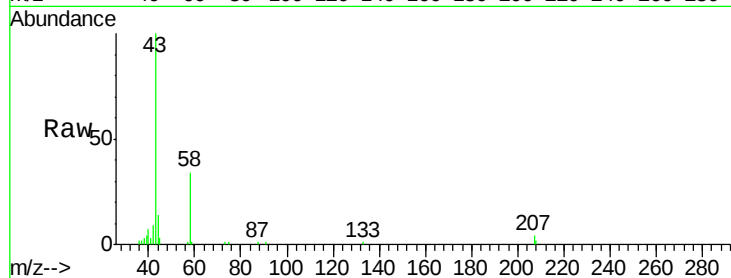
PB110537ZHE#06

Tot Ion: 43 Resp: 58231

Ion Ratio Lower Upper

43 100

58 34.5 22.4 33.6#



#18

Methyl Acetate

Concen: 7.05 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049521.D

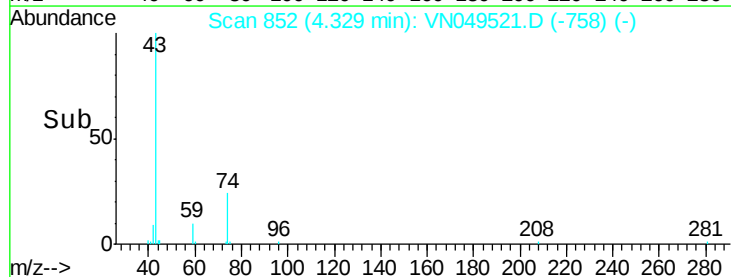
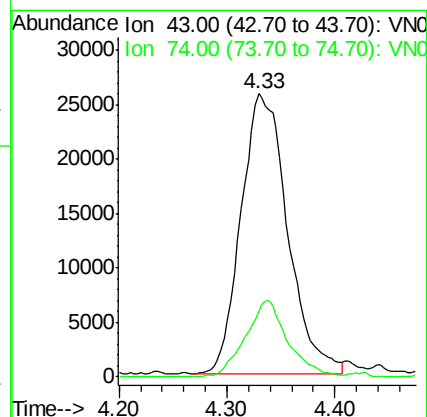
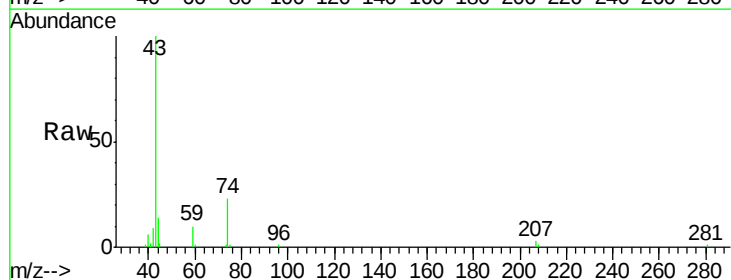
Acq: 25 Jun 2018 19:47

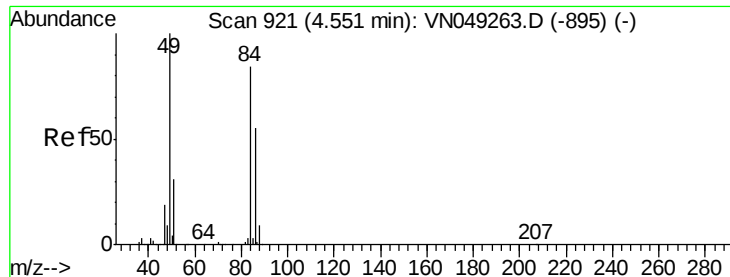
Tgt Ion: 43 Resp: 77204

Ion Ratio Lower Upper

43 100

74 24.9 17.4 26.0

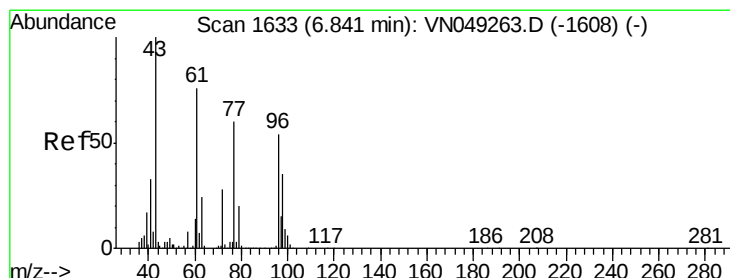
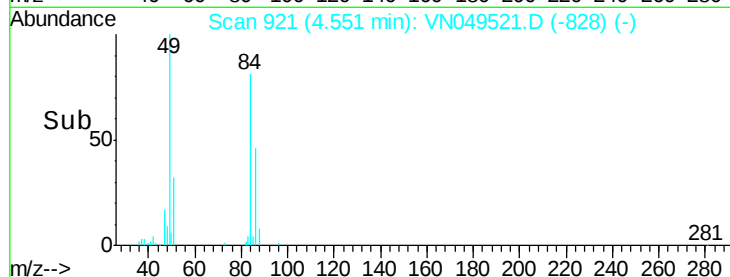
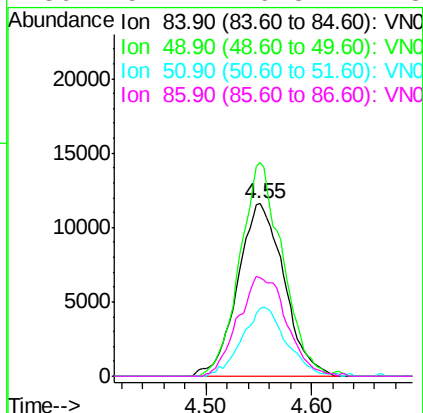
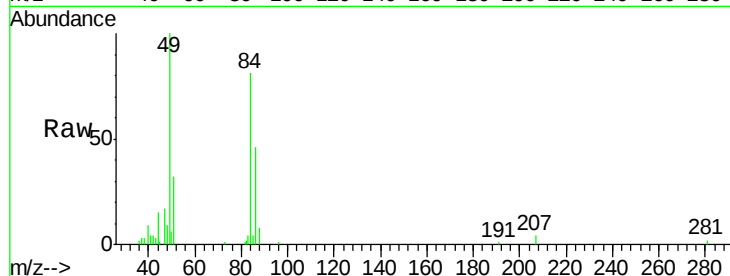




#20  
Methvlene Chloride  
Concen: 2.36 ug/l  
RT: 4.55 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: VN049521.D  
Acq: 25 Jun 2018 19:47

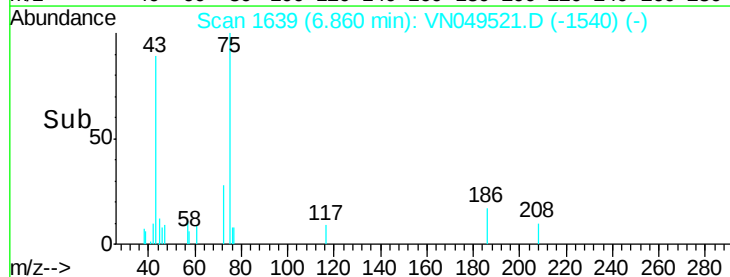
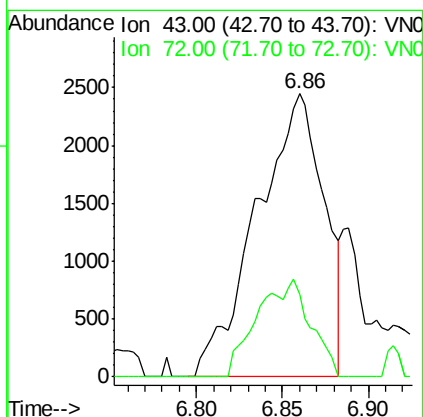
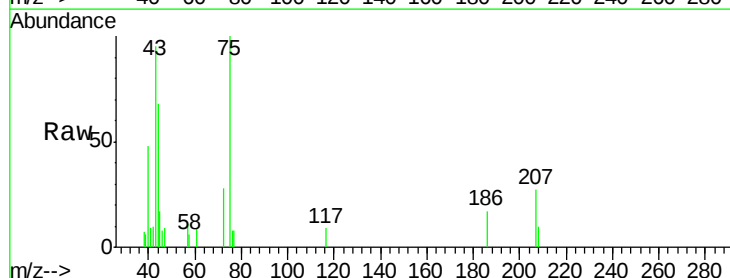
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB110537ZHE#06

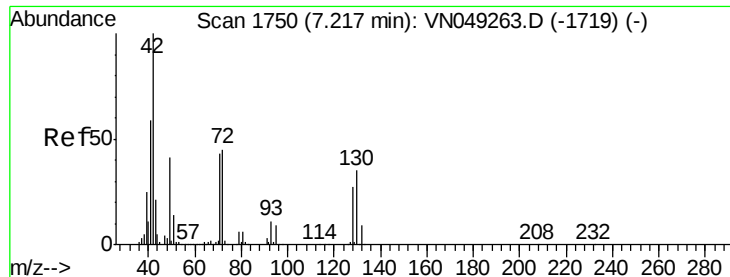
Tot Ion: 84 Resp: 35429  
Ion Ratio Lower Upper  
84 100  
49 123.8 106.9 160.3  
51 39.6 32.7 49.1  
86 57.4 49.8 74.8



