

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080819\
 Data File : VW011751.D
 Acq On : 07 Aug 2019 15:14
 Operator : SY/VA
 Sample : K4208-01
 Misc : 5.92G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03(13-14)

Quant Time: Aug 08 08:57:17 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	210939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121312	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	141790	58.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.08%	
35) Dibromofluoromethane	7.88	113	109636	54.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.82%	
50) Toluene-d8	10.32	98	434239	53.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.62	95	137585	47.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.42%	

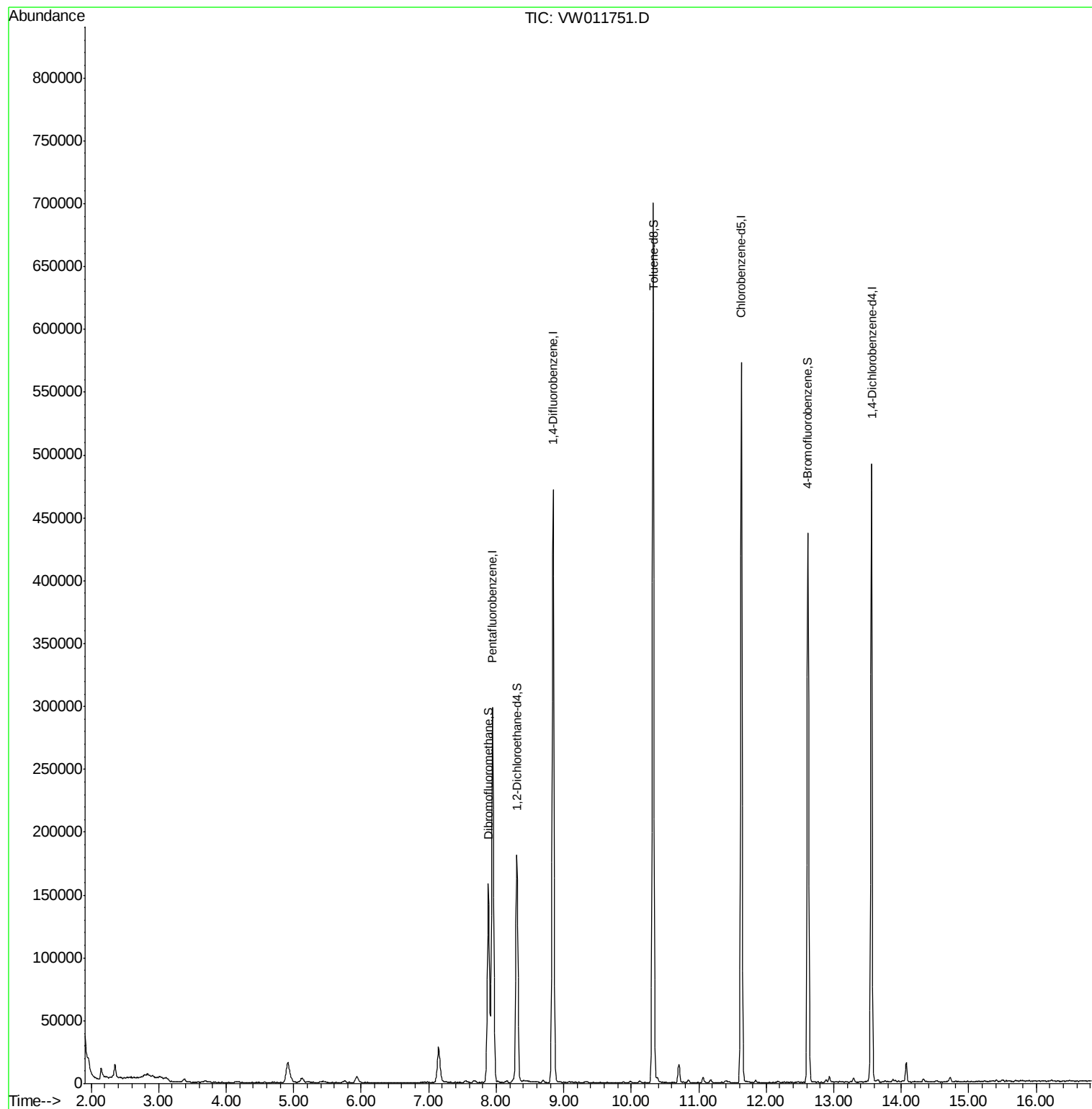
Target Compounds	Qvalue

(#) = 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: VW011751.D

Acq: 07 Aug 2019 15:14

Instrument :

