

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011452.D
 Acq On : 24 Jul 2019 00:53
 Operator : SY/VA
 Sample : K3916-02
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GIS-BUILDING-2

Quant Time: Jul 24 07:30:45 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	235733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135685	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148327	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.88	113	115716	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	10.32	98	485297	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.62	95	180906	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

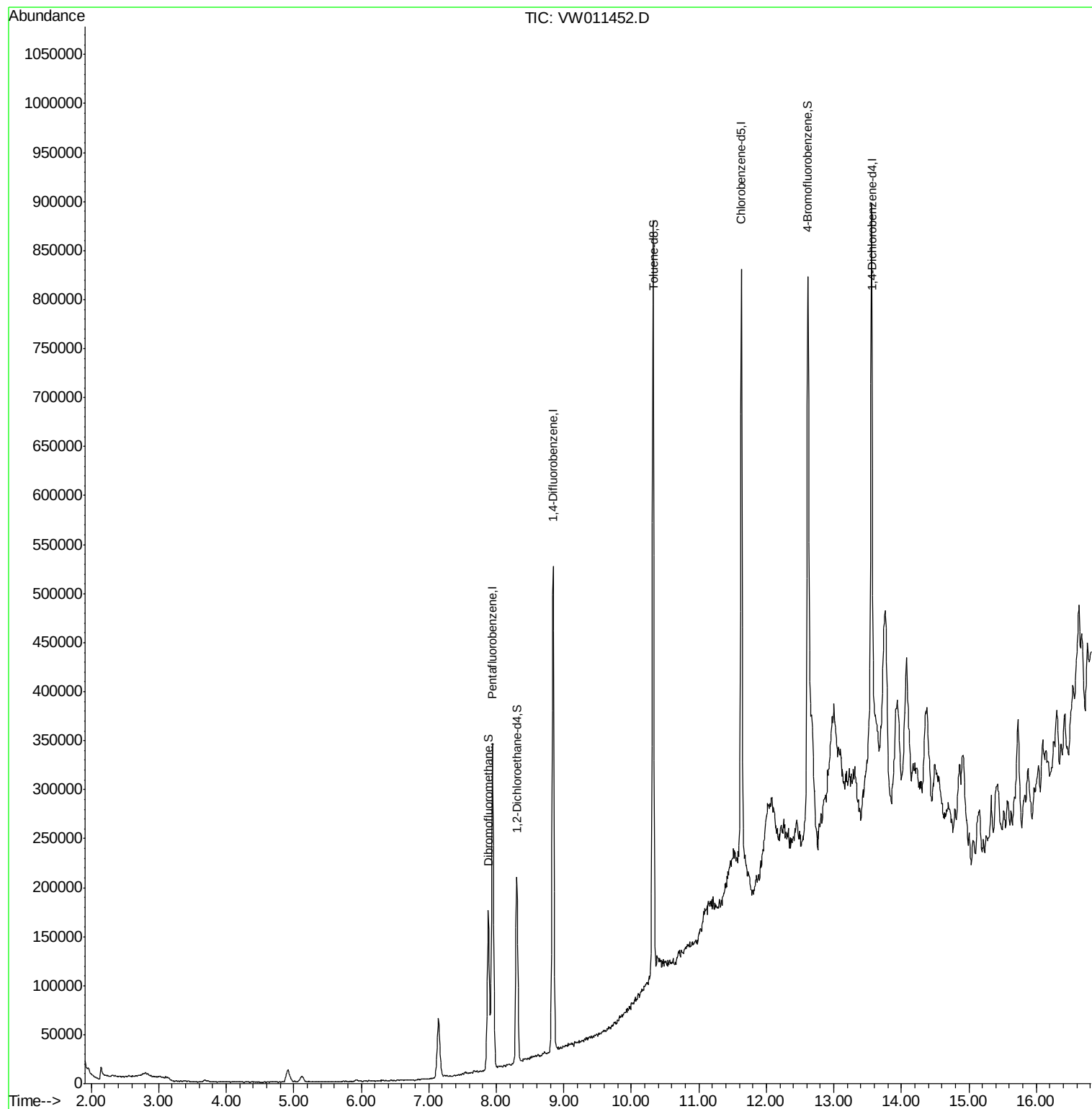
Target Compounds	Qvalue

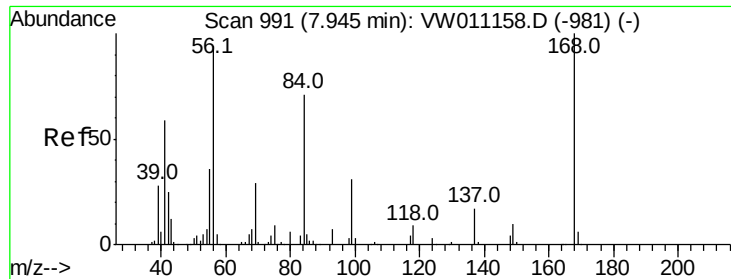
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW011452.D

Acq: 24 Jul 2019 00:53

Instrument :

MSVOA_W

ClientSampleId :

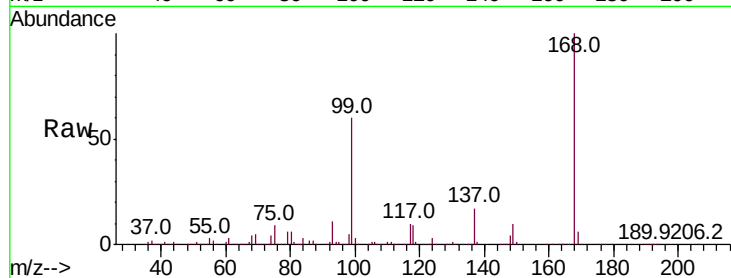
GIS-BUILDING-2

Tot Ion:168 Resp: 235733

Ion Ratio Lower Upper

168 100

99 60.5 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

120000

100000

80000

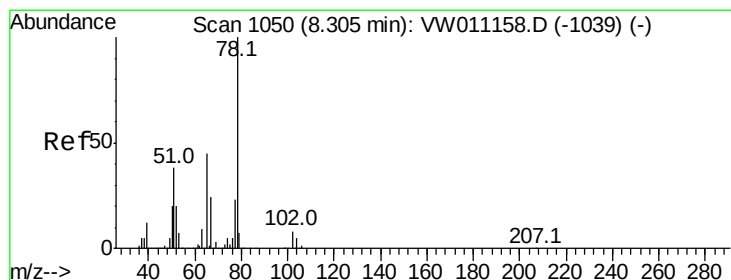
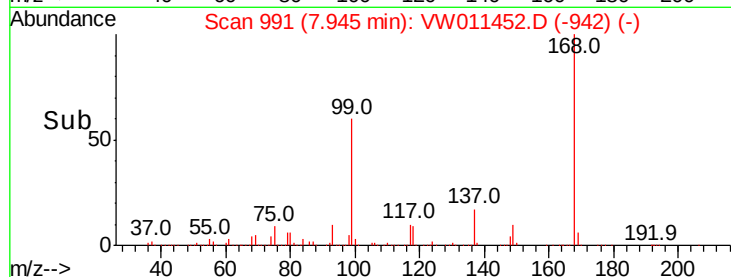
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 50.075 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011452.D