#25  
2-Butanone  
Concen: 1.38 ug/l  
RT: 6.86 min Scan# 1639  
Delta R.T. 0.02 min  
Lab File: VN049521.D  
Acq: 25 Jun 2018 19:47

Tgt Ion: 43 Resp: 6649  
Ion Ratio Lower Upper  
43 100  
72 29.3 20.2 30.2





#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 7.21 min Scan# 1748

Delta R.T. -0.01 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

Instrument :

MSVOA\_N

ClientSampleId :

PB110537ZHE#06

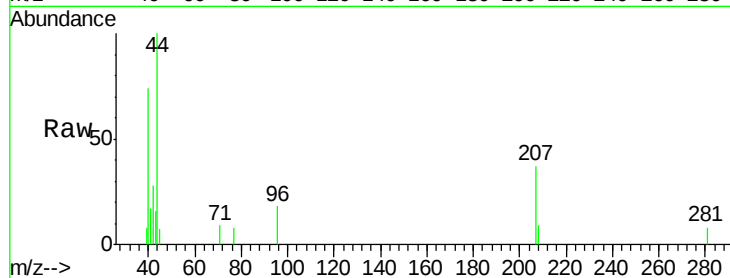
Tot Ion: 42 Resp: 846

Ion Ratio Lower Upper

42 100

72 11.7 32.2 48.4#

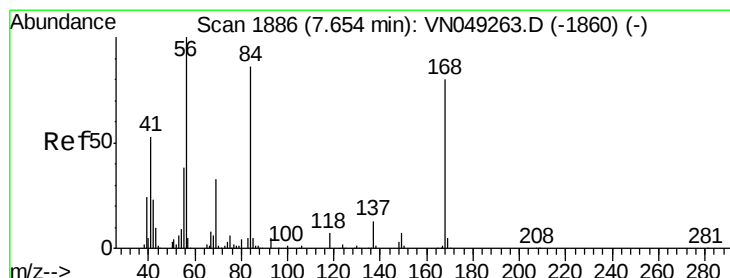
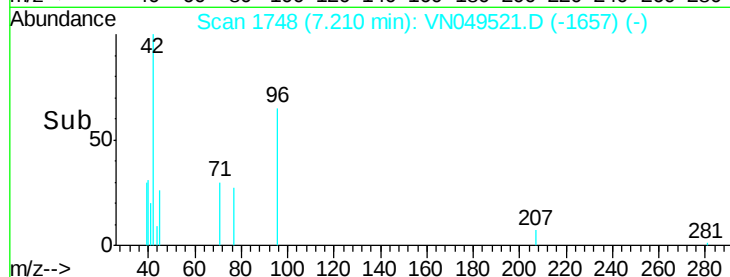
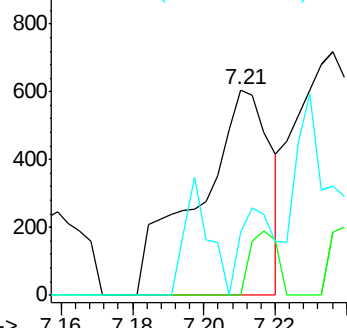
71 22.7 30.5 45.7#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.83 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

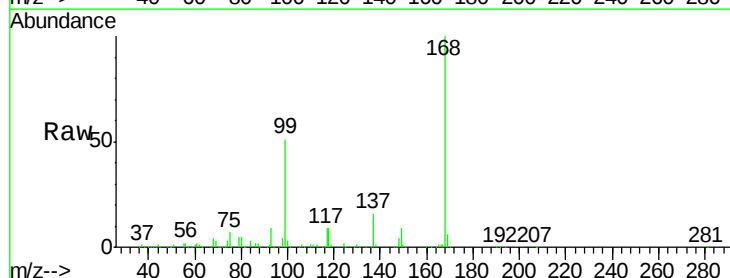
Tgt Ion: 56 Resp: 21908

Ion Ratio Lower Upper

56 100

69 172.9 25.0 37.4#

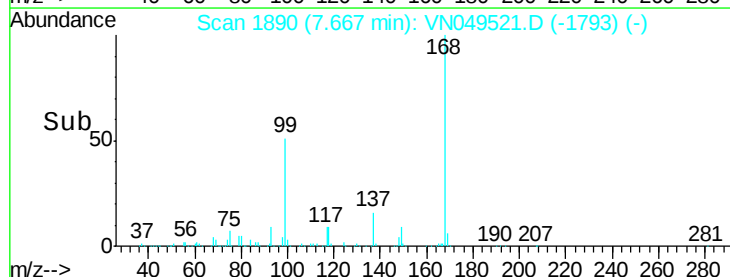
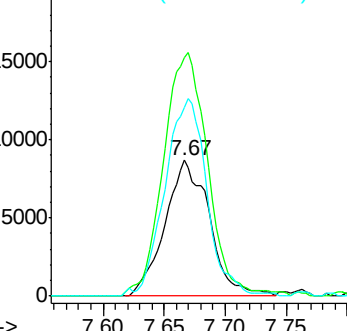
84 137.2 64.6 96.8#

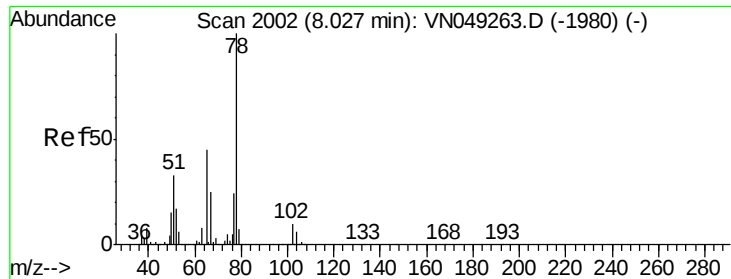


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.19 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

Instrument :

MSVOA\_N

ClientSampleId :

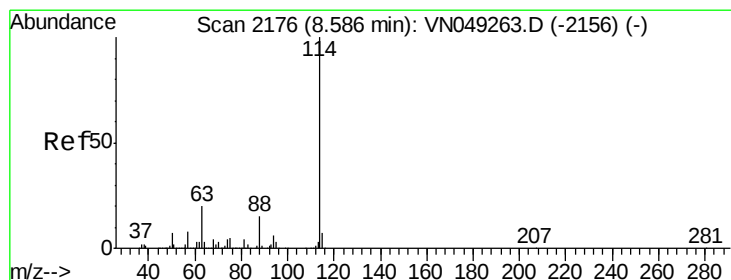
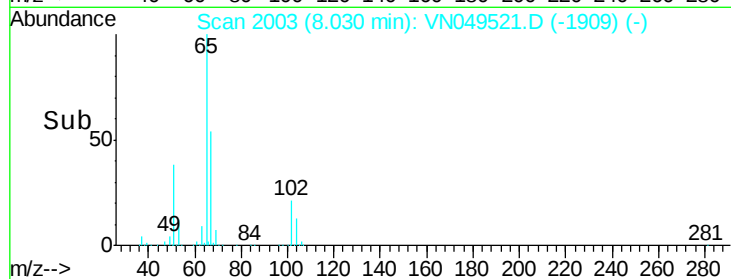
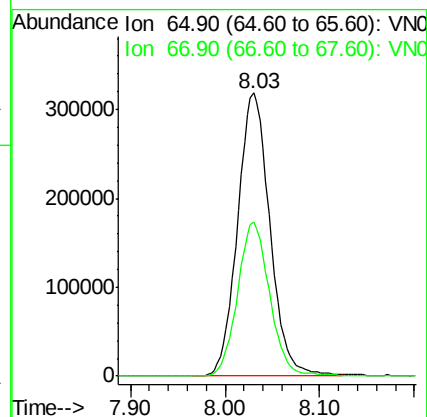
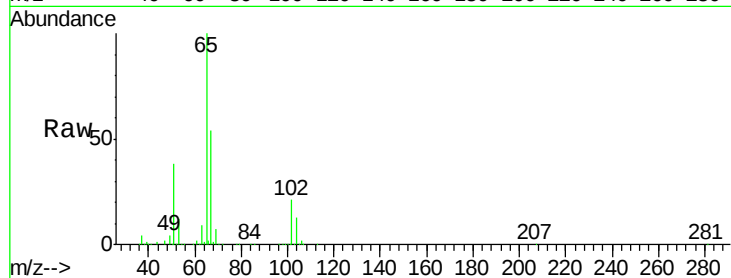
PB110537ZHE#06

