

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061546.D
 Acq On : 3 Apr 2019 8:42
 Operator : VA/AP
 Sample : K2214-03
 Misc : 4.76g/5ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-S

Quant Time: Apr 04 01:05:41 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

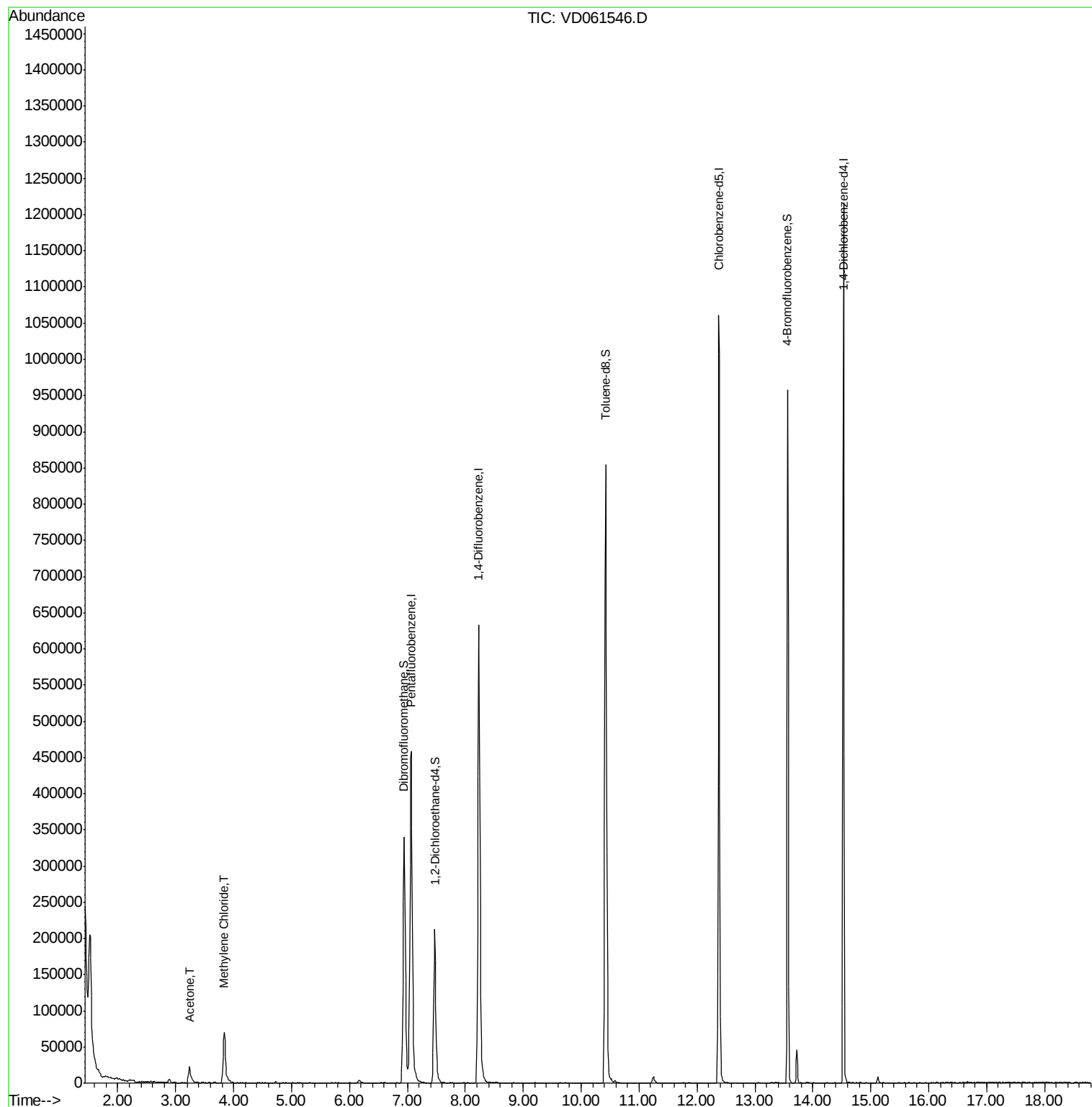
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	474238	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.23	114	819239	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	685310	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	280684	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	212599	52.48	ug/l	0.04
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	6.94	113	329818	52.68	ug/l	0.04
Spiked Amount 50.000			Recovery	=	105.36%	
50) Toluene-d8	10.42	98	732033	48.75	ug/l	0.04
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	13.56	95	290092	50.38	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.76%	
Target Compounds						
16) Acetone	3.24	43	50325	48.324	ug/l #	88
20) Methylene Chloride	3.84	84	53611	7.560	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040219\
Data File : VD061546.D
Acq On : 3 Apr 2019 8:42
Operator : VA/AP
Sample : K2214-03
Misc : 4.76g/5ml/MSVOA D/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-2-S

