

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030419\
 Data File : VD060936.D
 Acq On : 4 Mar 2019 21:04
 Operator : VA/AP
 Sample : K1714-09
 Misc : 5.73g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-B-5-8

Quant Time: Mar 05 02:56:32 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

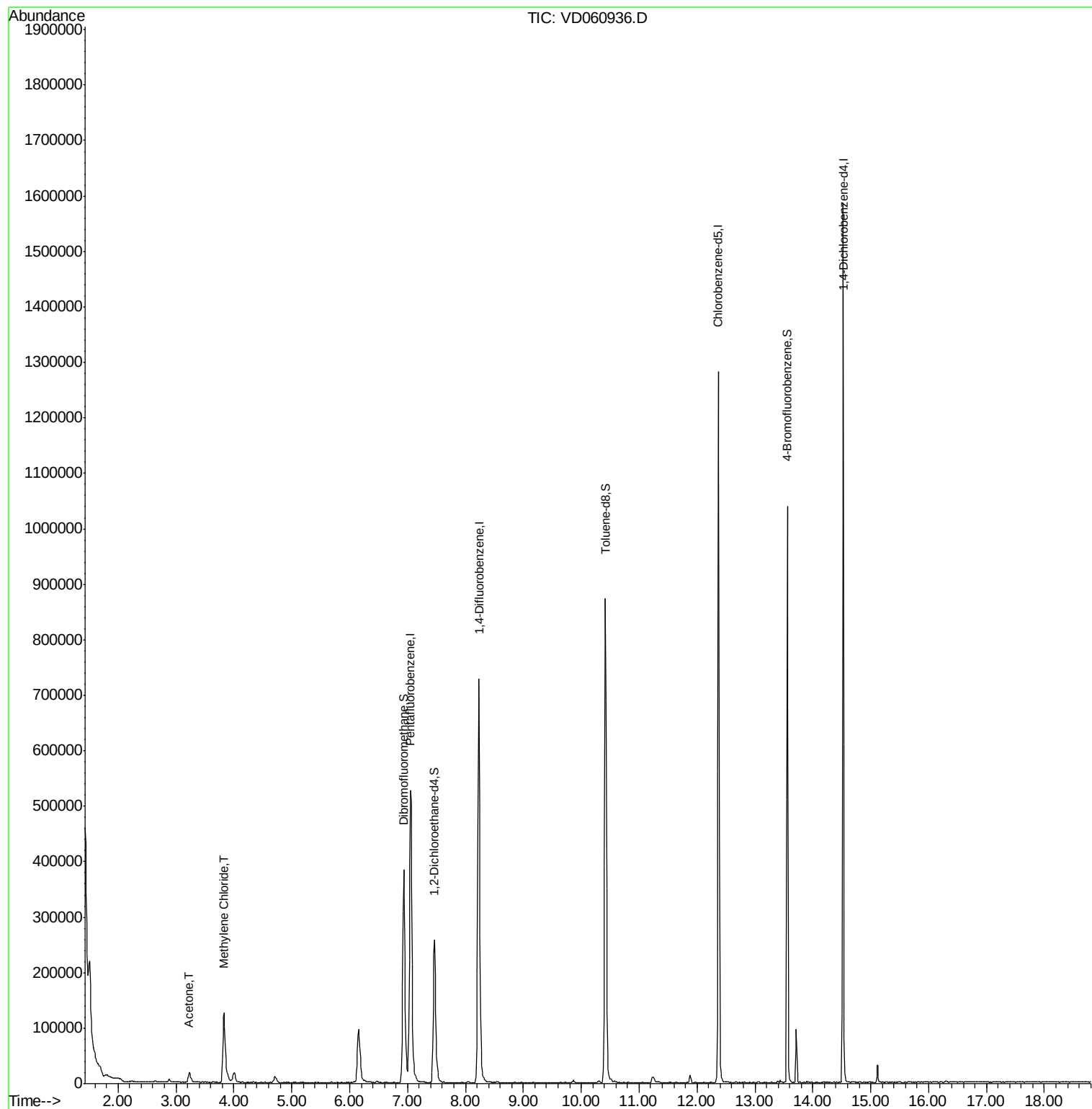
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	530003	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	905766	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	802659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	351749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	229423	52.36	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.72%	
35) Dibromofluoromethane	6.93	113	361965	49.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	10.42	98	788821	43.66	ug/l	0.02
Spiked Amount 50.000			Recovery	=	87.32%	
62) 4-Bromofluorobenzene	13.56	95	331779	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
Target Compounds						
16) Acetone	3.23	43	40842	27.918	ug/l	93
20) Methylene Chloride	3.83	84	102910	12.066	ug/l	96

