

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081719\
 Data File : VW011972.D
 Acq On : 16 Aug 2019 18:17
 Operator : SY/VA
 Sample : K4350-03
 Misc : 5.55G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SS-17A_081519

Quant Time: Aug 17 05:39:44 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	231617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	389516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131093	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	149498	56.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.42%	
35) Dibromofluoromethane	7.88	113	117929	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
50) Toluene-d8	10.32	98	474160	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
62) 4-Bromofluorobenzene	12.62	95	154048	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	

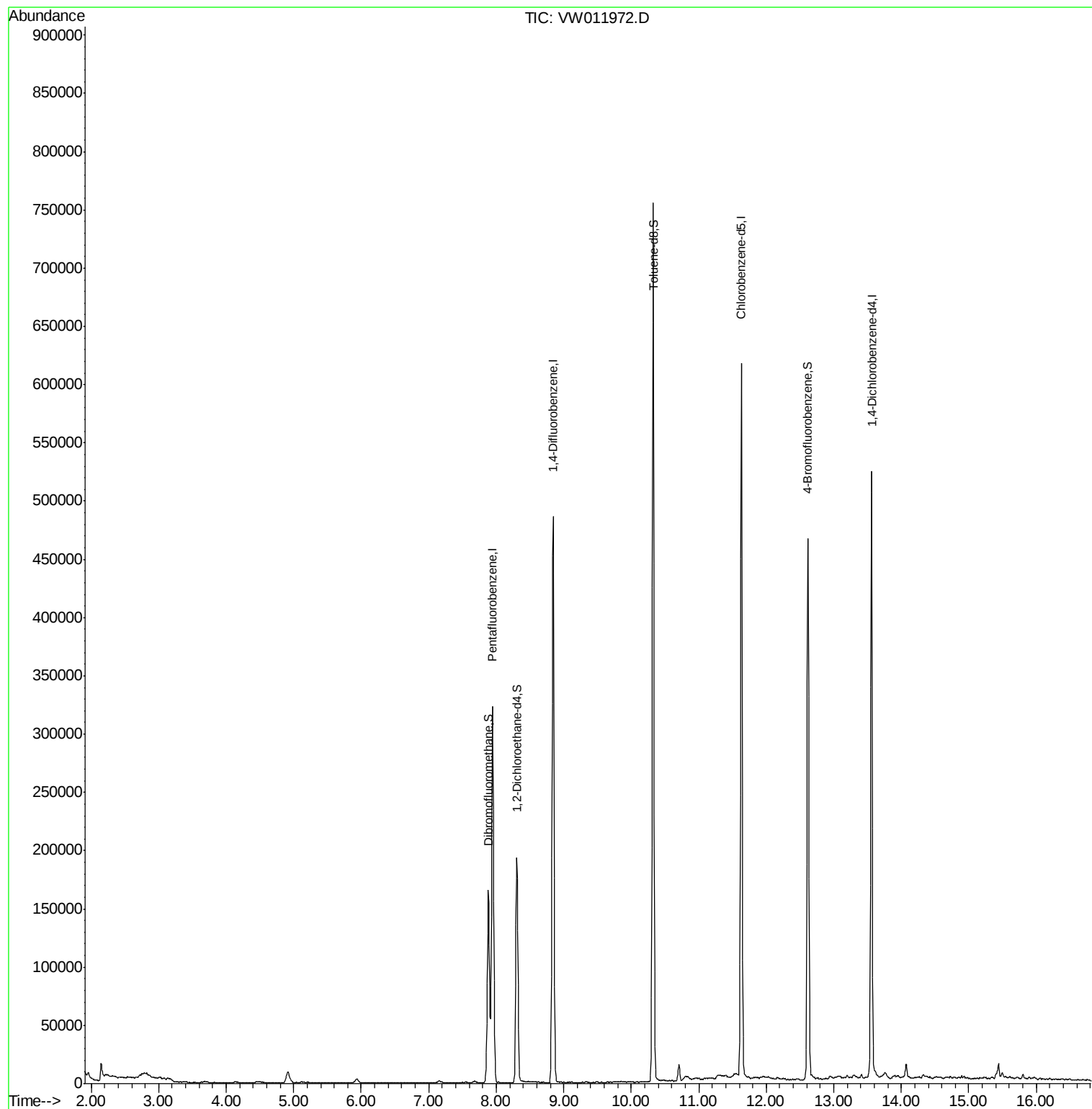
Target Compounds	Qvalue

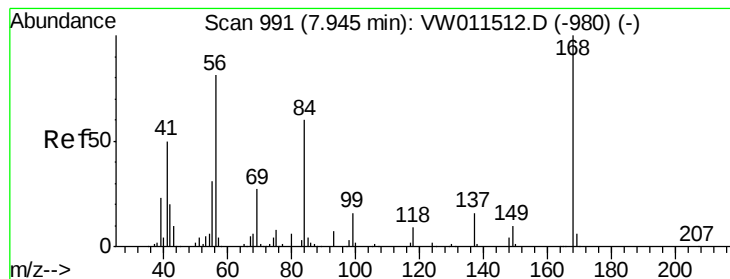
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081719\
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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: VW011972.D

Acq: 16 Aug 2019 18:17

Instrument :

MSVOA_W

ClientSampleId :

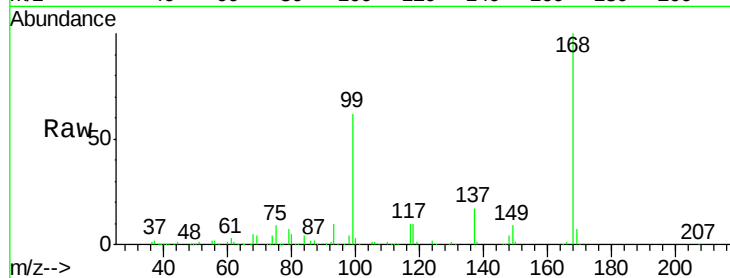
SS-17A_081519

Tot Ion:168 Resp: 231617

Ion Ratio Lower Upper

168 100

99 61.6 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

120000

100000

80000

60000

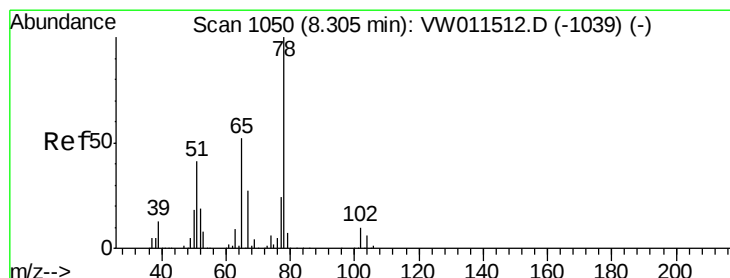
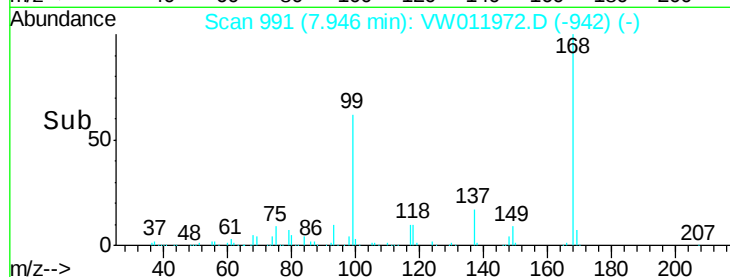
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.211 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011972.D