Tot Ion: 65 Resp: 757055

Ion Ratio Lower Upper

65 100

67 54.0 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

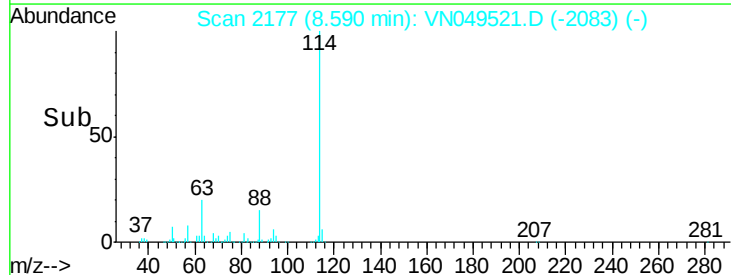
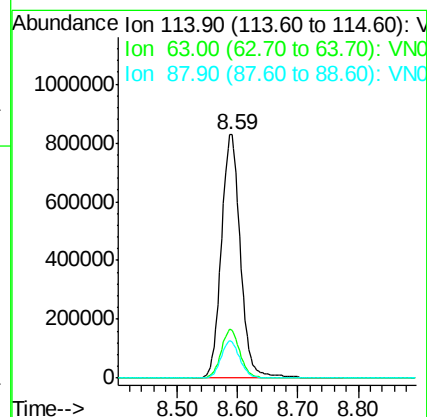
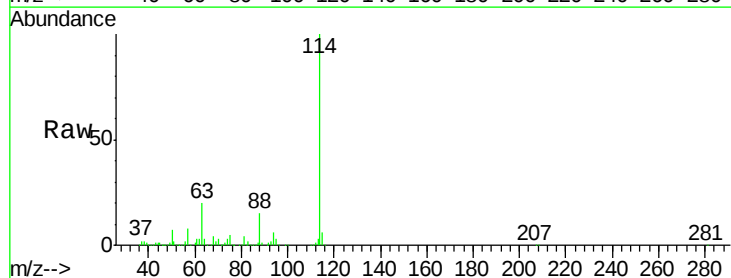
Tgt Ion: 114 Resp: 1796831

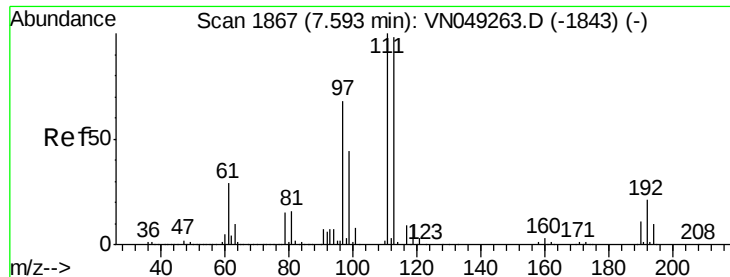
Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.4

88 15.1 0.0 31.4

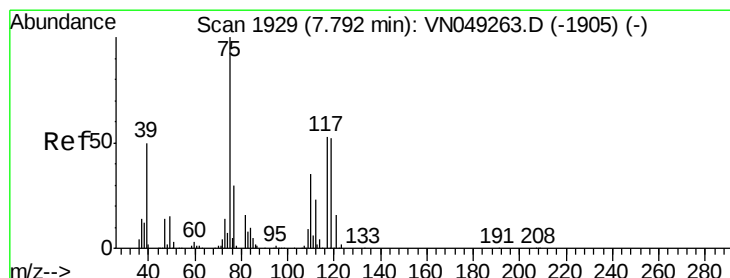
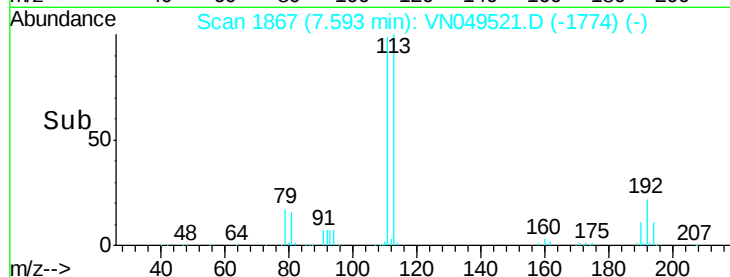
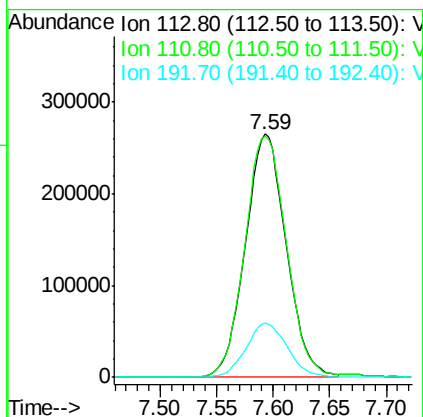
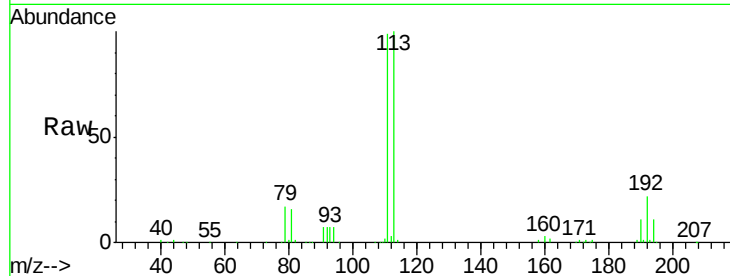




#35  
 Dibromofluoromethane  
 Concen: 45.84 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. -0.00 min  
 Lab File: VN049521.D  
 Acq: 25 Jun 2018 19:47

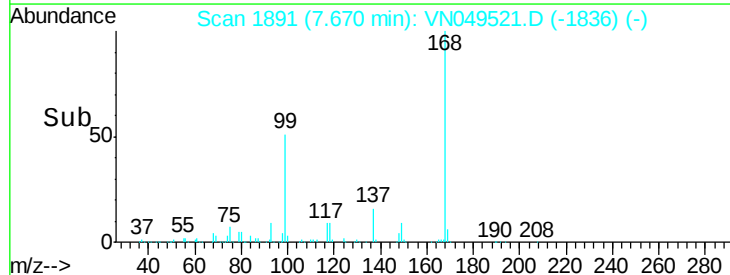
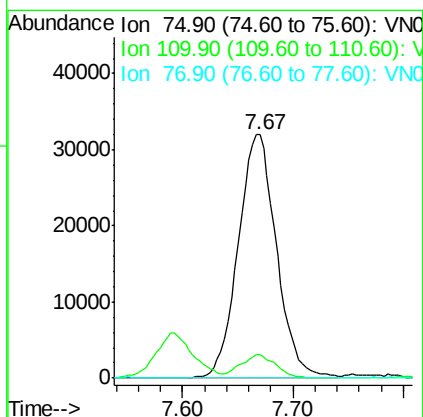
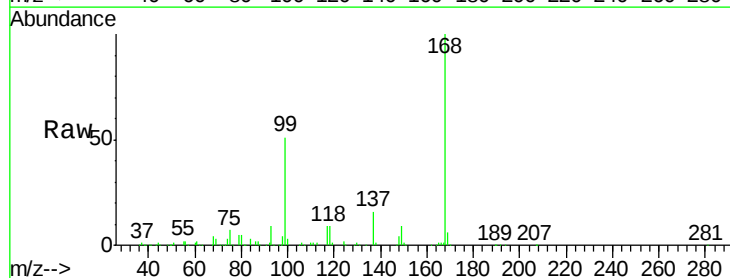
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB110537ZHE#06

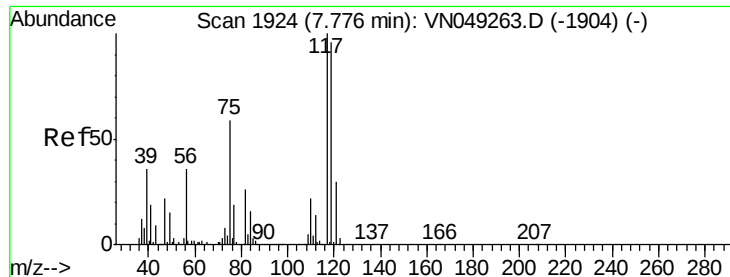
Tot Ion:113 Resp: 666341  
 Ion Ratio Lower Upper  
 113 100  
 111 102.1 82.4 123.6  
 192 22.7 15.0 22.6#



#36  
 1,1-Dichloropropene  
 Concen: 3.73 ug/l  
 RT: 7.67 min Scan# 1891  
 Delta R.T. -0.12 min  
 Lab File: VN049521.D  
 Acq: 25 Jun 2018 19:47

Tgt Ion: 75 Resp: 76907  
 Ion Ratio Lower Upper  
 75 100  
 110 8.8 17.0 50.9#  
 77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 4.78 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

Instrument :

MSVOA\_N

ClientSampleId :

PB110537ZHE#06

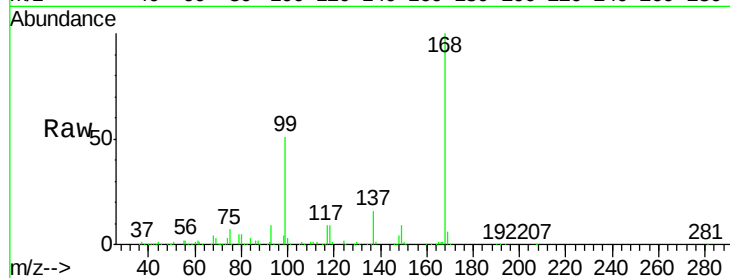
Tot Ion:117 Resp: 101934

Ion Ratio Lower Upper

117 100

119 6.0 75.6 113.4#

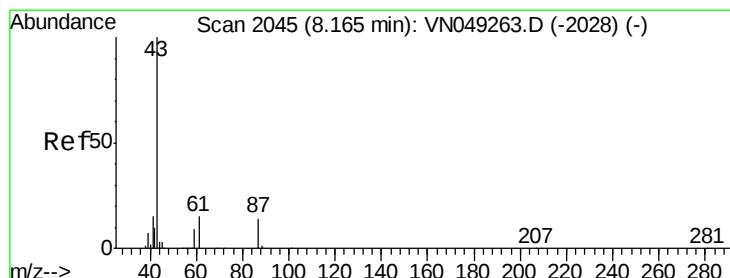
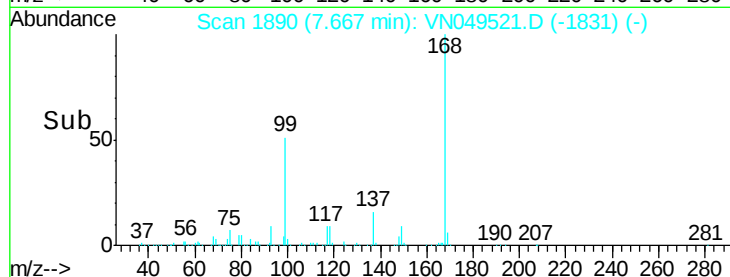
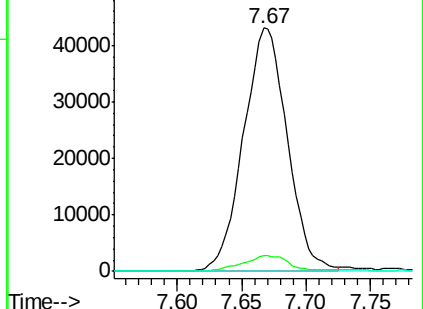
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 11.27 ug/l

