

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030419\
 Data File : VD060933.D
 Acq On : 4 Mar 2019 19:41
 Operator : VA/AP
 Sample : K1714-06
 Misc : 7.17g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-A-14-18

Quant Time: Mar 05 02:47:17 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

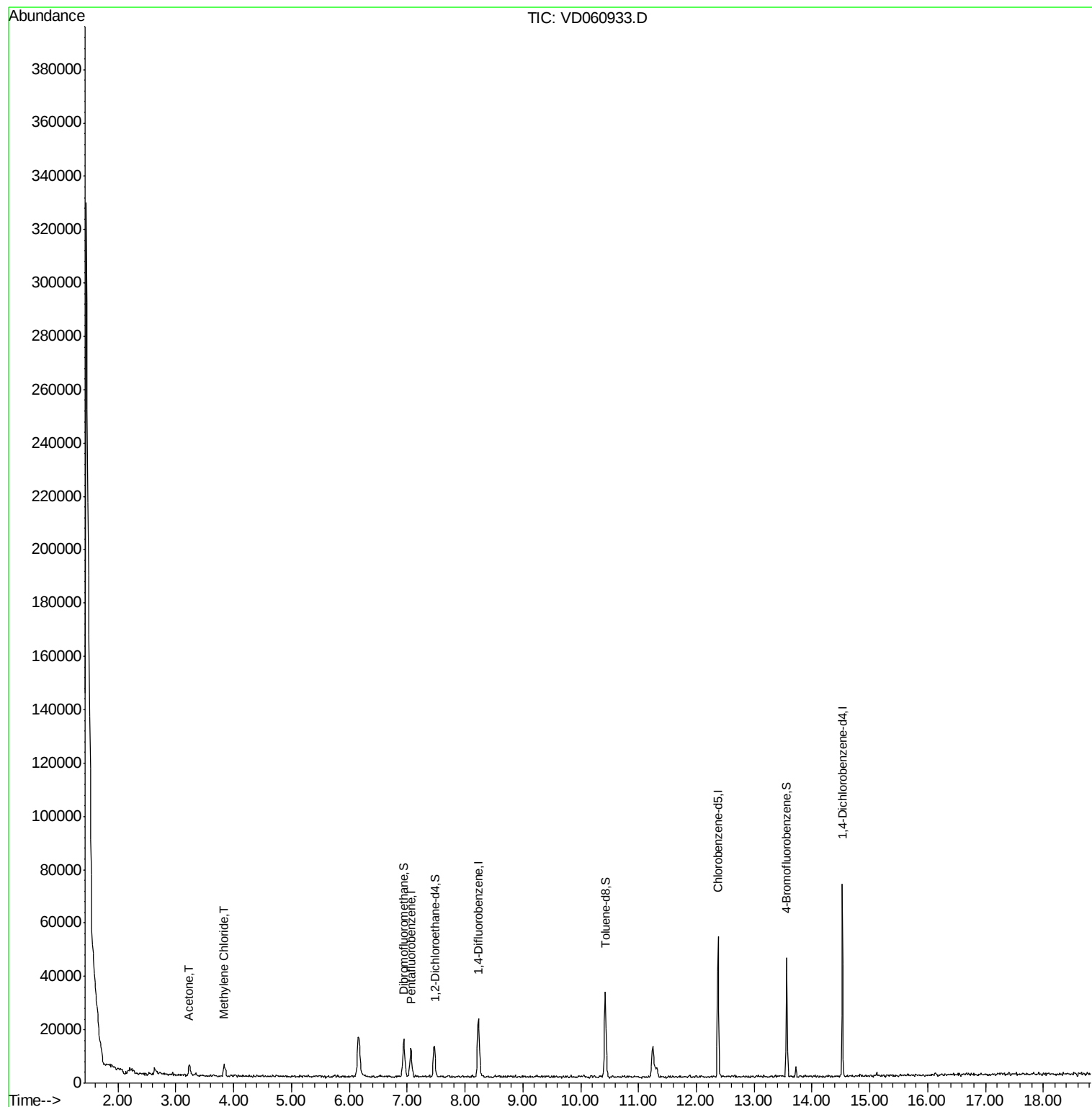
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	14552	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.23	114	33256	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	34717	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	16175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	12214	101.53	ug/l	0.02
Spiked Amount 50.000			Recovery	=	203.06%	
35) Dibromofluoromethane	6.94	113	14446	54.18	ug/l	0.03
Spiked Amount 50.000			Recovery	=	108.36%	
50) Toluene-d8	10.43	98	30916	46.60	ug/l	0.03
Spiked Amount 50.000			Recovery	=	93.20%	
62) 4-Bromofluorobenzene	13.56	95	16150	64.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.84%	
Target Compounds						
16) Acetone	3.23	43	7750	192.946	ug/l	Qvalue 97
20) Methylene Chloride	3.84	84	2831	12.097	ug/l #	81