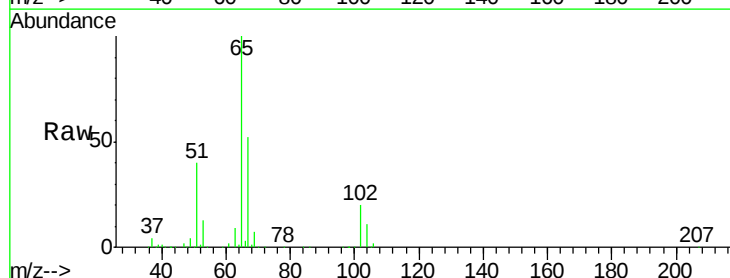
Acq: 16 Aug 2019 18:17

Tgt Ion: 65 Resp: 149498

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

60000

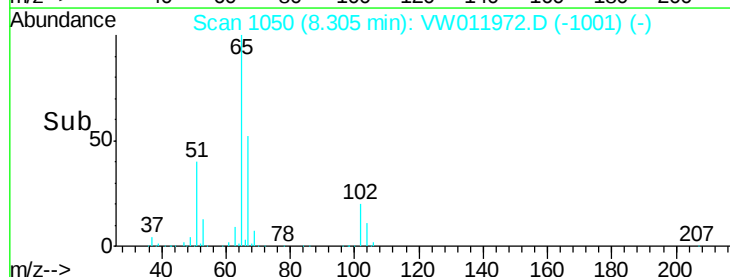
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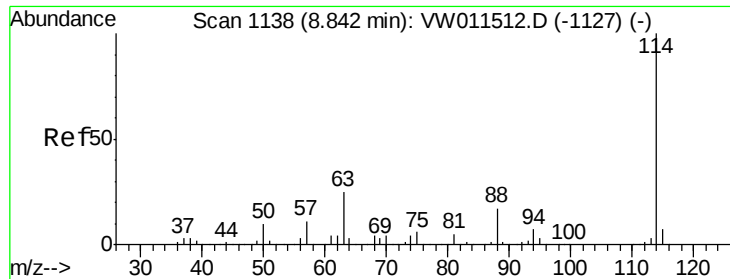
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0

8.20 8.30 8.40

Time-->

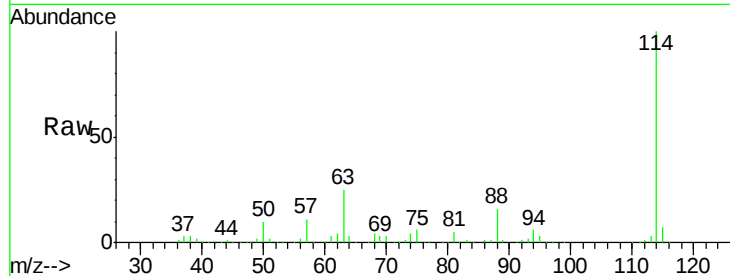




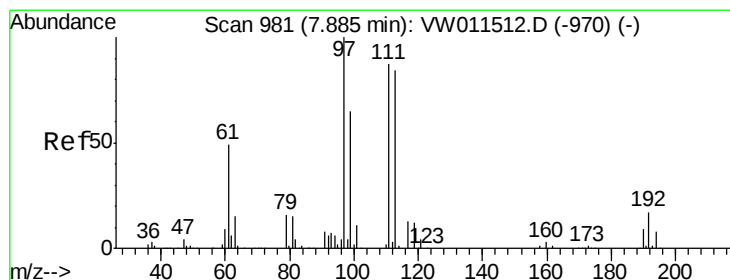
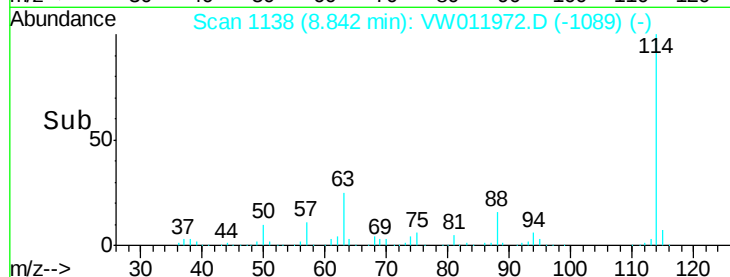
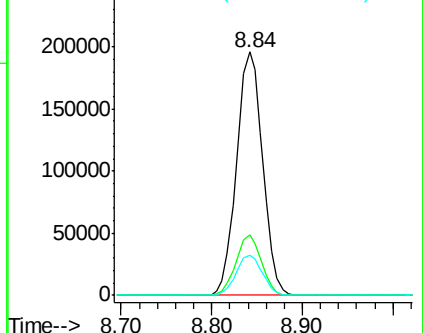
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011972.D
 Acq: 16 Aug 2019 18:17

