

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011830.D
 Acq On : 09 Aug 2019 23:51
 Operator : SY/VA
 Sample : K4227-17
 Misc : 5.49G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-O-(0)

Quant Time: Aug 11 02:01:05 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

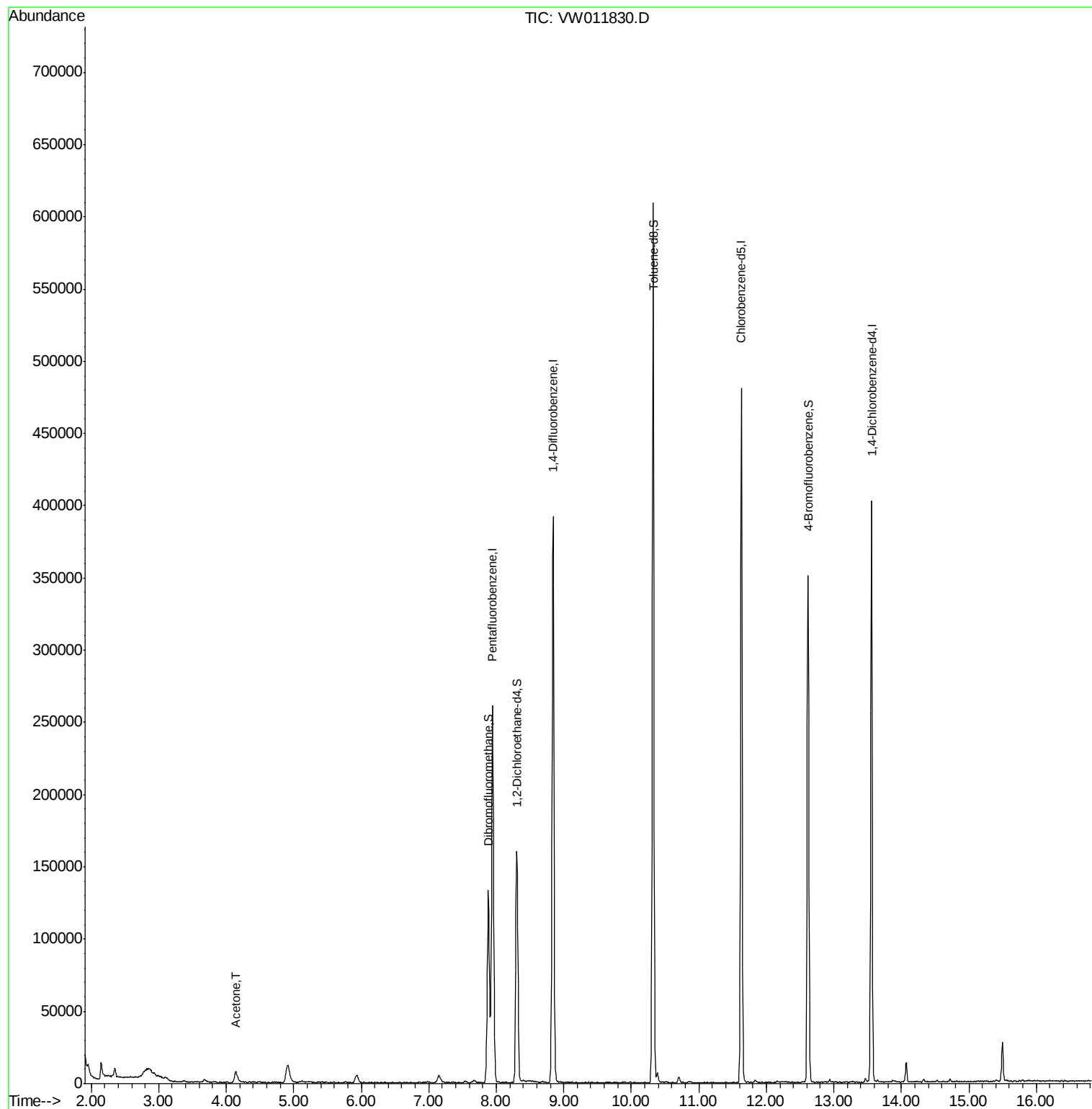
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	302860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	250527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98439	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	129292	61.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.24%	
35) Dibromofluoromethane	7.88	113	93794	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.40%	
50) Toluene-d8	10.32	98	373618	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
62) 4-Bromofluorobenzene	12.62	95	114969	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
Target Compounds						
16) Acetone	4.15	43	16196	24.069	ug/l	Qvalue 95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011830.D