MSVOA_W

ClientSampled :

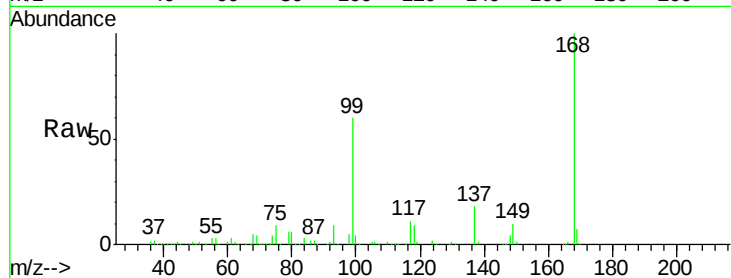
SB-03(13-14)

Tot Ion:168 Resp: 210939

Ion Ratio Lower Upper

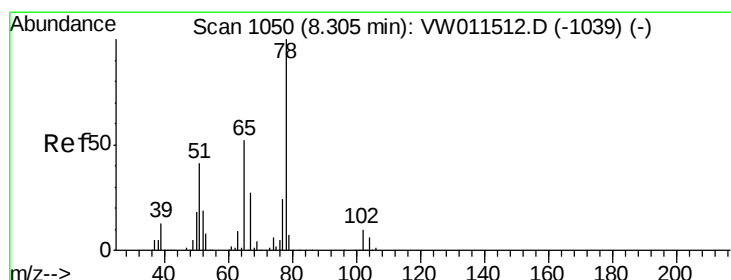
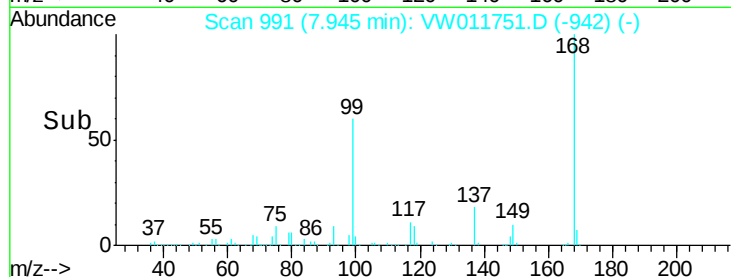
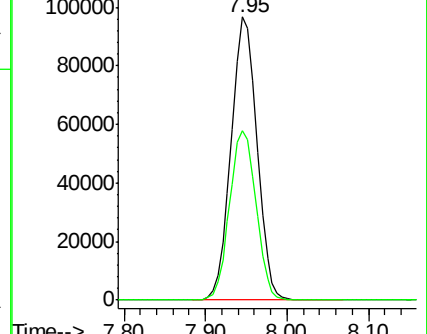
168 100

99 59.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 58.538 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011751.D

