

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030419\
 Data File : VD060929.D
 Acq On : 4 Mar 2019 17:50
 Operator : VA/AP
 Sample : K1714-02
 Misc : 6.05g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-A-2-5

Quant Time: Mar 05 02:34:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 01:28:28 2019
 Response via : Initial Calibration

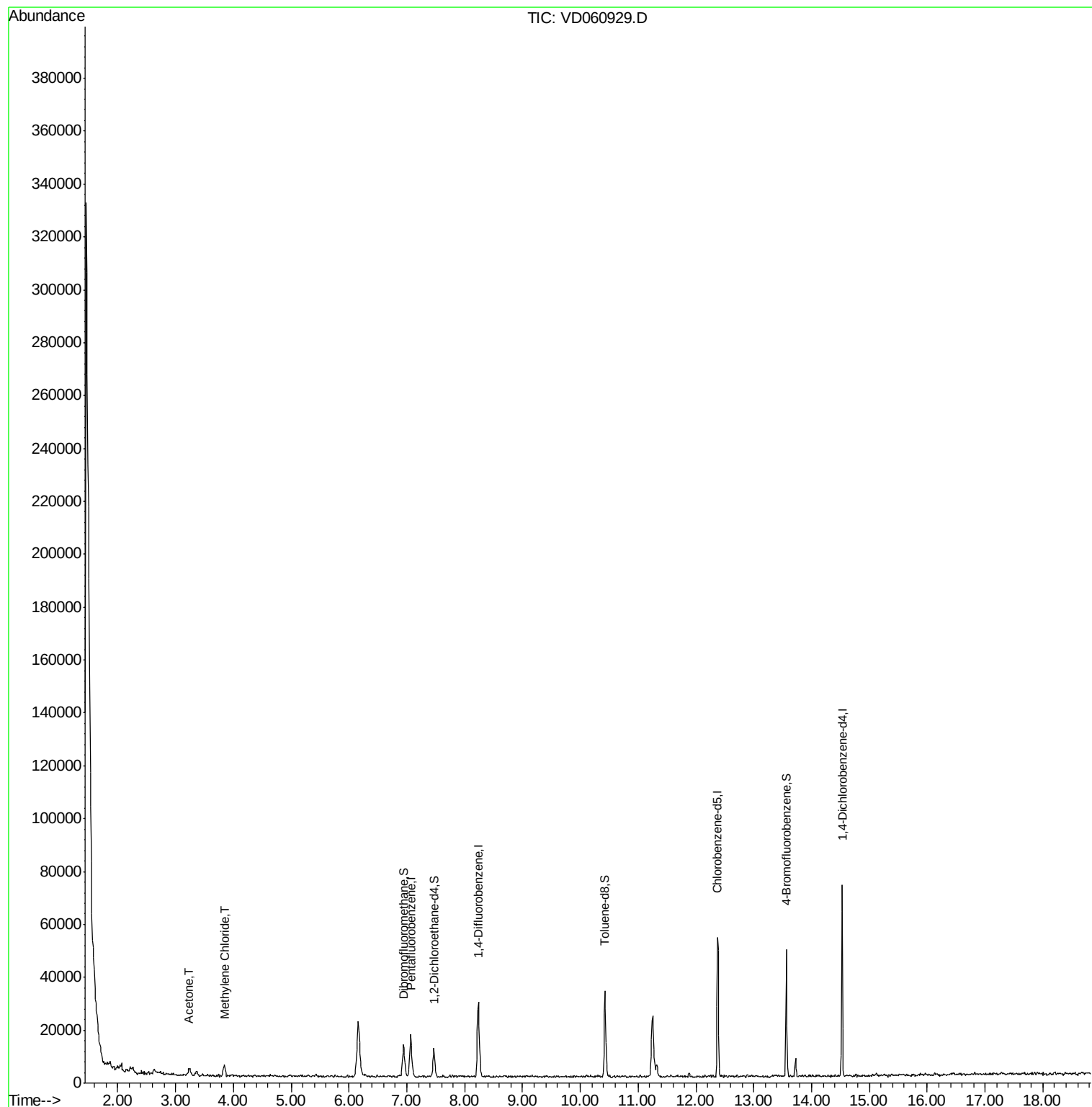
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	18480	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	40420	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	36435	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	18777	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	10505	68.76	ug/l	0.02
Spiked Amount 50.000			Recovery	=	137.52%	
35) Dibromofluoromethane	6.94	113	13225	40.81	ug/l	0.02
Spiked Amount 50.000			Recovery	=	81.62%	
50) Toluene-d8	10.42	98	29852	37.02	ug/l	0.02
Spiked Amount 50.000			Recovery	=	74.04%	
62) 4-Bromofluorobenzene	13.56	95	13809	45.32	ug/l	0.01
Spiked Amount 50.000			Recovery	=	90.64%	
Target Compounds						
16) Acetone	3.24	43	6060	118.803	ug/l #	87
20) Methylene Chloride	3.84	84	2789	8.507	ug/l #	93