RT: 8.22 min Scan# 2063

Delta R.T. 0.06 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

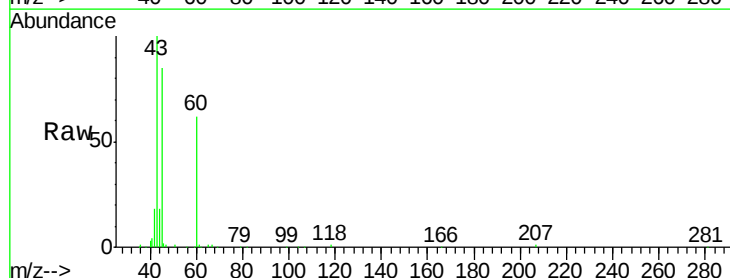
Tgt Ion: 43 Resp: 241116

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

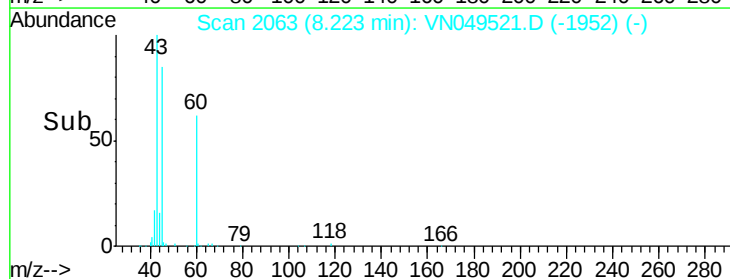
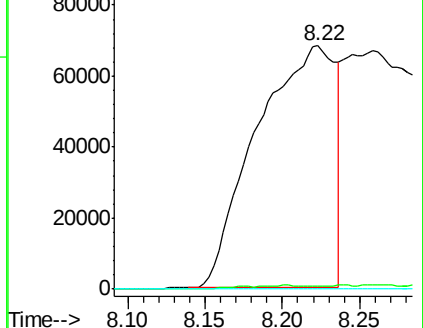
87 0.0 9.4 14.0#

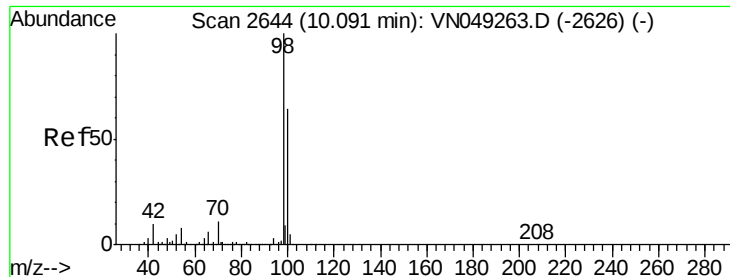


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 43.70 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

Instrument :

MSVOA\_N

ClientSampleId :

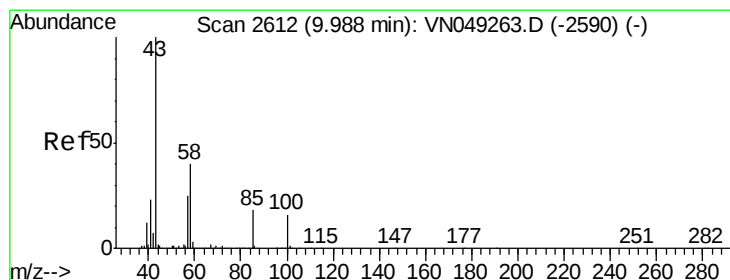
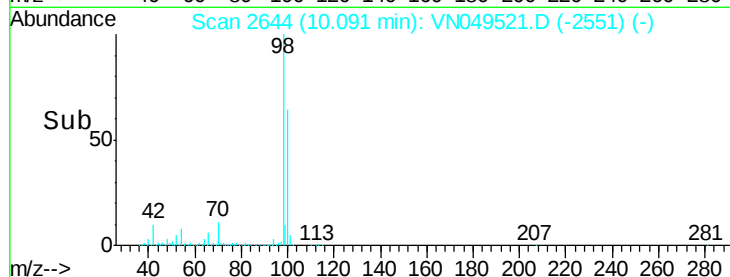
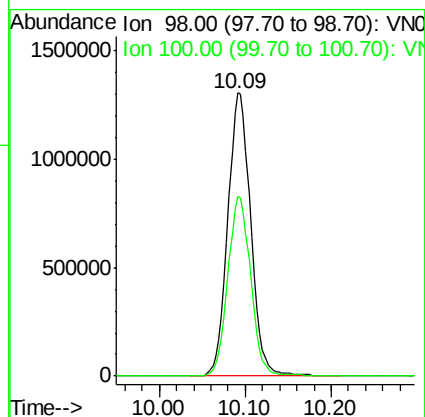
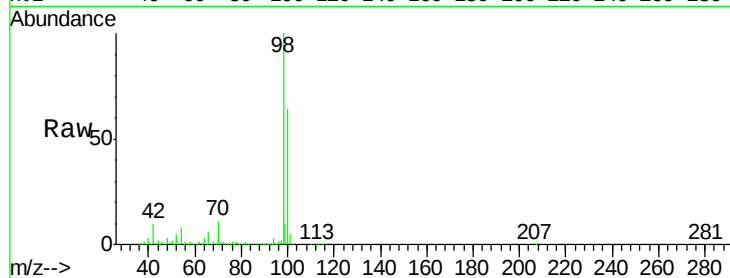
PB110537ZHE#06

Tot Ion: 98 Resp: 2418675

Ion Ratio Lower Upper

98 100

100 63.6 49.8 74.8



#51

4-Methyl-2-Pentanone

Concen: 0.36 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN049521.D

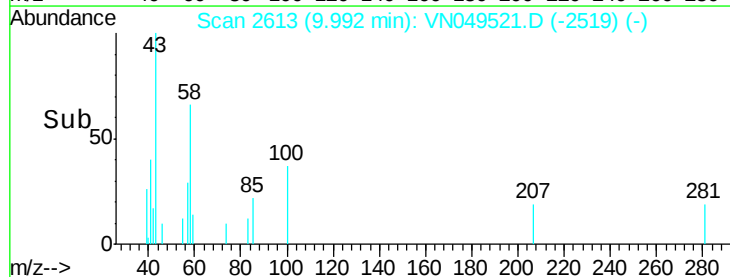
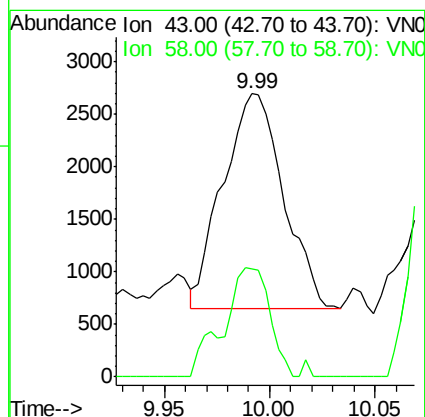
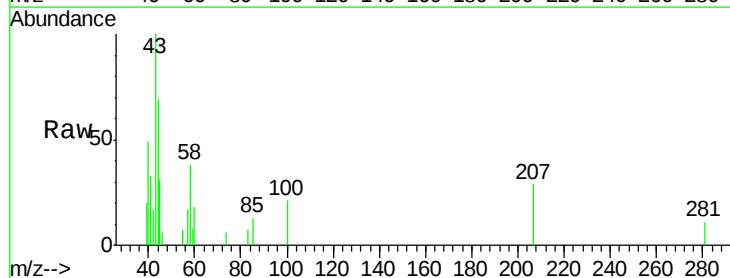
Acq: 25 Jun 2018 19:47

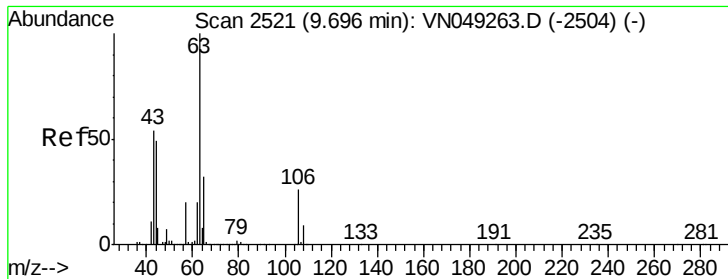
Tgt Ion: 43 Resp: 4072

Ion Ratio Lower Upper

43 100

58 39.1 29.0 43.6





#58

2-Chloroethyl Vinyl ether

Concen: 14.34 ug/l

RT: 9.44 min Scan# 2443

Delta R.T. -0.25 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

Instrument :