Instrument :
 MSVOA_W
 ClientSampleId :
 SS-17A_081519

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	49.2
88	16.3	0.0	33.8

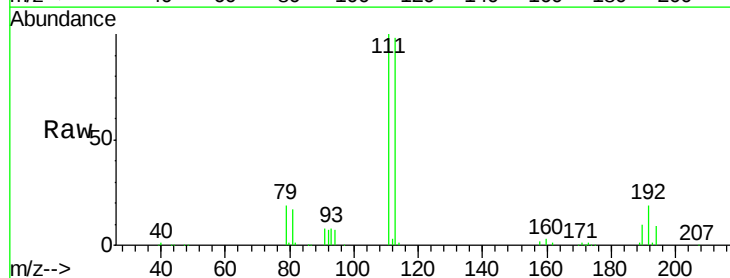


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

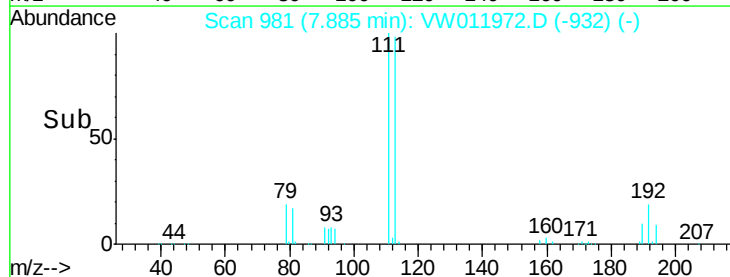
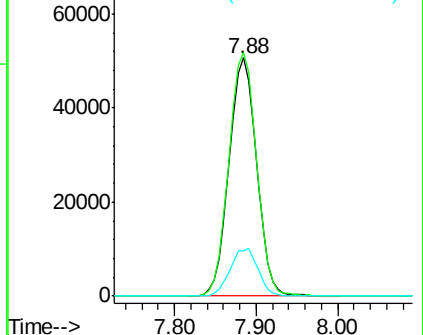


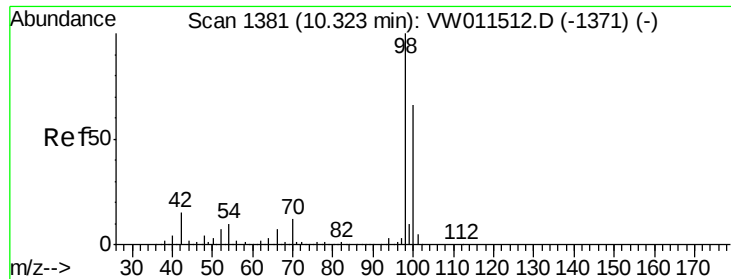
#35
 Dibromofluoromethane
 Concen: 53.966 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011972.D
 Acq: 16 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	20.1	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

