

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
 Data File : VD061097.D
 Acq On : 15 Mar 2019 20:06
 Operator : VA/AP
 Sample : K1698-01
 Misc : 6.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-031419

Quant Time: Mar 16 06:44:16 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

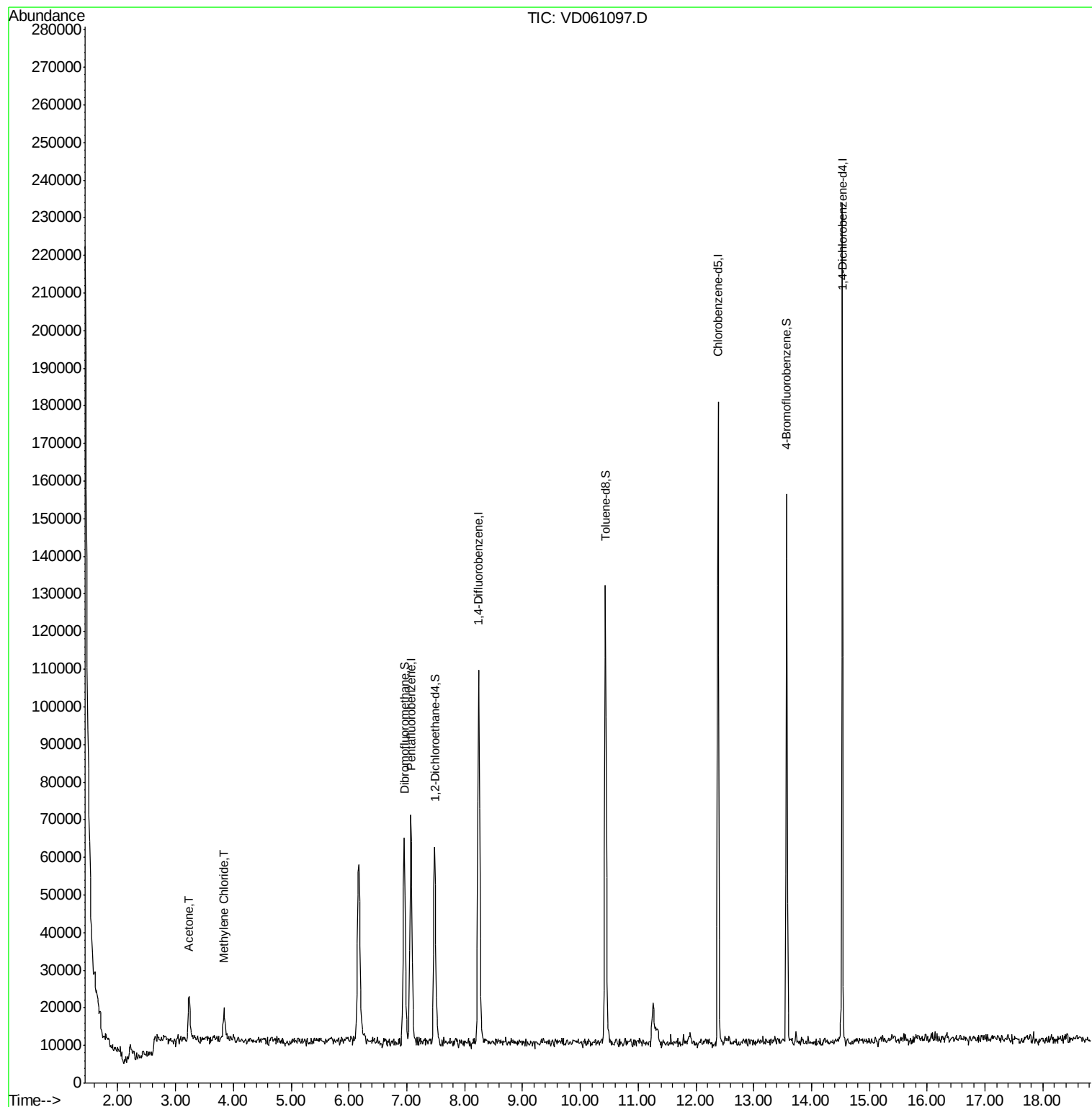
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	64463	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	122907	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	105661	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	49563	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	47212	87.99	ug/l	0.03
Spiked Amount 50.000			Recovery	=	175.98%	
35) Dibromofluoromethane	6.96	113	53704	58.88	ug/l	0.03
Spiked Amount 50.000			Recovery	=	117.76%	
50) Toluene-d8	10.43	98	108900	47.54	ug/l	0.03
Spiked Amount 50.000			Recovery	=	95.08%	
62) 4-Bromofluorobenzene	13.57	95	51414	57.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	115.70%	
Target Compounds						
16) Acetone	3.24	43	23598	153.793	ug/l	99
20) Methylene Chloride	3.85	84	5827	4.042	ug/l #	74