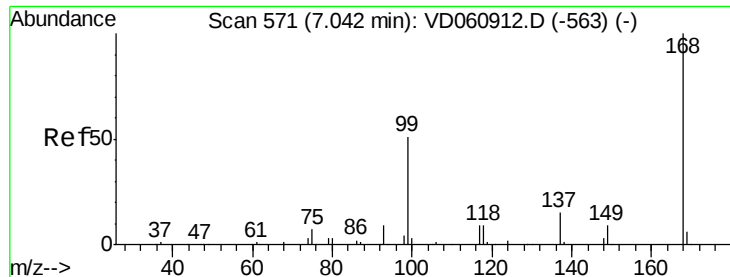
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 02 01:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD060933.D

Acq: 4 Mar 2019 19:41

Instrument :

MSVOA_D

ClientSampleId :

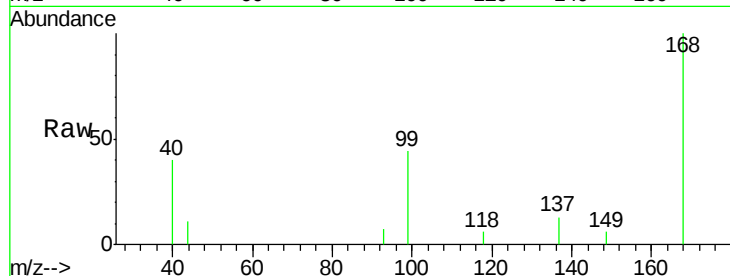
SB-A-14-18

Tot Ion:168 Resp: 14552

Ion Ratio Lower Upper

168 100

99 43.7 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

6000

5000

4000

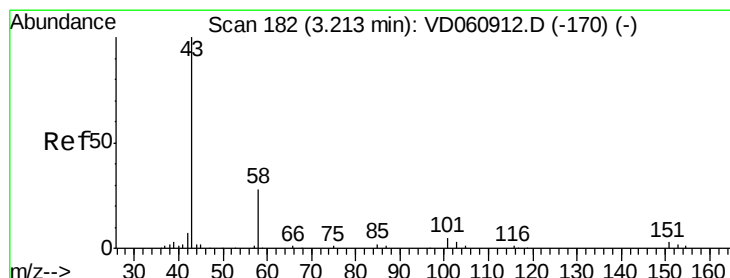
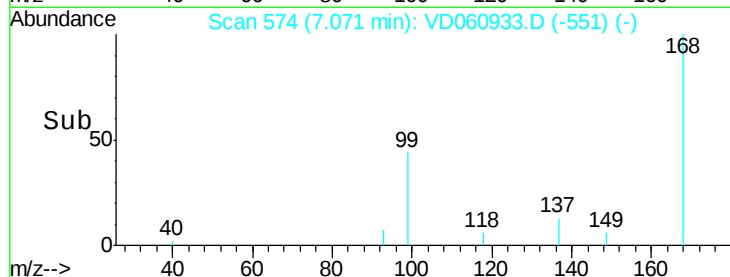
3000