Acq: 09 Aug 2019 23:51

Instrument :

MSVOA_W

ClientSampleId :

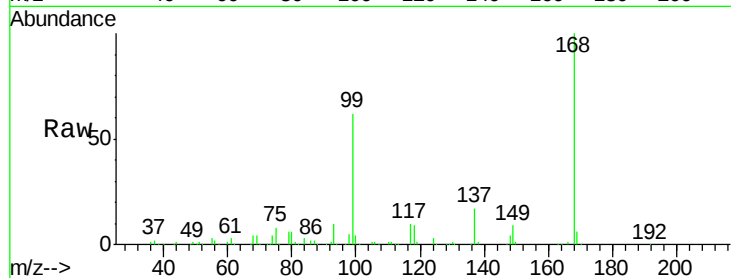
1S-O(0)

Tot Ion:168 Resp: 184223

Ion Ratio Lower Upper

168 100

99 62.4 48.2 72.4



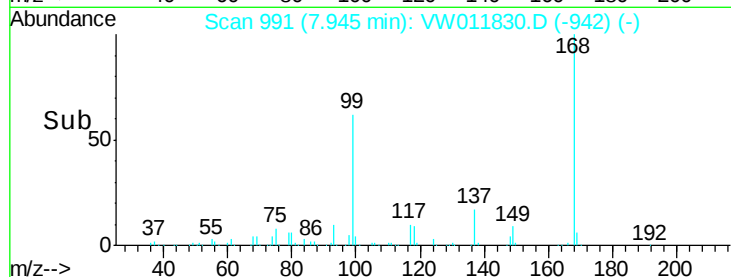
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

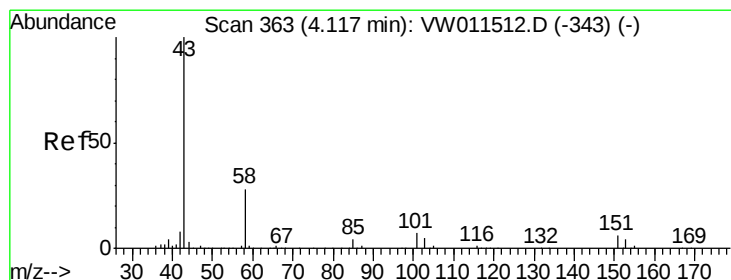
7.95

8.00

8.10



Time-->



#16

Acetone

Concen: 24.069 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW011830.D

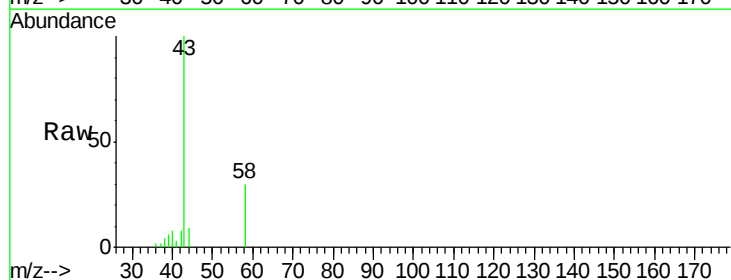
Acq: 09 Aug 2019 23:51

Tgt Ion: 43 Resp: 16196

Ion Ratio Lower Upper

43 100

58 30.4 22.3 33.5



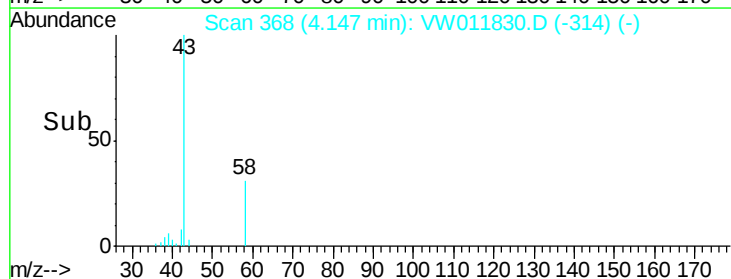
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

