

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030419\
 Data File : VD060931.D
 Acq On : 4 Mar 2019 18:45
 Operator : VA/AP
 Sample : K1714-04
 Misc : 6.75g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-A-8-11

Quant Time: Mar 05 02:41:44 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	7.06	168	6862	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	16200	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	14089	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	6469	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	4166	73.44	ug/l	0.02
Spiked Amount						
			Recovery	=	146.88%	
35) Dibromofluoromethane	6.94	113	4811	37.04	ug/l	0.03
Spiked Amount						
			Recovery	=	74.08%	
50) Toluene-d8	10.42	98	12620	39.05	ug/l	0.02
Spiked Amount						
			Recovery	=	78.10%	
62) 4-Bromofluorobenzene	13.56	95	5120	41.92	ug/l	0.01
Spiked Amount						
			Recovery	=	83.84%	

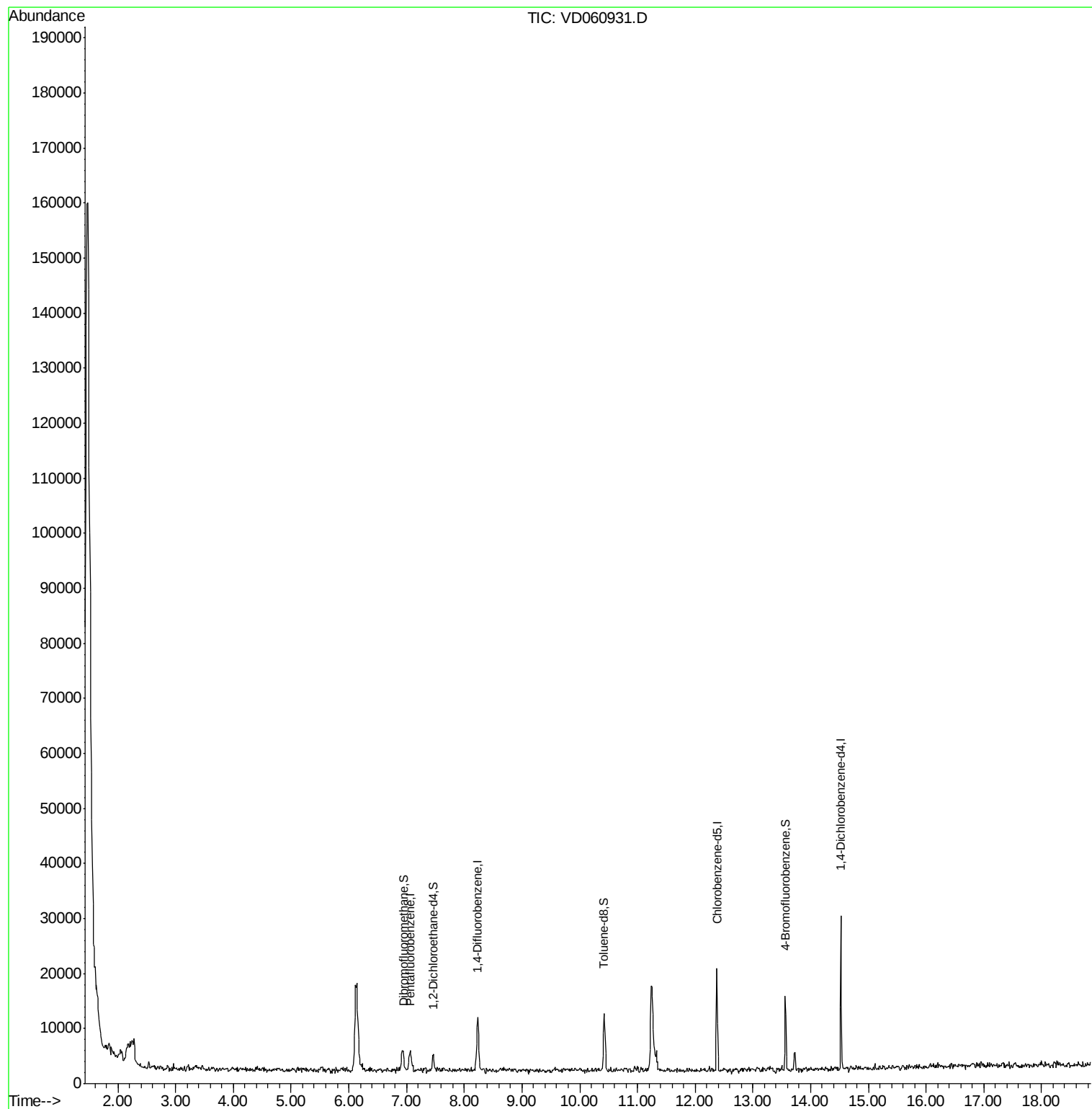
Target Compounds	Qvalue

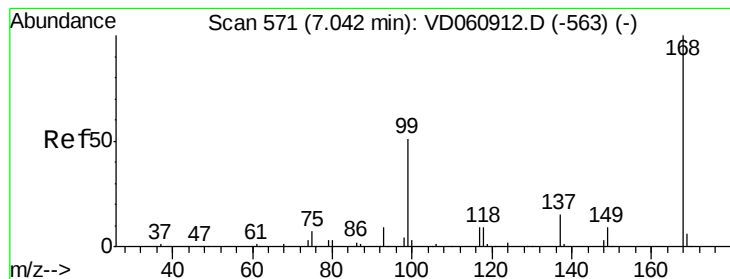
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD060931.D

Acq: 4 Mar 2019 18:45

Instrument :

MSVOA_D

ClientSampleId :

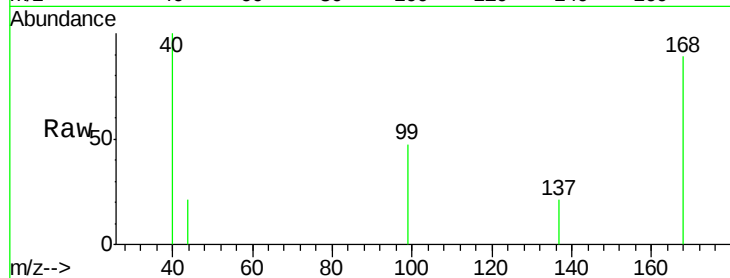
SB-A-8-11

Tot Ion:168 Resp: 6862

Ion Ratio Lower Upper

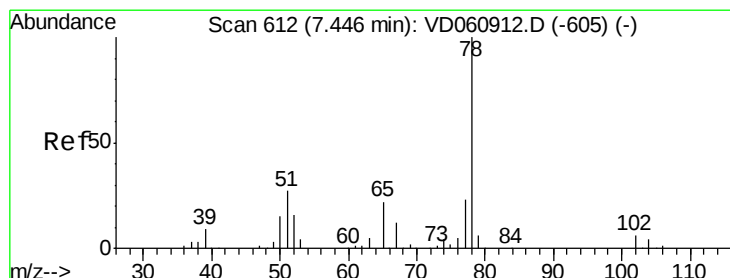
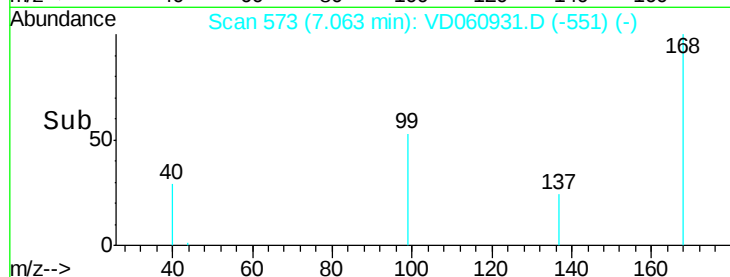
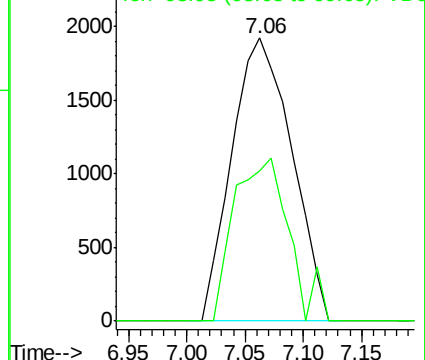
168 100

99 53.1 41.5 62.3



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: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD060931.D

