

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011825.D
 Acq On : 09 Aug 2019 21:43
 Operator : SY/VA
 Sample : K4227-09
 Misc : 5.55G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-K-(1)

Quant Time: Aug 11 01:51:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

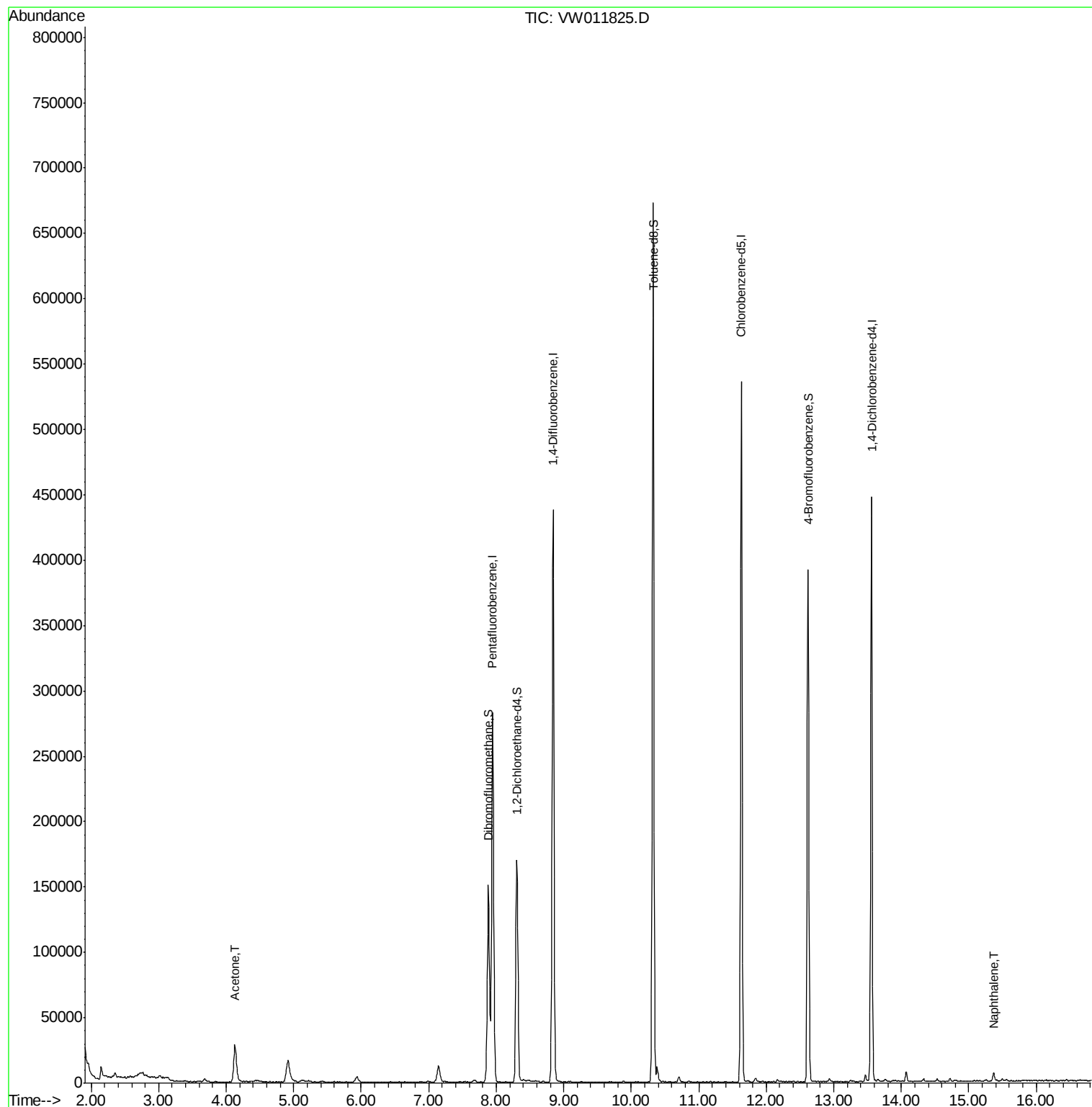
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	199820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135498	59.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.10%	
35) Dibromofluoromethane	7.88	113	103921	55.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.52%	
50) Toluene-d8	10.32	98	413014	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.62	95	128320	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
Target Compounds						
16) Acetone	4.13	43	55788	76.435	ug/l	Qvalue 100
95) Naphthalene	15.37	128	4895	3.139	ug/l	98