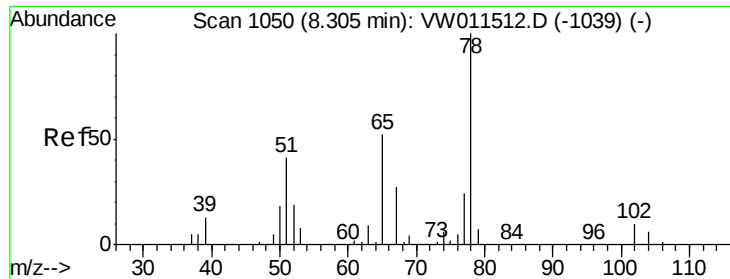
4.15

4.20

4.30



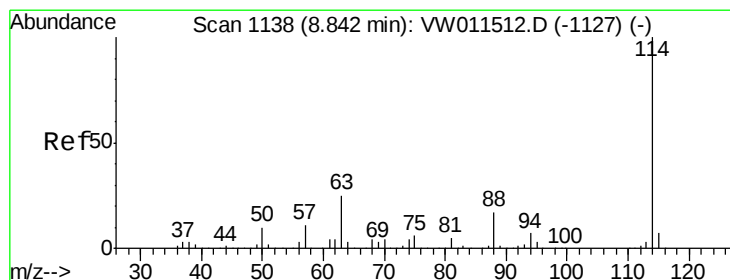
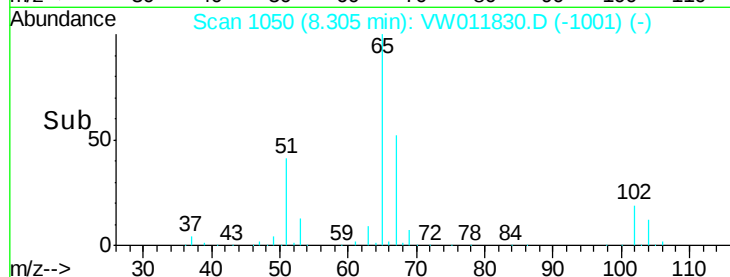
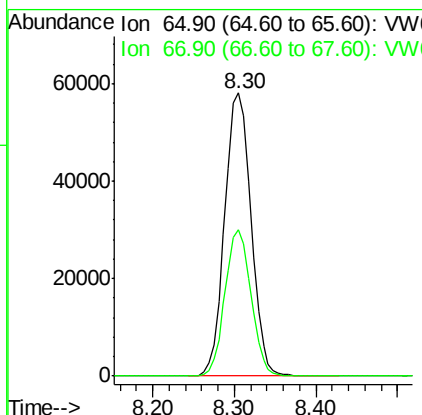
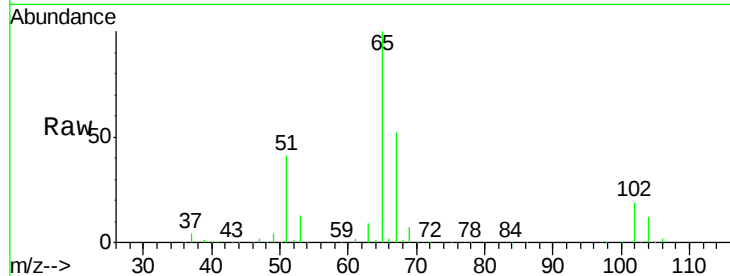
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: 61.120 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011830.D
 Acq: 09 Aug 2019 23:51

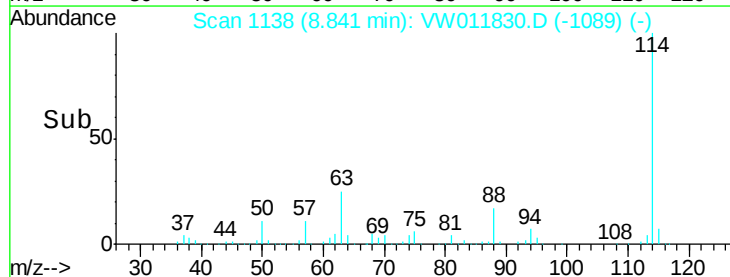
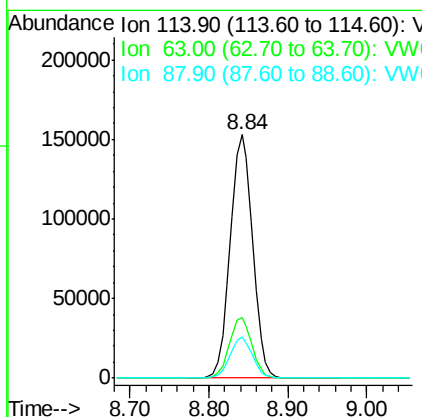
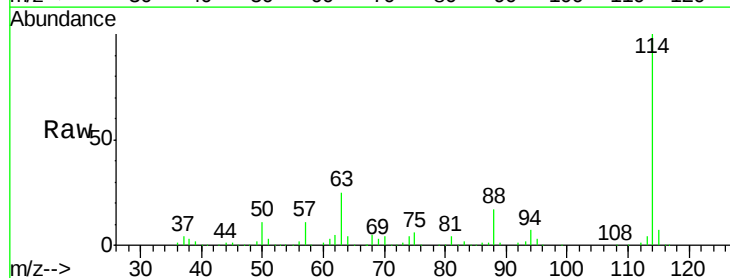
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-O-(0)

