

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061148.D
 Acq On : 18 Mar 2019 16:32
 Operator : VA/AP
 Sample : K1935-03
 Misc : 3.91µl/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(7-8)

Quant Time: Mar 19 04:13:59 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

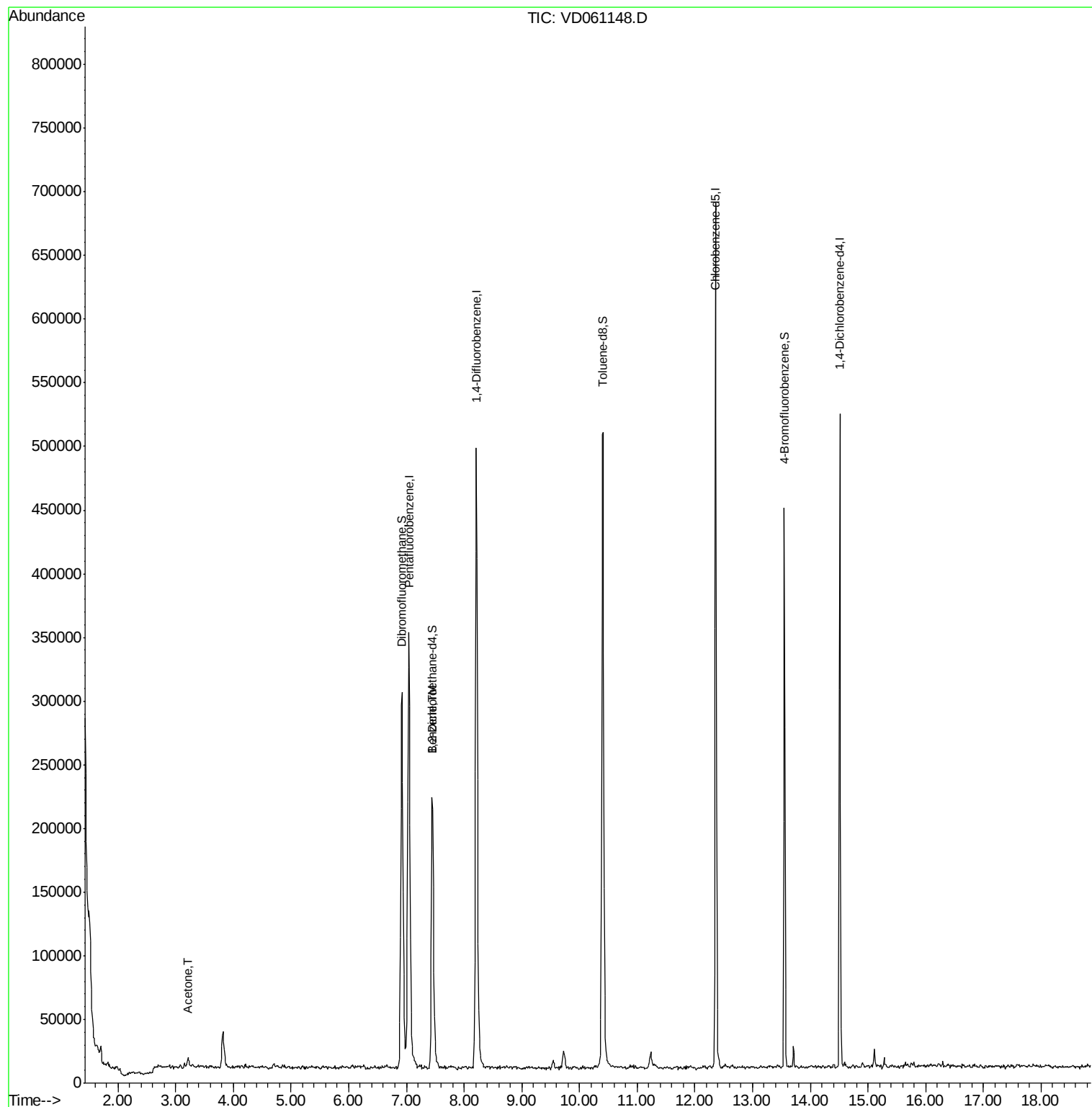
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	360770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	606531	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	424855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	112648	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	168755	56.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.40%	
35) Dibromofluoromethane	6.92	113	287101	63.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.56%	
50) Toluene-d8	10.41	98	493616	43.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.34%	
62) 4-Bromofluorobenzene	13.55	95	134947	30.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.54%	
Target Compounds						
16) Acetone	3.21	43	13400	15.604	ug/l #	89
40) Benzene	7.45	78	63283	4.844	ug/l	97

