

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\
 Data File : VW010697.D
 Acq On : 05 Jun 2019 17:28
 Operator : SY/VA
 Sample : K3182-01
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-06-2.5-3.0

Quant Time: Jun 06 08:01:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

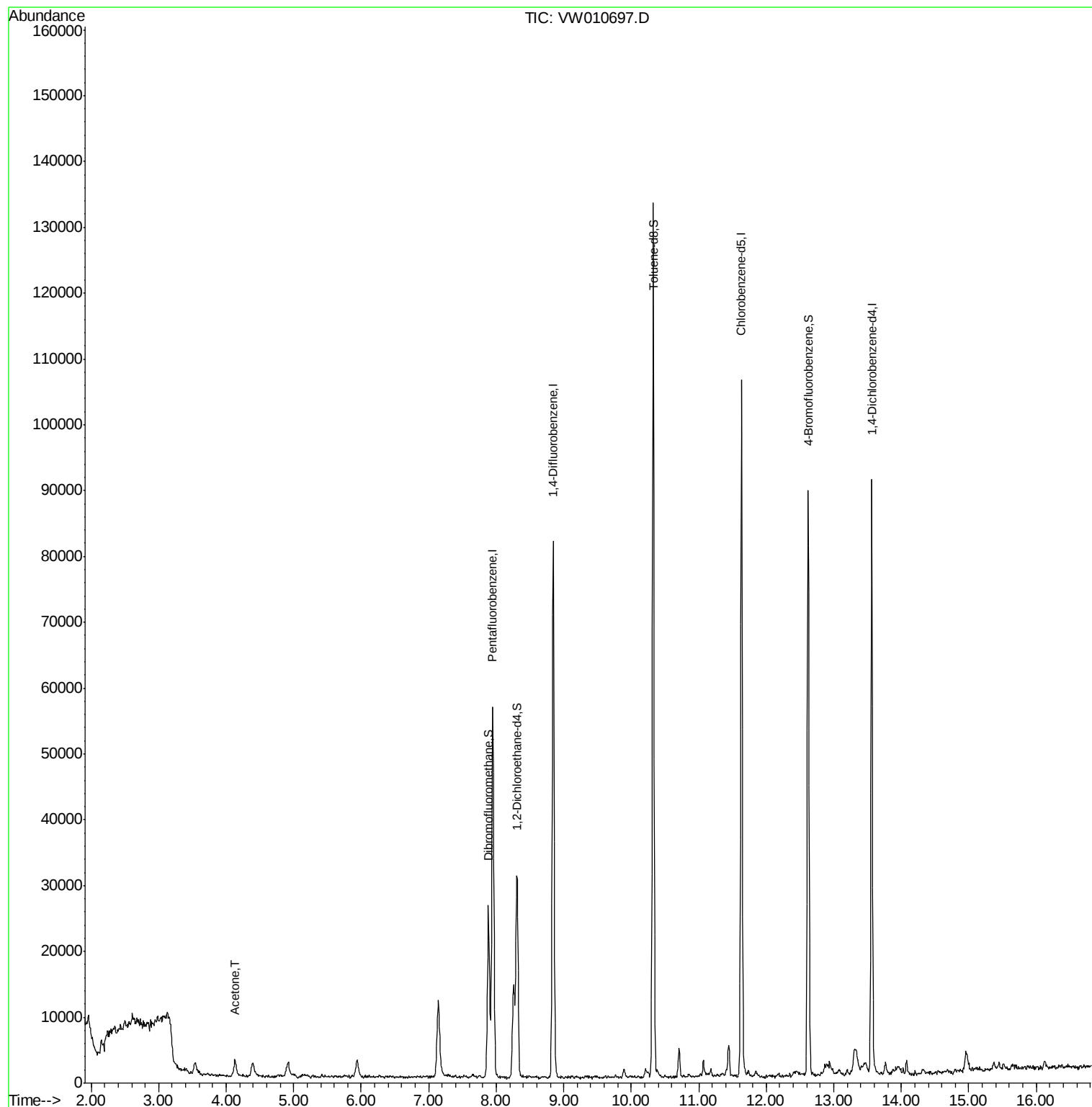
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	40700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	64425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	55499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	22332	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	25388	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
35) Dibromofluoromethane	7.88	113	18279	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
50) Toluene-d8	10.32	98	84032	54.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.60%	
62) 4-Bromofluorobenzene	12.62	95	29108	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
Target Compounds						
16) Acetone	4.13	43	4385	34.114	ug/l #	Qvalue 85