Quant Time: Apr 04 01:05:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD061546.D

Acq: 3 Apr 2019 8:42

Instrument :

MSVOA_D

ClientSampleId :

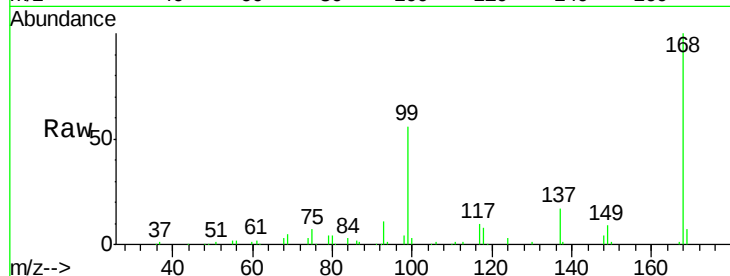
TP-2-S

Tot Ion:168 Resp: 474238

Ion Ratio Lower Upper

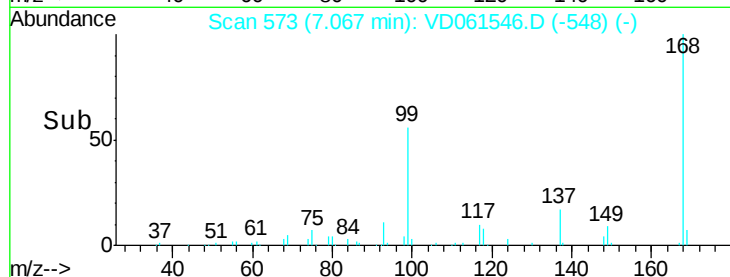
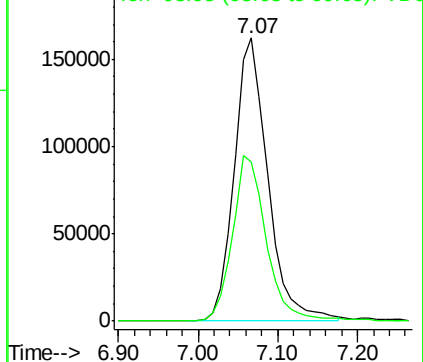
168 100

99 56.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 48.324 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD061546.D

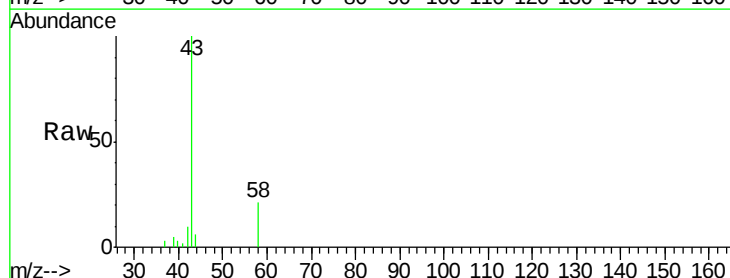
Acq: 3 Apr 2019 8:42

Tgt Ion: 43 Resp: 50325

Ion Ratio Lower Upper

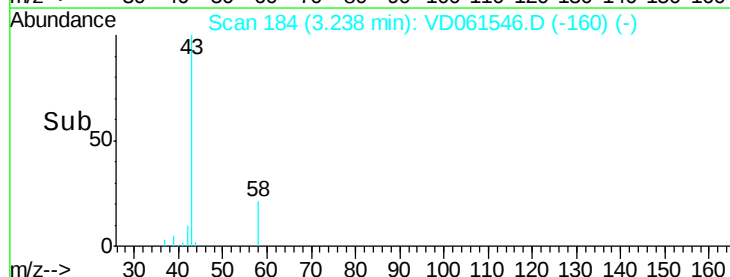
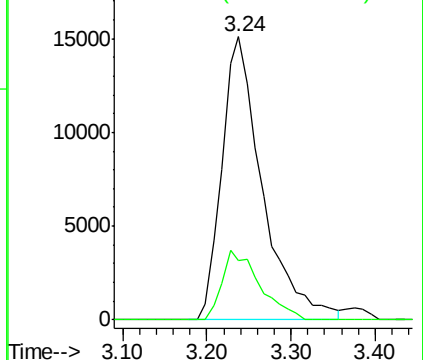
43 100