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061097.D

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MSVOA_D

ClientSampleId :

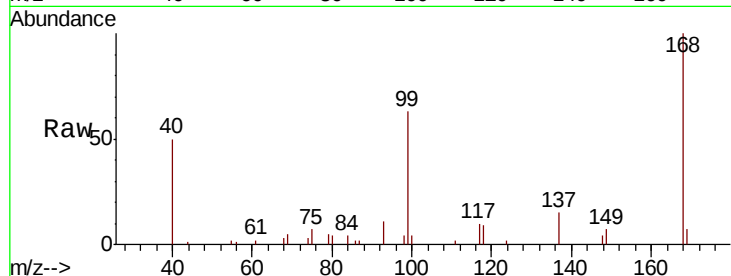
TR-04-031419

Tgt Ion:168 Resp: 64463

Ion Ratio Lower Upper

168 100

99 62.8 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

25000

20000

15000

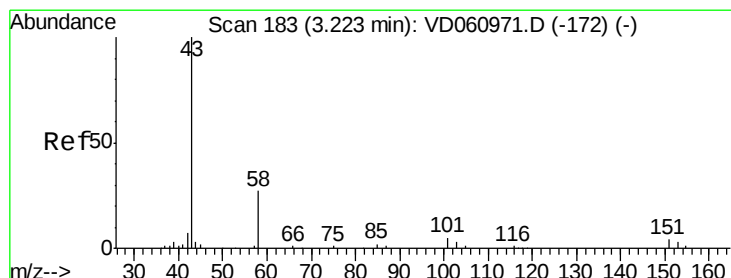
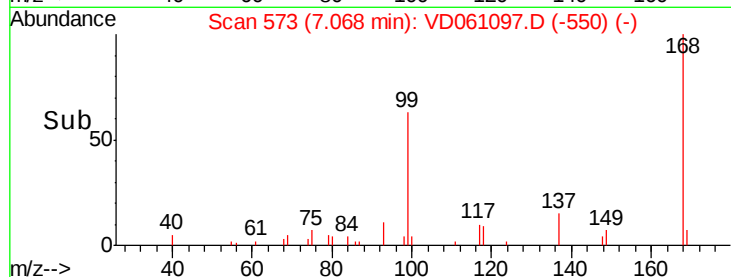
10000

