

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW111218\  
 Data File : VW006827.D  
 Acq On : 13 Nov 2018 01:53  
 Operator : SY/AP  
 Sample : J5908-23  
 Misc : 5.54G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SR-7-S

Quant Time: Nov 13 03:59:46 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W111218S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 12 14:58:58 2018  
 Response via : Initial Calibration

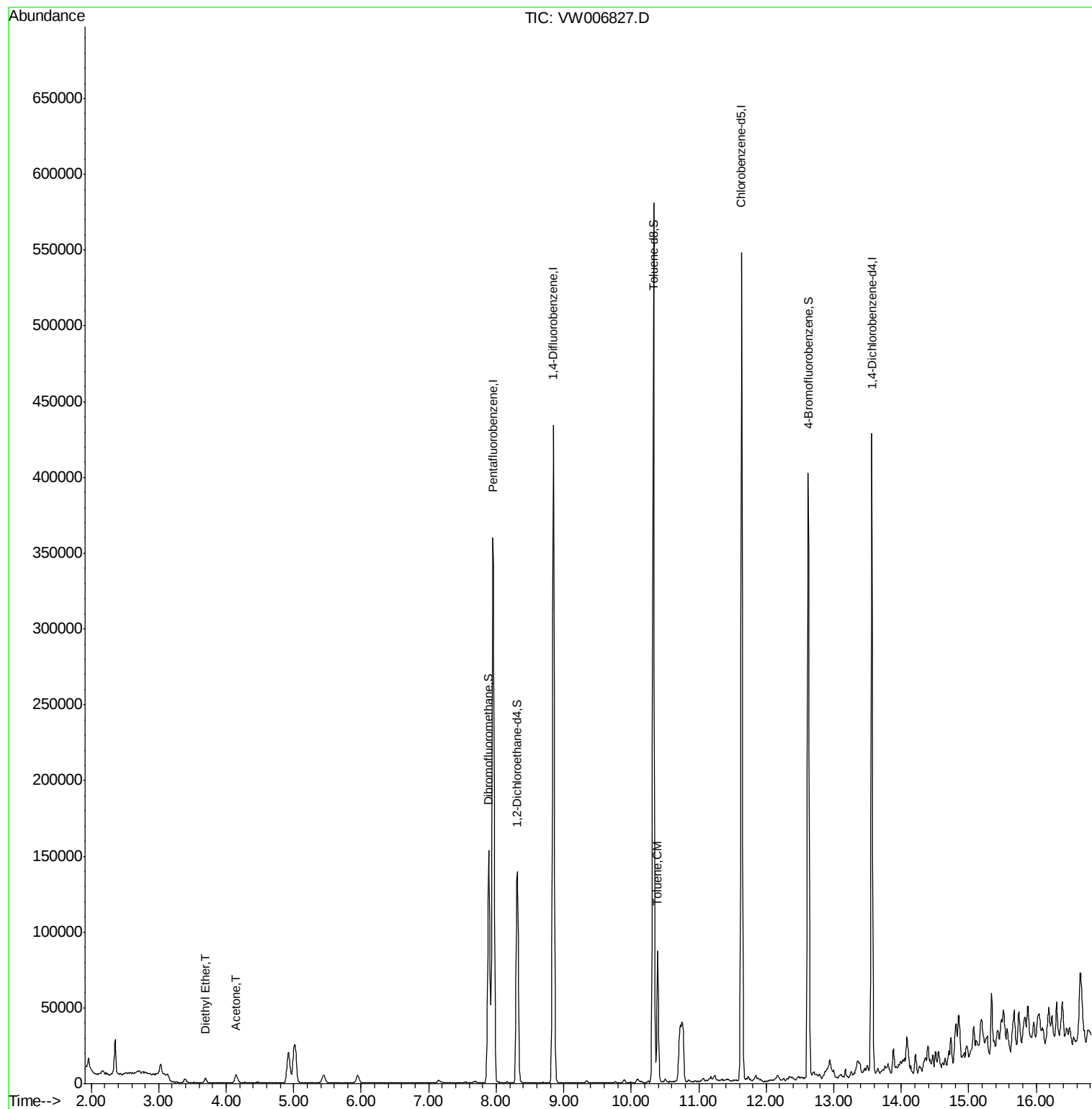
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 303118   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 399310   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 331079   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 124440   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 110749   | 49.98  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.96% |          |
| 35) Dibromofluoromethane    | 7.89  | 113  | 108676   | 45.70  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 91.40% |          |
| 50) Toluene-d8              | 10.33 | 98   | 406722   | 41.27  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 82.54% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 111947   | 30.84  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 61.68% |          |
| Target Compounds            |       |      |          |        |        |          |
| 8) Diethyl Ether            | 3.69  | 74   | 1565     | 1.334  | ug/l   | 91       |
| 16) Acetone                 | 4.15  | 43   | 10670    | 33.529 | ug/l   | 96       |
| 52) Toluene                 | 10.39 | 92   | 37878    | 5.142  | ug/l   | 100      |

