

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061069.D
 Acq On : 14 Mar 2019 17:18
 Operator : VA/AP
 Sample : K1901-05
 Misc : 3.60µl/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4(0.5-1.5)

Quant Time: Mar 15 03:32:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

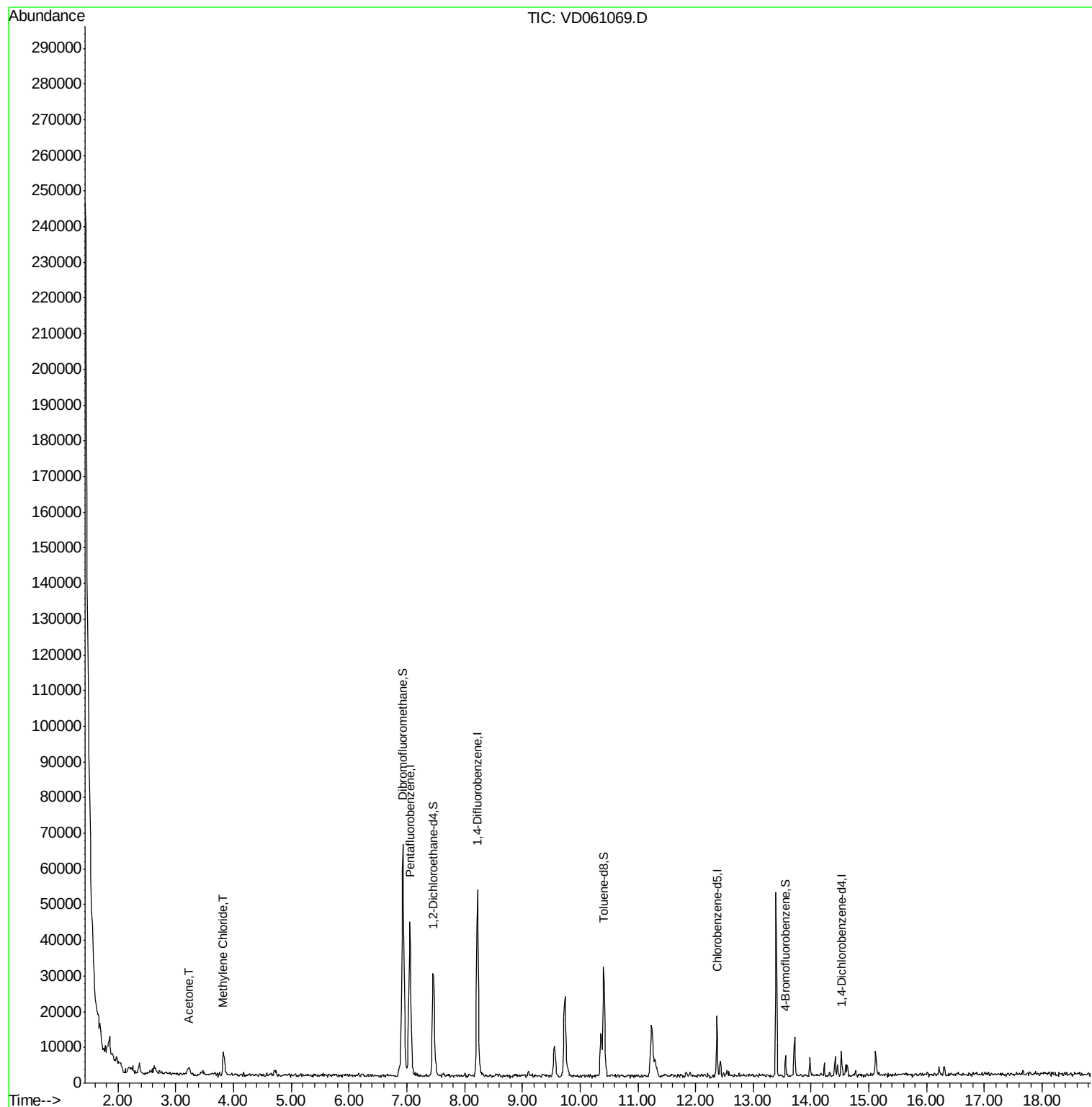
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	47518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	67253	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	11567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	2037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	29676	75.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	150.06%	
35) Dibromofluoromethane	6.93	113	62358	124.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	249.88%	
50) Toluene-d8	10.41	98	29278	23.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.72%	
62) 4-Bromofluorobenzene	13.56	95	2079	4.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	8.54%	
Target Compounds						
16) Acetone	3.22	43	5628	49.759	ug/l	90
20) Methylene Chloride	3.82	84	4850	5.228	ug/l #	85

