

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072219\
 Data File : VD063179.D
 Acq On : 22 Jul 2019 16:14
 Operator : VA/AP
 Sample : K3916-01
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GIS-BUILDING-1

Quant Time: Jul 23 08:24:29 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	7.07	168	785703	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	1124293	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	531145	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	83145	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	564167	57.64	ug/l	0.02
Spiked Amount	50.000		Recovery	=	115.28%	
35) Dibromofluoromethane	6.94	113	648099	57.88	ug/l	0.02
Spiked Amount	50.000		Recovery	=	115.76%	
50) Toluene-d8	10.42	98	1001985	41.66	ug/l	0.02
Spiked Amount	50.000		Recovery	=	83.32%	
62) 4-Bromofluorobenzene	13.56	95	202456	18.19	ug/l	0.01
Spiked Amount	50.000		Recovery	=	36.38%	

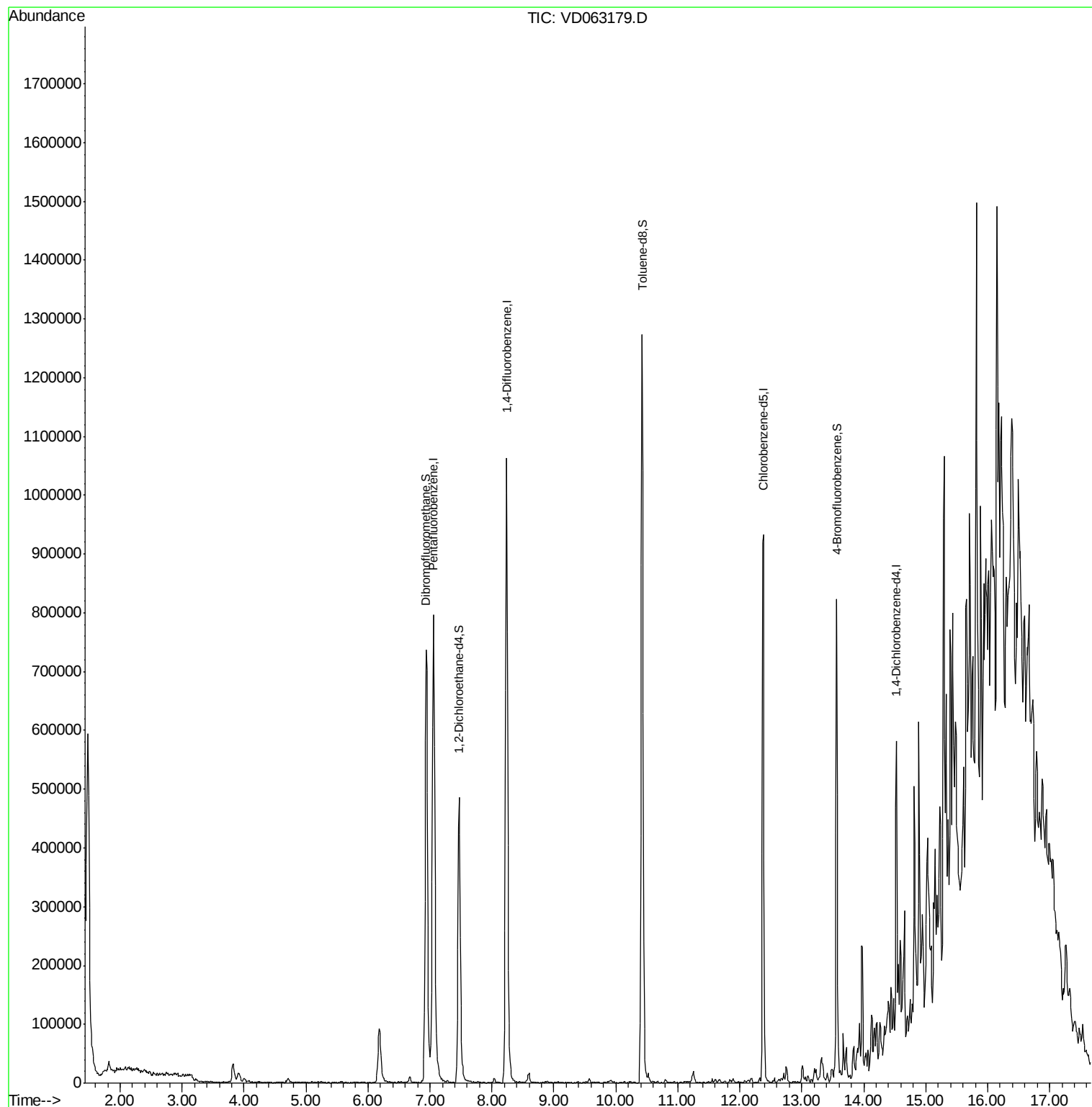
Target Compounds	Qvalue

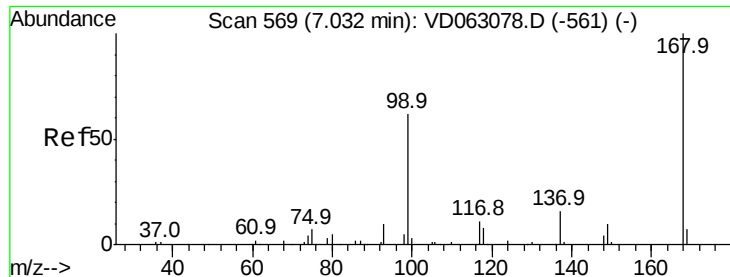
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072219\
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Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.03 min

Lab File: VD063179.D

Acq: 22 Jul 2019 16:14

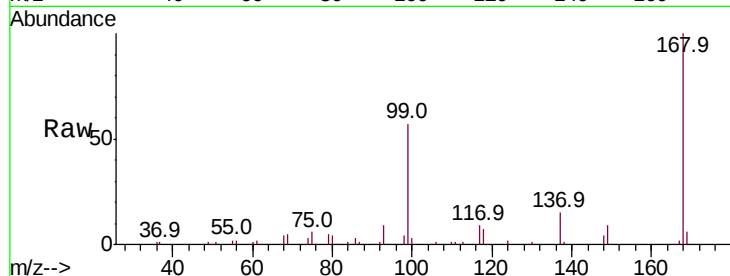
Instrument :
MSVOA_D
ClientSampleId :
GIS-BUILDING-1

Tot Ion:168 Resp: 785703

Ion Ratio Lower Upper

168 100

99 57.0 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

250000

200000

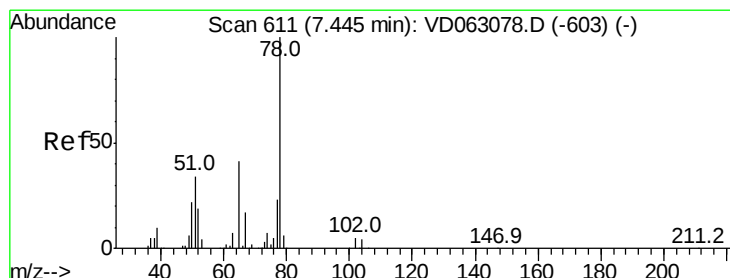
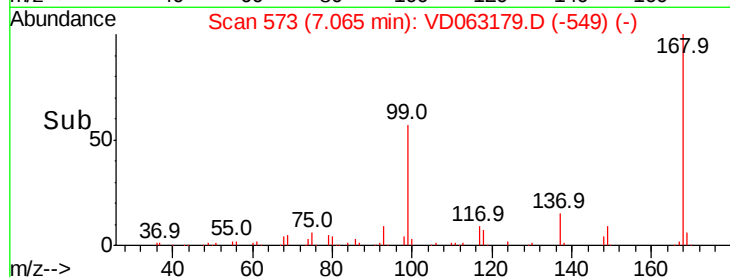
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 57.642 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD063179.D

