

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011532.D
 Acq On : 26 Jul 2019 23:09
 Operator : SY/VA
 Sample : VW0727SBL02
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBL02

Quant Time: Jul 27 06:47:15 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	229136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134958	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	137142	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	7.88	113	113600	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
50) Toluene-d8	10.32	98	465225	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.62	95	152455	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

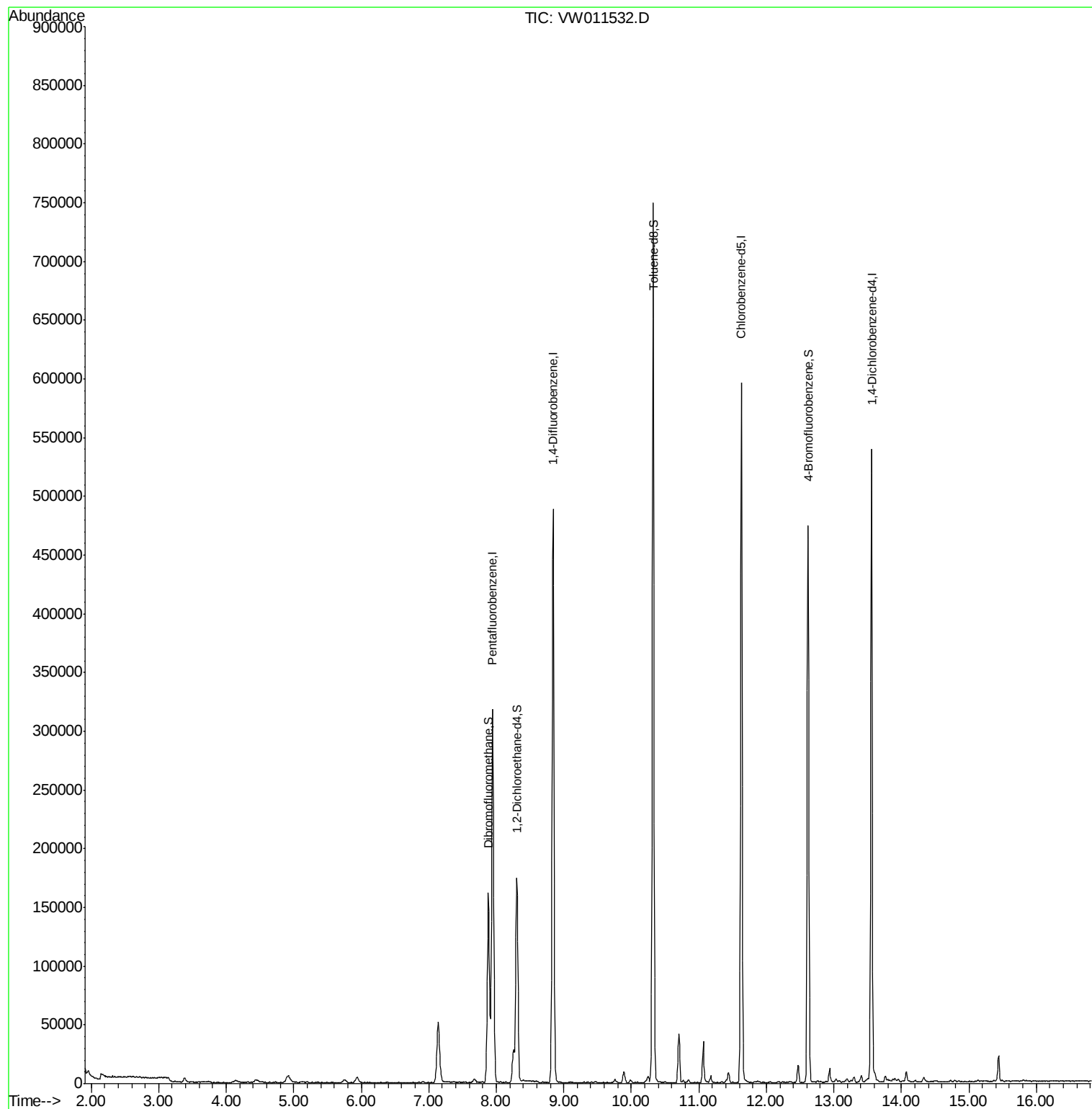
Target Compounds	Qvalue

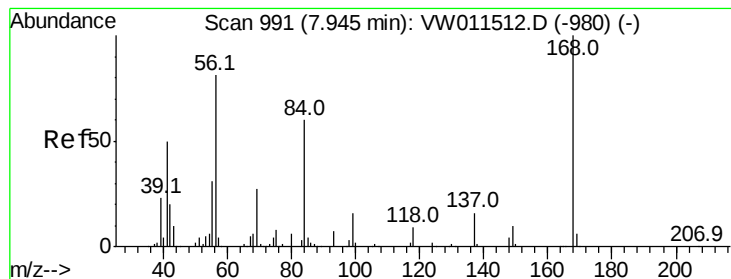
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011532.D

Acq: 26 Jul 2019 23:09

Instrument :

MSVOA_W

ClientSampleId :

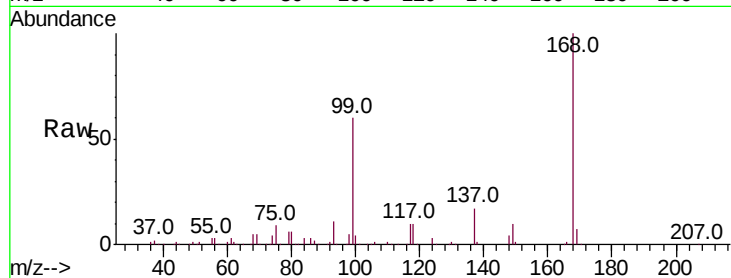
VW0727SBL02

Tot Ion:168 Resp: 229136

Ion Ratio Lower Upper

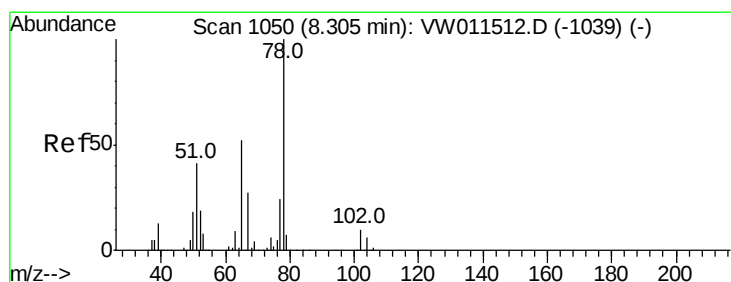
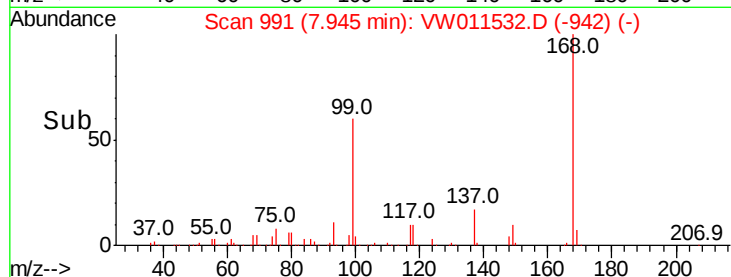
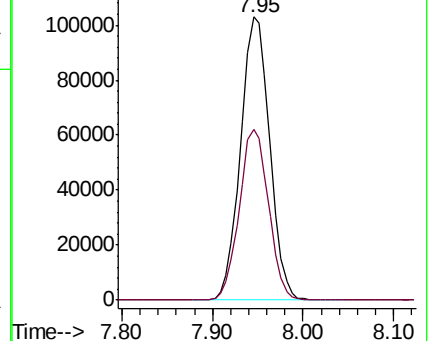
168 100

99 60.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 52.123 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011532.D

