

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011451.D
 Acq On : 24 Jul 2019 00:26
 Operator : SY/VA
 Sample : K3916-01RE
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GIS-BUILDING-1RE

Quant Time: Jul 24 07:27:27 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	244741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	51873	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	156204	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	7.88	113	124219	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.32	98	447268	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
62) 4-Bromofluorobenzene	12.62	95	87384	24.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.54%	

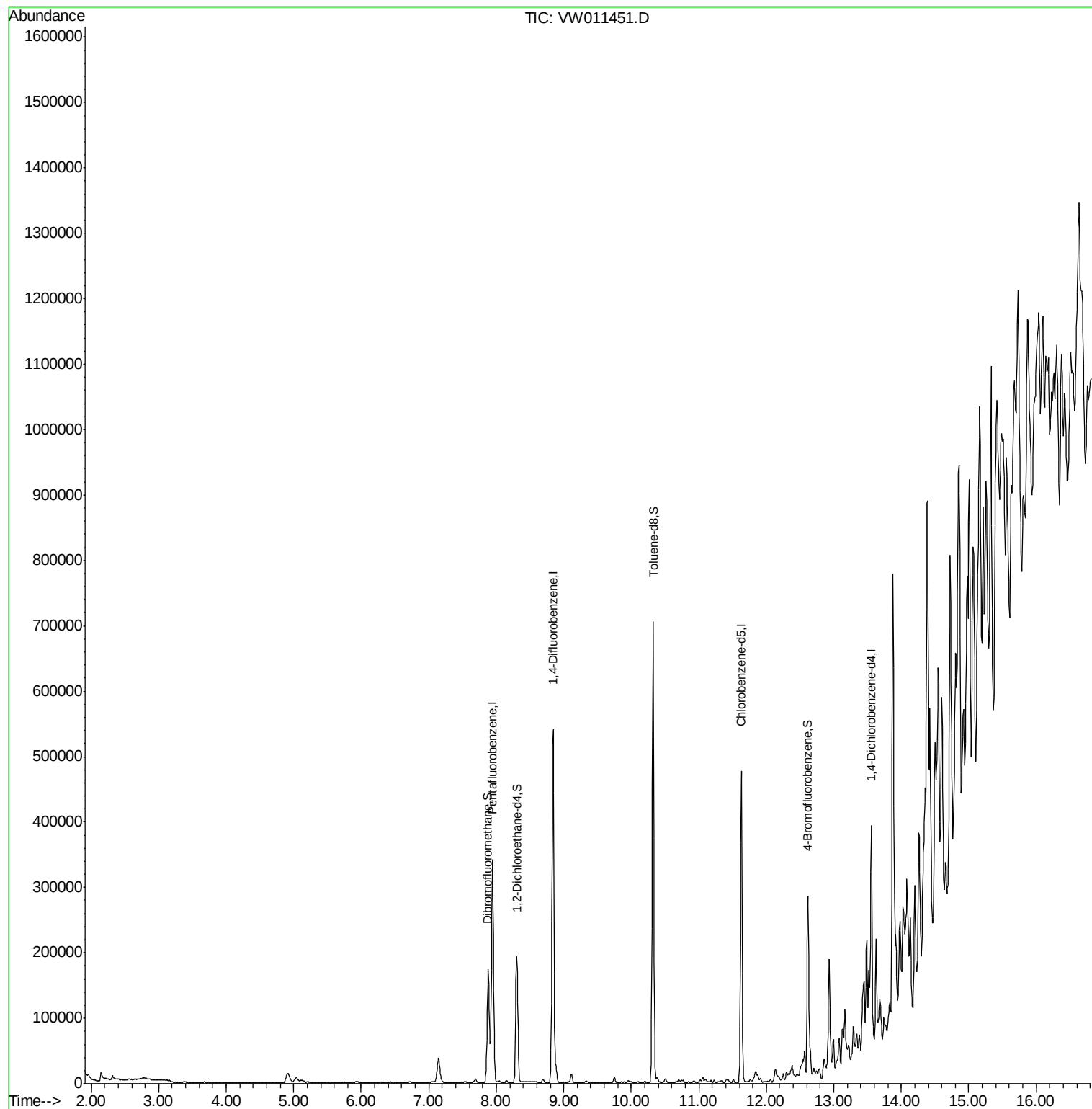
Target Compounds	Qvalue

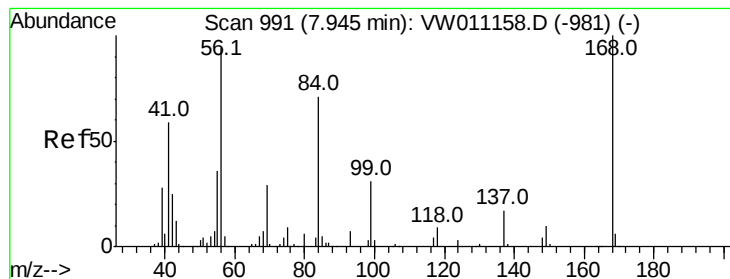
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011451.D

Acq: 24 Jul 2019 00:26

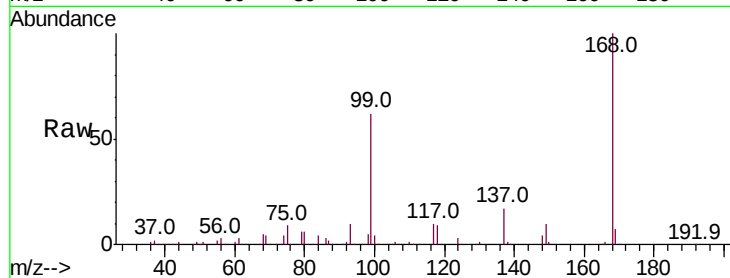
Instrument :
MSVOA_W
ClientSampleId :
GIS-BUILDING-1RE

Tot Ion:168 Resp: 244741

Ion Ratio Lower Upper

168 100

99 62.2 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

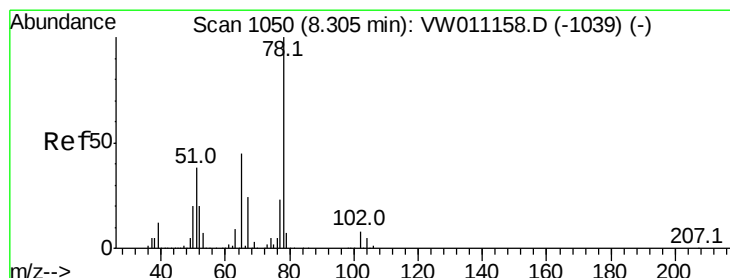
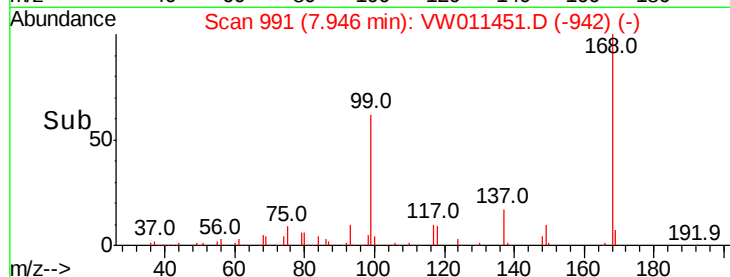
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.794 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011451.D