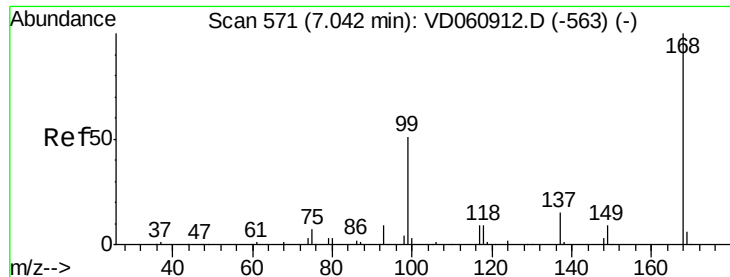
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD060936.D

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MSVOA_D

ClientSampleId :

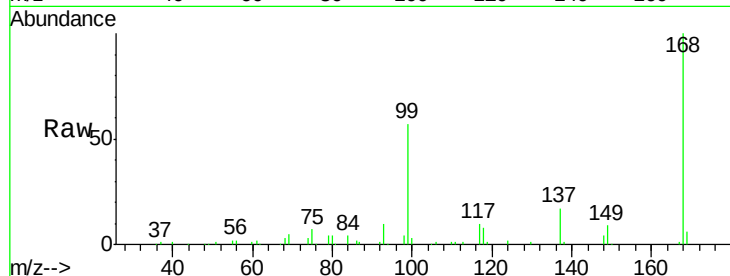
SB-B-5-8

Tot Ion:168 Resp: 530003

Ion Ratio Lower Upper

168 100

99 56.7 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

200000

150000

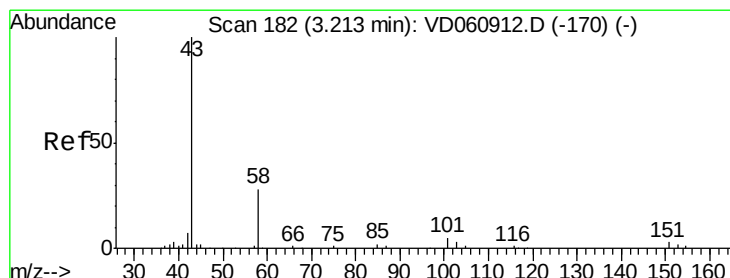
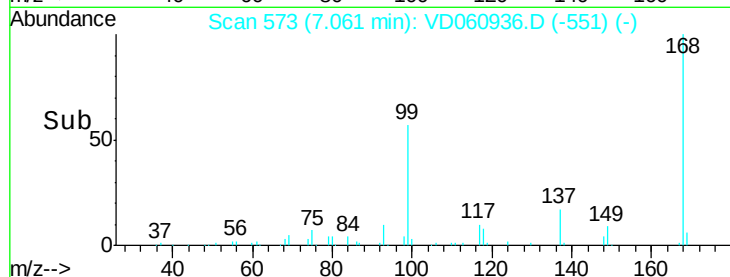
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 27.918 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD060936.D

