

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072219\
 Data File : VD063181.D
 Acq On : 22 Jul 2019 17:09
 Operator : VA/AP
 Sample : K3916-03
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GIS-BUILDING-3

Quant Time: Jul 23 08:31:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1052534	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1483893	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1299183	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	607659	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	739902	56.43	ug/l	0.02
Spiked Amount	50.000		Recovery	=	112.86%	
35) Dibromofluoromethane	6.94	113	816689	55.26	ug/l	0.02
Spiked Amount	50.000		Recovery	=	110.52%	
50) Toluene-d8	10.42	98	1838213	57.90	ug/l	0.02
Spiked Amount	50.000		Recovery	=	115.80%	
62) 4-Bromofluorobenzene	13.56	95	701421	47.76	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.52%	

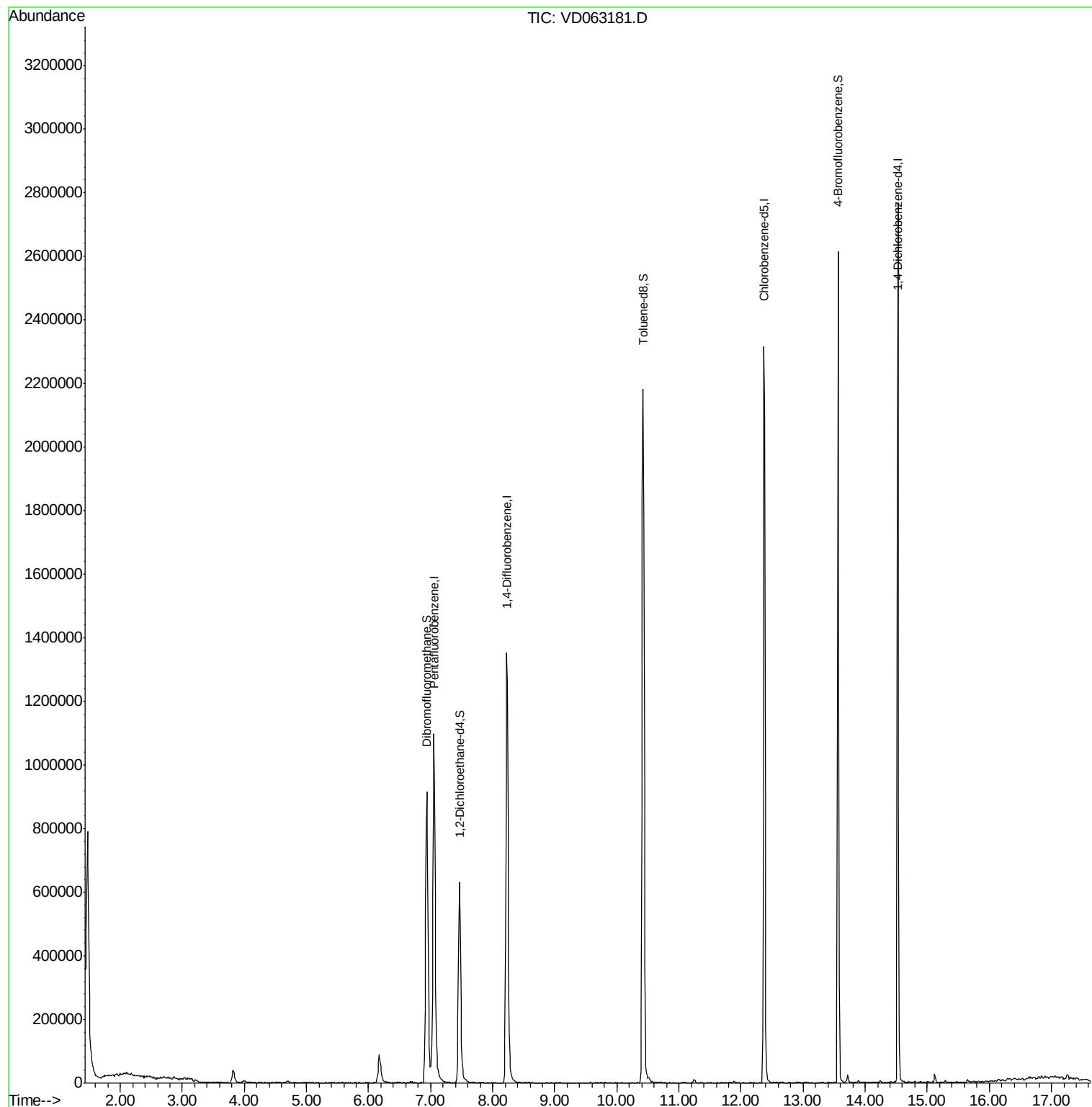
Target Compounds	Qvalue

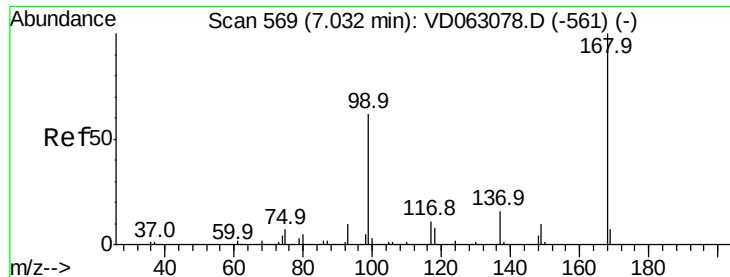
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063181.D

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Instrument :

MSVOA_D

ClientSampleId :

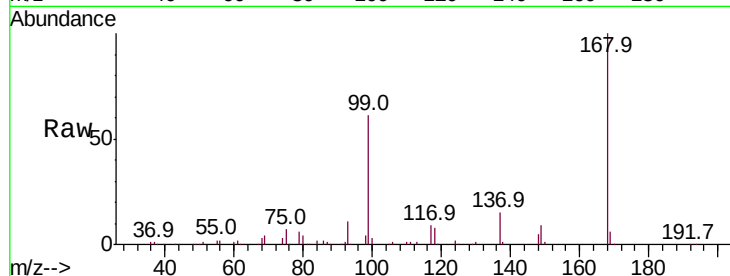
GIS-BUILDING-3

Tot Ion:168 Resp: 1052534

Ion Ratio Lower Upper

168 100

99 61.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

400000

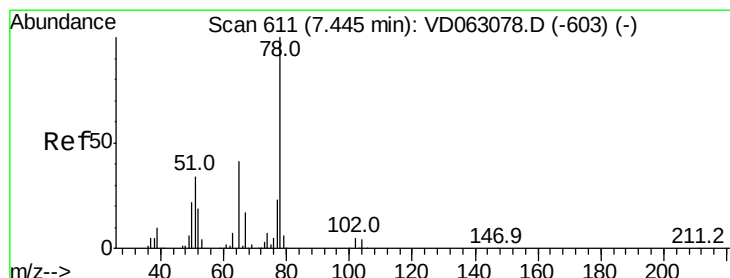
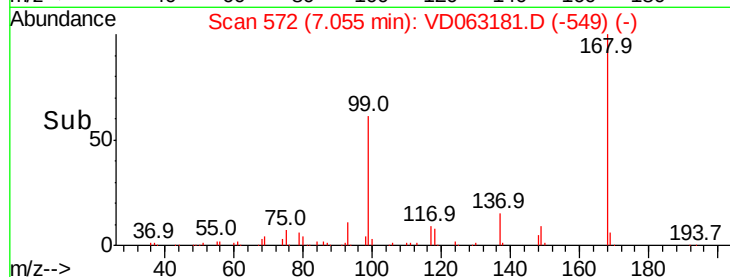
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 56.432 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD063181.D