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011825.D

Acq: 09 Aug 2019 21:43

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MSVOA_W

ClientSampleId :

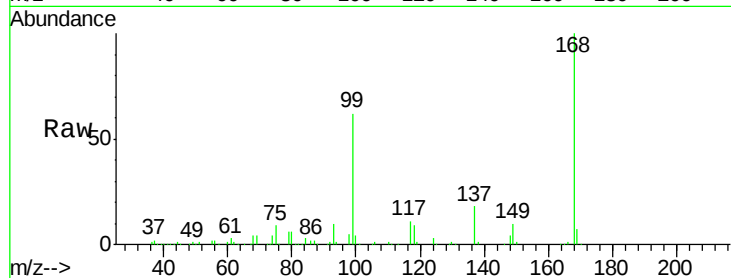
1S-K-(1)

Tot Ion:168 Resp: 199820

Ion Ratio Lower Upper

168 100

99 61.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

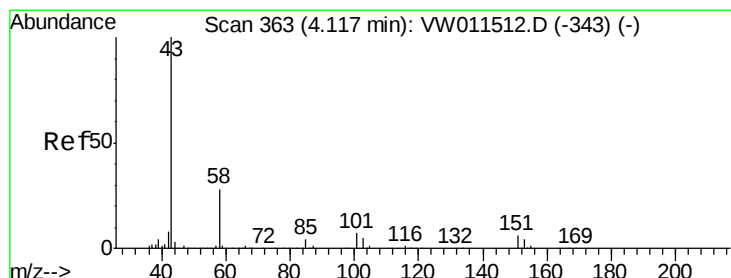
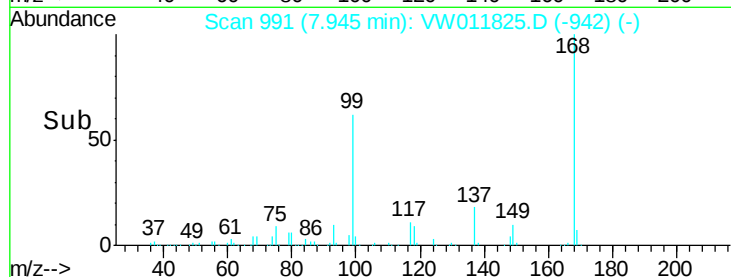
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 76.435 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011825.D

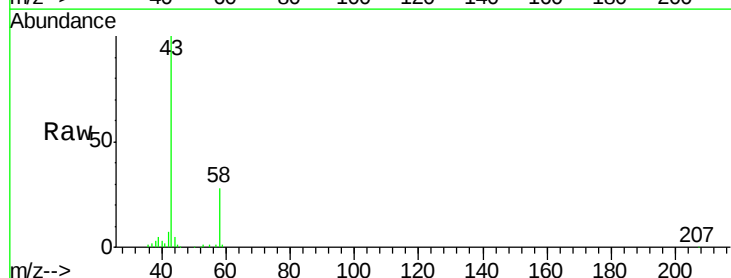
Acq: 09 Aug 2019 21:43

Tgt Ion: 43 Resp: 55788

Ion Ratio Lower Upper

43 100

58 27.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

20000

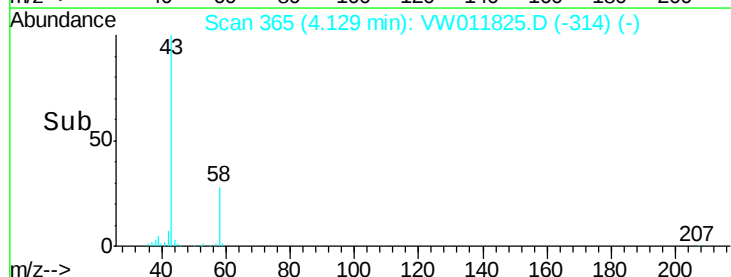
15000

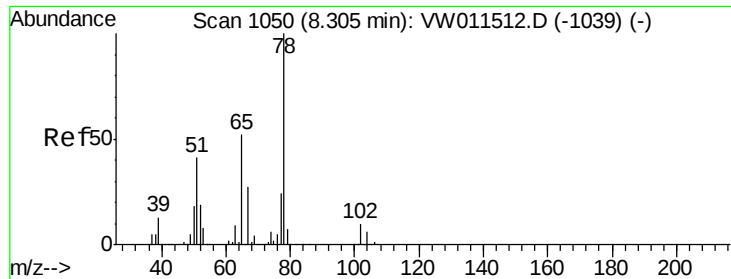
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