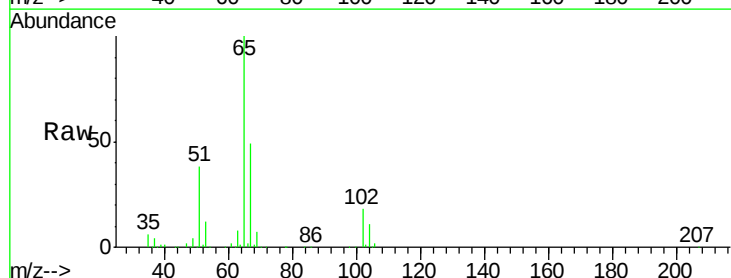
Acq: 07 Aug 2019 15:14

Tgt Ion: 65 Resp: 141790

Ion Ratio Lower Upper

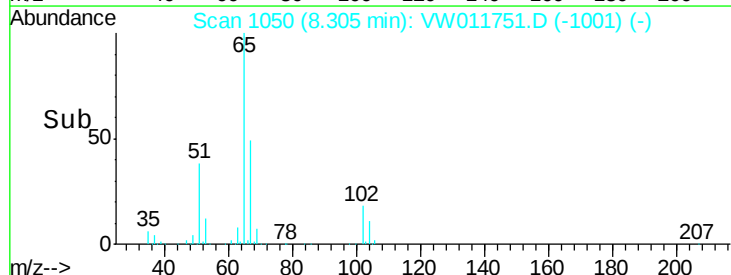
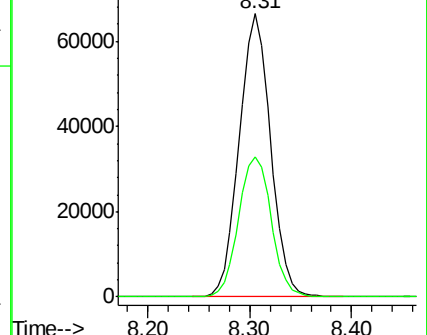
65 100

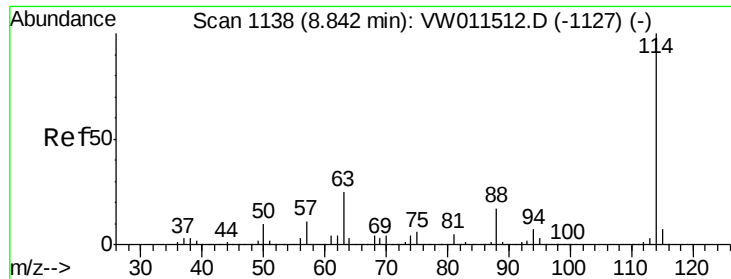
67 51.7 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

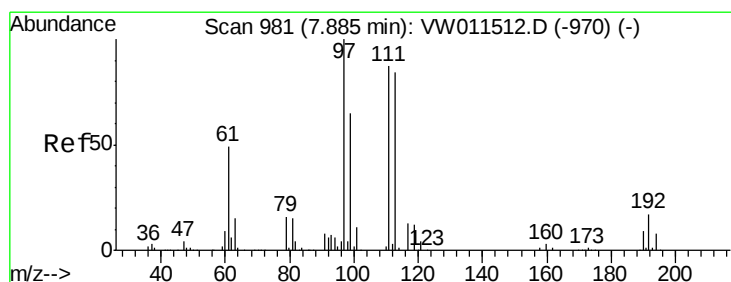
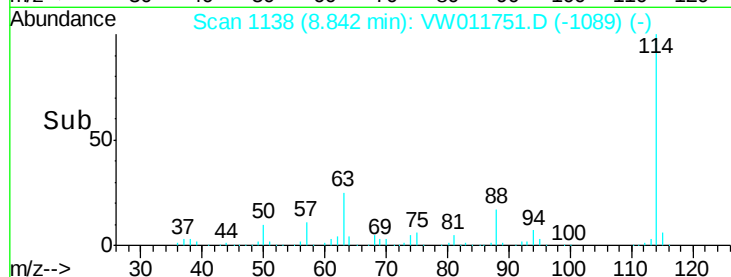
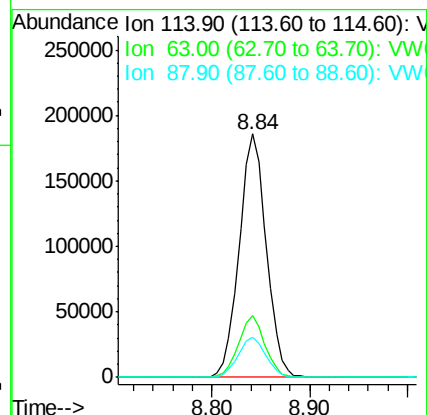
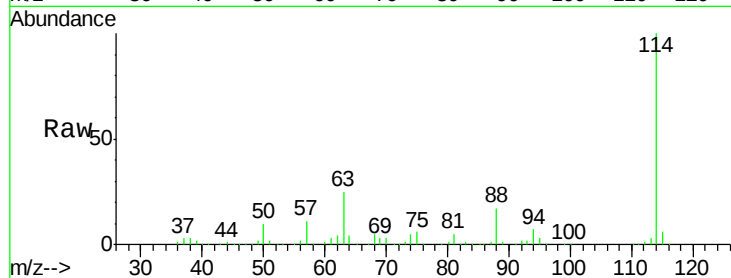