2000

1000

0

Time--> 6.95 7.00 7.05 7.10 7.15



#16

Acetone

Concen: 192.946 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD060933.D

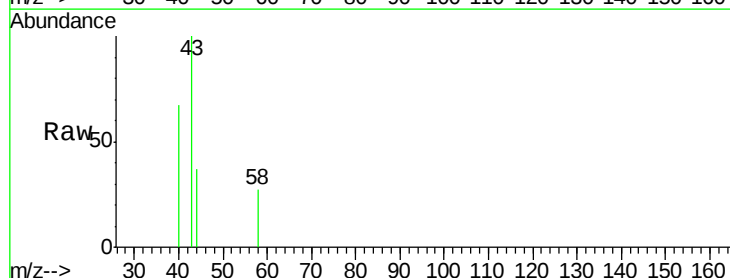
Acq: 4 Mar 2019 19:41

Tgt Ion: 43 Resp: 7750

Ion Ratio Lower Upper

43 100

58 26.8 22.8 34.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

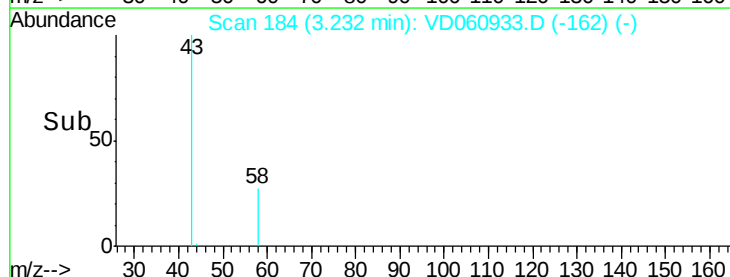
3000

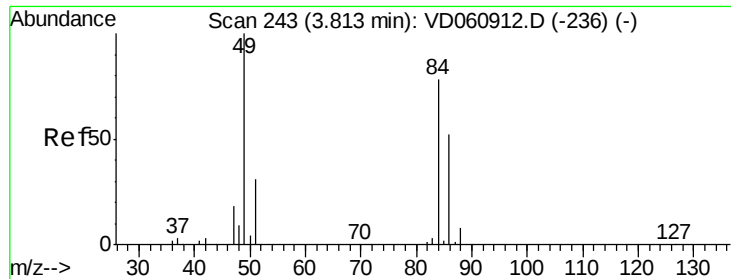
2000

1000

0

Time--> 3.15 3.20 3.25 3.30 3.35

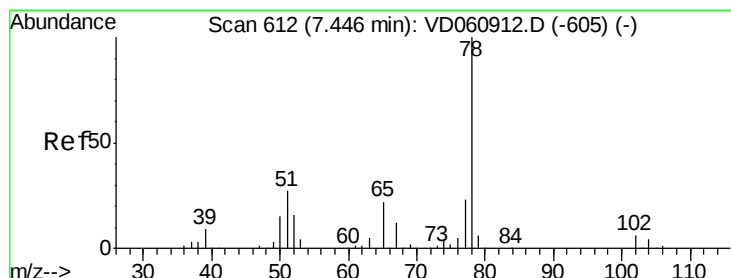
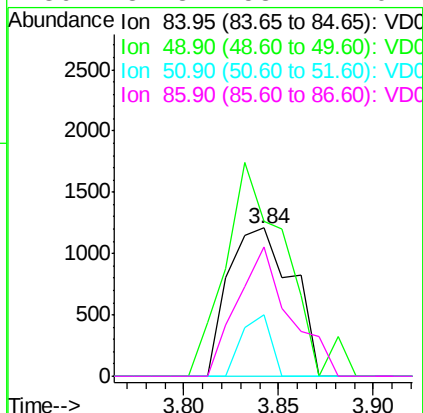
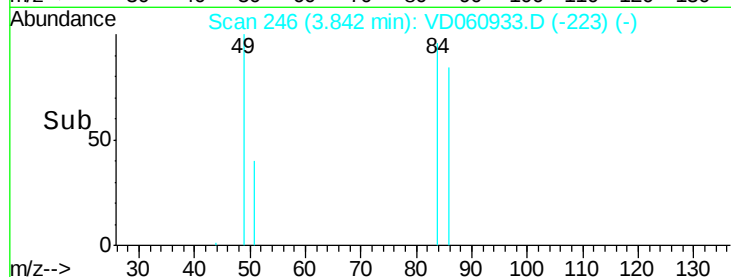
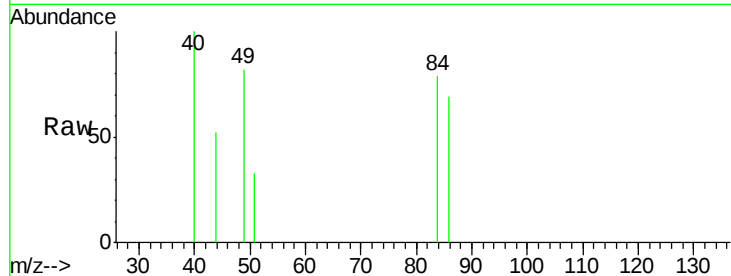