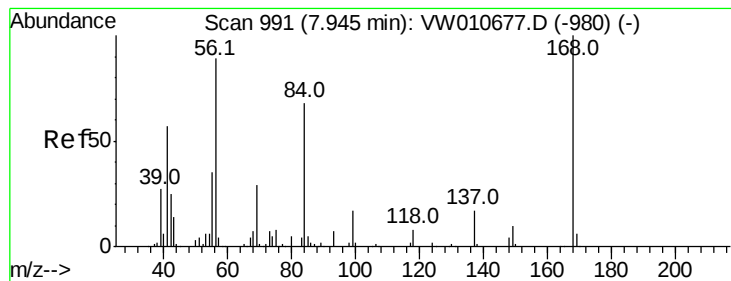
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010697.D

Acq: 05 Jun 2019 17:28

Instrument :

MSVOA_W

ClientSampled :

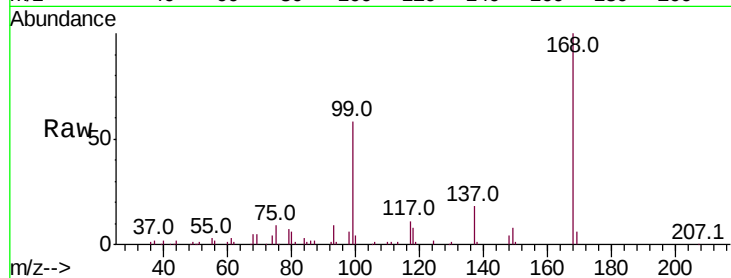
B-06-2.5-3.0

Tot Ion:168 Resp: 40700

Ion Ratio Lower Upper

168 100

99 57.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

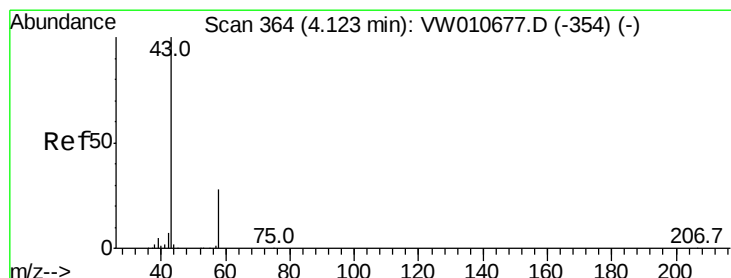
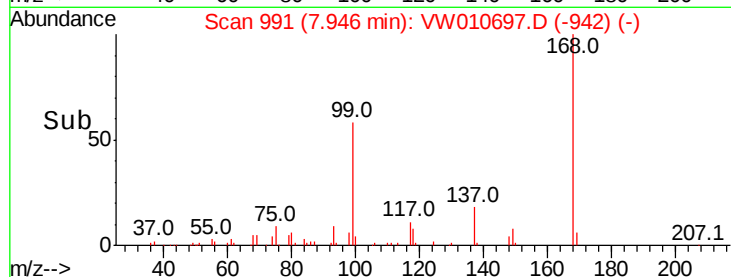
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 34.114 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010697.D

