

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033119\
 Data File : VD061444.D
 Acq On : 31 Mar 2019 13:50
 Operator : VA/AP
 Sample : VD0331SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0331SBL01

Quant Time: Apr 01 03:46:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	712047	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.25	114	1138434	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.38	117	847975	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.54	152	441697	50.00	ug/l	0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	281950	46.35	ug/l	0.05
Spiked Amount	50.000		Recovery	=	92.70%	
35) Dibromofluoromethane	6.95	113	437473	50.29	ug/l	0.05
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	10.43	98	1086259	52.06	ug/l	0.05
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	13.57	95	425415	53.17	ug/l	0.03
Spiked Amount	50.000		Recovery	=	106.34%	

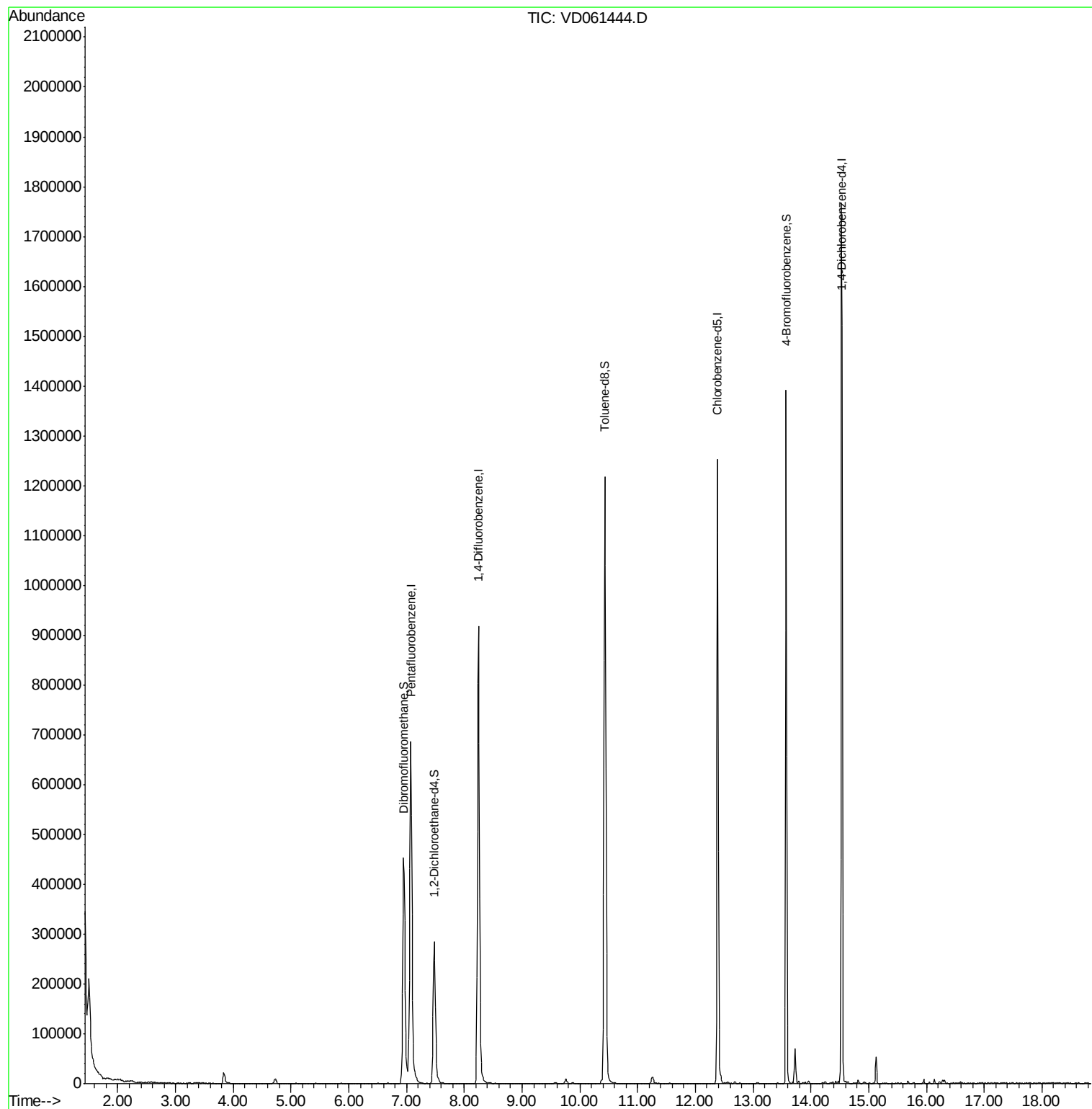
Target Compounds	Qvalue

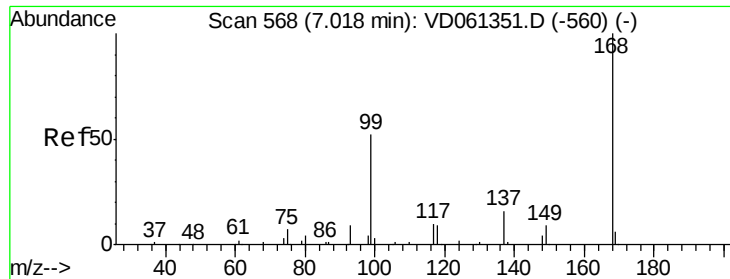
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.06 min

Lab File: VD061444.D

Acq: 31 Mar 2019 13:50

Instrument :

MSVOA_D

ClientSampleId :

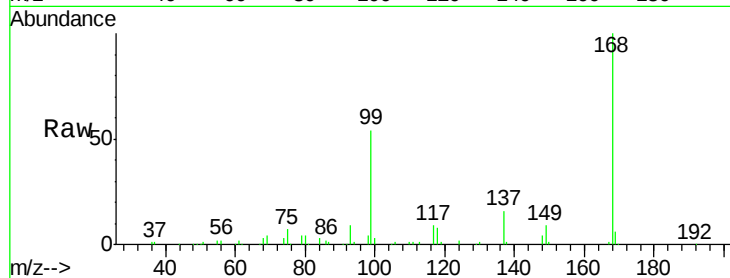
VD0331SBL01

Tgt Ion:168 Resp: 712047

Ion Ratio Lower Upper

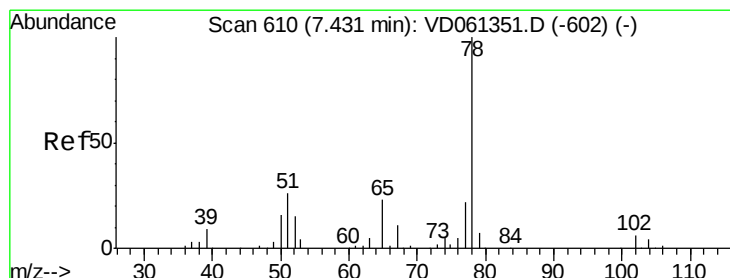
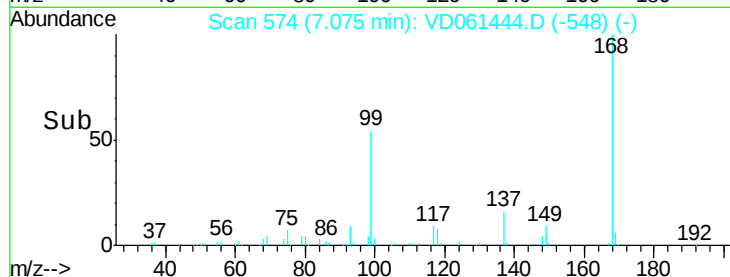
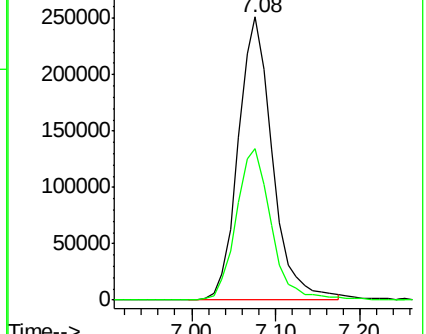
168 100

99 53.5 43.1 64.7



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: 46.353 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD061444.D

