

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
 Data File : VD061091.D
 Acq On : 15 Mar 2019 17:11
 Operator : VA/AP
 Sample : K1901-09RE
 Misc : 4.08g/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-16(0.5-1.5)RE

Quant Time: Mar 16 06:29:06 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

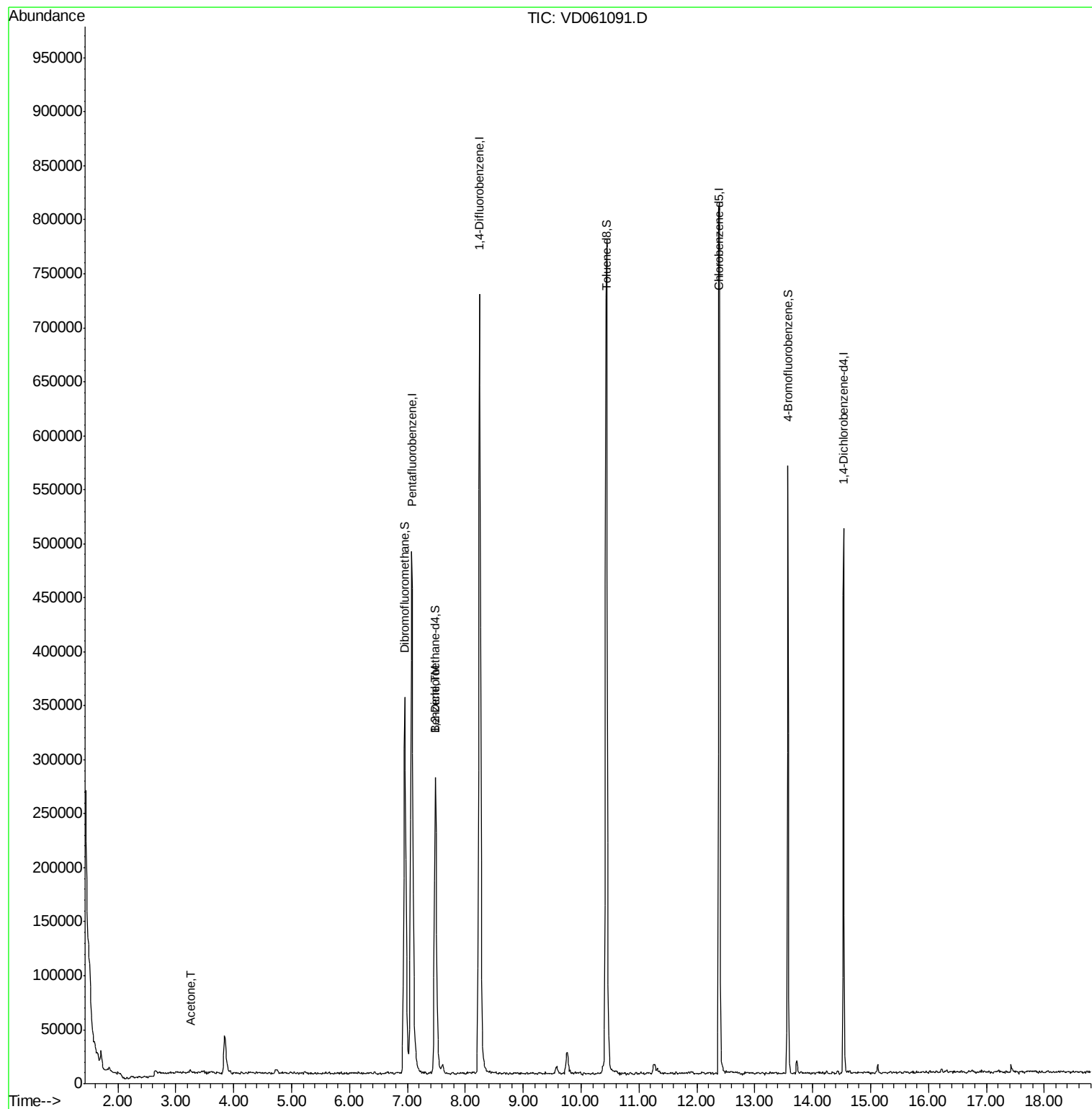
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	505540	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	893192	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	540993	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	125840	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	216564	51.46	ug/l	0.03
Spiked Amount 50.000			Recovery	=	102.92%	
35) Dibromofluoromethane	6.95	113	331095	49.95	ug/l	0.03
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	10.44	98	678431	40.76	ug/l	0.04
Spiked Amount 50.000			Recovery	=	81.52%	
62) 4-Bromofluorobenzene	13.57	95	173308	26.83	ug/l	0.02
Spiked Amount 50.000			Recovery	=	53.66%	
Target Compounds						
16) Acetone	3.24	43	6367	5.291	ug/l #	88
40) Benzene	7.49	78	84834	4.410	ug/l	99

