

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110618\
 Data File : VU027983.D
 Acq On : 06 Nov 2018 13:41
 Operator : MD/SY
 Sample : J5822-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8

Quant Time: Nov 06 14:01:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

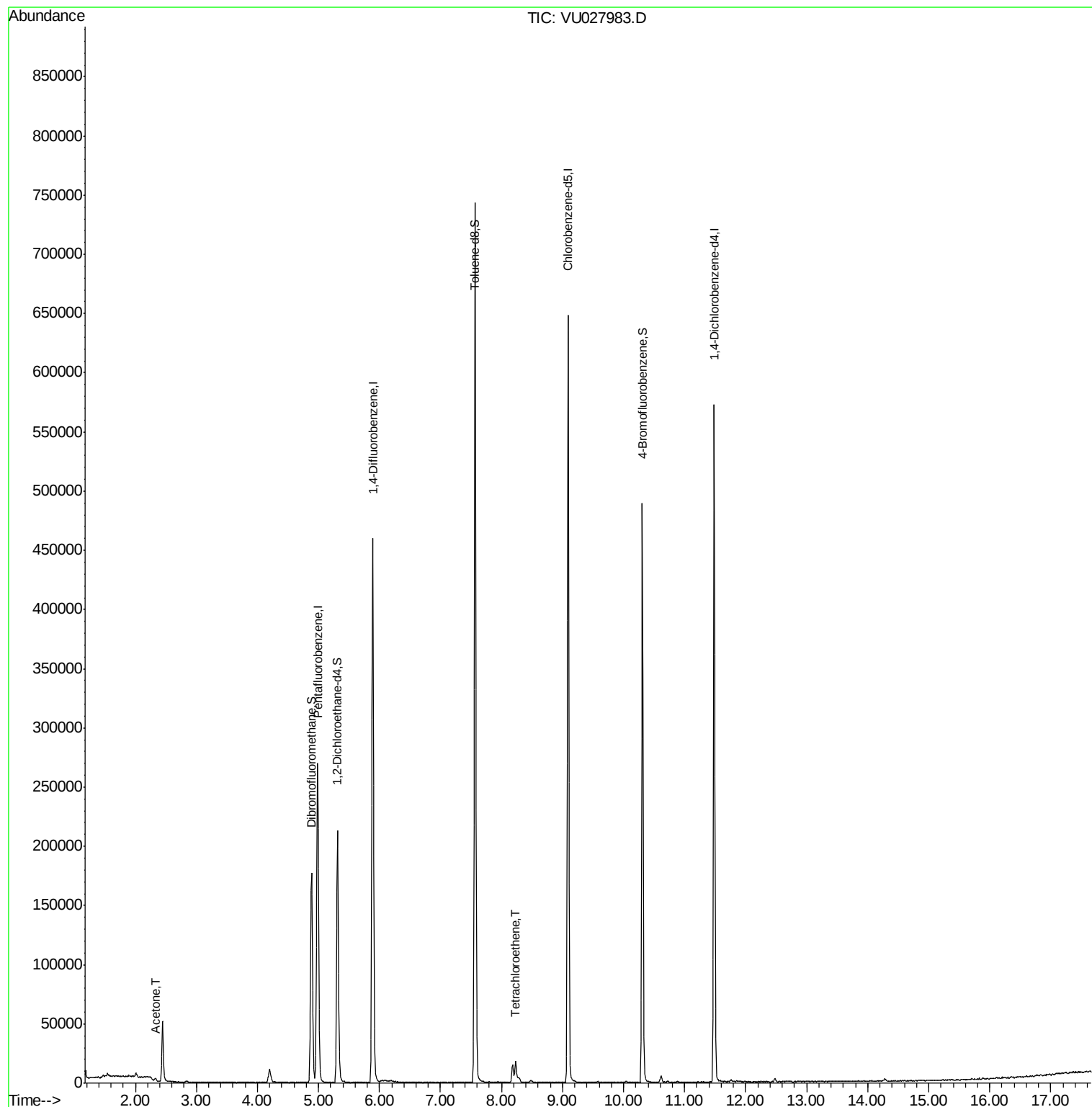
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	204650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	375312	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	338763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	141640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	165928	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
35) Dibromofluoromethane	4.89	113	124669	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
50) Toluene-d8	7.57	98	483837	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
62) 4-Bromofluorobenzene	10.31	95	163429	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
Target Compounds						
16) Acetone	2.33	43	2648	1.403	ug/l	91
64) Tetrachloroethene	8.23	164	3115	1.418	ug/l	95