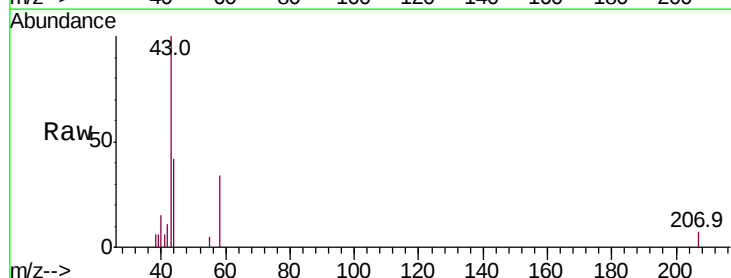
Acq: 05 Jun 2019 17:28

Tgt Ion: 43 Resp: 4385

Ion Ratio Lower Upper

43 100

58 35.5 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1500

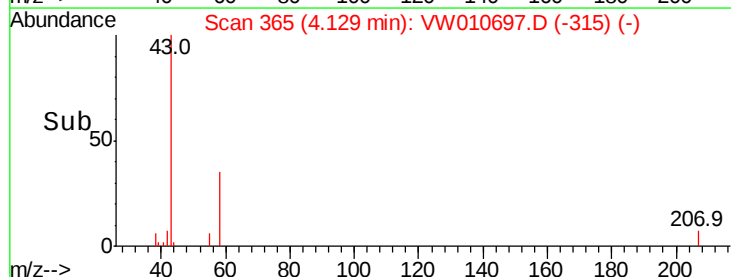
1000

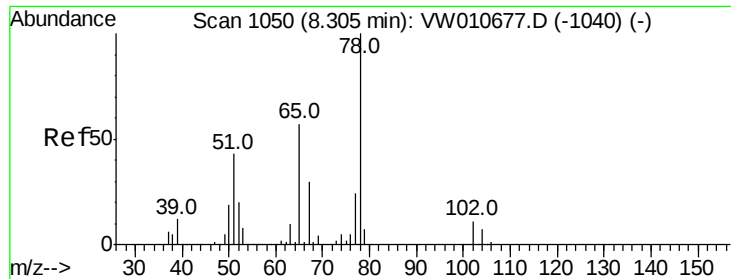
500

0

4.05 4.10 4.15 4.20 4.25

Time-->

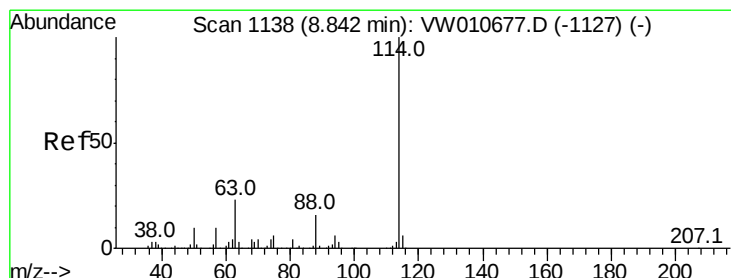
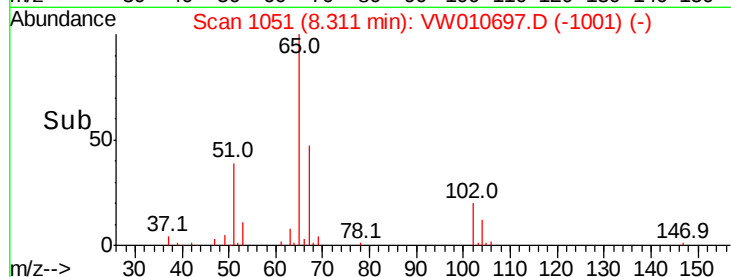
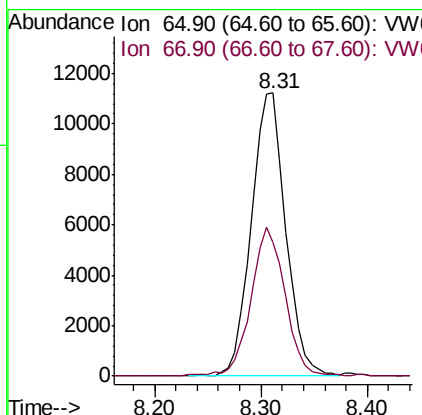
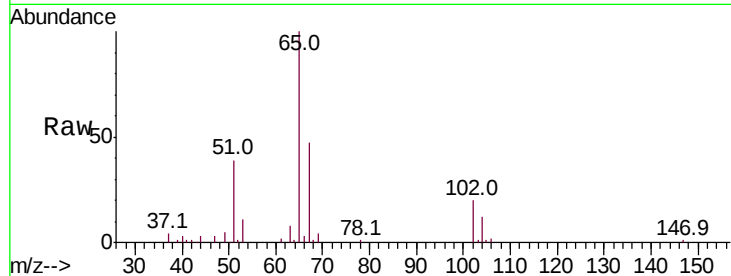