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061091.D

Acq: 15 Mar 2019 17:11

Instrument :

MSVOA_D

ClientSampleId :

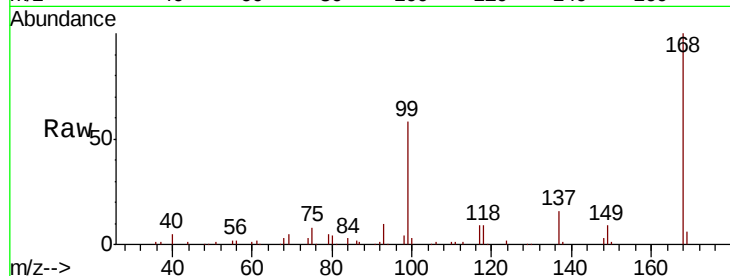
SB-16(0.5-1.5)RE

Tgt Ion:168 Resp: 505540

Ion Ratio Lower Upper

168 100

99 57.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

150000

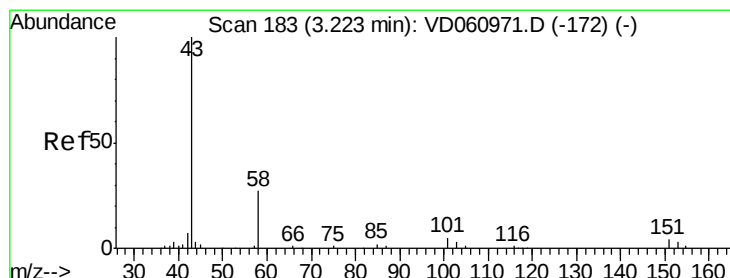
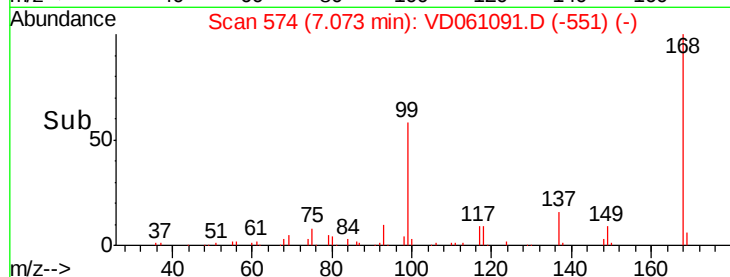
100000