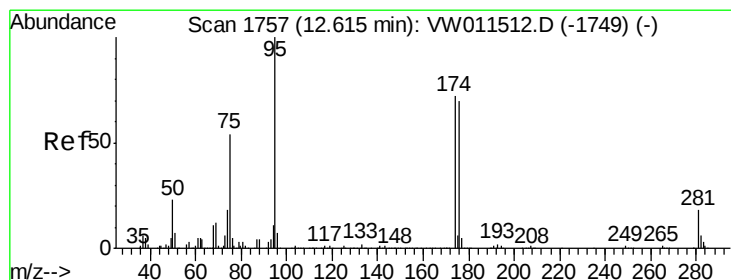
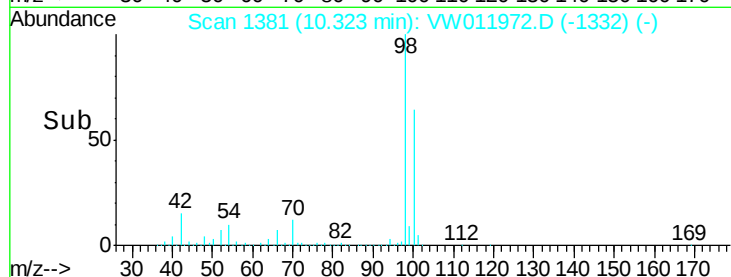
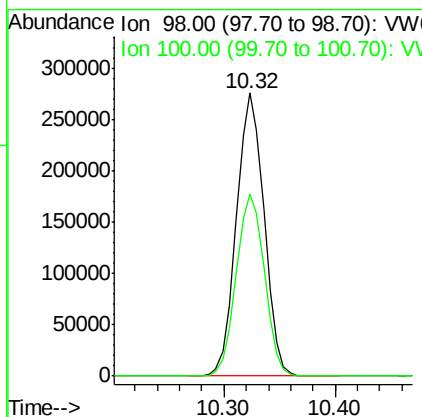
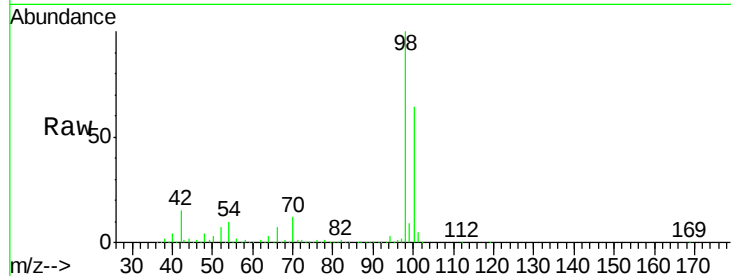




#50
Toluene-d8
Concen: 52.996 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011972.D
Acq: 16 Aug 2019 18:17

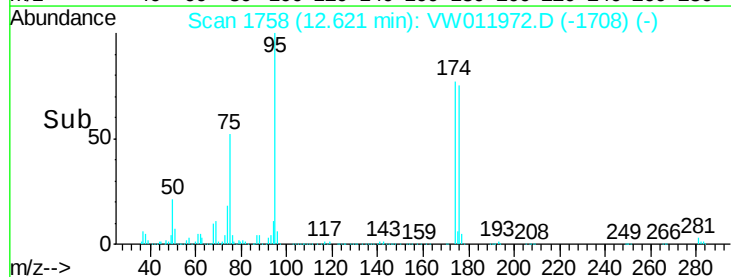
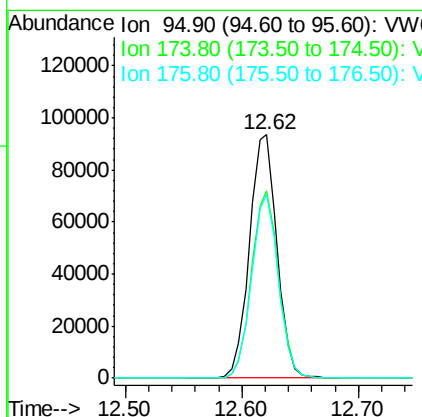
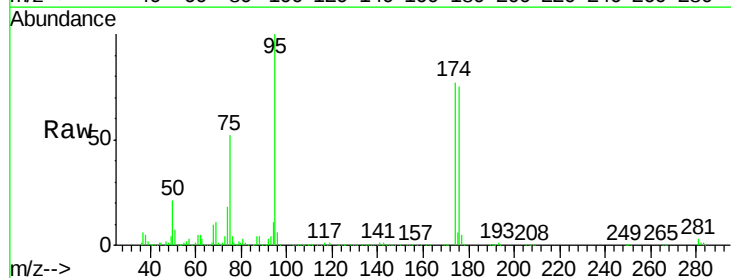
Instrument :
MSVOA_W
ClientSampleId :
SS-17A_081519