MSVOA\_N

ClientSampleId :

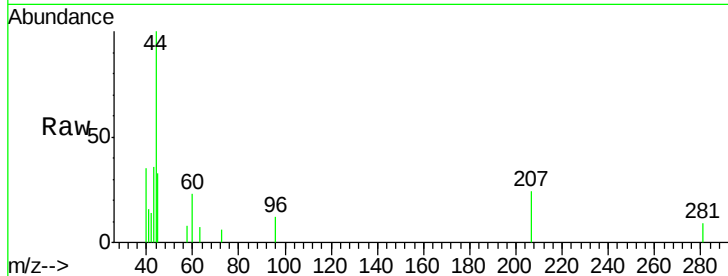
PB110537ZHE#06

Tot Ion: 63 Resp: 73

Ion Ratio Lower Upper

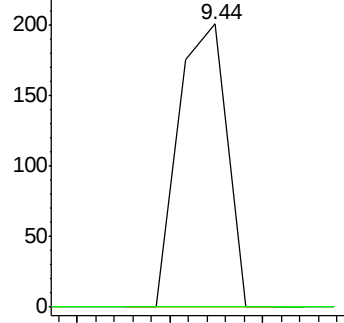
63 100

106 0.0 19.4 29.2#

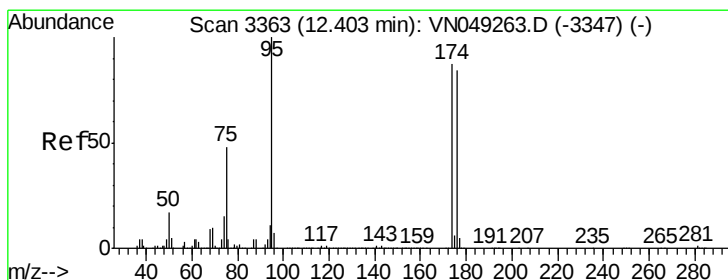
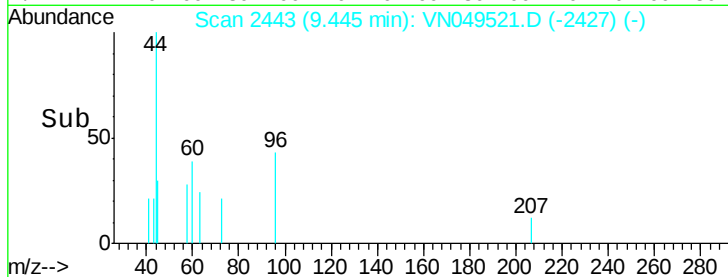


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



Time-->



#62

4-Bromofluorobenzene

Concen: 32.99 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

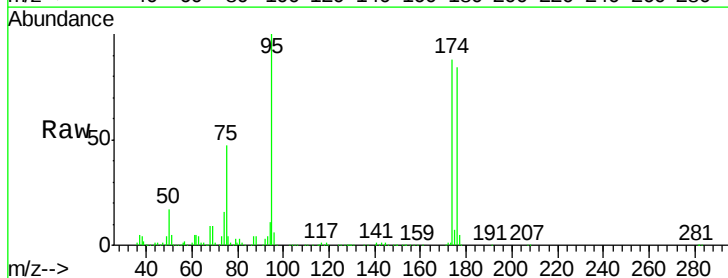
Tgt Ion: 95 Resp: 603840

Ion Ratio Lower Upper

95 100

174 91.0 0.0 165.6

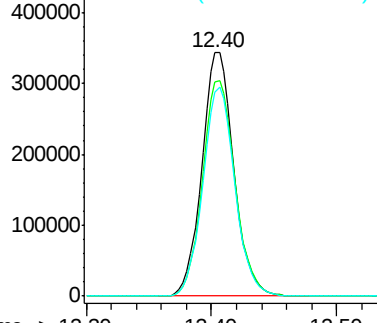
176 86.3 0.0 157.4



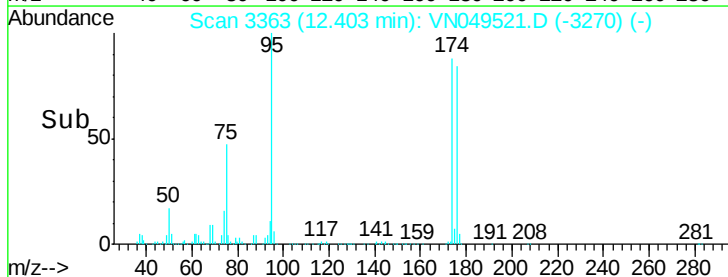
Abundance Ion 94.90 (94.60 to 95.60): VN0

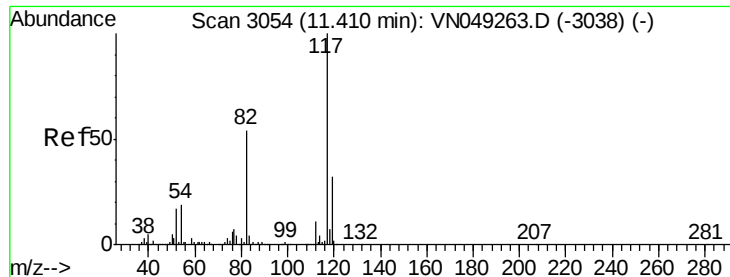
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

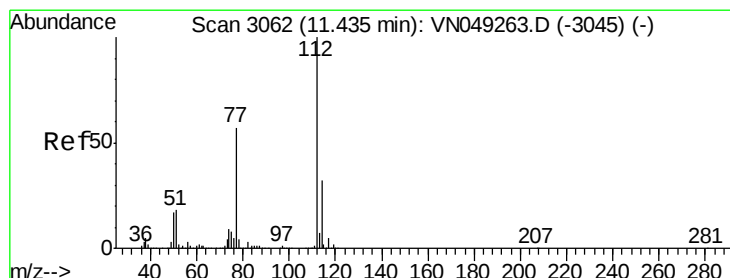
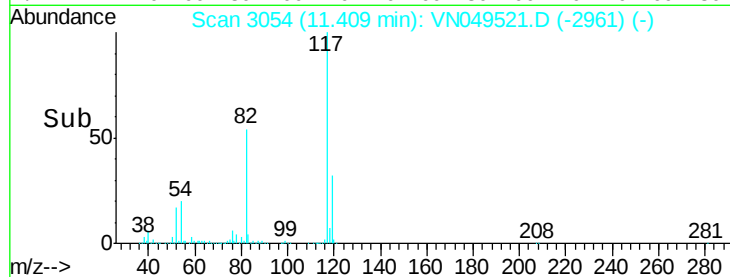
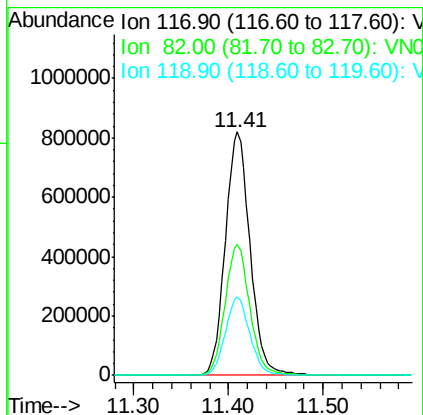
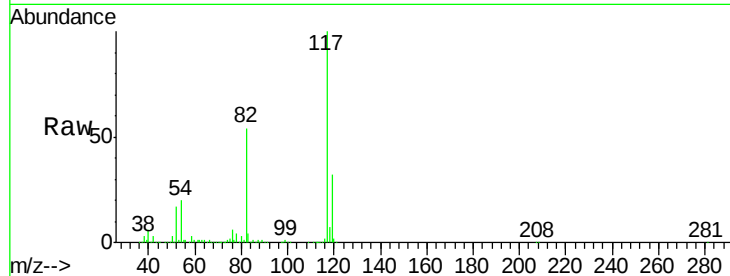




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 3054  
Delta R.T. -0.00 min  
Lab File: VN049521.D  
Acq: 25 Jun 2018 19:47

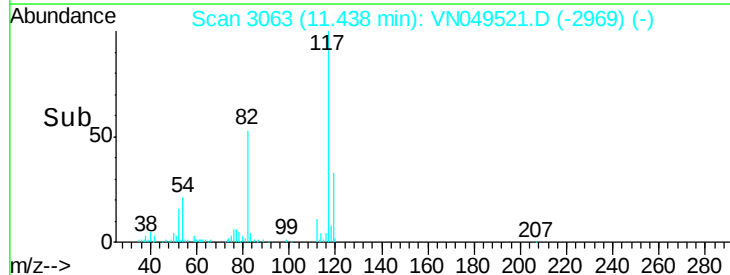
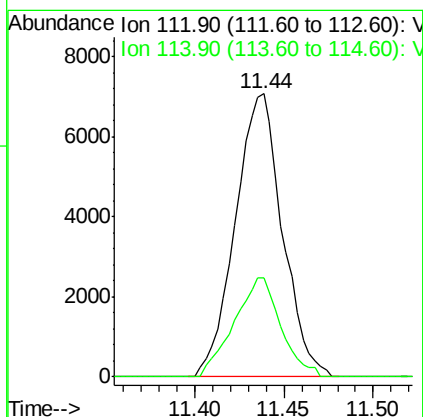
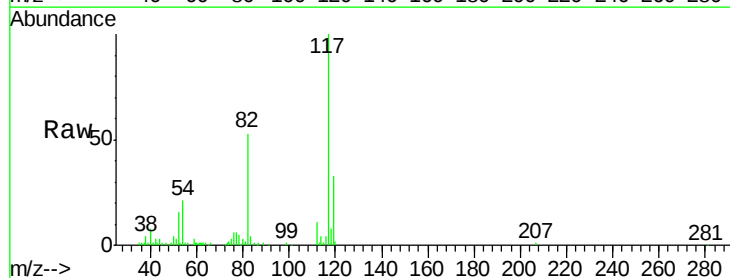
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB110537ZHE#06