#33
 1,2-Dichloroethane-d4
 Concen: 52.923 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW010697.D
 Acq: 05 Jun 2019 17:28

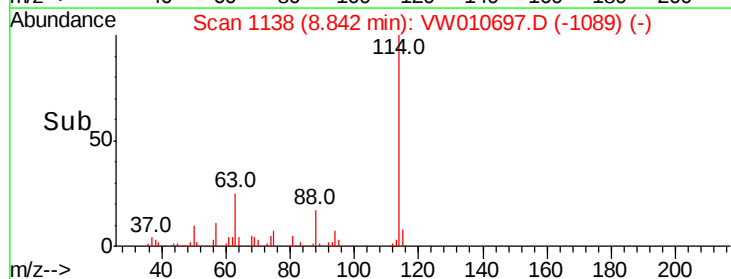
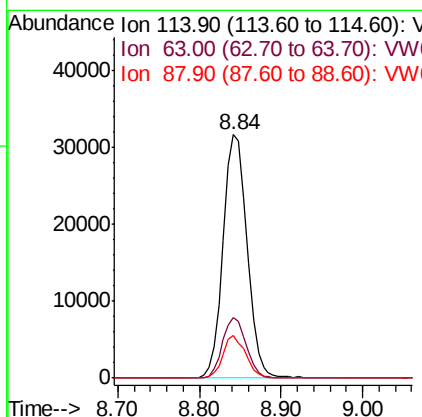
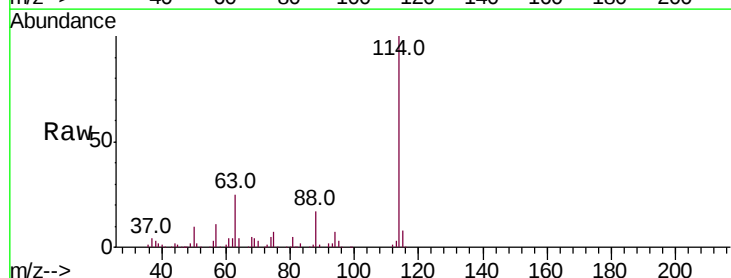
Instrument :
 MSVOA_W
 ClientSampleId :
 B-06-2.5-3.0

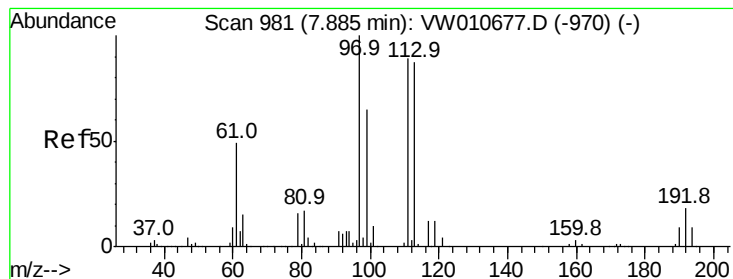
Tot Ion: 65 Resp: 25388
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010697.D
 Acq: 05 Jun 2019 17:28

Tgt Ion: 114 Resp: 64425
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 46.4
 88 17.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.273 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010697.D