(#) = 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: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061148.D

Acq: 18 Mar 2019 16:32

Instrument :

MSVOA_D

ClientSampleId :

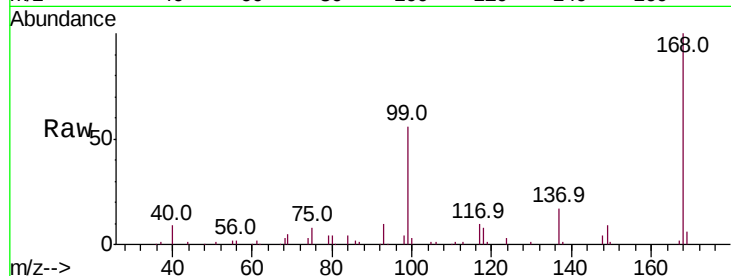
SB-5(7-8)

Tot Ion:168 Resp: 360770

Ion Ratio Lower Upper

168 100

99 55.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

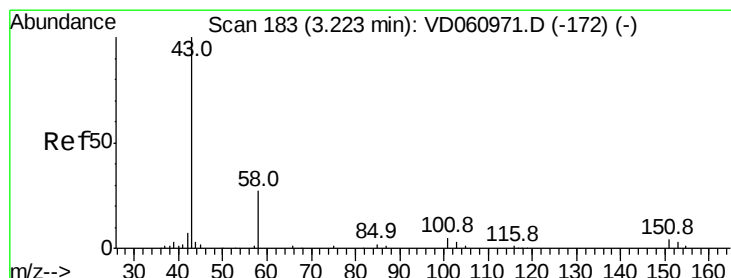
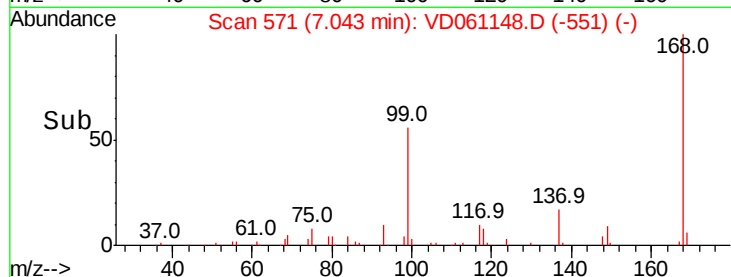
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 15.604 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061148.D