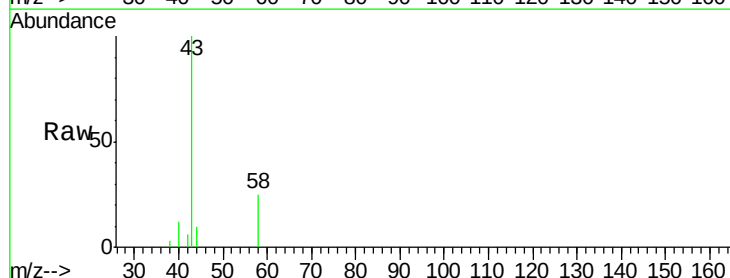
Acq: 4 Mar 2019 21:04

Tgt Ion: 43 Resp: 40842

Ion Ratio Lower Upper

43 100

58 24.5 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

15000

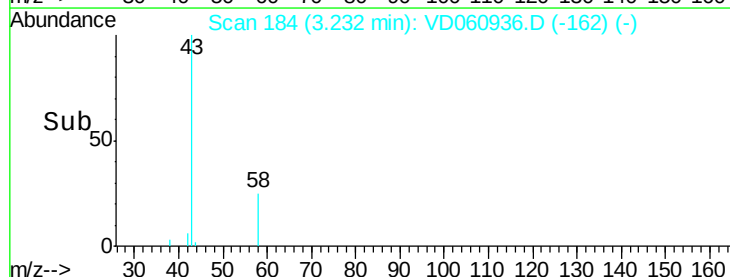
10000

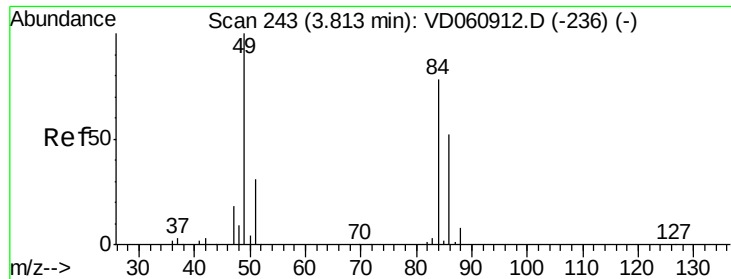
5000

0

3.10 3.20 3.30 3.40

Time-->

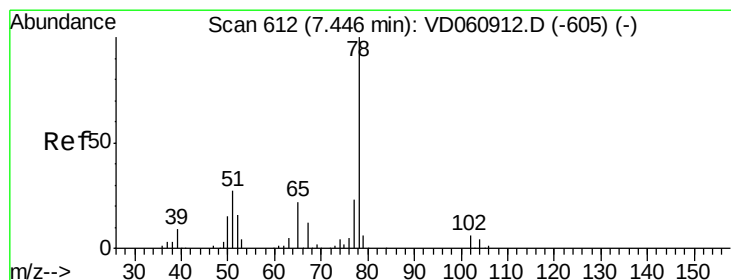
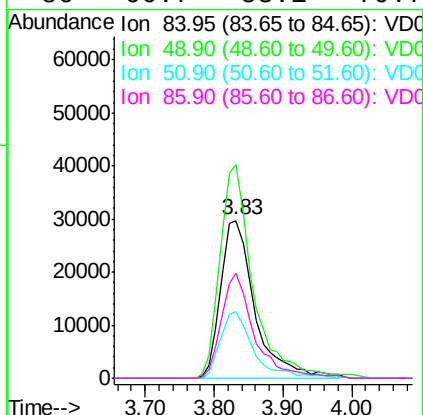
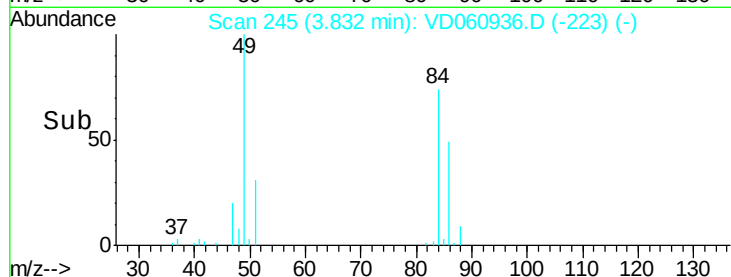
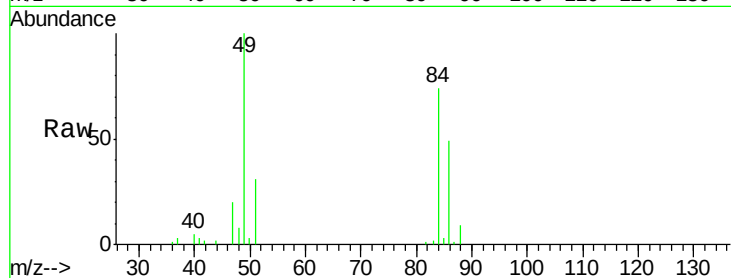




#20
Methylene Chloride
Concen: 12.066 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.02 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