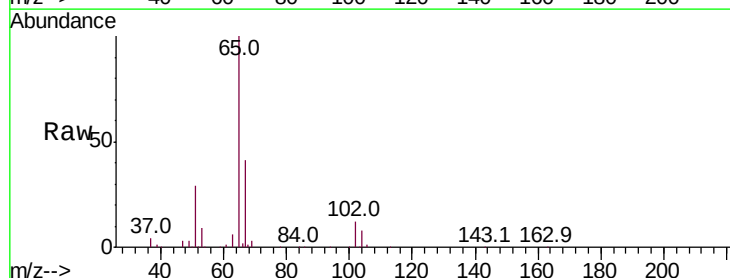
Acq: 22 Jul 2019 17:09

Tgt Ion: 65 Resp: 739902

Ion Ratio Lower Upper

65 100

67 40.6 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

300000

250000

200000

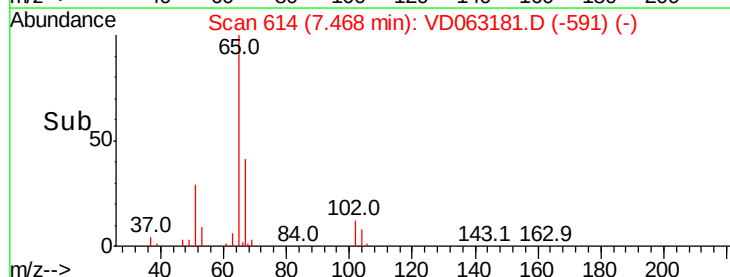
150000

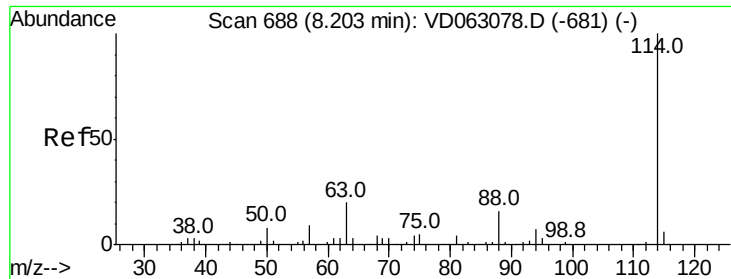
100000

50000

0

Time--> 7.30 7.40 7.50 7.60 7.70

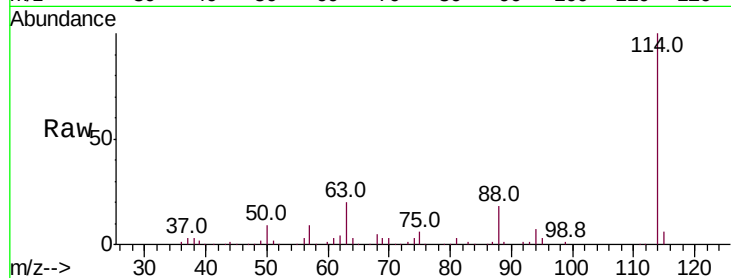




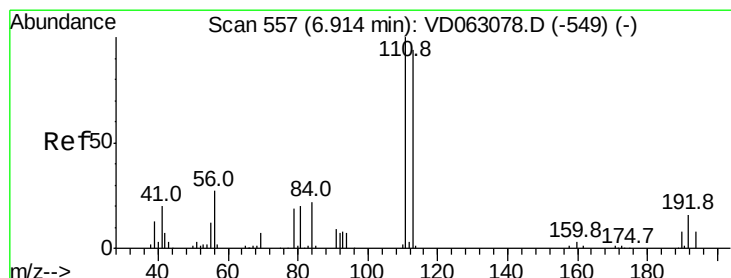
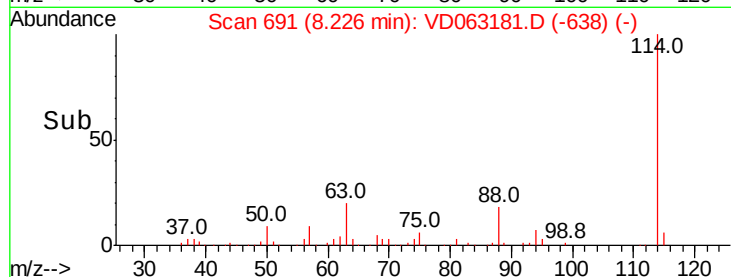
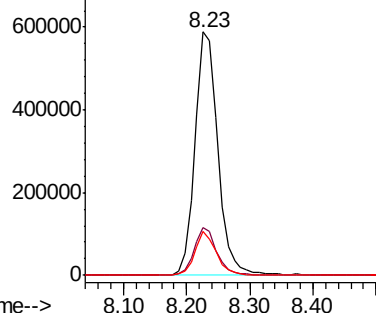
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063181.D
 Acq: 22 Jul 2019 17:09