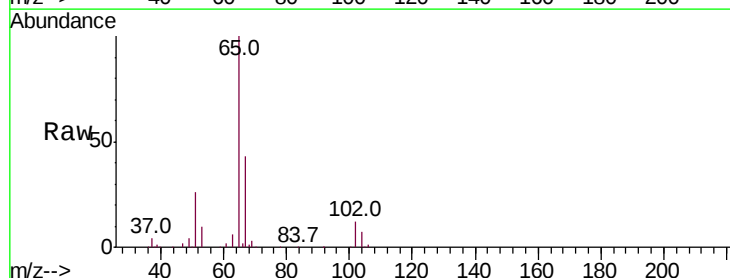
Acq: 22 Jul 2019 16:14

Tgt Ion: 65 Resp: 564167

Ion Ratio Lower Upper

65 100

67 42.8 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

250000

200000

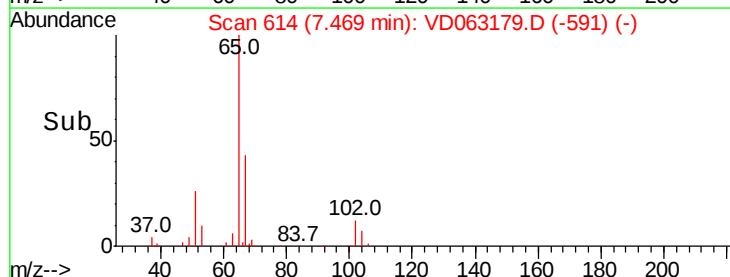
150000

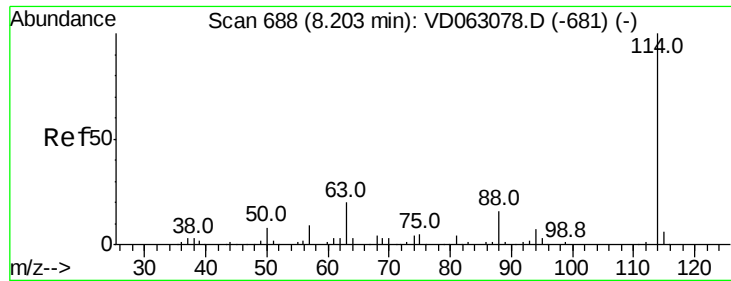
100000

50000

0

Time--> 7.30 7.40 7.50 7.60 7.70





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.03 min

Lab File: VD063179.D

Acq: 22 Jul 2019 16:14

Instrument :

MSVOA_D

ClientSampleId :

GIS-BUILDING-1

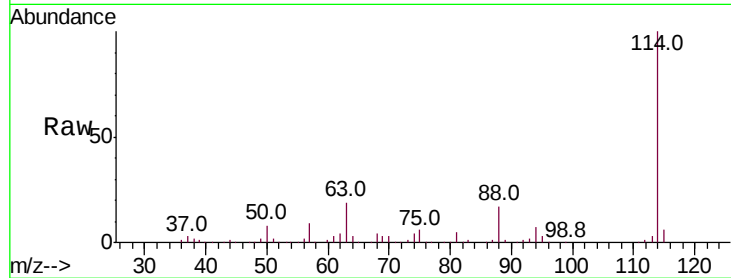
Tot Ion:114 Resp: 1124293

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.6

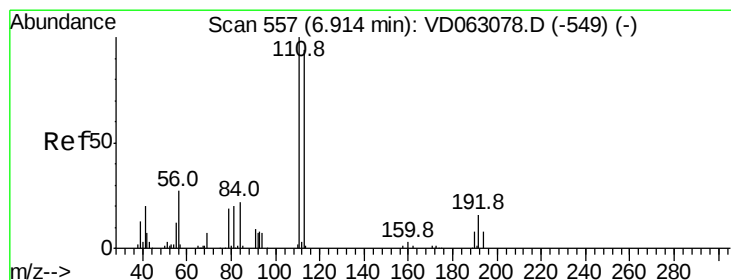
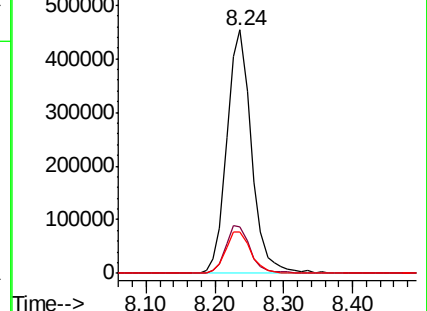
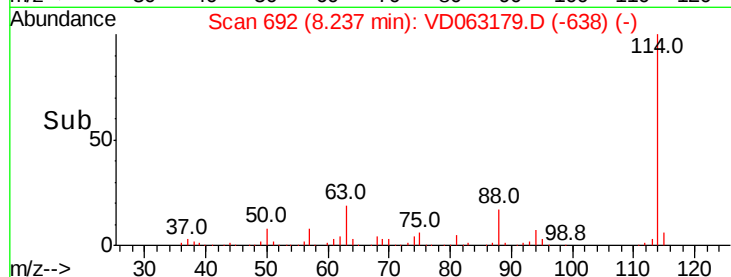
88 17.1 0.0 32.6