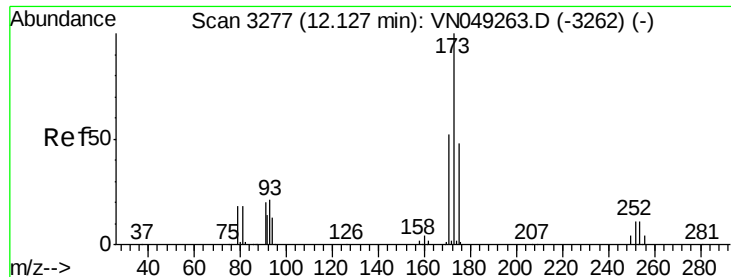
Tot Ion:117 Resp: 1488676  
Ion Ratio Lower Upper  
117 100  
82 53.9 45.9 68.9  
119 32.1 25.5 38.3



#65  
Chlorobenzene  
Concen: 0.34 ug/l  
RT: 11.44 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN049521.D  
Acq: 25 Jun 2018 19:47

Tgt Ion:112 Resp: 12954  
Ion Ratio Lower Upper  
112 100  
114 34.9 26.2 39.4





#71

Bromoform

Concen: 0.36 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

Instrument :

MSVOA\_N

ClientSampleId :

PB110537ZHE#06

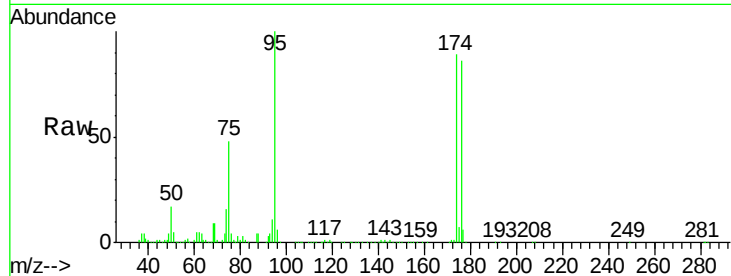
Tot Ion:173 Resp: 3406

Ion Ratio Lower Upper

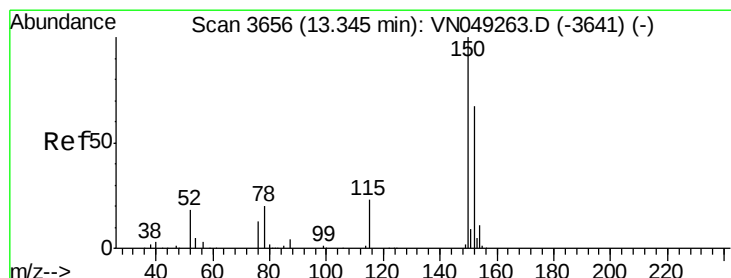
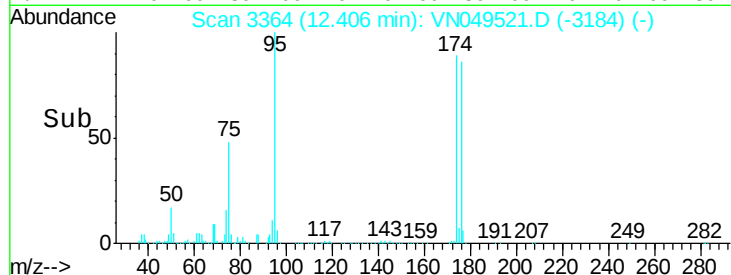
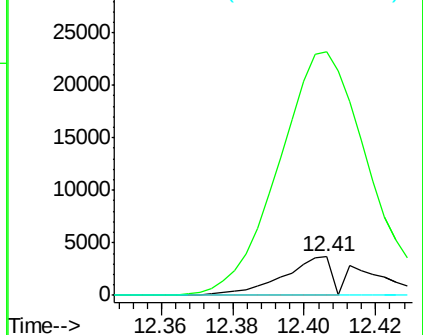
173 100

175 913.2 24.5 73.5#

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: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

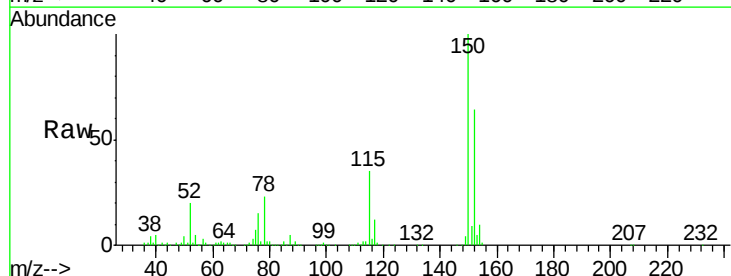
Tgt Ion:152 Resp: 405608

Ion Ratio Lower Upper

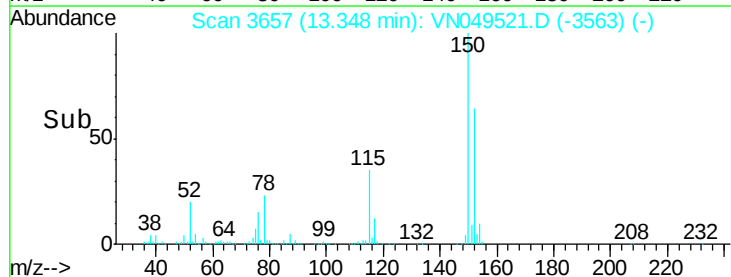
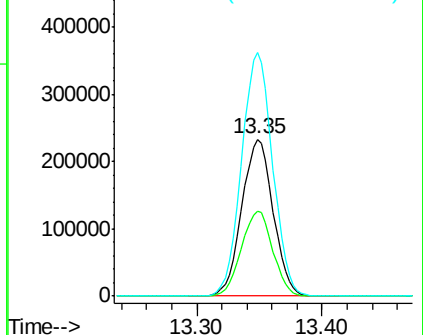
152 100

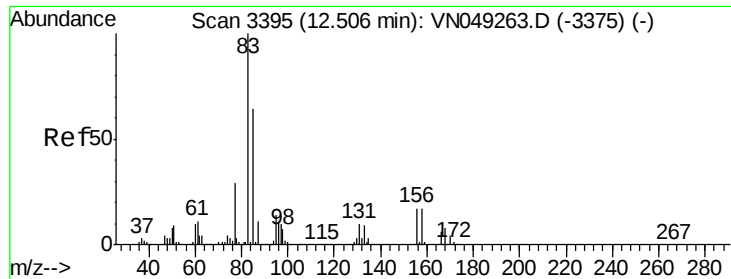
115 54.3 28.7 86.1

150 153.7 0.0 351.0



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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3389

Delta R.T. -0.02 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

Instrument :

MSVOA\_N

ClientSampleId :

PB110537ZHE#06

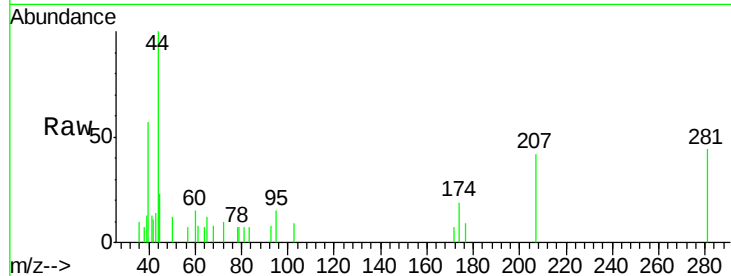
Tot Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

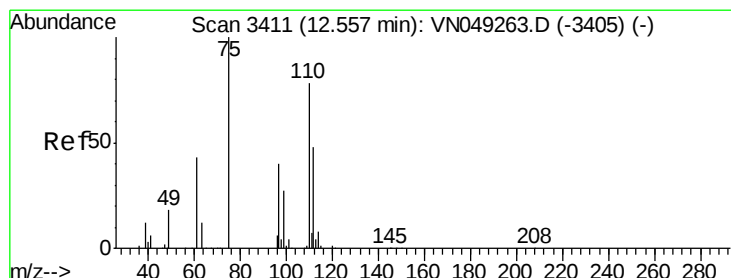
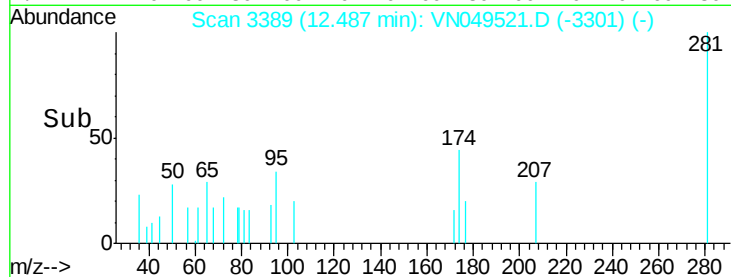
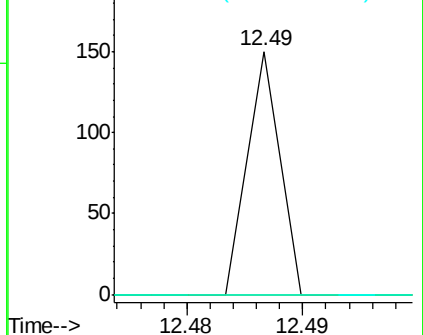
85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 42.46 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049521.D

