

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063012.D
 Acq On : 2 Jul 2019 19:45
 Operator : VA/AP
 Sample : K3602-06
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-6

Quant Time: Jul 03 01:34:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	931344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1206590	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	1033242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	547509	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	363562	35.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.82%	
35) Dibromofluoromethane	6.92	113	411160	40.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.82%	
50) Toluene-d8	10.42	98	887365	40.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.14%	
62) 4-Bromofluorobenzene	13.56	95	377665	37.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.02%	

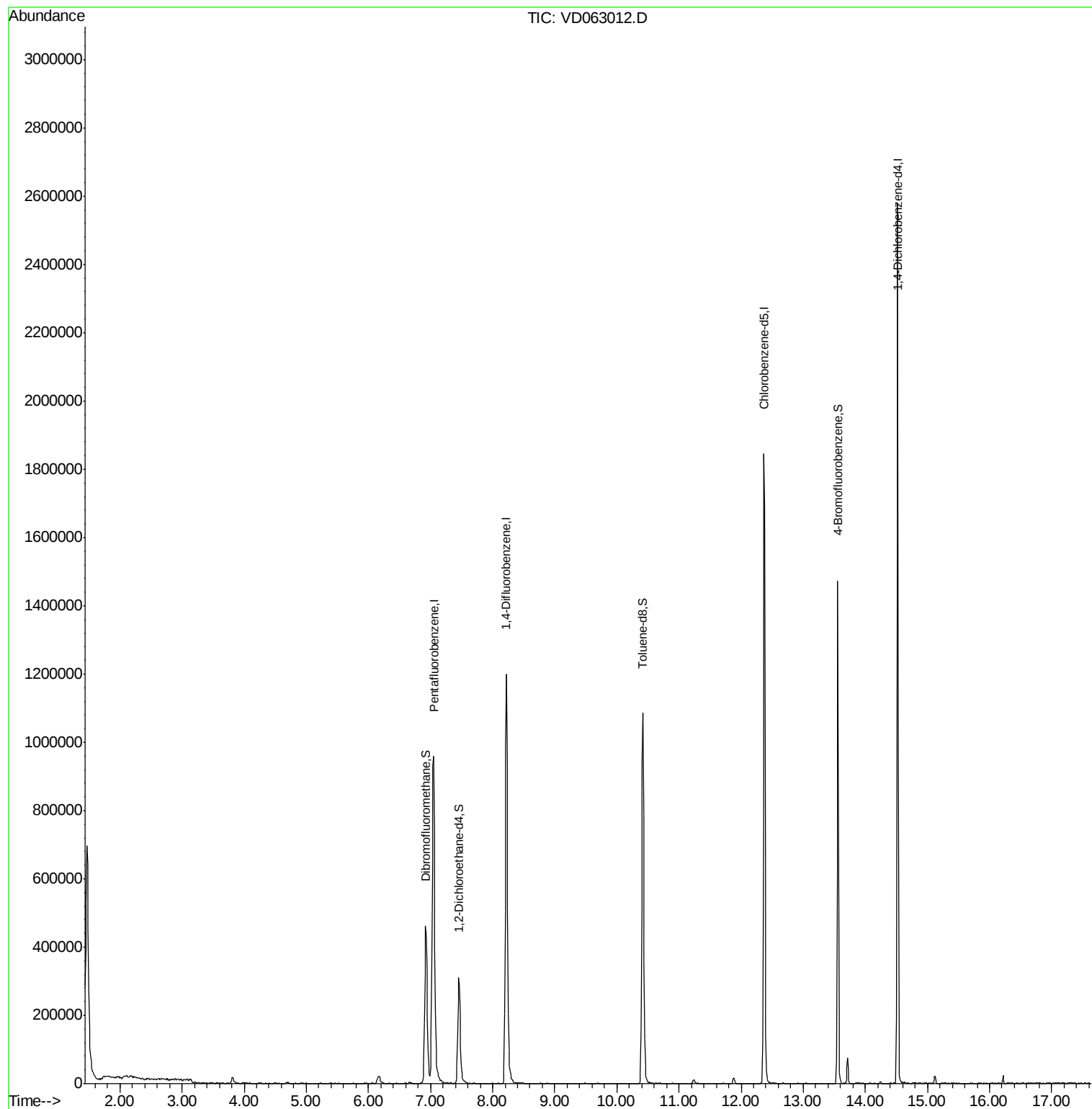
Target Compounds	Qvalue

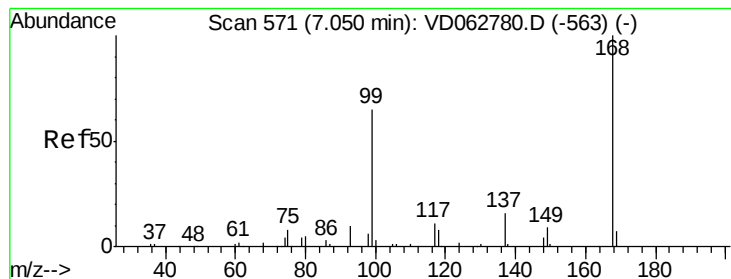
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD063012.D

Acq: 2 Jul 2019 19:45

Instrument :

MSVOA_D

ClientSampled :

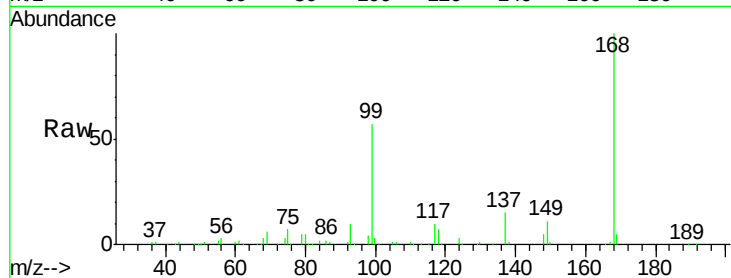
GP-6

Tot Ion:168 Resp: 931344

Ion Ratio Lower Upper

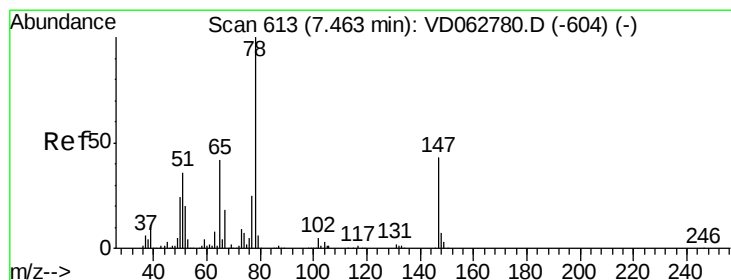
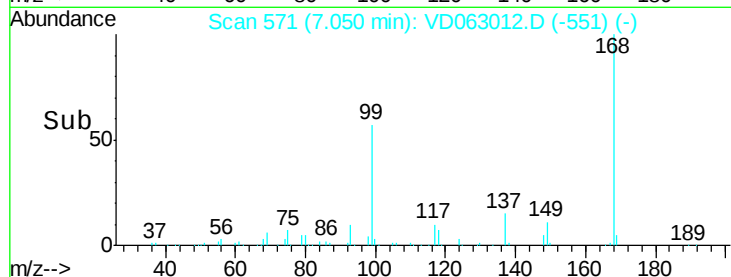
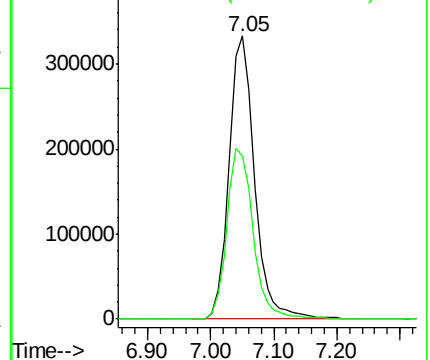
168 100

99 57.4 53.0 79.6



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: 35.912 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063012.D

