

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030519\
 Data File : VD060951.D
 Acq On : 5 Mar 2019 16:21
 Operator : VA/AP
 Sample : K1714-14
 Misc : 5.78g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Mar 06 04:39:00 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

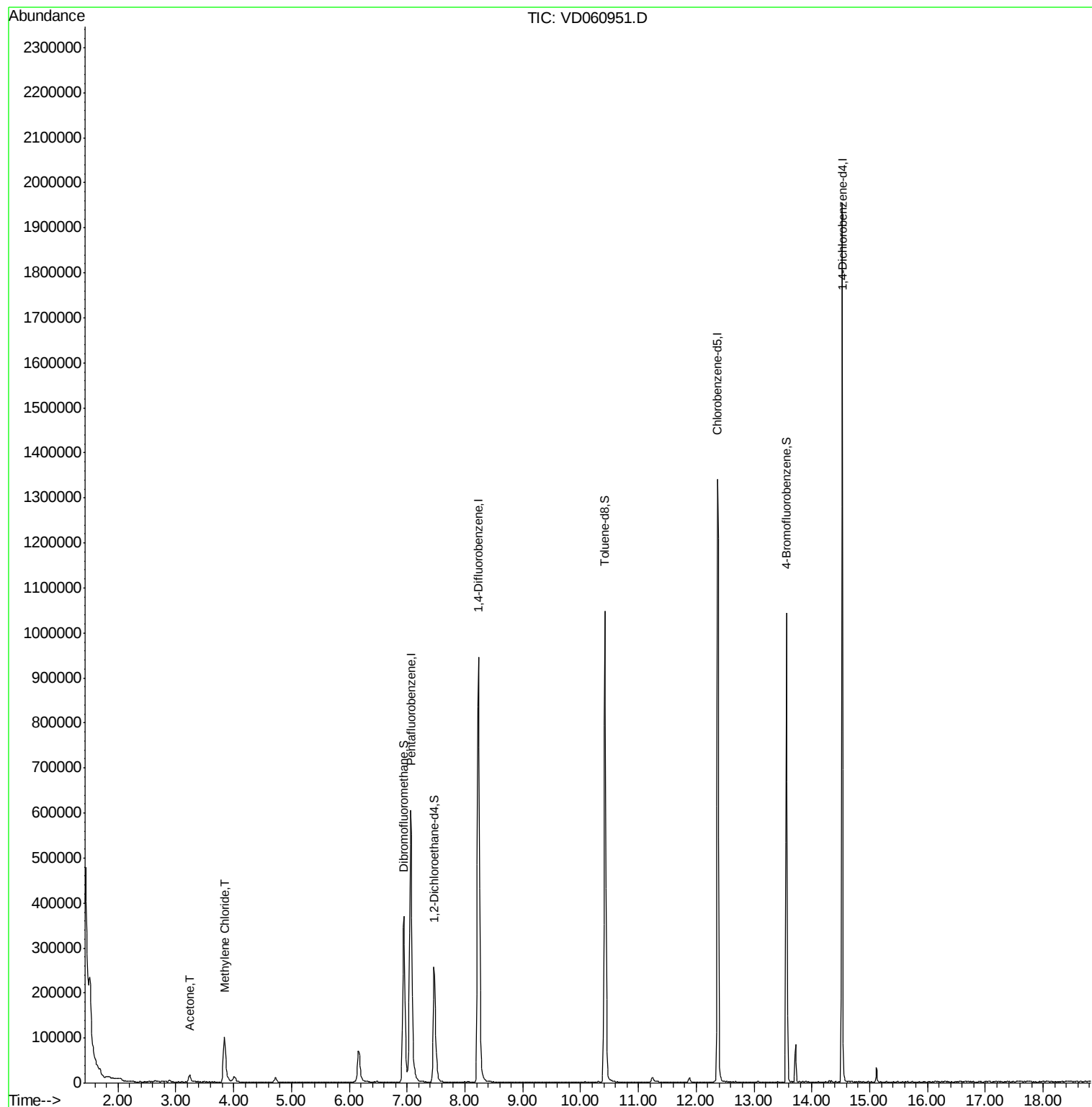
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	638891	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1161064	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	885402	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	435743	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	229070	43.37	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.74%	
35) Dibromofluoromethane	6.94	113	360144	38.69	ug/l	0.03
Spiked Amount 50.000			Recovery	=	77.38%	
50) Toluene-d8	10.42	98	884055	38.17	ug/l	0.02
Spiked Amount 50.000			Recovery	=	76.34%	
62) 4-Bromofluorobenzene	13.56	95	333106	38.06	ug/l	0.01
Spiked Amount 50.000			Recovery	=	76.12%	
Target Compounds						
16) Acetone	3.24	43	32442	18.397	ug/l	96
20) Methylene Chloride	3.84	84	78756	6.231	ug/l	98

