

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071019\
 Data File : VD063057.D
 Acq On : 10 Jul 2019 14:45
 Operator : VA/AP
 Sample : VD0710SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0710SBL01

Quant Time: Jul 11 07:29:57 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	7.03	168	965637	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1264889	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1139598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	596247	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	479356	45.67	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	91.34%	
35) Dibromofluoromethane	6.91	113	543367	50.95	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	10.41	98	1126985	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	13.55	95	507061	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

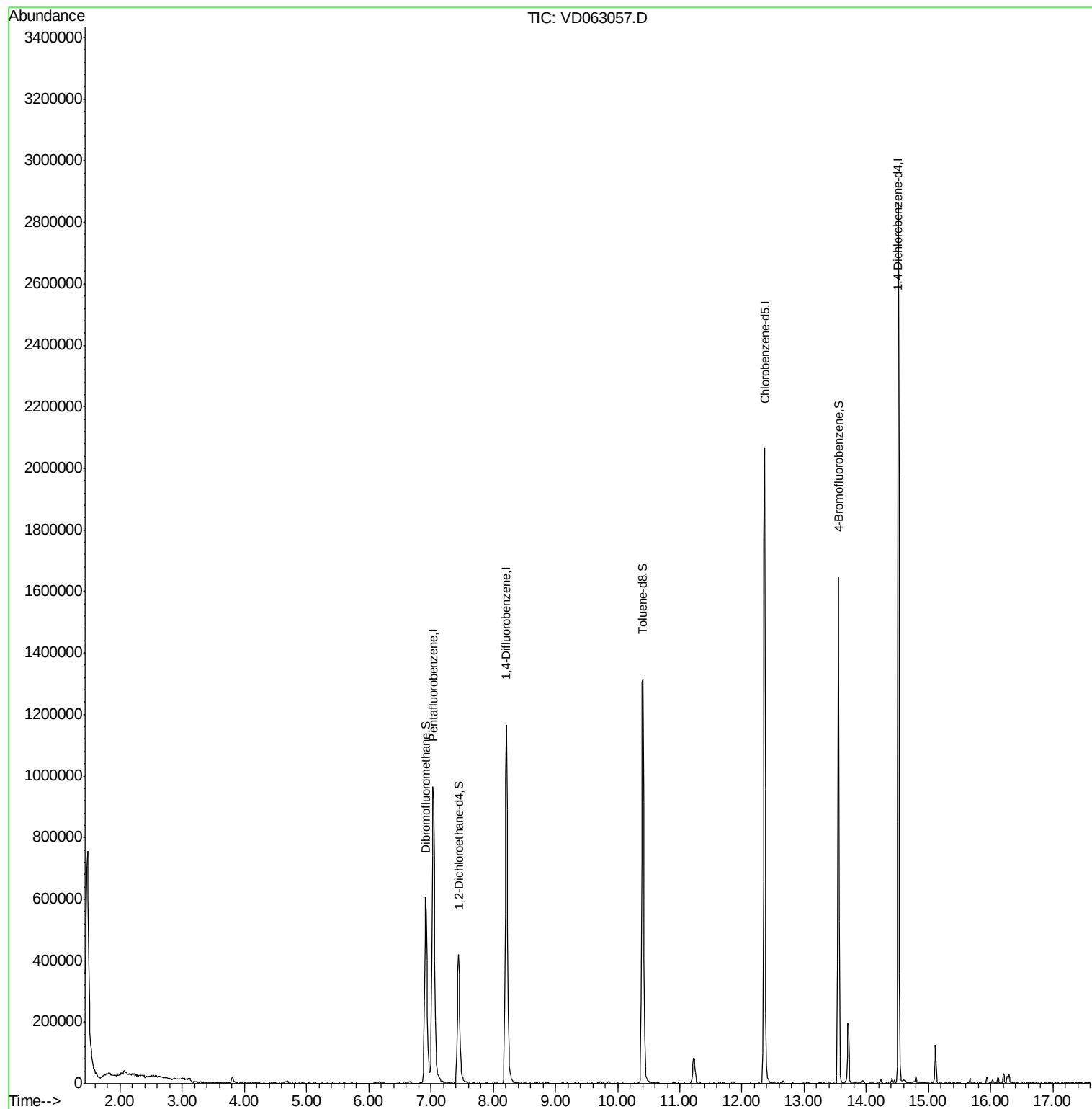
Target Compounds	Qvalue

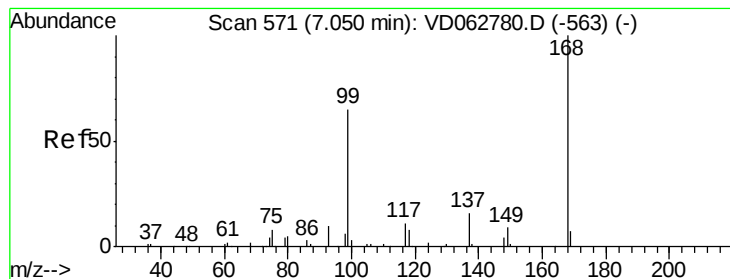
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071019\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.02 min

Lab File: VD063057.D

Acq: 10 Jul 2019 14:45

Instrument :

MSVOA_D

ClientSampleId :

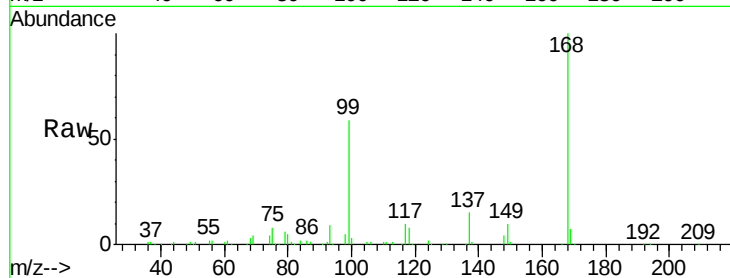
VD0710SBL01

Tot Ion:168 Resp: 965637

Ion Ratio Lower Upper

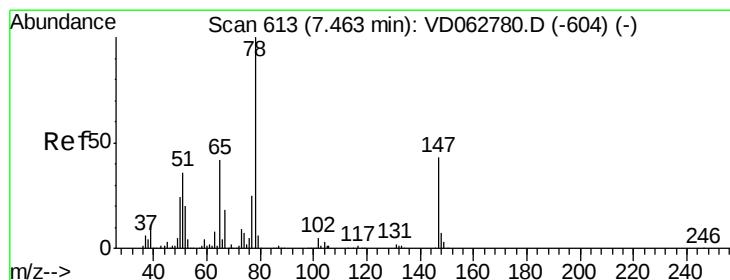
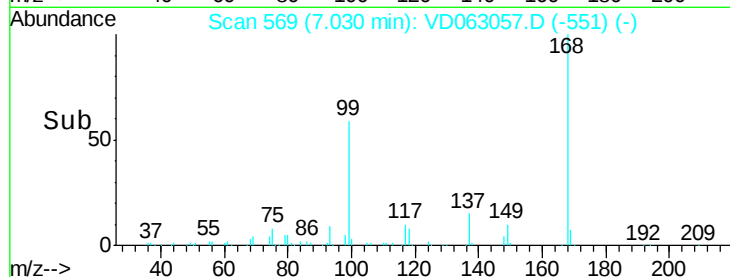
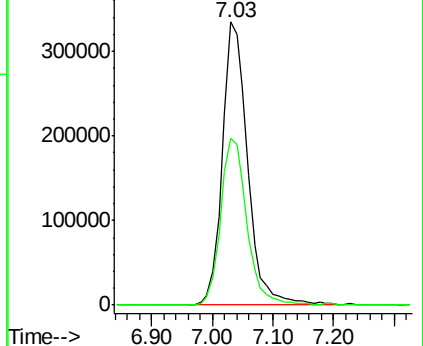
168 100

99 59.2 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: 45.669 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063057.D