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: 57.875 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.02 min

Lab File: VD063179.D

Acq: 22 Jul 2019 16:14

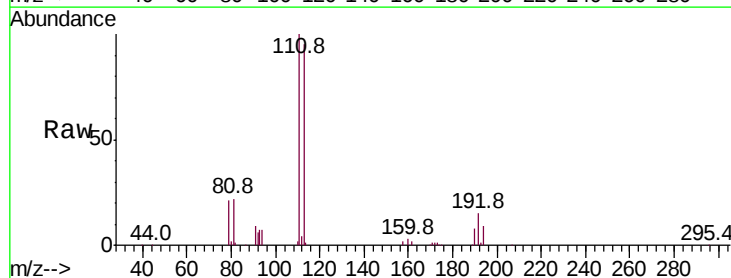
Tgt Ion:113 Resp: 648099

Ion Ratio Lower Upper

113 100

111 105.8 84.8 127.2

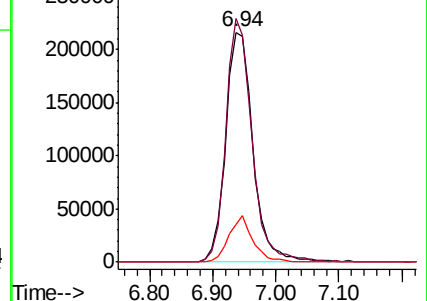
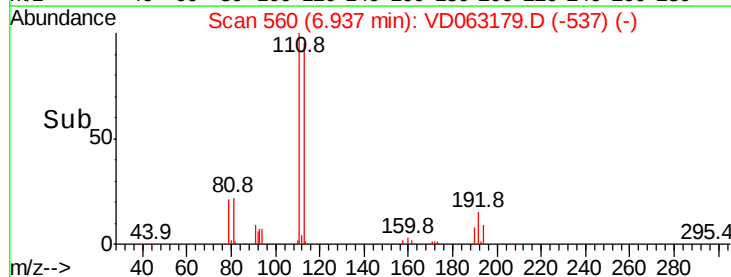
192 16.3 13.4 20.0

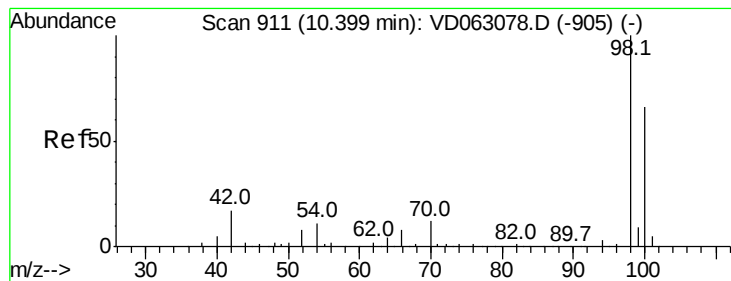


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 41.656 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD063179.D

Acq: 22 Jul 2019 16:14

Instrument :

MSVOA_D

ClientSampleId :