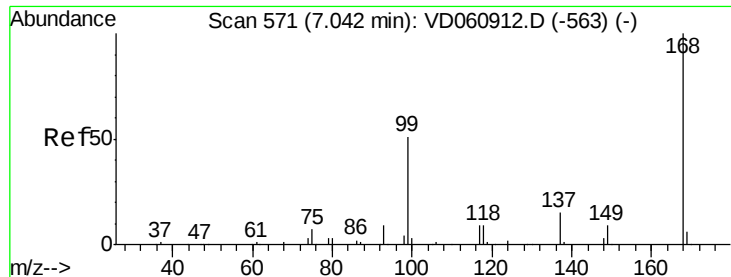
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 02 01:28:28 2019
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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: VD060951.D

Acq: 5 Mar 2019 16:21

Instrument :

MSVOA_D

ClientSampleId :

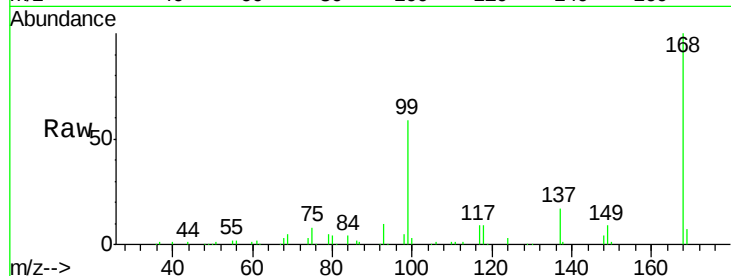
SB-C-2-5

Tot Ion:168 Resp: 638891

Ion Ratio Lower Upper

168 100

99 59.4 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

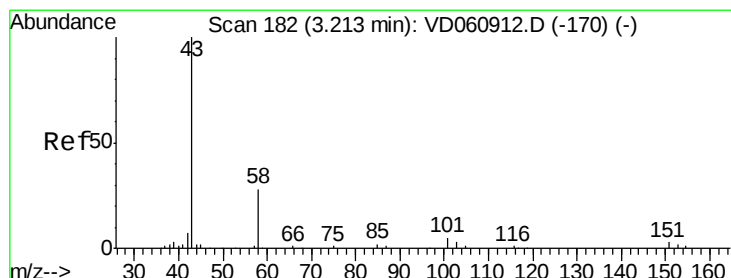
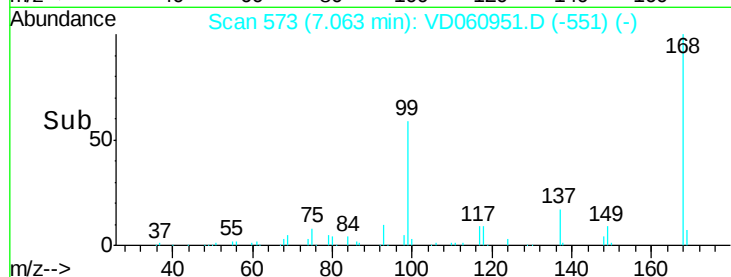
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 18.397 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.03 min