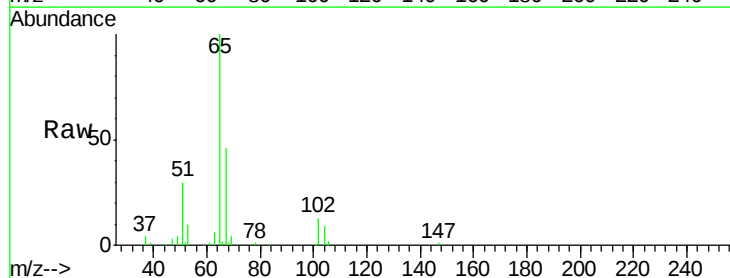
Acq: 10 Jul 2019 14:45

Tgt Ion: 65 Resp: 479356

Ion Ratio Lower Upper

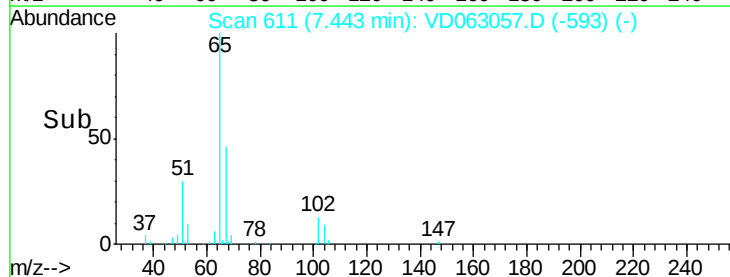
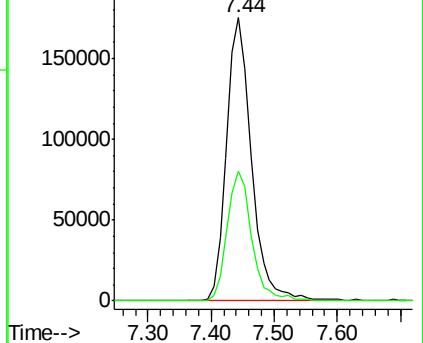
65 100

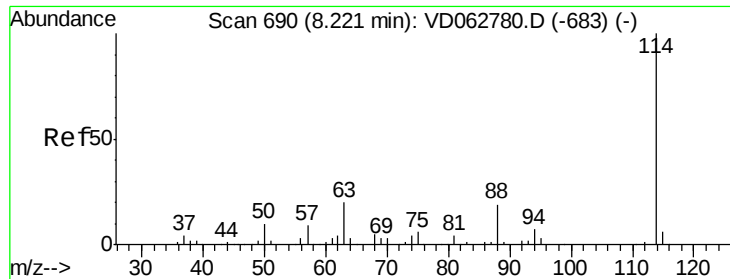
67 45.7 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

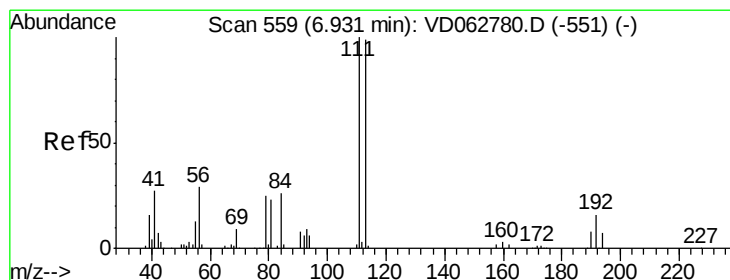
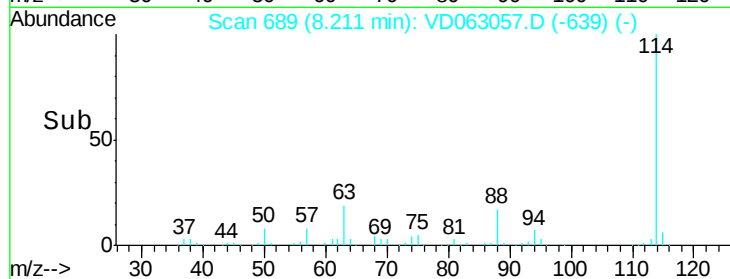
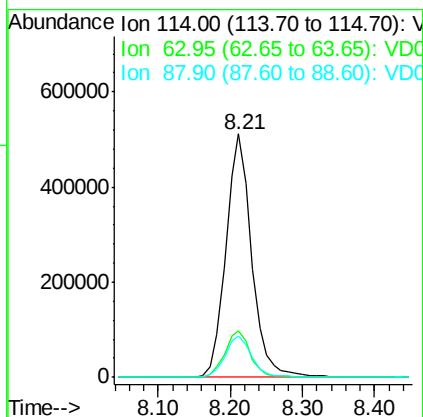
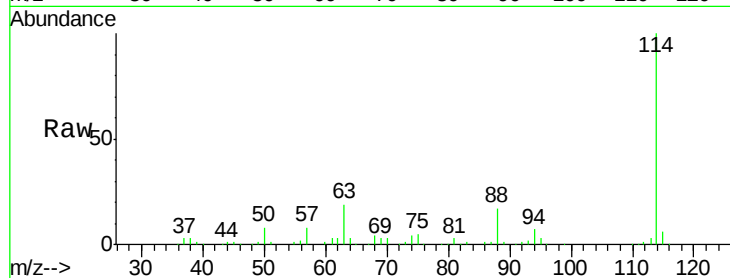