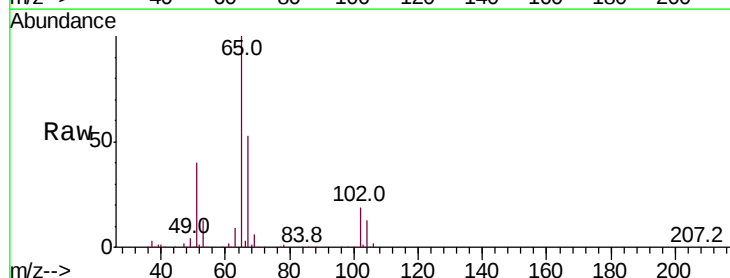
Acq: 24 Jul 2019 00:26

Tgt Ion: 65 Resp: 156204

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

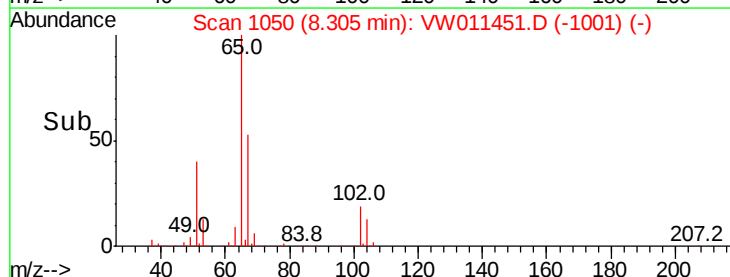
60000

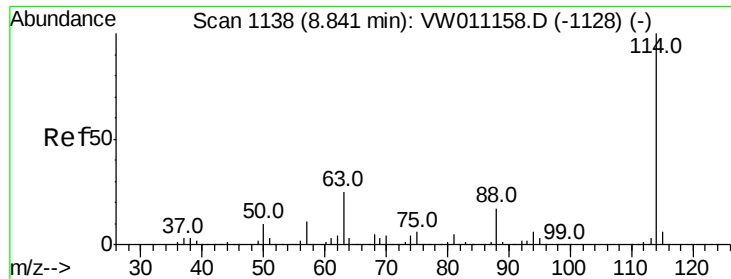
40000

20000

0

Time-->

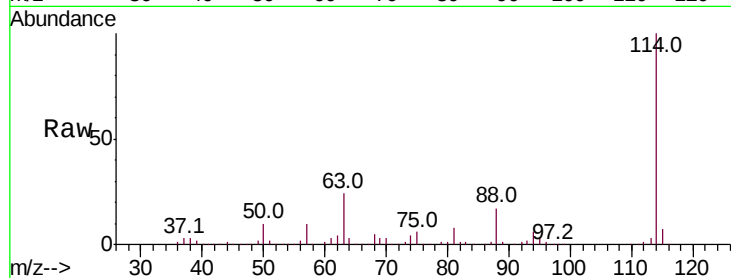




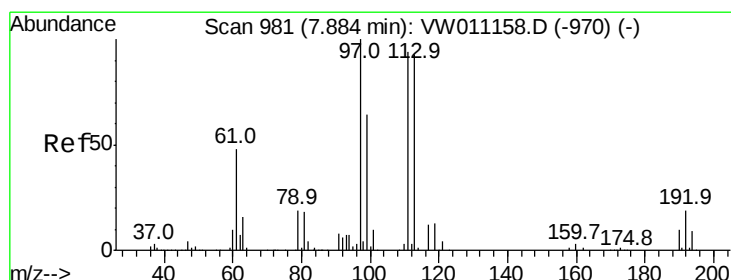
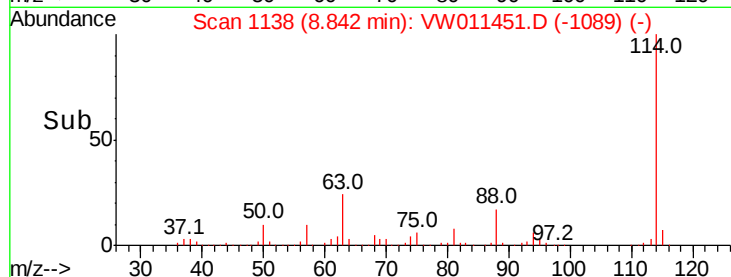
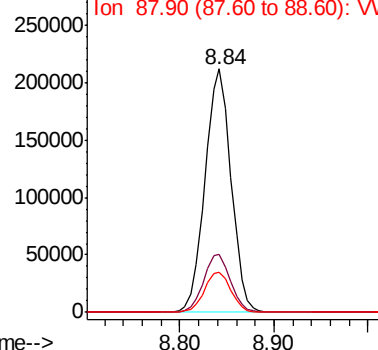
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011451.D
Acq: 24 Jul 2019 00:26