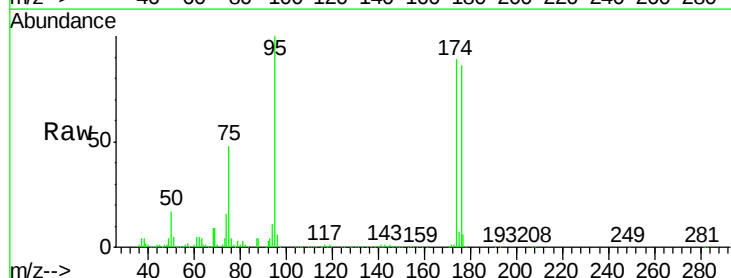
Acq: 25 Jun 2018 19:47

Tgt Ion: 75 Resp: 293872

Ion Ratio Lower Upper

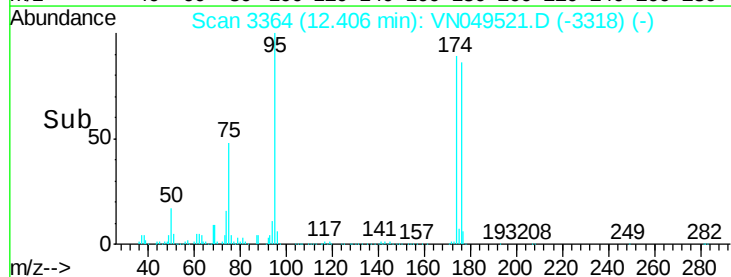
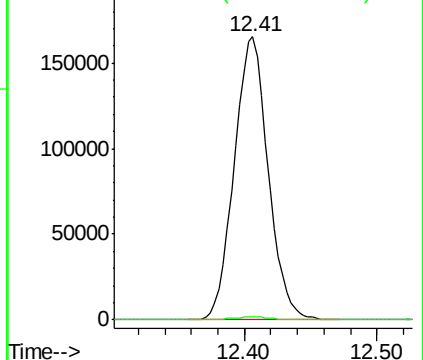
75 100

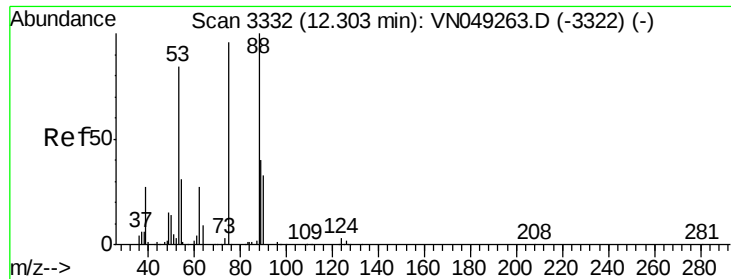
77 1.2 0.0 0.0#



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: 134.21 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

Instrument :

MSVOA\_N

ClientSampleId :

PB110537ZHE#06

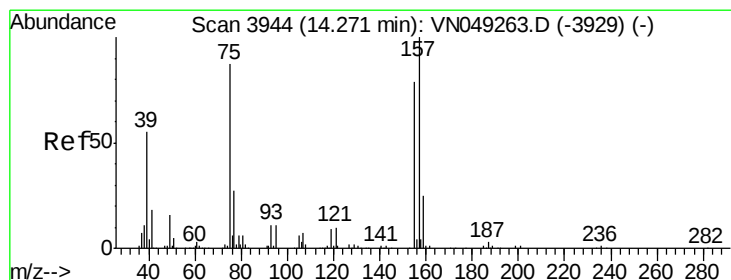
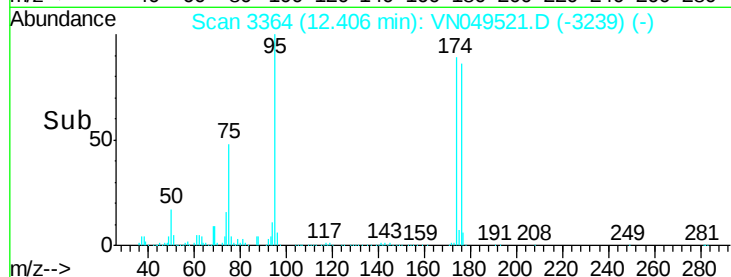
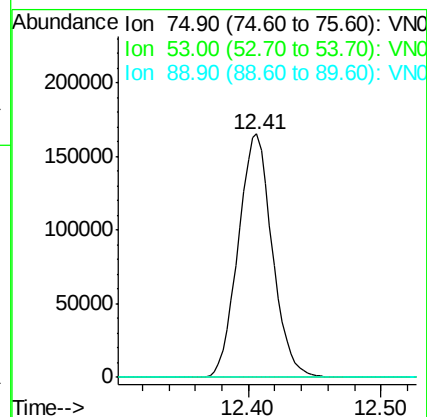
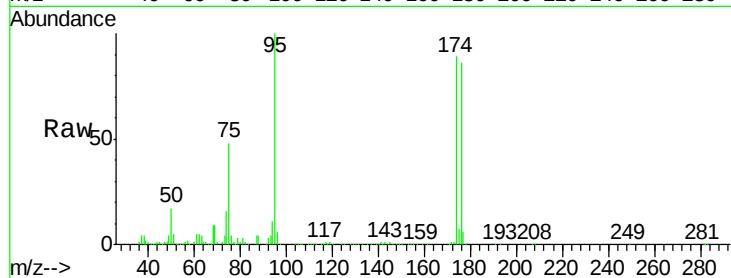
Tot Ion: 75 Resp: 293872

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

89 0.0 36.5 54.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.54 ug/l

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

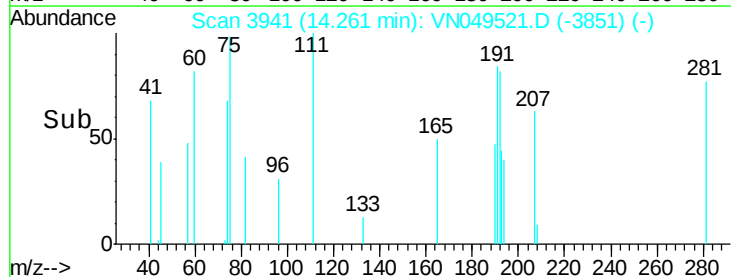
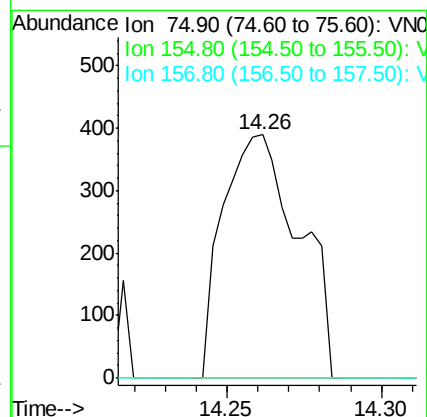
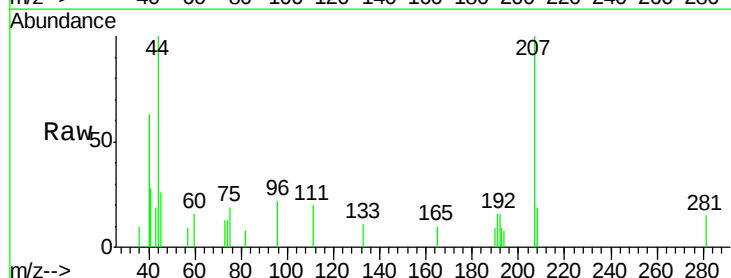
Tgt Ion: 75 Resp: 666

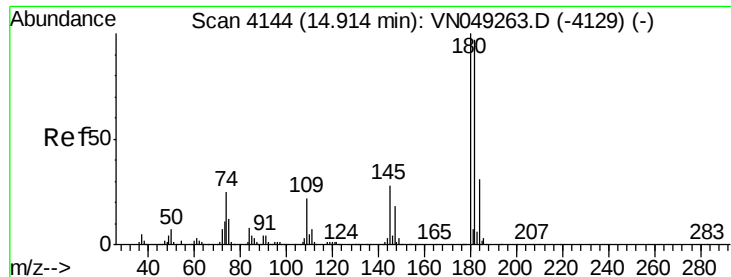
Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