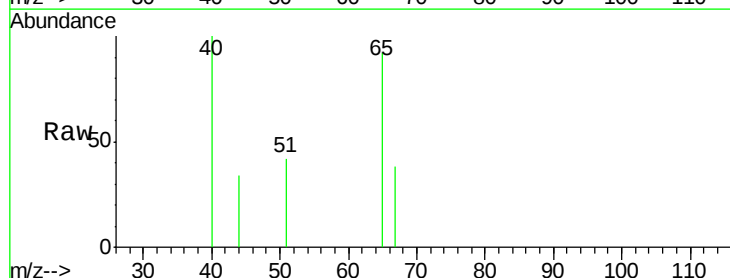
Acq: 4 Mar 2019 18:45

Tgt Ion: 65 Resp: 4166

Ion Ratio Lower Upper

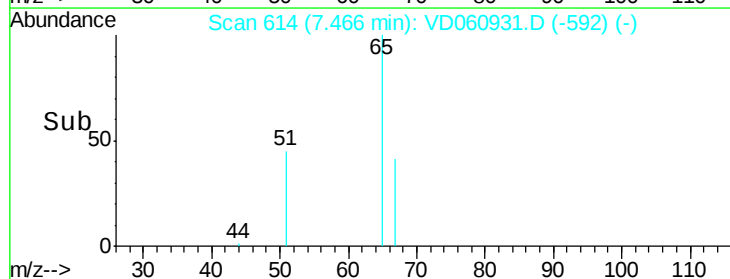
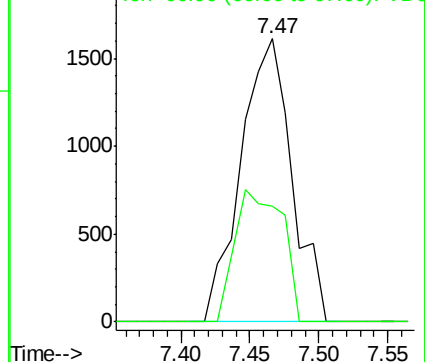
65 100

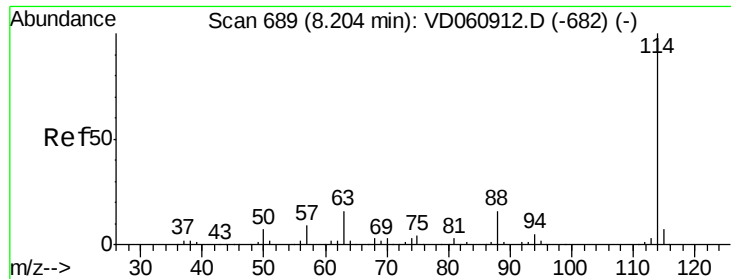
67 40.9 0.0 109.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

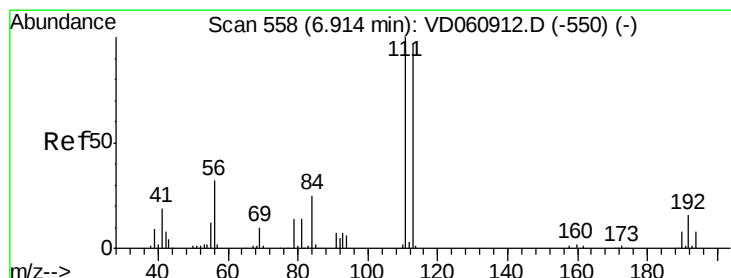
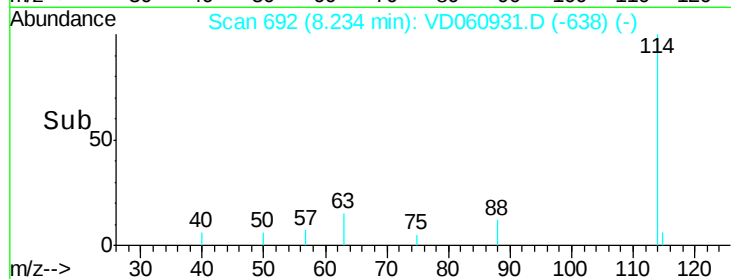
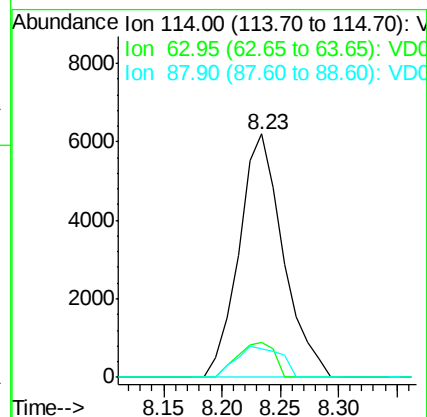
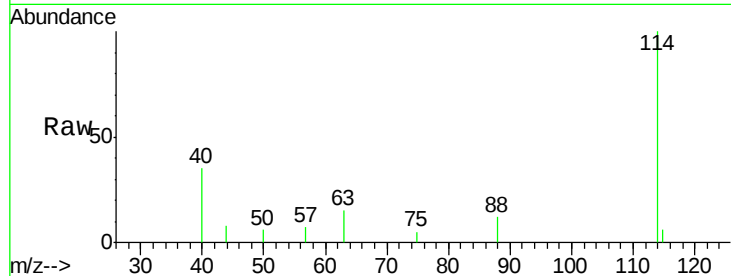