Instrument :
MSVOA_W
ClientSampleId :
GIS-BUILDING-1RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	50.8
88	16.6	0.0	34.2

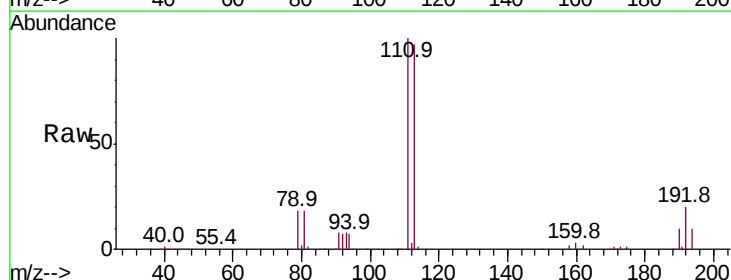


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

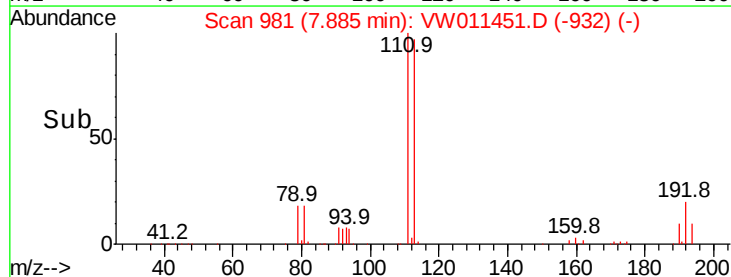
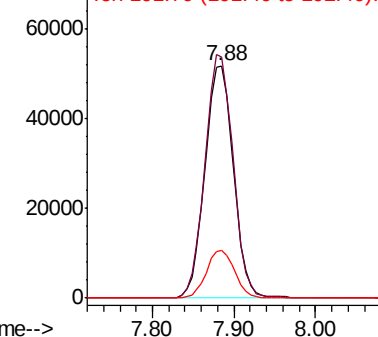


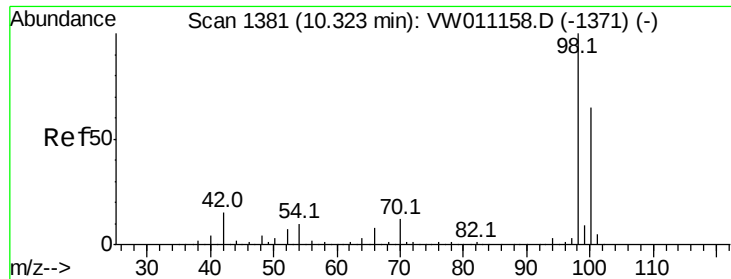
#35
Dibromofluoromethane
Concen: 51.122 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW011451.D
Acq: 24 Jul 2019 00:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.4	123.6
192	20.2	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: 45.538 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011451.D

Acq: 24 Jul 2019 00:26

Instrument :

MSVOA_W

ClientSampleId :