Lab File: VD060951.D

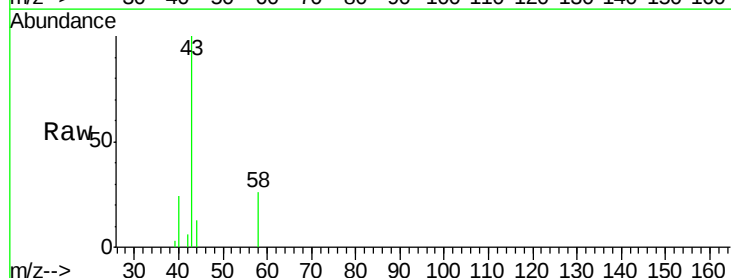
Acq: 5 Mar 2019 16:21

Tgt Ion: 43 Resp: 32442

Ion Ratio Lower Upper

43 100

58 26.3 22.8 34.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

12000

10000

8000

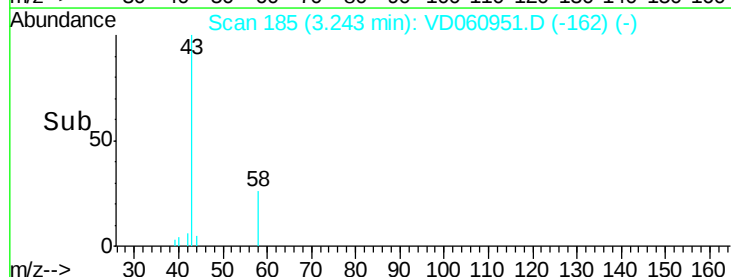
6000

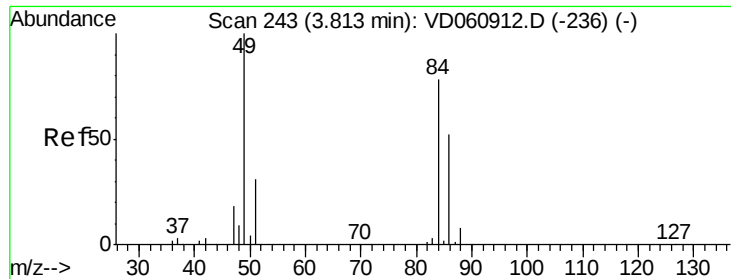
4000

2000

0

Time--> 3.10 3.20 3.30 3.40

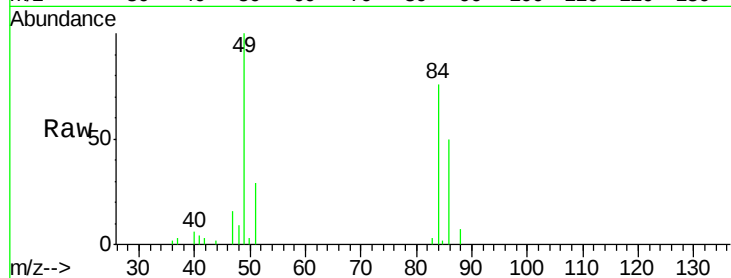




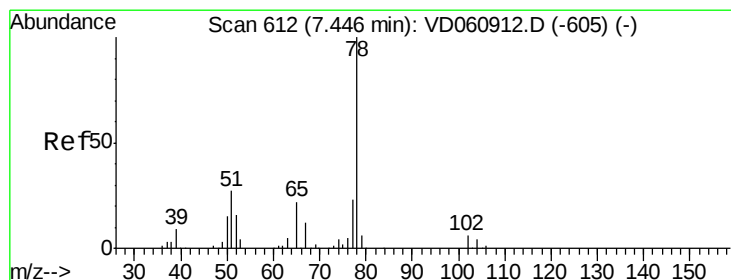
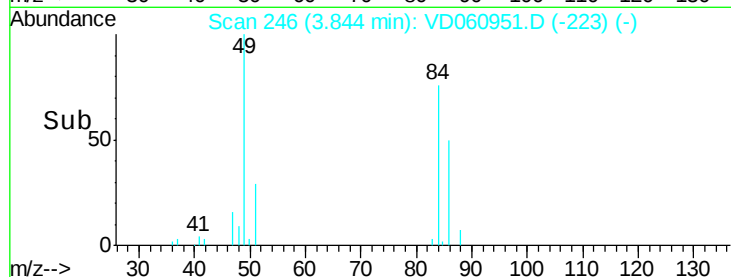
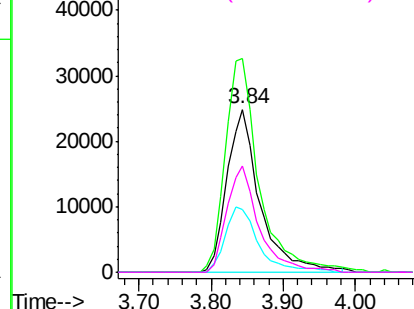
#20
Methylene Chloride
Concen: 6.231 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.03 min
Lab File: VD060951.D
Acq: 5 Mar 2019 16:21