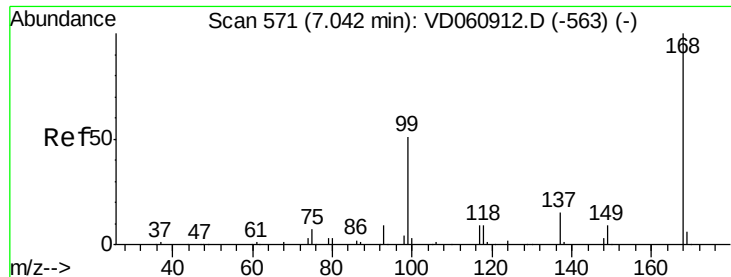
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.02 min

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MSVOA_D

ClientSampleId :

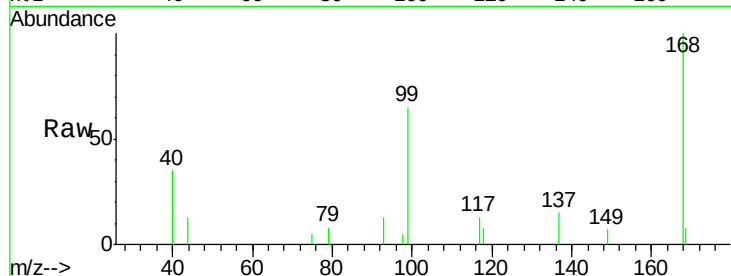
SB-A-2-5

Tot Ion:168 Resp: 18480

Ion Ratio Lower Upper

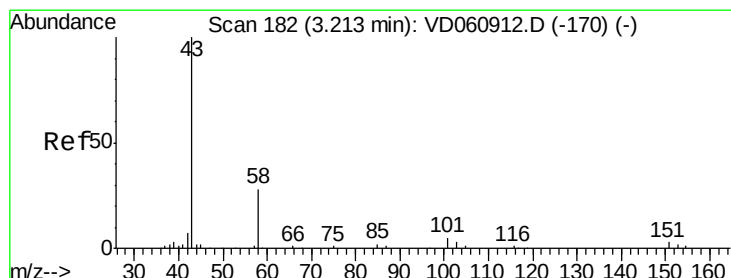
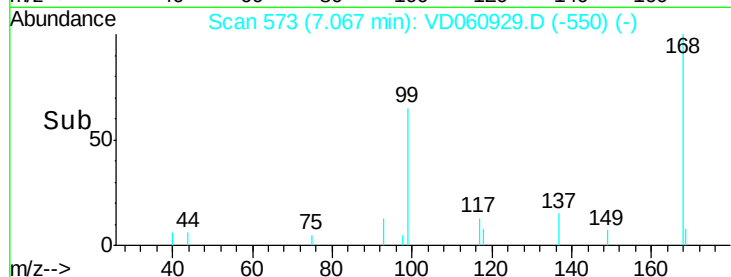
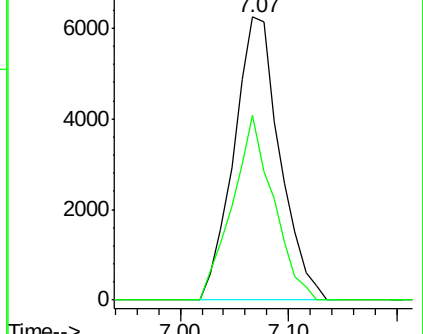
168 100