Instrument :
 MSVOA_D
 ClientSampleId :
 GIS-BUILDING-3

Tot Ion:114 Resp: 1483893
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.6
 88 17.8 0.0 32.6

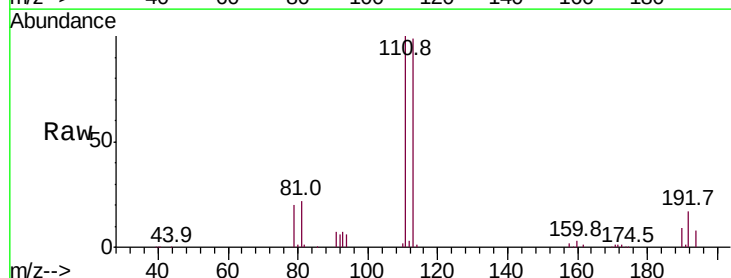


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

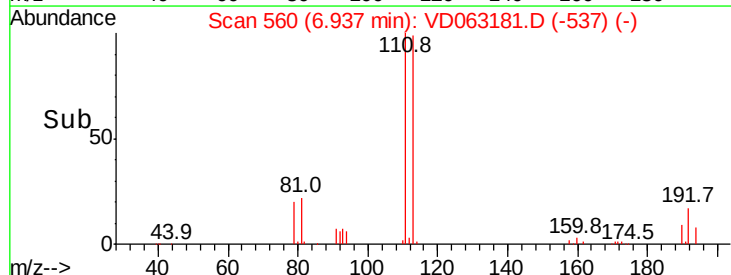
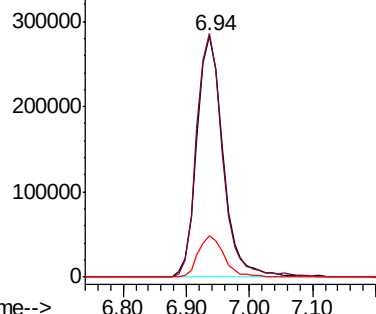


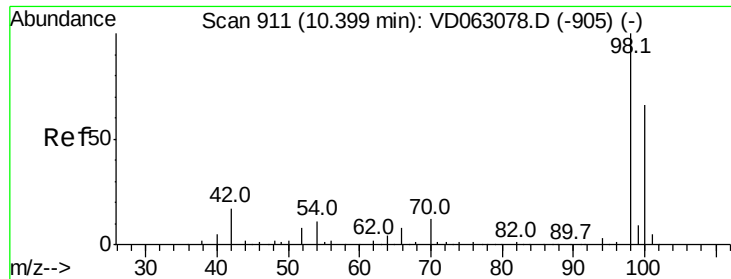
#35
 Dibromofluoromethane
 Concen: 55.257 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.02 min
 Lab File: VD063181.D
 Acq: 22 Jul 2019 17:09

Tgt Ion:113 Resp: 816689
 Ion Ratio Lower Upper
 113 100
 111 100.8 84.8 127.2
 192 17.1 13.4 20.0