Acq: 05 Jun 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

B-06-2.5-3.0

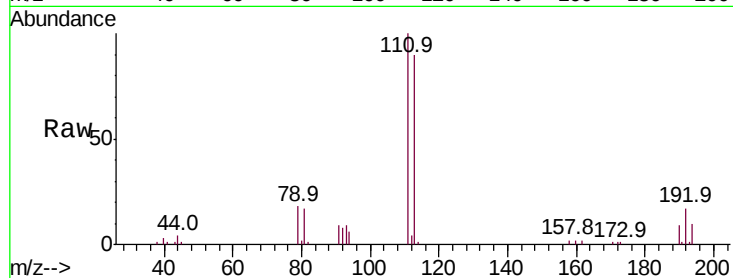
Tot Ion:113 Resp: 18279

Ion Ratio Lower Upper

113 100

111 105.9 82.6 123.8

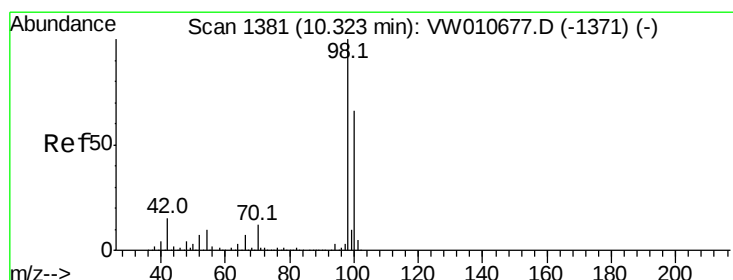
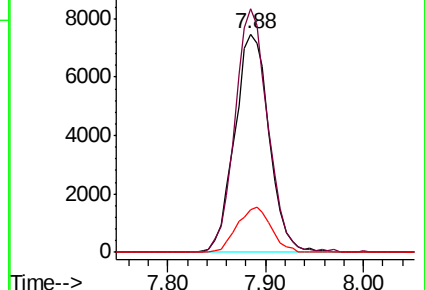
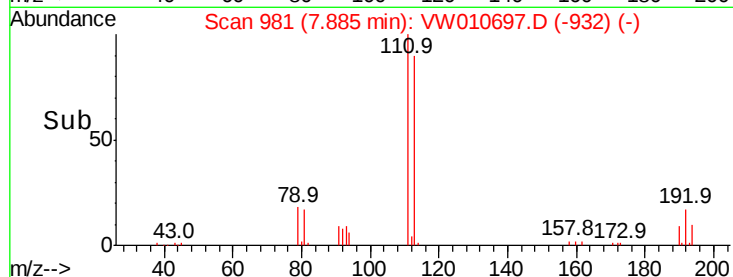
192 20.4 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 54.801 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010697.D

