

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
 Data File : VD061087.D
 Acq On : 15 Mar 2019 15:19
 Operator : VA/AP
 Sample : K1901-05RE
 Misc : 4.52g/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4(0.5-1.5)RE

Quant Time: Mar 16 06:23:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

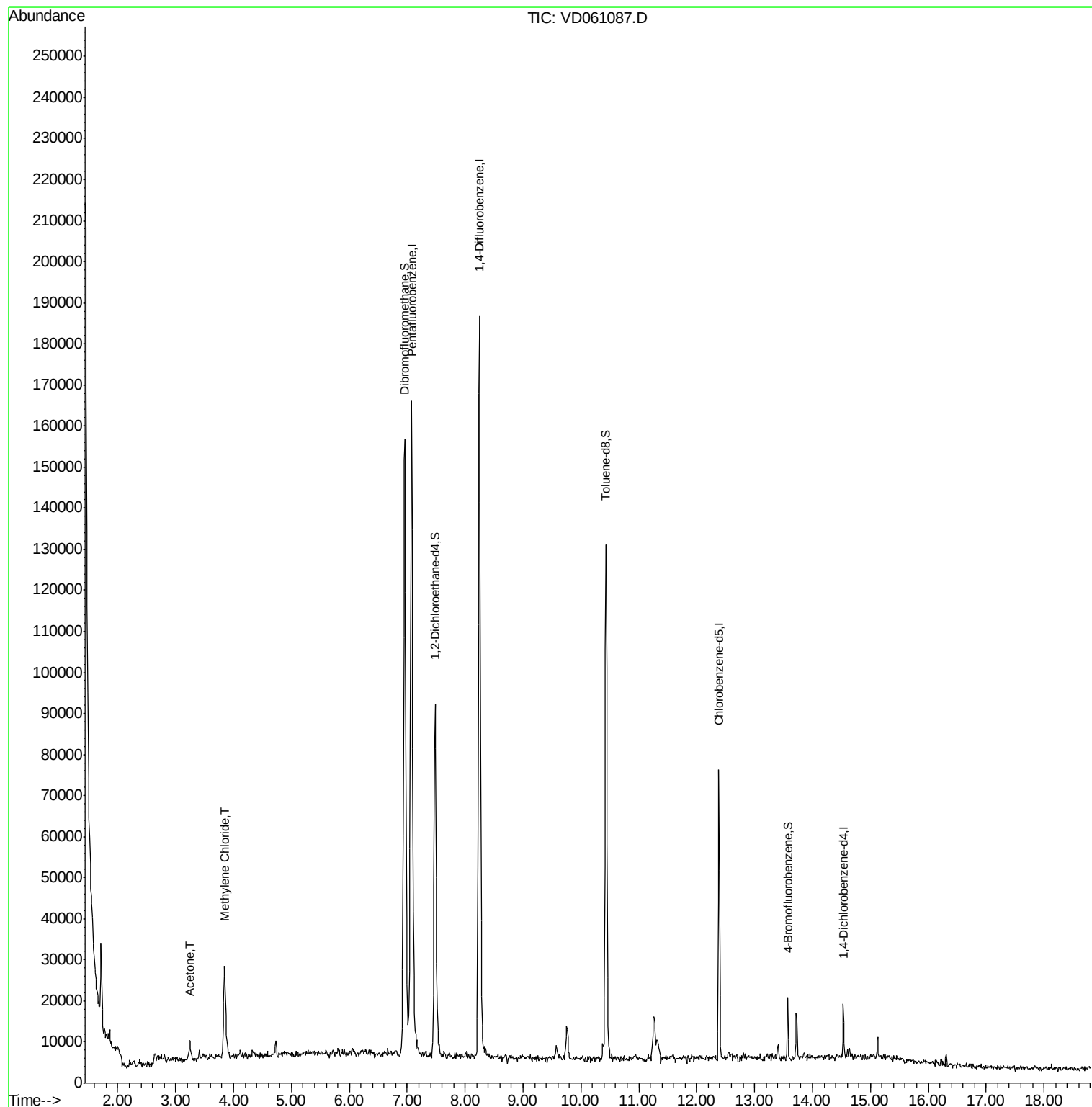
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	167607	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.25	114	236516	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	43701	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	3221	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	80089	57.41	ug/l	0.03
Spiked Amount 50.000			Recovery	=	114.82%	
35) Dibromofluoromethane	6.96	113	146251	83.32	ug/l	0.03
Spiked Amount 50.000			Recovery	=	166.64%	
50) Toluene-d8	10.43	98	111871	25.38	ug/l	0.03
Spiked Amount 50.000			Recovery	=	50.76%	
62) 4-Bromofluorobenzene	13.56	95	5807	3.40	ug/l	0.01
Spiked Amount 50.000			Recovery	=	6.80%	
Target Compounds						
16) Acetone	3.25	43	9220	23.111	ug/l	96
20) Methylene Chloride	3.85	84	16770	5.024	ug/l	90