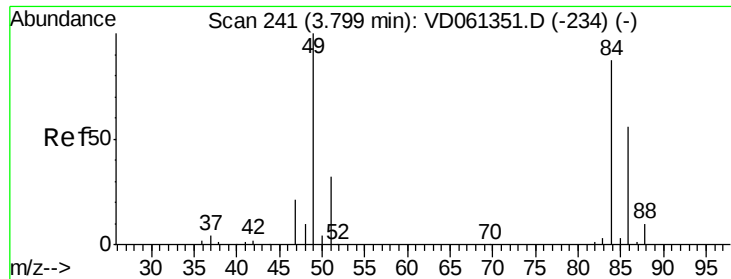
58 20.8 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

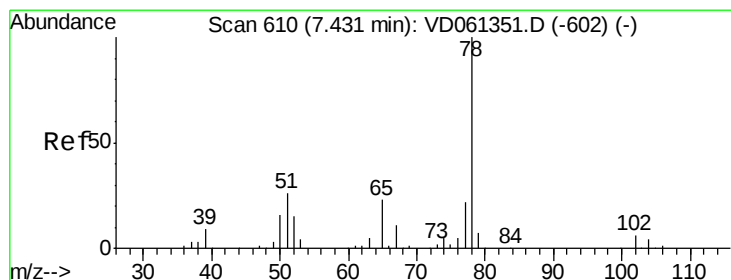
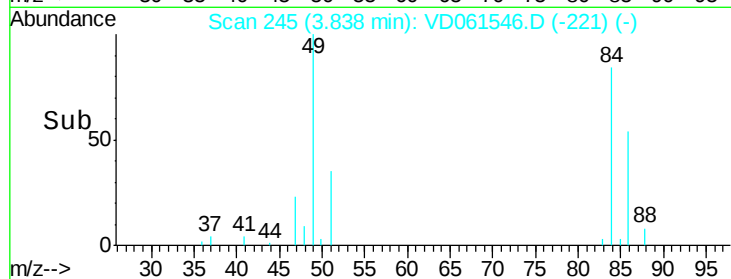
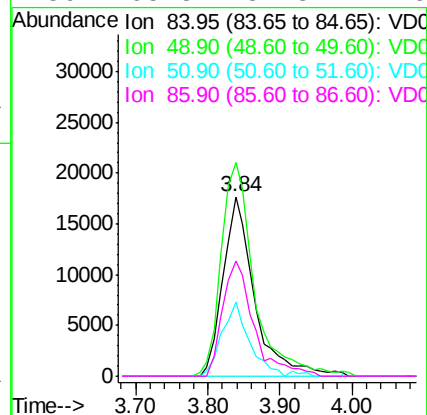
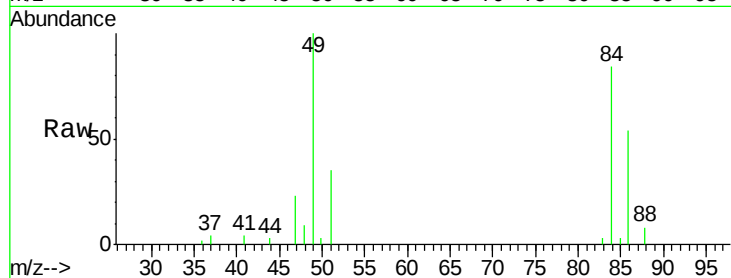




#20
Methylene Chloride
Concen: 7.560 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.04 min
Lab File: VD061546.D
Acq: 3 Apr 2019 8:42