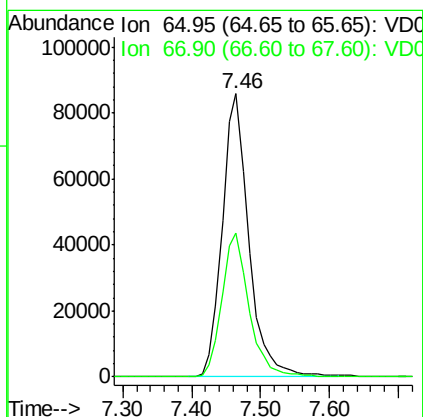
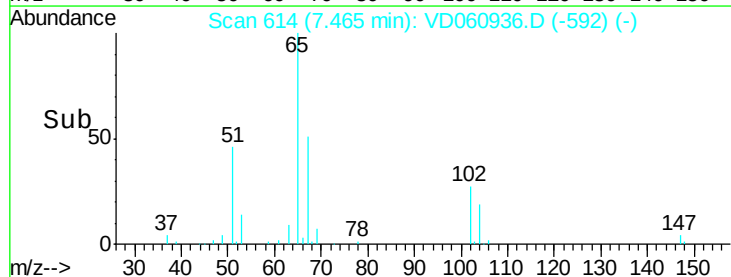
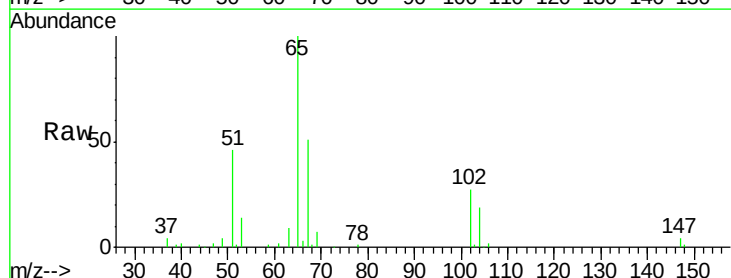
Instrument :
MSVOA_D
ClientSampleId :
SB-B-5-8

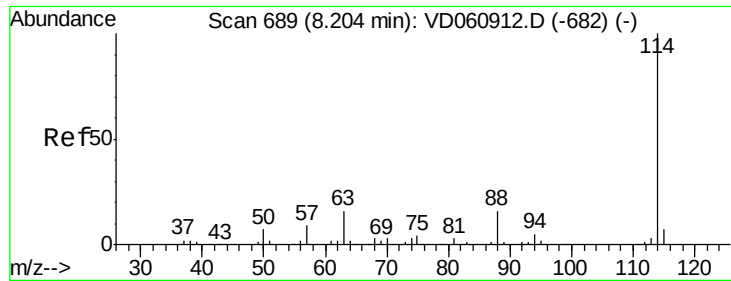
Tot Ion: 84 Resp: 102910
Ion Ratio Lower Upper
84 100
49 135.6 102.4 153.6
51 42.1 31.9 47.9
86 66.7 53.1 79.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Tgt Ion: 65 Resp: 229423
Ion Ratio Lower Upper
65 100
67 50.7 0.0 109.4

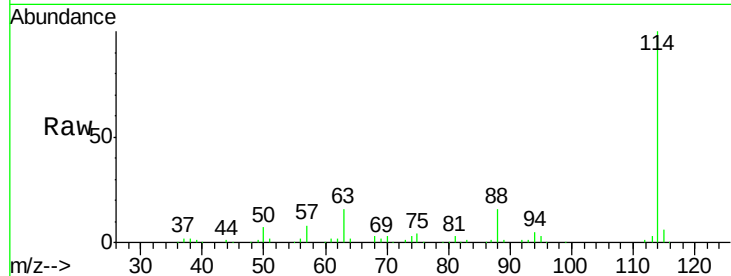




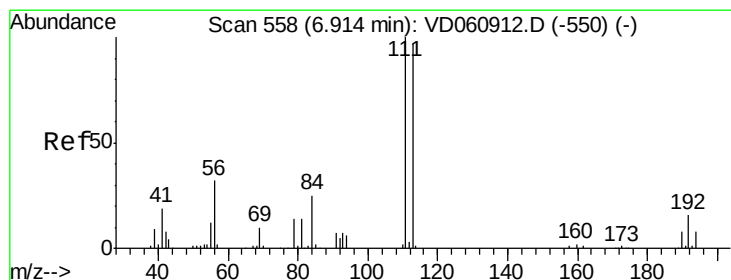
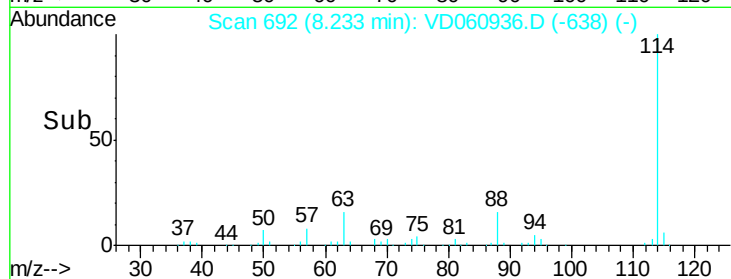
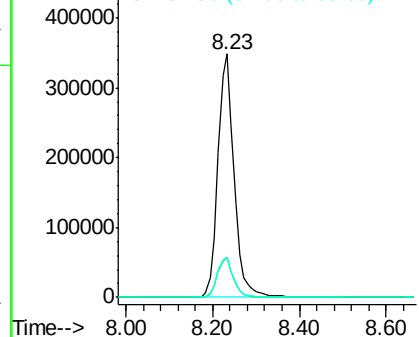
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: VD060936.D
 Acq: 4 Mar 2019 21:04

