

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063437.D
 Acq On : 8 Aug 2019 14:42
 Operator : JC/SY
 Sample : K3613-03
 Misc : 3.76g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-080719-B

Quant Time: Aug 09 07:28:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	61230	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	124507	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	106789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	48610	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	63993	94.19	ug/l	0.02
Spiked Amount	50.000		Recovery	=	188.38%	
35) Dibromofluoromethane	6.93	113	51448	48.40	ug/l	0.02
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	10.42	98	93216	39.18	ug/l	0.02
Spiked Amount	50.000		Recovery	=	78.36%	
62) 4-Bromofluorobenzene	13.56	95	43888	40.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.96%	

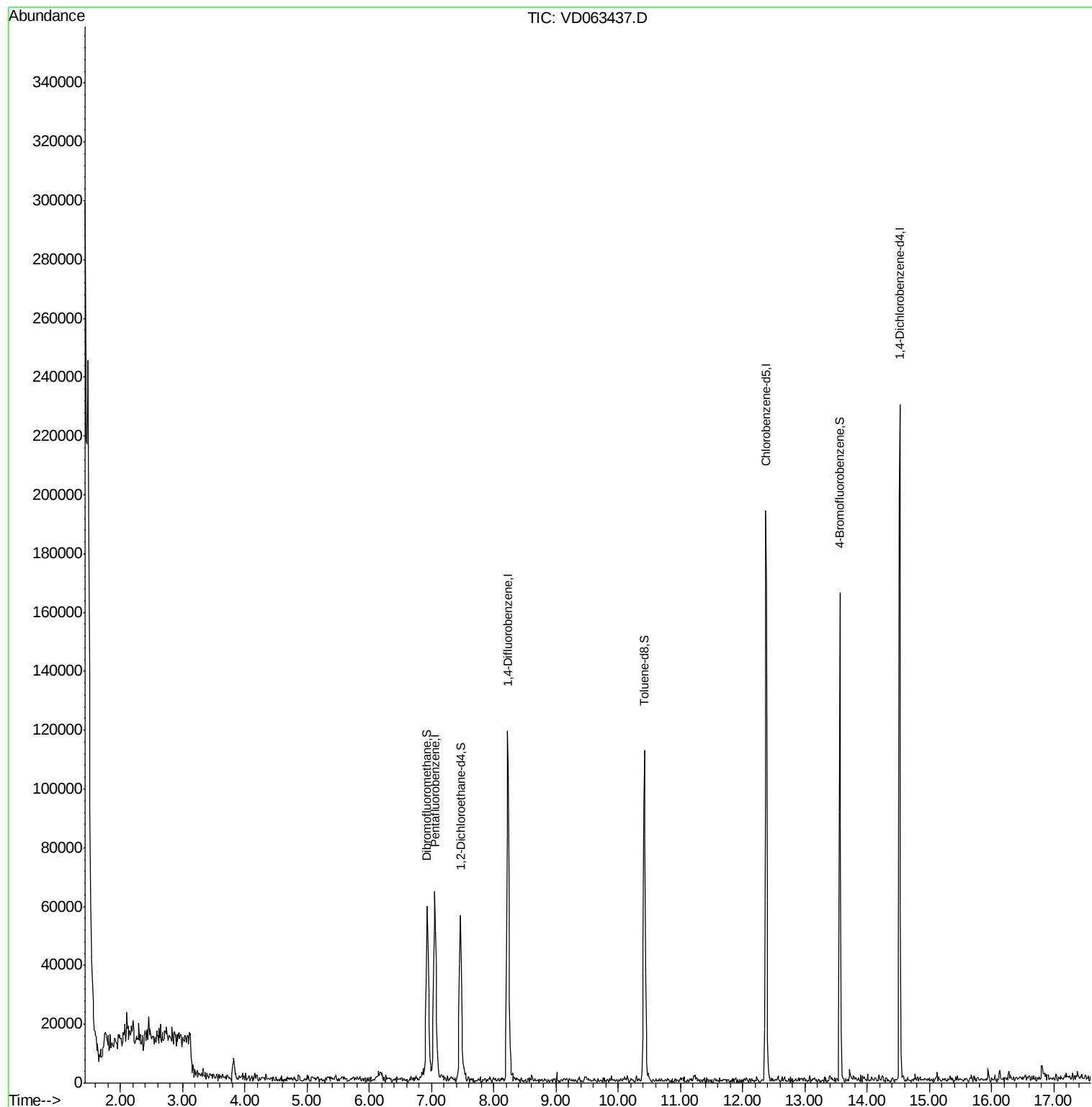
Target Compounds	Qvalue

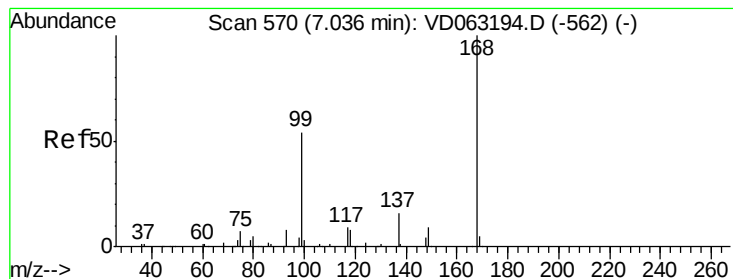
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063437.D

Acq: 8 Aug 2019 14:42

Instrument :

MSVOA_D

ClientSampleId :

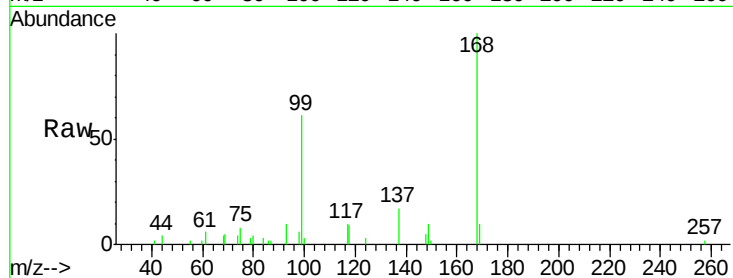
AU-05-080719-B

Tot Ion:168 Resp: 61230

Ion Ratio Lower Upper

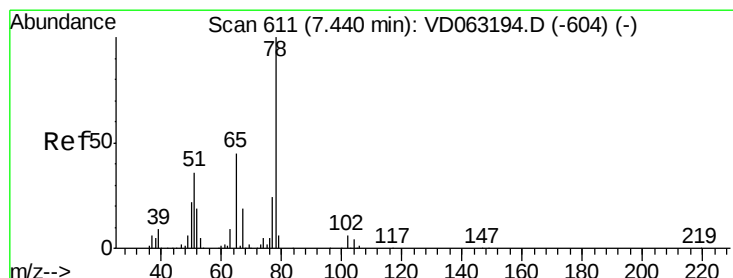
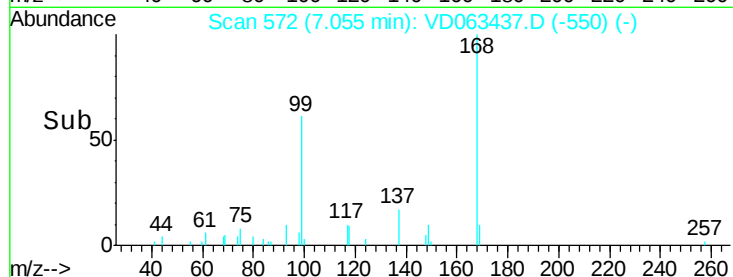
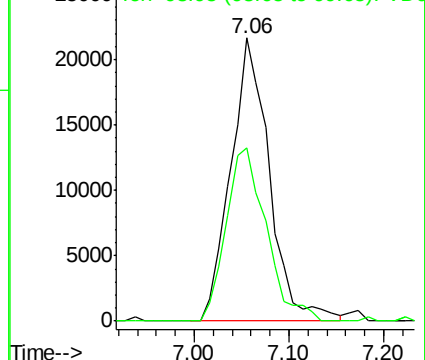
168 100

99 61.4 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 94.190 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063437.D