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
Data File : VD061087.D
Acq On : 15 Mar 2019 15:19
Operator : VA/AP
Sample : K1901-05RE
Misc : 4.52g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-4(0.5-1.5)RE

Quant Time: Mar 16 06:23:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061087.D

Acq: 15 Mar 2019 15:19

Instrument :

MSVOA_D

ClientSampleId :

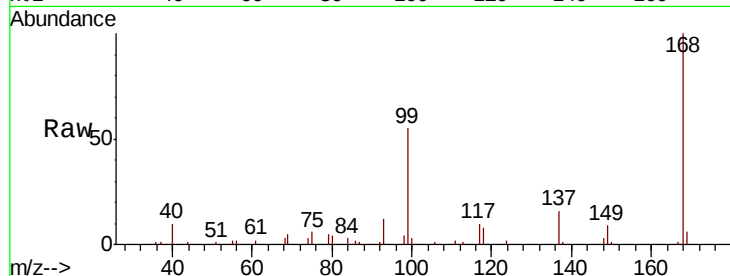
SB-4(0.5-1.5)RE

Tgt Ion:168 Resp: 167607

Ion Ratio Lower Upper

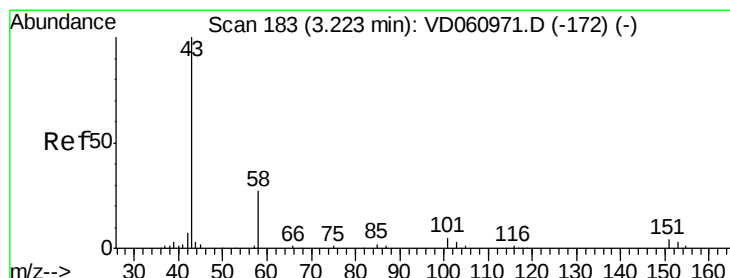
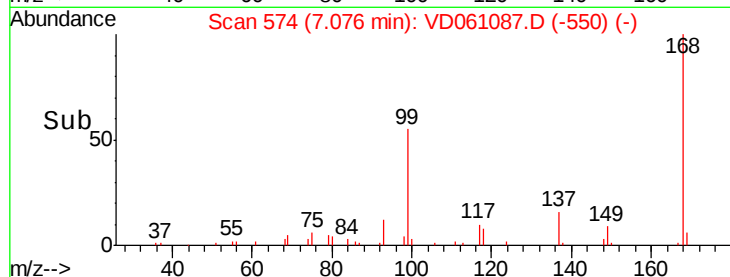
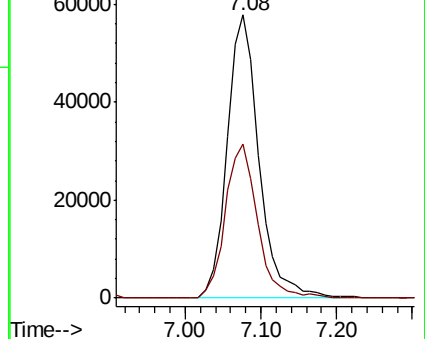
168 100