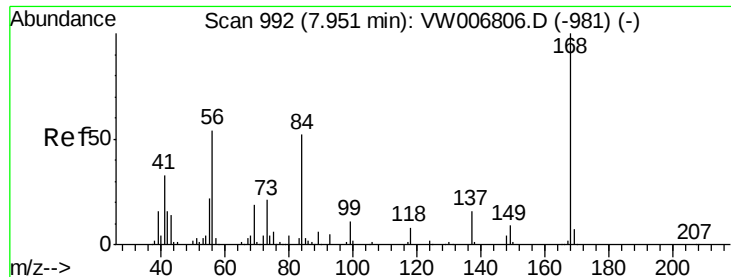
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW111218\  
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QLast Update : Mon Nov 12 14:58:58 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006827.D

Acq: 13 Nov 2018 01:53

Instrument :

MSVOA\_W

ClientSampleId :

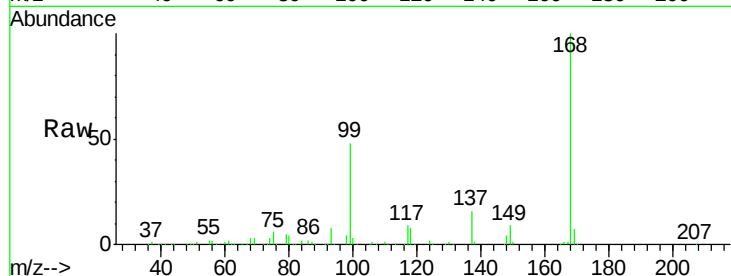
SR-7-S

Tgt Ion: 168 Resp: 303118

Ion Ratio Lower Upper

168 100

99 47.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

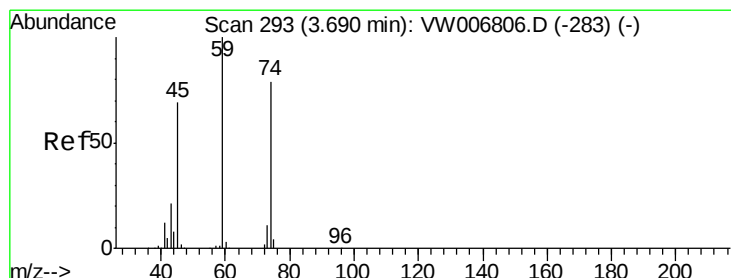
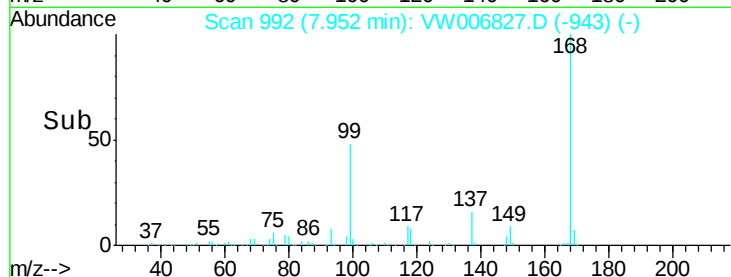
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.334 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.00 min