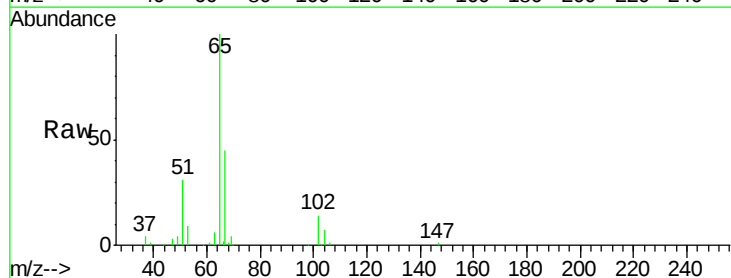
Acq: 2 Jul 2019 19:45

Tgt Ion: 65 Resp: 363562

Ion Ratio Lower Upper

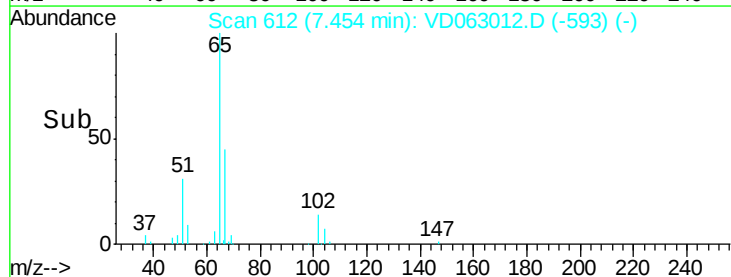
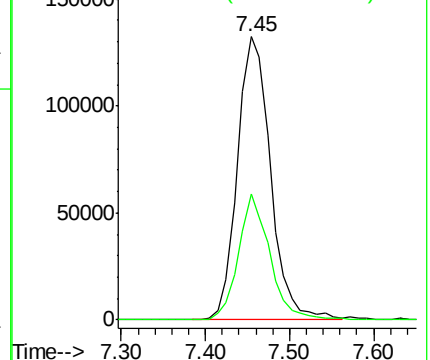
65 100

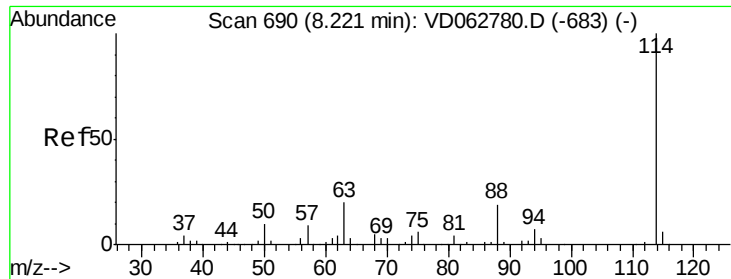
67 44.7 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

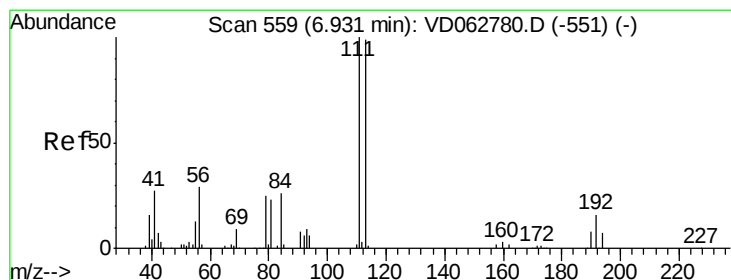
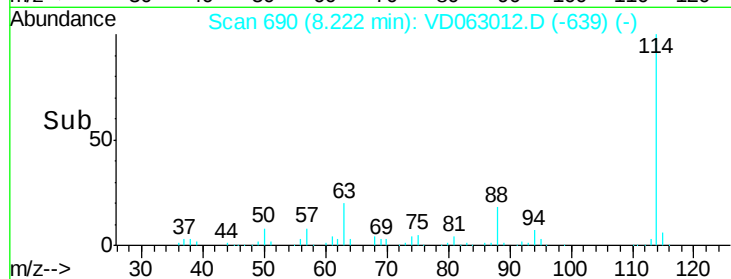
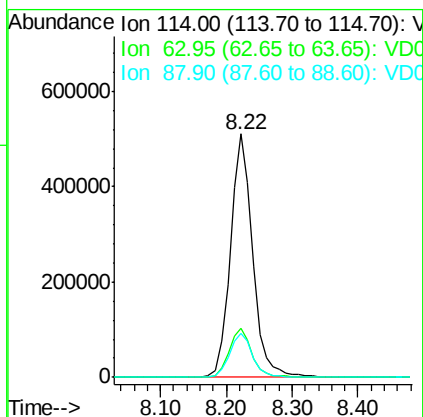
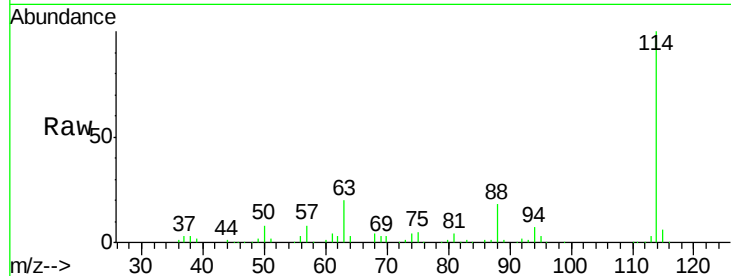