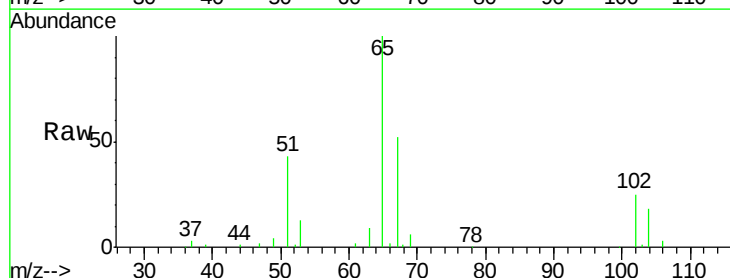
Acq: 31 Mar 2019 13:50

Tgt Ion: 65 Resp: 281950

Ion Ratio Lower Upper

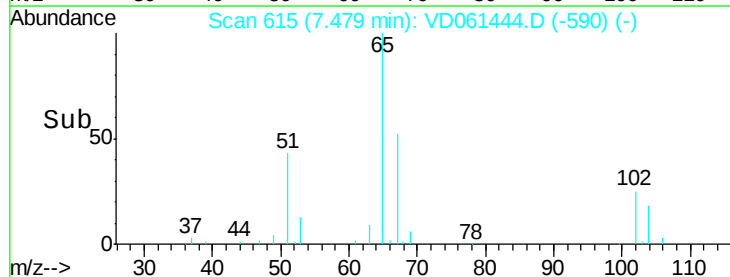
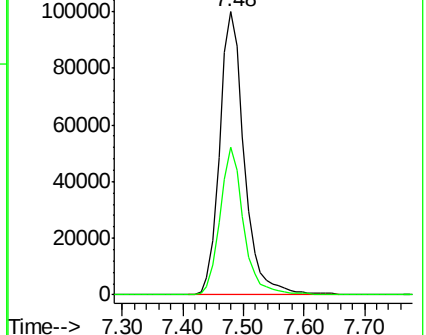
65 100

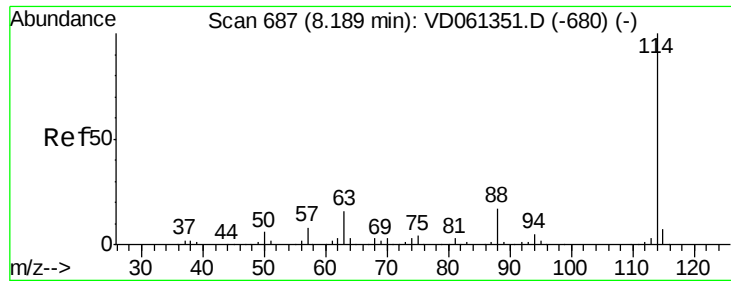
67 52.4 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

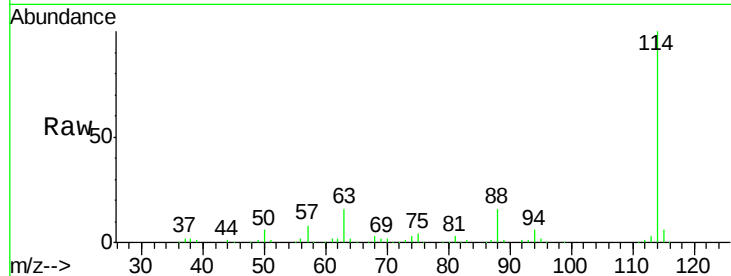




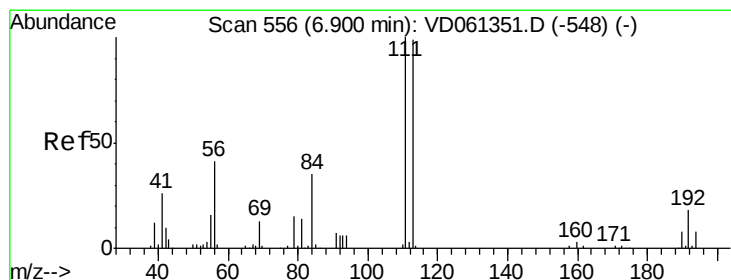
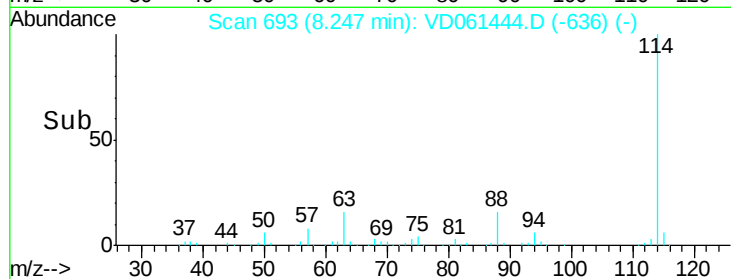
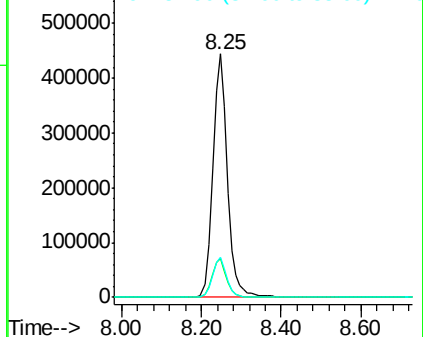
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 693
 Delta R.T. 0.06 min
 Lab File: VD061444.D
 Acq: 31 Mar 2019 13:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0331SBL01