5000

0

Time-->

7.00 7.10 7.20



#16

Acetone

Concen: 153.793 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD061097.D

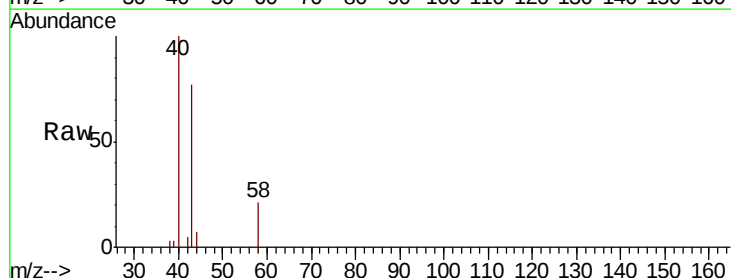
Acq: 15 Mar 2019 20:06

Tgt Ion: 43 Resp: 23598

Ion Ratio Lower Upper

43 100

58 27.3 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

8000

6000

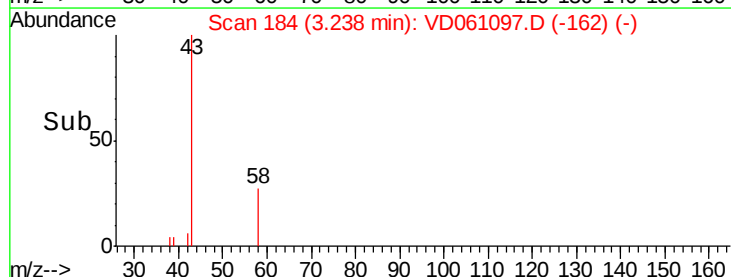
4000

2000

0

Time-->

3.10 3.20 3.30 3.40

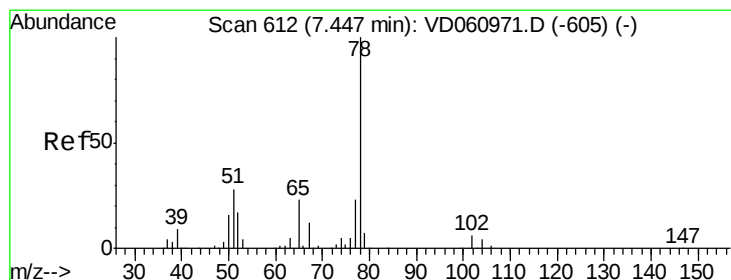
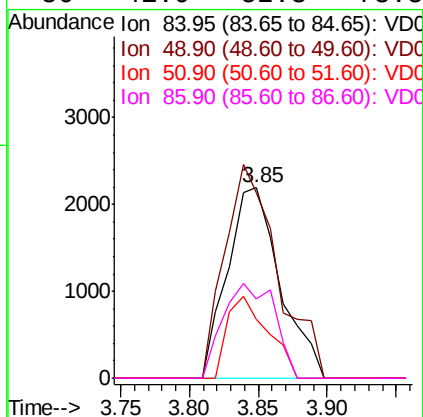
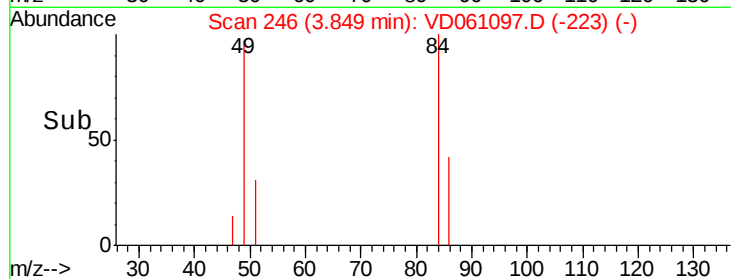
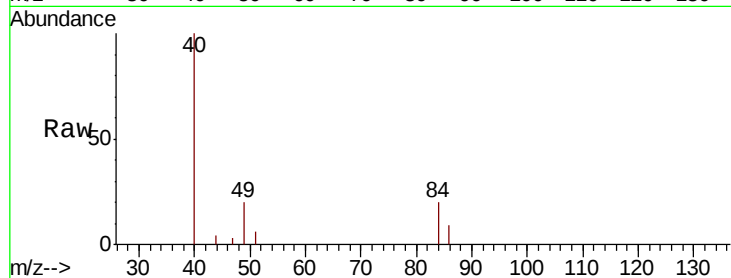




#20
Methylene Chloride
Concen: 4.042 ug/l
RT: 3.85 min Scan# 246
Delta R.T. 0.03 min
Lab File: VD061097.D
Acq: 15 Mar 2019 20:06