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-B-5-8

Tot Ion:114 Resp: 905766
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 32.0
 88 16.3 0.0 32.8

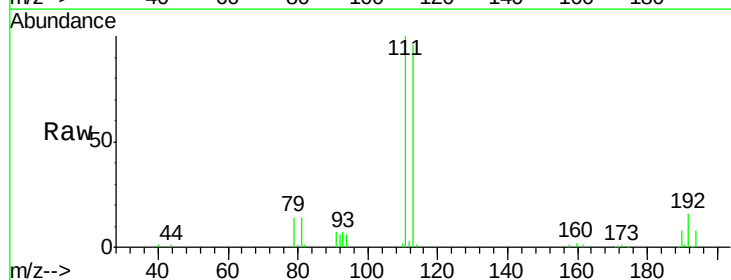


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

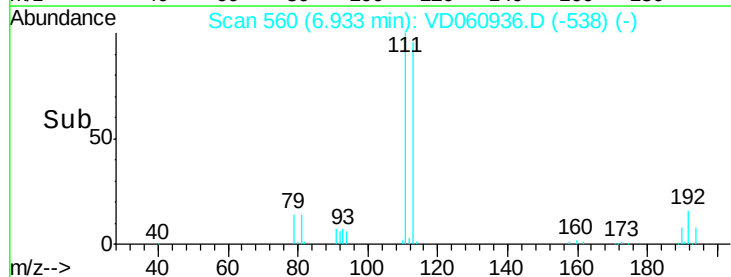
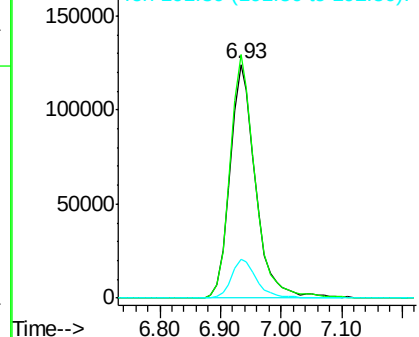


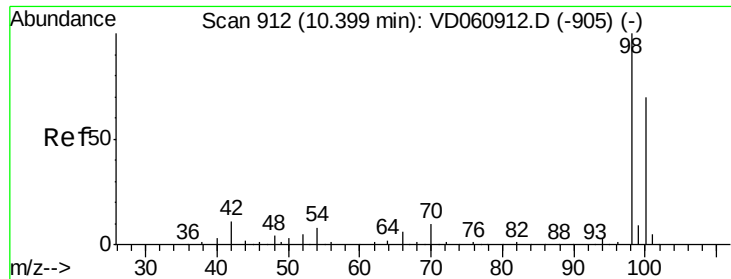
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.02 min
 Lab File: VD060936.D
 Acq: 4 Mar 2019 21:04

Tgt Ion:113 Resp: 361965
 Ion Ratio Lower Upper
 113 100
 111 104.1 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