50000

0

Time-->

7.00 7.10 7.20



#16

Acetone

Concen: 5.291 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.02 min

Lab File: VD061091.D

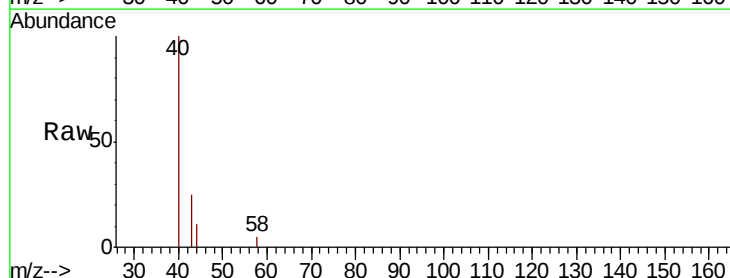
Acq: 15 Mar 2019 17:11

Tgt Ion: 43 Resp: 6367

Ion Ratio Lower Upper

43 100

58 20.6 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

2500

2000

1500

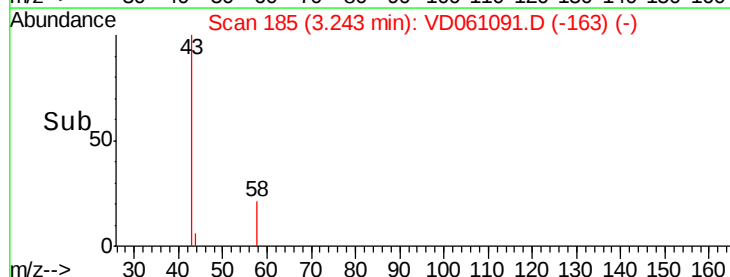
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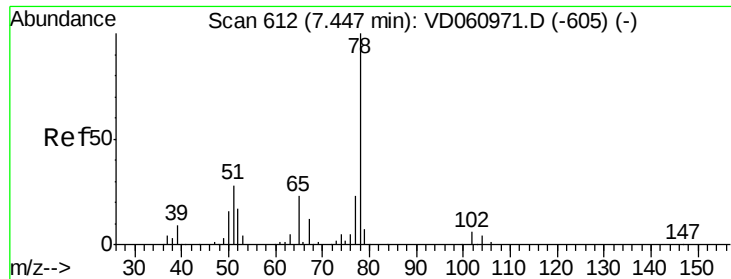
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0

Time-->

3.15 3.20 3.25 3.30 3.35

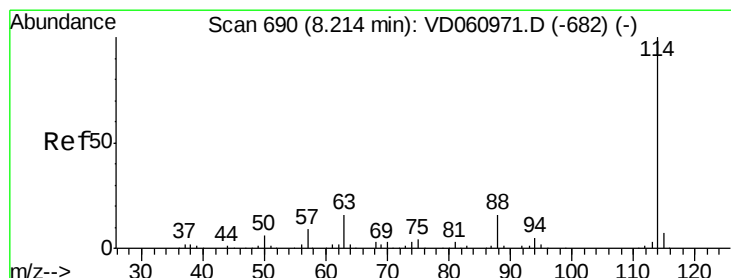
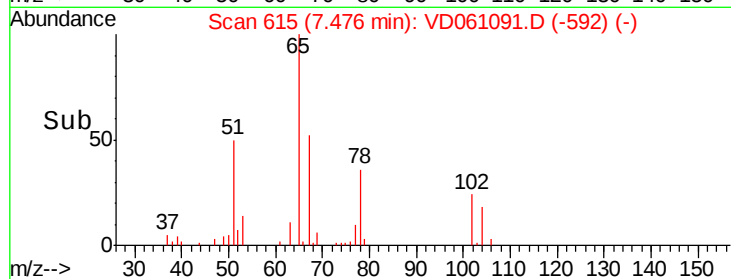
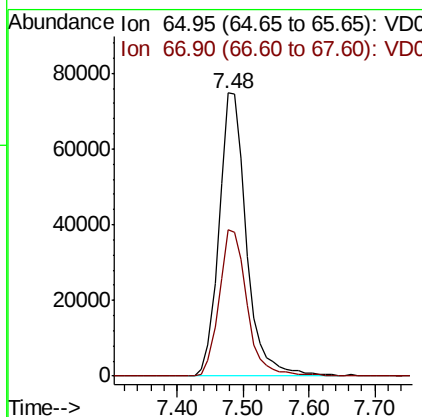
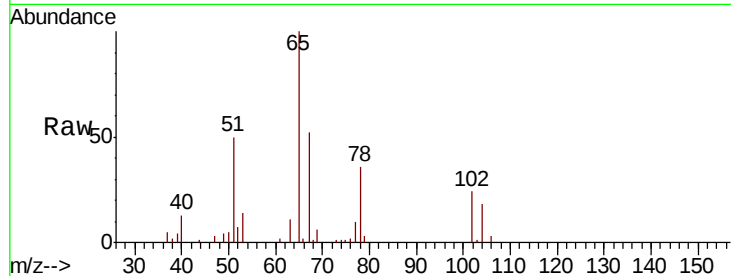