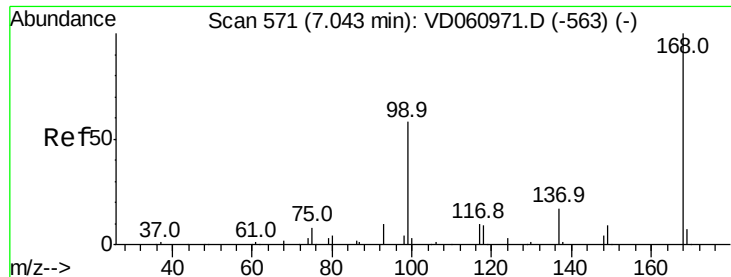
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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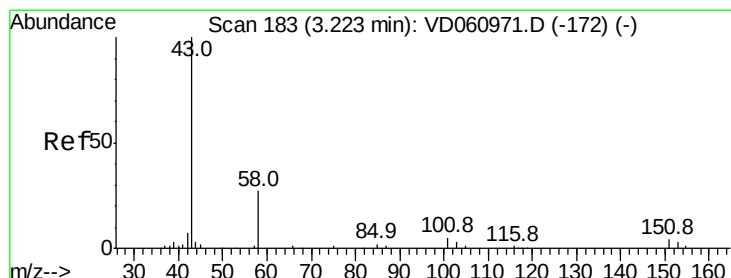
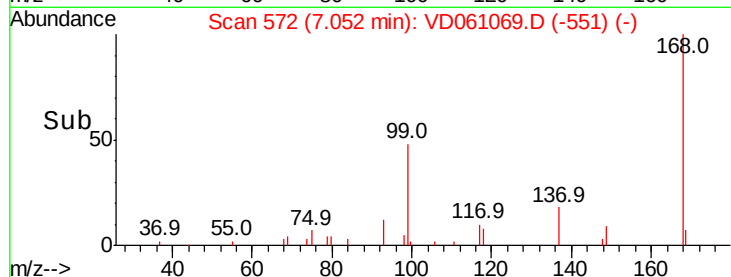
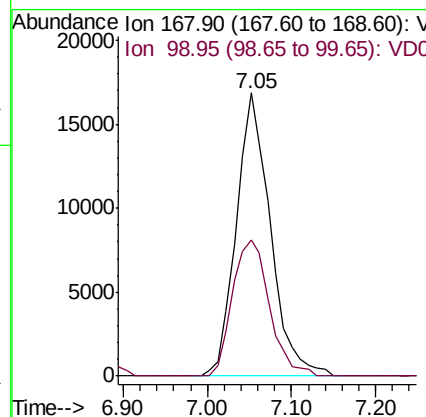
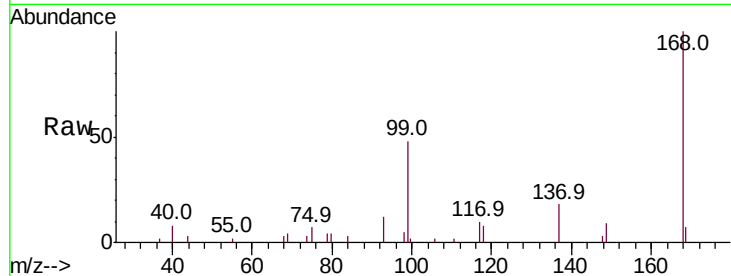




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.01 min
Lab File: VD061069.D
Acq: 14 Mar 2019 17:18