99 65.3 41.5 62.3#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 118.803 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD060929.D

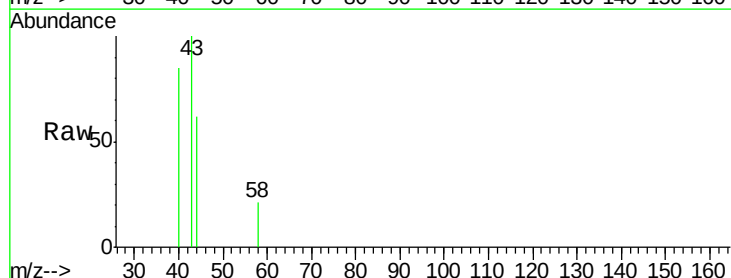
Acq: 4 Mar 2019 17:50

Tgt Ion: 43 Resp: 6060

Ion Ratio Lower Upper

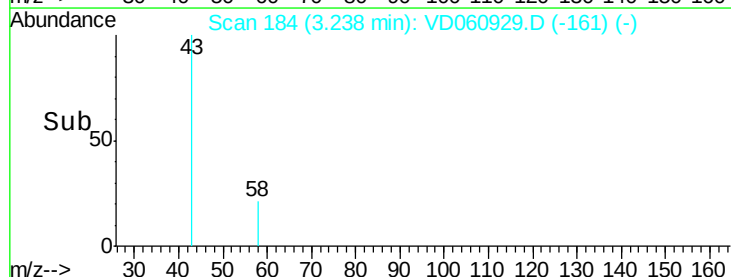
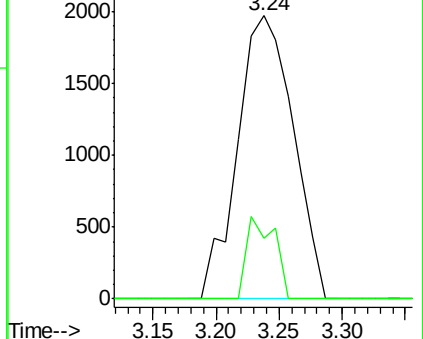
43 100

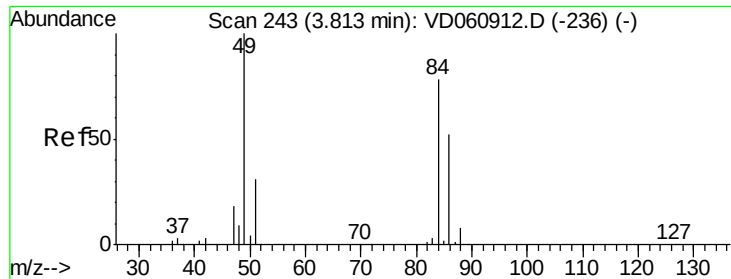
58 21.4 22.8 34.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