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011751.D
 Acq: 07 Aug 2019 15:14

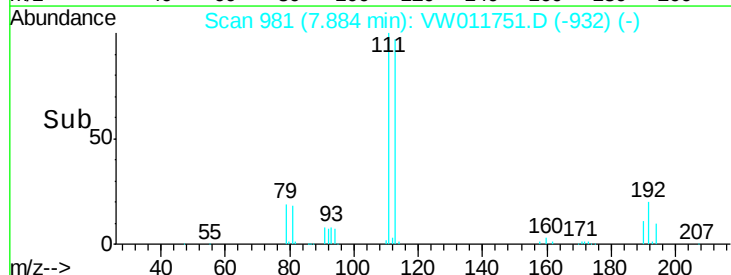
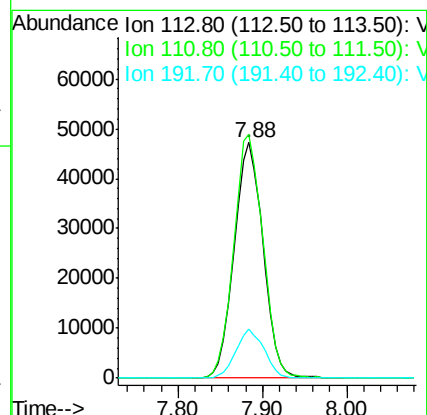
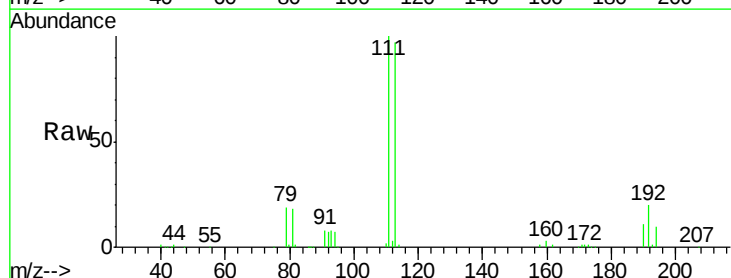
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03(13-14)

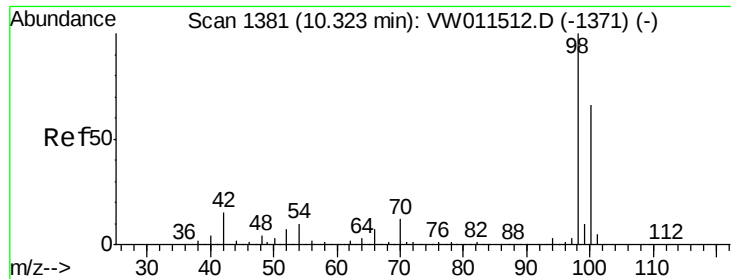
Tot Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	49.2
88	16.6	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 54.911 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011751.D
 Acq: 07 Aug 2019 15:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.7	124.1
192	20.3	16.1	24.1