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: VD060931.D
 Acq: 4 Mar 2019 18:45

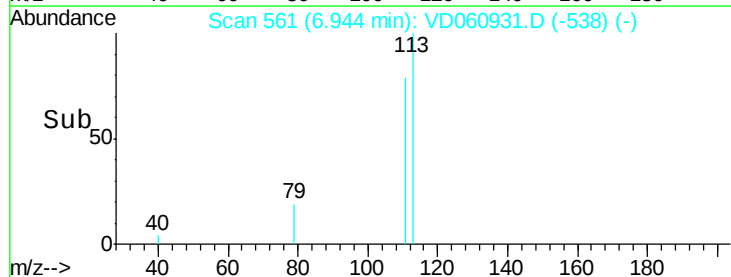
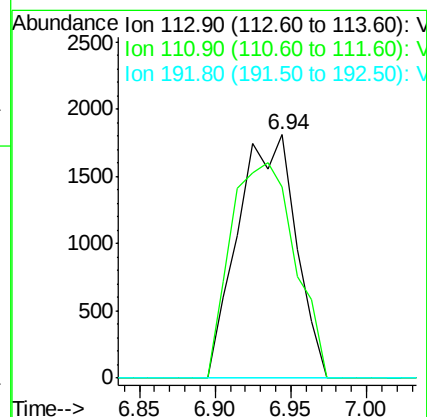
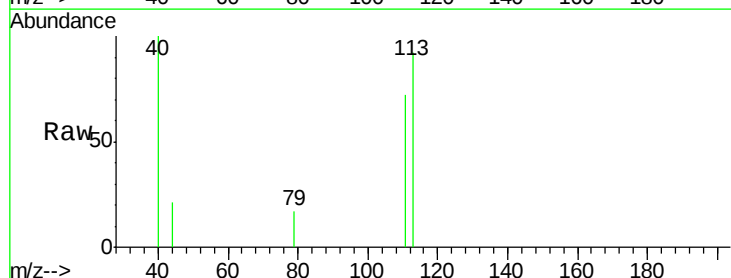
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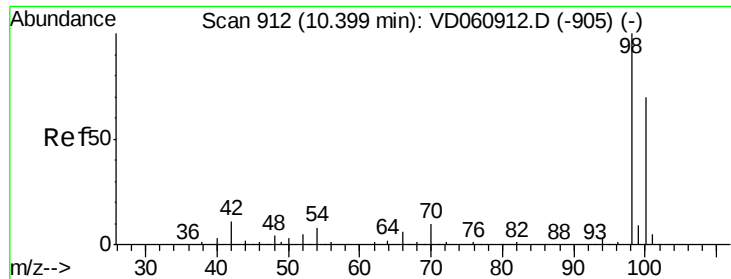
Tot Ion:114 Resp: 16200
 Ion Ratio Lower Upper
 114 100
 63 14.5 0.0 32.0
 88 11.8 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.03 min
 Lab File: VD060931.D
 Acq: 4 Mar 2019 18:45

Tgt Ion:113 Resp: 4811
 Ion Ratio Lower Upper
 113 100
 111 78.5 82.6 124.0#
 192 0.0 13.4 20.2#