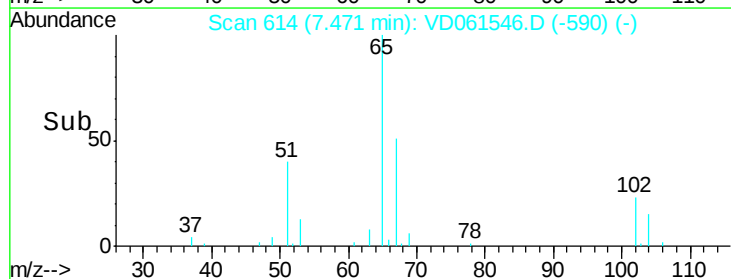
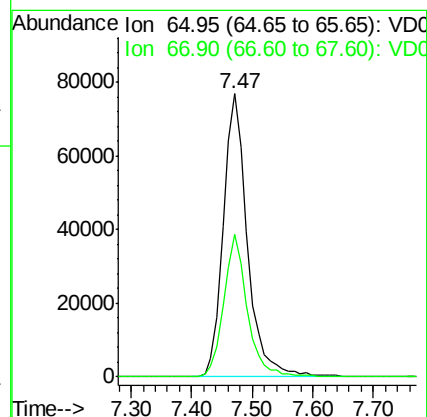
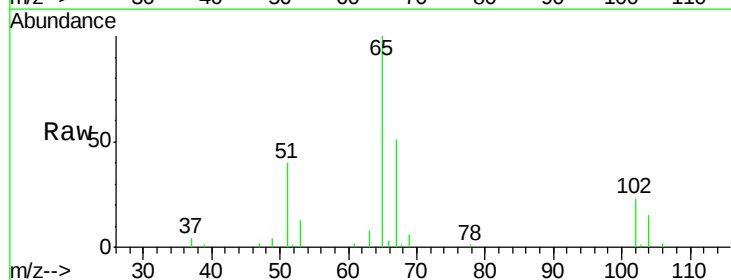
Instrument :
MSVOA_D
ClientSampleId :
TP-2-S

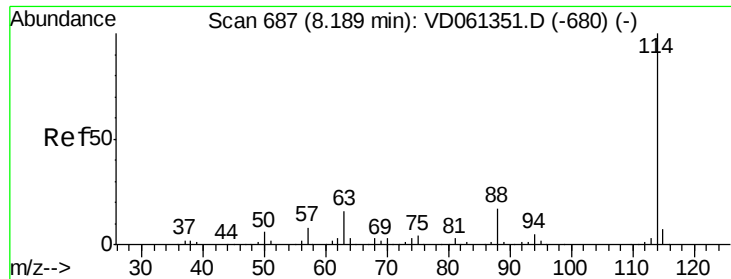
Tot Ion: 84 Resp: 53611
Ion Ratio Lower Upper
84 100
49 118.9 91.8 137.8
51 41.1 29.8 44.8
86 63.8 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.04 min
Lab File: VD061546.D
Acq: 3 Apr 2019 8:42

Tgt Ion: 65 Resp: 212599
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.8

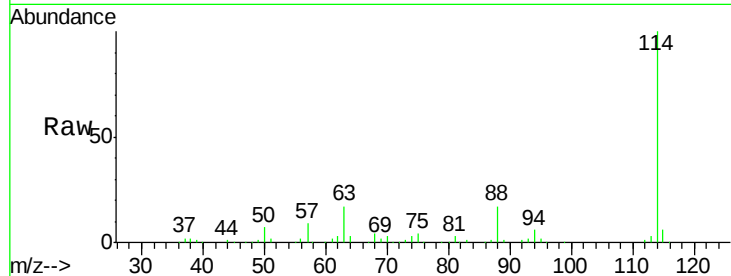




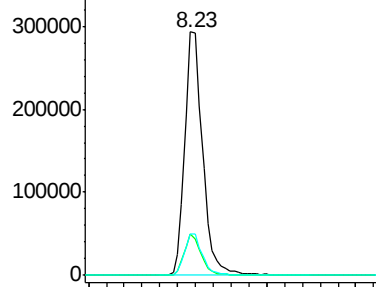
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.04 min
 Lab File: VD061546.D
 Acq: 3 Apr 2019 8:42