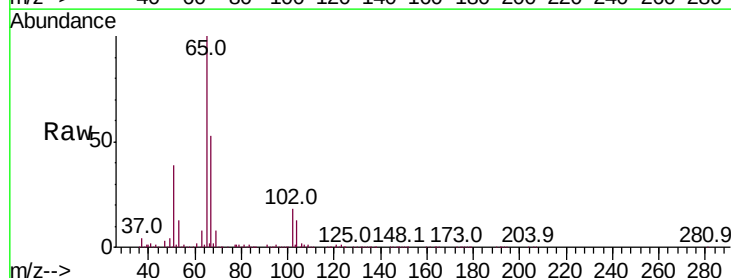
Acq: 24 Jul 2019 00:53

Tgt Ion: 65 Resp: 148327

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

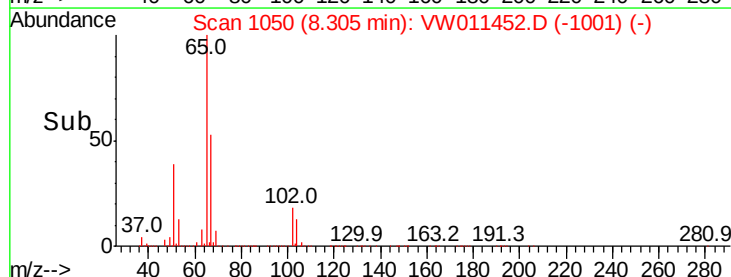
60000

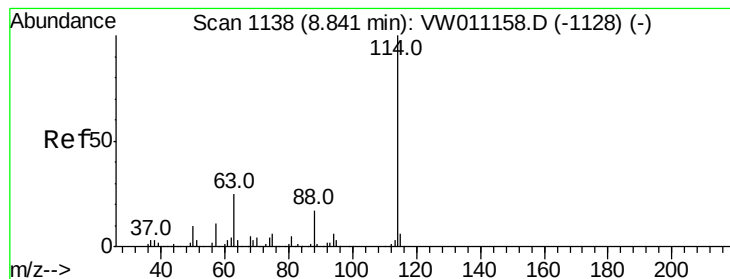
40000

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: VW011452.D

Acq: 24 Jul 2019 00:53

Instrument :

MSVOA_W

ClientSampleId :

GIS-BUILDING-2

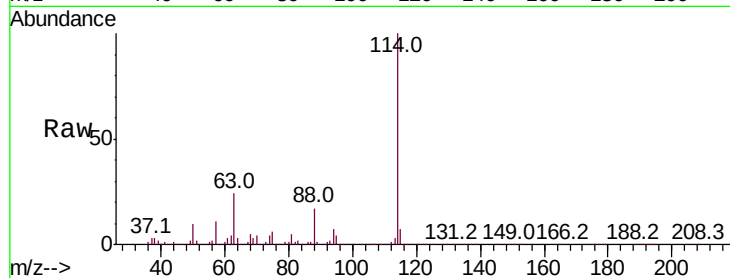
Tot Ion:114 Resp: 393591

Ion Ratio Lower Upper

114 100

63 24.1 0.0 50.8

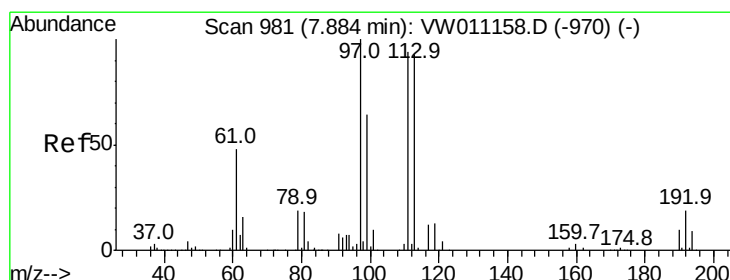
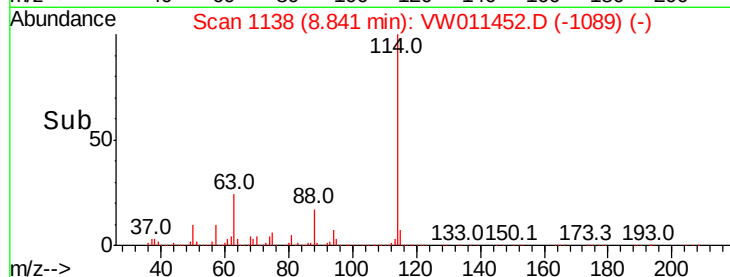
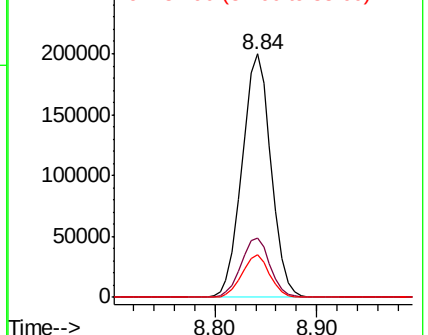
88 17.5 0.0 34.2