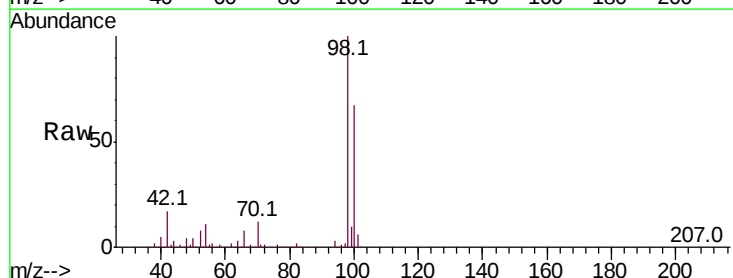
Acq: 05 Jun 2019 17:28

Tgt Ion: 98 Resp: 84032

Ion Ratio Lower Upper

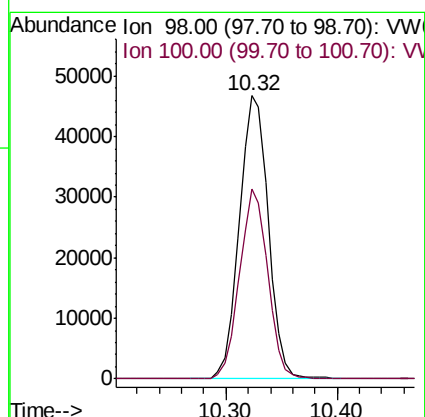
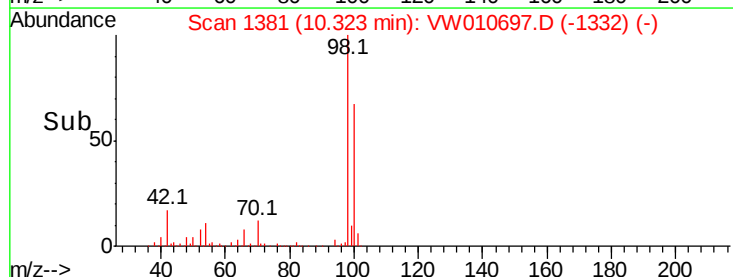
98 100

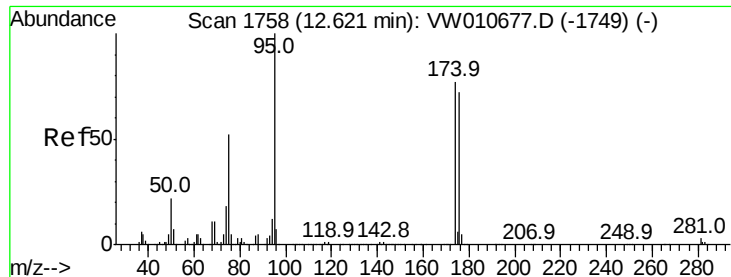
100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 52.166 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010697.D

Acq: 05 Jun 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

B-06-2.5-3.0

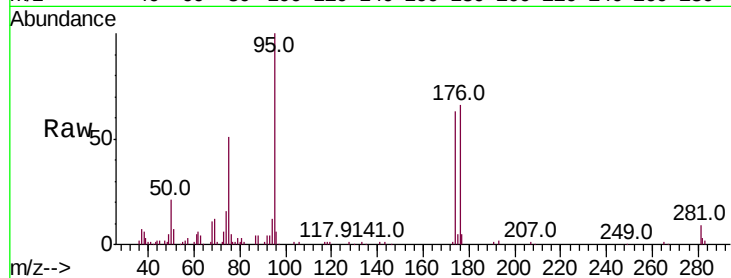
Tot Ion: 95 Resp: 29108

Ion Ratio Lower Upper

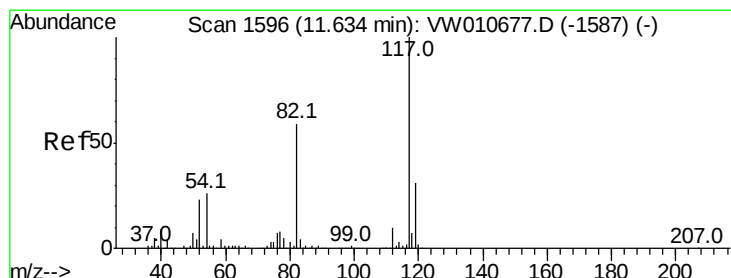
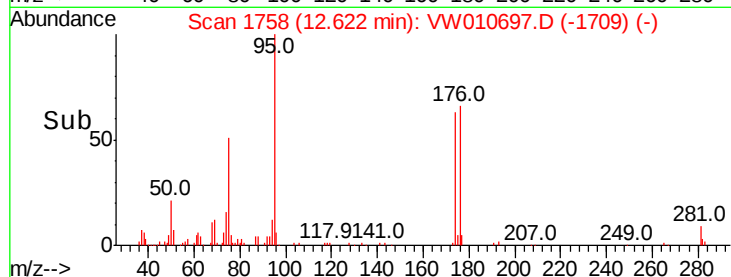
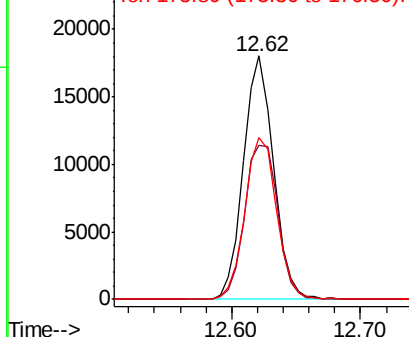
95 100