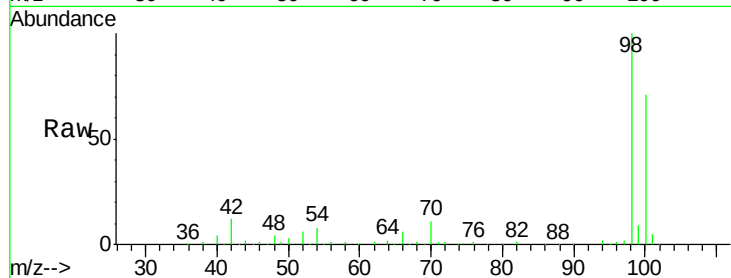




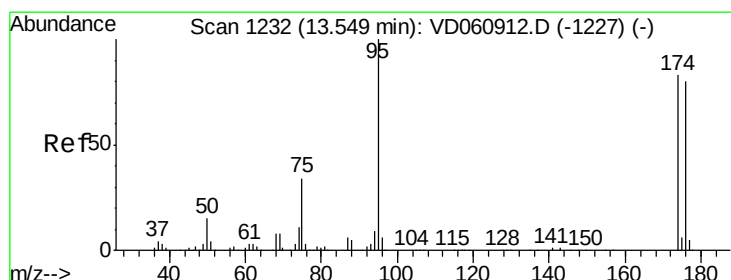
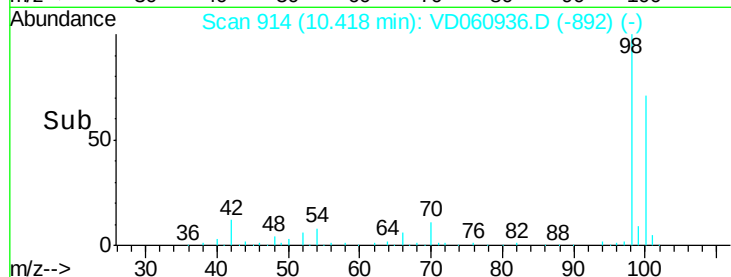
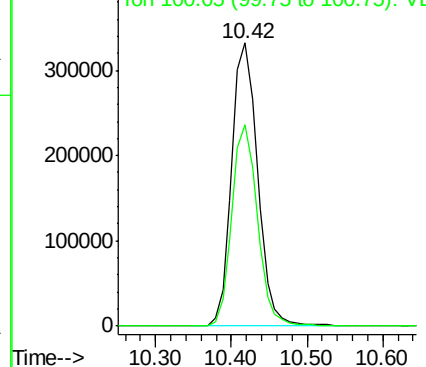
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Instrument :
MSVOA_D
ClientSampleId :
SB-B-5-8

Tot Ion: 98 Resp: 788821
Ion Ratio Lower Upper
98 100
100 71.1 57.0 85.4

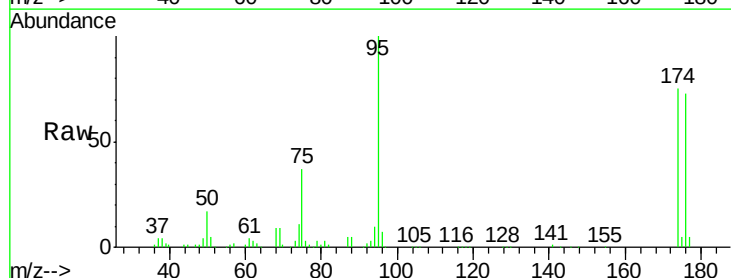


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

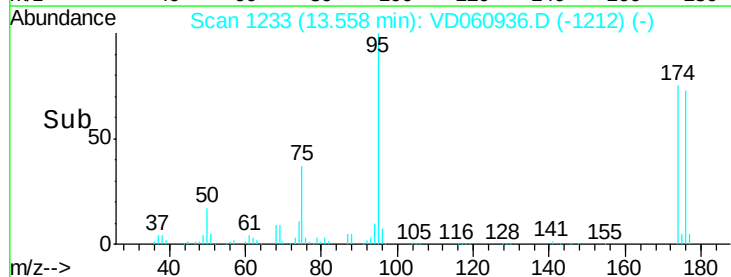
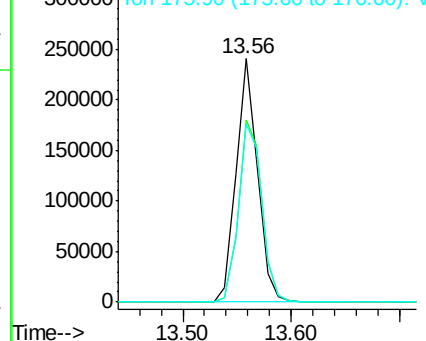