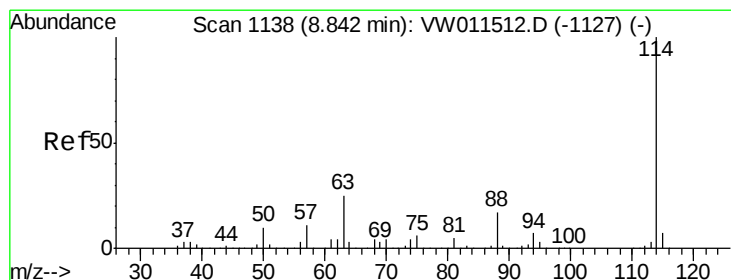
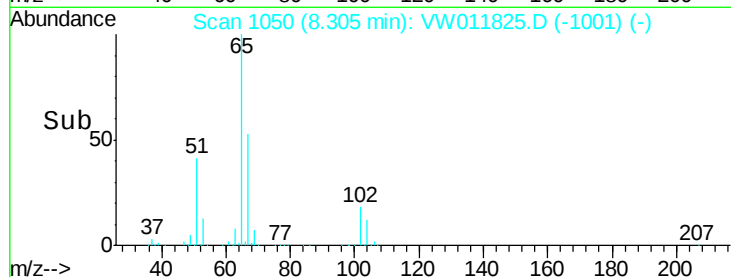
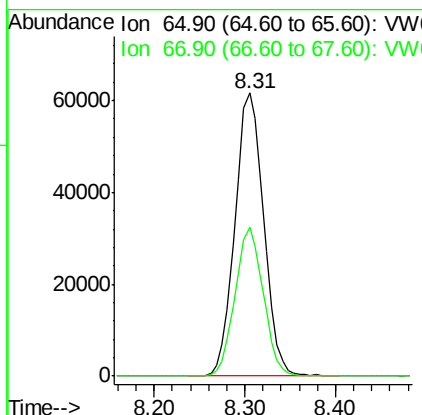
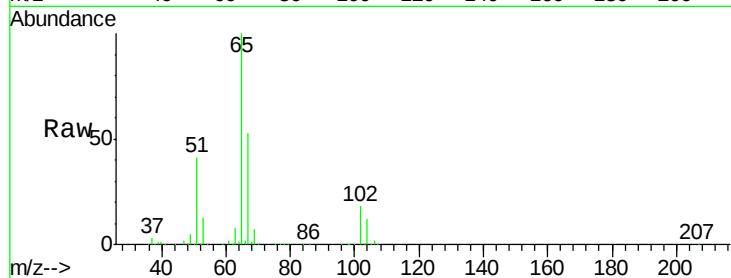




#33
 1,2-Dichloroethane-d4
 Concen: 59.054 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011825.D
 Acq: 09 Aug 2019 21:43