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-S

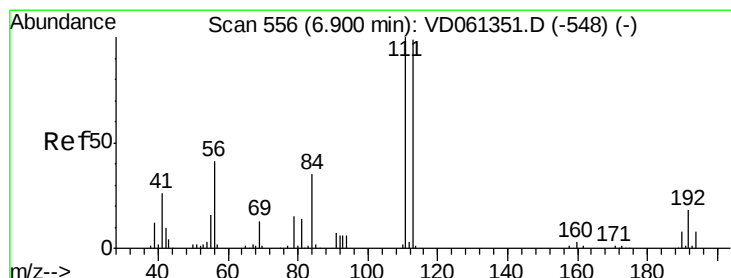
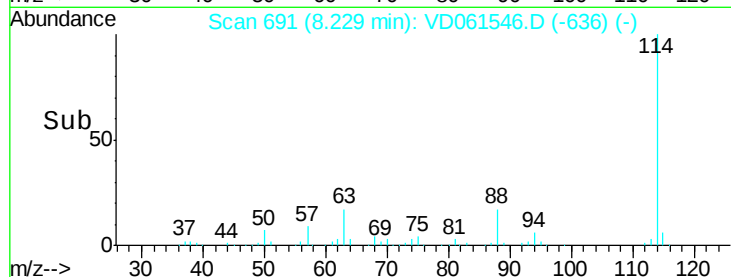
Tot Ion:114 Resp: 819239
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 31.6
 88 17.2 0.0 33.4



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

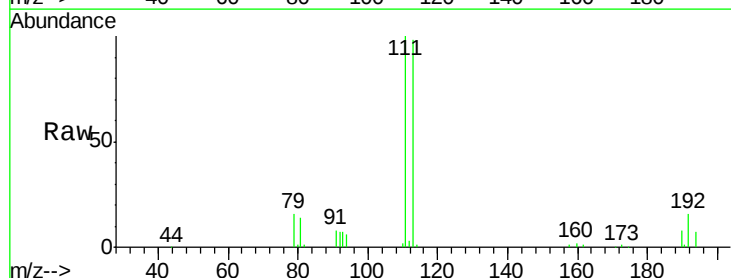


Time--> 8.00 8.20 8.40 8.60

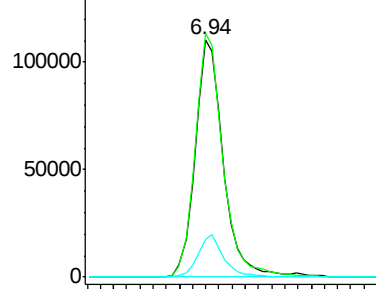


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD061546.D
 Acq: 3 Apr 2019 8:42

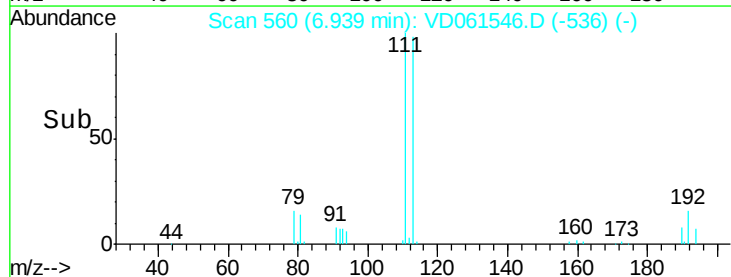
Tgt Ion:113 Resp: 329818
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.0 121.6
 192 15.9 14.4 21.6

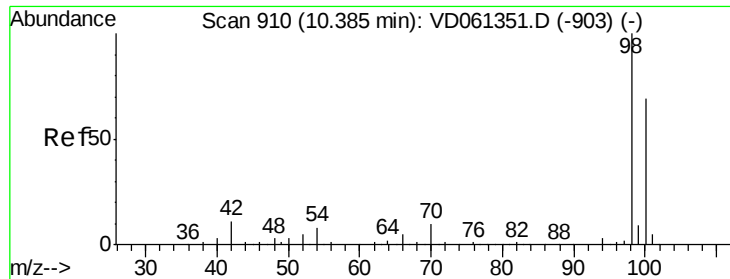


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V



Time--> 6.80 6.90 7.00 7.10





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.04 min

Lab File: VD061546.D

Acq: 3 Apr 2019 8:42

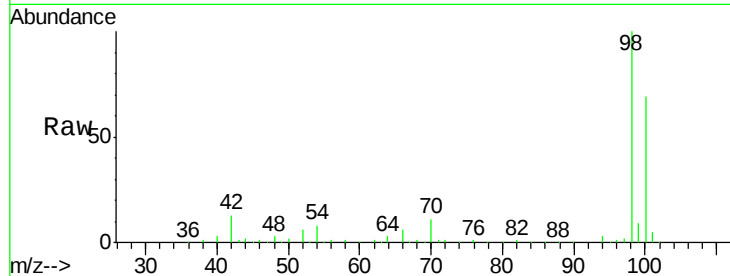
Instrument :
MSVOA_D
ClientSampleId :
TP-2-S