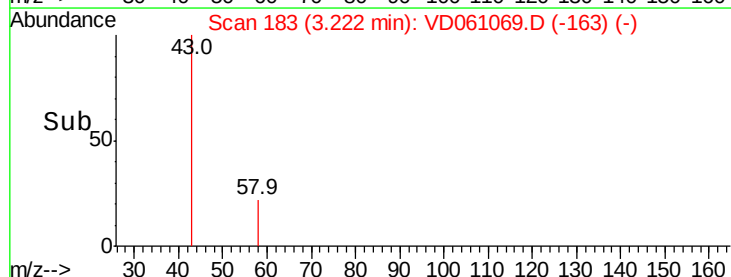
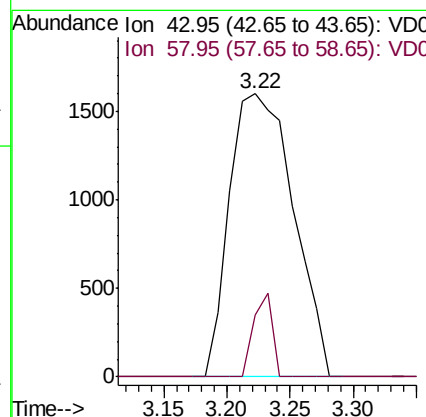
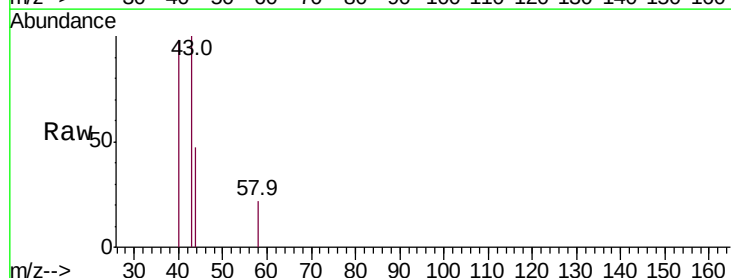
Instrument :
MSVOA_D
ClientSampleId :
SB-4(0.5-1.5)

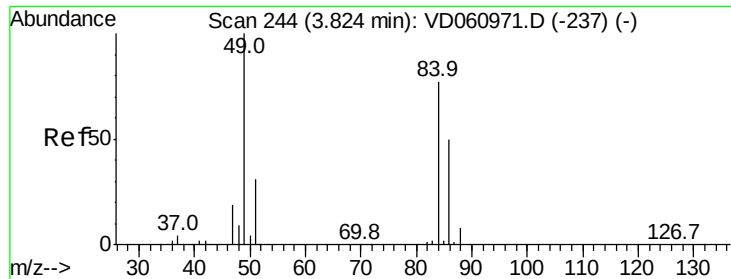
Tot Ion:168 Resp: 47518
Ion Ratio Lower Upper
168 100
99 47.9 47.3 70.9



#16
Acetone
Concen: 49.759 ug/l
RT: 3.22 min Scan# 183
Delta R.T. -0.00 min
Lab File: VD061069.D
Acq: 14 Mar 2019 17:18

Tgt Ion: 43 Resp: 5628
Ion Ratio Lower Upper
43 100
58 21.8 21.6 32.4

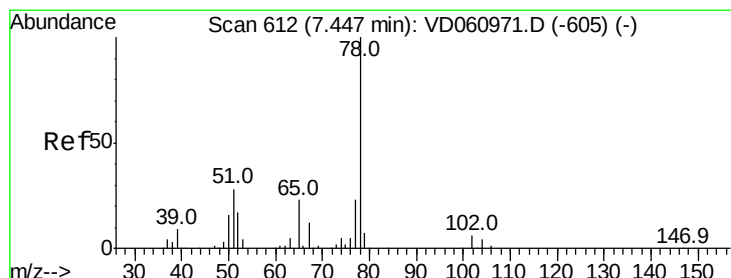
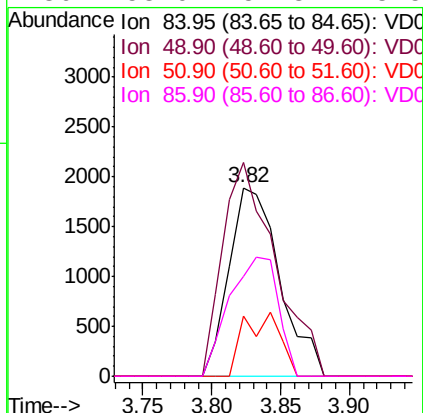
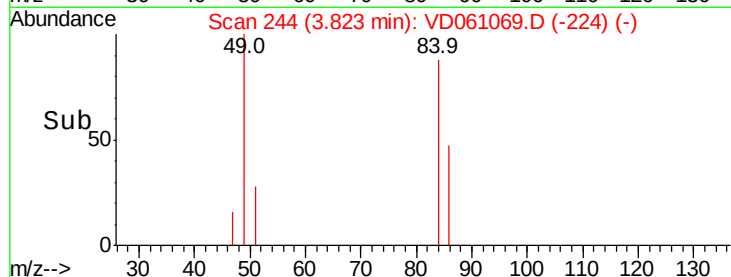
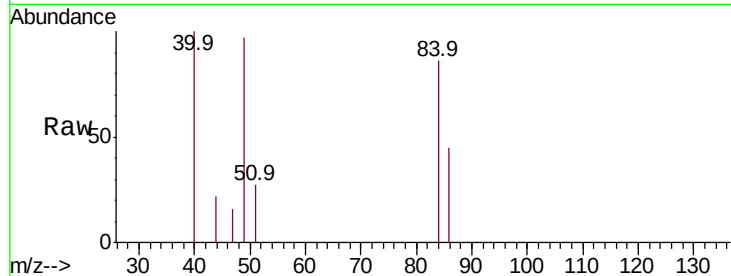