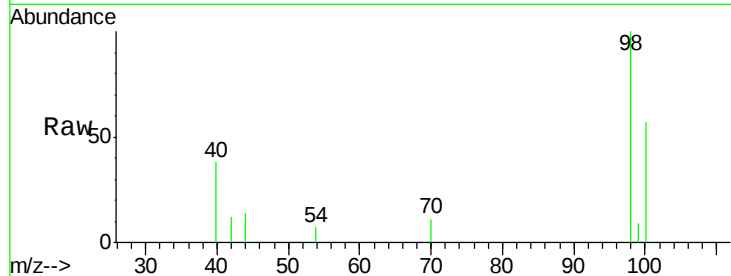




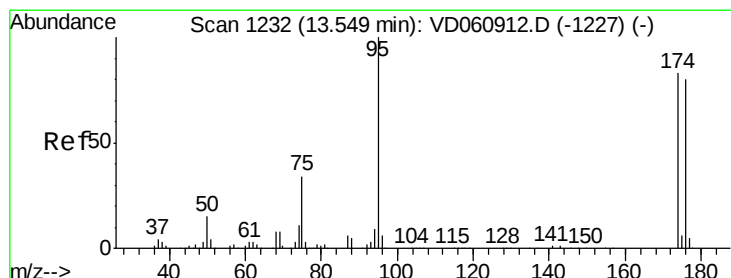
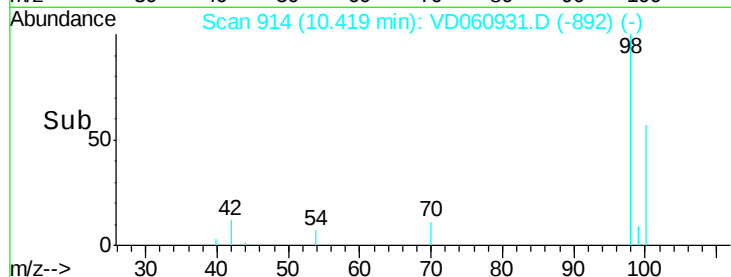
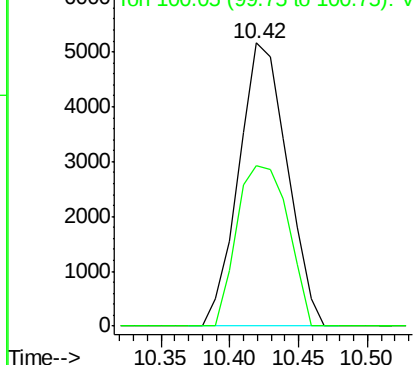
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD060931.D
Acq: 4 Mar 2019 18:45

Instrument :
MSVOA_D
ClientSampleId :
SB-A-8-11

Tot Ion: 98 Resp: 12620
Ion Ratio Lower Upper
98 100
100 56.7 57.0 85.4#

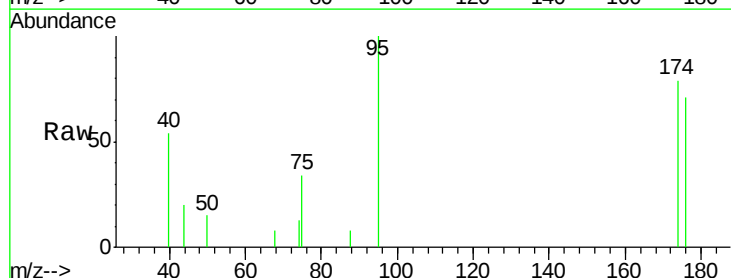


Abundance Ion 98.05 (97.75 to 98.75): VD060931.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD060931.D (-905) (-)

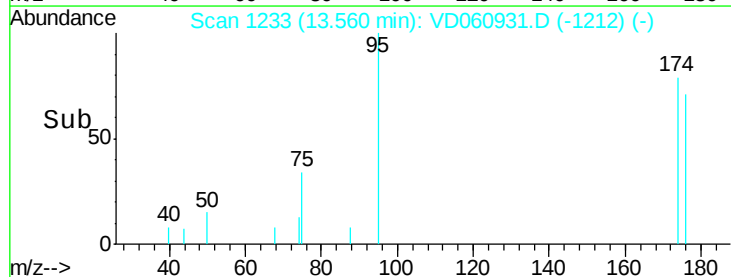
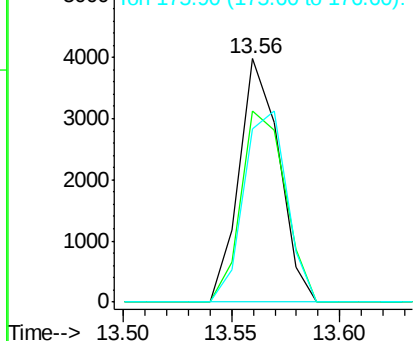


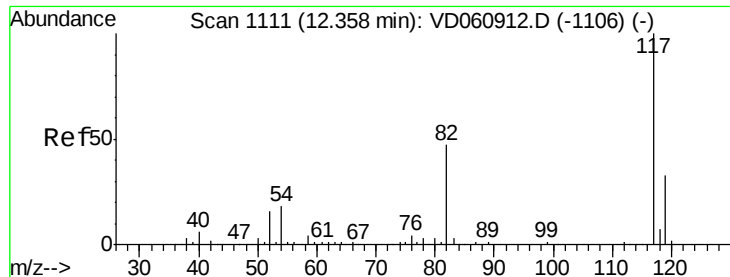
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD060931.D
Acq: 4 Mar 2019 18:45