99 54.5 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 23.111 ug/l

RT: 3.25 min Scan# 185

Delta R.T. 0.02 min

Lab File: VD061087.D

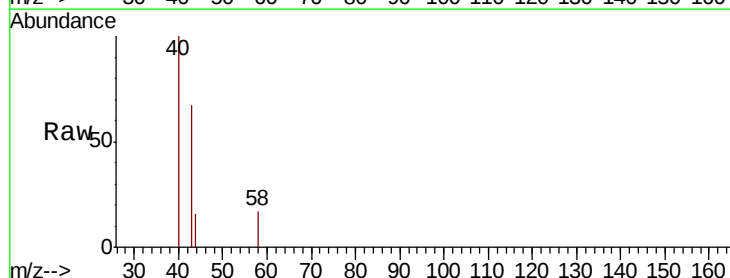
Acq: 15 Mar 2019 15:19

Tgt Ion: 43 Resp: 9220

Ion Ratio Lower Upper

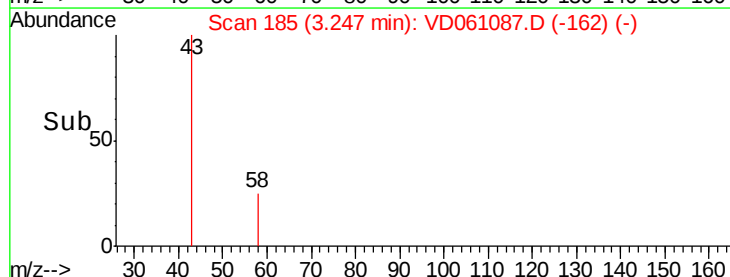
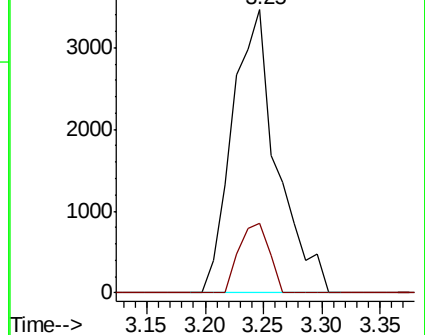
43 100

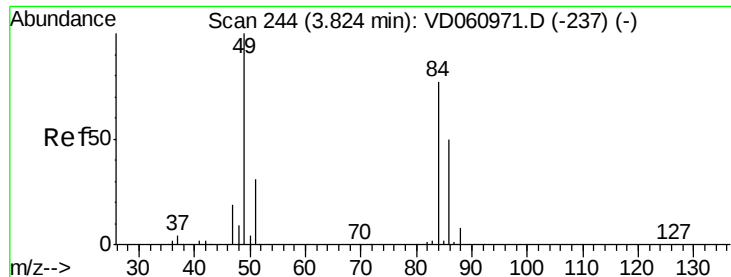
58 24.7 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

