

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030519\
 Data File : VD060950.D
 Acq On : 5 Mar 2019 15:53
 Operator : VA/AP
 Sample : K1714-13
 Misc : 5.94g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-C-0-2

Quant Time: Mar 06 04:37:39 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

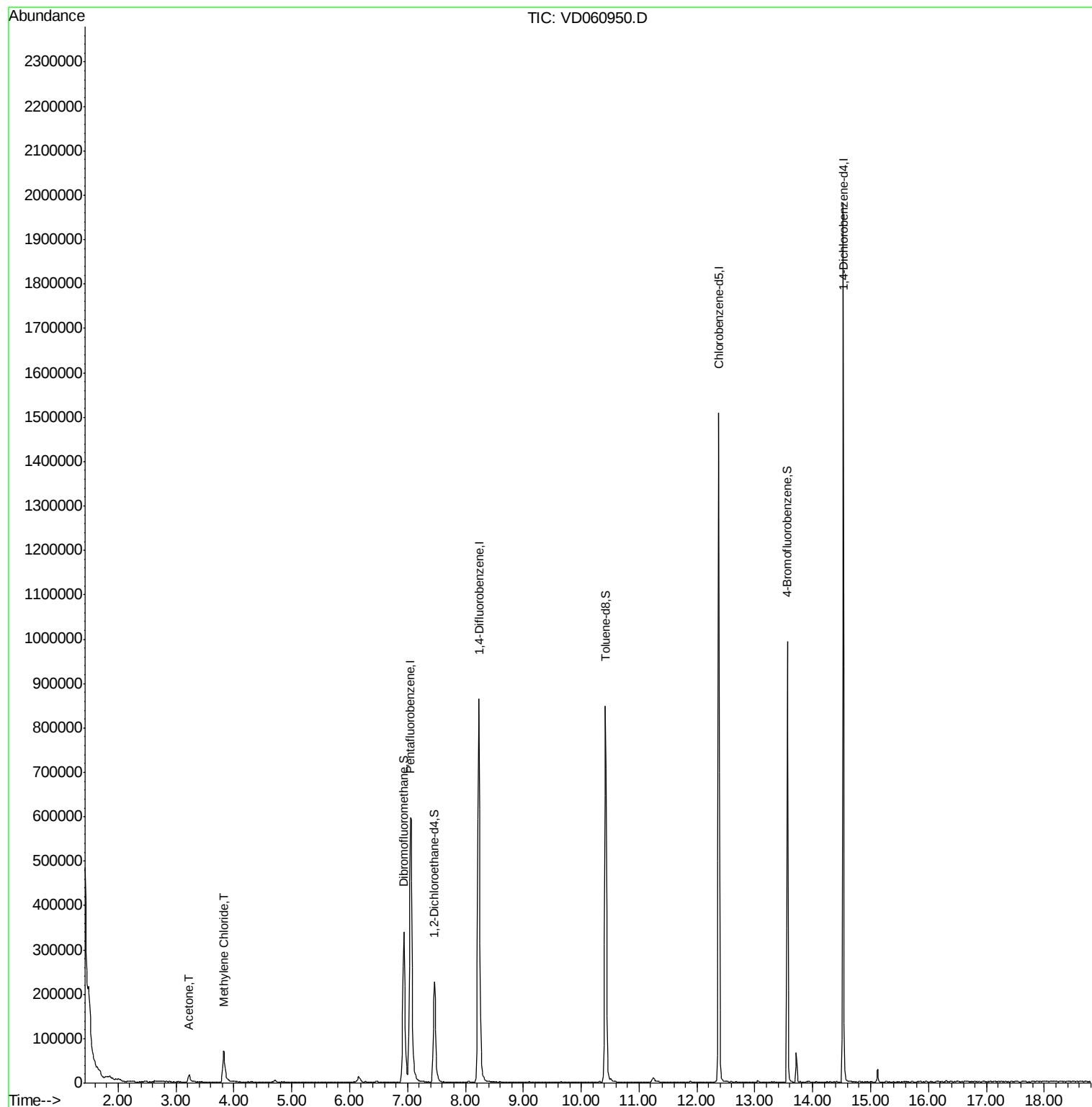
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	633890	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1101396	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	965983	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	430444	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	209743	40.03	ug/l	0.02
Spiked Amount 50.000			Recovery	=	80.06%	
35) Dibromofluoromethane	6.93	113	327265	37.06	ug/l	0.02
Spiked Amount 50.000			Recovery	=	74.12%	
50) Toluene-d8	10.42	98	736663	33.53	ug/l	0.02
Spiked Amount 50.000			Recovery	=	67.06%	
62) 4-Bromofluorobenzene	13.56	95	322707	38.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.74%	
Target Compounds						
16) Acetone	3.22	43	31160	17.809	ug/l	92
20) Methylene Chloride	3.82	84	54641	3.180	ug/l	95