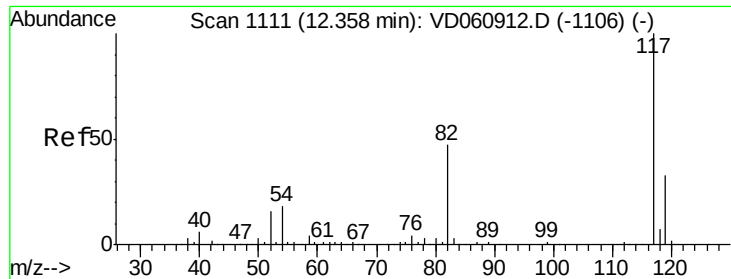
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Tgt Ion: 95 Resp: 331779
Ion Ratio Lower Upper
95 100
174 74.9 0.0 165.6
176 73.1 0.0 160.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

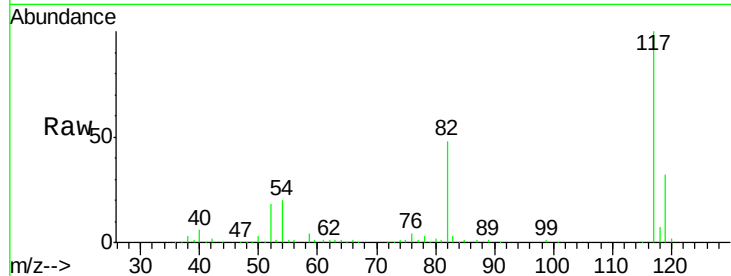




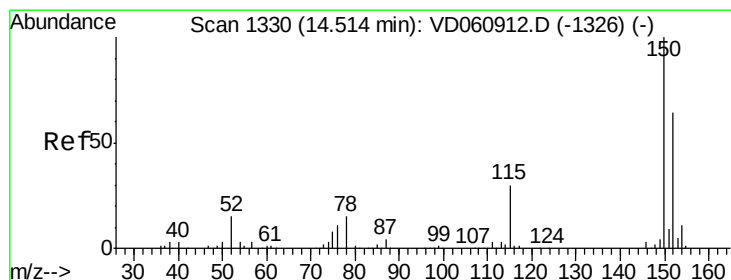
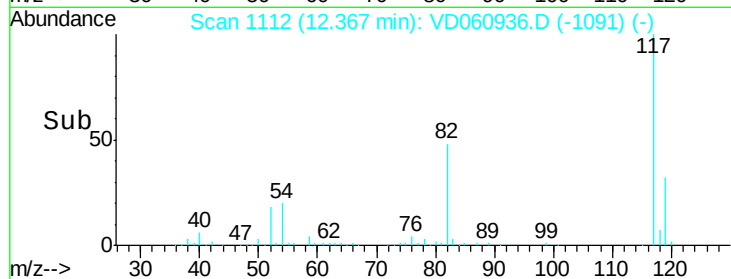
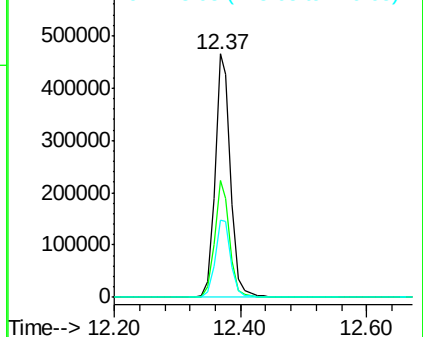
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: VD060936.D
 Acq: 4 Mar 2019 21:04

Instrument :
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 SB-B-5-8

Tot Ion:117 Resp: 802659
 Ion Ratio Lower Upper
 117 100
 82 48.0 37.5 56.3
 119 31.6 26.2 39.2

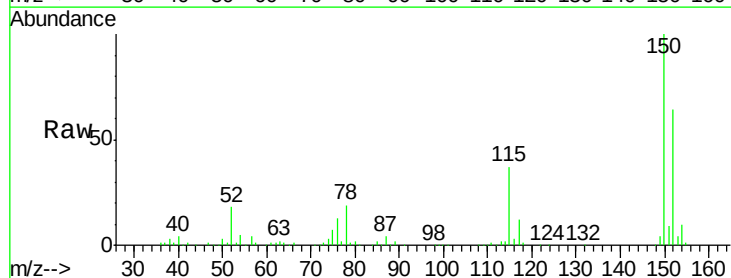


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD060936.D
 Acq: 4 Mar 2019 21:04

Tgt Ion:152 Resp: 351749
 Ion Ratio Lower Upper
 152 100
 115 58.3 27.6 82.8
 150 155.6 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