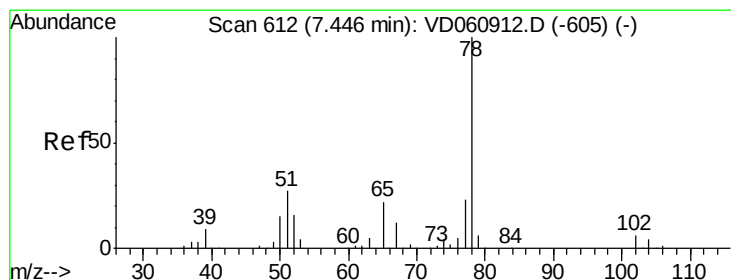
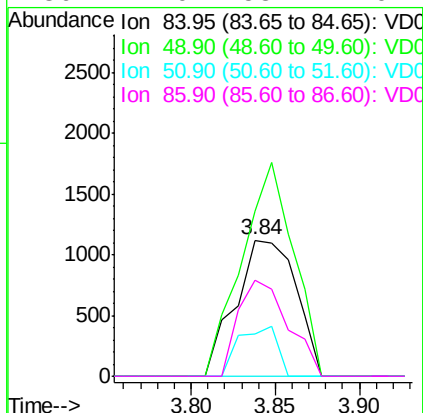
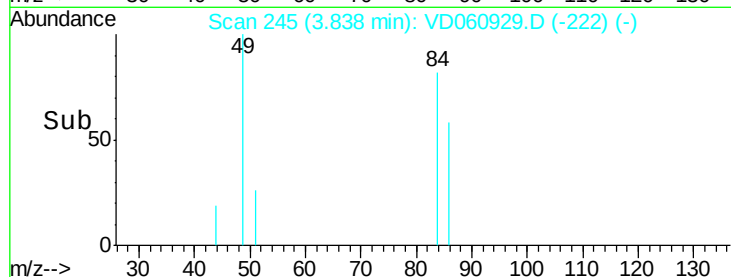
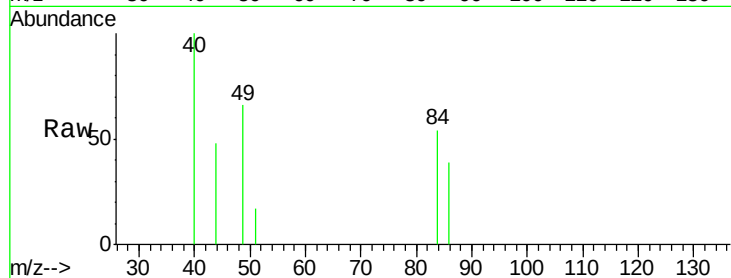




#20
Methylene Chloride
Concen: 8.507 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.03 min
Lab File: VD060929.D
Acq: 4 Mar 2019 17:50

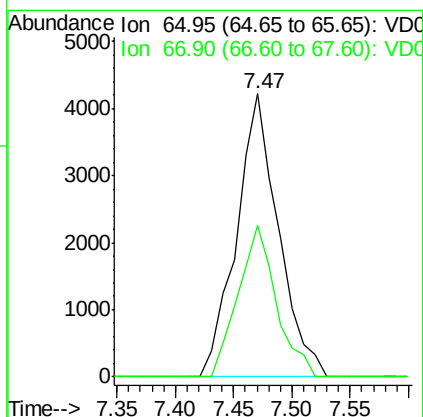
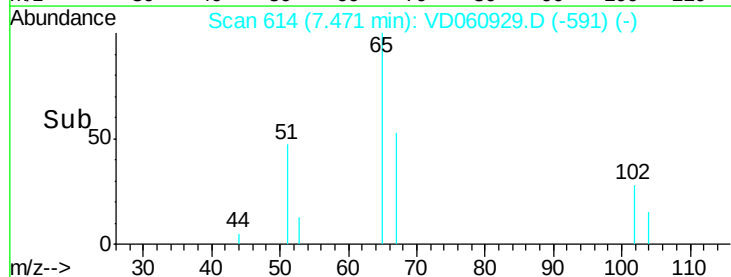
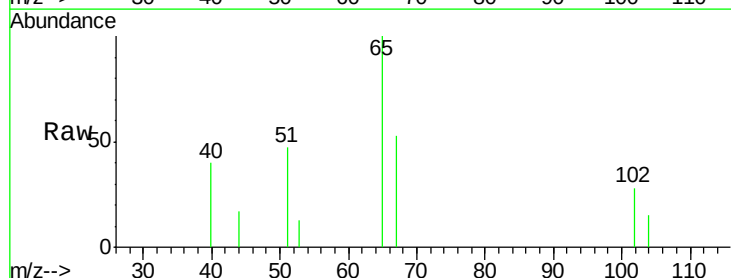
Instrument :
MSVOA_D
ClientSampleId :
SB-A-2-5