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: 49.325 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011452.D

Acq: 24 Jul 2019 00:53

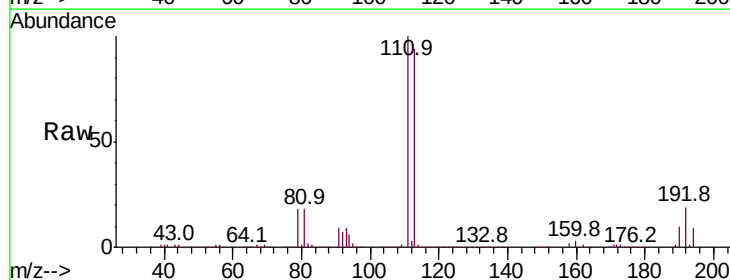
Tgt Ion:113 Resp: 115716

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

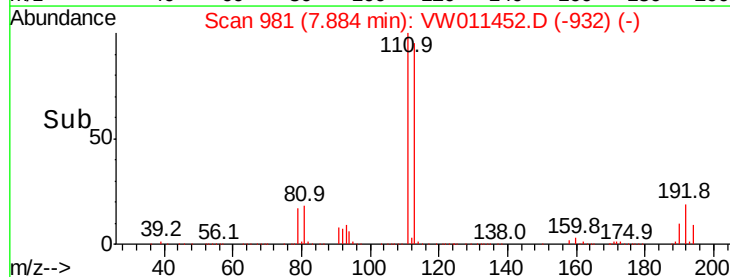
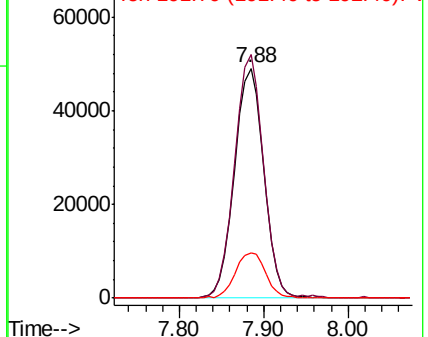
192 20.8 15.8 23.8