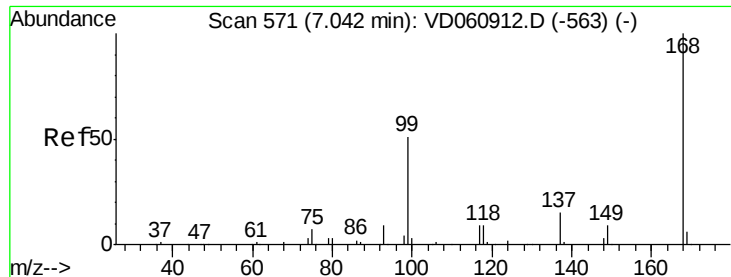
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD060950.D

Acq: 5 Mar 2019 15:53

Instrument :

MSVOA_D

ClientSampleId :

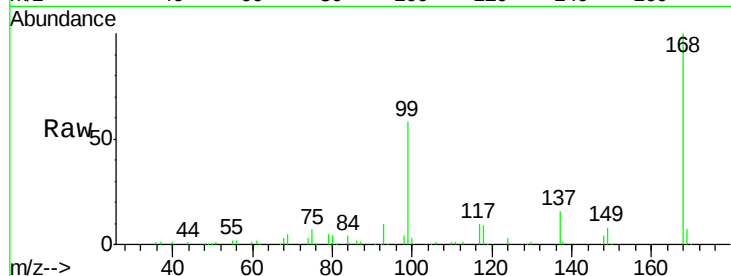
SB-C-0-2

Tot Ion:168 Resp: 633890

Ion Ratio Lower Upper

168 100

99 58.0 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

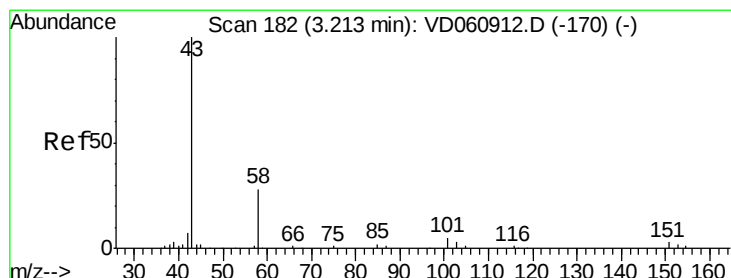
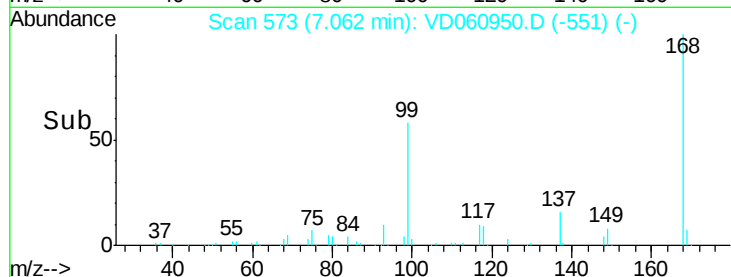
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 17.809 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD060950.D