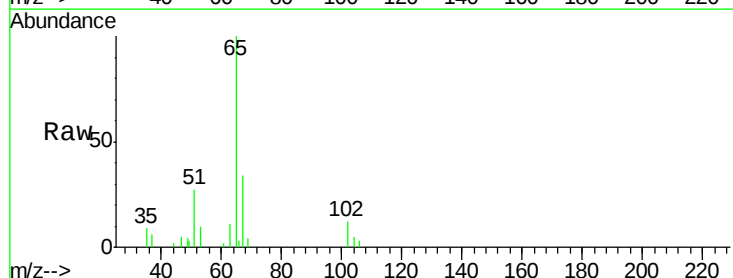
Acq: 8 Aug 2019 14:42

Tgt Ion: 65 Resp: 63993

Ion Ratio Lower Upper

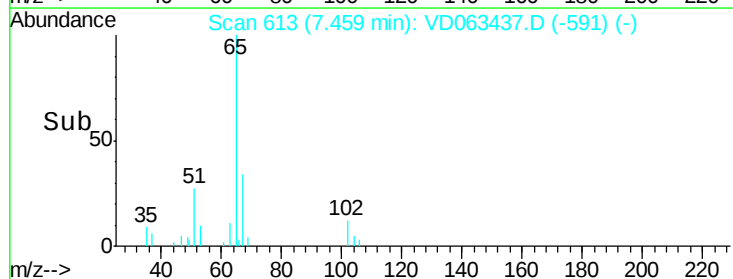
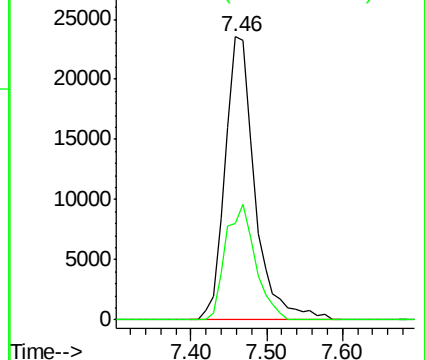
65 100

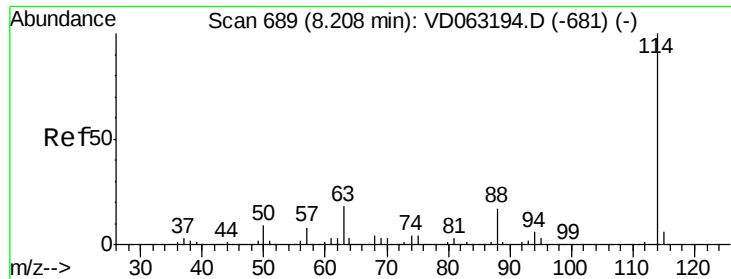
67 34.3 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

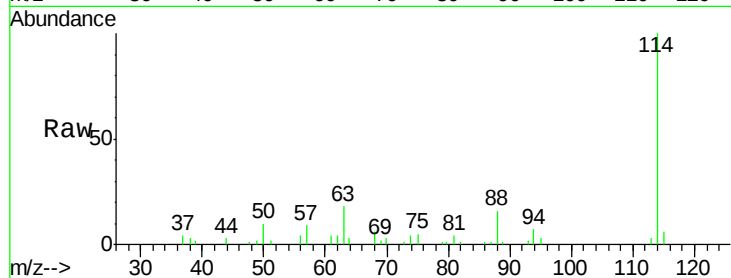




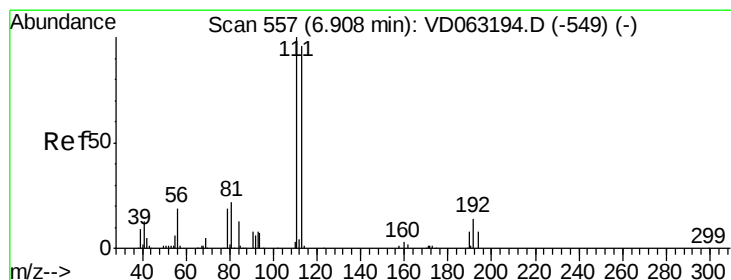
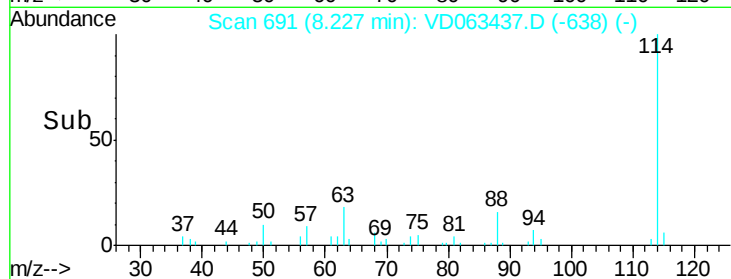
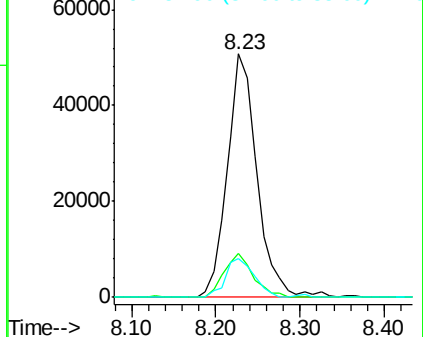
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063437.D
 Acq: 8 Aug 2019 14:42