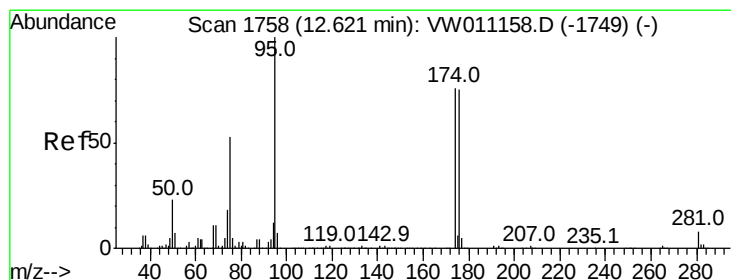
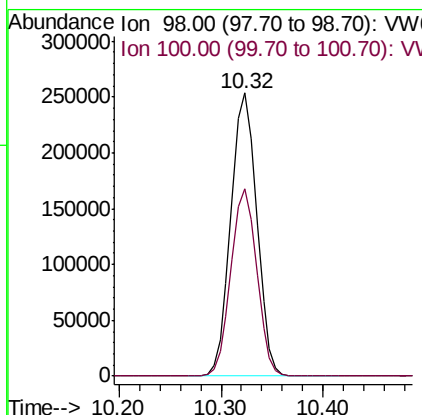
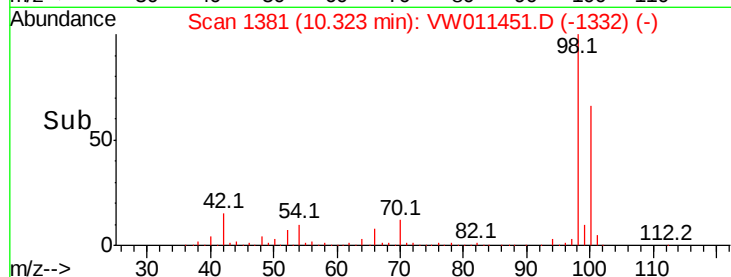
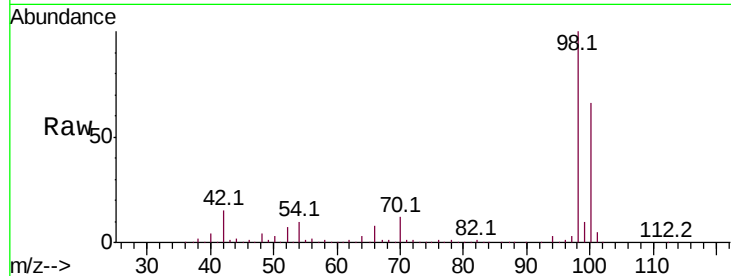
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Tot Ion: 98 Resp: 447268

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 24.273 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011451.D

Acq: 24 Jul 2019 00:26

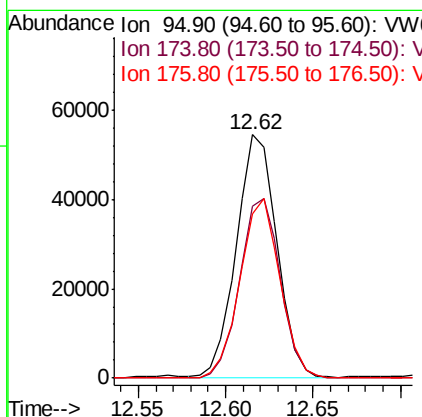
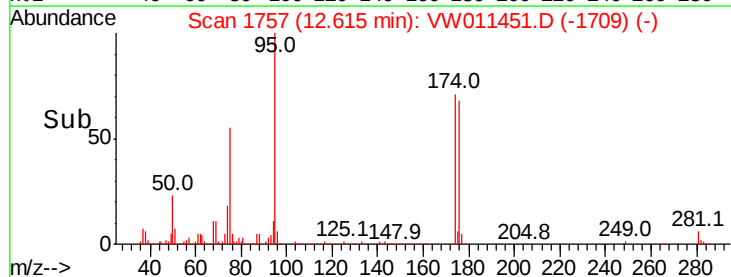
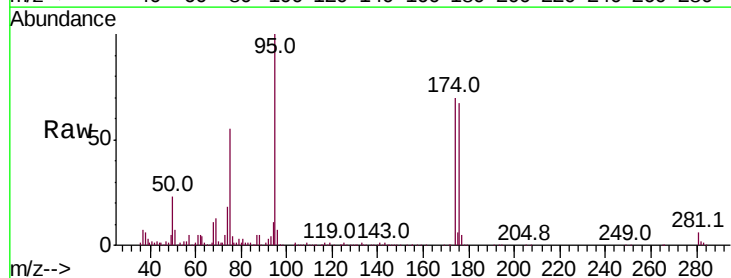
Tgt Ion: 95 Resp: 87384