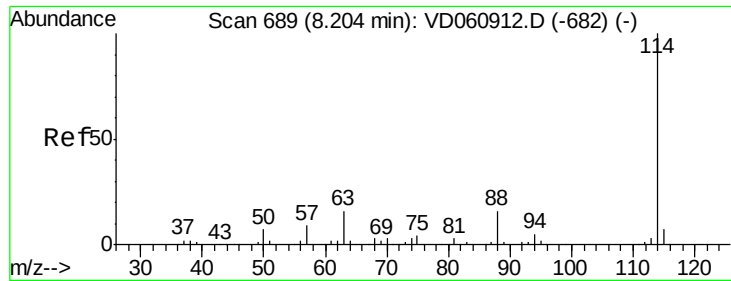
Tot Ion: 84 Resp: 2789
Ion Ratio Lower Upper
84 100
49 122.0 102.4 153.6
51 31.3 31.9 47.9#
86 71.0 53.1 79.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD060929.D
Acq: 4 Mar 2019 17:50

Tgt Ion: 65 Resp: 10505
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.03 min

Lab File: VD060929.D

Acq: 4 Mar 2019 17:50

Instrument :

MSVOA_D

ClientSampleId :

SB-A-2-5

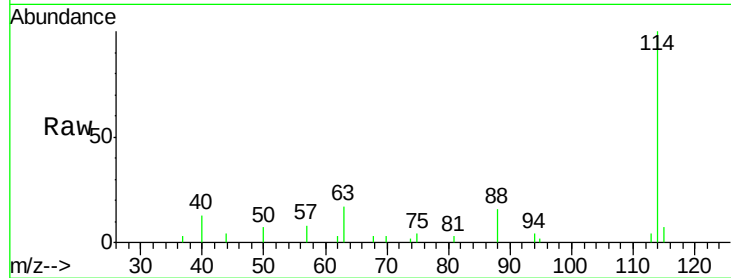
Tot Ion:114 Resp: 40420

Ion Ratio Lower Upper

114 100

63 16.8 0.0 32.0

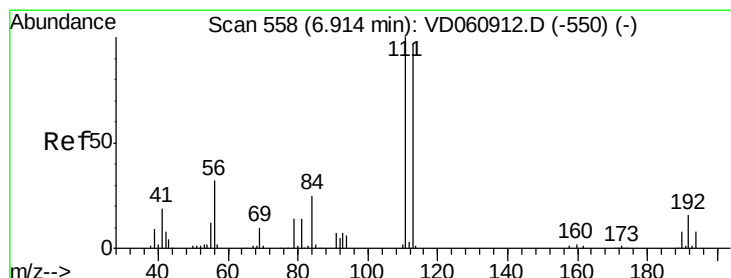
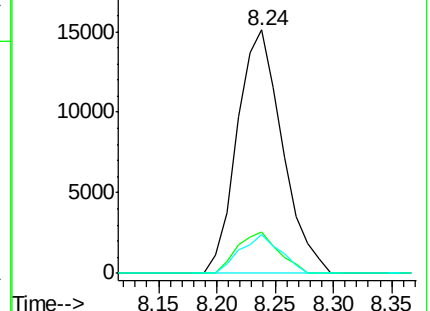
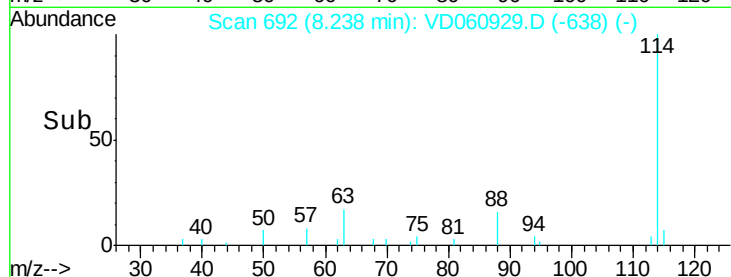
88 16.1 0.0 32.8



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: 50.000 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.02 min