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

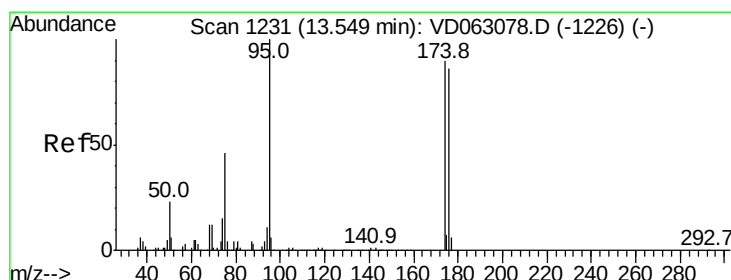
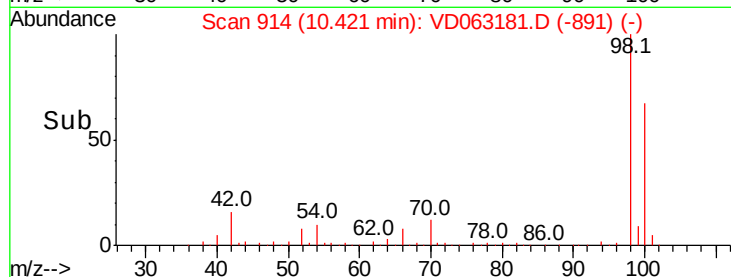
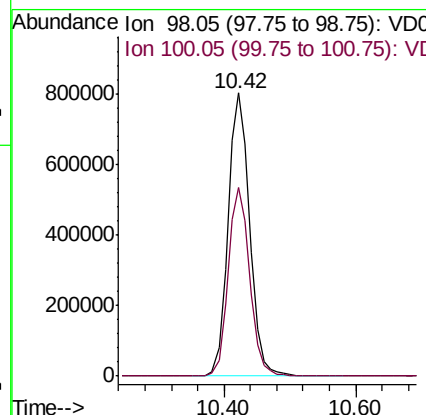
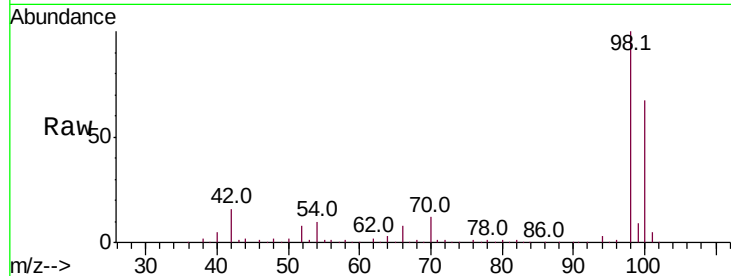




#50
Toluene-d8
Concen: 57.901 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD063181.D
Acq: 22 Jul 2019 17:09

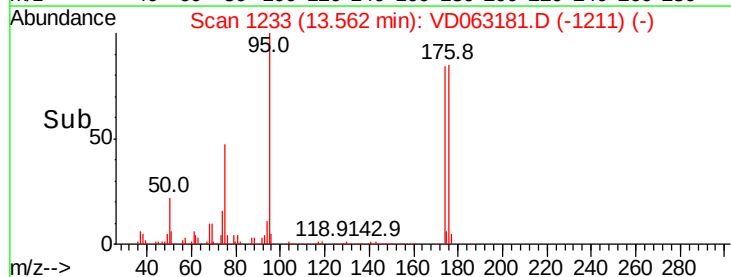
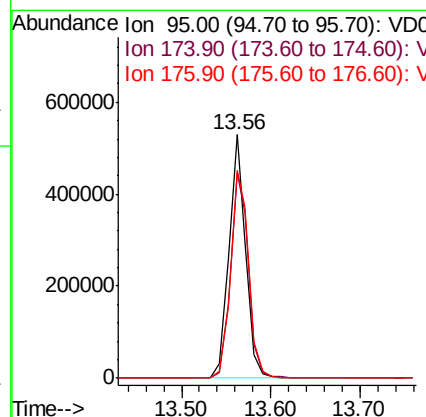
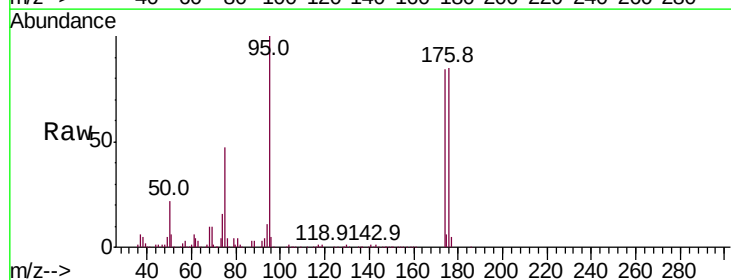
Instrument :
MSVOA_D
ClientSampleId :
GIS-BUILDING-3

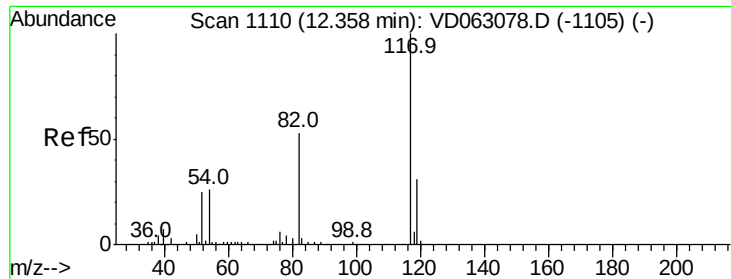
Tot Ion: 98 Resp: 1838213
Ion Ratio Lower Upper
98 100
100 66.6 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 47.756 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063181.D
Acq: 22 Jul 2019 17:09