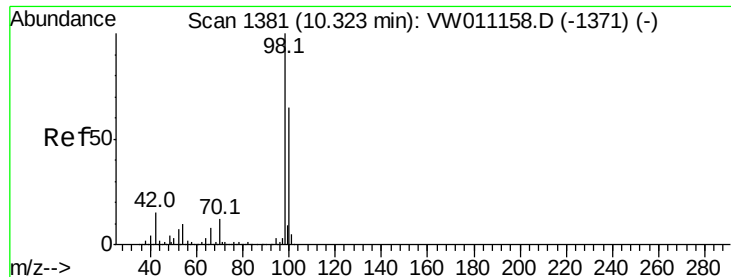


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

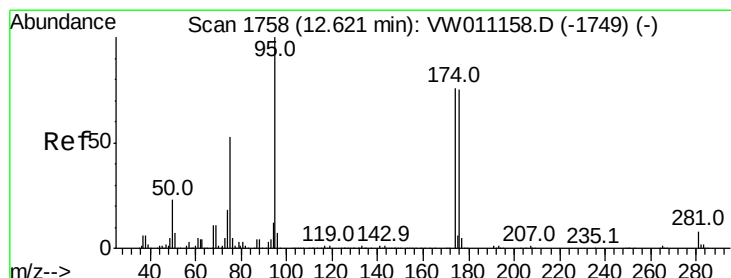
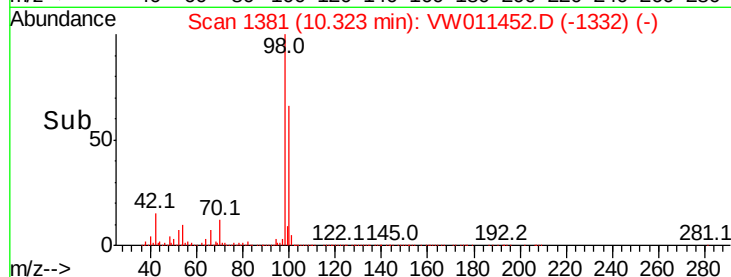
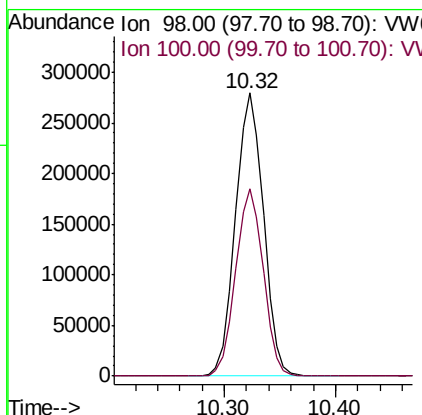
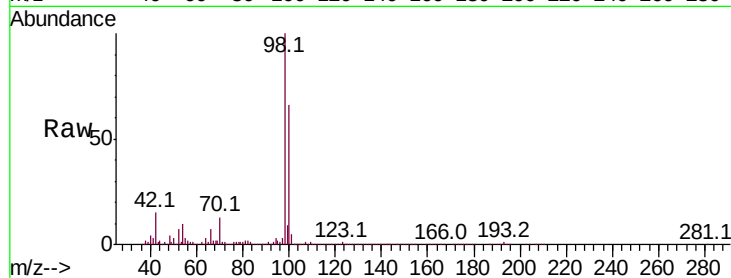




#50
Toluene-d8
Concen: 51.177 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011452.D
Acq: 24 Jul 2019 00:53

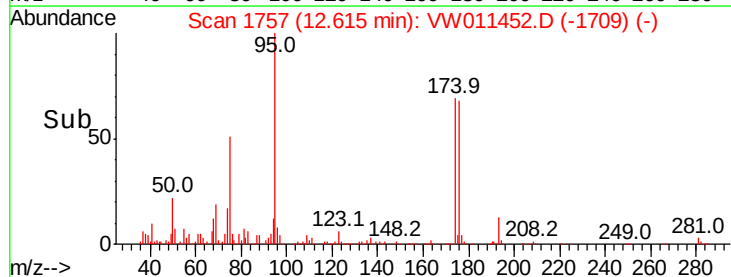
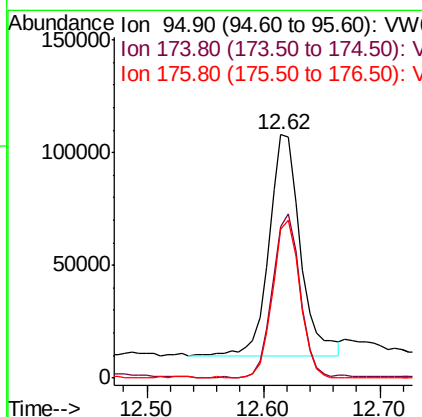
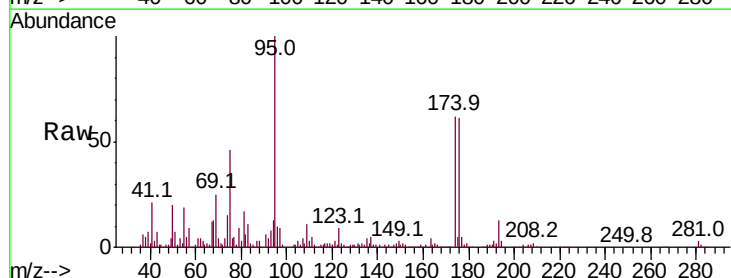
Instrument :
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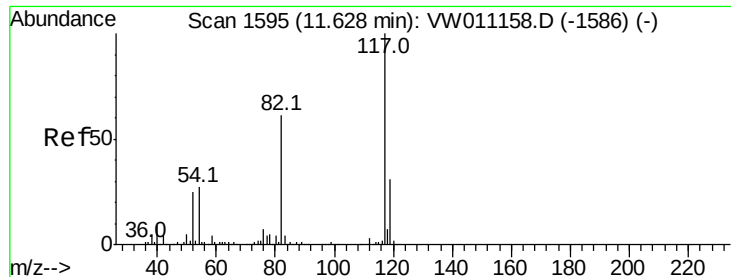
Tot Ion: 98 Resp: 485297
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.048 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011452.D
Acq: 24 Jul 2019 00:53