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.03 min
 Lab File: VD061091.D
 Acq: 15 Mar 2019 17:11

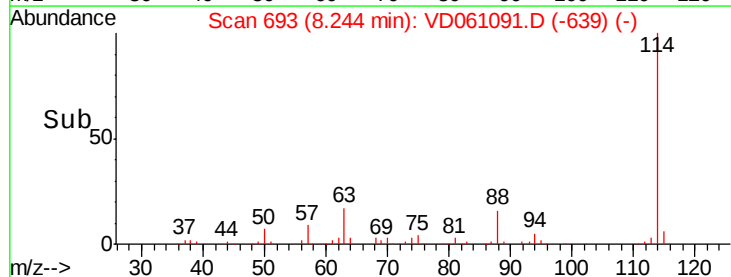
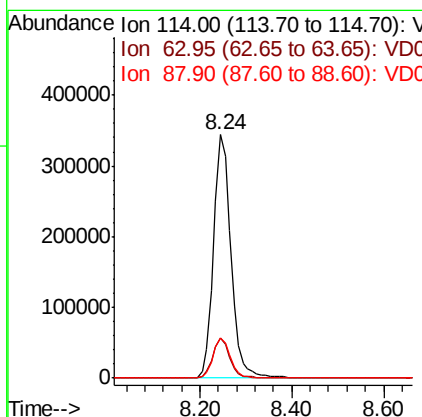
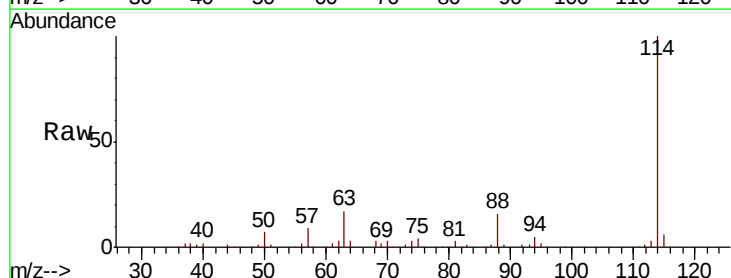
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-16(0.5-1.5)RE

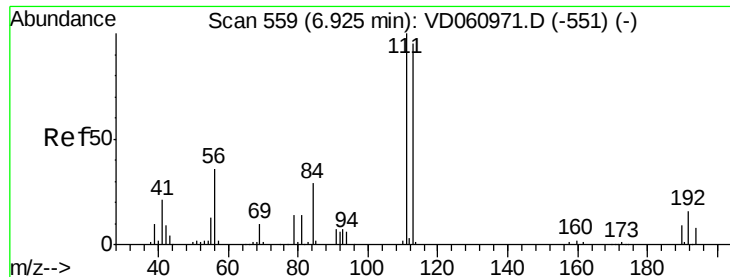
Tgt Ion: 65 Resp: 216564
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061091.D
 Acq: 15 Mar 2019 17:11

Tgt Ion: 114 Resp: 893192
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 31.4
 88 16.4 0.0 33.0