Lab File: VD060929.D

Acq: 4 Mar 2019 17:50

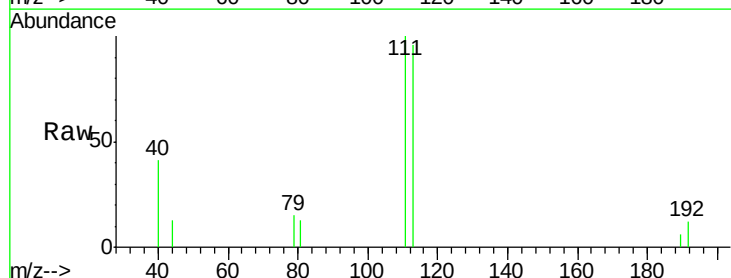
Tgt Ion:113 Resp: 13225

Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

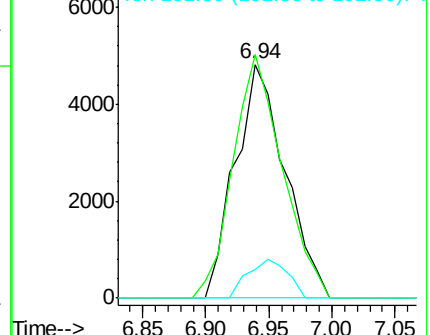
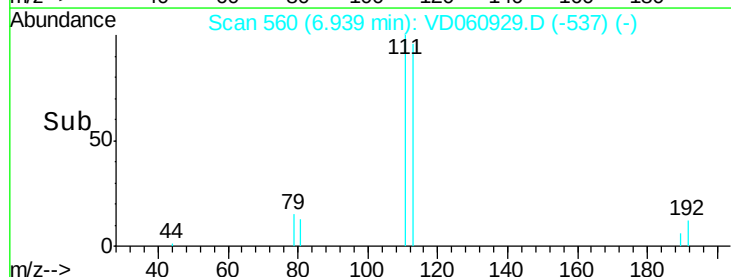
192 12.0 13.4 20.2#

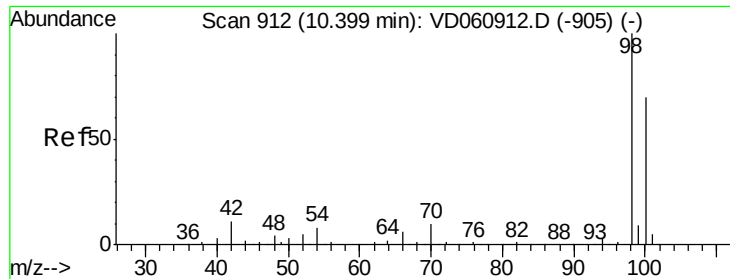


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

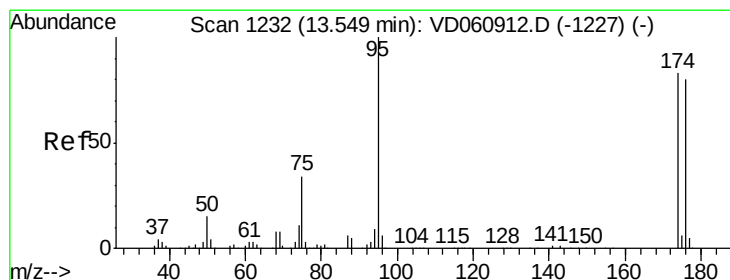
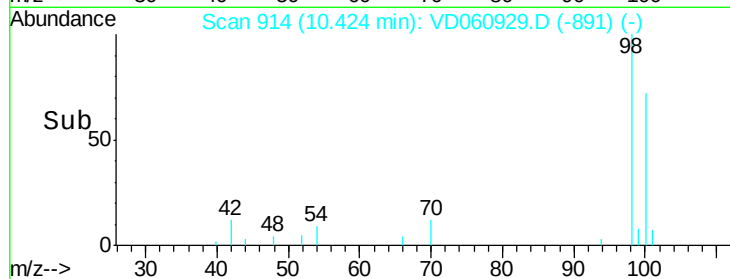
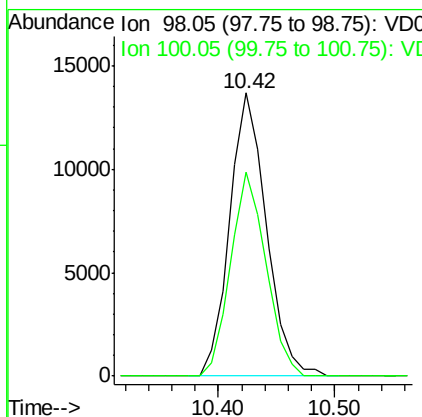
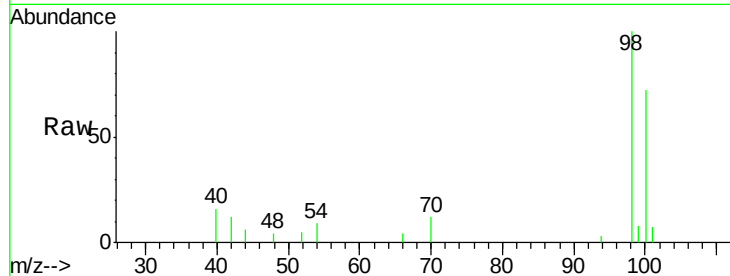