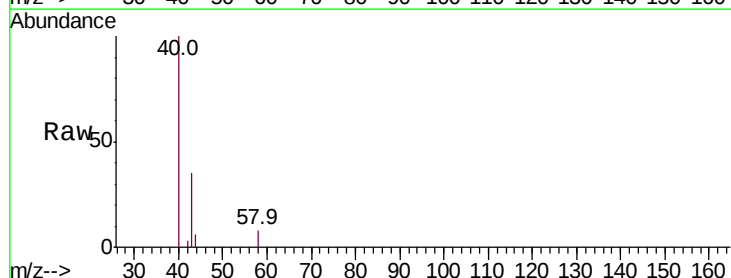
Acq: 18 Mar 2019 16:32

Tgt Ion: 43 Resp: 13400

Ion Ratio Lower Upper

43 100

58 21.5 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

5000

4000

3000

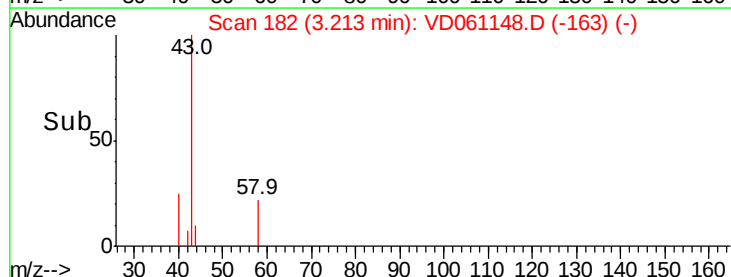
2000

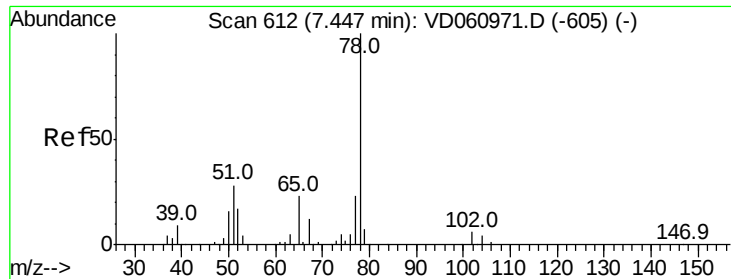
1000

0

Time-->

3.10 3.20 3.30

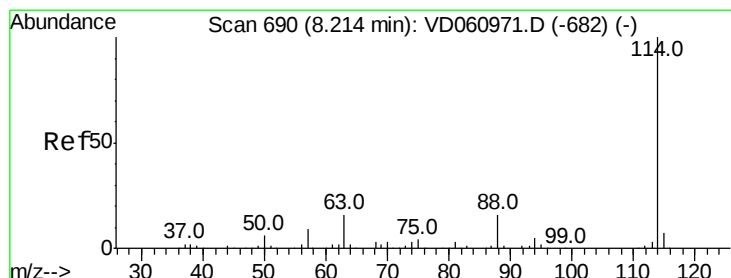
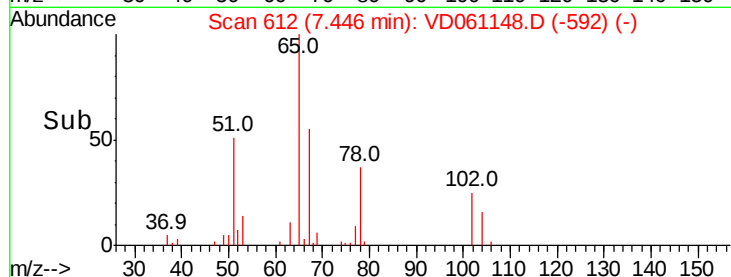
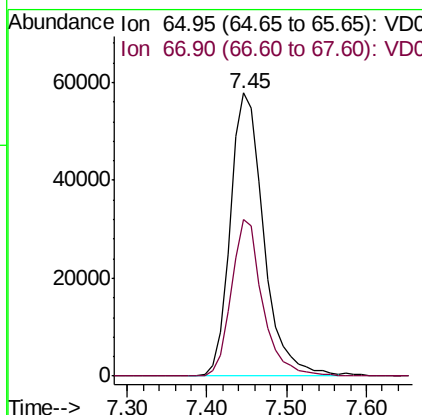
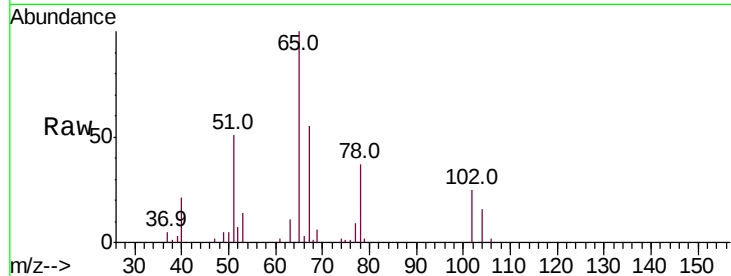




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VD061148.D
 Acq: 18 Mar 2019 16:32