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD063012.D
 Acq: 2 Jul 2019 19:45

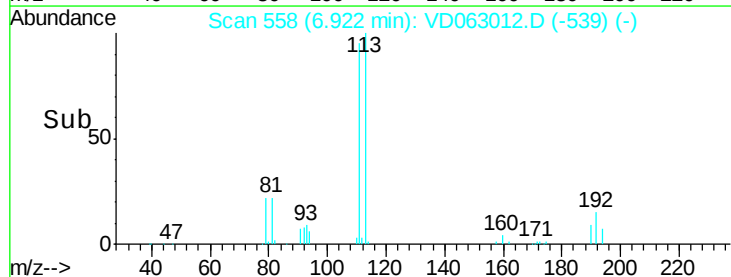
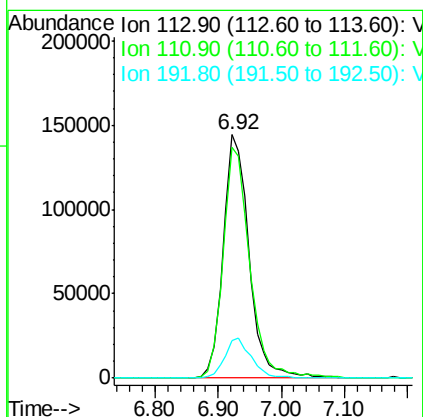
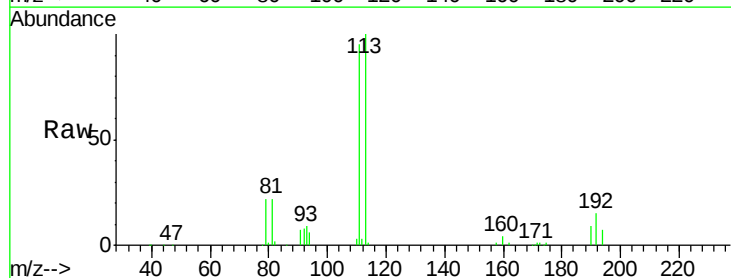
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-6

Tot Ion:114 Resp: 1206590
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 18.2 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 40.413 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD063012.D
 Acq: 2 Jul 2019 19:45

Tgt Ion:113 Resp: 411160
 Ion Ratio Lower Upper
 113 100
 111 94.7 81.2 121.8
 192 15.4 12.9 19.3