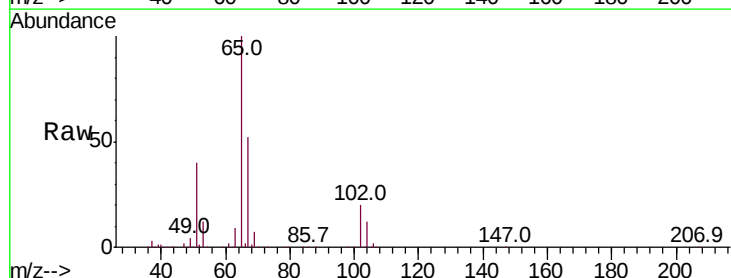
Acq: 26 Jul 2019 23:09

Tgt Ion: 65 Resp: 137142

Ion Ratio Lower Upper

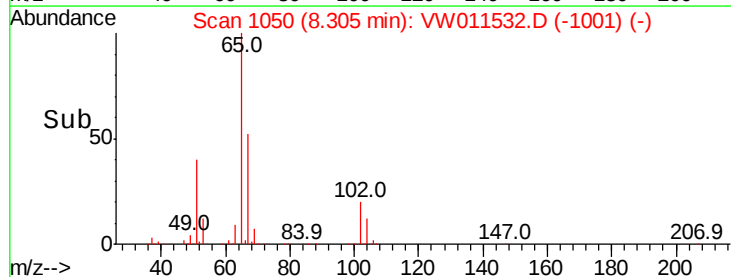
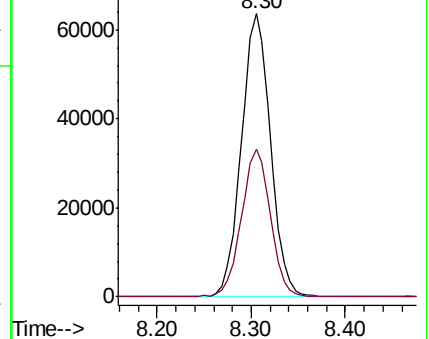
65 100

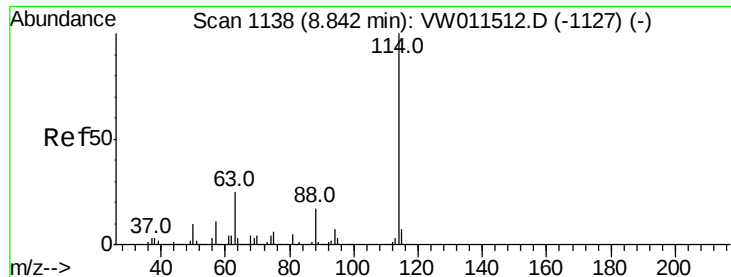
67 52.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