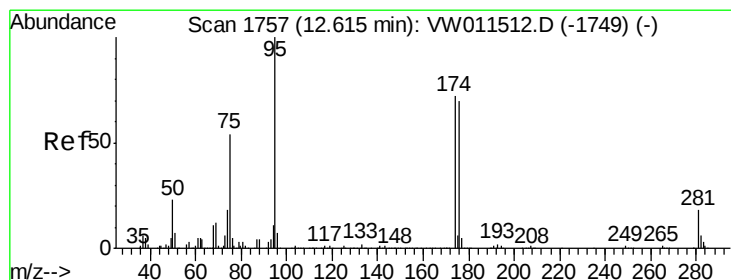
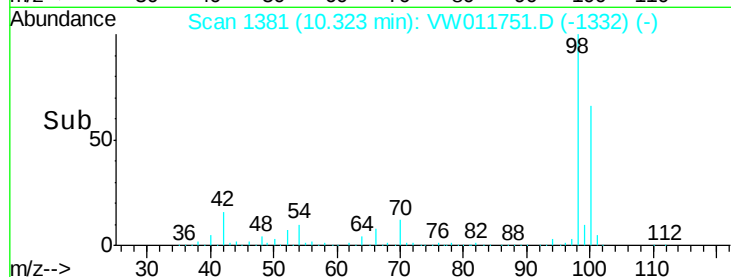
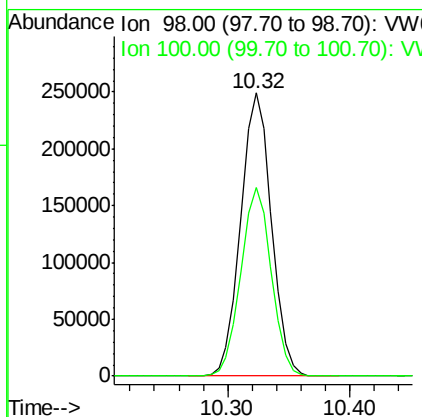
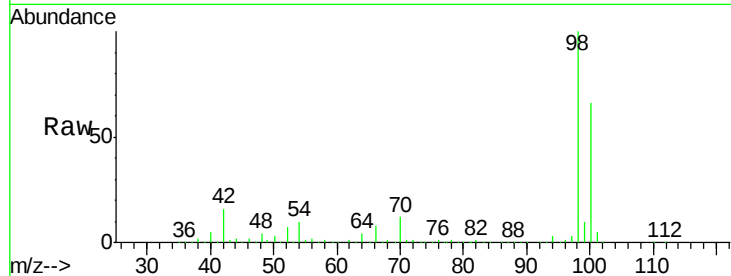




#50
Toluene-d8
Concen: 53.120 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011751.D
Acq: 07 Aug 2019 15:14

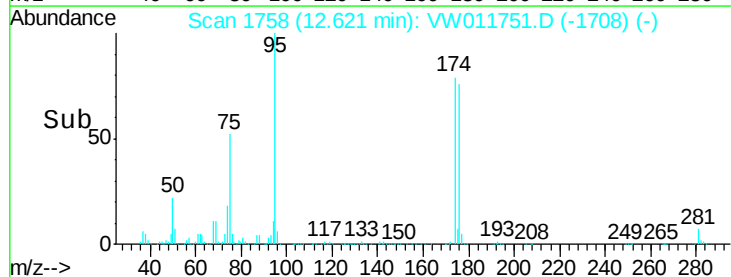
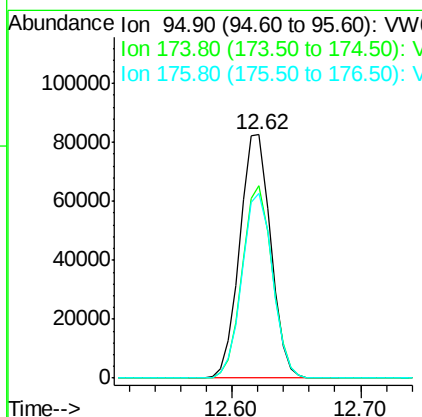
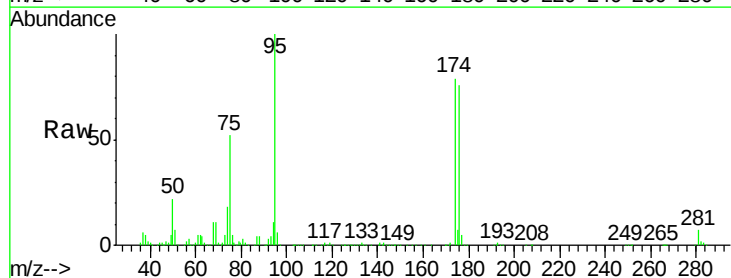
Instrument :
MSVOA_W
ClientSampleId :
SB-03(13-14)