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

Tot Ion:	84	Resp:	78756
Ion	Ratio	Lower	Upper
84	100		
49	130.9	102.4	153.6
51	38.1	31.9	47.9
86	64.8	53.1	79.7

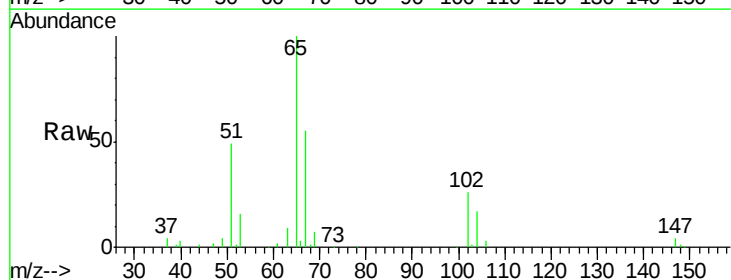


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

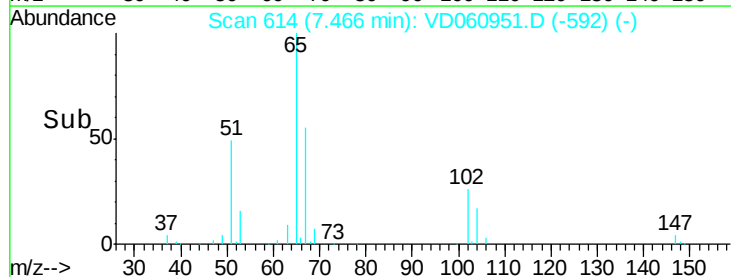
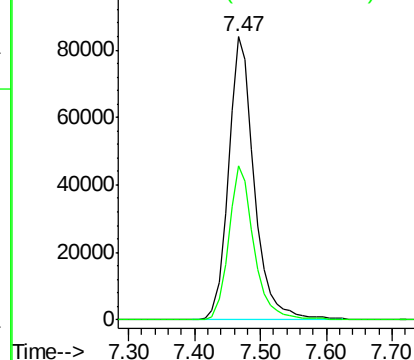


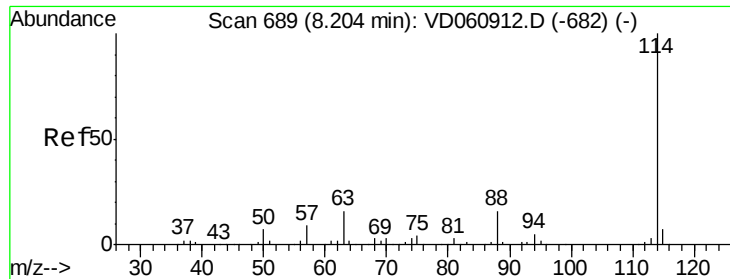
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD060951.D
Acq: 5 Mar 2019 16:21