Tgt Ion:114 Resp: 1138434
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.6
 88 16.2 0.0 33.4

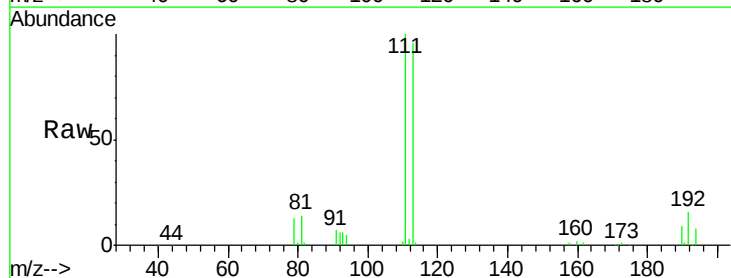


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

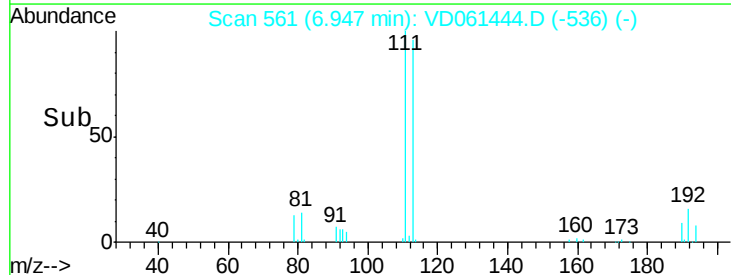
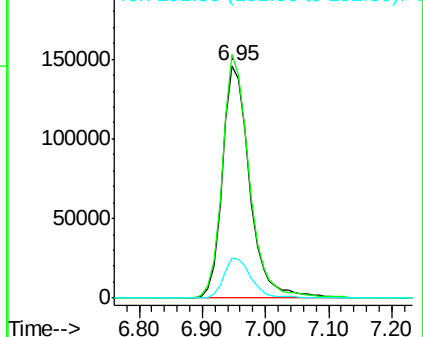


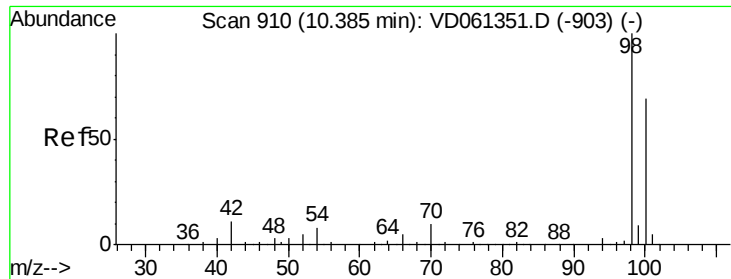
#35
 Dibromofluoromethane
 Concen: 50.286 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD061444.D
 Acq: 31 Mar 2019 13:50

Tgt Ion:113 Resp: 437473
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.0 121.6
 192 17.3 14.4 21.6



