

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011411.D
 Acq On : 20 Jul 2019 08:23
 Operator : SY/VA
 Sample : K3866-01
 Misc : 7.51G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-1488

Quant Time: Jul 22 01:19:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	297667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	498133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	418295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163100	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	190753	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
35) Dibromofluoromethane	7.88	113	149788	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.32	98	617237	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.62	95	197280	44.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.70%	

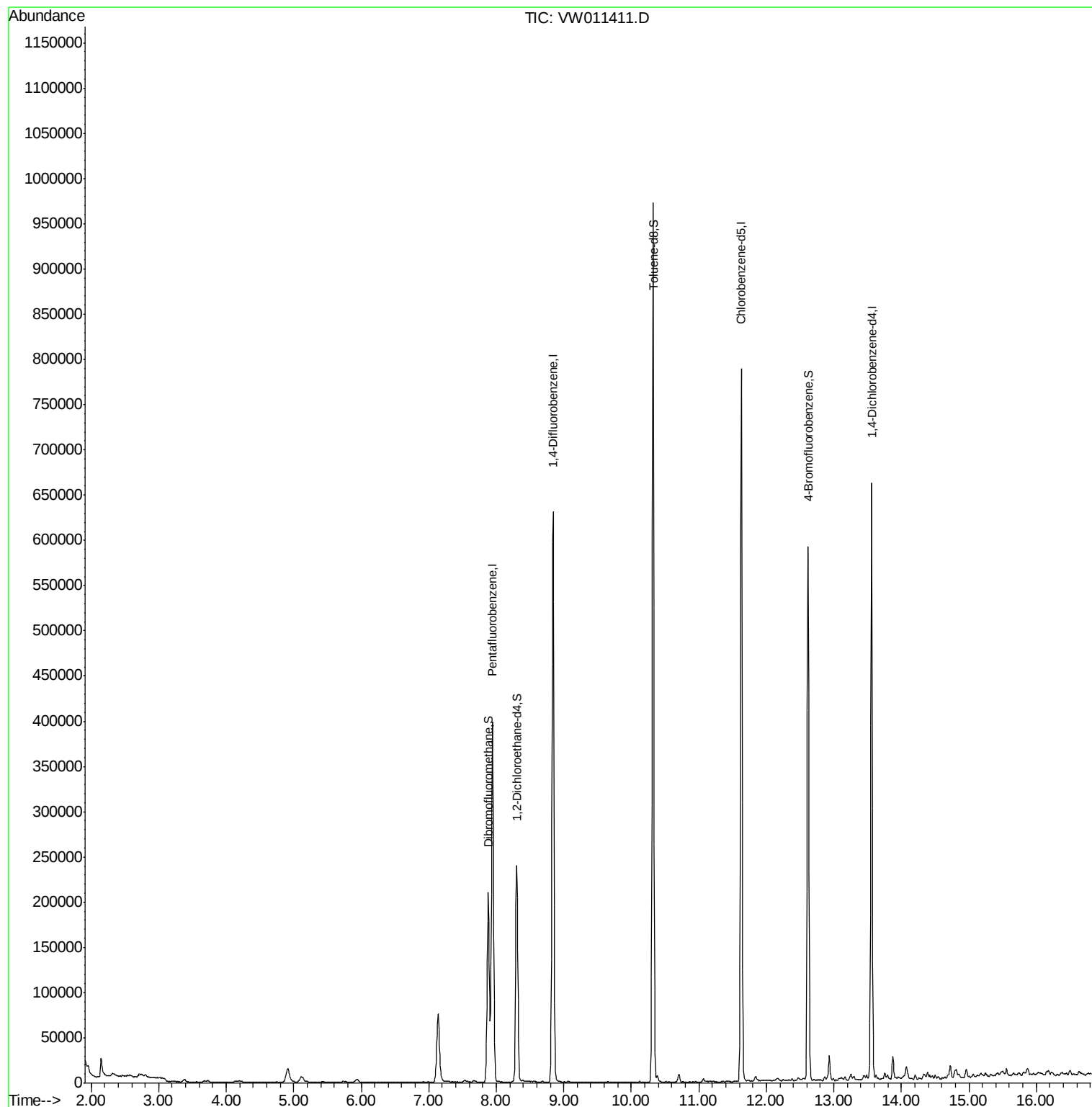
Target Compounds	Qvalue

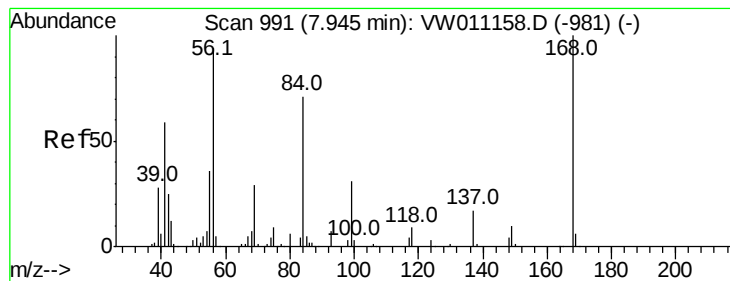
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011411.D

Acq: 20 Jul 2019 08:23

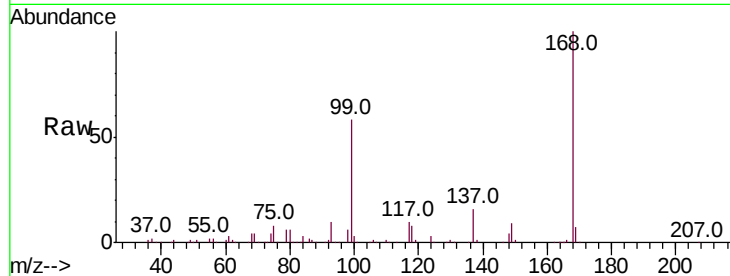
Instrument :
MSVOA_W
ClientSampled :
RT-1488

Tot Ion:168 Resp: 297667

Ion Ratio Lower Upper

168 100

99 58.4 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

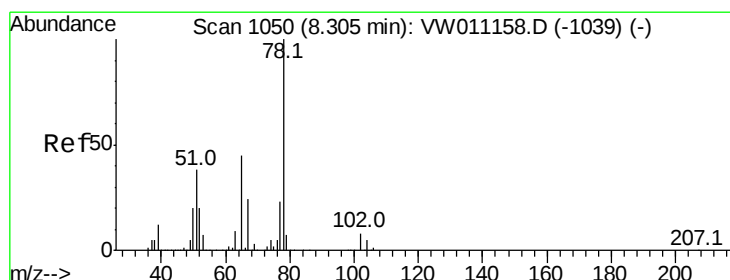
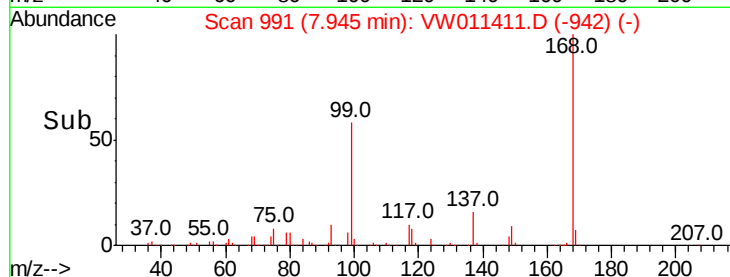
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 50.999 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011411.D