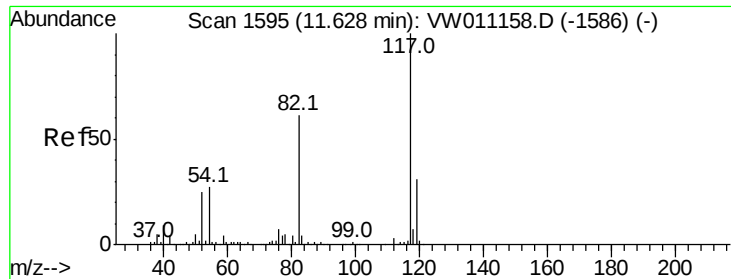
Ion Ratio Lower Upper

95 100

174 74.7 0.0 147.6

176 73.5 0.0 144.6

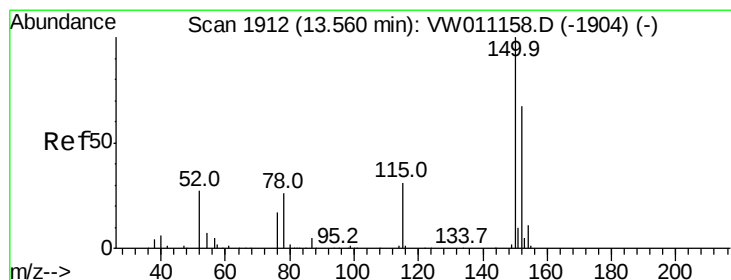
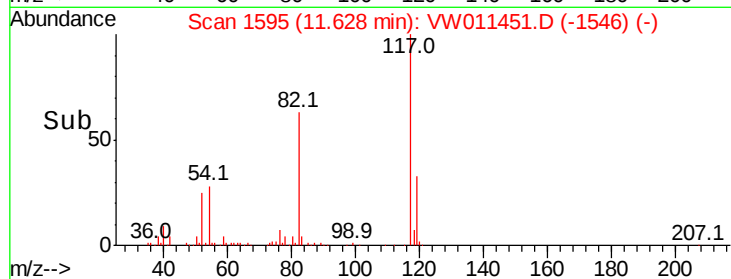
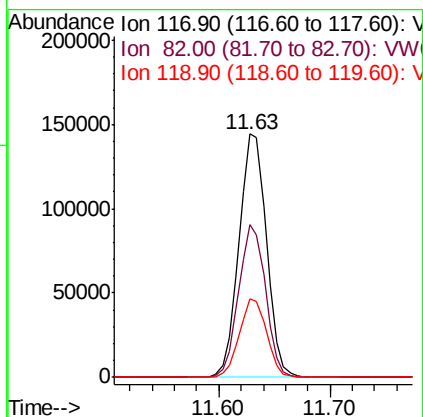
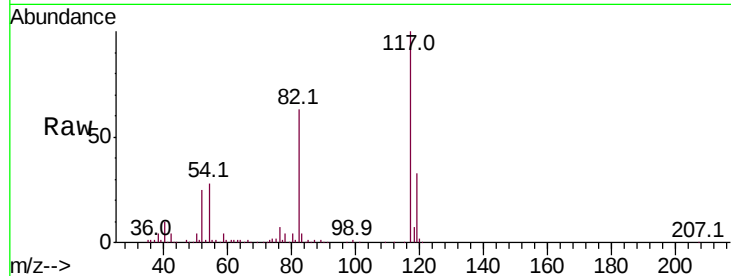




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011451.D
Acq: 24 Jul 2019 00:26

Instrument :
MSVOA_W
ClientSampleId :
GIS-BUILDING-1RE

Tot Ion:117 Resp: 246930
Ion Ratio Lower Upper
117 100
82 62.5 48.9 73.3
119 32.5 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW011451.D
Acq: 24 Jul 2019 00:26

Tgt Ion:152 Resp: 51873
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.3
150 148.5 0.0 346.0