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

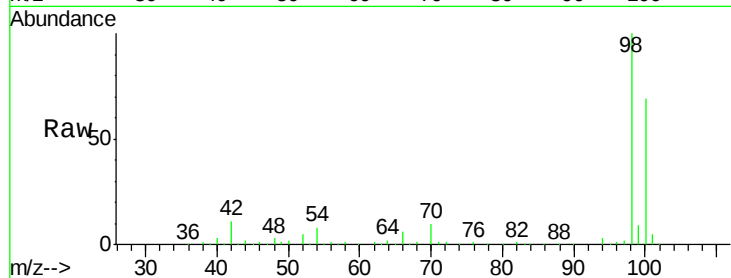




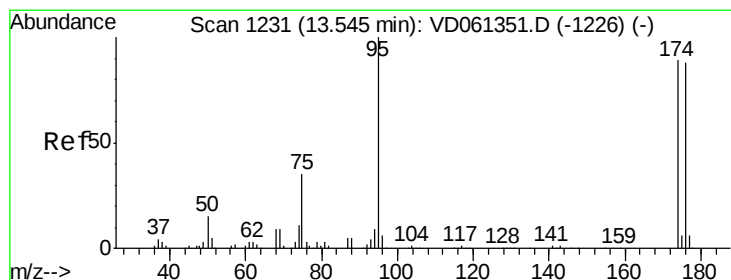
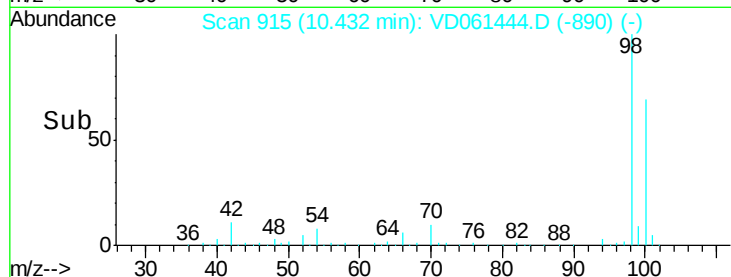
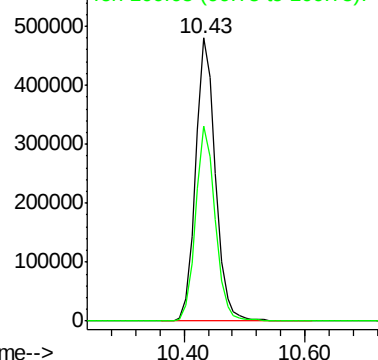
#50
Toluene-d8
Concen: 52.059 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.05 min
Lab File: VD061444.D
Acq: 31 Mar 2019 13:50

Instrument :
MSVOA_D
ClientSampleId :
VD0331SBL01

Tgt Ion: 98 Resp: 1086259
Ion Ratio Lower Upper
98 100
100 68.8 56.2 84.2

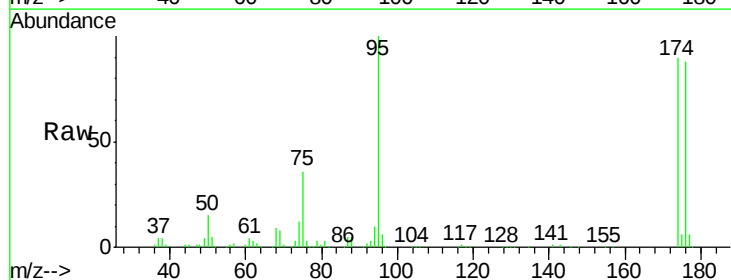


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

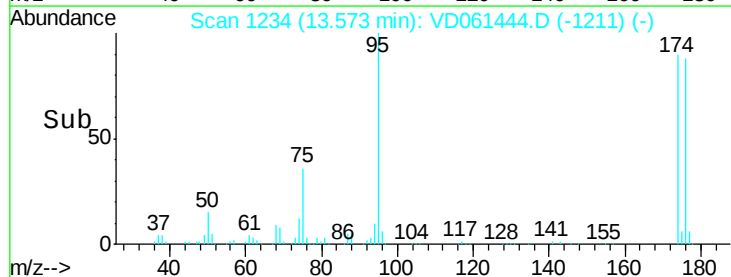
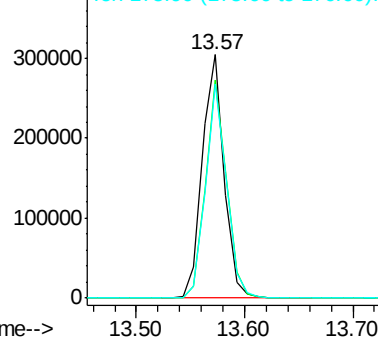