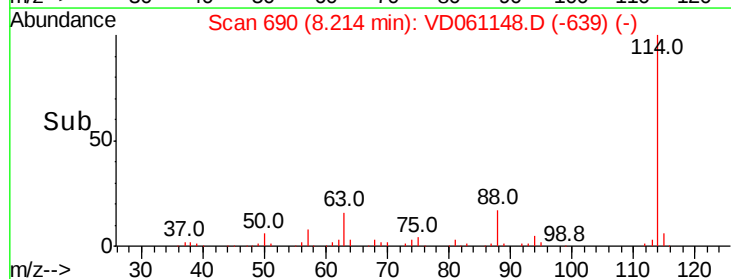
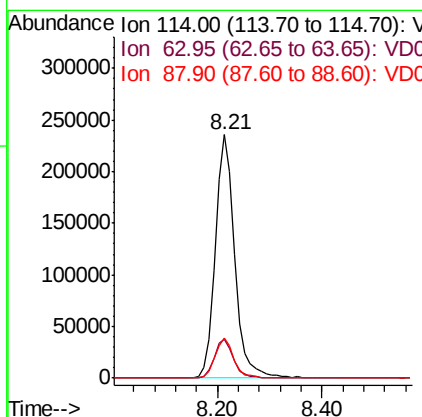
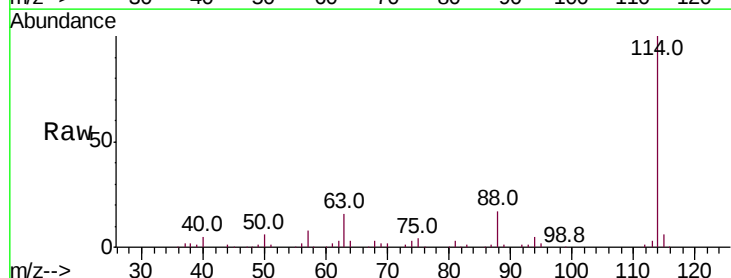
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(7-8)

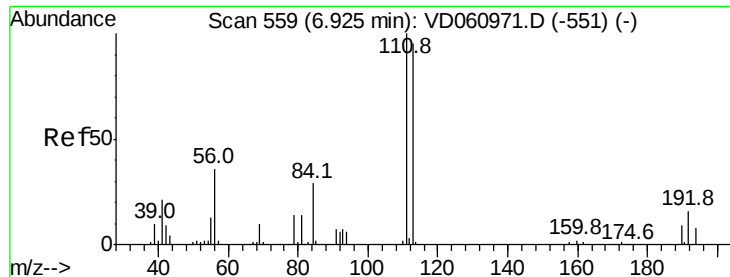
Tot Ion: 65 Resp: 168755
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061148.D
 Acq: 18 Mar 2019 16:32

Tgt Ion: 114 Resp: 606531
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.4
 88 16.6 0.0 33.0