#20
Methylene Chloride
Concen: 5.228 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD061069.D
Acq: 14 Mar 2019 17:18

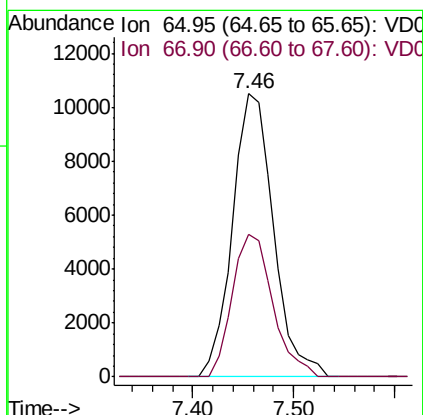
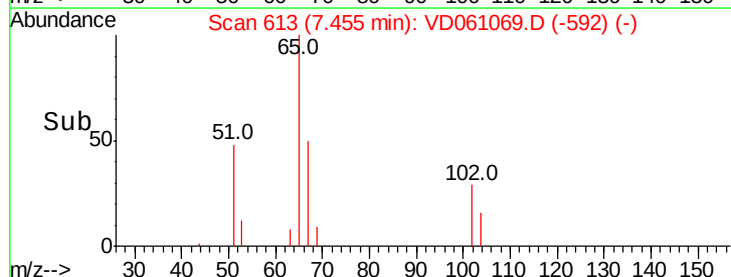
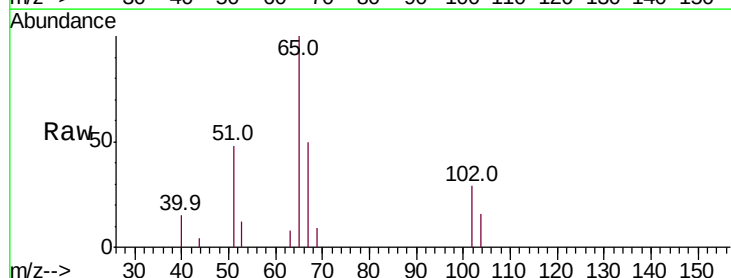
Instrument :
MSVOA_D
ClientSampleId :
SB-4(0.5-1.5)

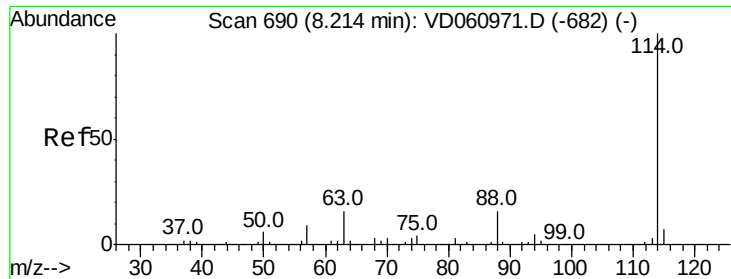
Tot Ion: 84 Resp: 4850
Ion Ratio Lower Upper
84 100
49 113.3 104.2 156.2
51 31.9 32.3 48.5#
86 53.0 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061069.D
Acq: 14 Mar 2019 17:18