174 69.8 0.0 150.4

176 69.9 0.0 144.8



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: VW010697.D

Acq: 05 Jun 2019 17:28

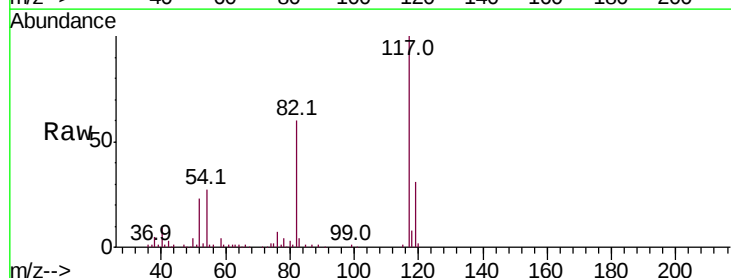
Tgt Ion: 117 Resp: 55499

Ion Ratio Lower Upper

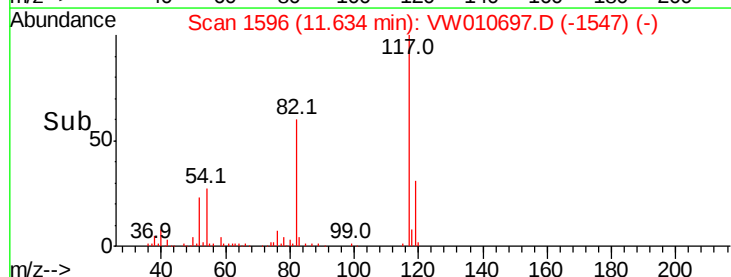
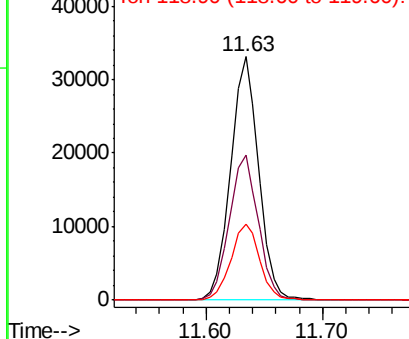
117 100

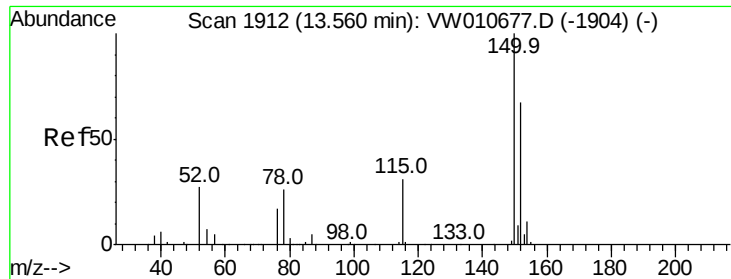
82 59.5 47.0 70.4

119 31.3 25.1 37.7



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: VW010697.D

Acq: 05 Jun 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

B-06-2.5-3.0

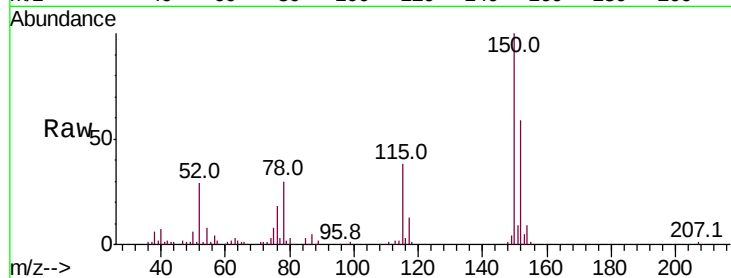
Tot Ion:152 Resp: 22332

Ion Ratio Lower Upper

152 100

115 60.0 29.8 89.3

150 158.8 0.0 345.0



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