Tgt Ion: 95 Resp: 701421
Ion Ratio Lower Upper
95 100
174 84.4 0.0 180.6
176 85.4 0.0 172.2

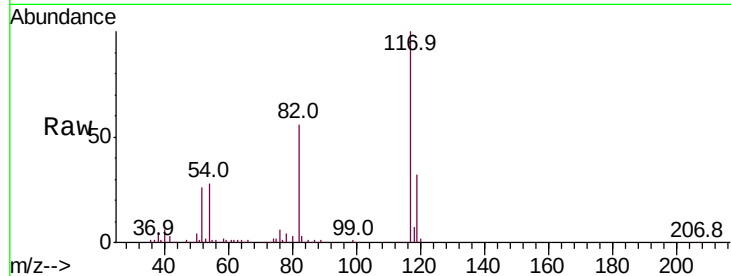




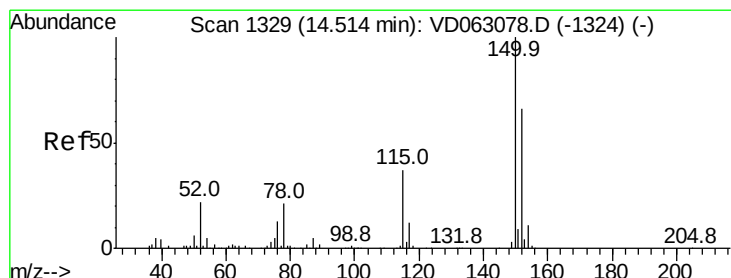
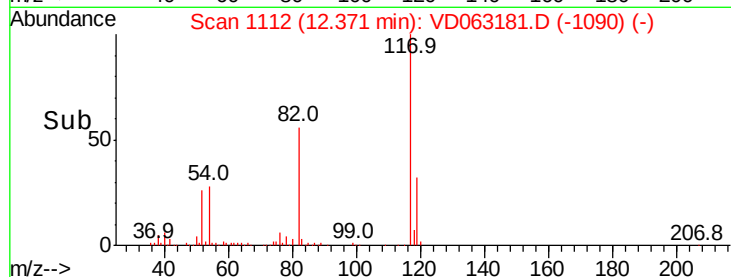
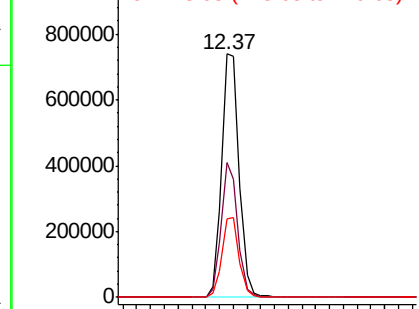
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063181.D
Acq: 22 Jul 2019 17:09

Instrument :
MSVOA_D
ClientSampleId :
GIS-BUILDING-3

Tot Ion:117 Resp: 1299183
Ion Ratio Lower Upper
117 100
82 55.6 42.3 63.5
119 32.0 25.2 37.8

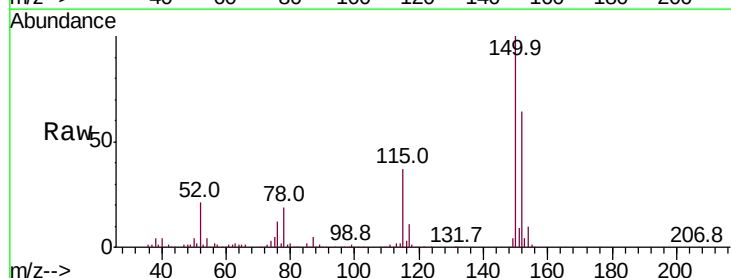


Abundance Ion 116.95 (116.65 to 117.65): V
1000000 Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063181.D
Acq: 22 Jul 2019 17:09

Tgt Ion:152 Resp: 607659
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.8
150 156.7 0.0 313.8



Abundance Ion 151.90 (151.60 to 152.60): V
1000000 Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