Tot Ion: 98 Resp: 732033

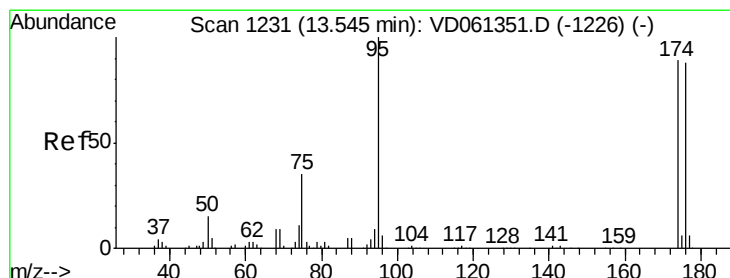
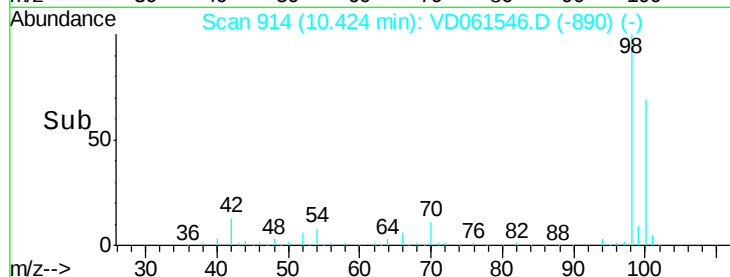
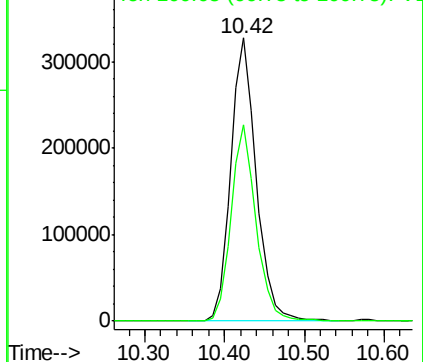
Ion Ratio Lower Upper

98 100

100 69.5 56.2 84.2



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



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD061546.D

Acq: 3 Apr 2019 8:42

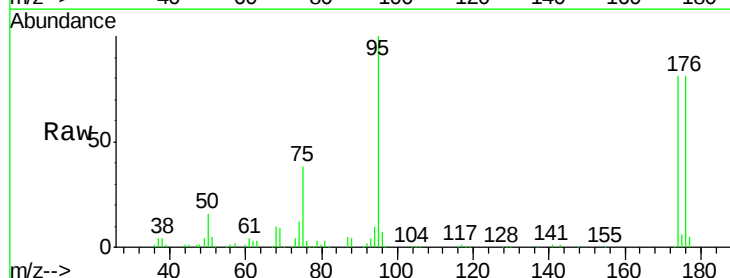
Tgt Ion: 95 Resp: 290092

Ion Ratio Lower Upper

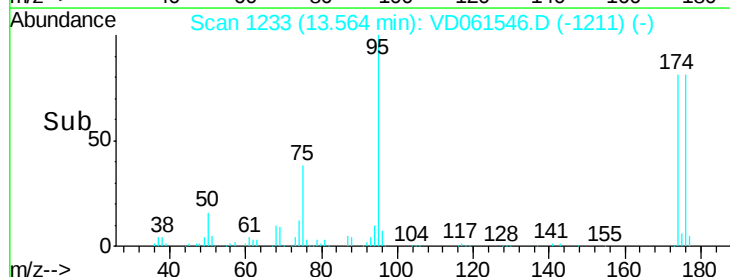
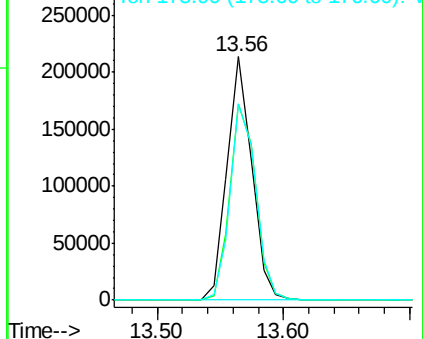
95 100