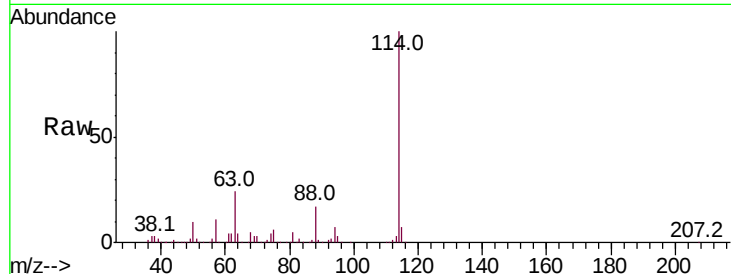




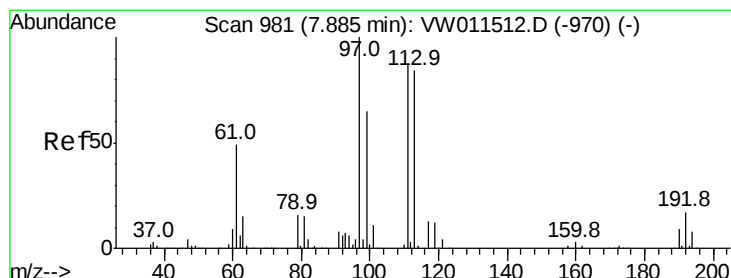
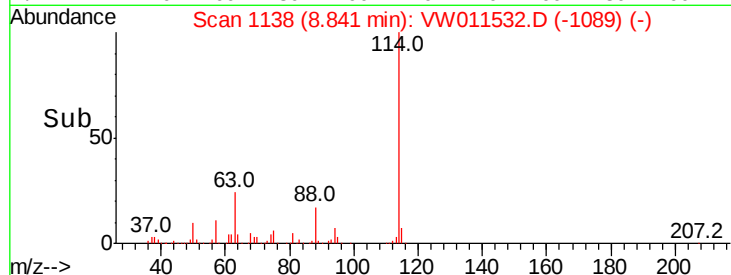
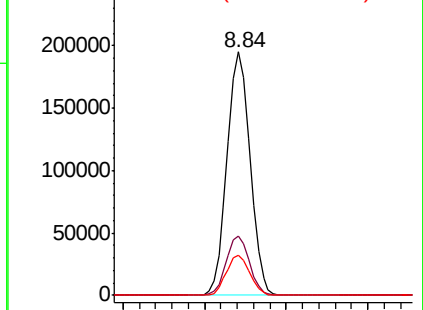
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 23:09

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	49.2
88	16.6	0.0	33.8

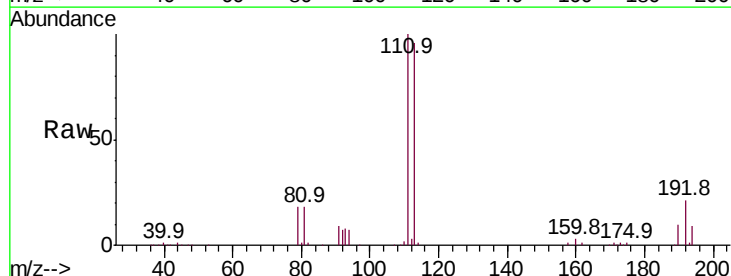


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

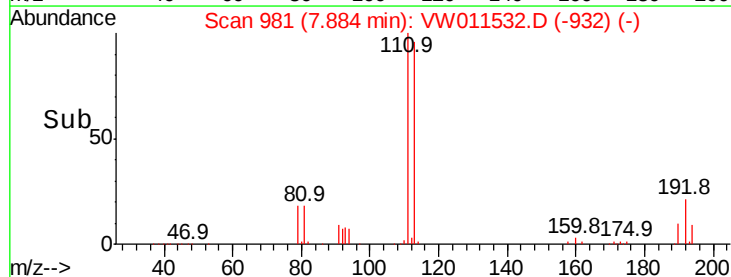
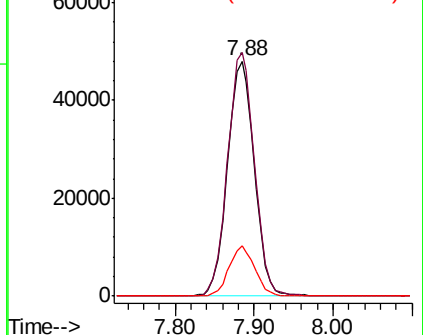


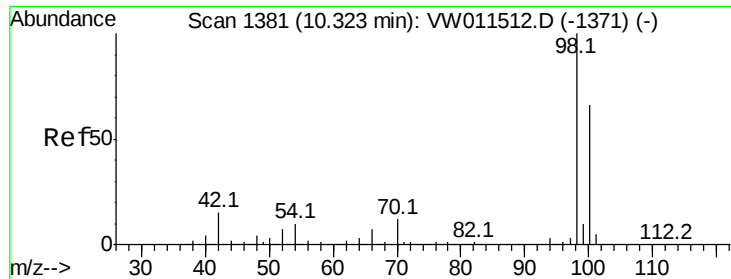
#35
Dibromofluoromethane
Concen: 53.158 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 23:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.7	124.1
192	20.4	16.1	24.1



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: 53.171 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 23:09

Instrument :

MSVOA_W

ClientSampleId :