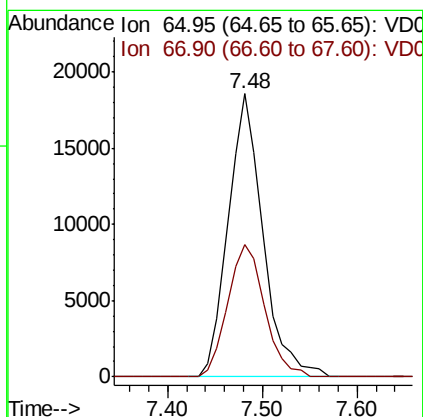
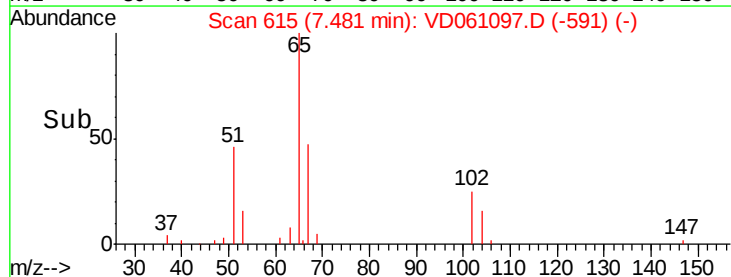
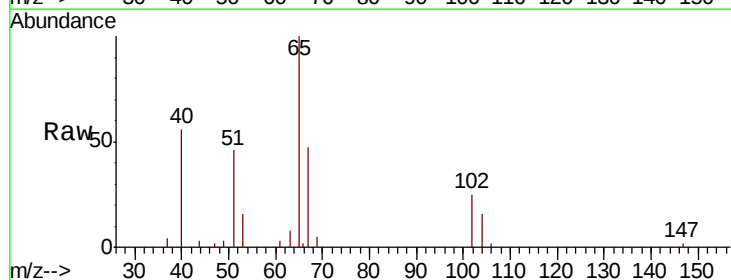
Instrument :
MSVOA_D
ClientSampleId :
TR-04-031419

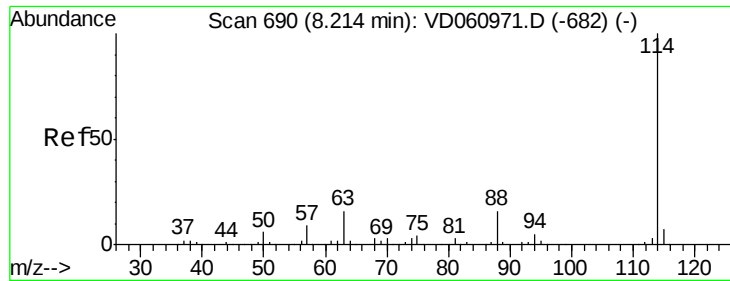
Tgt Ion: 84 Resp: 5827
Ion Ratio Lower Upper
84 100
49 97.3 104.2 156.2#
51 30.6 32.3 48.5#
86 41.9 52.3 78.5#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD061097.D
Acq: 15 Mar 2019 20:06

Tgt Ion: 65 Resp: 47212
Ion Ratio Lower Upper
65 100
67 46.5 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.02 min

Lab File: VD061097.D

Acq: 15 Mar 2019 20:06

Instrument :

MSVOA_D

ClientSampleId :