Lab File: VW006827.D

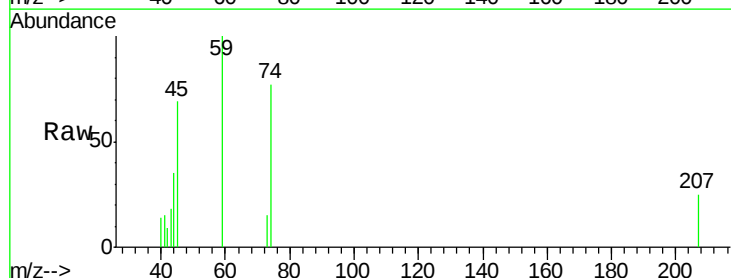
Acq: 13 Nov 2018 01:53

Tgt Ion: 74 Resp: 1565

Ion Ratio Lower Upper

74 100

45 94.2 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

800

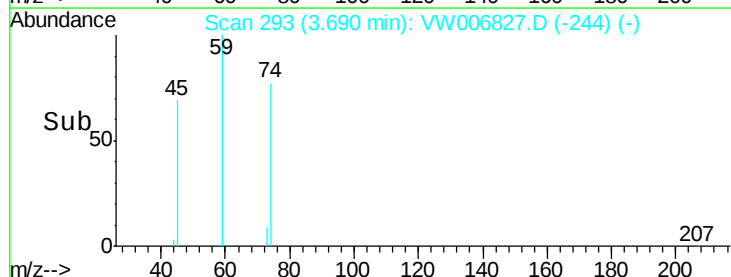
600

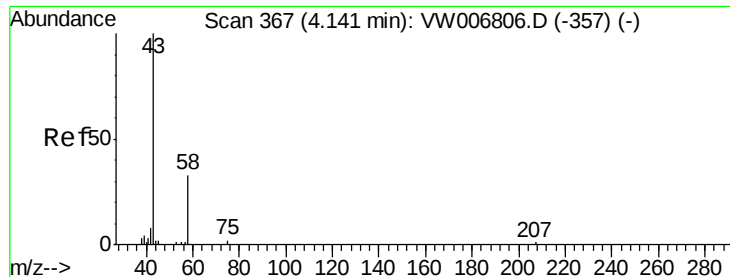
400

200

0

Time-->





#16

Acetone

Concen: 33.529 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006827.D

Acq: 13 Nov 2018 01:53

Instrument :

MSVOA\_W

ClientSampleId :

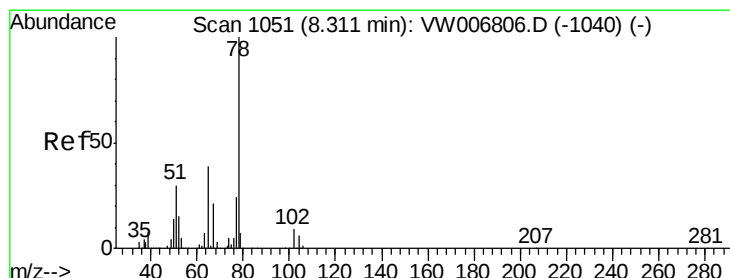
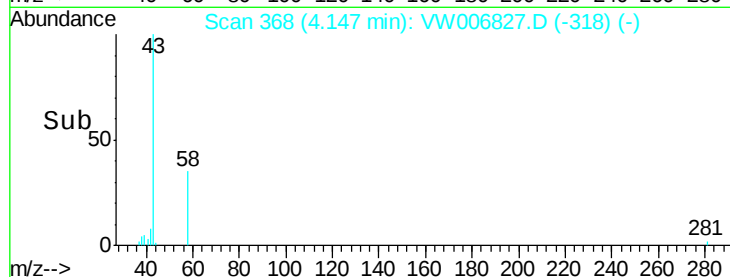
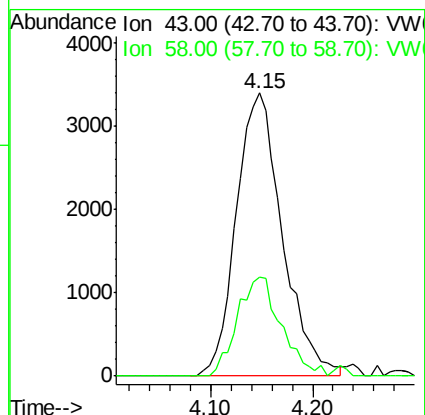
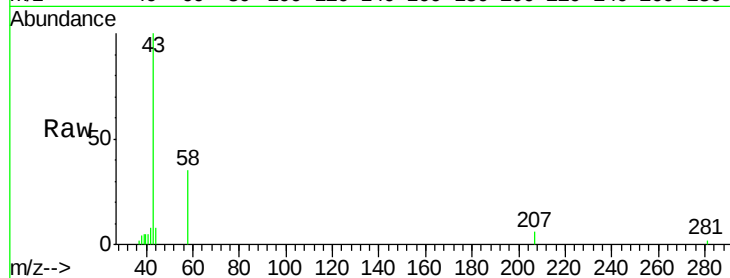
SR-7-S