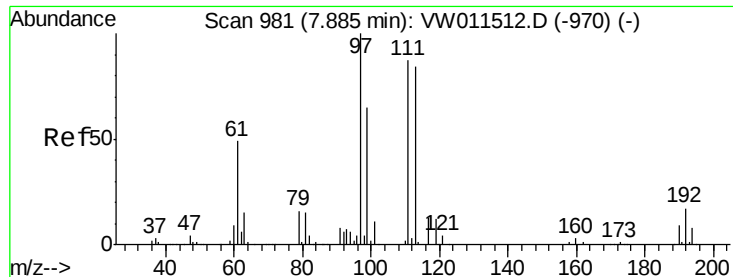
Tot Ion: 65 Resp: 129292
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011830.D
 Acq: 09 Aug 2019 23:51

Tgt Ion: 114 Resp: 302860
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 16.8 0.0 33.8

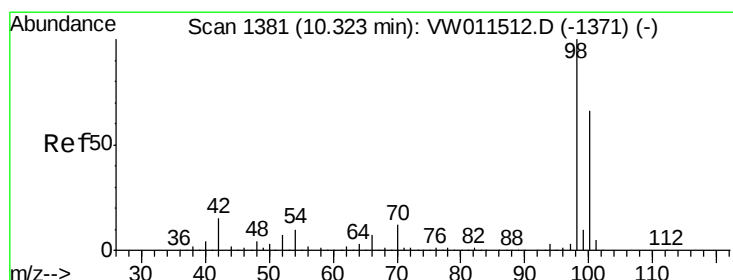
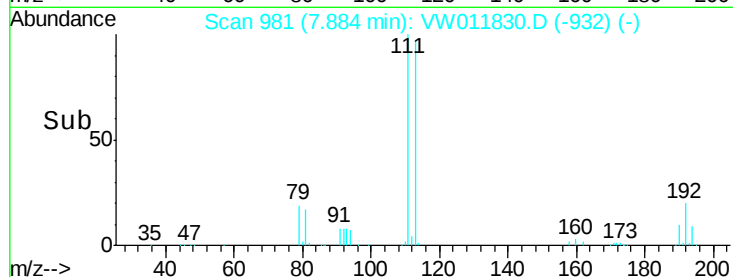
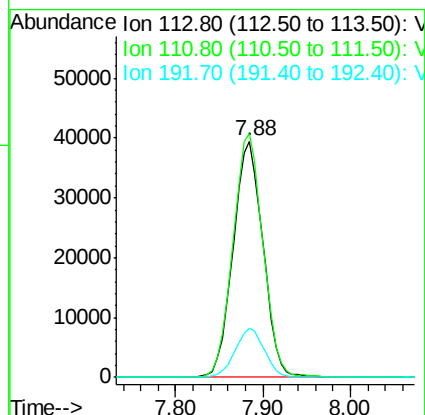
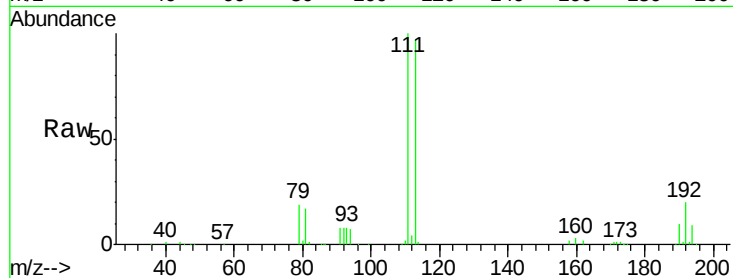




