

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063007.D
 Acq On : 2 Jul 2019 17:28
 Operator : VA/AP
 Sample : K3602-01
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-1

Quant Time: Jul 03 01:25:38 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	7.06	168	1069015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1420638	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1225637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	629833	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	466872	40.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.36%	
35) Dibromofluoromethane	6.94	113	551298	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
50) Toluene-d8	10.42	98	1235160	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
62) 4-Bromofluorobenzene	13.56	95	544464	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	

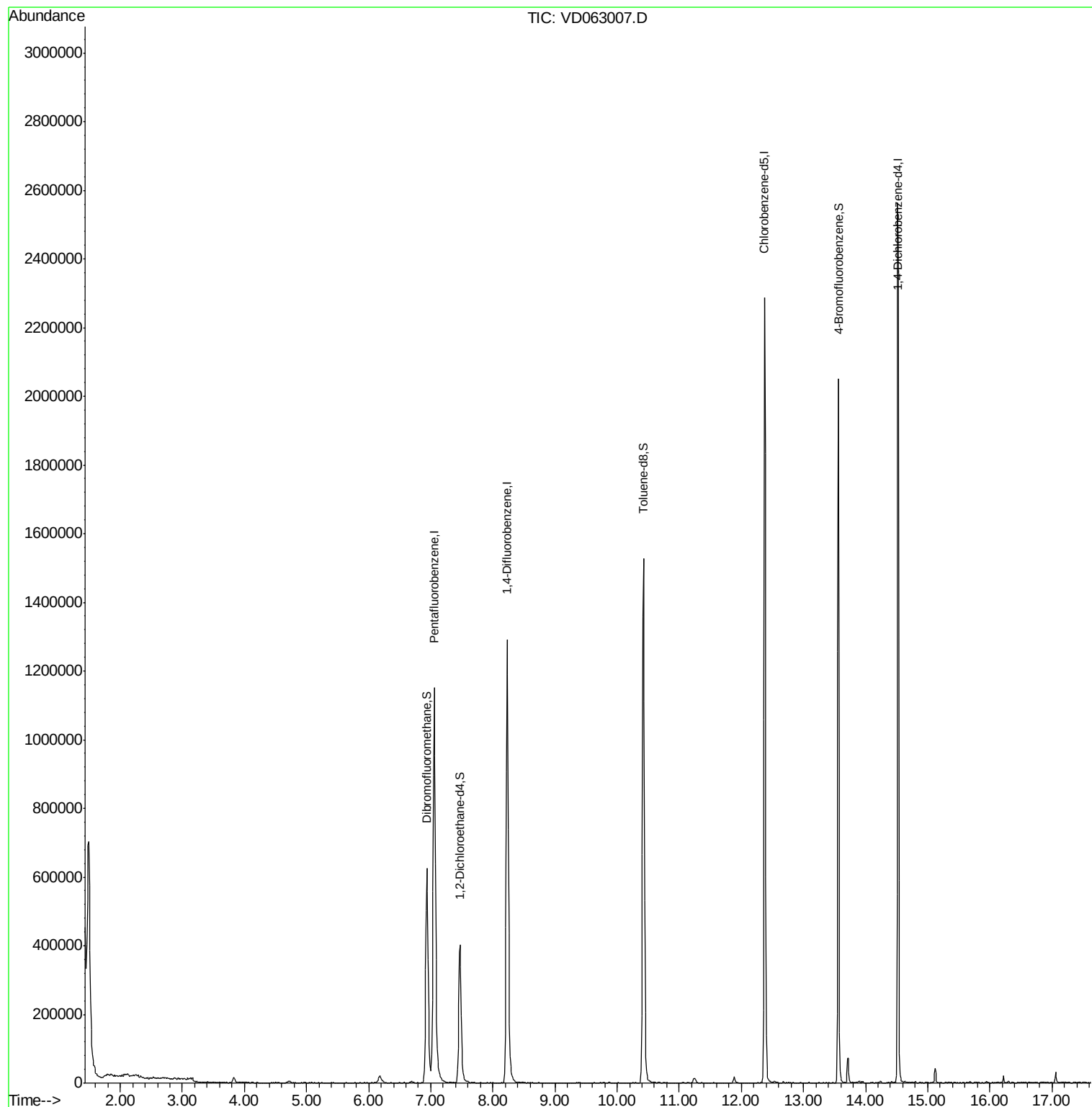
Target Compounds	Qvalue

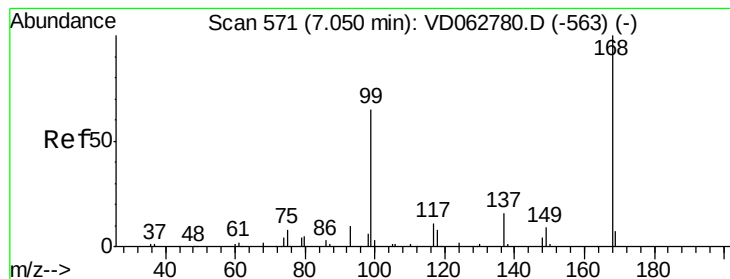
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD063007.D

Acq: 2 Jul 2019 17:28

Instrument :

MSVOA_D

ClientSampleId :

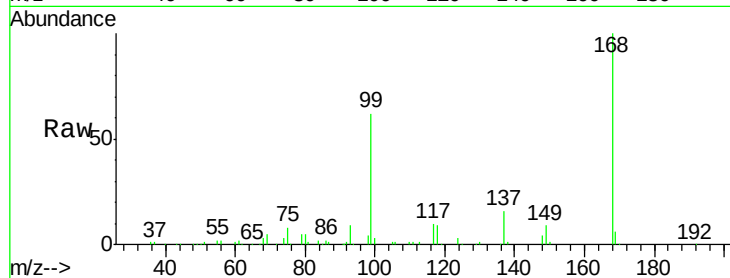
GP-1

Tot Ion:168 Resp: 1069015

Ion Ratio Lower Upper

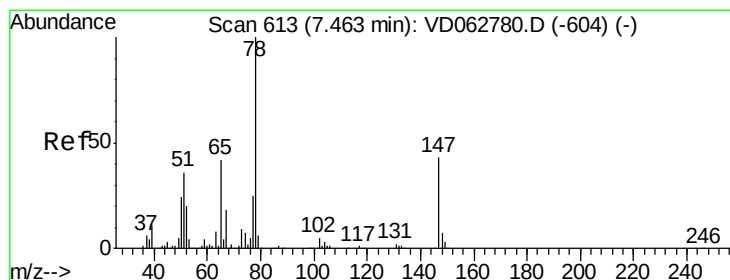
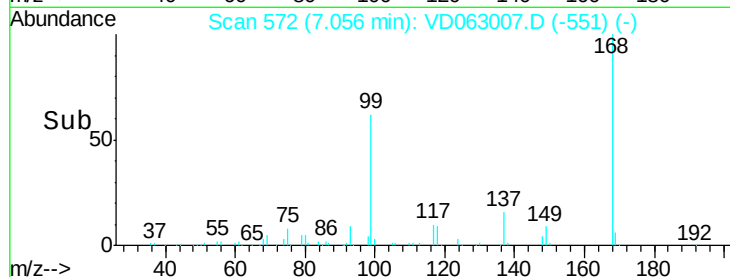
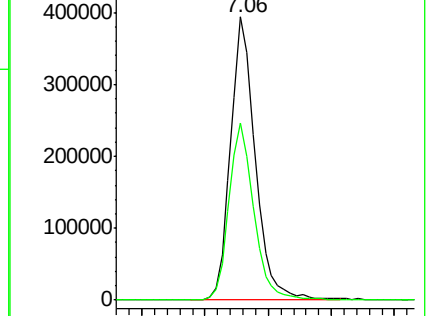
168 100

99 62.5 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: 40.178 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD063007.D