Tgt Ion: 43 Resp: 10670

Ion Ratio Lower Upper

43 100

58 35.2 26.5 39.7



#33

1,2-Dichloroethane-d4

Concen: 49.980 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006827.D

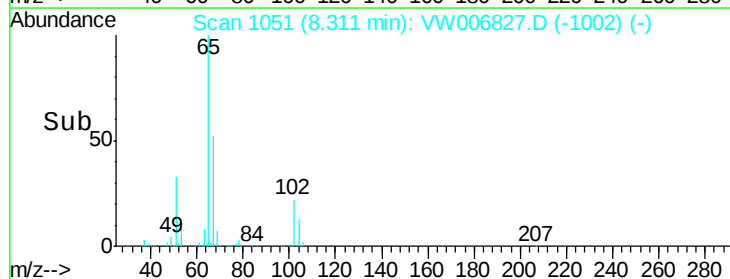
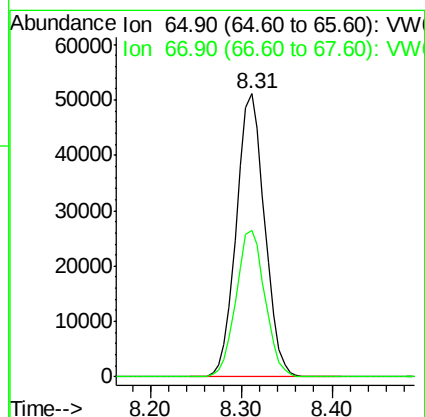
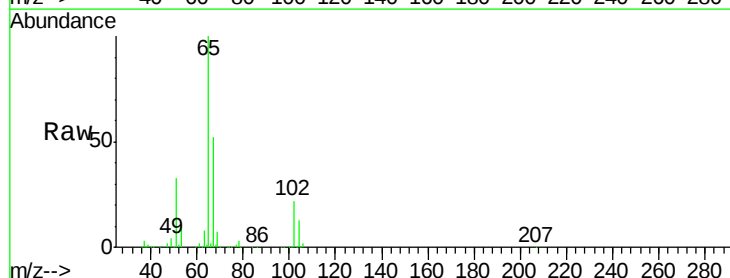
Acq: 13 Nov 2018 01:53