Tgt Ion: 65 Resp: 29676
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.2

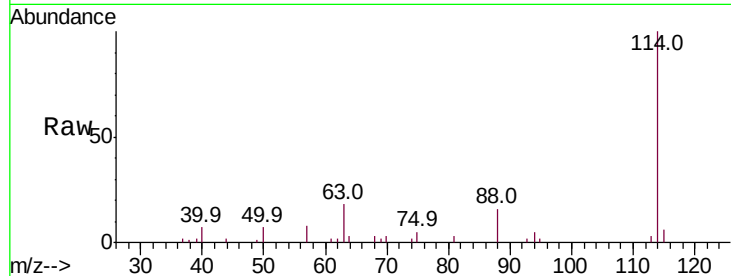




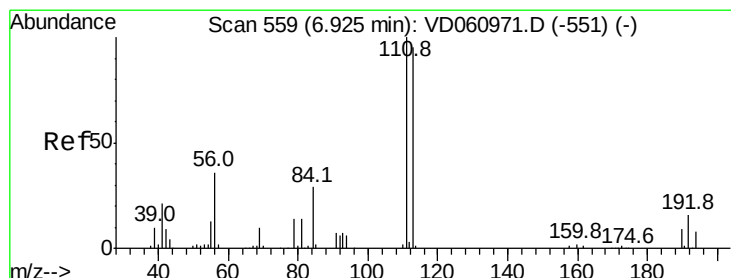
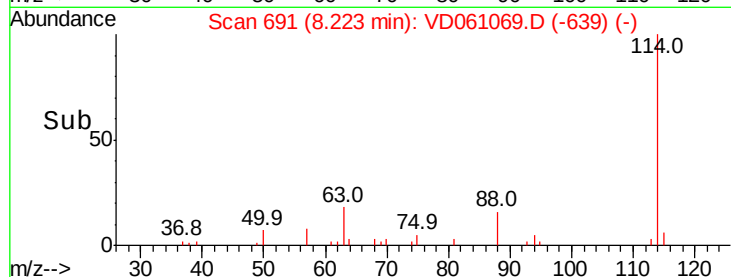
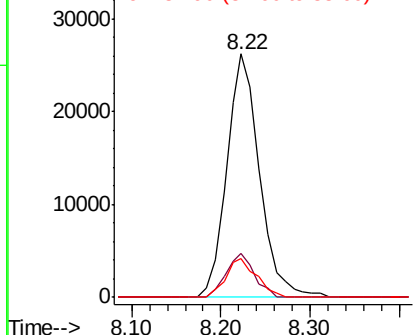
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061069.D
 Acq: 14 Mar 2019 17:18

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4(0.5-1.5)

Tot Ion:114 Resp: 67253
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 31.4
 88 16.2 0.0 33.0

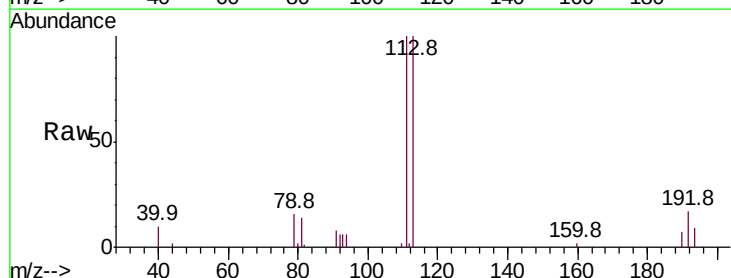


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

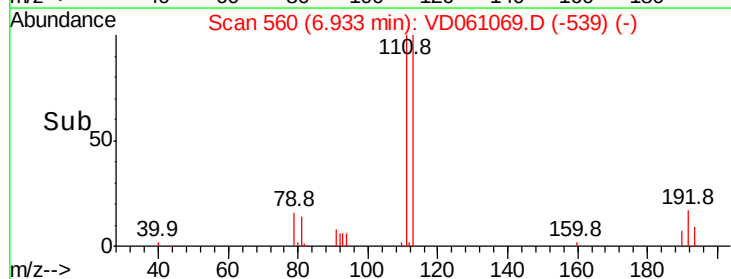
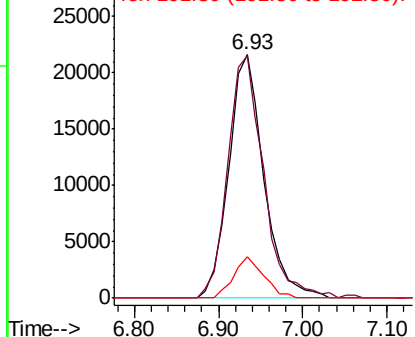