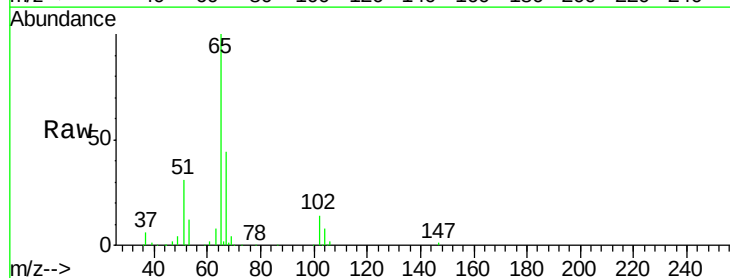
Acq: 2 Jul 2019 17:28

Tgt Ion: 65 Resp: 466872

Ion Ratio Lower Upper

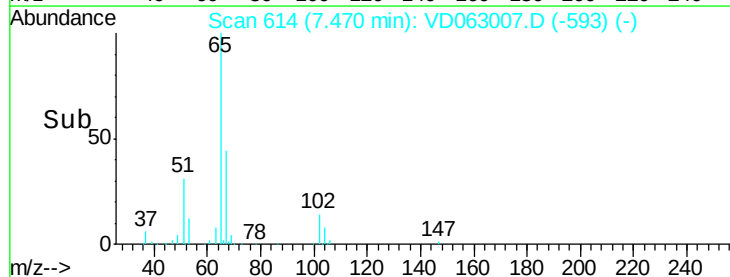
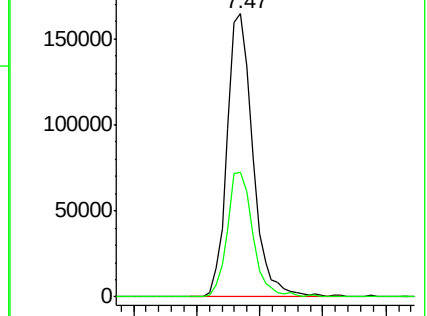
65 100

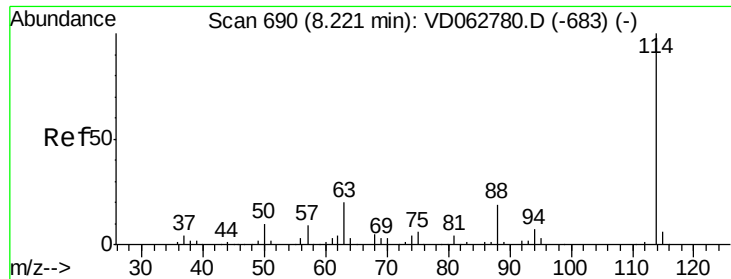
67 44.2 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

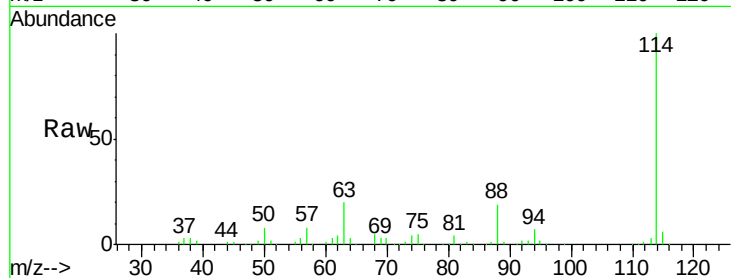




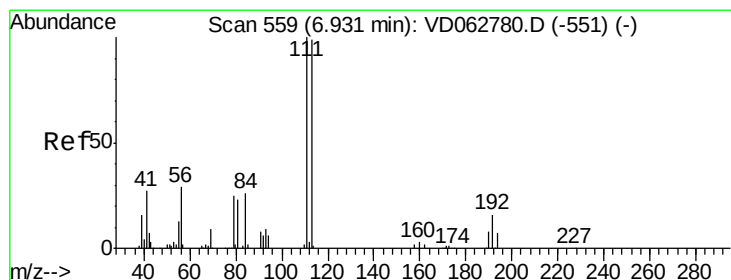
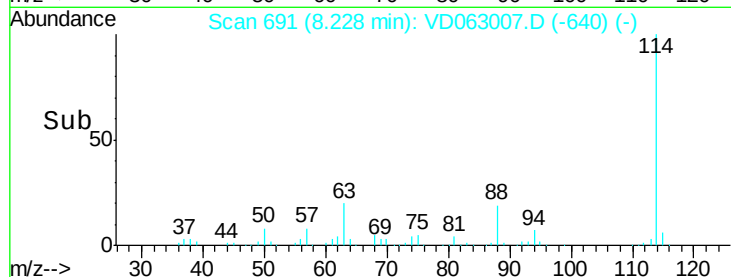
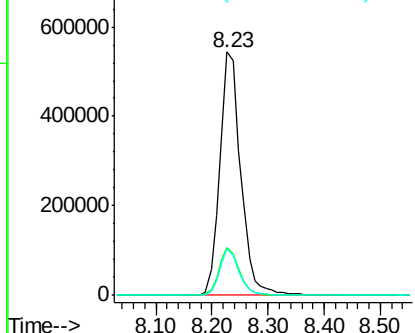
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD063007.D
 Acq: 2 Jul 2019 17:28