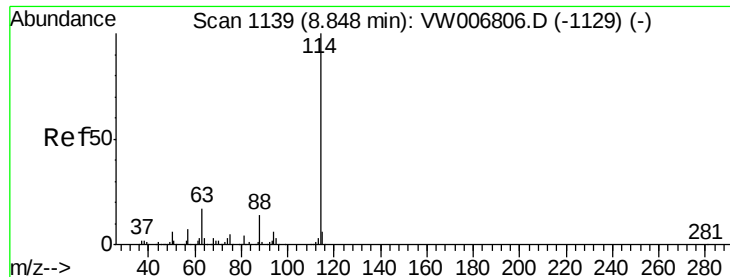
Tgt Ion: 65 Resp: 110749

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.4

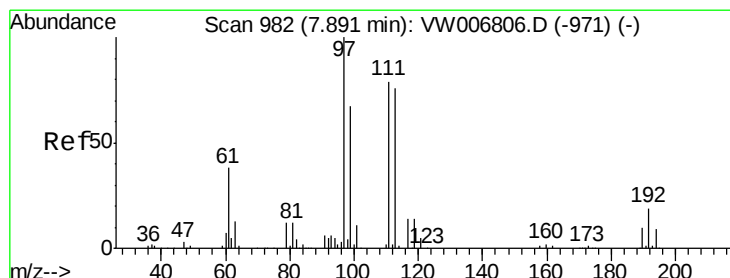
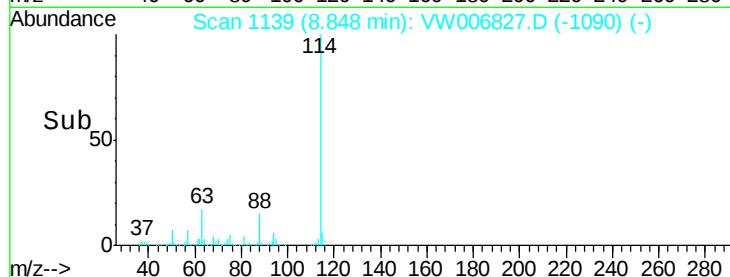
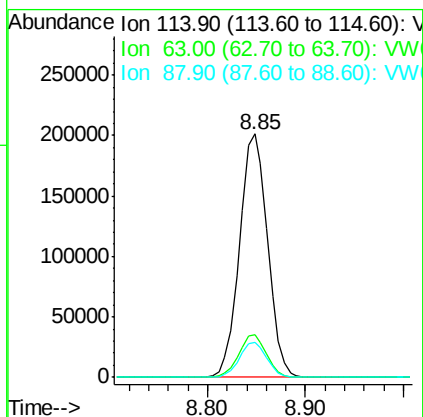
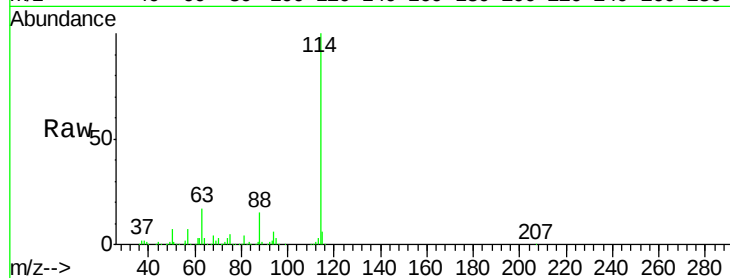




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: VW006827.D  
 Acq: 13 Nov 2018 01:53

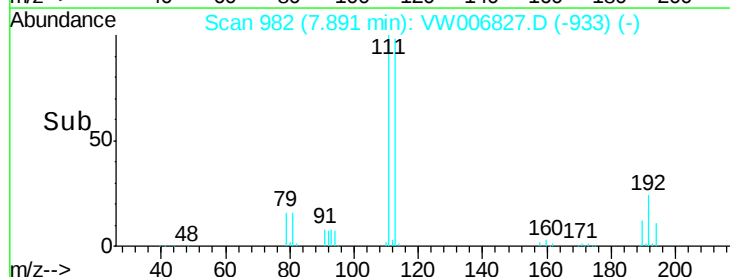
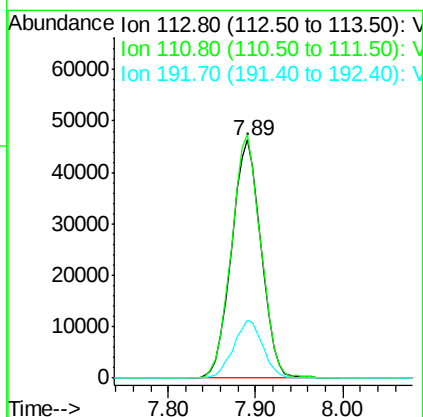
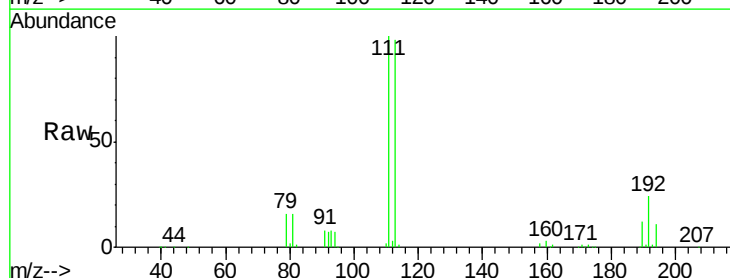
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SR-7-S

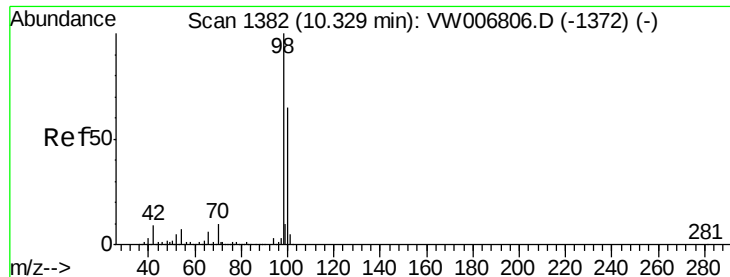
Tgt Ion:114 Resp: 399310  
 Ion Ratio Lower Upper  
 114 100  
 63 17.3 0.0 33.6  
 88 14.6 0.0 28.4