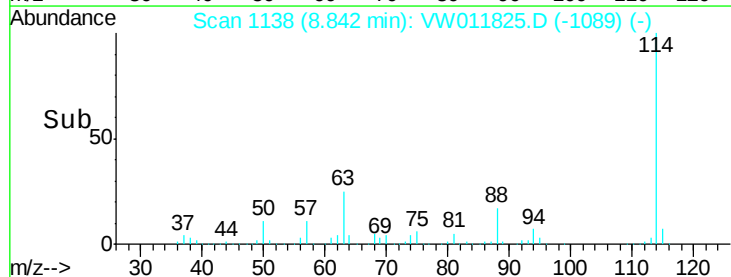
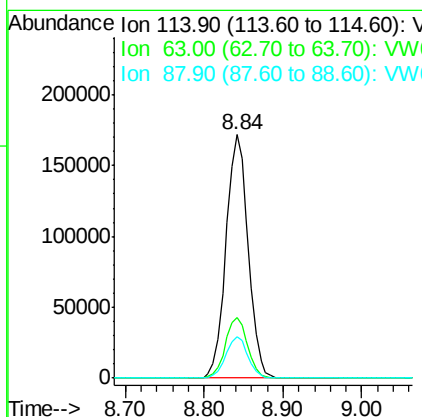
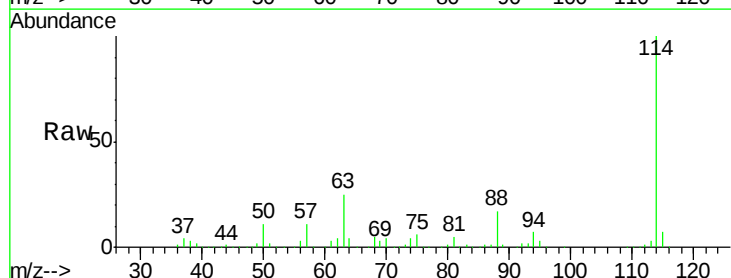
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-K-(1)

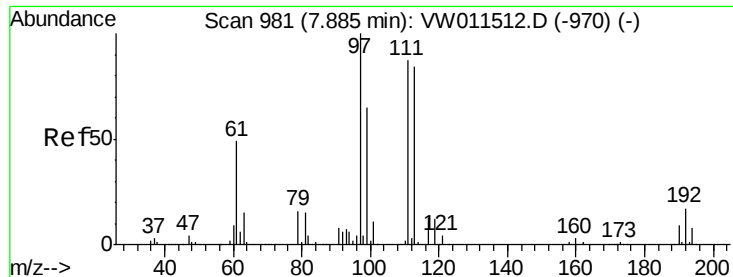
Tot Ion: 65 Resp: 135498
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011825.D
 Acq: 09 Aug 2019 21:43

Tgt Ion: 114 Resp: 335198
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 16.8 0.0 33.8

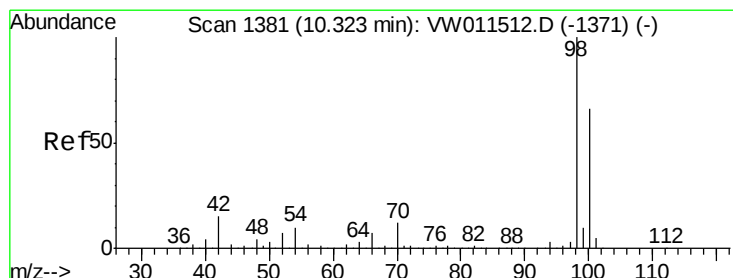
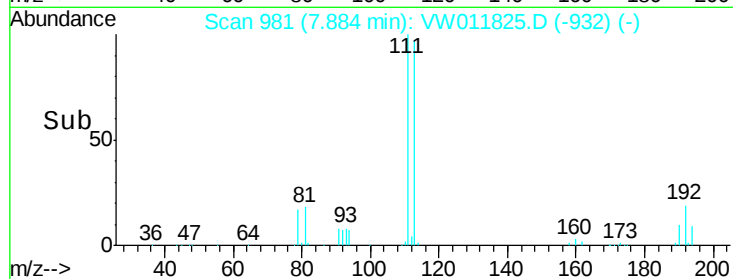
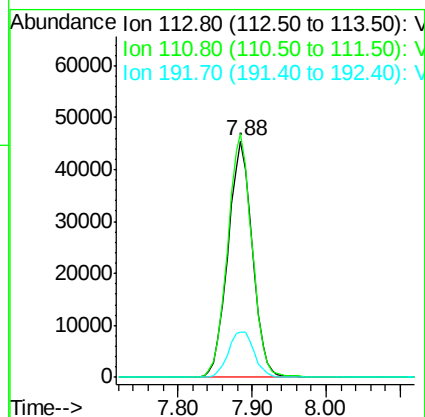
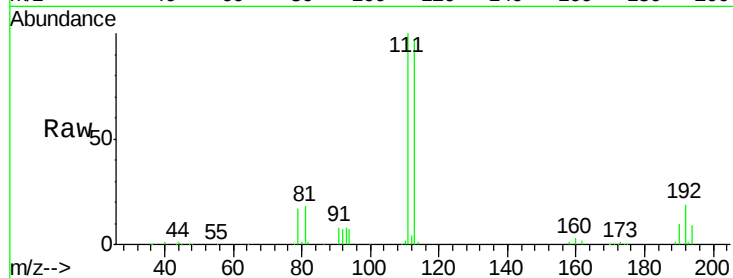