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-080719-B

Tot Ion:114 Resp: 124507
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.2
 88 16.0 0.0 34.6

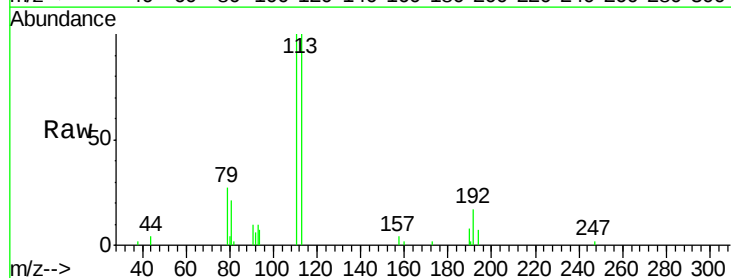


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

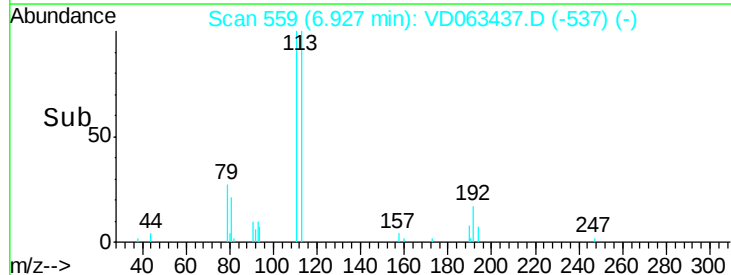
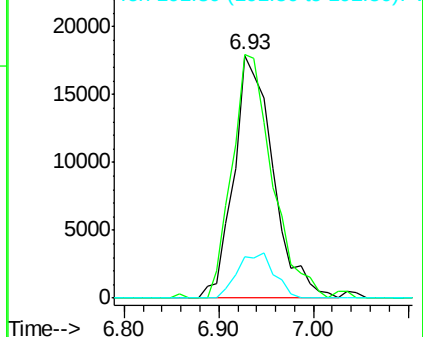


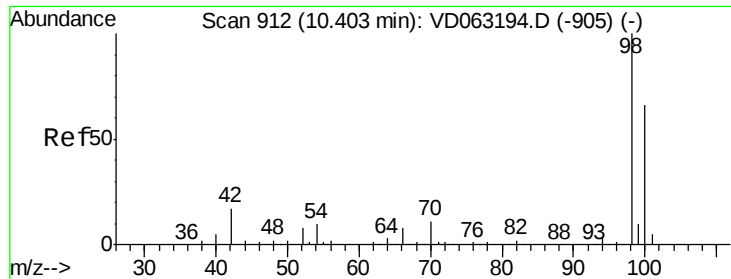
#35
 Dibromofluoromethane
 Concen: 48.398 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD063437.D
 Acq: 8 Aug 2019 14:42

Tgt Ion:113 Resp: 51448
 Ion Ratio Lower Upper
 113 100
 111 100.3 83.2 124.8
 192 17.0 11.8 17.8