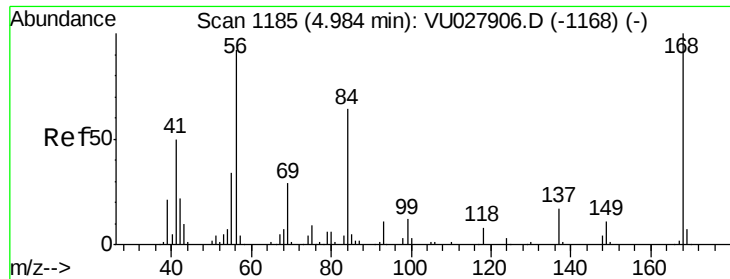
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027983.D

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Instrument :

MSVOA_U

ClientSampleId :

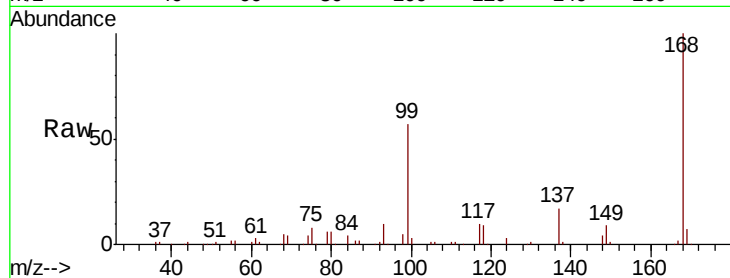
MW-8

Tot Ion:168 Resp: 204650

Ion Ratio Lower Upper

168 100

99 57.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027983.D (-1092) (-)

4.99

80000

60000

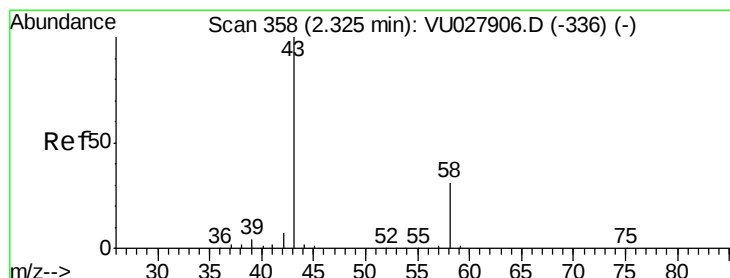
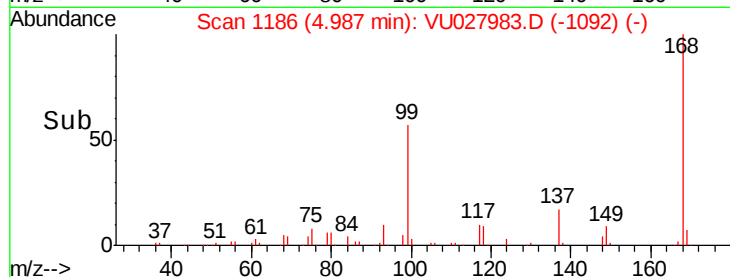
40000

20000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 1.403 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.00 min