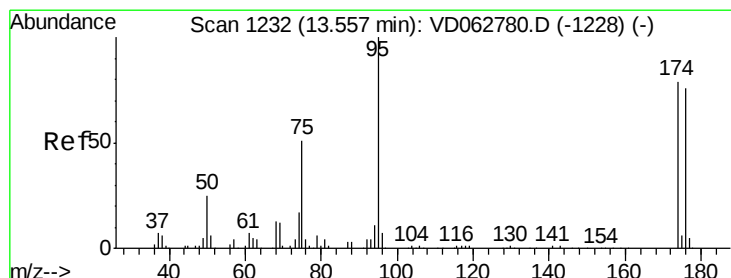
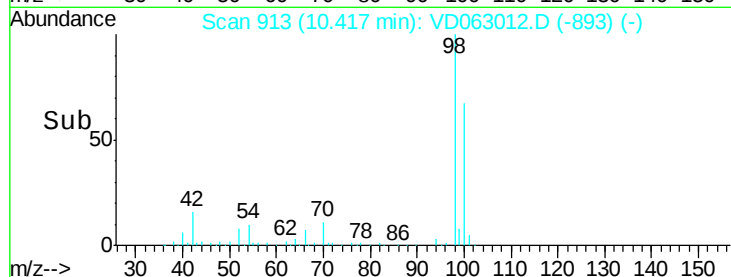
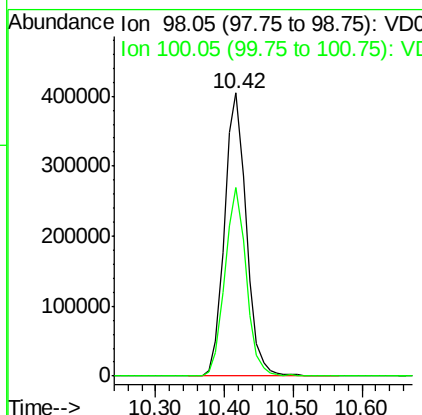
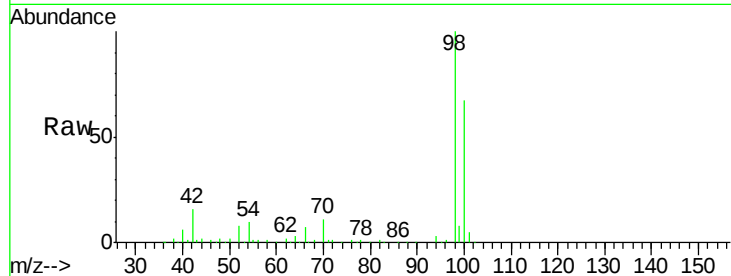




#50
Toluene-d8
Concen: 40.074 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD063012.D
Acq: 2 Jul 2019 19:45

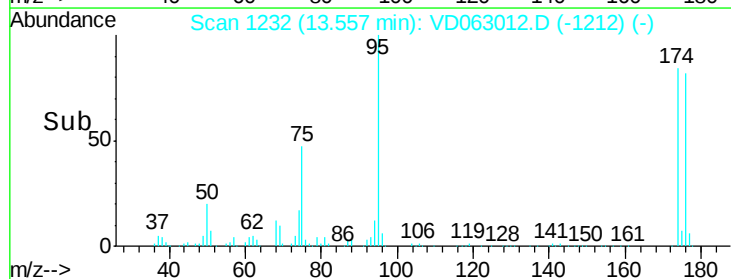
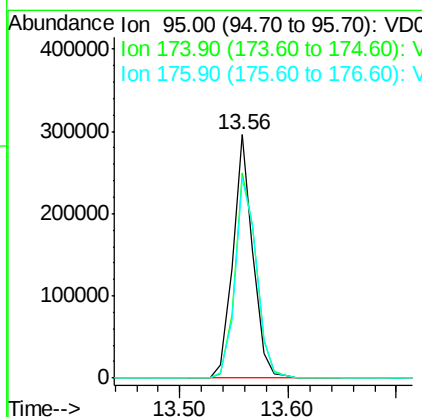
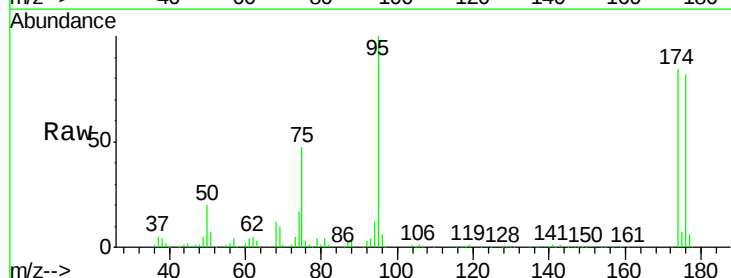
Instrument :
MSVOA_D
ClientSampleId :
GP-6

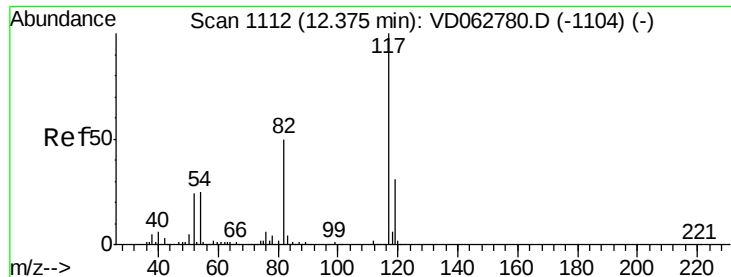
Tot Ion: 98 Resp: 887365
Ion Ratio Lower Upper
98 100
100 66.8 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 37.509 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063012.D
Acq: 2 Jul 2019 19:45