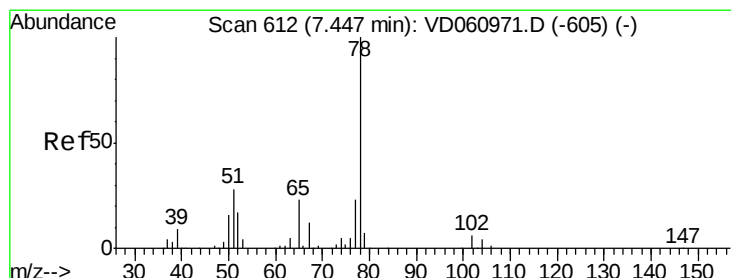
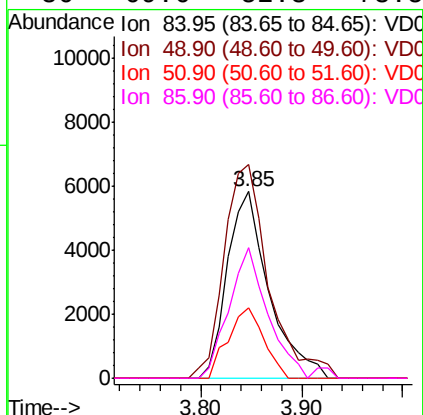
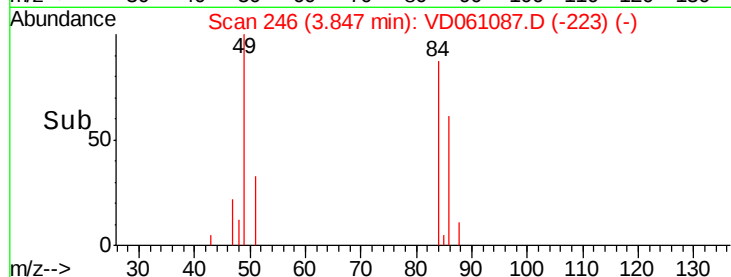
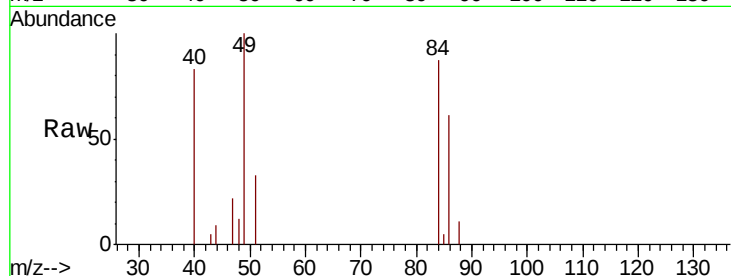




#20
Methylene Chloride
Concen: 5.024 ug/l
RT: 3.85 min Scan# 246
Delta R.T. 0.02 min
Lab File: VD061087.D
Acq: 15 Mar 2019 15:19

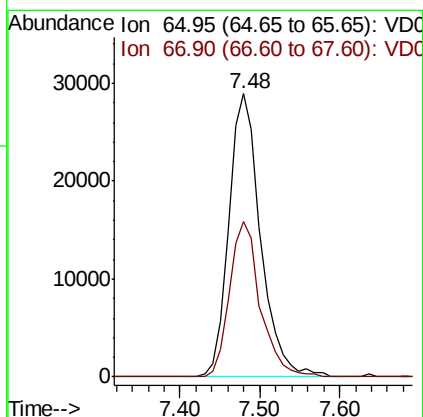
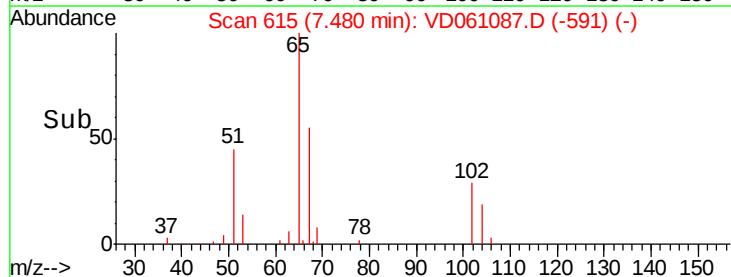
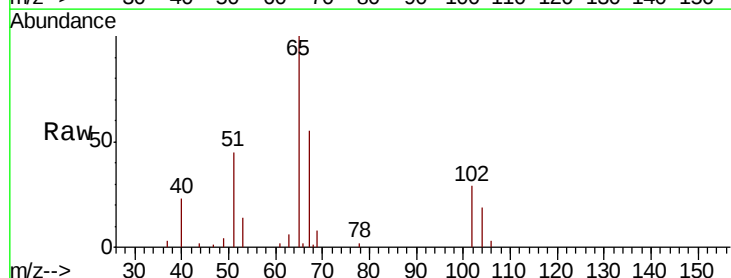
Instrument :
MSVOA_D
ClientSampleId :
SB-4(0.5-1.5)RE