#35  
 Dibromofluoromethane  
 Concen: 45.705 ug/l  
 RT: 7.89 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: VW006827.D  
 Acq: 13 Nov 2018 01:53

Tgt Ion:113 Resp: 108676  
 Ion Ratio Lower Upper  
 113 100  
 111 101.6 81.0 121.6  
 192 24.1 19.0 28.6





#50

Toluene-d8

Concen: 41.268 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006827.D

Acq: 13 Nov 2018 01:53

Instrument :

MSVOA\_W

ClientSampleId :

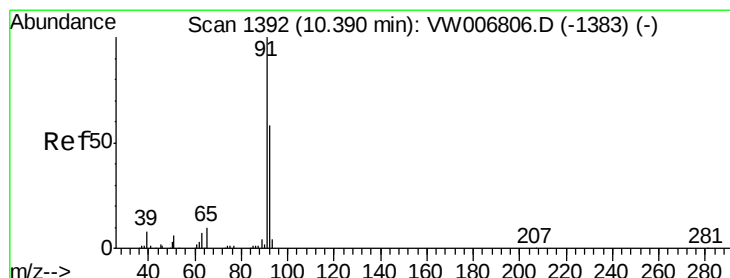
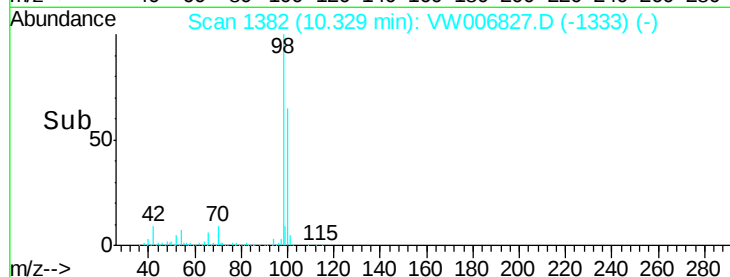
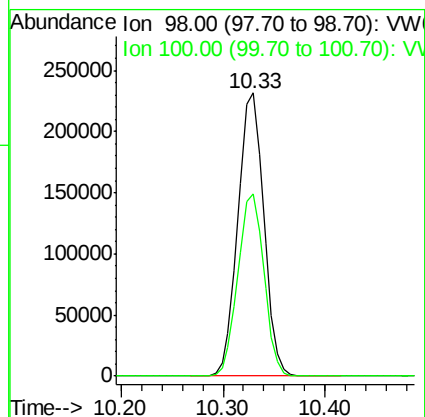
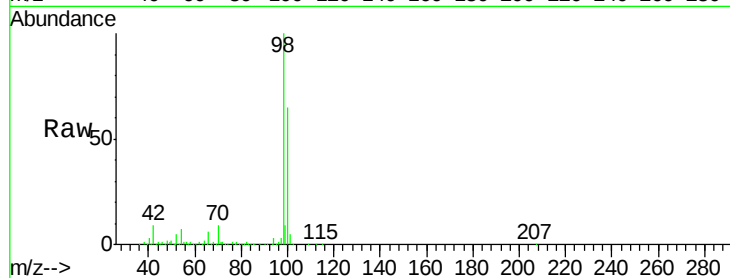
SR-7-S