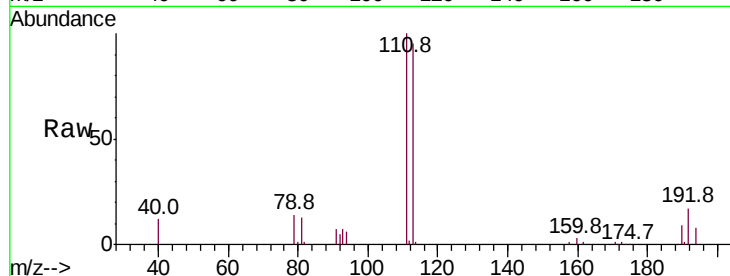




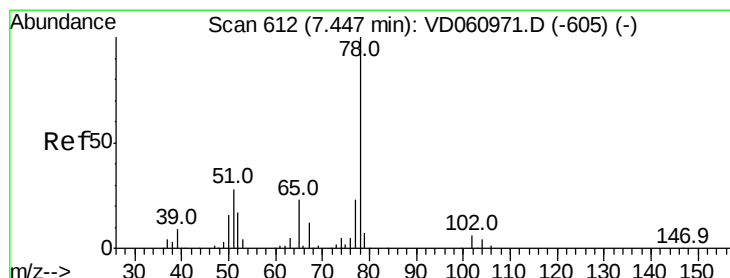
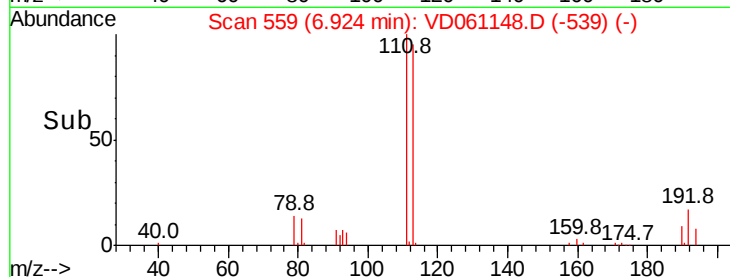
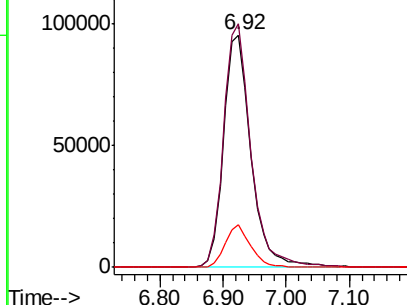
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD061148.D
 Acq: 18 Mar 2019 16:32

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(7-8)

Tot Ion:113 Resp: 287101
 Ion Ratio Lower Upper
 113 100
 111 104.8 84.2 126.4
 192 18.2 13.1 19.7

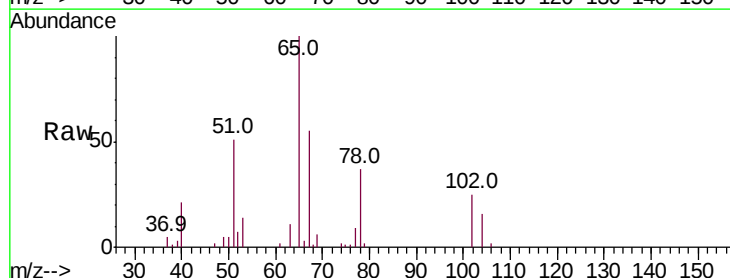


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

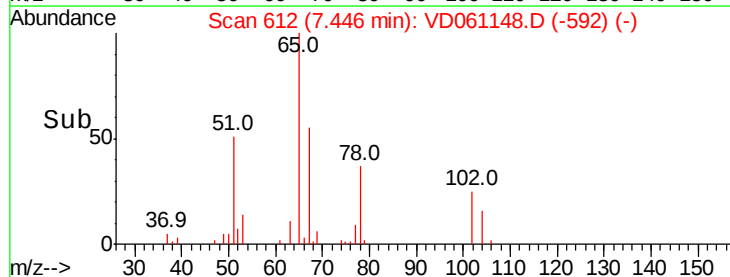
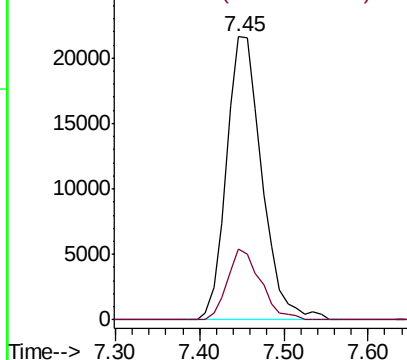


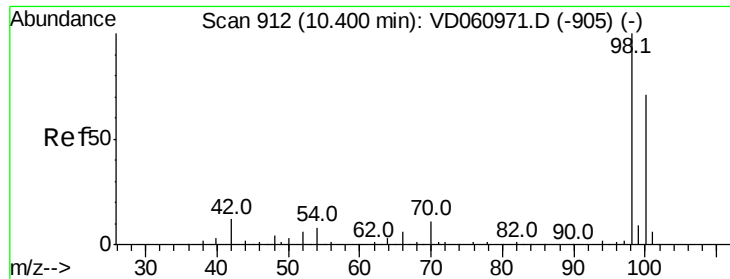
#40
 Benzene
 Concen: 4.844 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VD061148.D
 Acq: 18 Mar 2019 16:32

Tgt Ion: 78 Resp: 63283
 Ion Ratio Lower Upper
 78 100
 77 25.1 18.8 28.2



Abundance Ion 77.95 (77.65 to 78.65): VDC
 Ion 76.95 (76.65 to 77.65): VDC





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061148.D

Acq: 18 Mar 2019 16:32

Instrument :