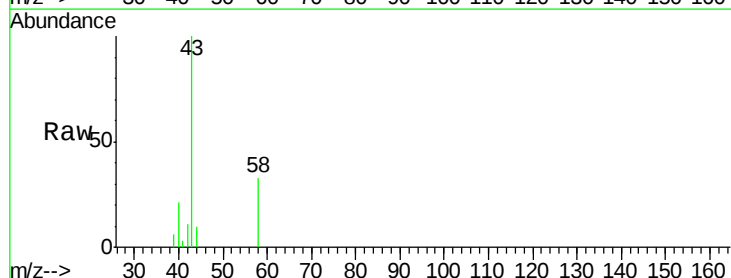
Acq: 5 Mar 2019 15:53

Tgt Ion: 43 Resp: 31160

Ion Ratio Lower Upper

43 100

58 32.7 22.8 34.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

12000

10000

8000

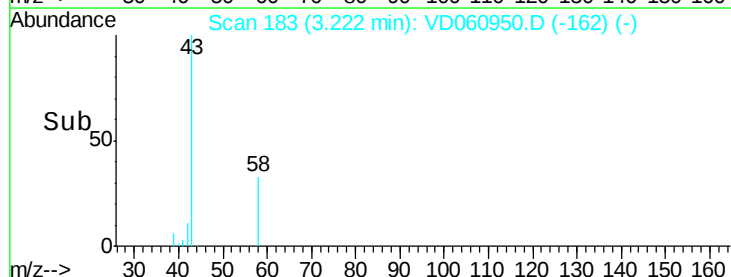
6000

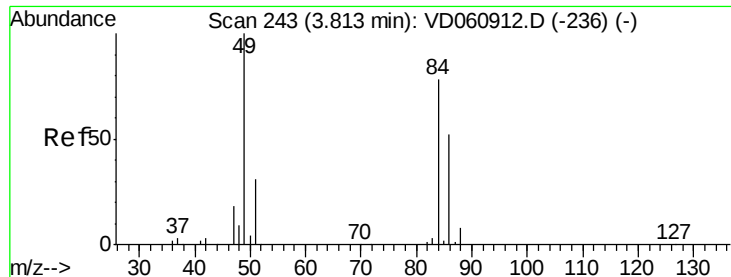
4000

2000

0

Time--> 3.10 3.20 3.30 3.40

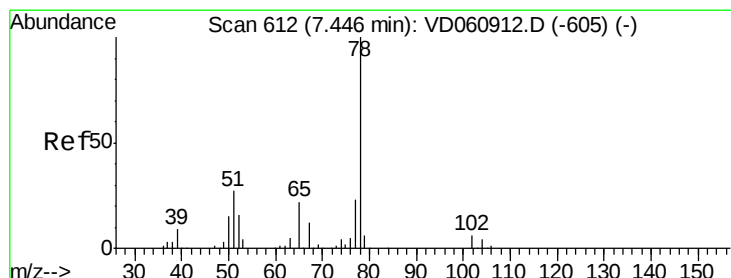
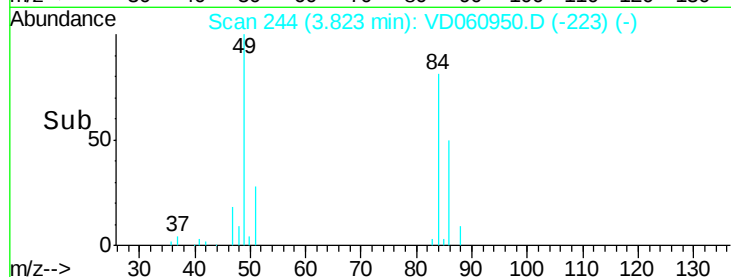
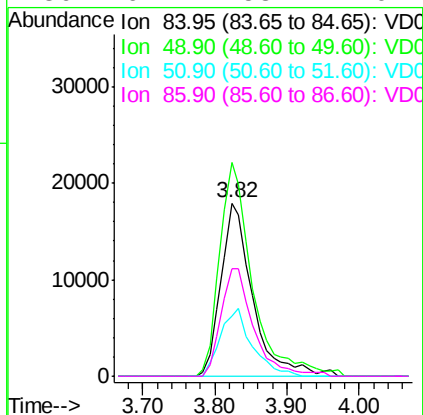
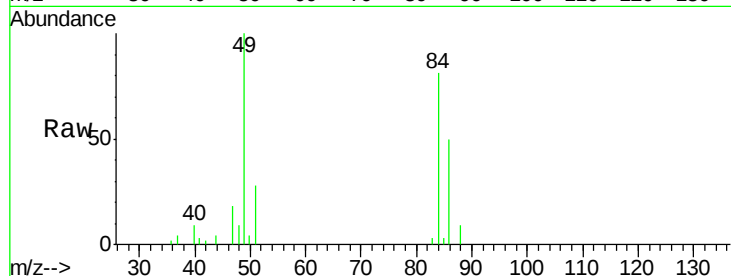