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-1

Tot Ion:114 Resp: 1420638
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 19.1 0.0 38.8

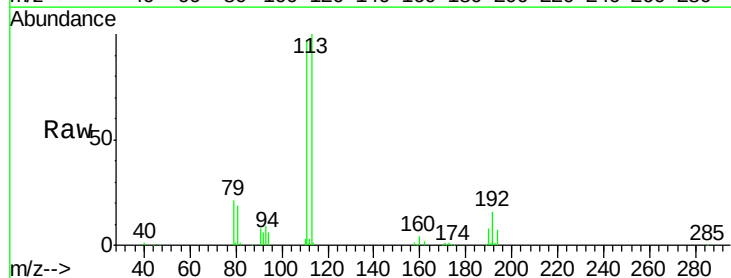


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

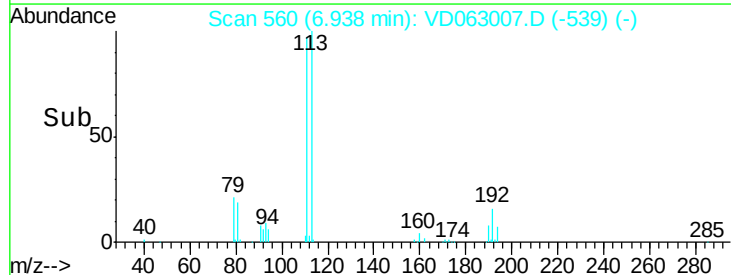
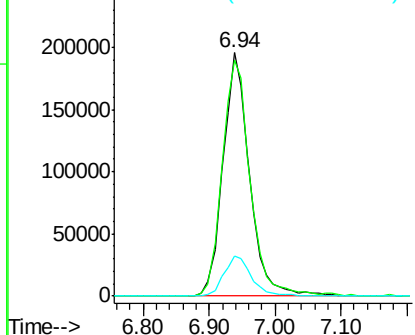


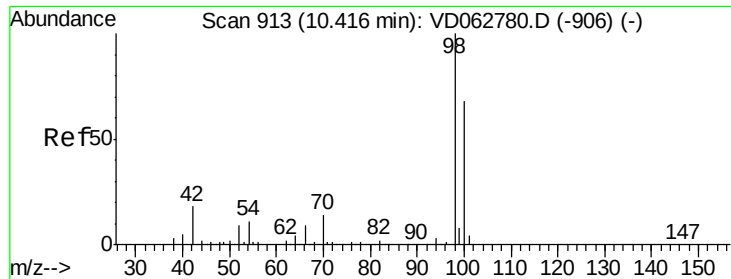
#35
 Dibromofluoromethane
 Concen: 46.023 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD063007.D
 Acq: 2 Jul 2019 17:28

Tgt Ion:113 Resp: 551298
 Ion Ratio Lower Upper
 113 100
 111 97.0 81.2 121.8
 192 16.4 12.9 19.3