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD063057.D
 Acq: 10 Jul 2019 14:45

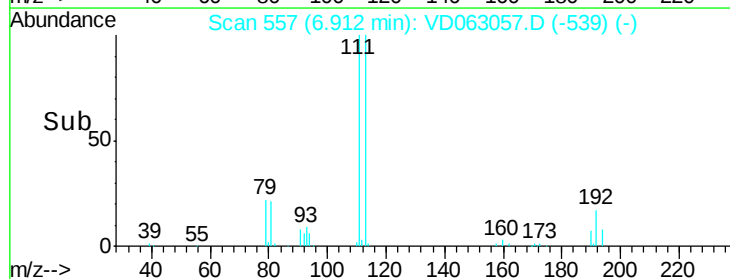
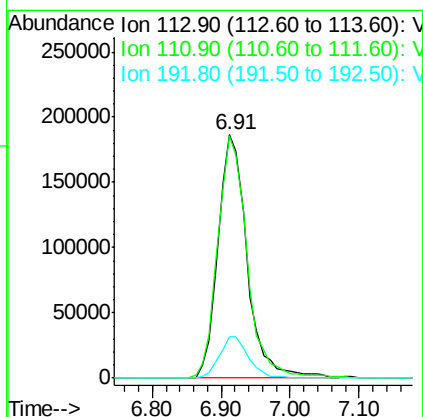
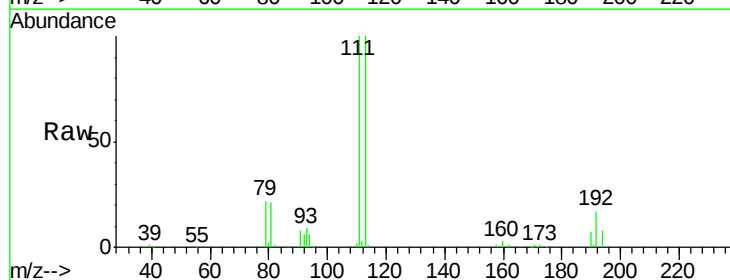
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0710SBL01

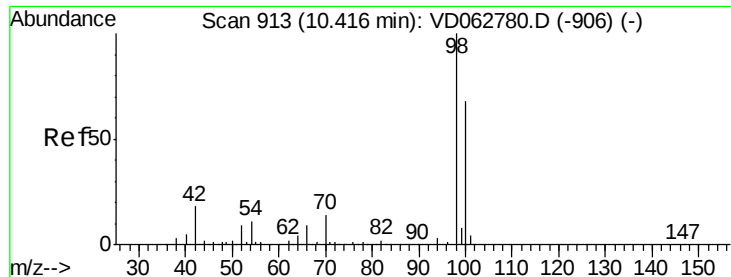
Tot Ion:114 Resp: 1264889
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.0
 88 17.2 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 50.946 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD063057.D
 Acq: 10 Jul 2019 14:45

Tgt Ion:113 Resp: 543367
 Ion Ratio Lower Upper
 113 100
 111 99.8 81.2 121.8
 192 17.1 12.9 19.3





#50

Toluene-d8

Concen: 48.550 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063057.D

Acq: 10 Jul 2019 14:45

Instrument :

MSVOA_D

ClientSampleId :