#20
Methylene Chloride
Concen: 3.180 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD060950.D
Acq: 5 Mar 2019 15:53

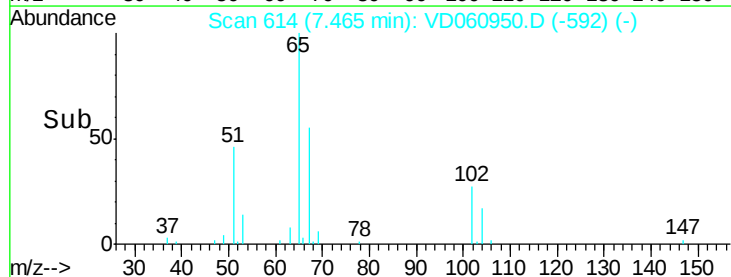
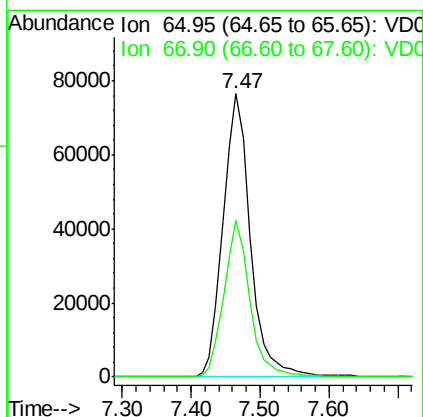
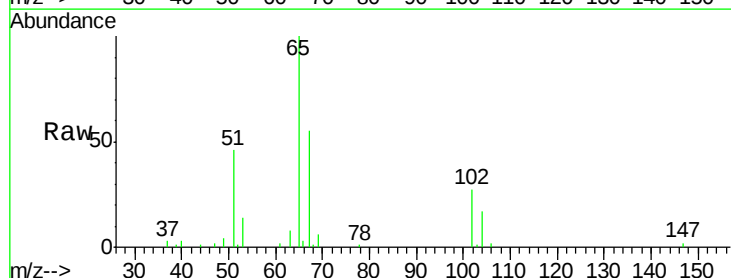
Instrument :
MSVOA_D
ClientSampleId :
SB-C-0-2

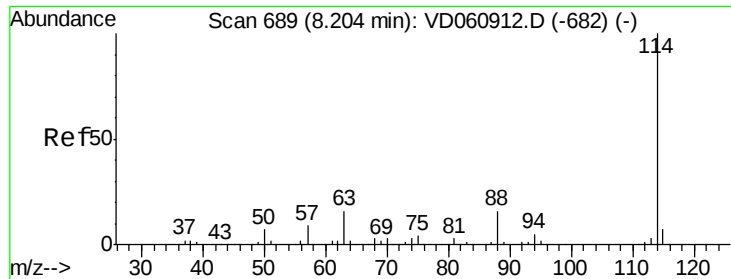
Tot Ion: 84 Resp: 54641
Ion Ratio Lower Upper
84 100
49 123.2 102.4 153.6
51 35.0 31.9 47.9
86 62.1 53.1 79.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD060950.D
Acq: 5 Mar 2019 15:53