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

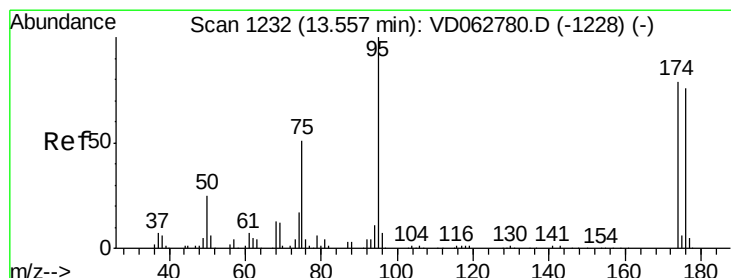
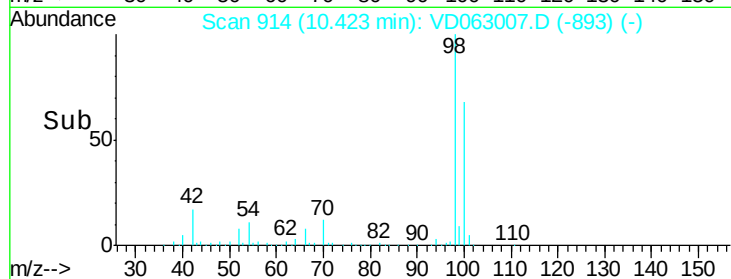
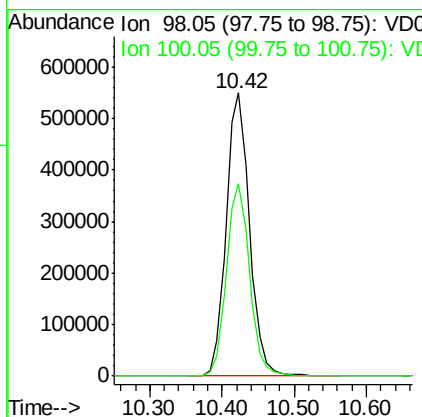
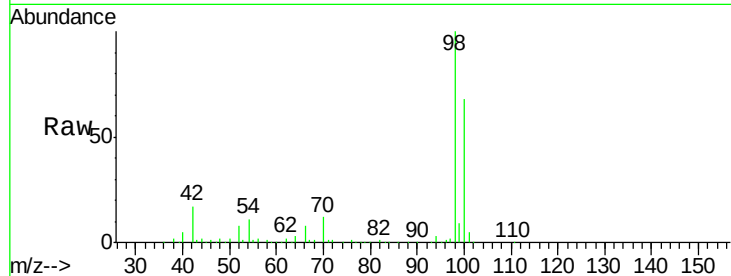




#50
Toluene-d8
Concen: 47.376 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD063007.D
Acq: 2 Jul 2019 17:28

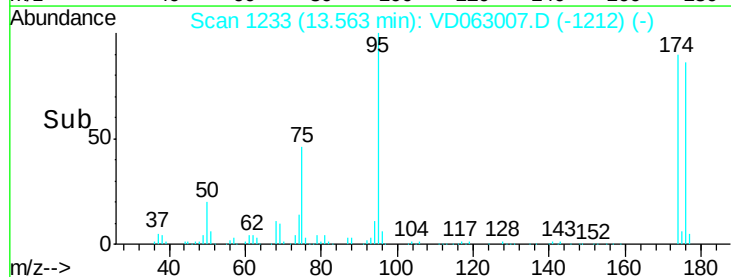
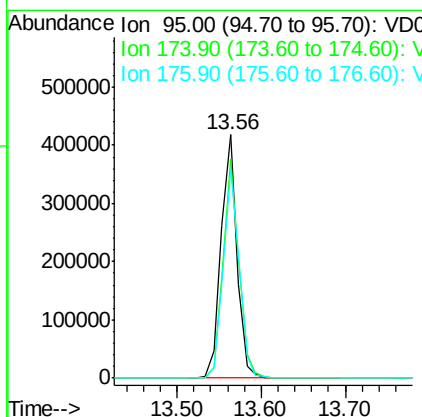
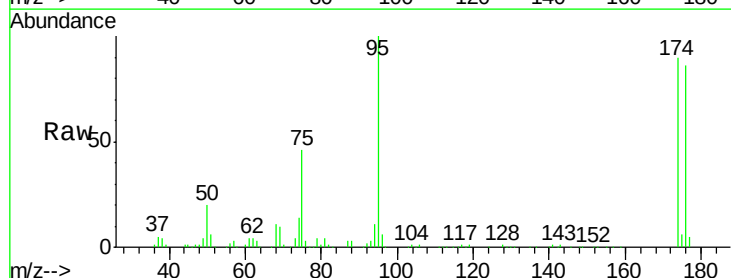
Instrument :
MSVOA_D
ClientSampleId :
GP-1

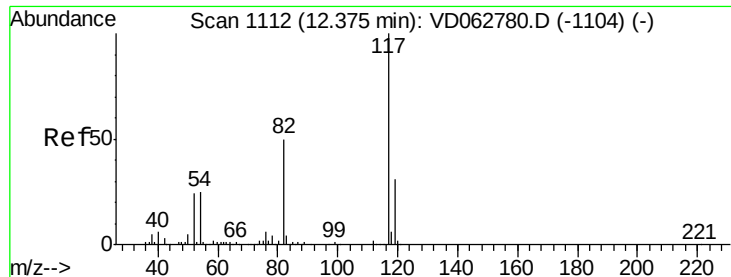
Tot Ion: 98 Resp: 1235160
Ion Ratio Lower Upper
98 100
100 68.1 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 45.928 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063007.D
Acq: 2 Jul 2019 17:28