Tgt Ion: 98 Resp: 406722

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.2



#52

Toluene

Concen: 5.142 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006827.D

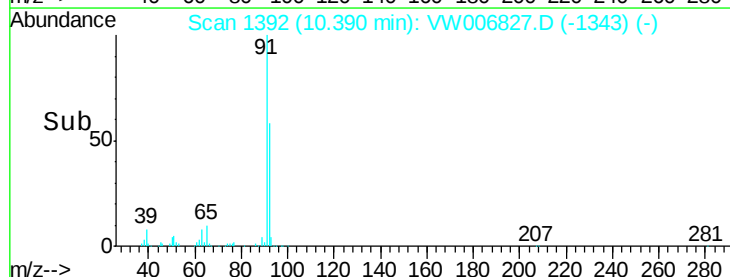
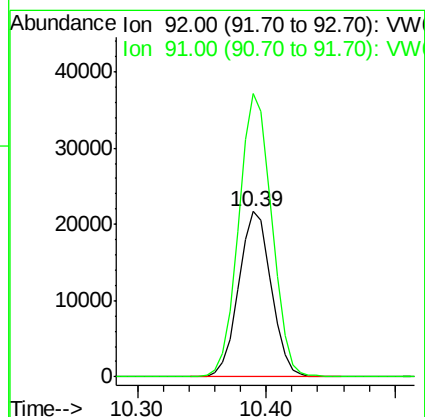
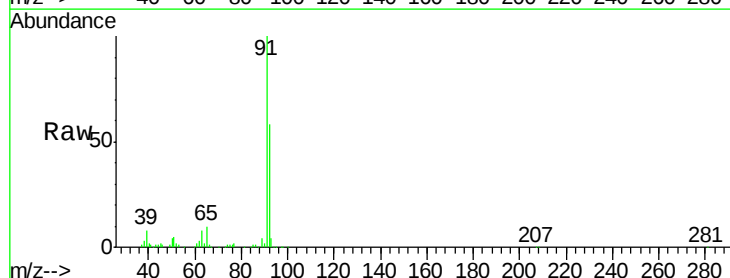
Acq: 13 Nov 2018 01:53

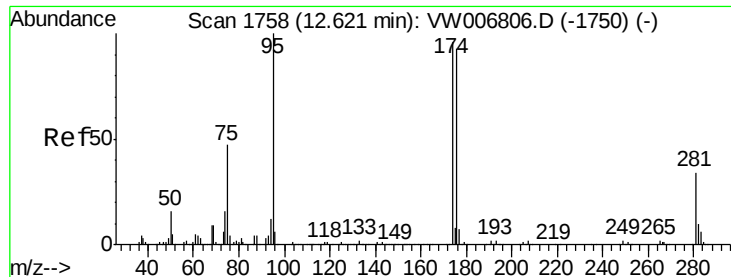
Tgt Ion: 92 Resp: 37878

Ion Ratio Lower Upper

92 100

91 173.9 139.4 209.2





#62

4-Bromofluorobenzene

Concen: 30.840 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006827.D

Acq: 13 Nov 2018 01:53

Instrument :

MSVOA\_W

ClientSampleId :

SR-7-S

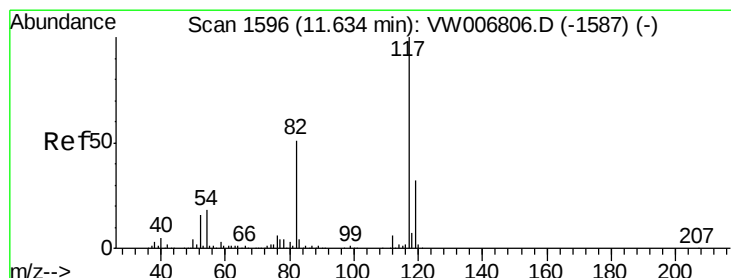
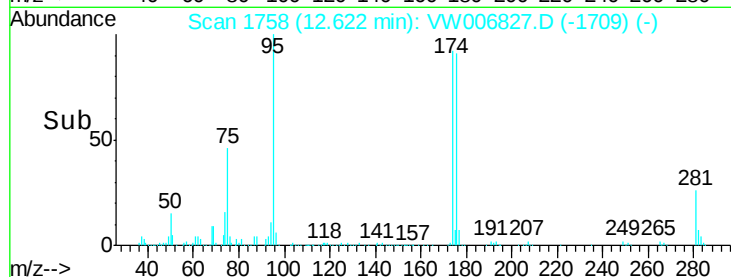
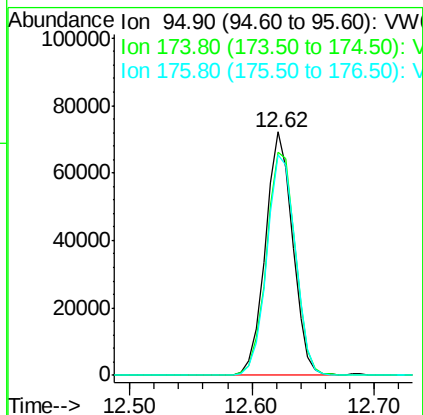
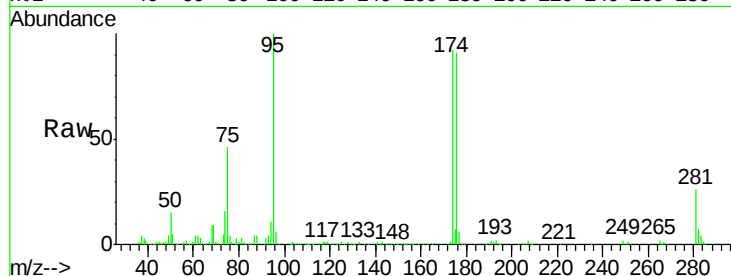
Tgt Ion: 95 Resp: 111947