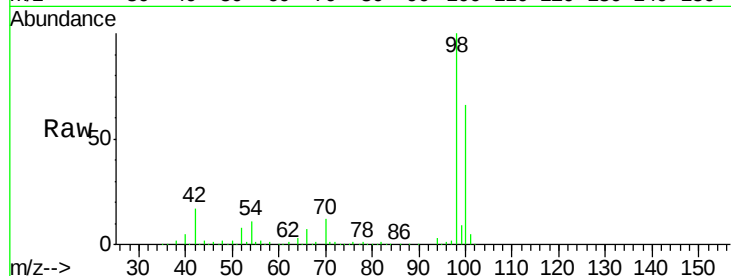
VD0710SBL01

Tot Ion: 98 Resp: 1126985

Ion Ratio Lower Upper

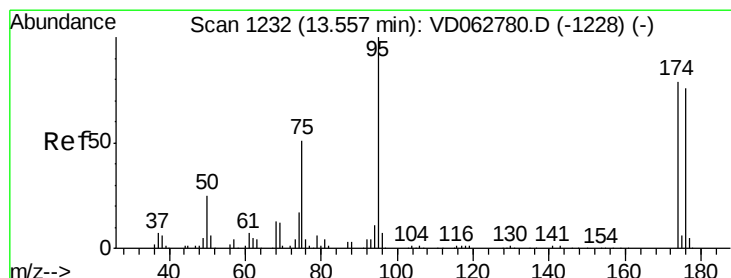
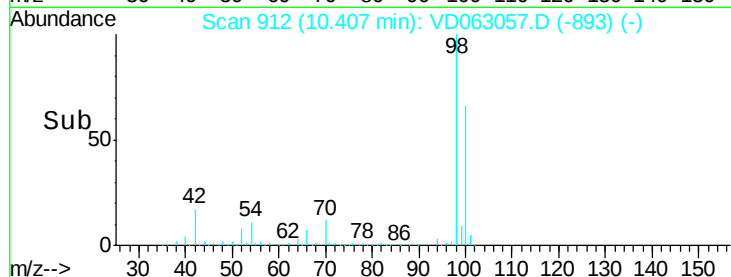
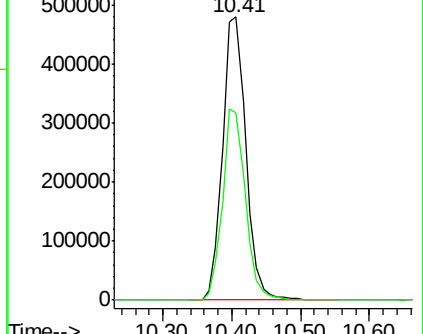
98 100

100 66.2 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 48.039 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063057.D

Acq: 10 Jul 2019 14:45

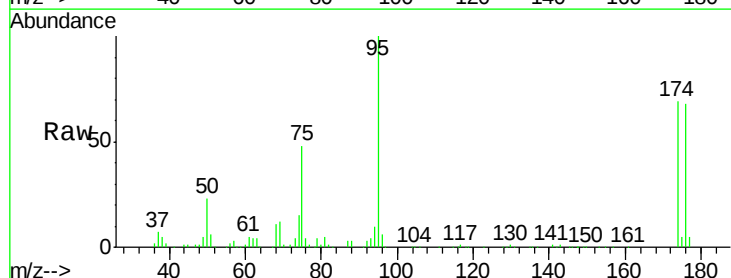
Tgt Ion: 95 Resp: 507061

Ion Ratio Lower Upper

95 100

174 69.0 0.0 158.0

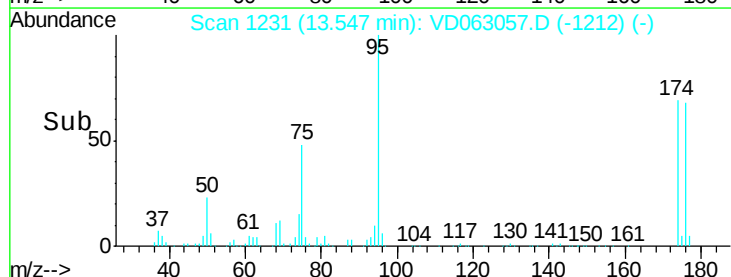
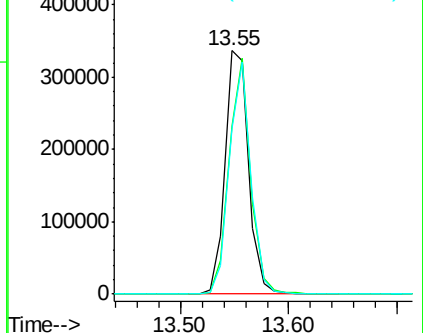
176 67.9 0.0 151.6