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

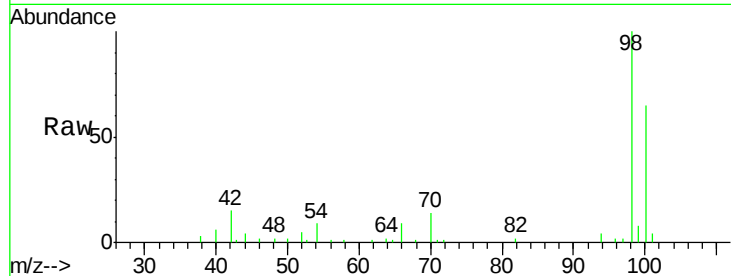




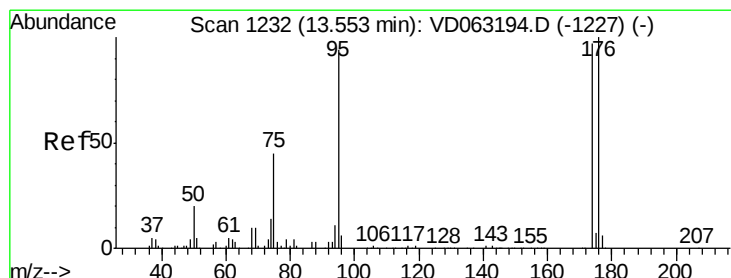
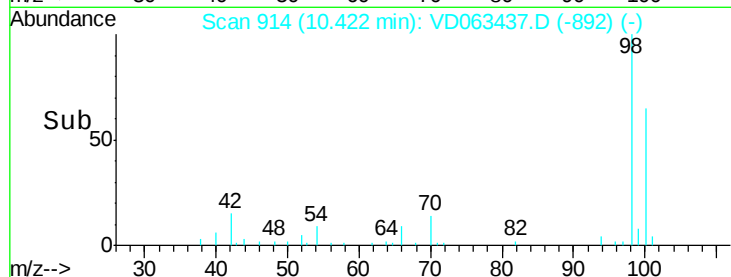
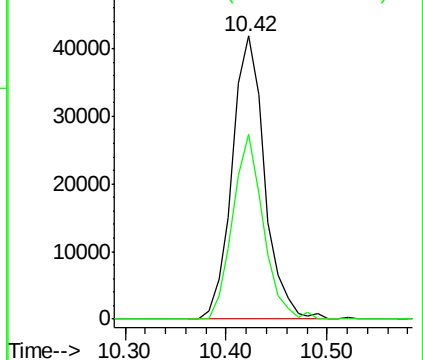
#50
Toluene-d8
Concen: 39.182 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD063437.D
Acq: 8 Aug 2019 14:42

Instrument :
MSVOA_D
ClientSampleId :
AU-05-080719-B

Tot Ion: 98 Resp: 93216
Ion Ratio Lower Upper
98 100
100 65.5 53.2 79.8

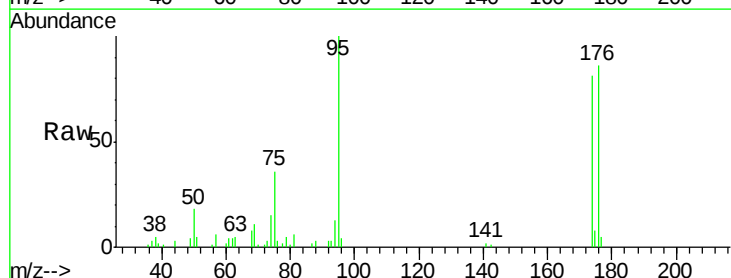


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

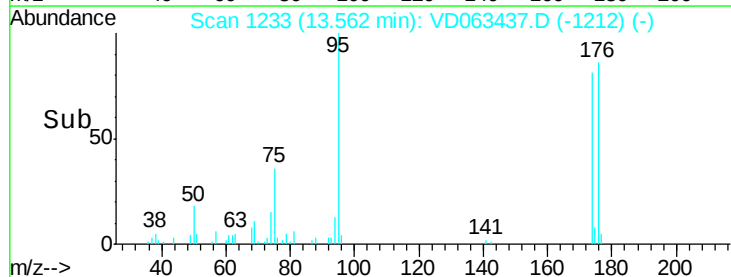
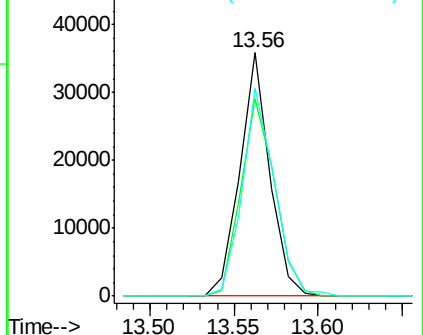