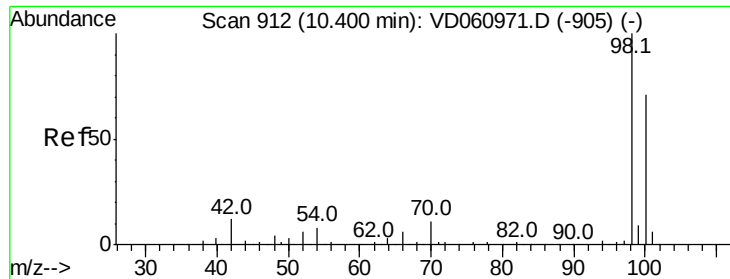
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061069.D
 Acq: 14 Mar 2019 17:18

Tgt Ion:113 Resp: 62358
 Ion Ratio Lower Upper
 113 100
 111 99.5 84.2 126.4
 192 16.9 13.1 19.7



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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061069.D

Acq: 14 Mar 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

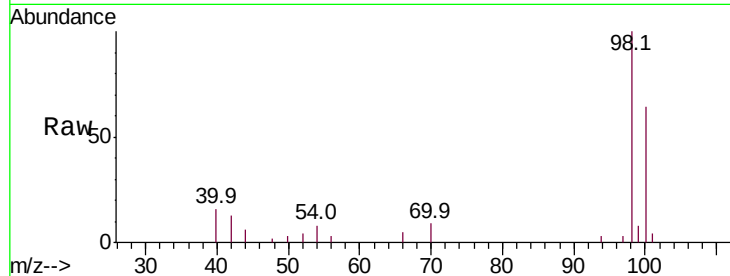
SB-4(0.5-1.5)

Tot Ion: 98 Resp: 29278

Ion Ratio Lower Upper

98 100

100 64.4 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.41

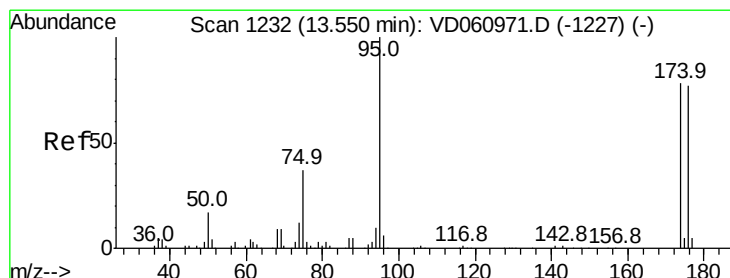
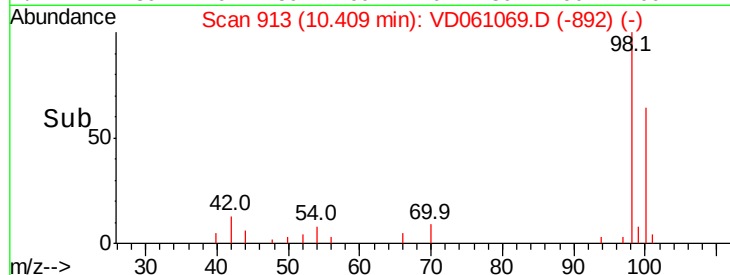
15000