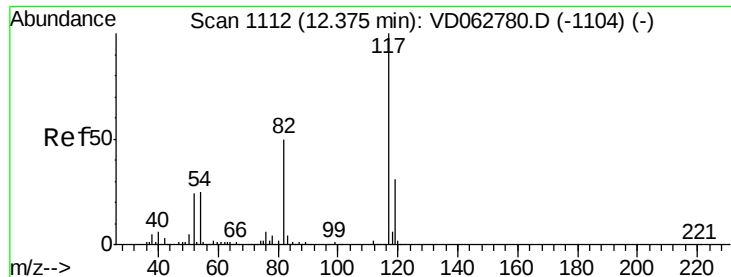


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

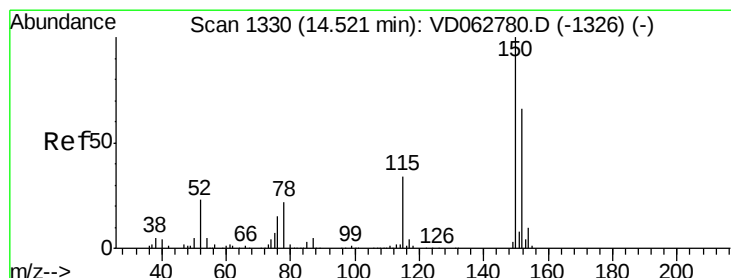
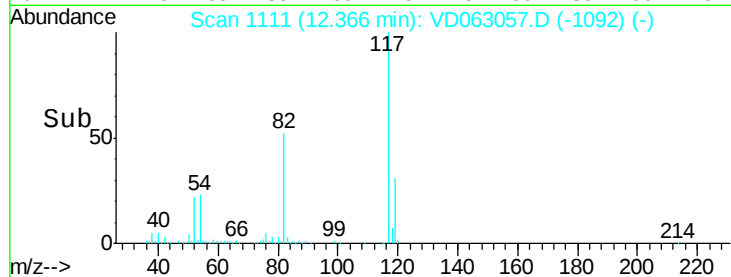
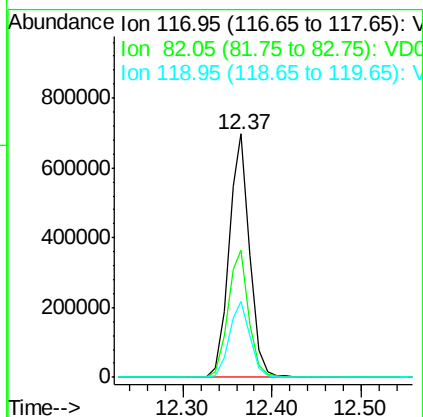
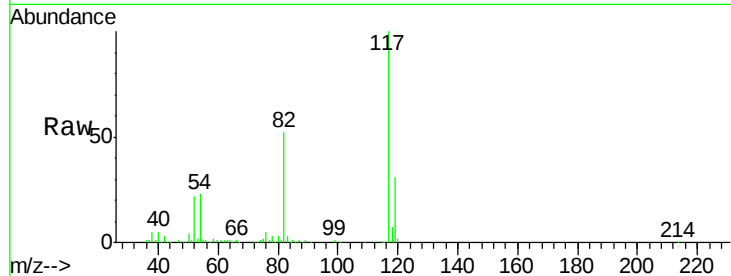




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063057.D
Acq: 10 Jul 2019 14:45

Instrument :
MSVOA_D
ClientSampleId :
VD0710SBL01

Tot Ion:117 Resp: 1139598
Ion Ratio Lower Upper
117 100
82 52.0 40.4 60.6
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063057.D
Acq: 10 Jul 2019 14:45

Tgt Ion:152 Resp: 596247
Ion Ratio Lower Upper
152 100
115 64.1 29.2 87.6
150 161.4 0.0 305.8