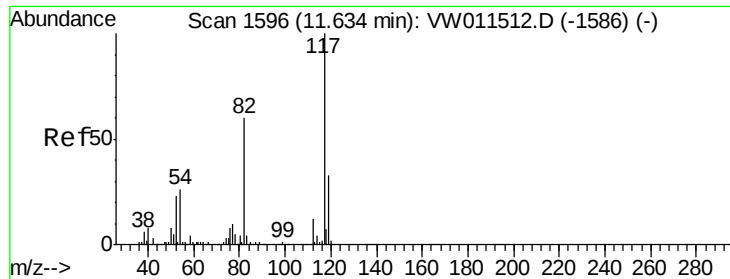
Tot Ion: 98 Resp: 474160
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 48.294 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011972.D
Acq: 16 Aug 2019 18:17

Tgt Ion: 95 Resp: 154048
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.2
176 73.4 0.0 144.4

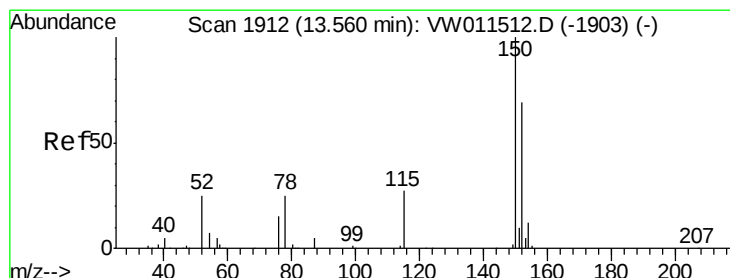
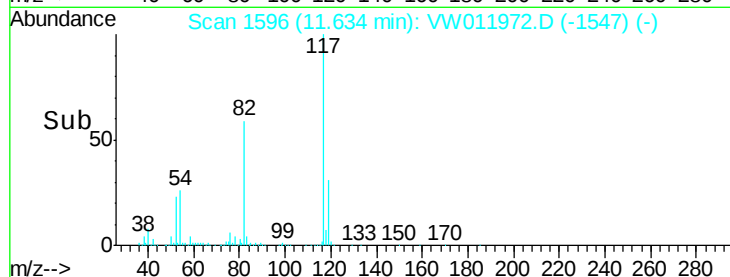
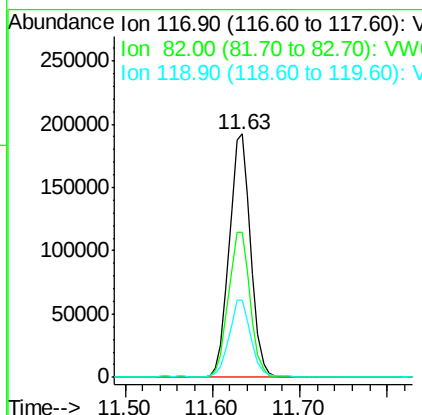
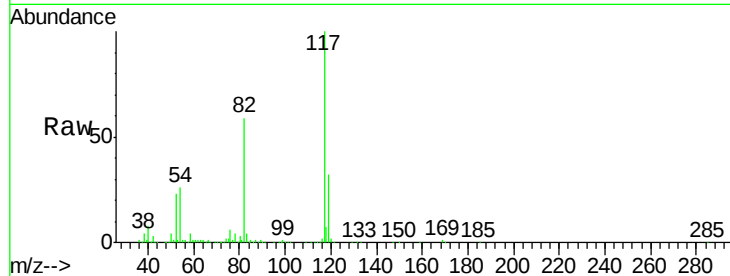




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011972.D
Acq: 16 Aug 2019 18:17

Instrument :
MSVOA_W
ClientSampleId :
SS-17A_081519

Tot Ion:117 Resp: 326653
Ion Ratio Lower Upper
117 100
82 59.4 47.9 71.9
119 31.4 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: VW011972.D
Acq: 16 Aug 2019 18:17

Tgt Ion:152 Resp: 131093
Ion Ratio Lower Upper
152 100
115 60.4 30.5 91.5
150 156.1 0.0 352.6