Lab File: VU027983.D

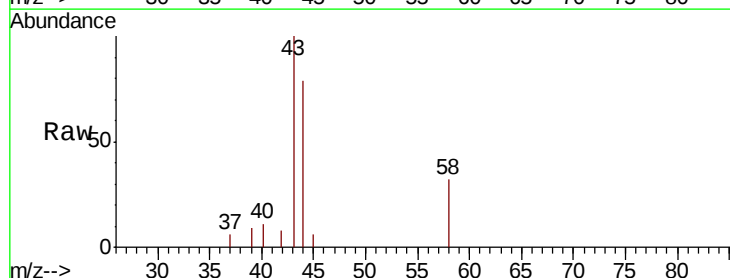
Acq: 06 Nov 2018 13:41

Tgt Ion: 43 Resp: 2648

Ion Ratio Lower Upper

43 100

58 35.5 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU027983.D (-265) (-)

2.33

2000

1500

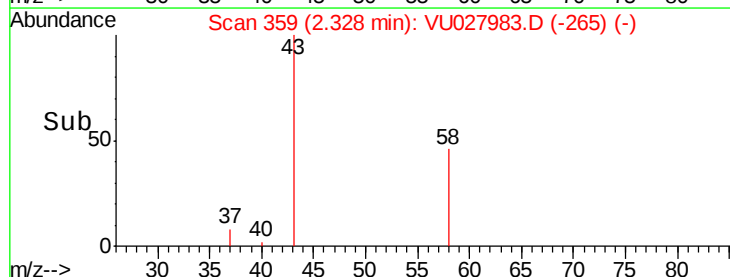
1000

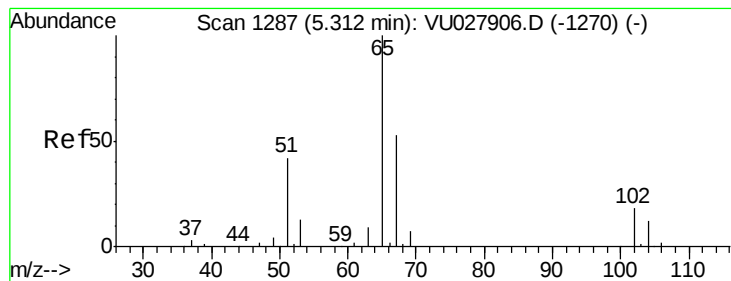
500

0

2.30 2.35

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.534 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027983.D

Acq: 06 Nov 2018 13:41

Instrument :

MSVOA_U

ClientSampleId :

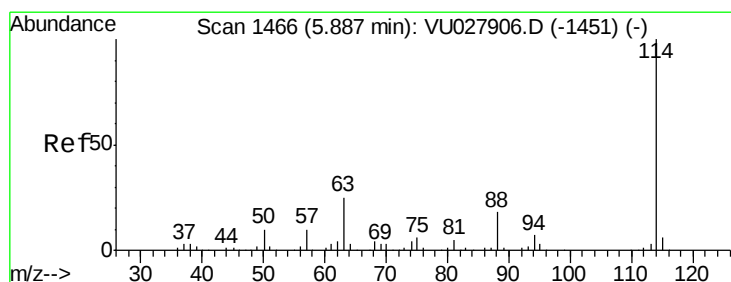
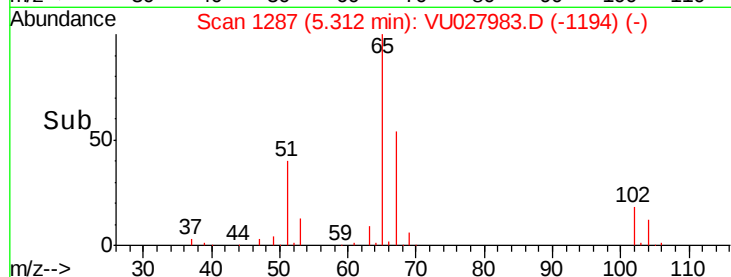
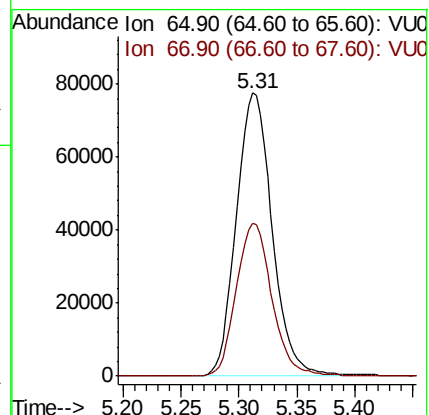
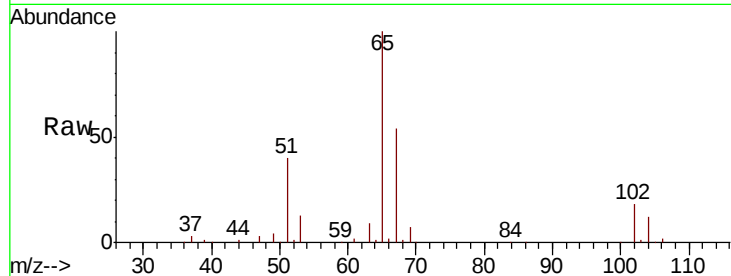
MW-8