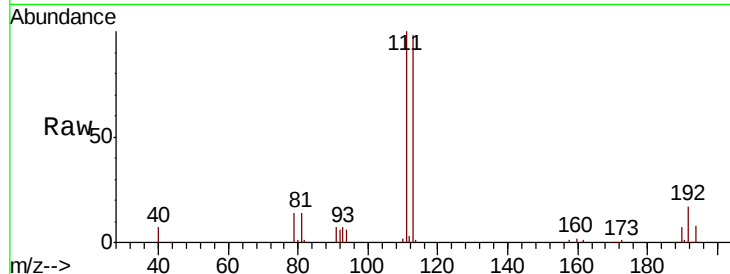




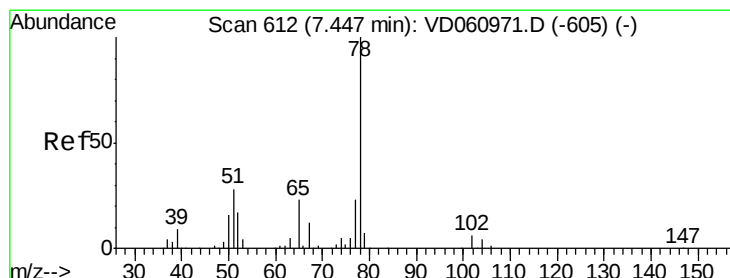
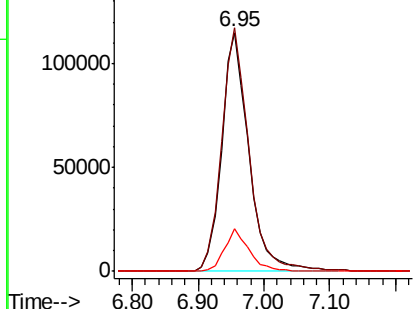
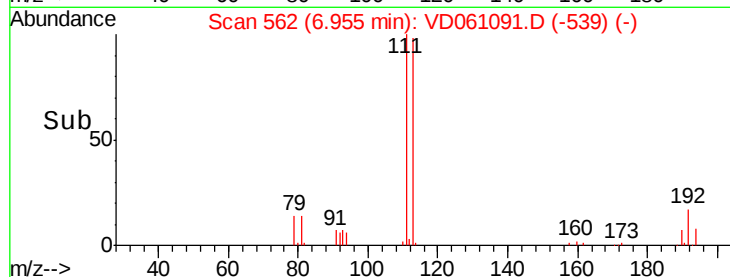
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 562
 Delta R.T. 0.03 min
 Lab File: VD061091.D
 Acq: 15 Mar 2019 17:11

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-16(0.5-1.5)RE

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	84.2	126.4
192	17.7	13.1	19.7

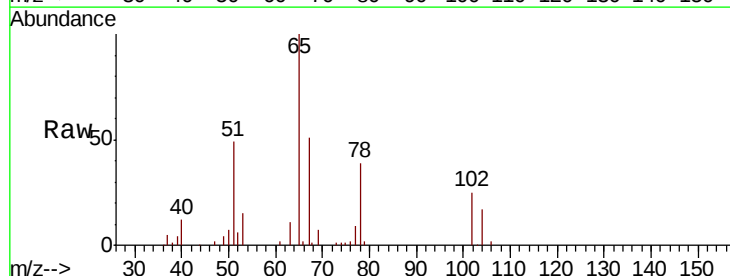


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

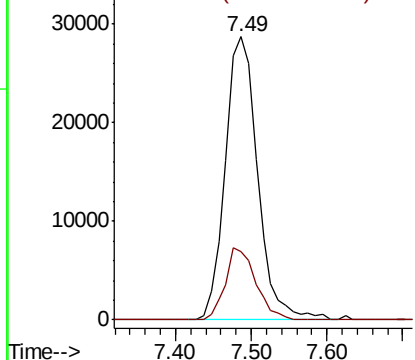
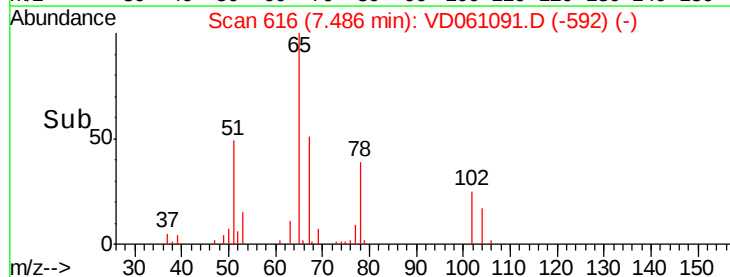


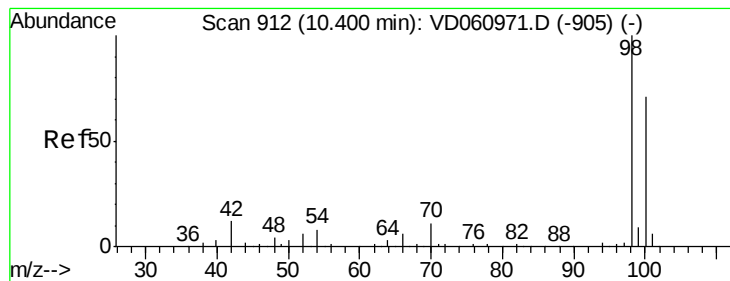
#40
 Benzene
 Concen: 4.410 ug/l
 RT: 7.49 min Scan# 616
 Delta R.T. 0.04 min
 Lab File: VD061091.D
 Acq: 15 Mar 2019 17:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	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: 10.44 min Scan# 916