MSVOA_D

ClientSampleId :

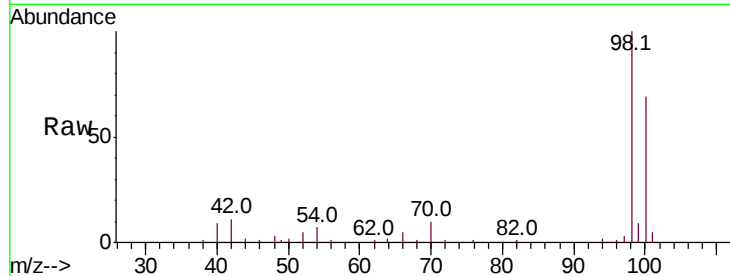
SB-5(7-8)

Tot Ion: 98 Resp: 493616

Ion Ratio Lower Upper

98 100

100 69.3 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

200000

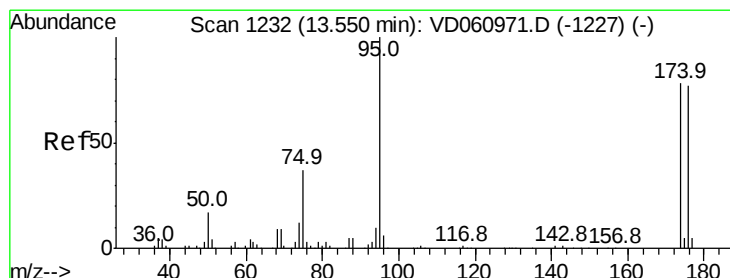
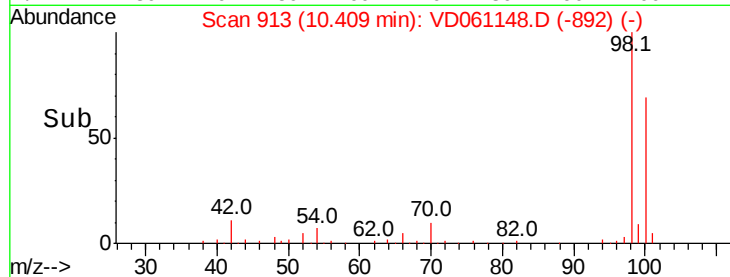
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061148.D

Acq: 18 Mar 2019 16:32

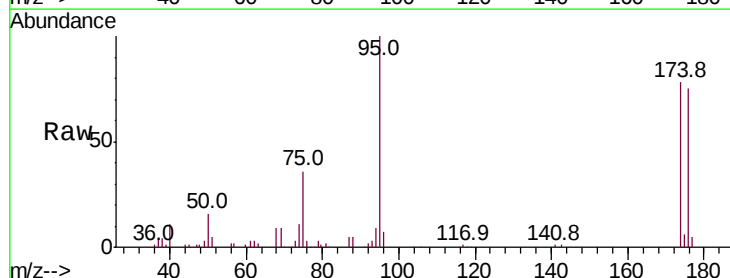
Tgt Ion: 95 Resp: 134947

Ion Ratio Lower Upper

95 100

174 77.5 0.0 155.6

176 75.1 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) (-)