#35
 Dibromofluoromethane
 Concen: 55.202 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011830.D
 Acq: 09 Aug 2019 23:51

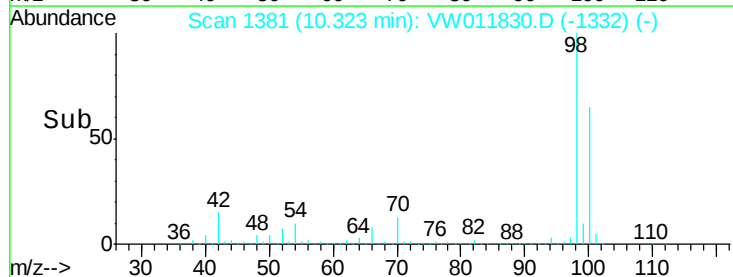
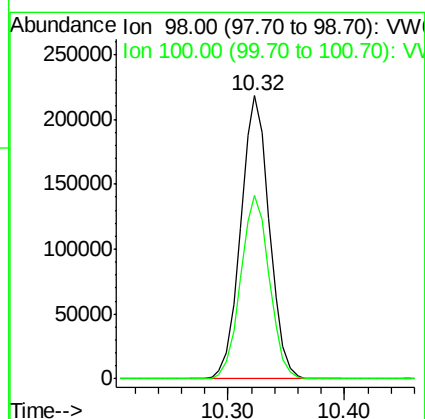
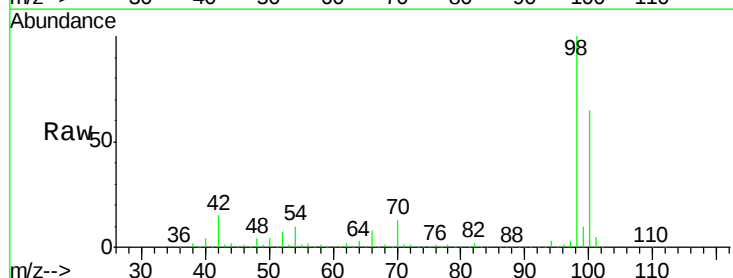
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-O(0)

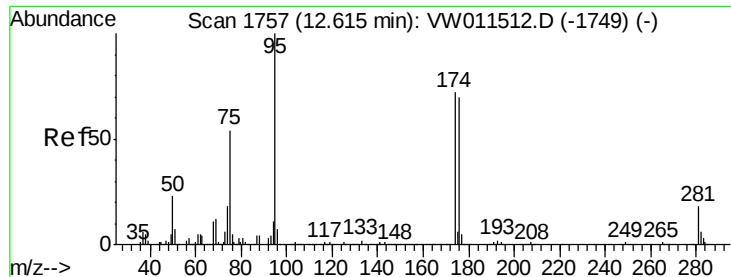
Tot Ion:113 Resp: 93794
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.7 124.1
 192 20.5 16.1 24.1



#50
 Toluene-d8
 Concen: 53.707 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011830.D
 Acq: 09 Aug 2019 23:51

Tgt Ion: 98 Resp: 373618
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 46.355 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011830.D

Acq: 09 Aug 2019 23:51

Instrument :

MSVOA_W

ClientSampleId :

1S-O-(0)