#20
Methvlene Chloride
Concen: 12.097 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.03 min
Lab File: VD060933.D
Acq: 4 Mar 2019 19:41

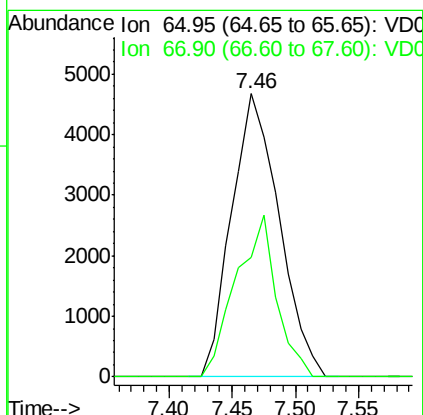
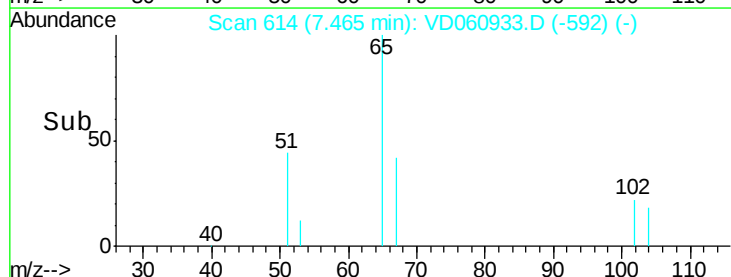
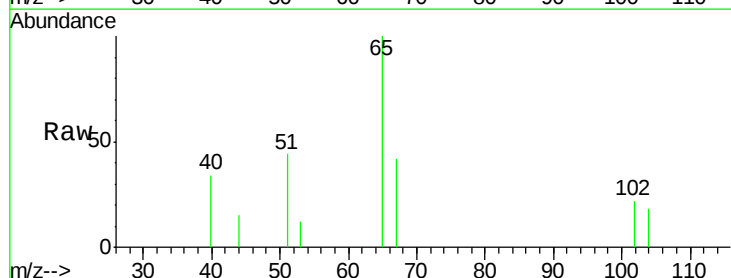
Instrument :
MSVOA_D
ClientSampleId :
SB-A-14-18

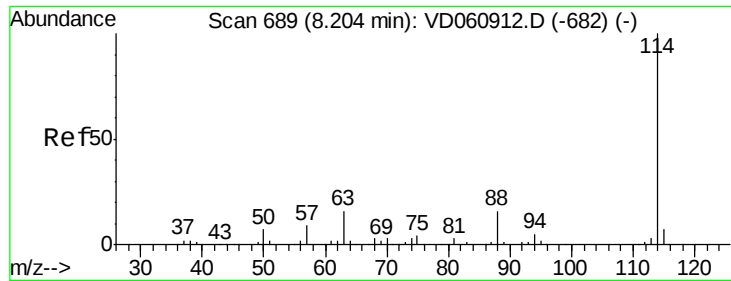
Tot Ion: 84 Resp: 2831
Ion Ratio Lower Upper
84 100
49 104.1 102.4 153.6
51 41.3 31.9 47.9
86 87.3 53.1 79.7#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD060933.D
Acq: 4 Mar 2019 19:41