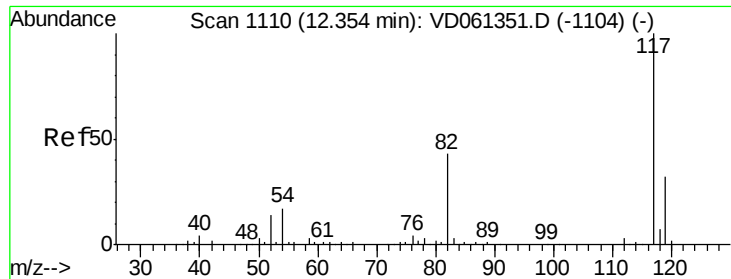
174 80.7 0.0 178.0

176 80.5 0.0 175.0



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

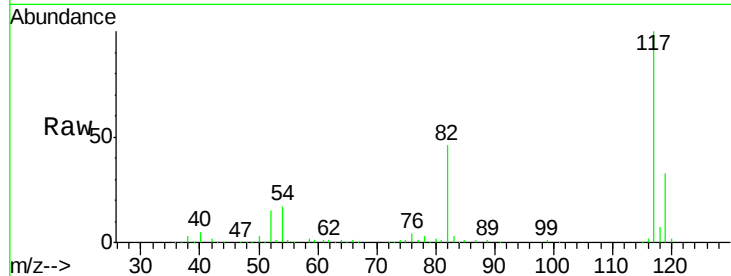




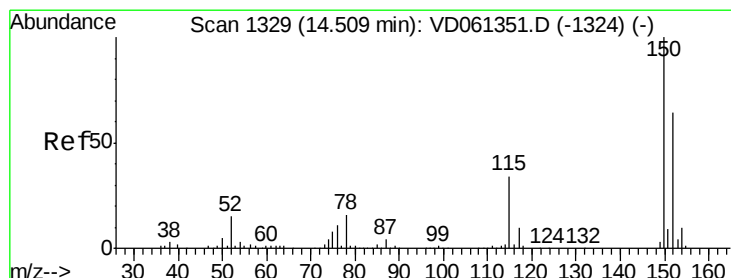
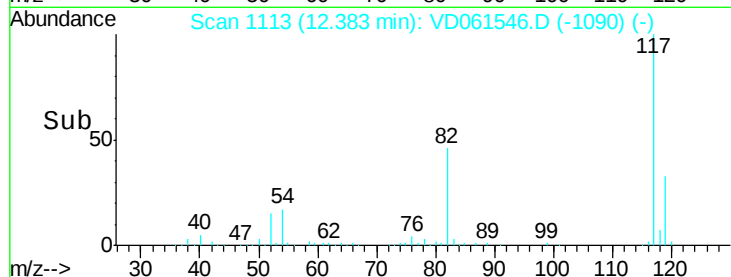
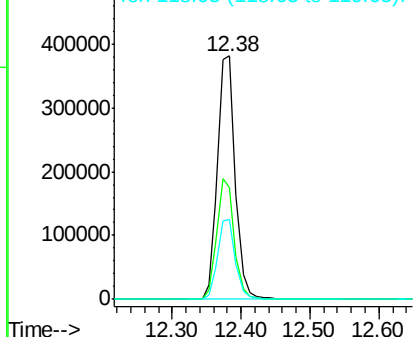
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061546.D
Acq: 3 Apr 2019 8:42

Instrument :
MSVOA_D
ClientSampled :
TP-2-S

Tot Ion:117 Resp: 685310
Ion Ratio Lower Upper
117 100
82 45.8 34.4 51.6
119 33.0 25.8 38.6

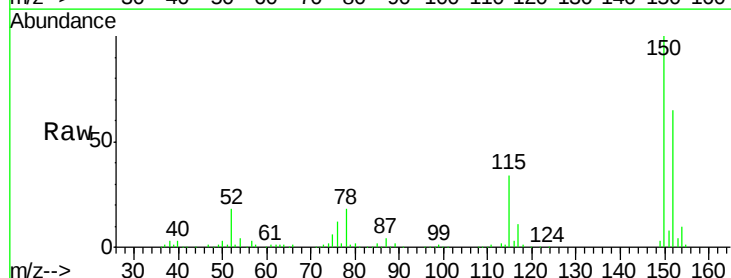


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD061546.D
Acq: 3 Apr 2019 8:42

Tgt Ion:152 Resp: 280684
Ion Ratio Lower Upper
152 100
115 53.1 26.9 80.6
150 154.1 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