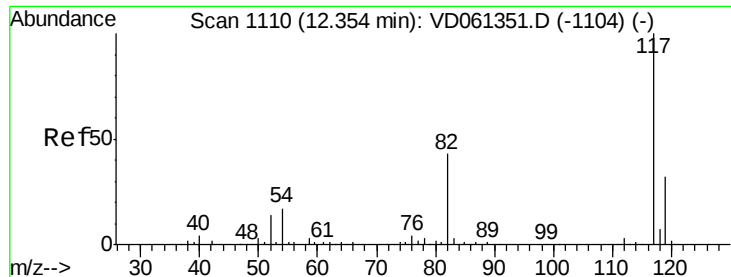
#62
4-Bromofluorobenzene
Concen: 53.167 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.03 min
Lab File: VD061444.D
Acq: 31 Mar 2019 13:50

Tgt Ion: 95 Resp: 425415
Ion Ratio Lower Upper
95 100
174 89.7 0.0 178.0
176 87.8 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

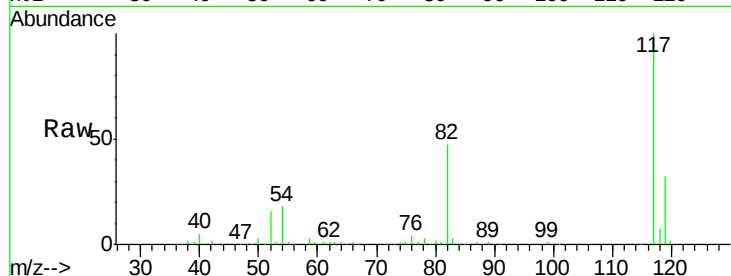




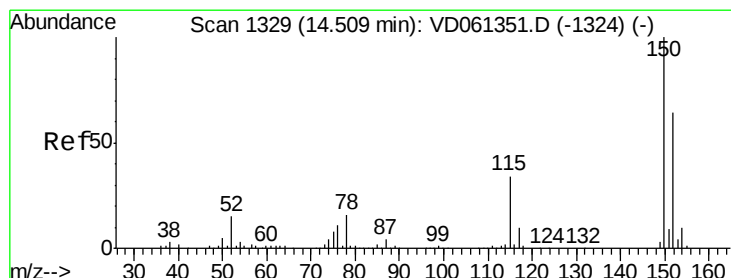
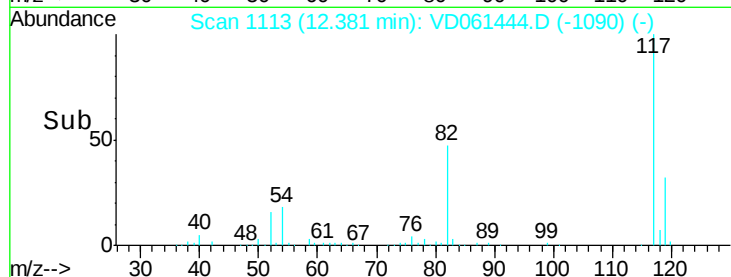
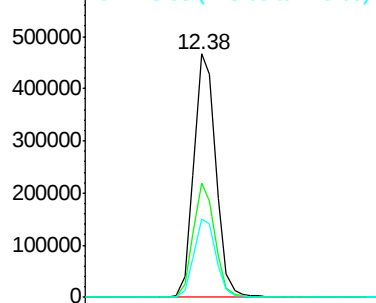
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061444.D
Acq: 31 Mar 2019 13:50

Instrument :
MSVOA_D
ClientSampleId :
VD0331SBL01

Tgt Ion:117 Resp: 847975
Ion Ratio Lower Upper
117 100
82 47.2 34.4 51.6
119 32.3 25.8 38.6

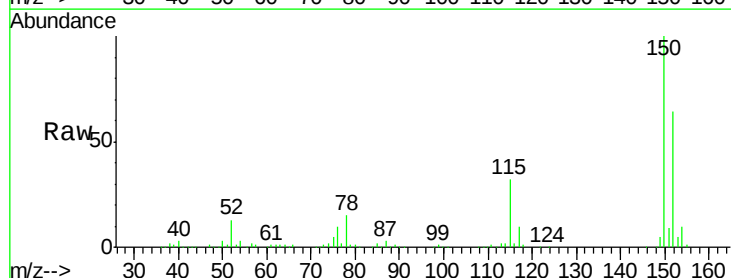


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1332
Delta R.T. 0.03 min
Lab File: VD061444.D
Acq: 31 Mar 2019 13:50

Tgt Ion:152 Resp: 441697
Ion Ratio Lower Upper
152 100
115 50.2 26.9 80.6
150 155.2 0.0 318.0



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