#35
 Dibromofluoromethane
 Concen: 55.262 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011825.D
 Acq: 09 Aug 2019 21:43

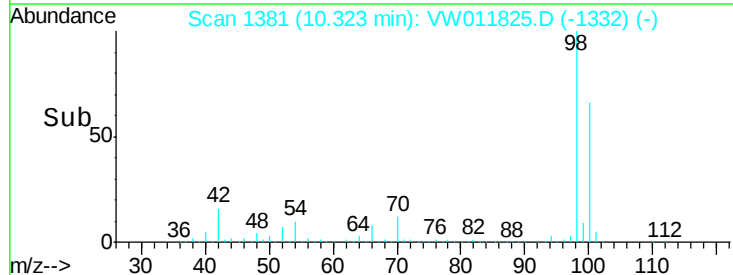
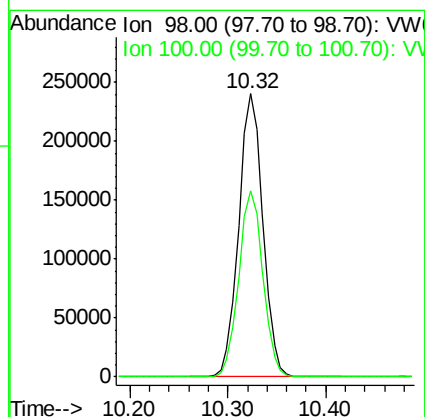
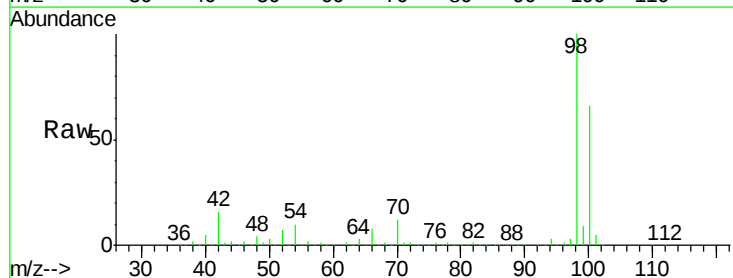
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-K-(1)

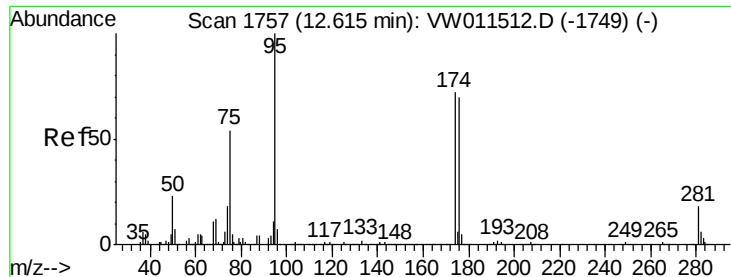
Tot Ion:113 Resp: 103921
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.7 124.1
 192 20.4 16.1 24.1



#50
 Toluene-d8
 Concen: 53.642 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011825.D
 Acq: 09 Aug 2019 21:43

Tgt Ion: 98 Resp: 413014
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 46.747 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011825.D

Acq: 09 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

1S-K-(1)