Tgt Ion: 95 Resp: 180906
Ion Ratio Lower Upper
95 100
174 65.8 0.0 147.6
176 62.0 0.0 144.6

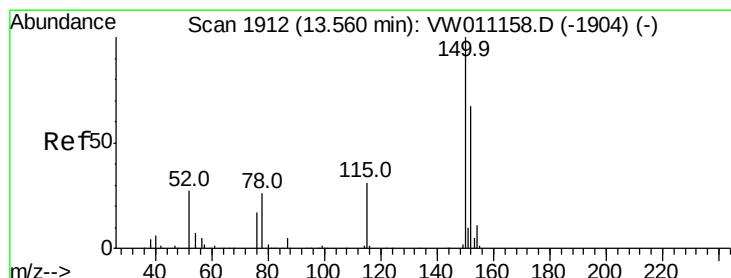
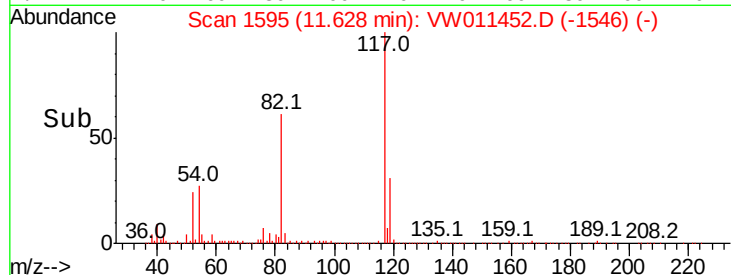
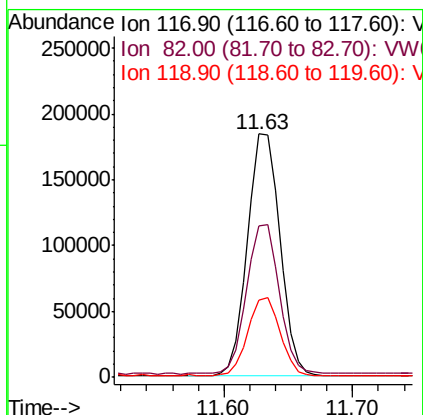
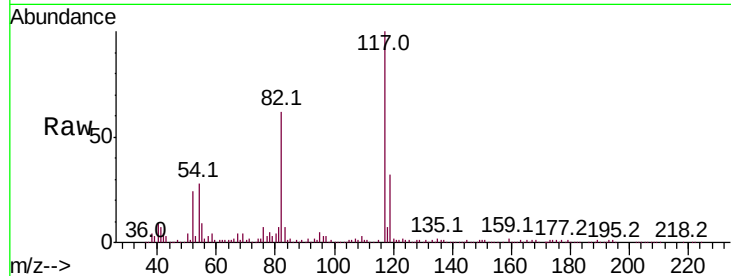




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011452.D
Acq: 24 Jul 2019 00:53

Instrument :
MSVOA_W
ClientSampleId :
GIS-BUILDING-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	48.9	73.3
119	31.1	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: VW011452.D
Acq: 24 Jul 2019 00:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	30.1	90.3
150	149.1	0.0	346.0