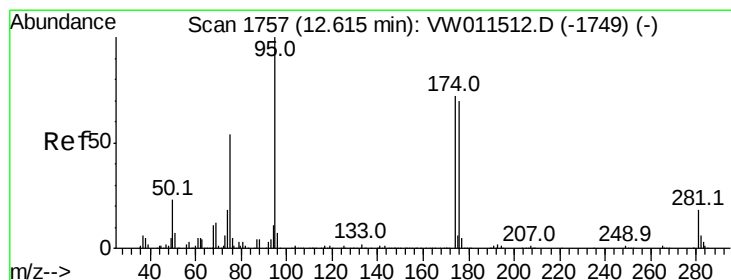
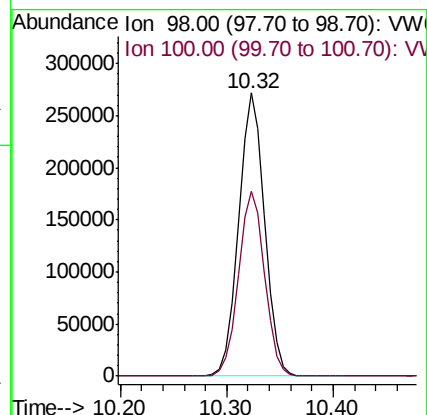
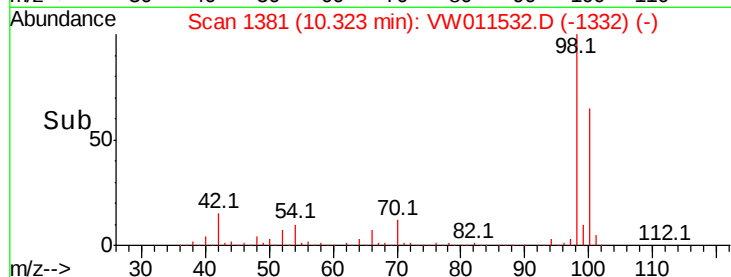
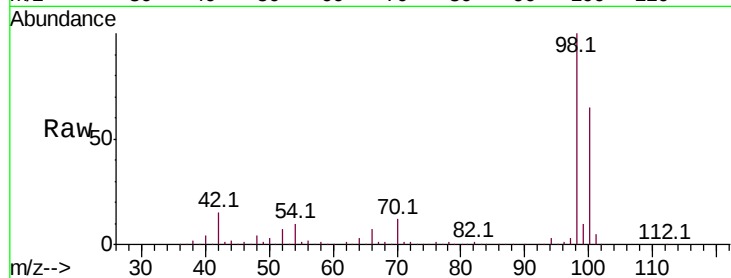
VW0727SBL02

Tot Ion: 98 Resp: 465225

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 48.873 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011532.D

Acq: 26 Jul 2019 23:09

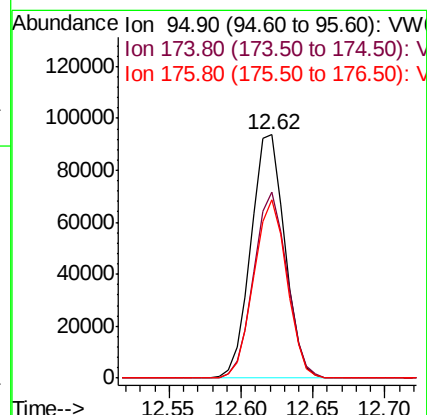
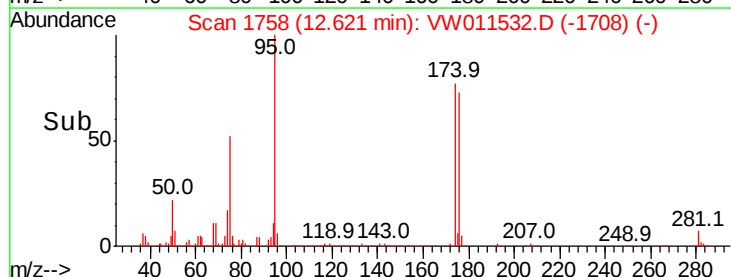
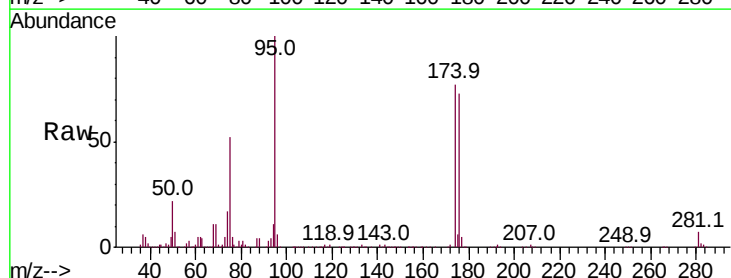
Tgt Ion: 95 Resp: 152455