Ion Ratio Lower Upper

95 100

174 96.7 0.0 196.6

176 94.5 0.0 191.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006827.D

Acq: 13 Nov 2018 01:53

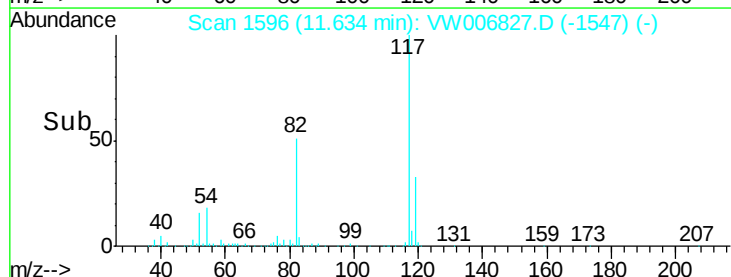
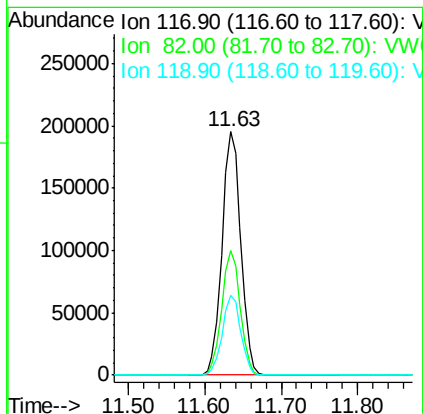
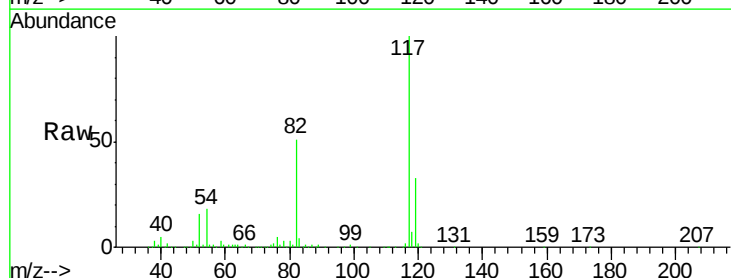
Tgt Ion: 117 Resp: 331079

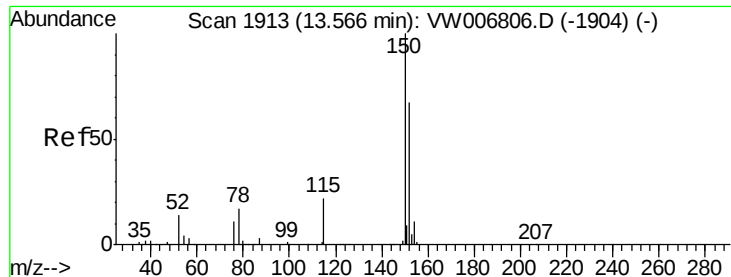
Ion Ratio Lower Upper

117 100

82 51.2 40.6 61.0

119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006827.D

Acq: 13 Nov 2018 01:53

Instrument :

MSVOA\_W

ClientSampleId :

SR-7-S

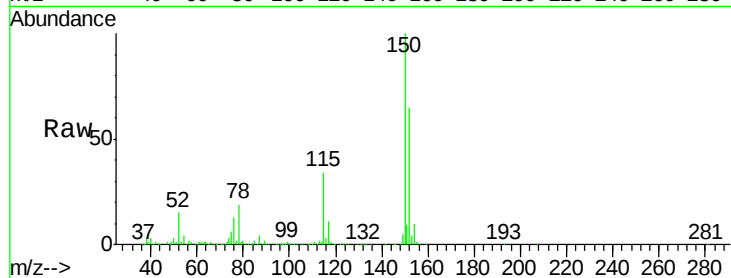
Tgt Ion:152 Resp: 124440

Ion Ratio Lower Upper

152 100

115 54.0 27.3 81.8

150 155.9 0.0 353.0



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