Tgt Ion:	65	Resp:	229070
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

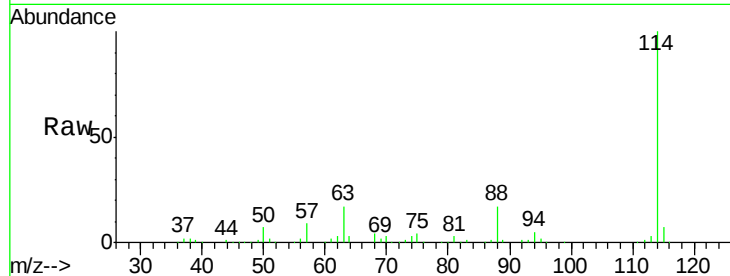




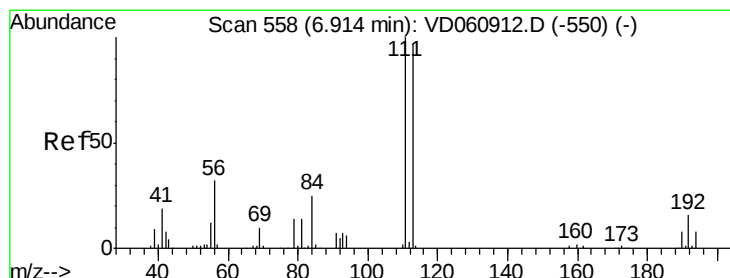
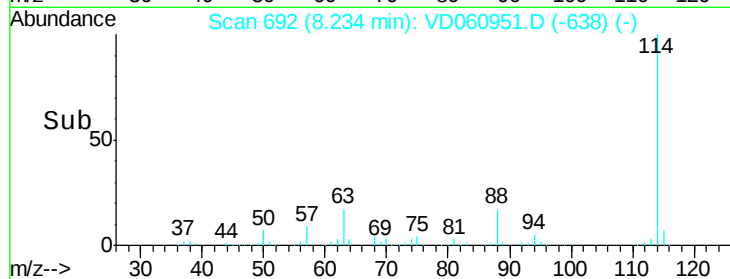
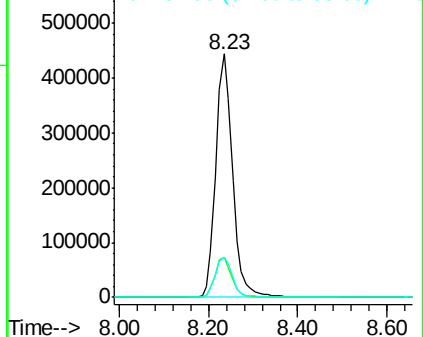
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: VD060951.D
 Acq: 5 Mar 2019 16:21

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

Tot Ion:114 Resp: 1161064
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 32.0
 88 16.7 0.0 32.8

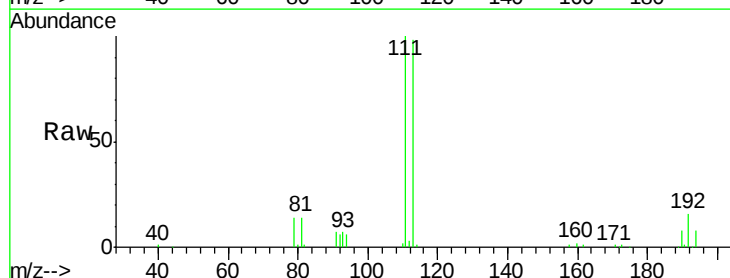


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

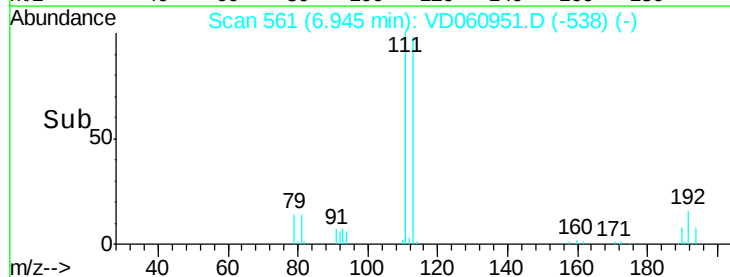
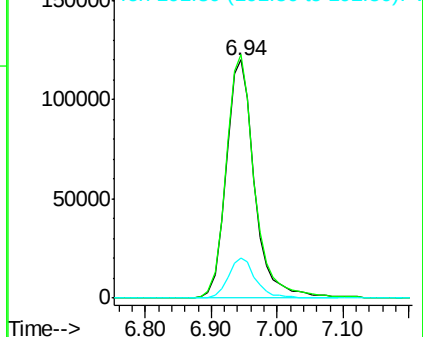


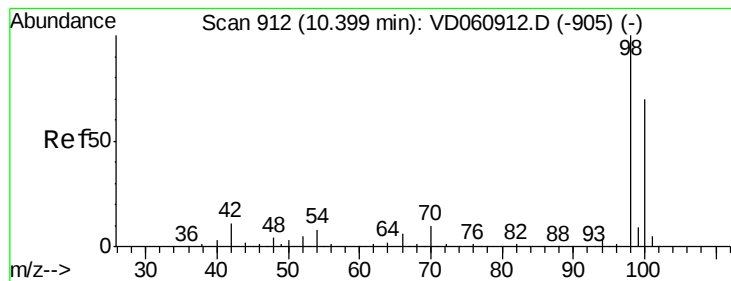
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.03 min
 Lab File: VD060951.D
 Acq: 5 Mar 2019 16:21