Tgt Ion: 95 Resp: 377665
Ion Ratio Lower Upper
95 100
174 84.4 0.0 158.0
176 82.2 0.0 151.6

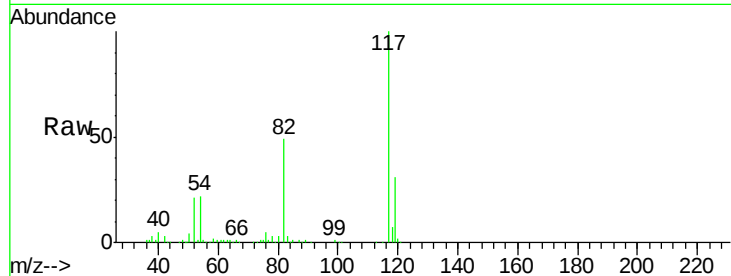




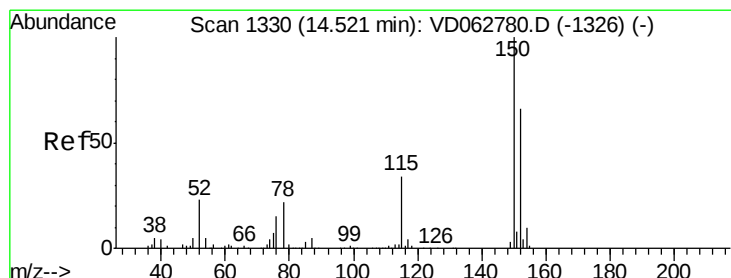
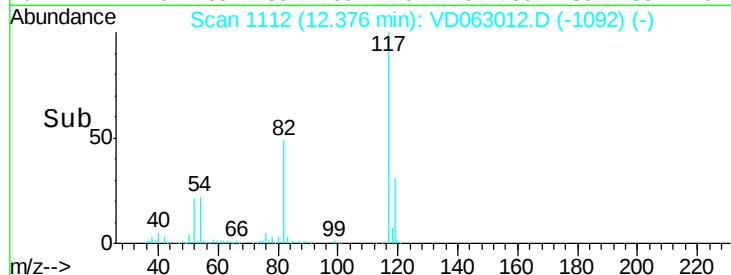
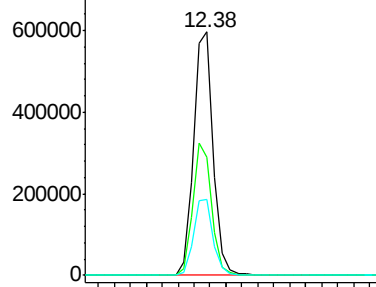
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD063012.D
Acq: 2 Jul 2019 19:45

Instrument :
MSVOA_D
ClientSampleId :
GP-6

Tot Ion:117 Resp: 1033242
Ion Ratio Lower Upper
117 100
82 48.8 40.4 60.6
119 31.3 25.2 37.8

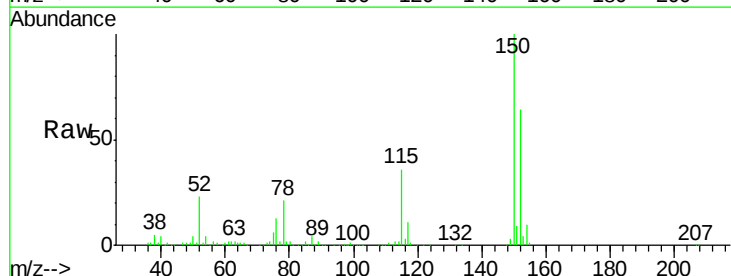


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063012.D
Acq: 2 Jul 2019 19:45

Tgt Ion:152 Resp: 547509
Ion Ratio Lower Upper
152 100
115 56.5 29.2 87.6
150 156.6 0.0 305.8



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