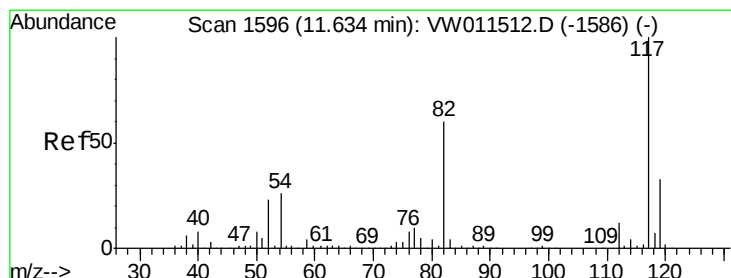
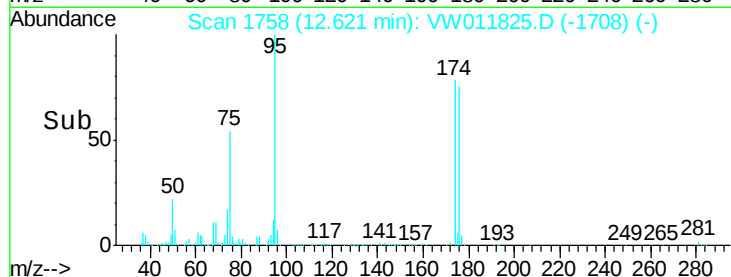
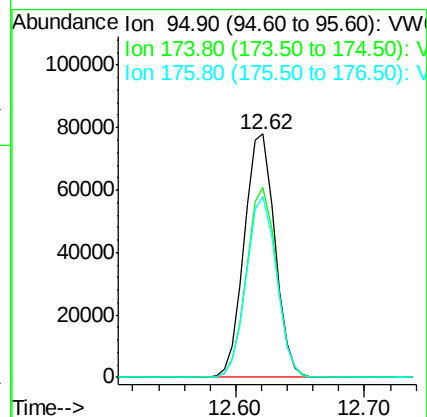
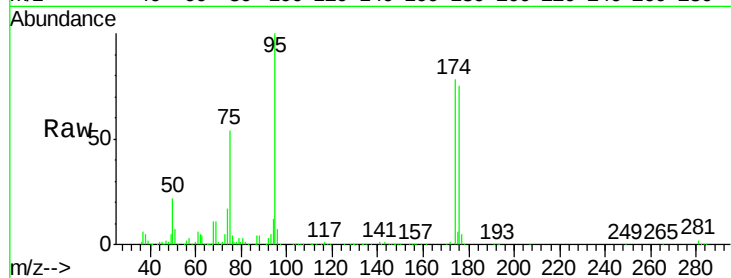
Tot Ion: 95 Resp: 128320

Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.2

176 73.3 0.0 144.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW011825.D

Acq: 09 Aug 2019 21:43

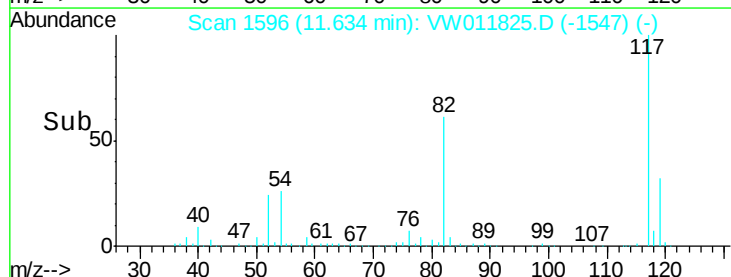
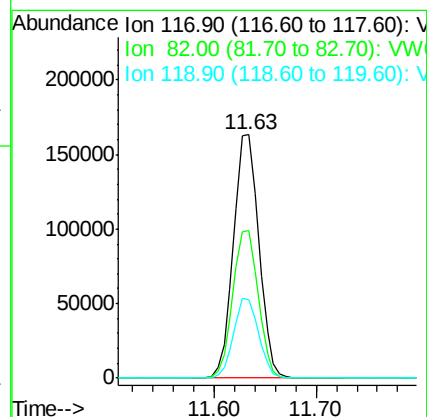
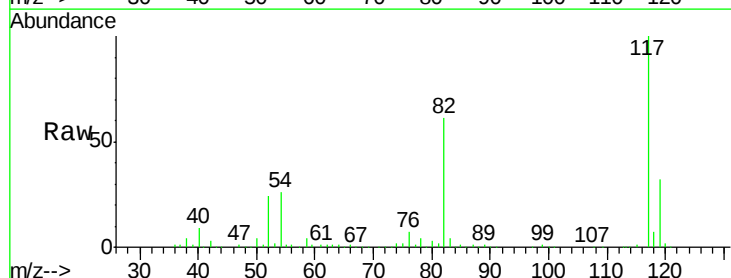
Tgt Ion: 117 Resp: 280690