Tgt Ion: 65 Resp: 209743
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.4

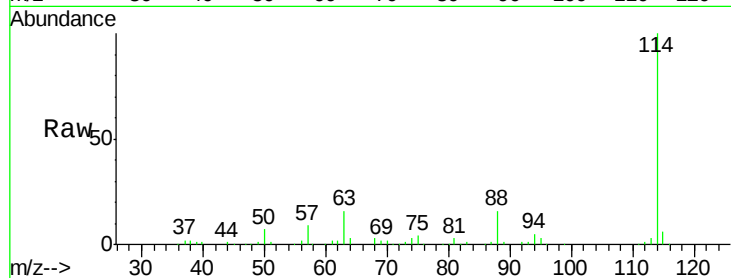




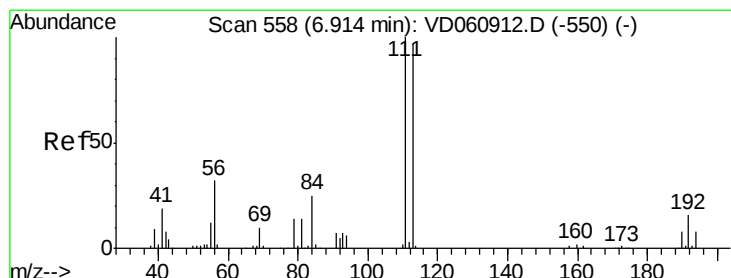
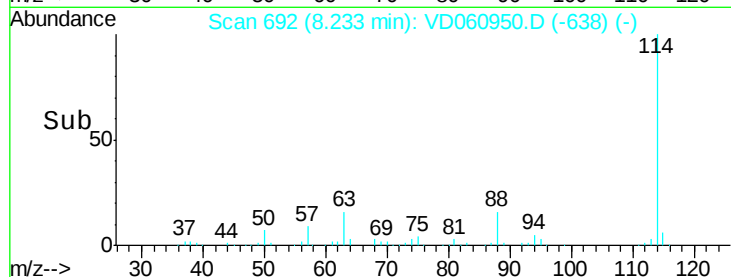
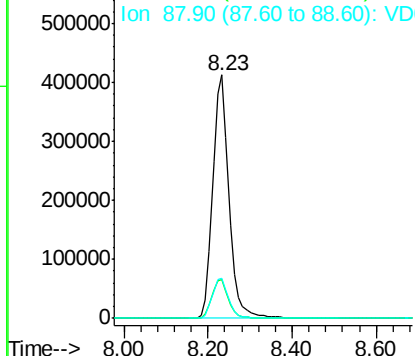
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: VD060950.D
 Acq: 5 Mar 2019 15:53

Instrument :
 MSVOA_D
 ClientSampled :
 SB-C-0-2

Tot Ion:114 Resp: 1101396
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 32.0
 88 16.4 0.0 32.8