Tgt Ion:113 Resp: 360144
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.6 124.0
 192 16.6 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: VD060951.D

Acq: 5 Mar 2019 16:21

Instrument :

MSVOA_D

ClientSampleId :

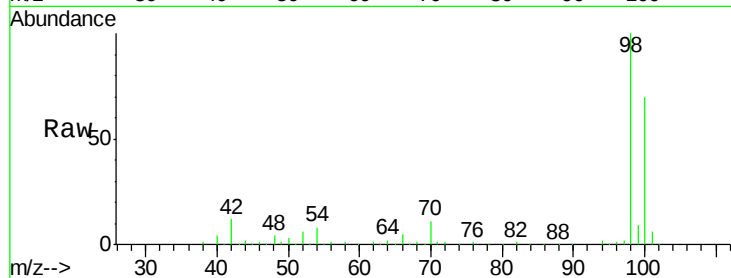
SB-C-2-5

Tot Ion: 98 Resp: 884055

Ion Ratio Lower Upper

98 100

100 70.4 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) (-)

10.42

400000

300000

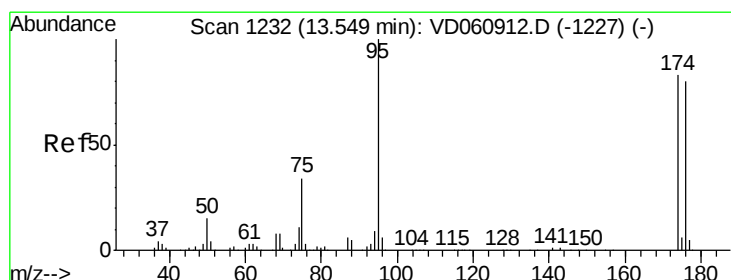
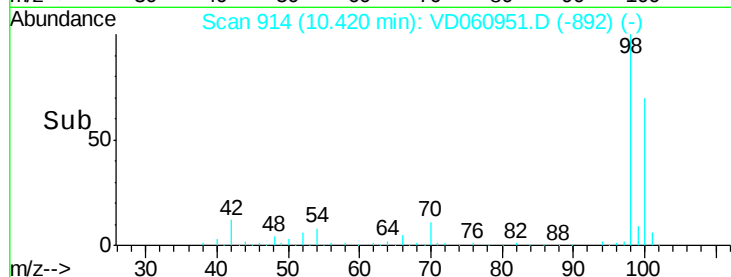
200000

100000

0

10.40 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD060951.D

Acq: 5 Mar 2019 16:21

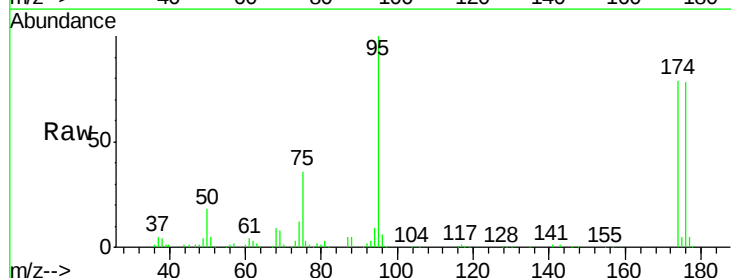
Tgt Ion: 95 Resp: 333106

Ion Ratio Lower Upper

95 100

174 79.4 0.0 165.6

176 78.2 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) (-)

300000

250000

200000

150000

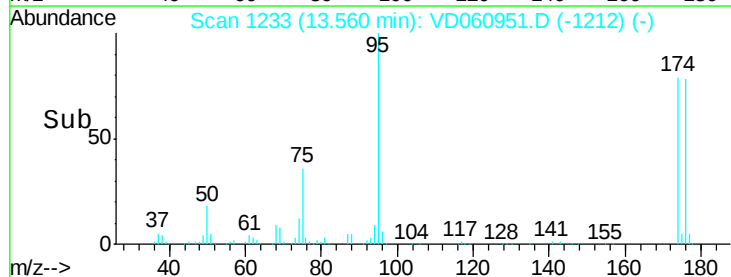
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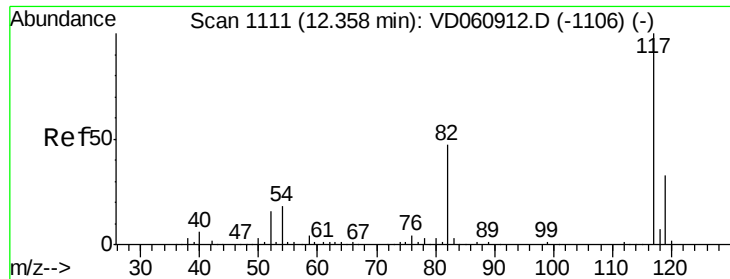
50000