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD060929.D
Acq: 4 Mar 2019 17:50

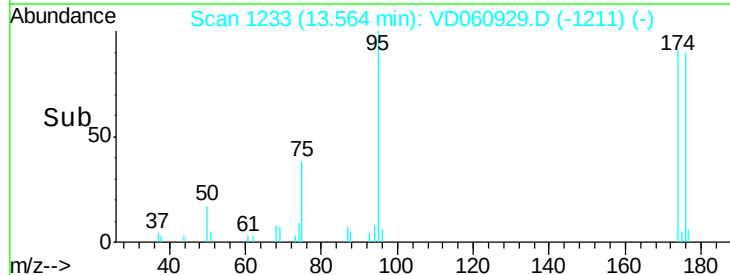
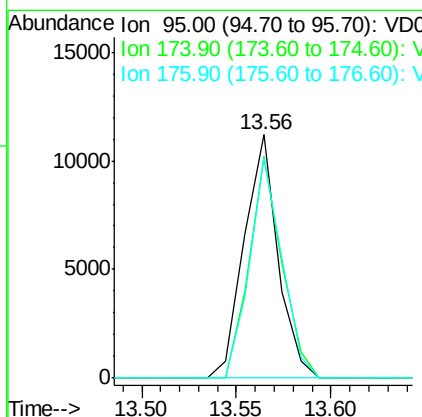
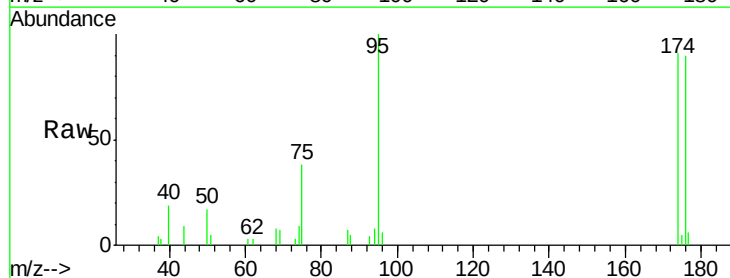
Instrument :
MSVOA_D
ClientSampleId :
SB-A-2-5

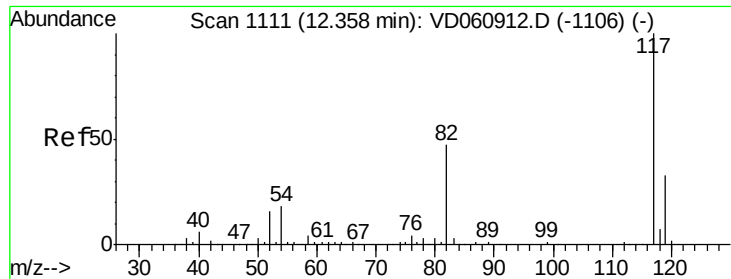
Tot Ion: 98 Resp: 29852
Ion Ratio Lower Upper
98 100
100 72.1 57.0 85.4