Tgt Ion: 65 Resp: 12214
Ion Ratio Lower Upper
65 100
67 42.4 0.0 109.4

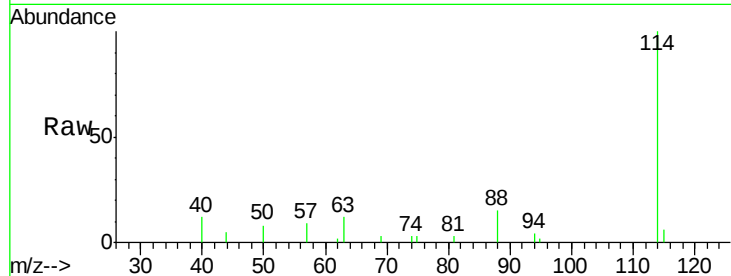




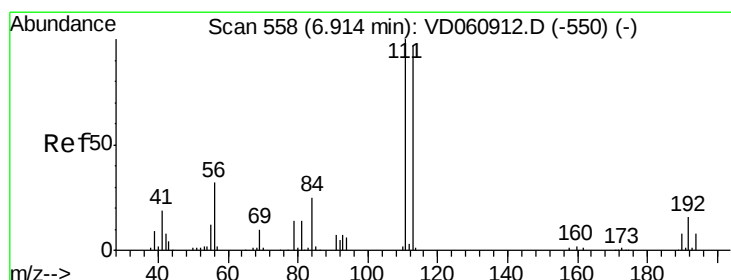
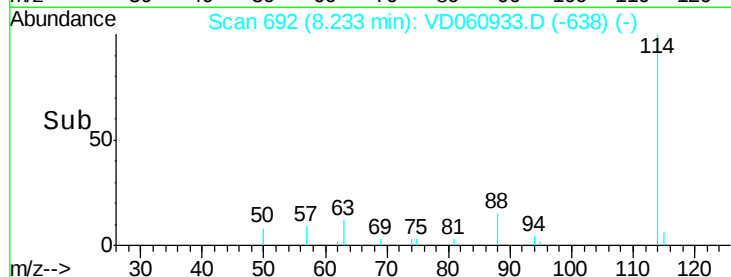
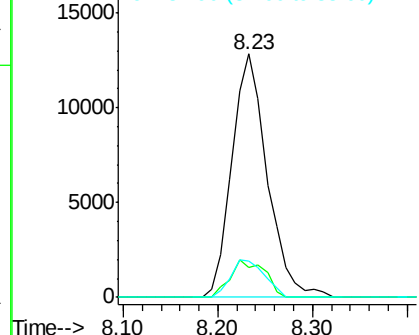
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: VD060933.D
 Acq: 4 Mar 2019 19:41

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-A-14-18

Tot Ion:114 Resp: 33256
 Ion Ratio Lower Upper
 114 100
 63 12.5 0.0 32.0
 88 15.0 0.0 32.8

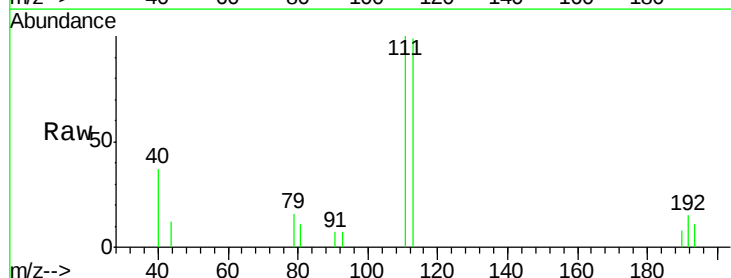


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

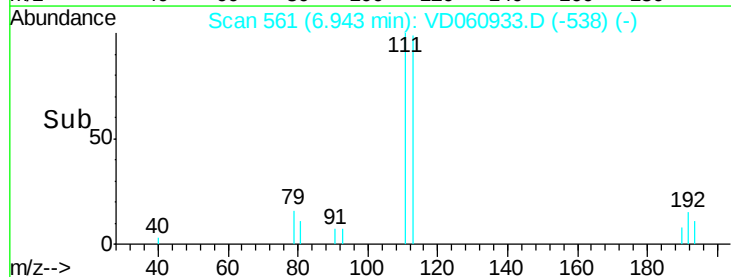
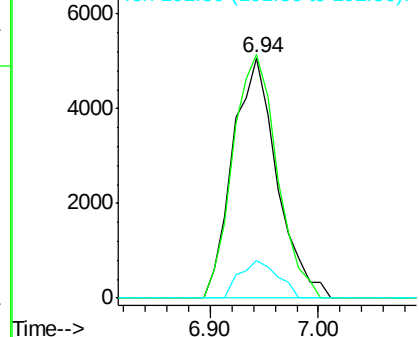


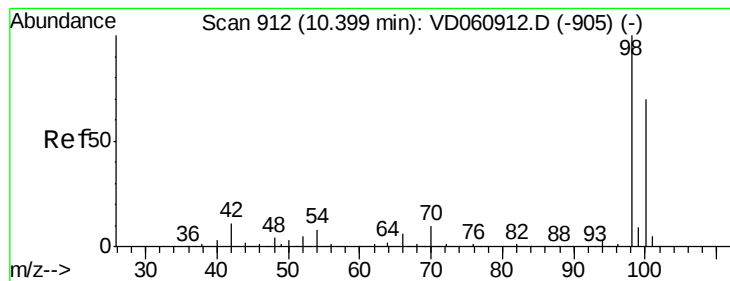
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.03 min
 Lab File: VD060933.D
 Acq: 4 Mar 2019 19:41