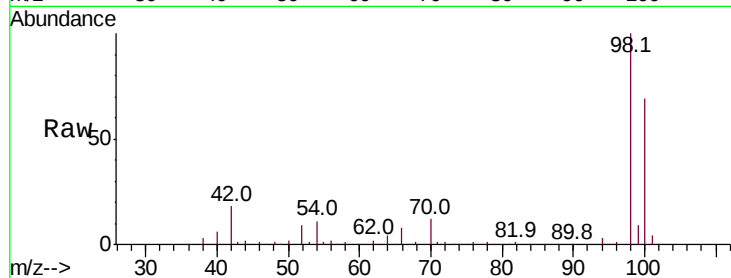
GIS-BUILDING-1

Tot Ion: 98 Resp: 1001985

Ion Ratio Lower Upper

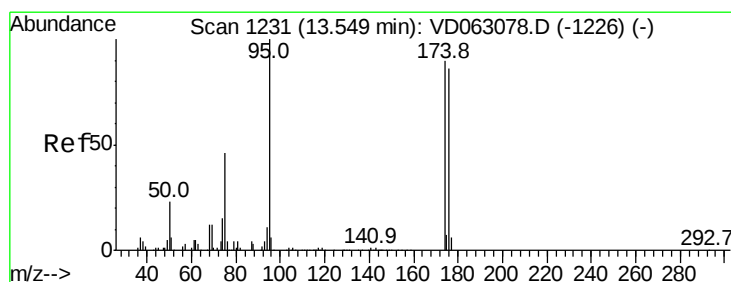
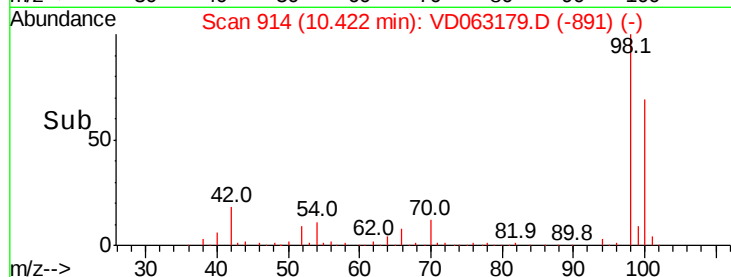
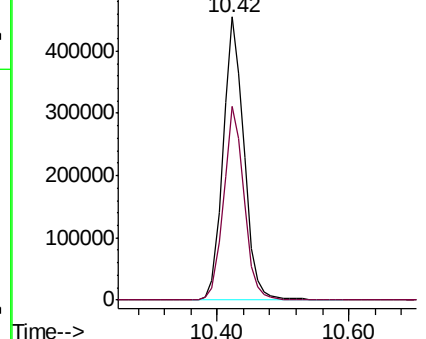
98 100

100 68.7 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 18.193 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063179.D

Acq: 22 Jul 2019 16:14

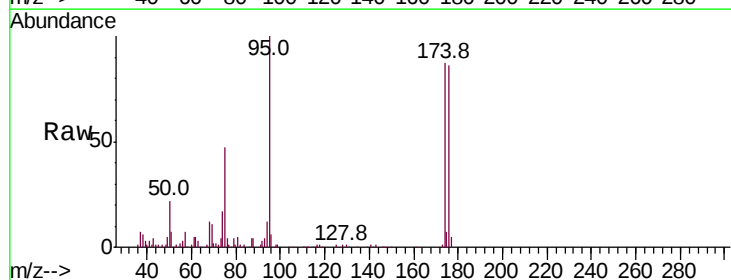
Tgt Ion: 95 Resp: 202456

Ion Ratio Lower Upper

95 100

174 87.2 0.0 180.6

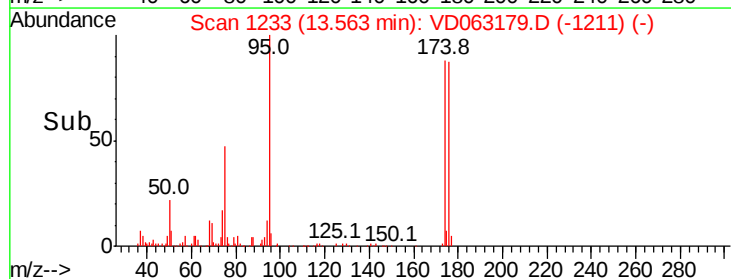
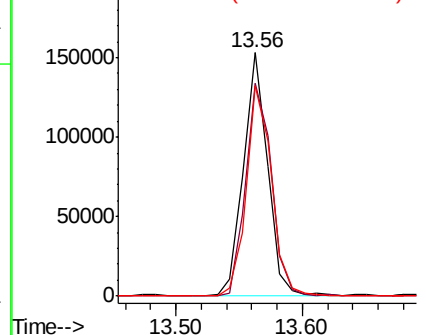
176 86.4 0.0 172.2