TR-04-031419

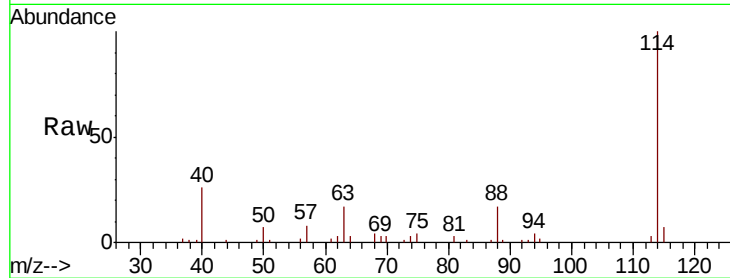
Tgt Ion:114 Resp: 122907

Ion Ratio Lower Upper

114 100

63 16.8 0.0 31.4

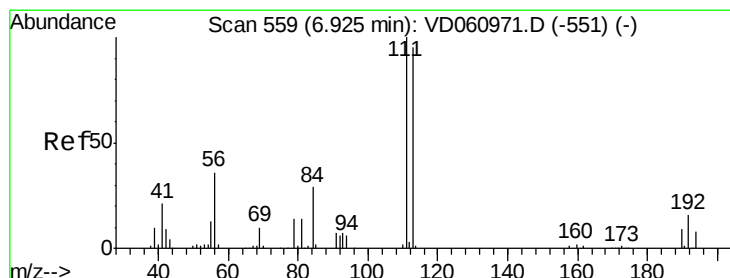
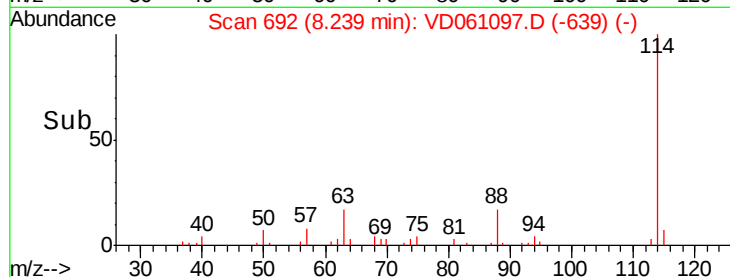
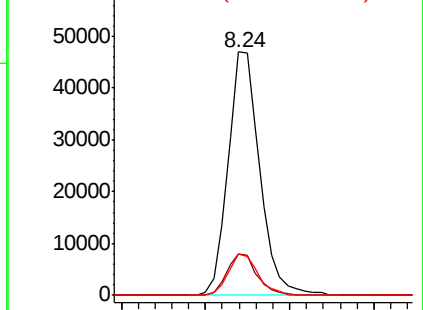
88 17.2 0.0 33.0



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: 6.96 min Scan# 562

Delta R.T. 0.03 min

Lab File: VD061097.D

Acq: 15 Mar 2019 20:06

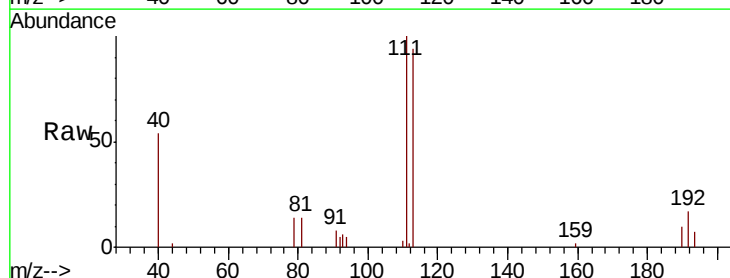
Tgt Ion:113 Resp: 53704

Ion Ratio Lower Upper

113 100

111 106.1 84.2 126.4

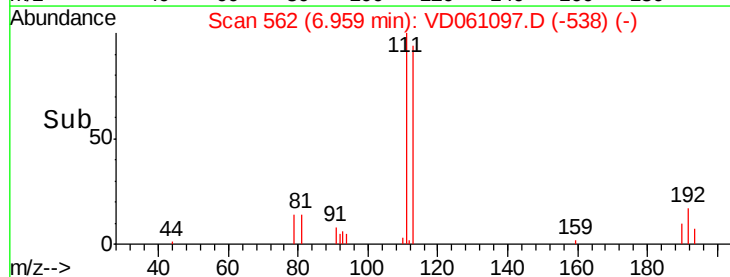
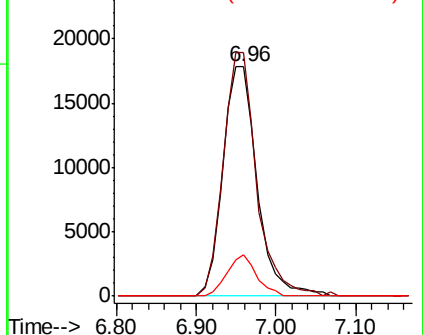
192 18.0 13.1 19.7