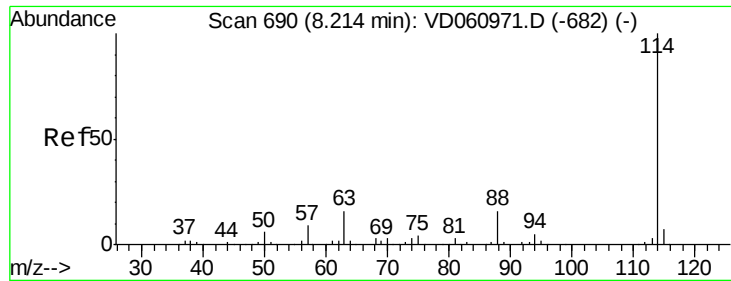
Tgt Ion: 84 Resp: 16770
Ion Ratio Lower Upper
84 100
49 114.3 104.2 156.2
51 37.4 32.3 48.5
86 69.6 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD061087.D
Acq: 15 Mar 2019 15:19

Tgt Ion: 65 Resp: 80089
Ion Ratio Lower Upper
65 100
67 55.1 0.0 105.2

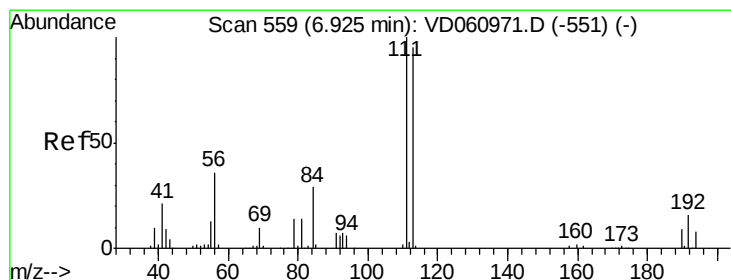
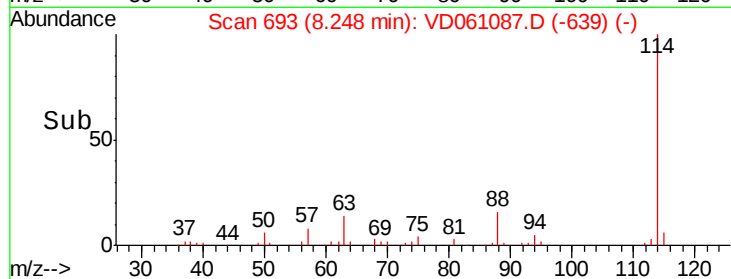
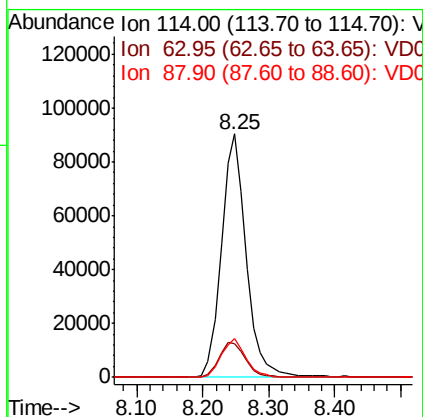
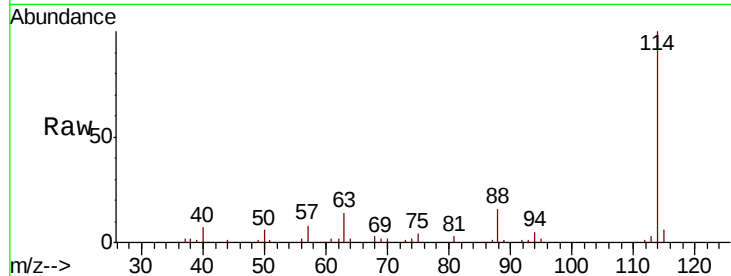




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061087.D
 Acq: 15 Mar 2019 15:19