Tot Ion: 65 Resp: 165928

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027983.D

Acq: 06 Nov 2018 13:41

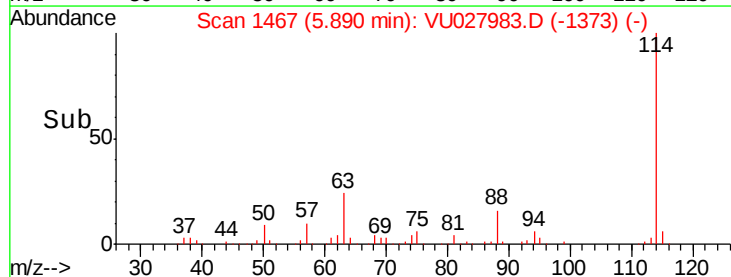
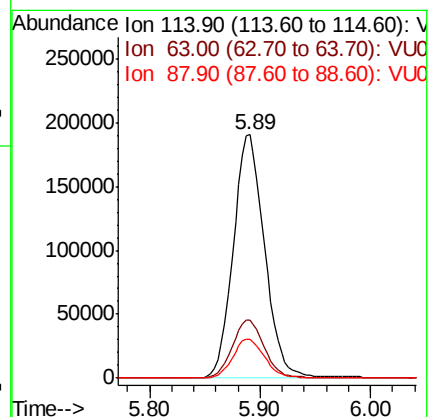
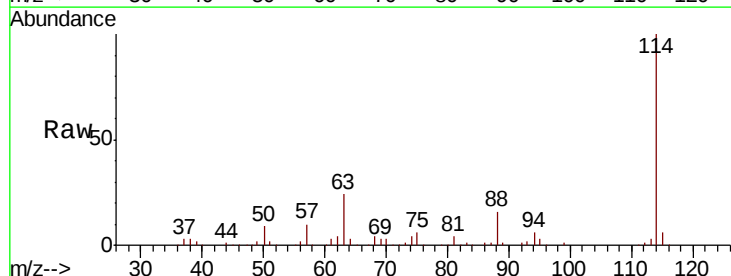
Tgt Ion: 114 Resp: 375312