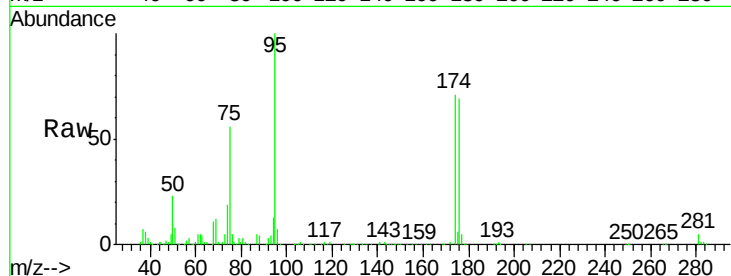
Tot Ion: 95 Resp: 114969

Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.2

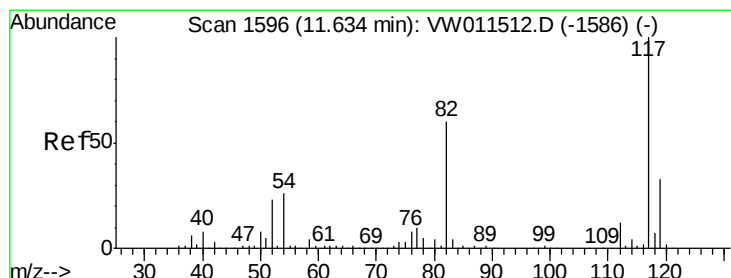
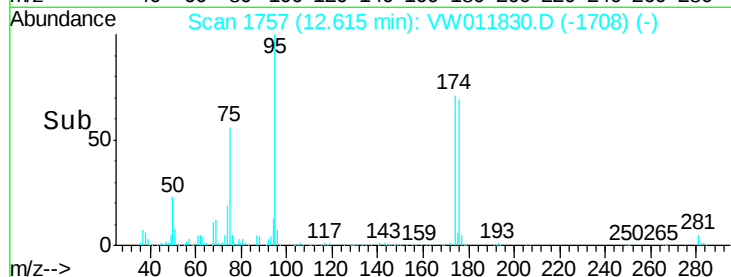
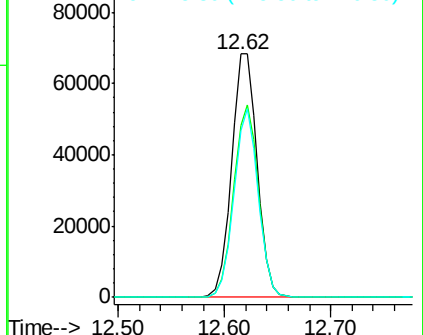
176 73.4 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW011830.D

Acq: 09 Aug 2019 23:51

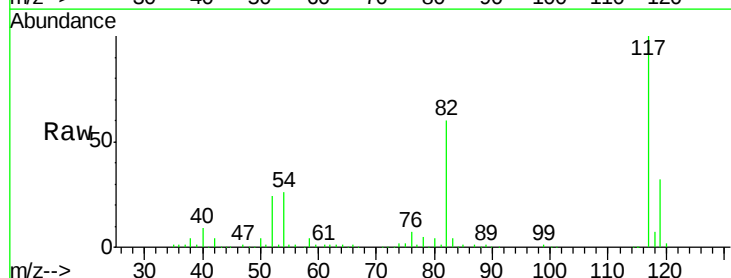
Tgt Ion: 117 Resp: 250527

Ion Ratio Lower Upper

117 100

82 60.2 47.9 71.9

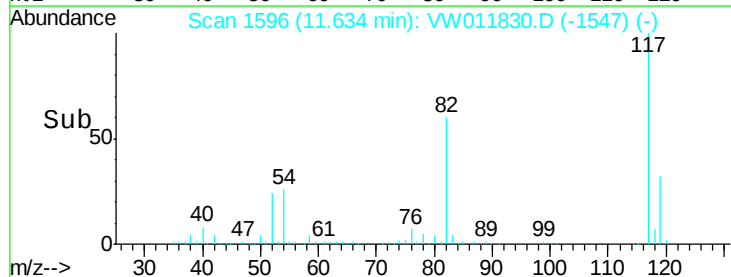
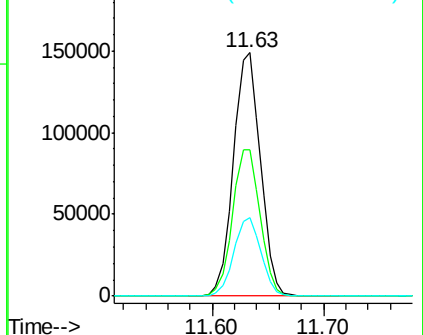
119 32.0 26.2 39.2

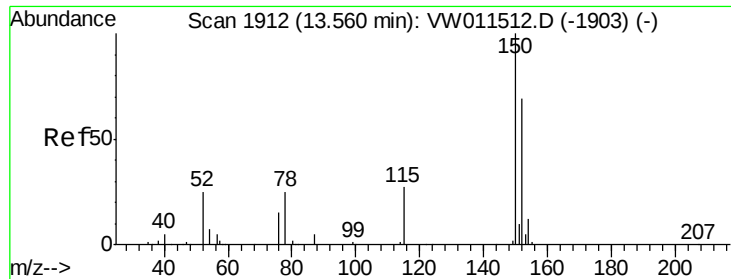


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW011830.D
 Acq: 09 Aug 2019 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-O-(0)

Tot Ion:	152	Resp:	98439
Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.5	91.5
150	158.7	0.0	352.6