Tgt Ion: 95 Resp: 5120
Ion Ratio Lower Upper
95 100
174 78.6 0.0 165.6
176 71.2 0.0 160.6



Abundance Ion 95.00 (94.70 to 95.70): VD060931.D (-1212) (-)
Ion 173.90 (173.60 to 174.60): VD060931.D (-1212) (-)
Ion 175.90 (175.60 to 176.60): VD060931.D (-1212) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD060931.D

Acq: 4 Mar 2019 18:45

Instrument :

MSVOA_D

ClientSampleId :

SB-A-8-11

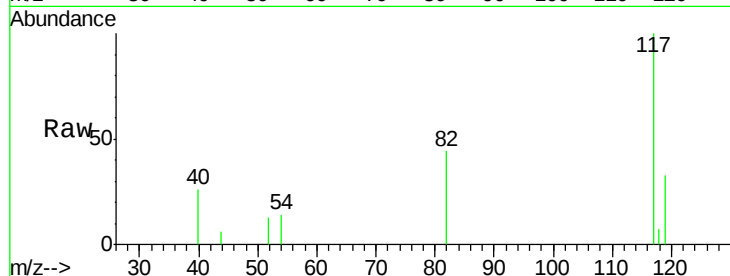
Tot Ion:117 Resp: 14089

Ion Ratio Lower Upper

117 100

82 44.4 37.5 56.3

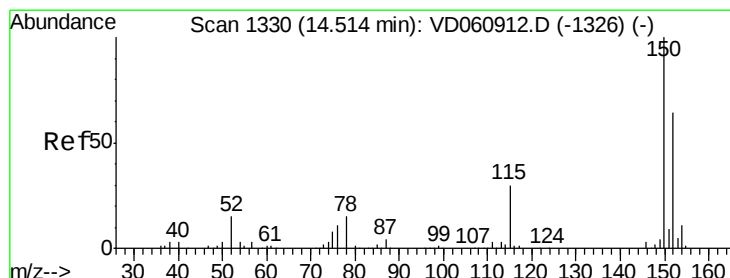
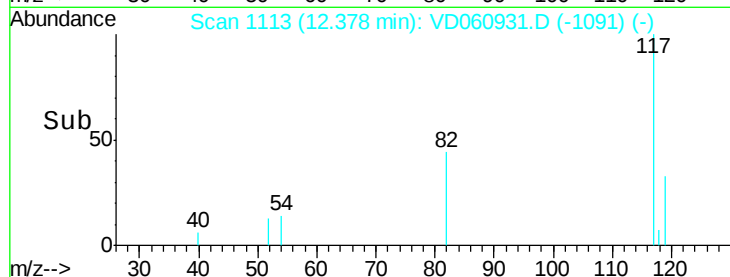
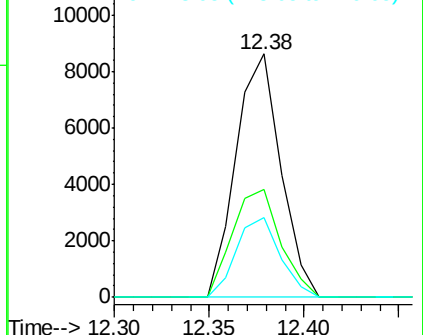
119 32.8 26.2 39.2



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: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD060931.D

Acq: 4 Mar 2019 18:45

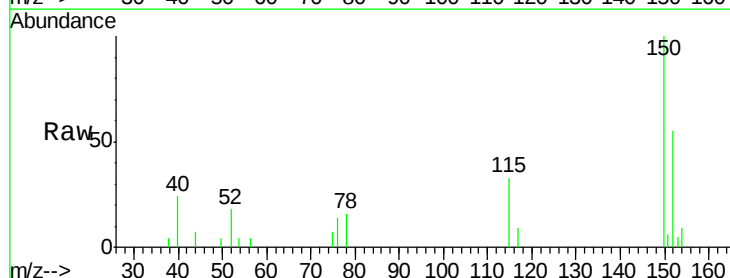
Tgt Ion:152 Resp: 6469

Ion Ratio Lower Upper

152 100

115 59.2 27.6 82.8

150 181.6 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