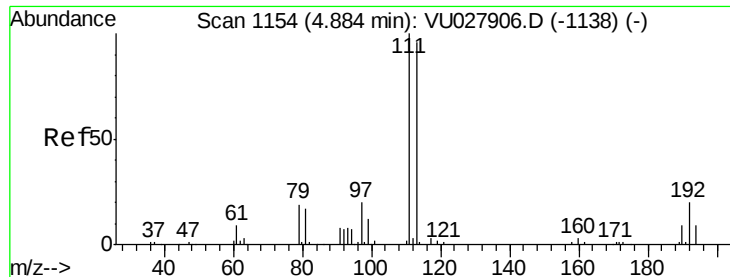
Ion Ratio Lower Upper

114 100

63 23.7 0.0 50.8

88 15.9 0.0 35.8

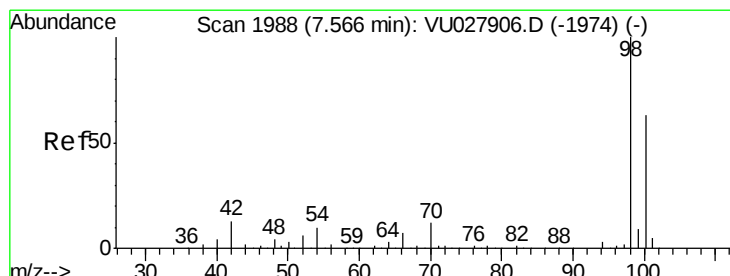
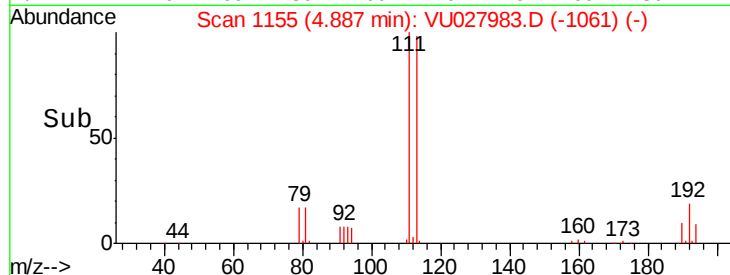
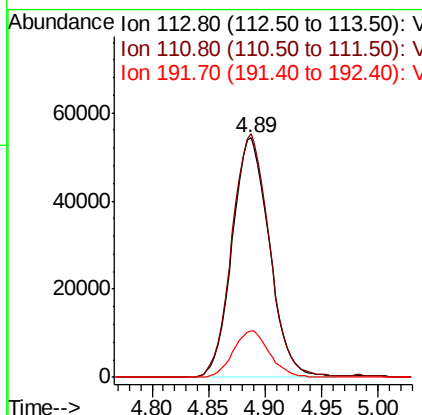
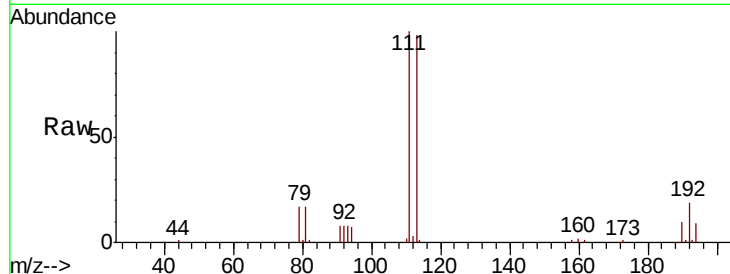




#35
 Dibromofluoromethane
 Concen: 52.683 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027983.D
 Acq: 06 Nov 2018 13:41