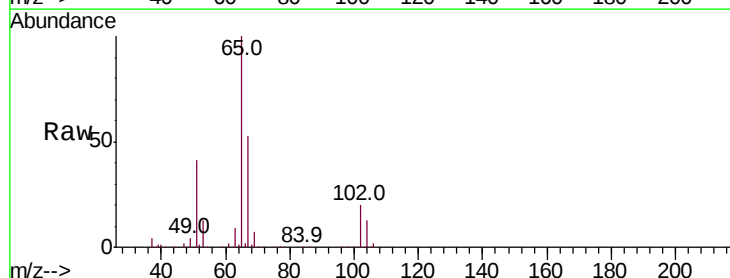
Acq: 20 Jul 2019 08:23

Tgt Ion: 65 Resp: 190753

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

100000

80000

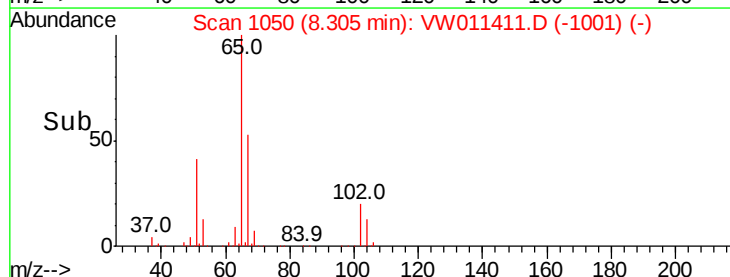
60000

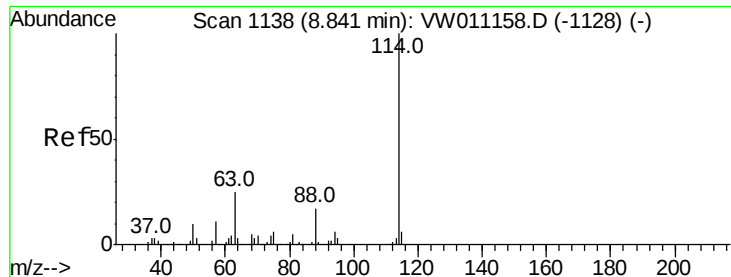
40000

20000

0

Time--> 8.20 8.30 8.40

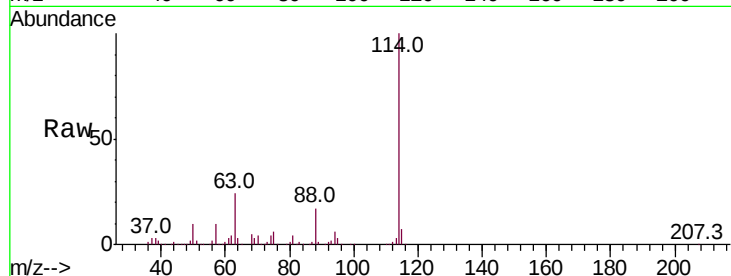




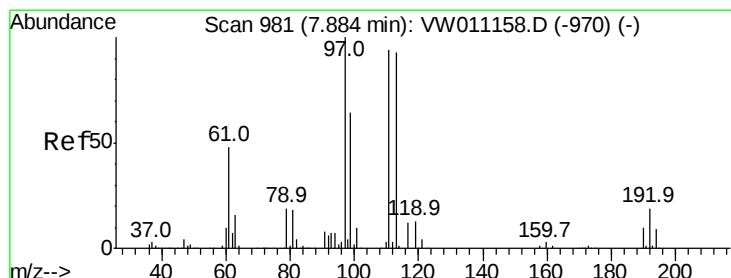
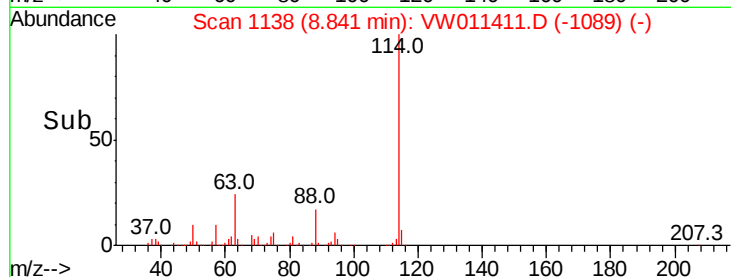
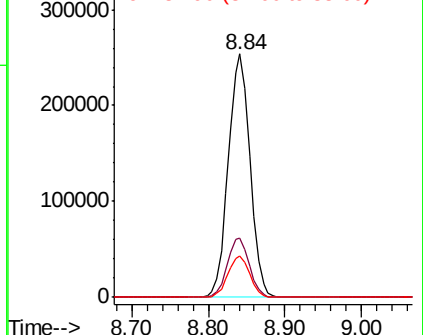
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011411.D
Acq: 20 Jul 2019 08:23