157 0.0 51.0 153.1#

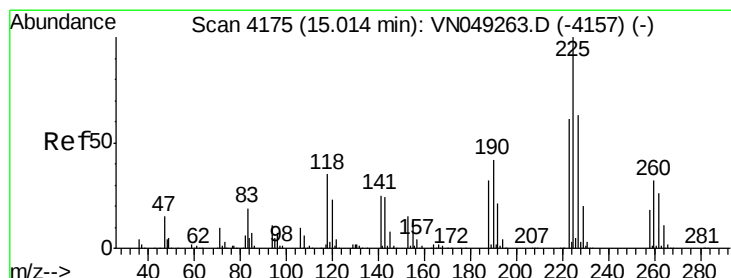
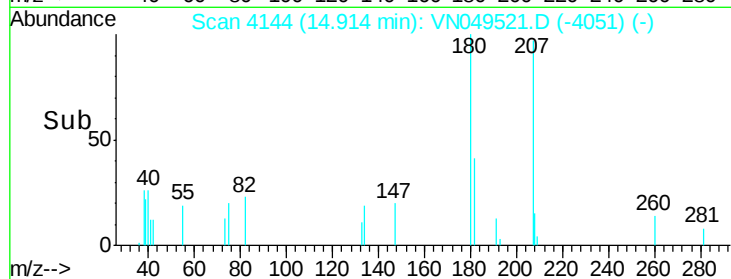
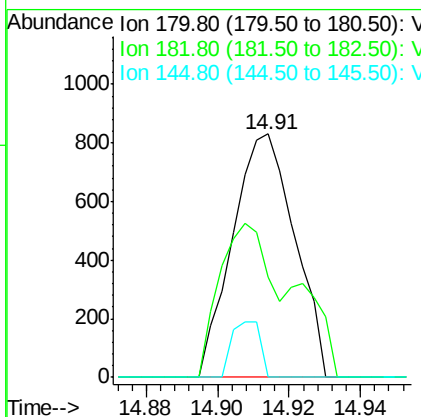
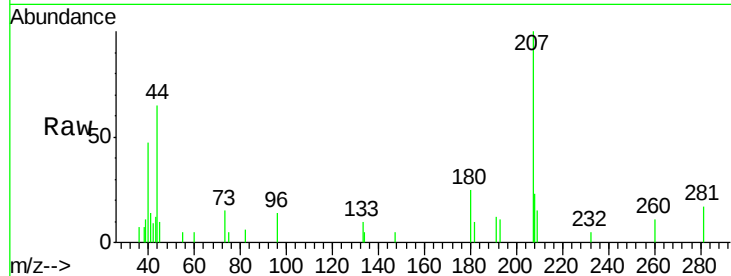




#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.87 ug/l  
 RT: 14.91 min Scan# 4144  
 Delta R.T. 0.00 min  
 Lab File: VN049521.D  
 Acq: 25 Jun 2018 19:47

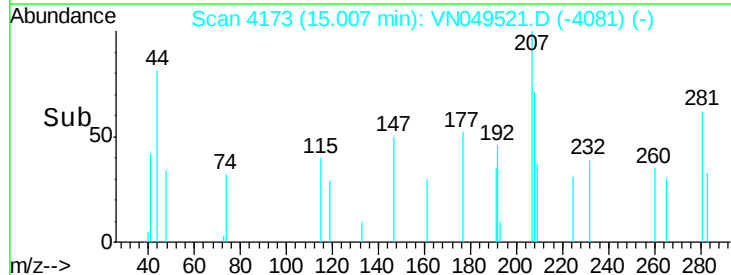
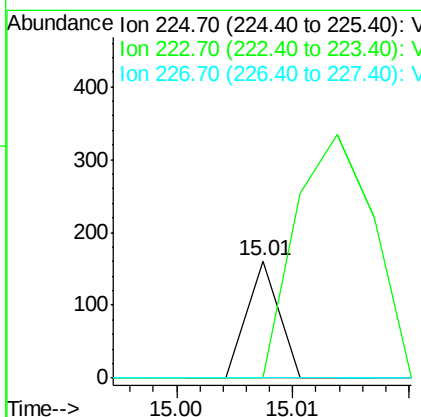
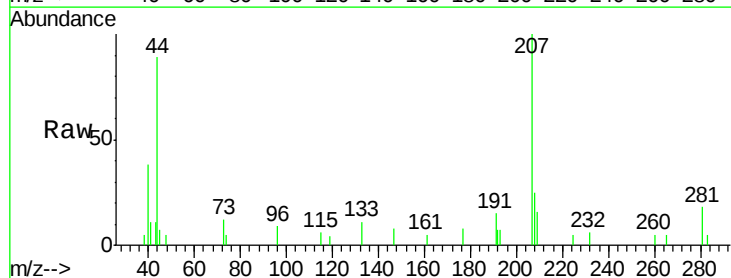
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB110537ZHE#06

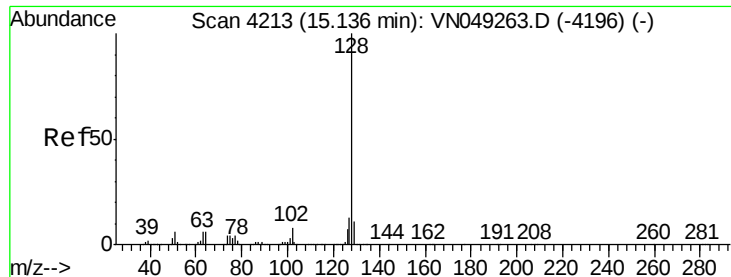
Tot Ion:180 Resp: 996  
 Ion Ratio Lower Upper  
 180 100  
 182 52.3 46.9 140.8  
 145 10.5 14.7 44.1#



#94  
 Hexachlorobutadiene  
 Concen: Below Cal  
 RT: 15.01 min Scan# 4173  
 Delta R.T. -0.01 min  
 Lab File: VN049521.D  
 Acq: 25 Jun 2018 19:47

Tgt Ion:225 Resp: 31  
 Ion Ratio Lower Upper  
 225 100  
 223 503.2 32.1 96.3#  
 227 0.0 31.8 95.3#





#95

Naphthalene

Concen: 2.24 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

Instrument :

MSVOA\_N

ClientSampleId :

PB110537ZHE#06

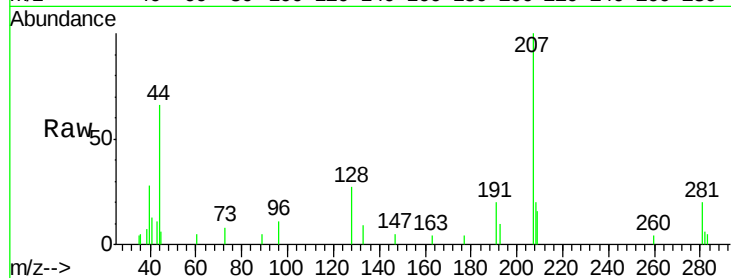
Tot Ion:128 Resp: 1861

Ion Ratio Lower Upper

128 100

127 1.6 10.6 16.0#

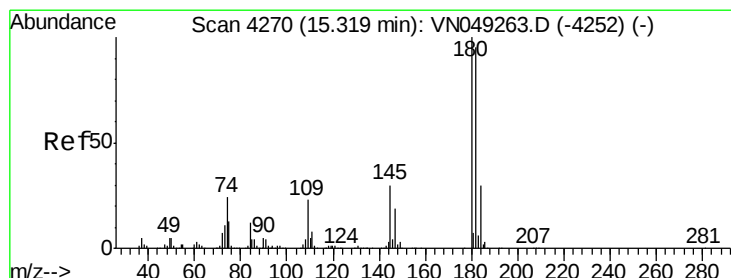
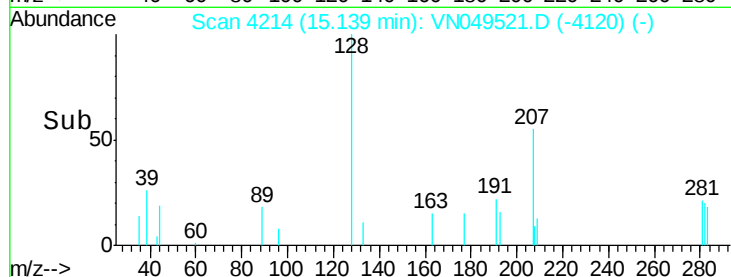
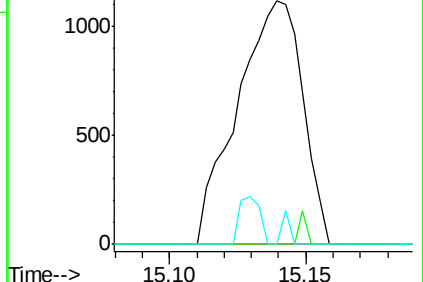
129 1.6 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.59 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049521.D

Acq: 25 Jun 2018 19:47

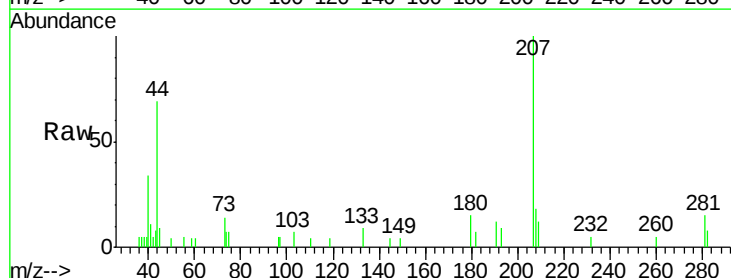
Tgt Ion:180 Resp: 953

Ion Ratio Lower Upper

180 100

182 50.7 47.3 141.8

145 6.5 15.6 46.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