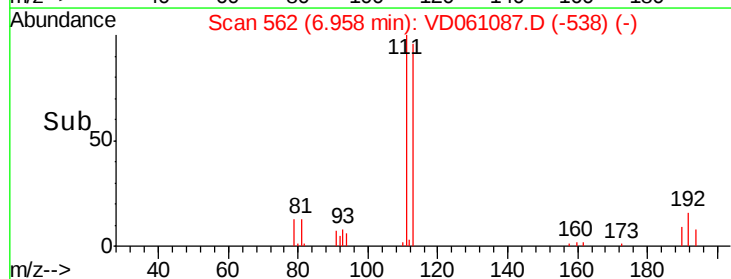
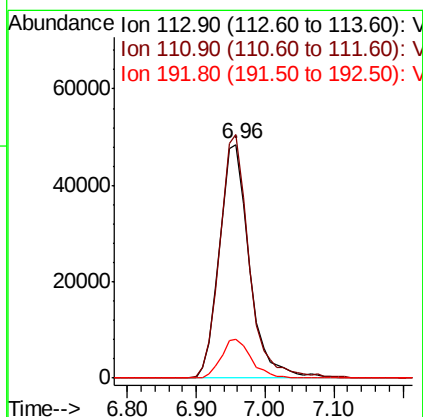
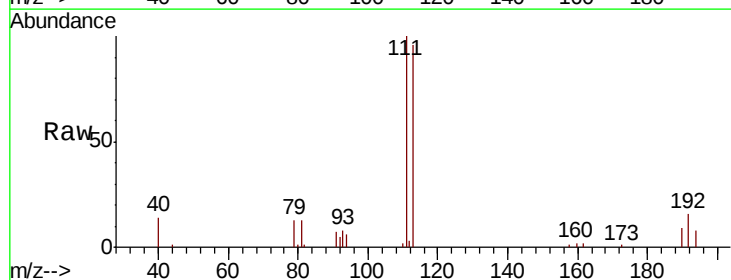
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4(0.5-1.5)RE

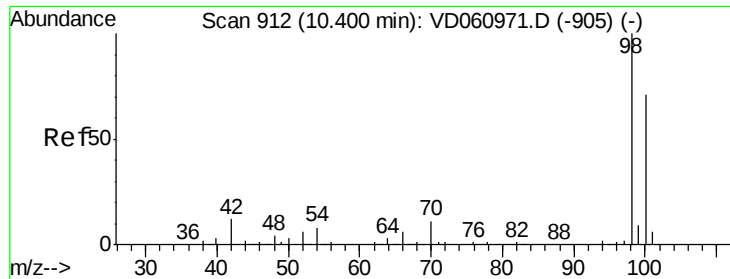
Tgt Ion:114 Resp: 236516
 Ion Ratio Lower Upper
 114 100
 63 13.9 0.0 31.4
 88 16.1 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.96 min Scan# 562
 Delta R.T. 0.03 min
 Lab File: VD061087.D
 Acq: 15 Mar 2019 15:19

Tgt Ion:113 Resp: 146251
 Ion Ratio Lower Upper
 113 100
 111 104.3 84.2 126.4
 192 16.8 13.1 19.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD061087.D

Acq: 15 Mar 2019 15:19

Instrument :

MSVOA_D

ClientSampleId :