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: VD061069.D

Acq: 14 Mar 2019 17:18

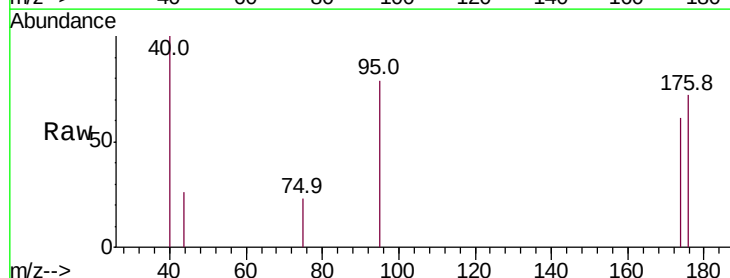
Tgt Ion: 95 Resp: 2079

Ion Ratio Lower Upper

95 100

174 76.8 0.0 155.6

176 90.0 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

13.56

2000

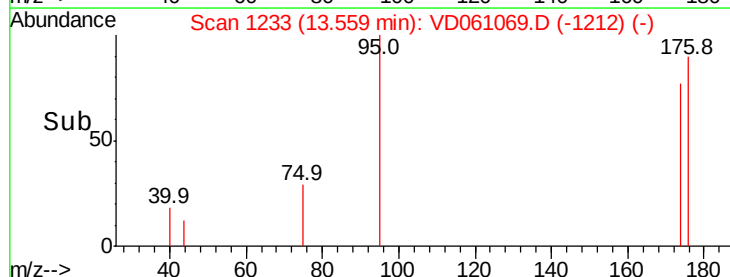
1500

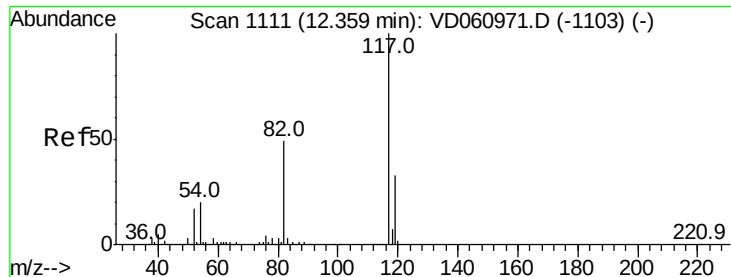
1000

500

0

Time-->

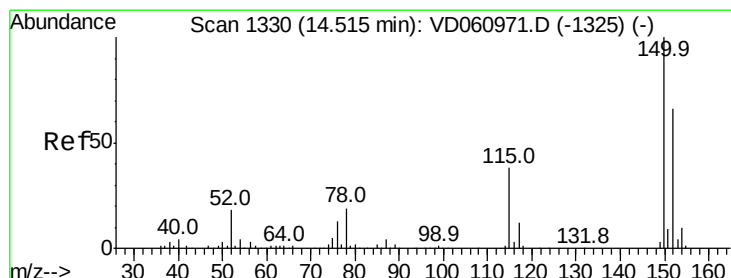
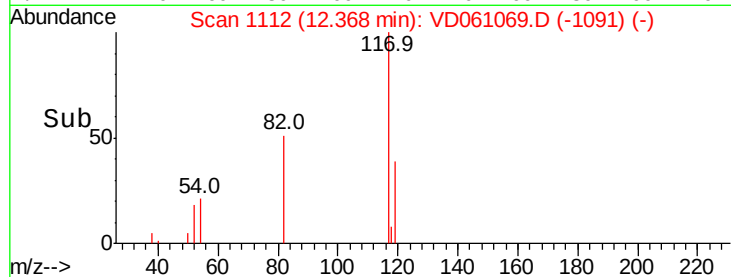
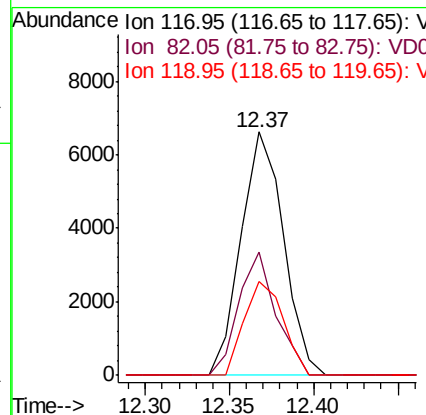
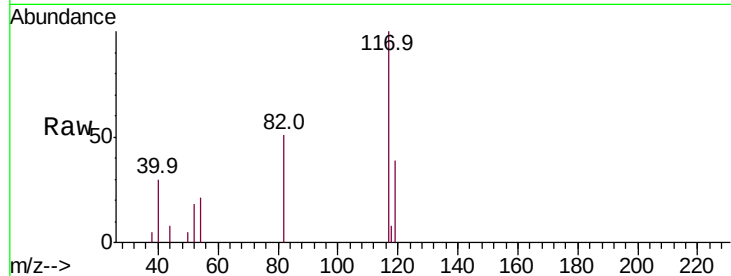




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061069.D
Acq: 14 Mar 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
SB-4(0.5-1.5)

Tot Ion:117 Resp: 11567
Ion Ratio Lower Upper
117 100
82 50.7 38.9 58.3
119 38.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061069.D
Acq: 14 Mar 2019 17:18

Tgt Ion:152 Resp: 2037
Ion Ratio Lower Upper
152 100
115 49.5 28.6 85.9
150 154.8 0.0 310.6