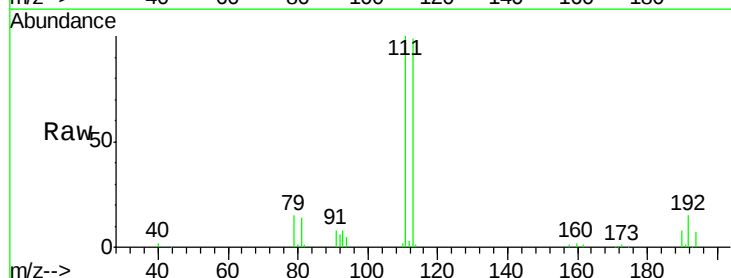


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

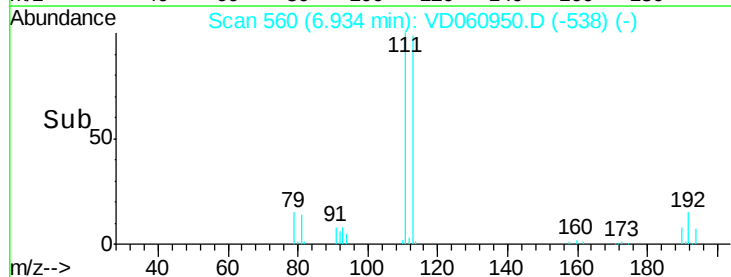
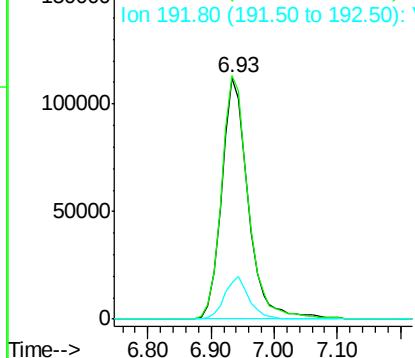


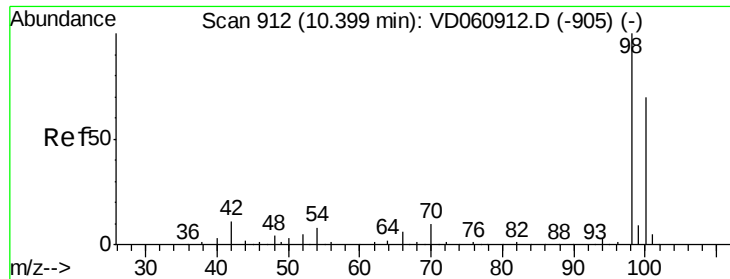
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.02 min
 Lab File: VD060950.D
 Acq: 5 Mar 2019 15:53

Tgt Ion:113 Resp: 327265
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.6 124.0
 192 14.9 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

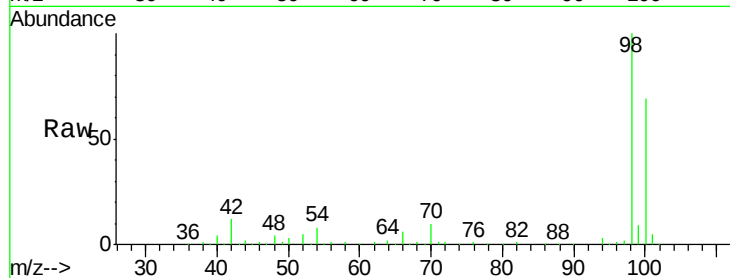




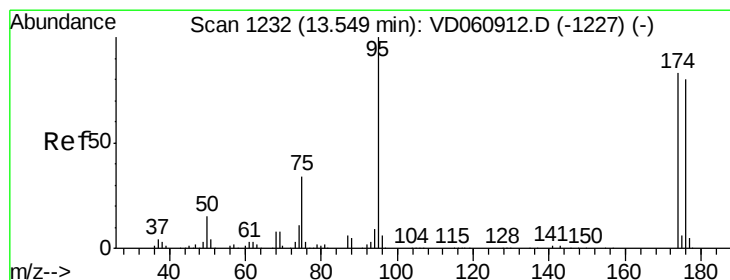
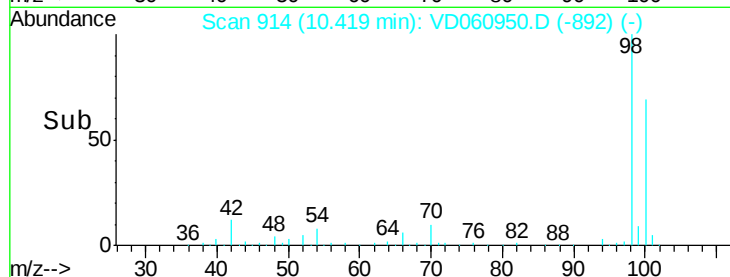
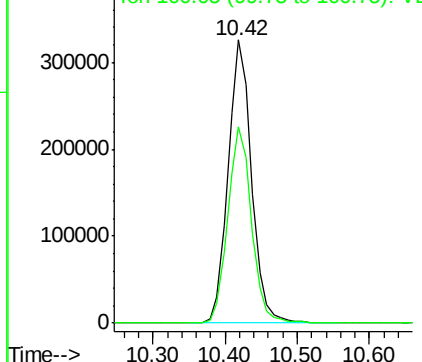
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD060950.D
Acq: 5 Mar 2019 15:53