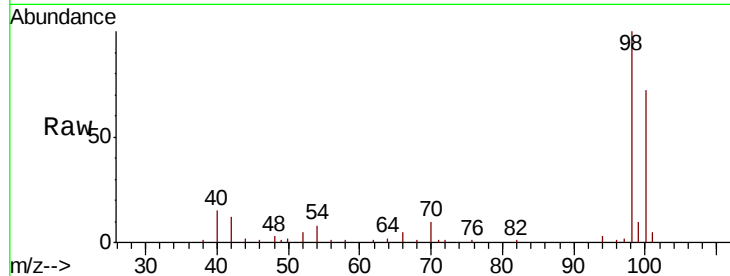
SB-4(0.5-1.5)RE

Tgt Ion: 98 Resp: 111871

Ion Ratio Lower Upper

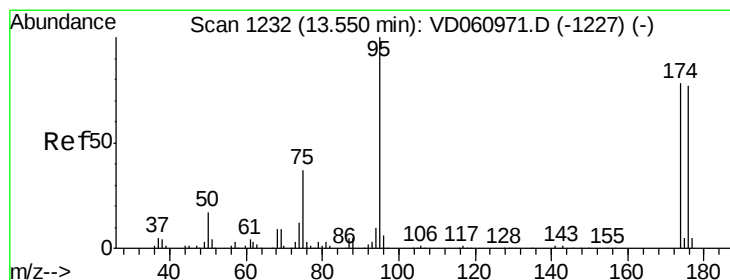
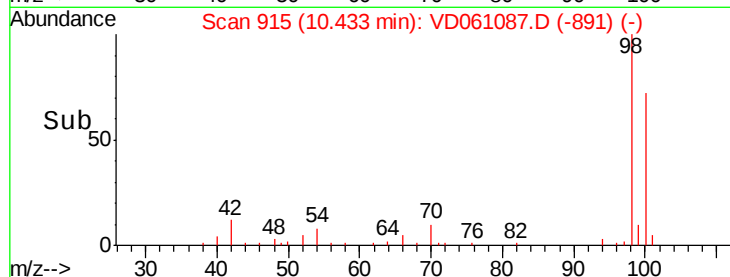
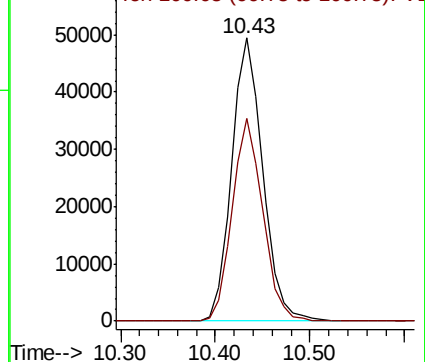
98 100

100 71.8 57.4 86.2



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. 0.01 min

Lab File: VD061087.D

Acq: 15 Mar 2019 15:19

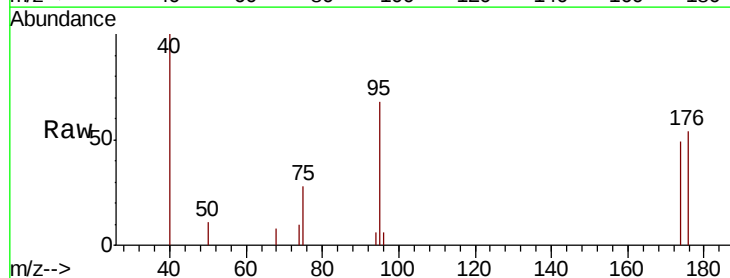
Tgt Ion: 95 Resp: 5807

Ion Ratio Lower Upper

95 100

174 72.2 0.0 155.6

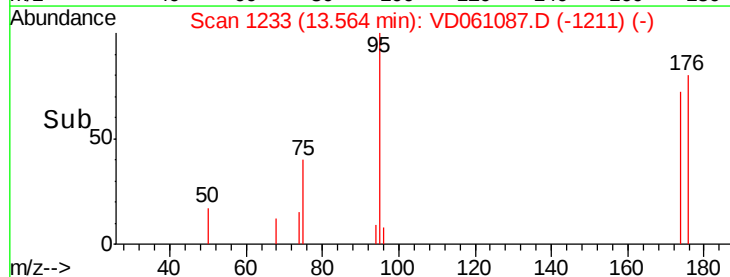
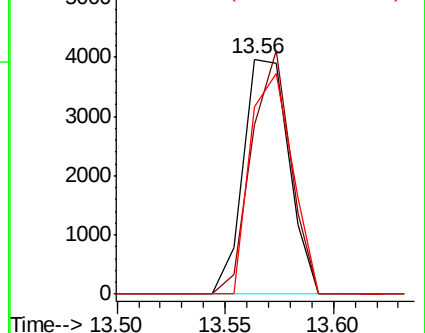
176 79.6 0.0 153.8