Instrument :
MSVOA_W
ClientSampleId :
RT-1488

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	50.8
88	16.8	0.0	34.2

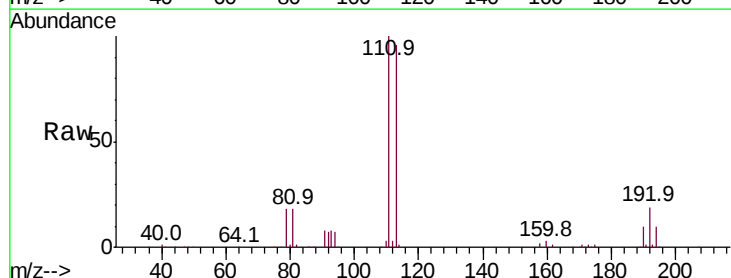


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

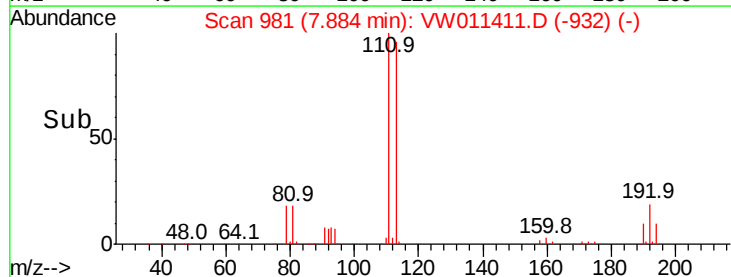
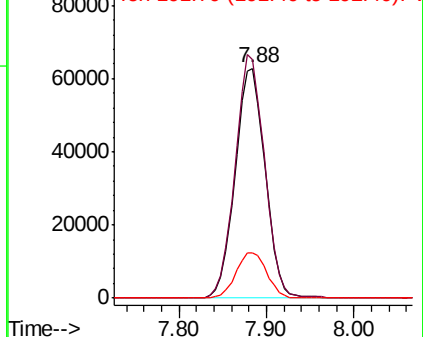


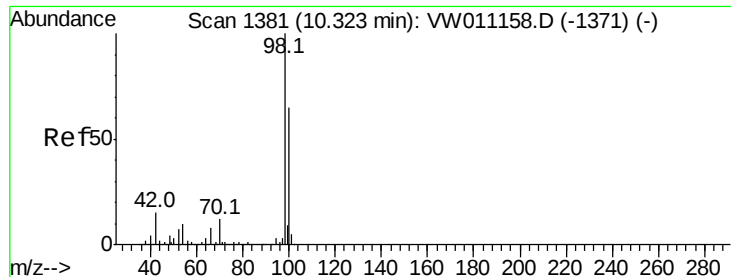
#35
Dibromofluoromethane
Concen: 50.449 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011411.D
Acq: 20 Jul 2019 08:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.4	123.6
192	20.1	15.8	23.8