Tgt Ion:113 Resp: 14446
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.6 124.0
 192 15.4 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: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD060933.D

Acq: 4 Mar 2019 19:41

Instrument :

MSVOA_D

ClientSampleId :

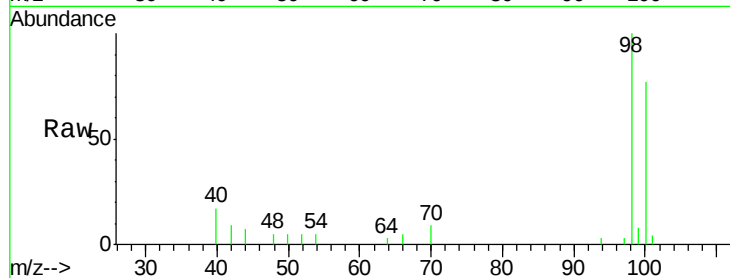
SB-A-14-18

Tot Ion: 98 Resp: 30916

Ion Ratio Lower Upper

98 100

100 76.9 57.0 85.4



Abundance Ion 98.05 (97.75 to 98.75): VD060912.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060912.D (-905) (-)

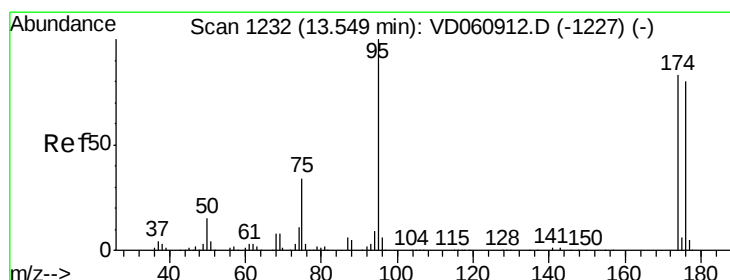
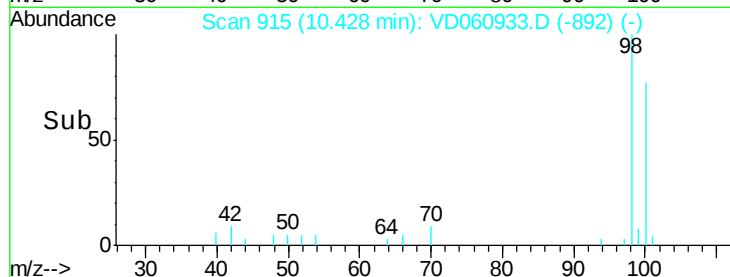
10.43

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD060933.D

Acq: 4 Mar 2019 19:41

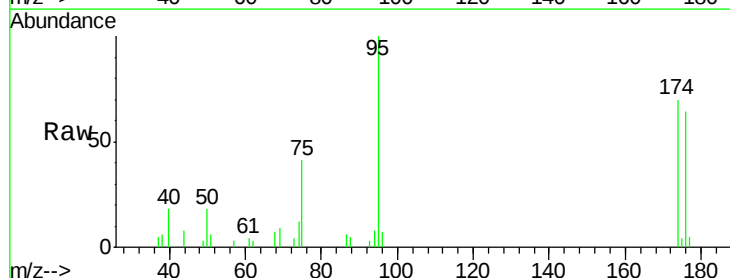
Tgt Ion: 95 Resp: 16150

Ion Ratio Lower Upper

95 100

174 70.1 0.0 165.6

176 64.0 0.0 160.6



Abundance Ion 95.00 (94.70 to 95.70): VD060912.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060912.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060912.D (-1227) (-)