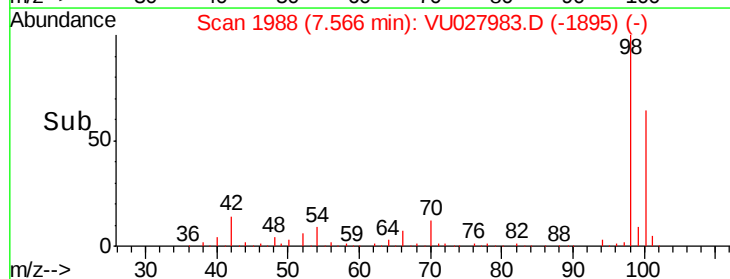
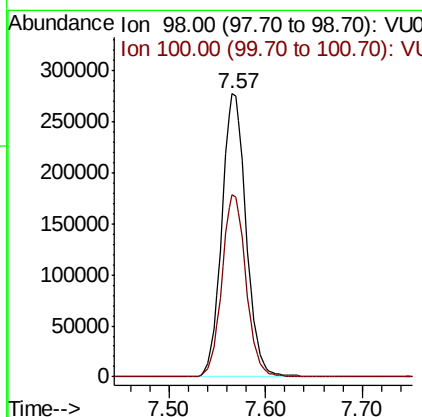
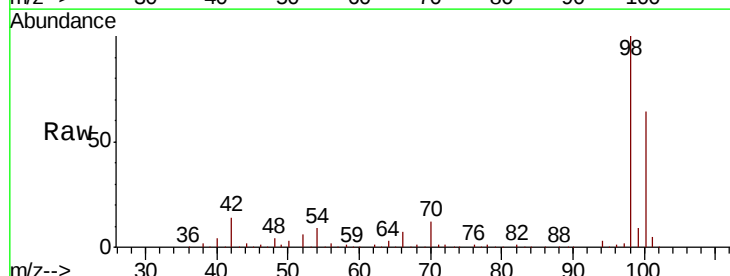
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8

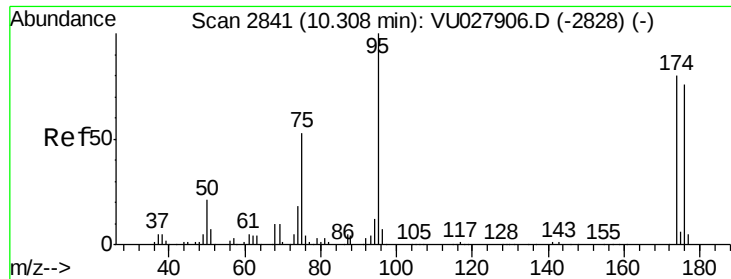
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.6
192	18.9	15.6	23.4



#50
 Toluene-d8
 Concen: 52.929 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VU027983.D
 Acq: 06 Nov 2018 13:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.1	75.1





#62

4-Bromofluorobenzene

Concen: 48.471 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027983.D

Acq: 06 Nov 2018 13:41

Instrument :

MSVOA_U

ClientSampleId :