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

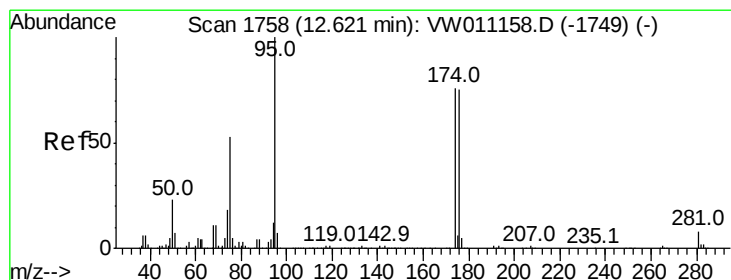
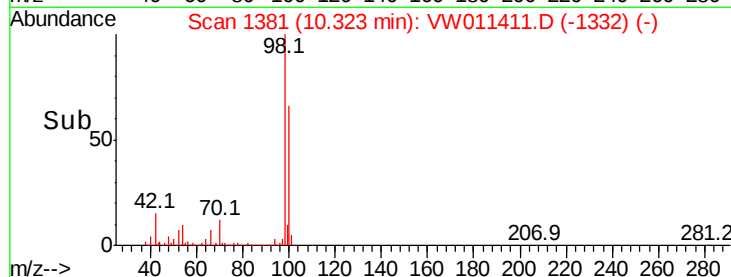
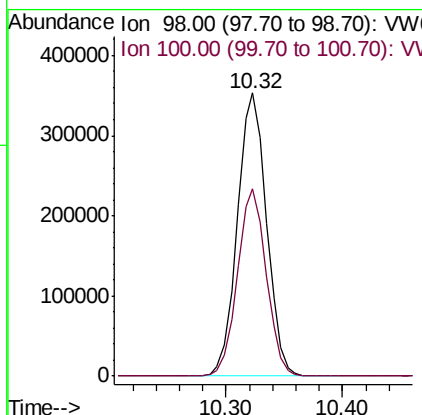
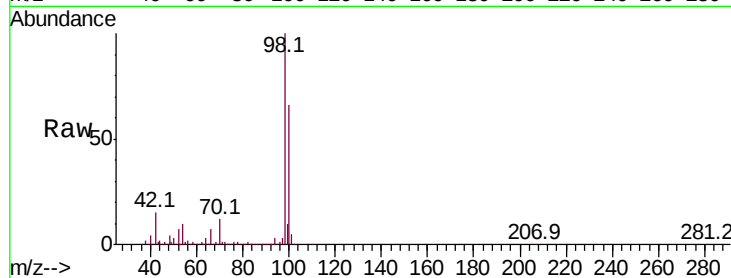




#50
Toluene-d8
Concen: 51.430 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011411.D
Acq: 20 Jul 2019 08:23

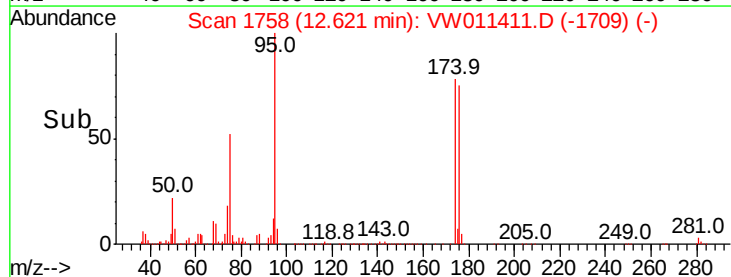
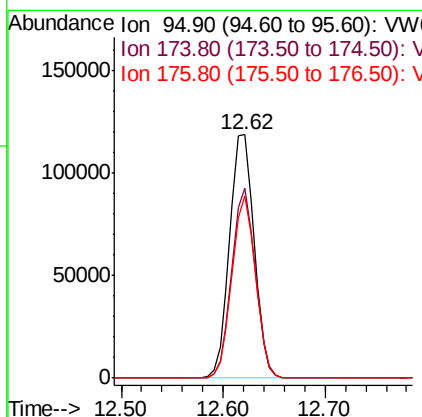
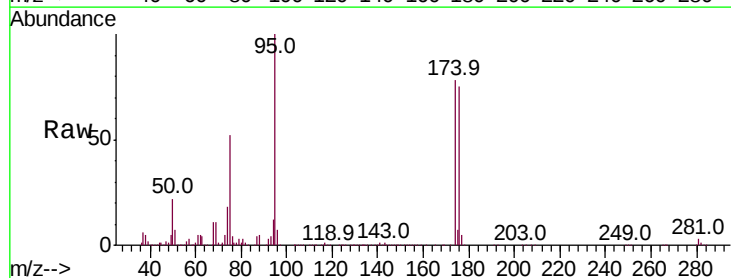
Instrument :
MSVOA_W
ClientSampleId :
RT-1488