0

13.50 13.60 13.70

Time-->

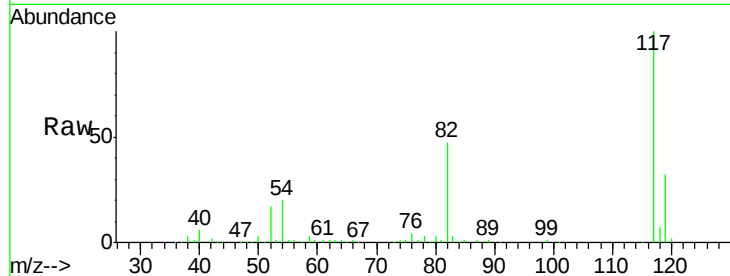




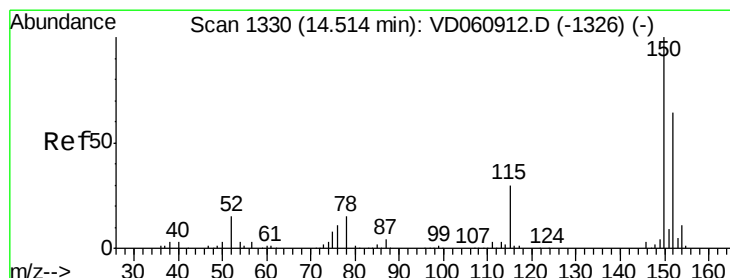
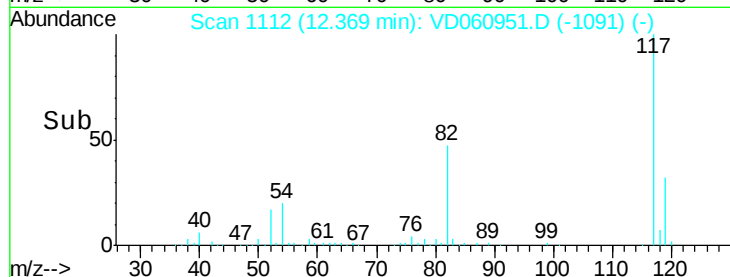
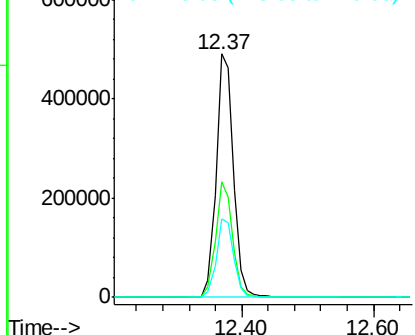
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD060951.D
Acq: 5 Mar 2019 16:21

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

Tot Ion:117 Resp: 885402
Ion Ratio Lower Upper
117 100
82 47.3 37.5 56.3
119 32.3 26.2 39.2

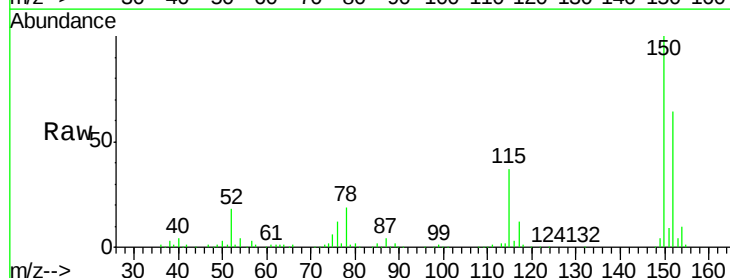


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD060951.D
Acq: 5 Mar 2019 16:21

Tgt Ion:152 Resp: 435743
Ion Ratio Lower Upper
152 100
115 57.6 27.6 82.8
150 155.1 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