MW-8

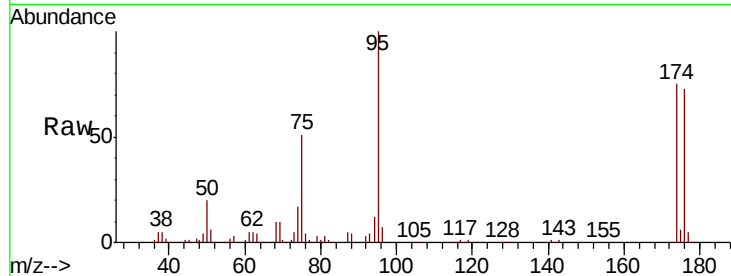
Tot Ion: 95 Resp: 163429

Ion Ratio Lower Upper

95 100

174 77.0 0.0 156.4

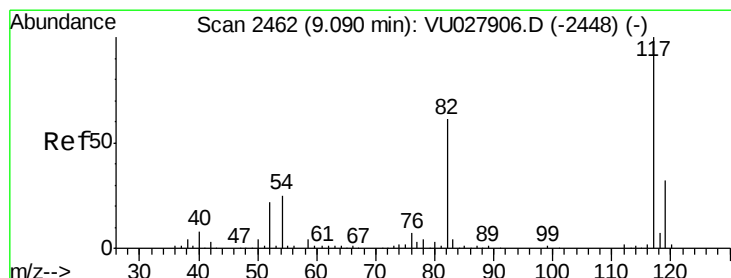
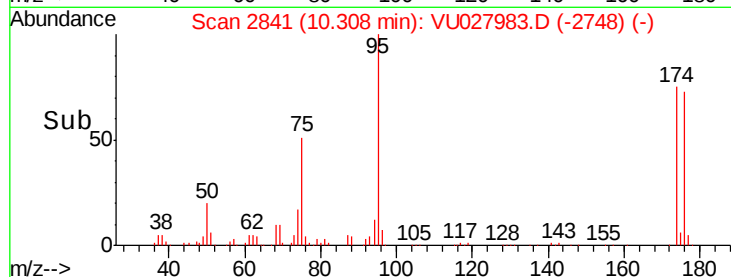
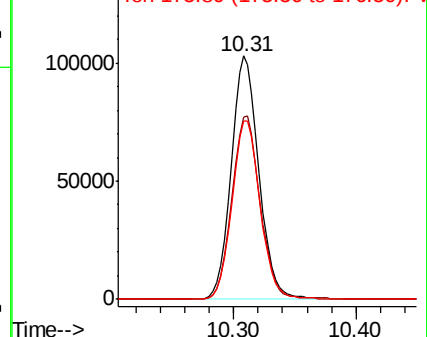
176 74.7 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU027983.D

Acq: 06 Nov 2018 13:41

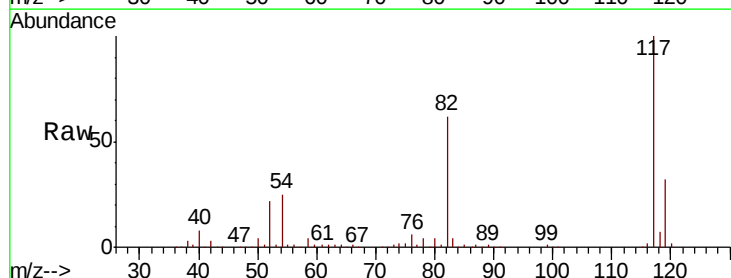
Tgt Ion: 117 Resp: 338763

Ion Ratio Lower Upper

117 100

82 61.8 48.6 73.0

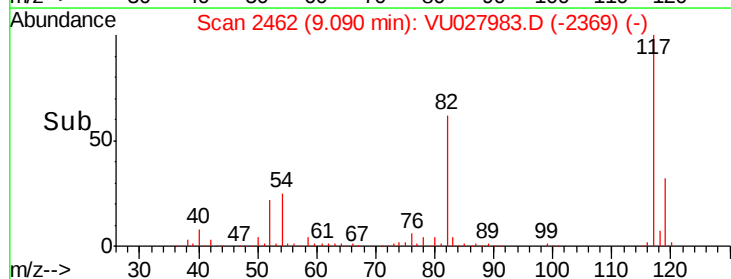
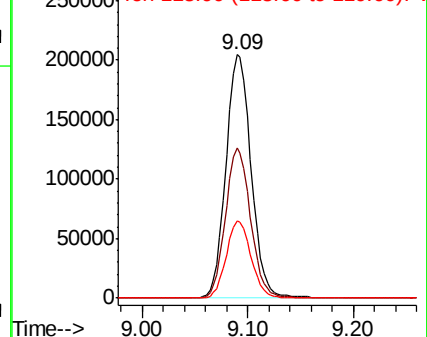
119 31.5 25.8 38.8

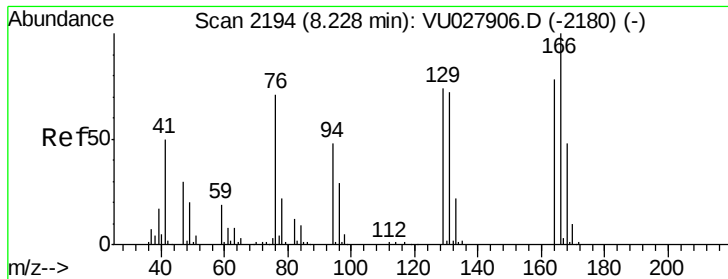


Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU027906.D (-2448) (-)