Delta R.T. 0.04 min

Lab File: VD061091.D

Acq: 15 Mar 2019 17:11

Instrument :

MSVOA_D

ClientSampleId :

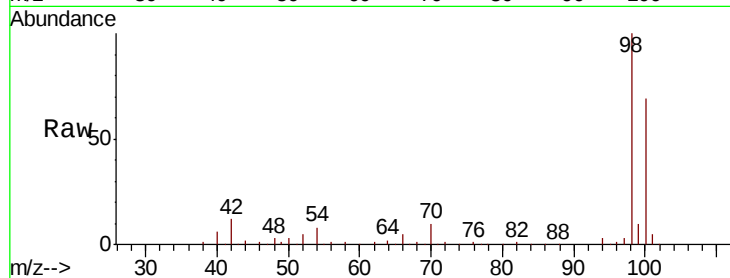
SB-16(0.5-1.5)RE

Tgt Ion: 98 Resp: 678431

Ion Ratio Lower Upper

98 100

100 69.4 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) (-)

10.44

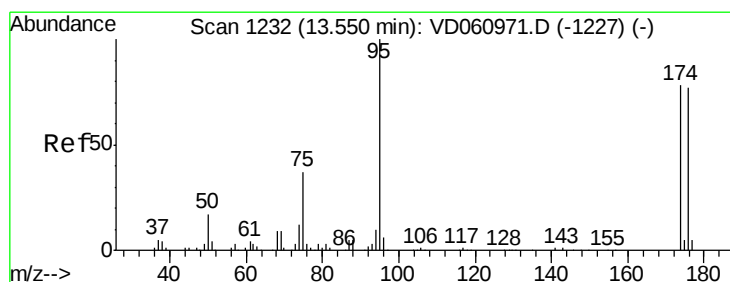
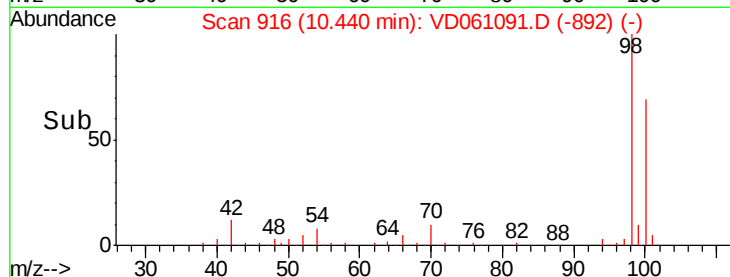
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061091.D

Acq: 15 Mar 2019 17:11

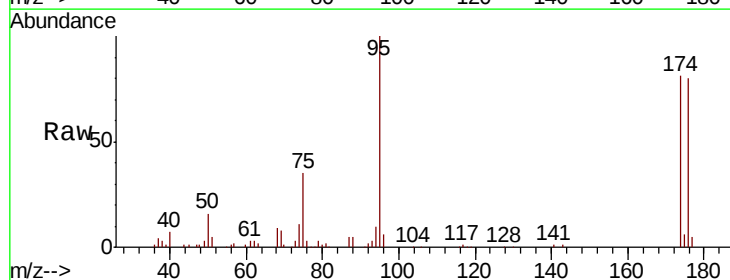
Tgt Ion: 95 Resp: 173308

Ion Ratio Lower Upper

95 100

174 81.0 0.0 155.6

176 79.5 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) (-)