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD060929.D
Acq: 4 Mar 2019 17:50

Tgt Ion: 95 Resp: 13809
Ion Ratio Lower Upper
95 100
174 91.2 0.0 165.6
176 90.3 0.0 160.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD060929.D

Acq: 4 Mar 2019 17:50

Instrument :

MSVOA_D

ClientSampleId :

SB-A-2-5

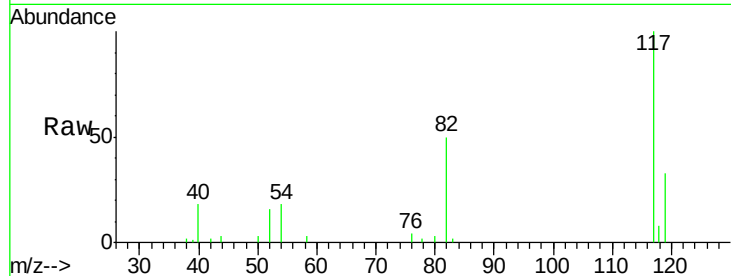
Tot Ion:117 Resp: 36435

Ion Ratio Lower Upper

117 100

82 50.2 37.5 56.3

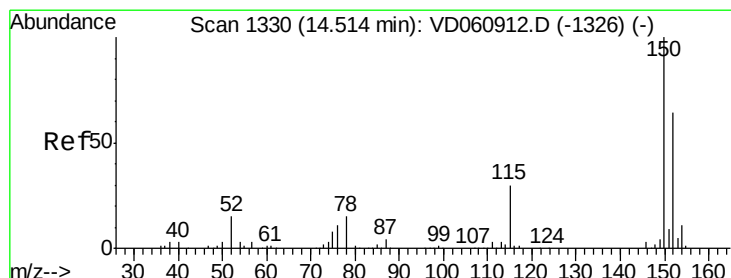
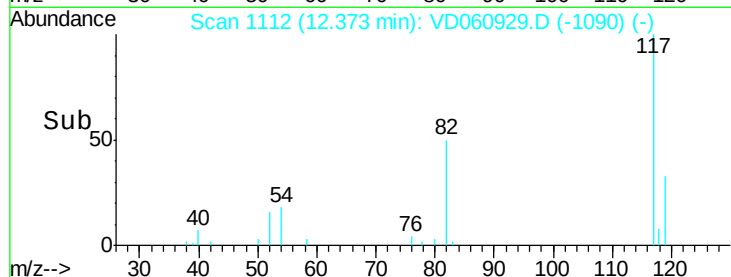
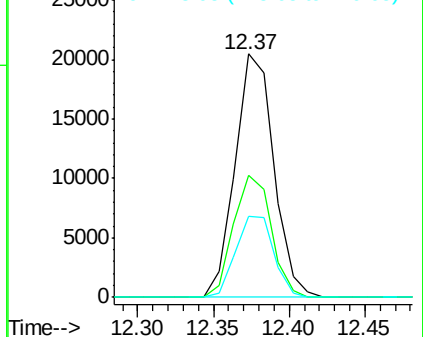
119 33.3 26.2 39.2



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: VD060929.D

Acq: 4 Mar 2019 17:50

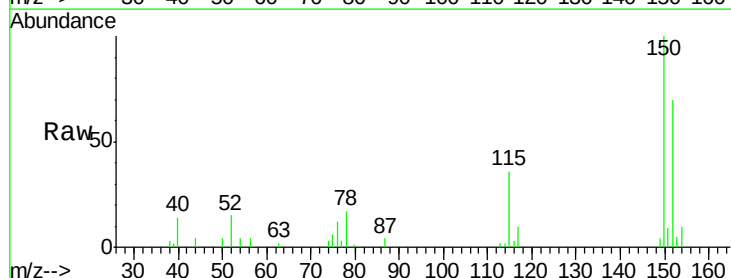
Tgt Ion:152 Resp: 18777

Ion Ratio Lower Upper

152 100

115 51.5 27.6 82.8

150 143.8 0.0 312.8



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