#64

Tetrachloroethene

Concen: 1.418 ug/l

RT: 8.23 min Scan# 2196

Delta R.T. 0.01 min

Lab File: VU027983.D

Acq: 06 Nov 2018 13:41

Instrument :

MSVOA_U

ClientSampleId :

MW-8

Tot Ion:164 Resp: 3115

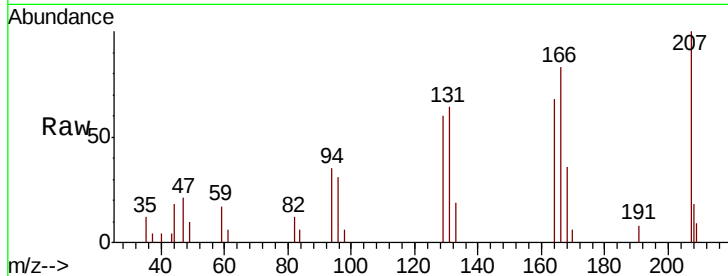
Ion Ratio Lower Upper

164 100

166 122.2 102.1 153.1

129 87.2 75.9 113.9

131 93.7 73.0 109.6

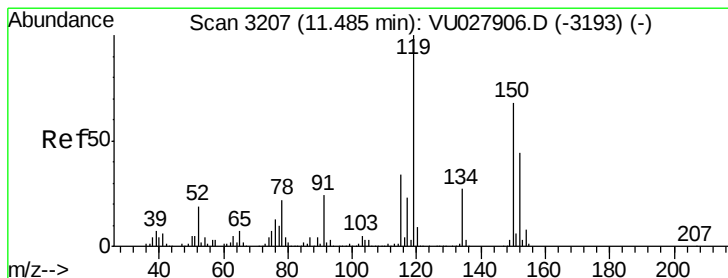
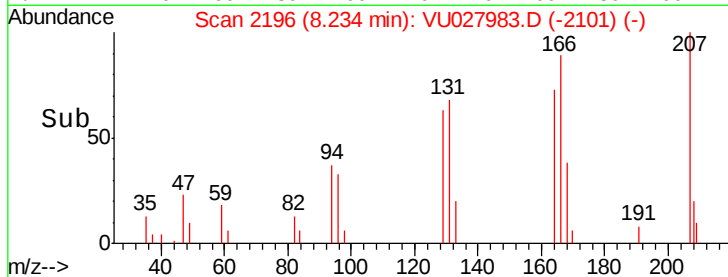
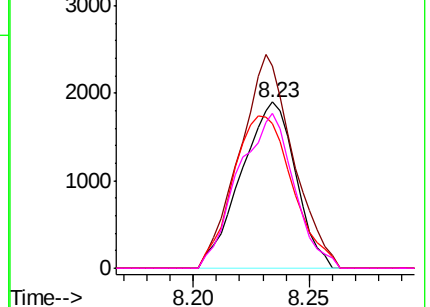


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027983.D

Acq: 06 Nov 2018 13:41

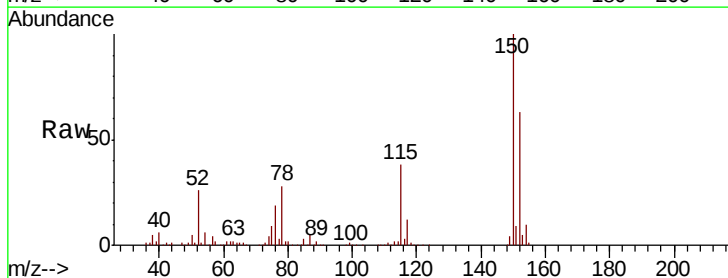
Tgt Ion:152 Resp: 141640

Ion Ratio Lower Upper

152 100

115 60.5 43.0 129.0

150 155.2 0.0 349.4



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