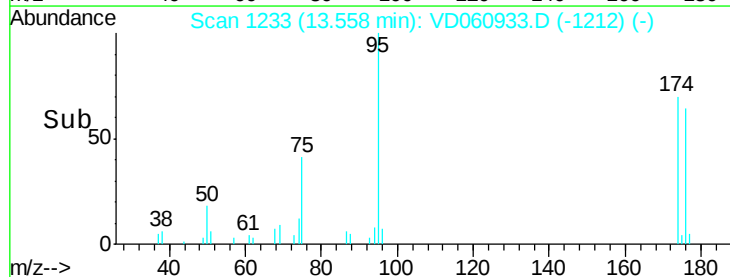
13.56

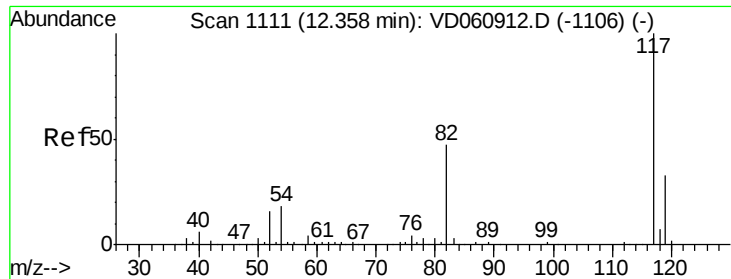
10000

5000

0

Time-->

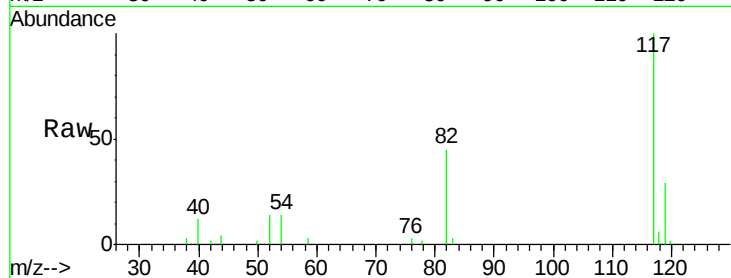




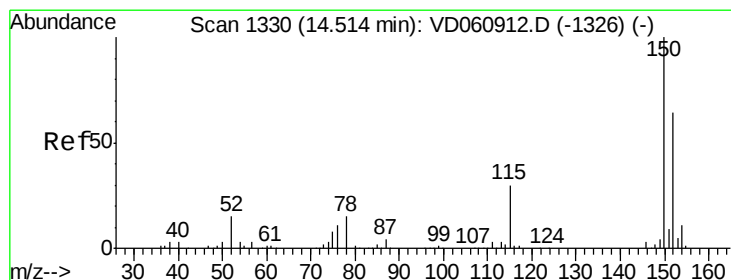
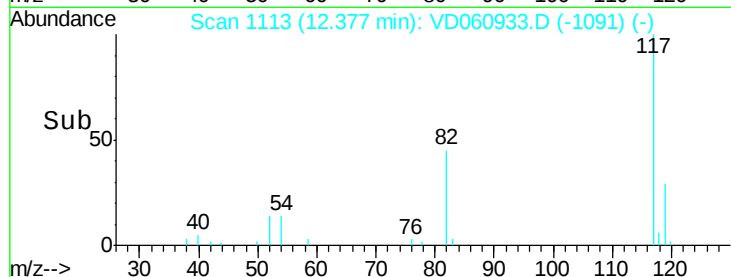
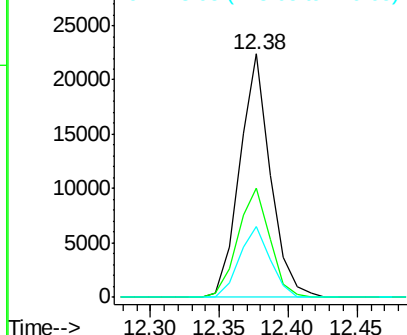
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD060933.D
Acq: 4 Mar 2019 19:41

Instrument :
MSVOA_D
ClientSampleId :
SB-A-14-18

Tot Ion:117 Resp: 34717
Ion Ratio Lower Upper
117 100
82 44.8 37.5 56.3
119 29.2 26.2 39.2

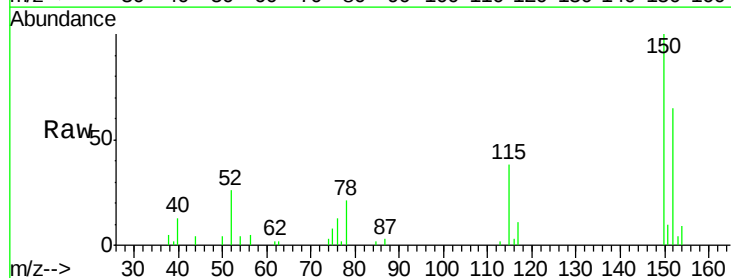


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD060933.D
Acq: 4 Mar 2019 19:41

Tgt Ion:152 Resp: 16175
Ion Ratio Lower Upper
152 100
115 58.0 27.6 82.8
150 153.7 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