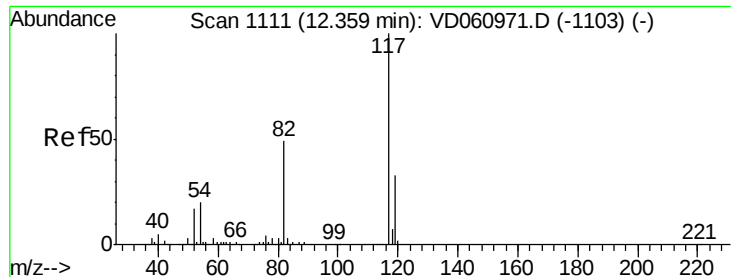


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

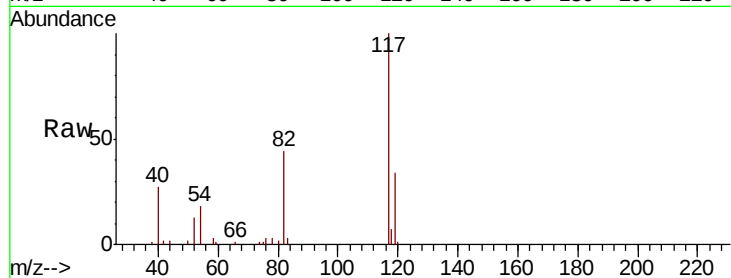




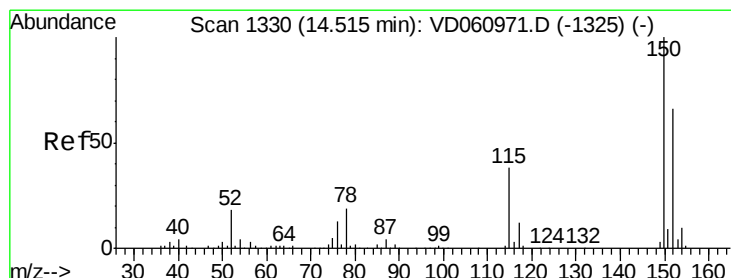
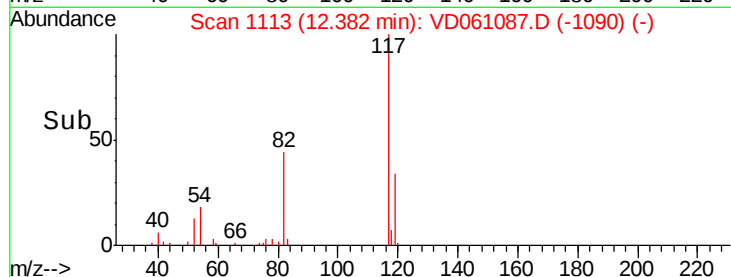
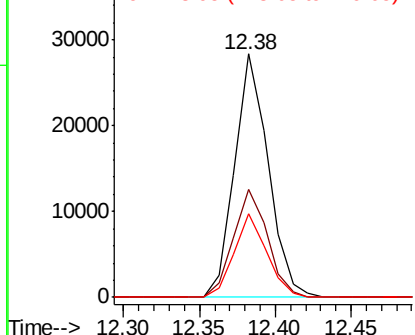
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061087.D
Acq: 15 Mar 2019 15:19

Instrument :
MSVOA_D
ClientSampleId :
SB-4(0.5-1.5)RE

Tgt Ion:117 Resp: 43701
Ion Ratio Lower Upper
117 100
82 44.2 38.9 58.3
119 34.2 26.6 39.8

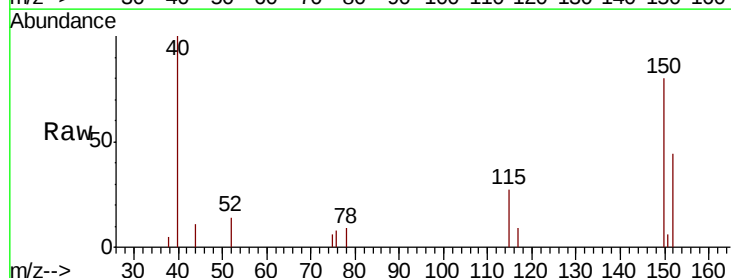


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061087.D
Acq: 15 Mar 2019 15:19

Tgt Ion:152 Resp: 3221
Ion Ratio Lower Upper
152 100
115 61.7 28.6 85.9
150 181.7 0.0 310.6



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