Tgt Ion: 95 Resp: 544464
Ion Ratio Lower Upper
95 100
174 90.3 0.0 158.0
176 85.9 0.0 151.6

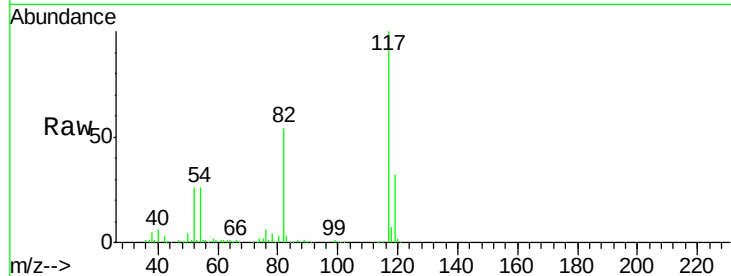




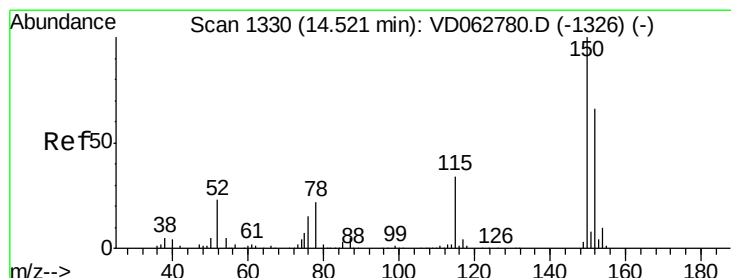
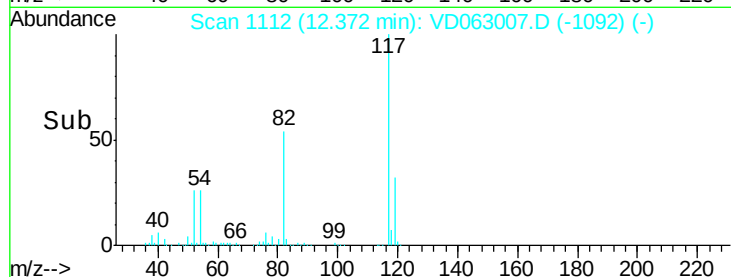
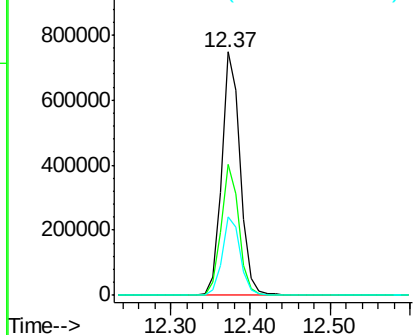
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063007.D
Acq: 2 Jul 2019 17:28

Instrument :
MSVOA_D
ClientSampled :
GP-1

Tot Ion:117 Resp: 1225637
Ion Ratio Lower Upper
117 100
82 53.9 40.4 60.6
119 32.4 25.2 37.8

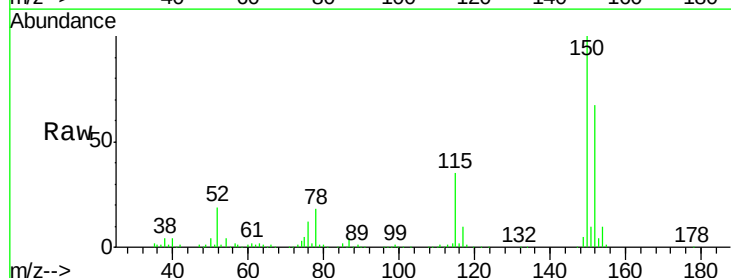


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063007.D
Acq: 2 Jul 2019 17:28

Tgt Ion:152 Resp: 629833
Ion Ratio Lower Upper
152 100
115 51.3 29.2 87.6
150 148.4 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