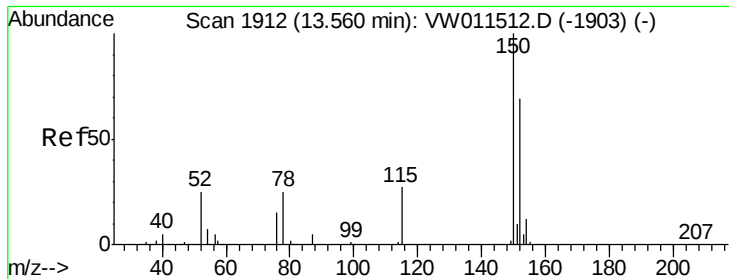
Ion Ratio Lower Upper

117 100

82 60.7 47.9 71.9

119 32.5 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011825.D

Acq: 09 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

1S-K-(1)

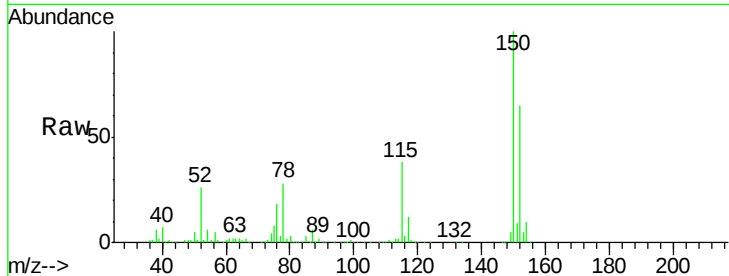
Tot Ion:152 Resp: 110778

Ion Ratio Lower Upper

152 100

115 60.2 30.5 91.5

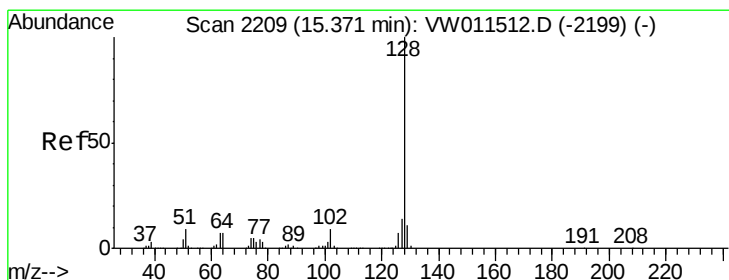
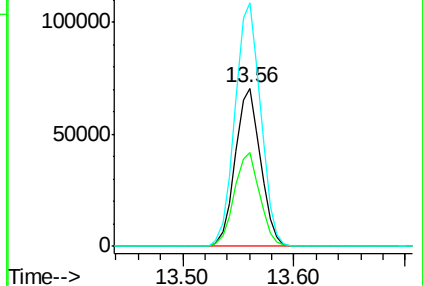
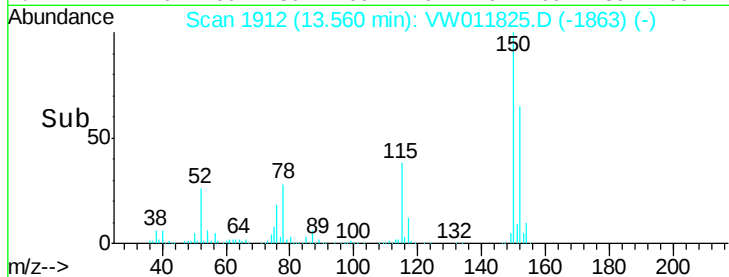
150 156.4 0.0 352.6



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



#95

Naphthalene

Concen: 3.139 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011825.D

Acq: 09 Aug 2019 21:43

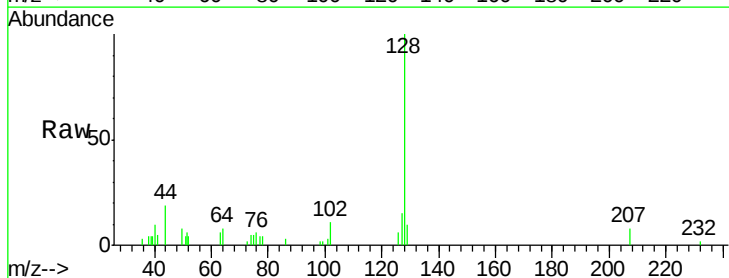
Tgt Ion:128 Resp: 4895

Ion Ratio Lower Upper

128 100

127 14.3 10.6 16.0

129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