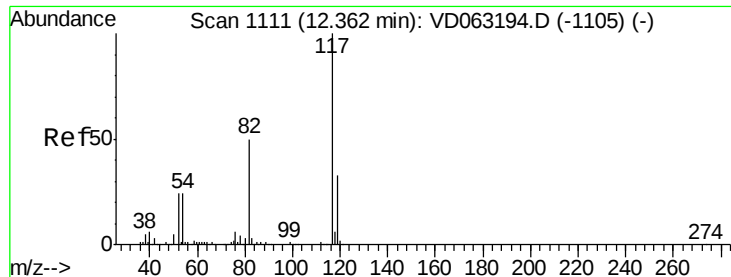
#62
4-Bromofluorobenzene
Concen: 40.483 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063437.D
Acq: 8 Aug 2019 14:42

Tgt Ion: 95 Resp: 43888
Ion Ratio Lower Upper
95 100
174 81.1 0.0 205.4
176 85.6 0.0 211.8



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

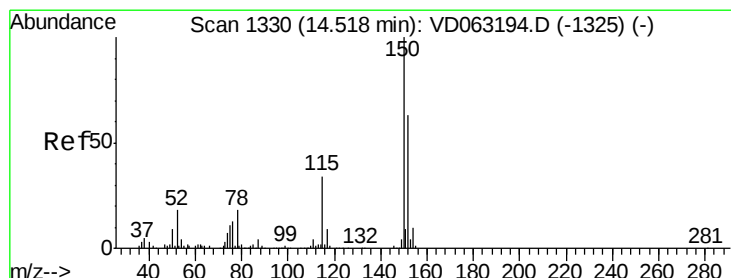
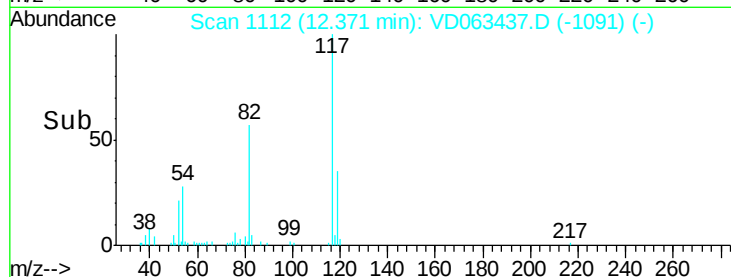
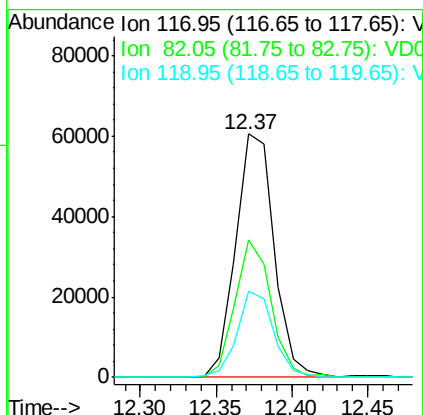
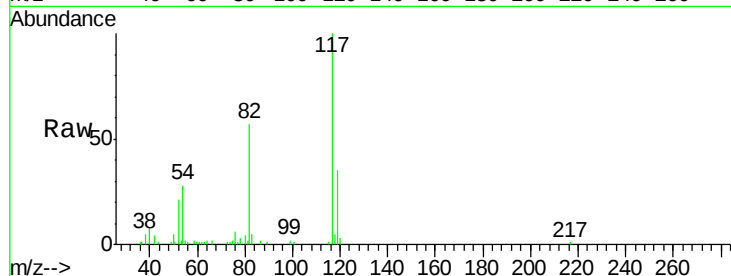




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063437.D
Acq: 8 Aug 2019 14:42

Instrument :
MSVOA_D
ClientSampleId :
AU-05-080719-B

Tot Ion:117 Resp: 106789
Ion Ratio Lower Upper
117 100
82 56.7 40.1 60.1
119 35.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063437.D
Acq: 8 Aug 2019 14:42

Tgt Ion:152 Resp: 48610
Ion Ratio Lower Upper
152 100
115 63.8 27.5 82.4
150 167.2 0.0 320.6