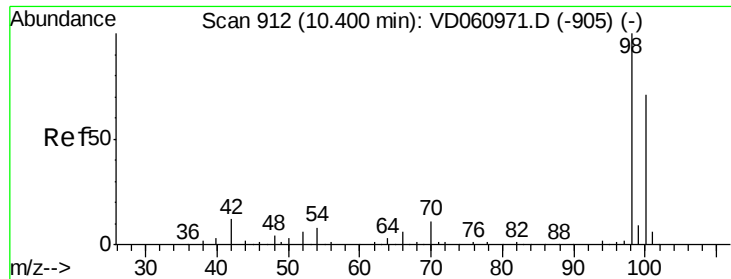


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

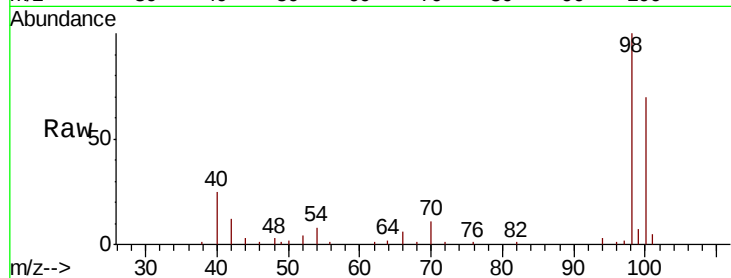




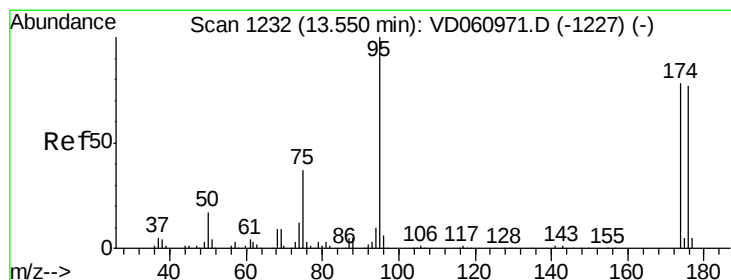
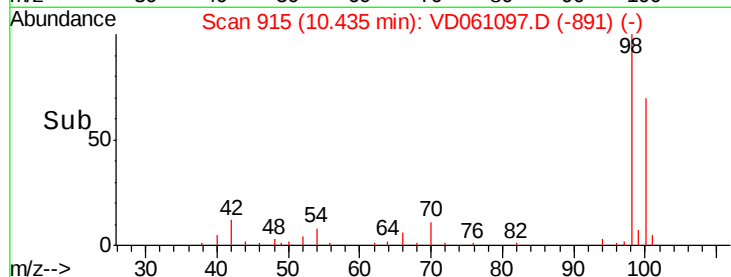
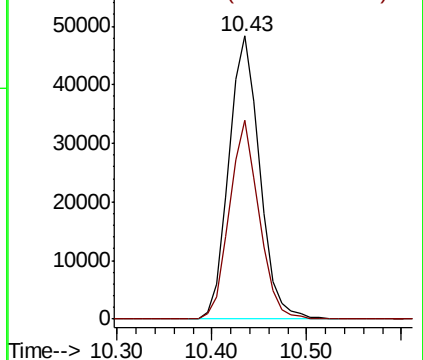
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD061097.D
Acq: 15 Mar 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
TR-04-031419

Tgt Ion: 98 Resp: 108900
Ion Ratio Lower Upper
98 100
100 70.5 57.4 86.2

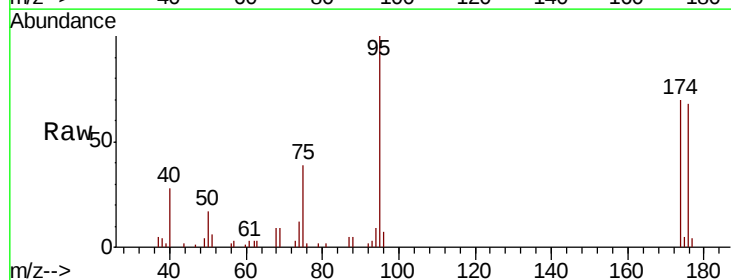


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

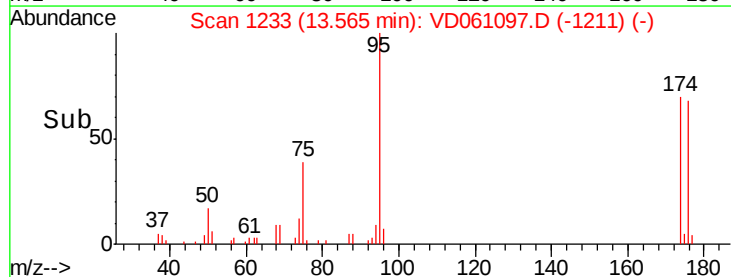
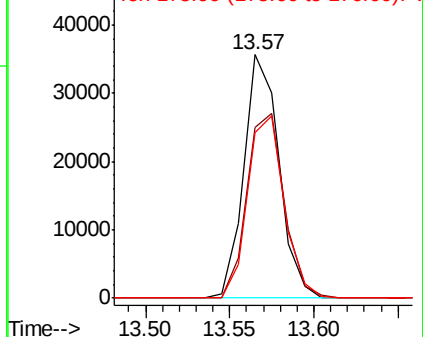