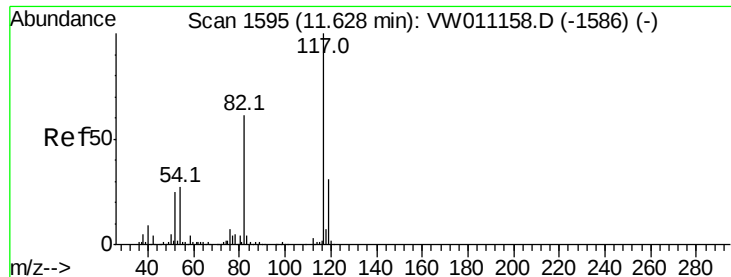
Tot Ion: 98 Resp: 617237
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.847 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW011411.D
Acq: 20 Jul 2019 08:23

Tgt Ion: 95 Resp: 197280
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.6
176 71.8 0.0 144.6

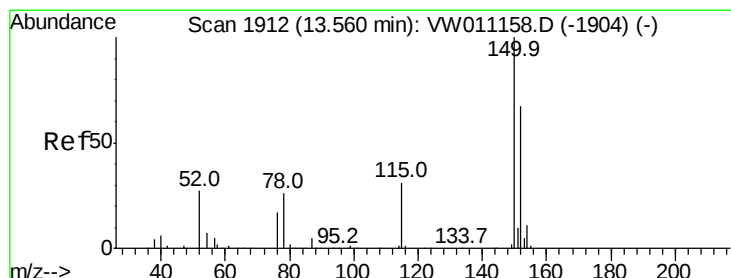
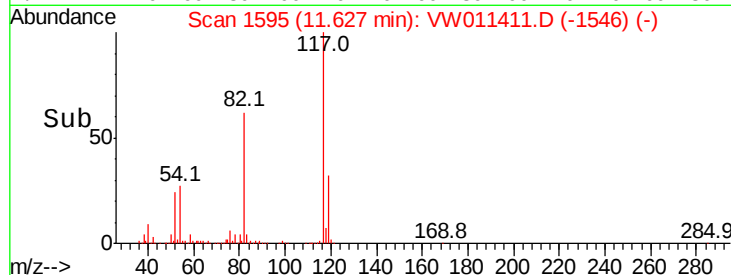
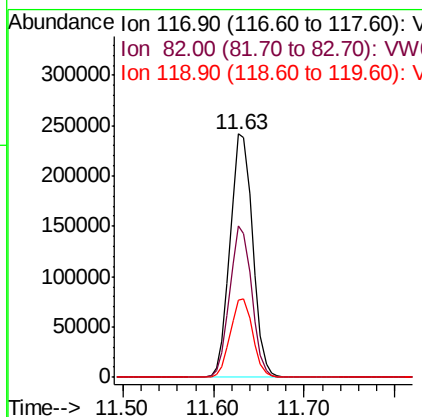
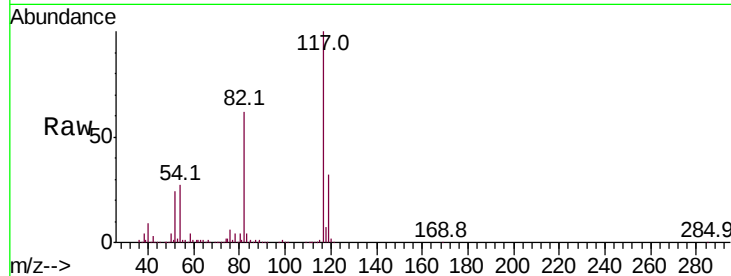




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW011411.D
Acq: 20 Jul 2019 08:23

Instrument :
MSVOA_W
ClientSampleId :
RT-1488

Tot Ion:117 Resp: 418295
Ion Ratio Lower Upper
117 100
82 62.0 48.9 73.3
119 31.9 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011411.D
Acq: 20 Jul 2019 08:23

Tgt Ion:152 Resp: 163100
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.3
150 155.4 0.0 346.0