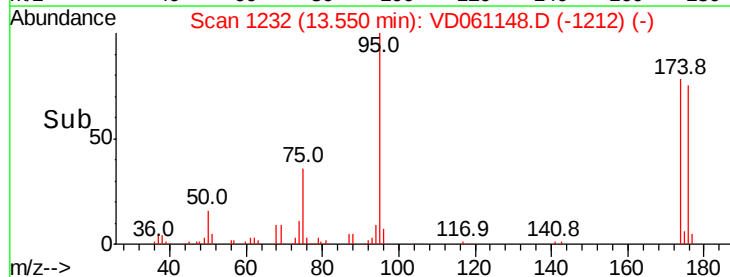
13.55

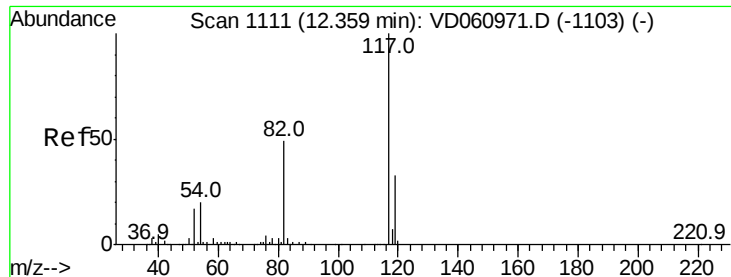
100000

50000

0

Time-->

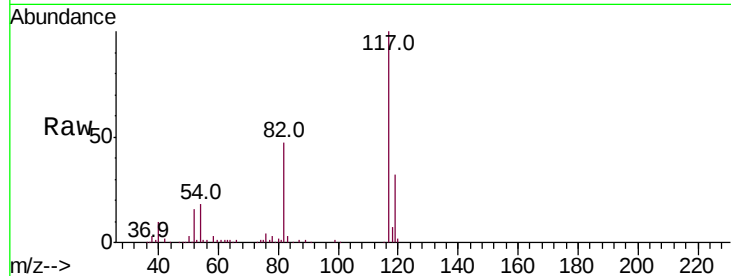




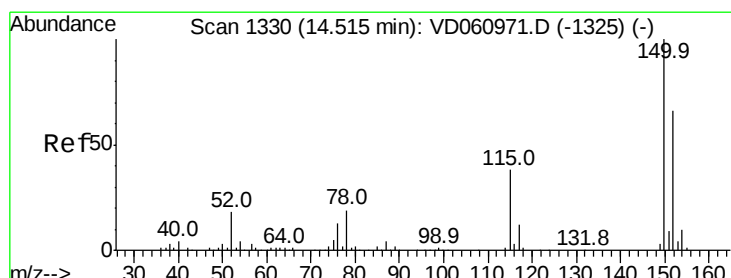
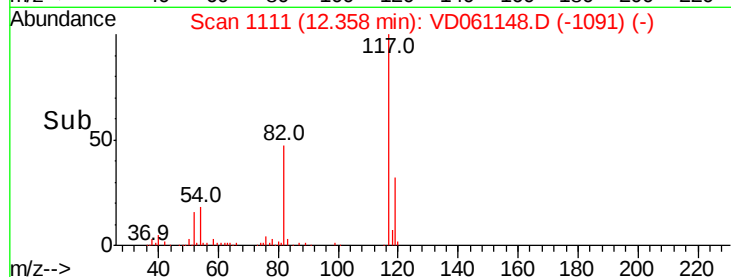
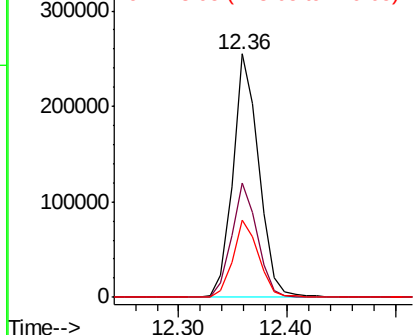
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061148.D
Acq: 18 Mar 2019 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB-5(7-8)

Tot Ion:117 Resp: 424855
Ion Ratio Lower Upper
117 100
82 47.1 38.9 58.3
119 31.8 26.6 39.8

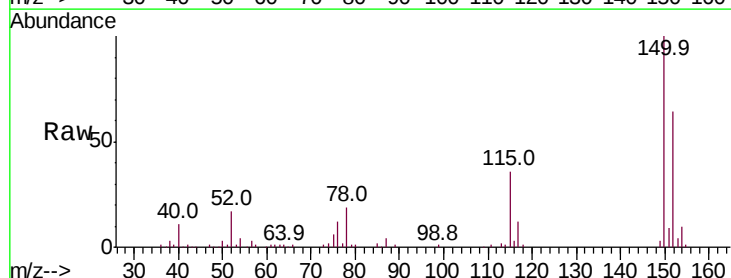


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061148.D
Acq: 18 Mar 2019 16:32

Tgt Ion:152 Resp: 112648
Ion Ratio Lower Upper
152 100
115 56.6 28.6 85.9
150 157.3 0.0 310.6



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