Instrument :
MSVOA_D
ClientSampleId :
SB-C-0-2

Tot Ion: 98 Resp: 736663
Ion Ratio Lower Upper
98 100
100 69.4 57.0 85.4

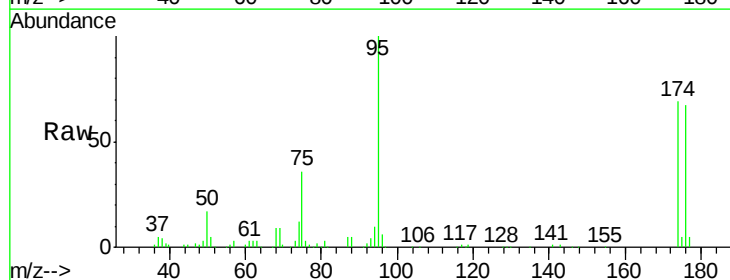


Abundance Ion 98.05 (97.75 to 98.75): VD060912.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD060912.D (-905) (-)

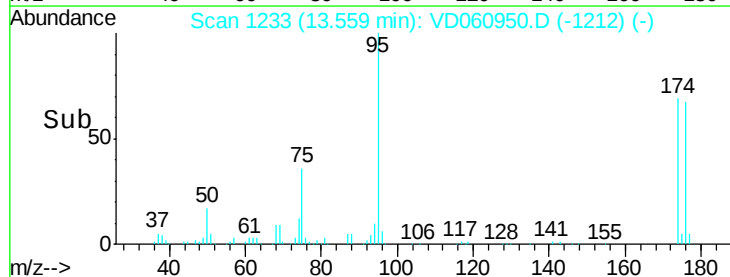
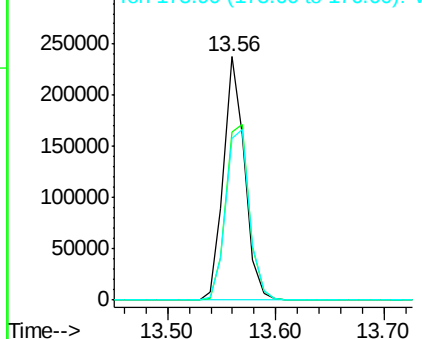


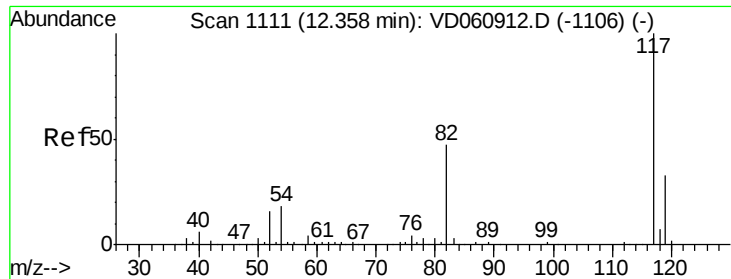
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD060950.D
Acq: 5 Mar 2019 15:53