13.57

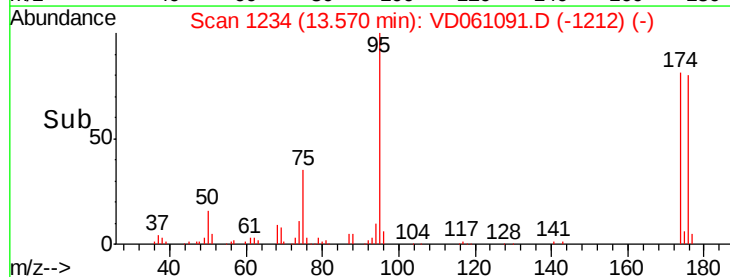
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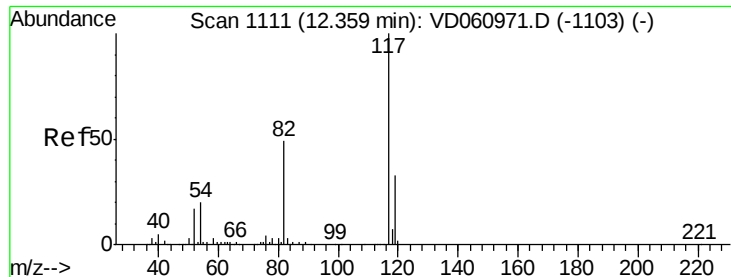
100000

50000

0

Time-->

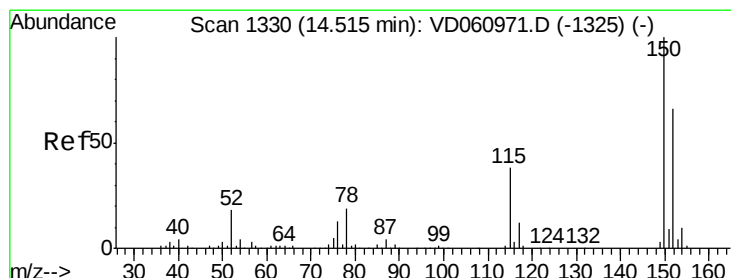
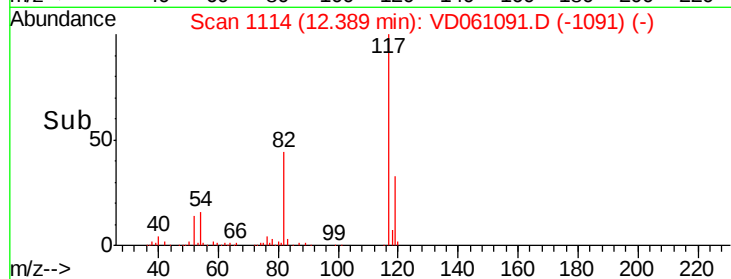
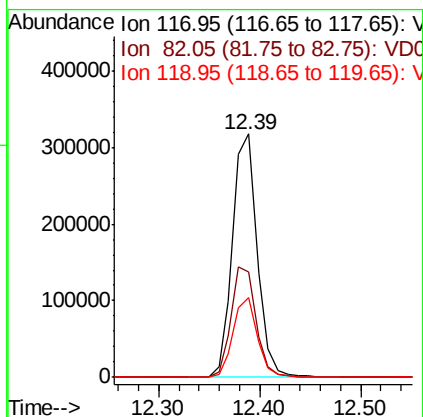
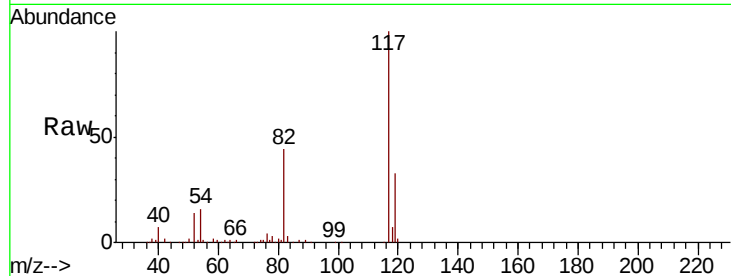




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VD061091.D
Acq: 15 Mar 2019 17:11

Instrument :
MSVOA_D
ClientSampleId :
SB-16(0.5-1.5)RE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	43.5	38.9	58.3
119	32.9	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD061091.D
Acq: 15 Mar 2019 17:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.1	28.6	85.9
150	157.3	0.0	310.6