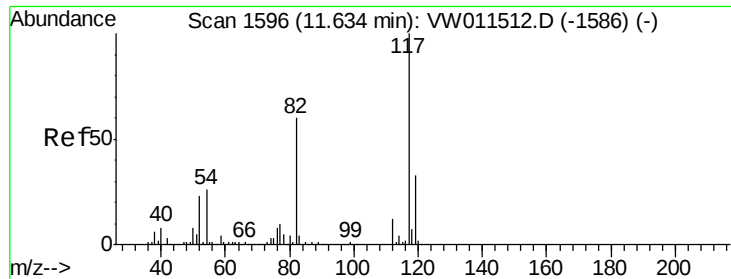
Tot Ion: 98 Resp: 434239
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.208 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011751.D
Acq: 07 Aug 2019 15:14

Tgt Ion: 95 Resp: 137585
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.2
176 75.1 0.0 144.4

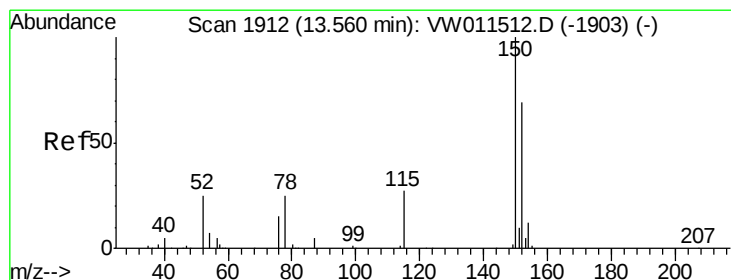
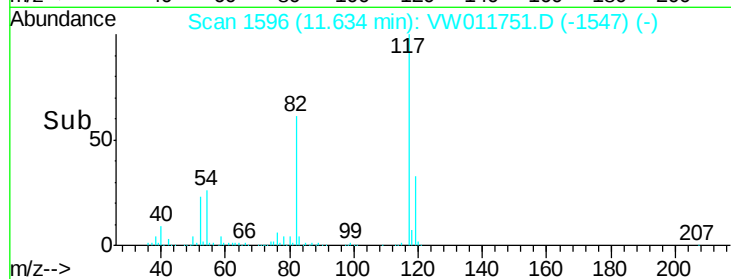
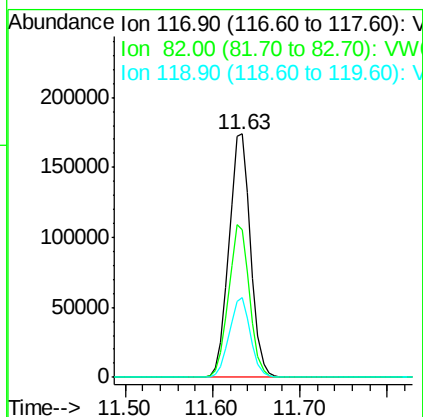
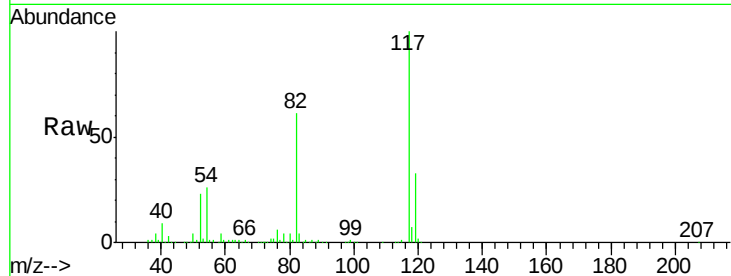




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011751.D
Acq: 07 Aug 2019 15:14

Instrument :
MSVOA_W
ClientSampleId :
SB-03(13-14)

Tot Ion:117 Resp: 297806
Ion Ratio Lower Upper
117 100
82 60.7 47.9 71.9
119 32.7 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: VW011751.D
Acq: 07 Aug 2019 15:14

Tgt Ion:152 Resp: 121312
Ion Ratio Lower Upper
152 100
115 59.9 30.5 91.5
150 156.8 0.0 352.6