Tgt Ion: 95 Resp: 322707
Ion Ratio Lower Upper
95 100
174 69.3 0.0 165.6
176 66.5 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) (-)

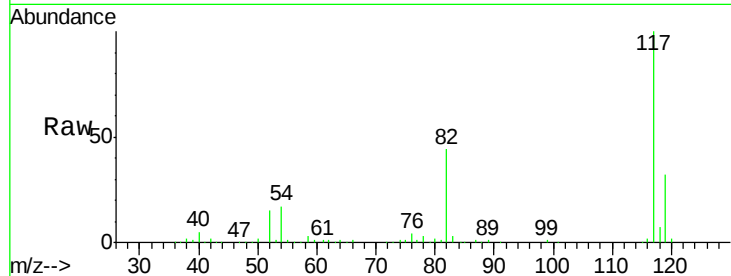




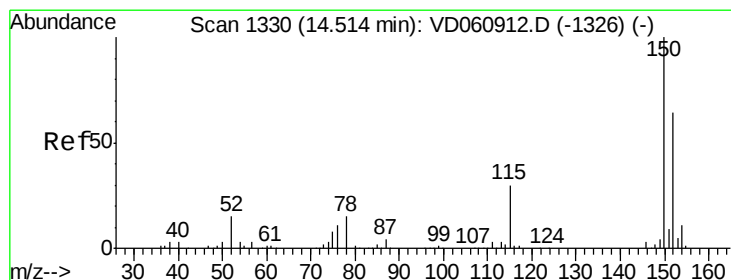
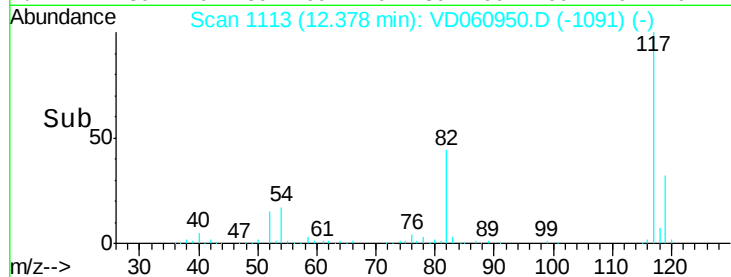
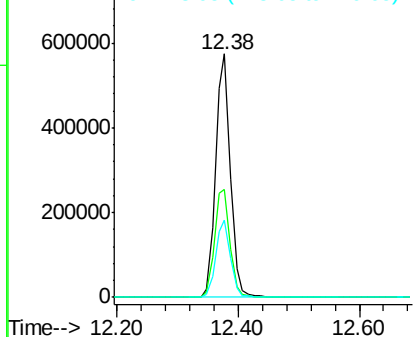
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD060950.D
Acq: 5 Mar 2019 15:53

Instrument :
MSVOA_D
ClientSampleId :
SB-C-0-2

Tot Ion:117 Resp: 965983
Ion Ratio Lower Upper
117 100
82 44.4 37.5 56.3
119 31.7 26.2 39.2

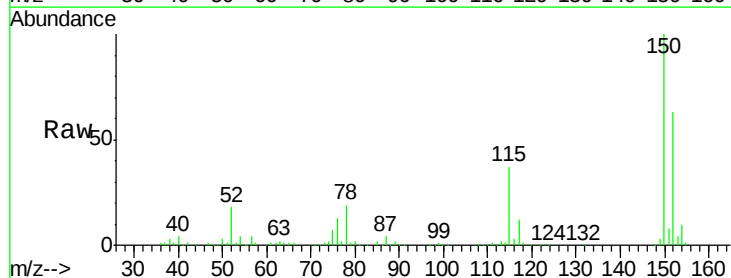


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD060950.D
Acq: 5 Mar 2019 15:53

Tgt Ion:152 Resp: 430444
Ion Ratio Lower Upper
152 100
115 59.3 27.6 82.8
150 158.3 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