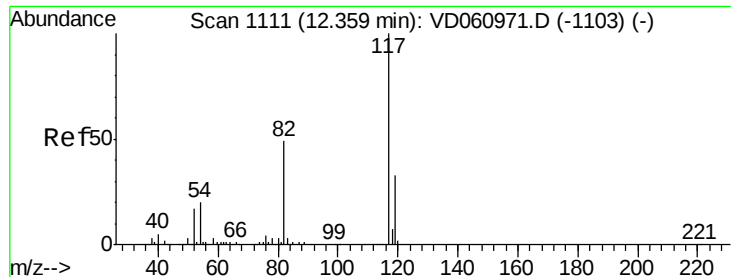
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.57 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061097.D
Acq: 15 Mar 2019 20:06

Tgt Ion: 95 Resp: 51414
Ion Ratio Lower Upper
95 100
174 70.3 0.0 155.6
176 67.8 0.0 153.8



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

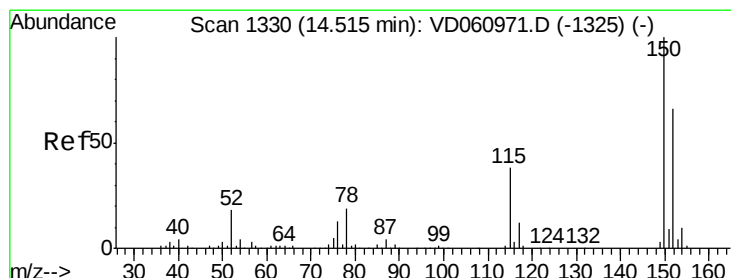
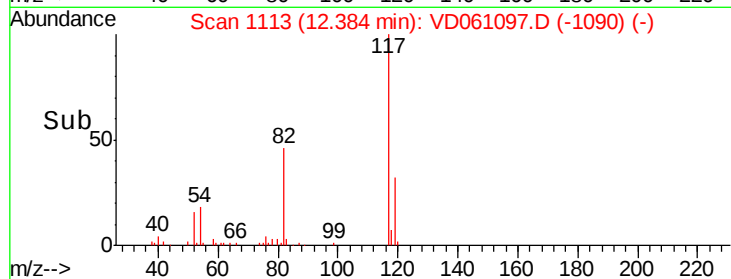
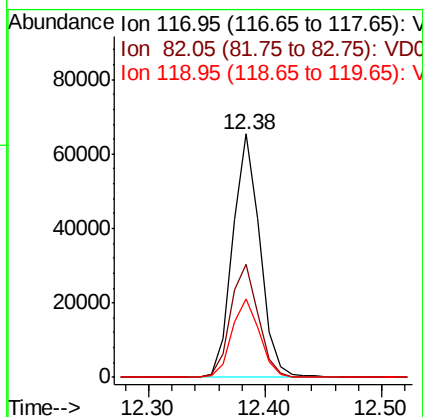
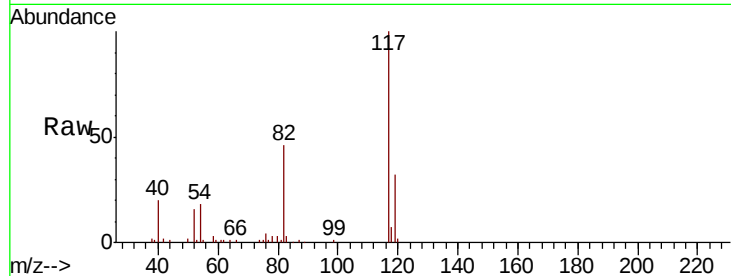




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061097.D
Acq: 15 Mar 2019 20:06

Instrument :
MSVOA_D
ClientSampleId :
TR-04-031419

Tgt Ion:117 Resp: 105661
Ion Ratio Lower Upper
117 100
82 46.3 38.9 58.3
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD061097.D
Acq: 15 Mar 2019 20:06

Tgt Ion:152 Resp: 49563
Ion Ratio Lower Upper
152 100
115 58.2 28.6 85.9
150 162.1 0.0 310.6