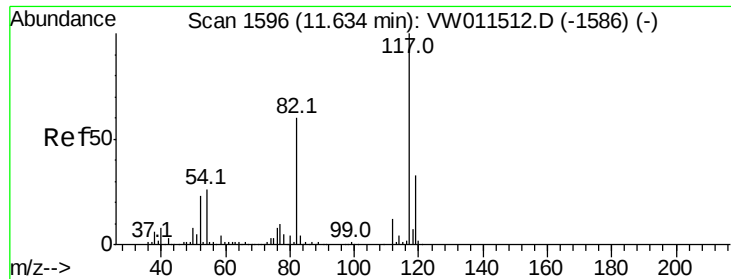
Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.2

176 71.8 0.0 144.4

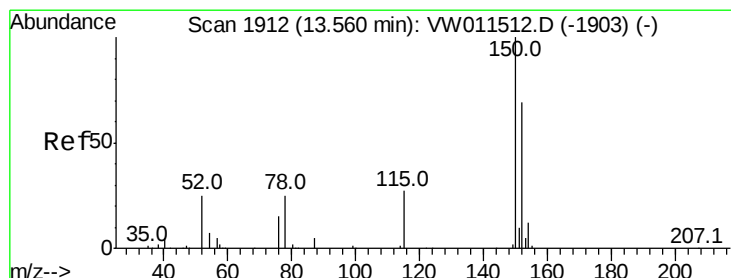
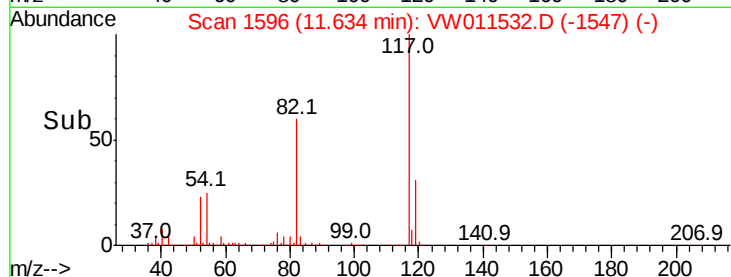
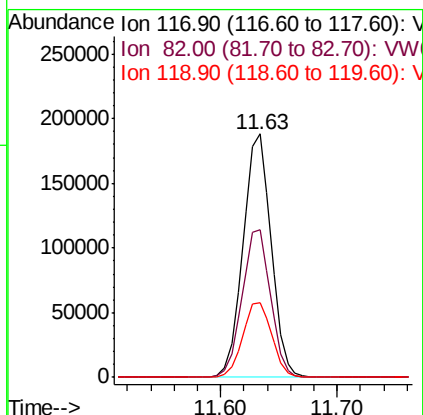
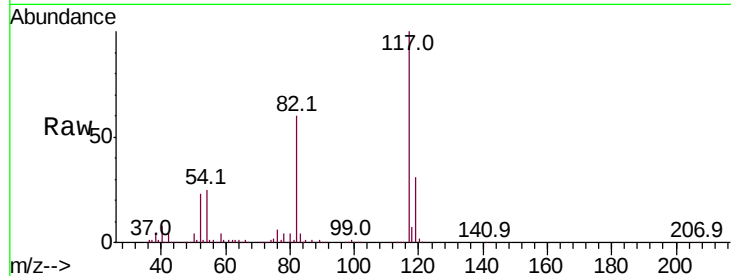




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 23:09

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	47.9	71.9
119	30.6	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: VW011532.D
Acq: 26 Jul 2019 23:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.5	91.5
150	155.9	0.0	352.6