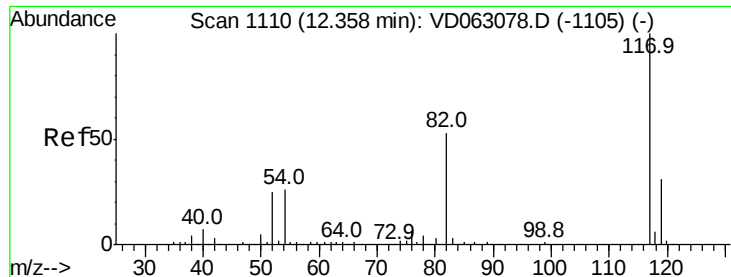


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

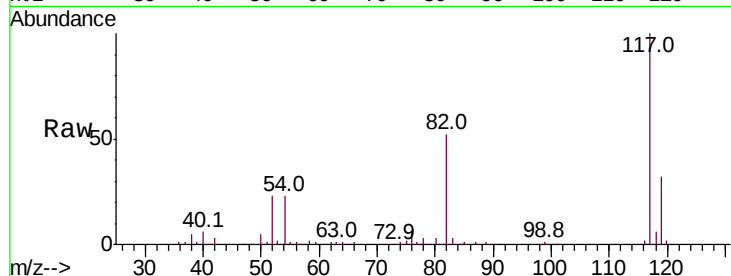




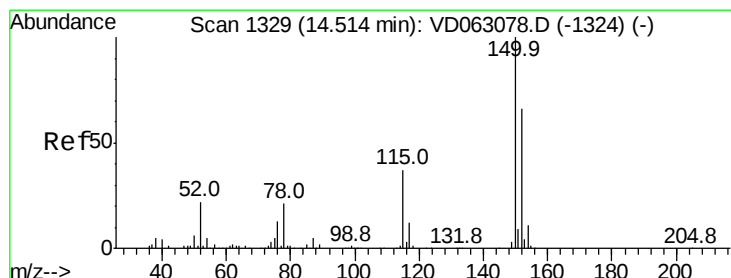
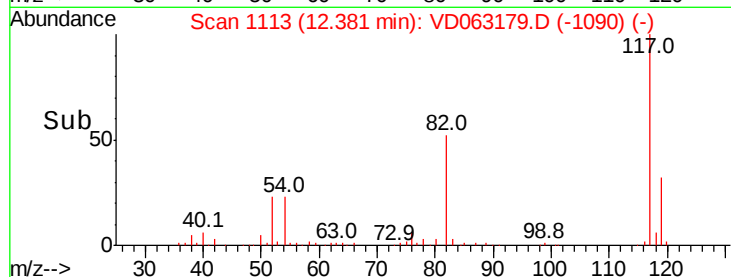
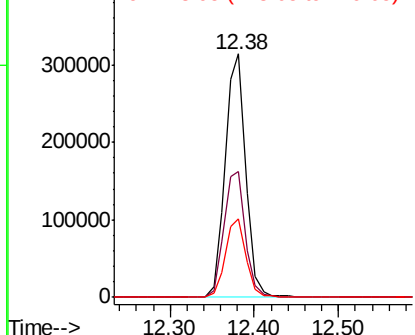
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: VD063179.D
 Acq: 22 Jul 2019 16:14

Instrument :
 MSVOA_D
 ClientSampleId :
 GIS-BUILDING-1

Tot Ion:117 Resp: 531145
 Ion Ratio Lower Upper
 117 100
 82 51.6 42.3 63.5
 119 32.2 25.2 37.8

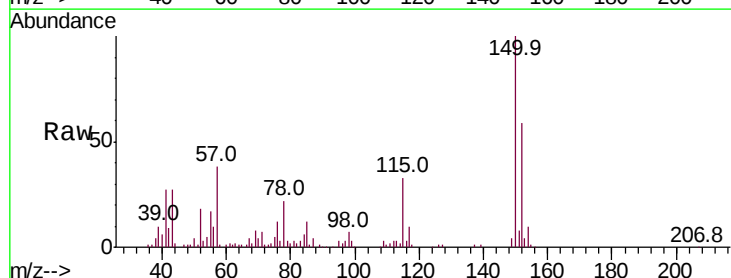


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD063179.D
 Acq: 22 Jul 2019 16:14

Tgt Ion:152 Resp: 83145
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.9 86.8
 150 168.3 0.0 313.8



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

