

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032119\
 Data File : VD061241.D
 Acq On : 21 Mar 2019 13:36
 Operator : VA/AP
 Sample : K2002-05
 Misc : 4.93g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1(10)

Quant Time: Mar 22 04:44:35 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

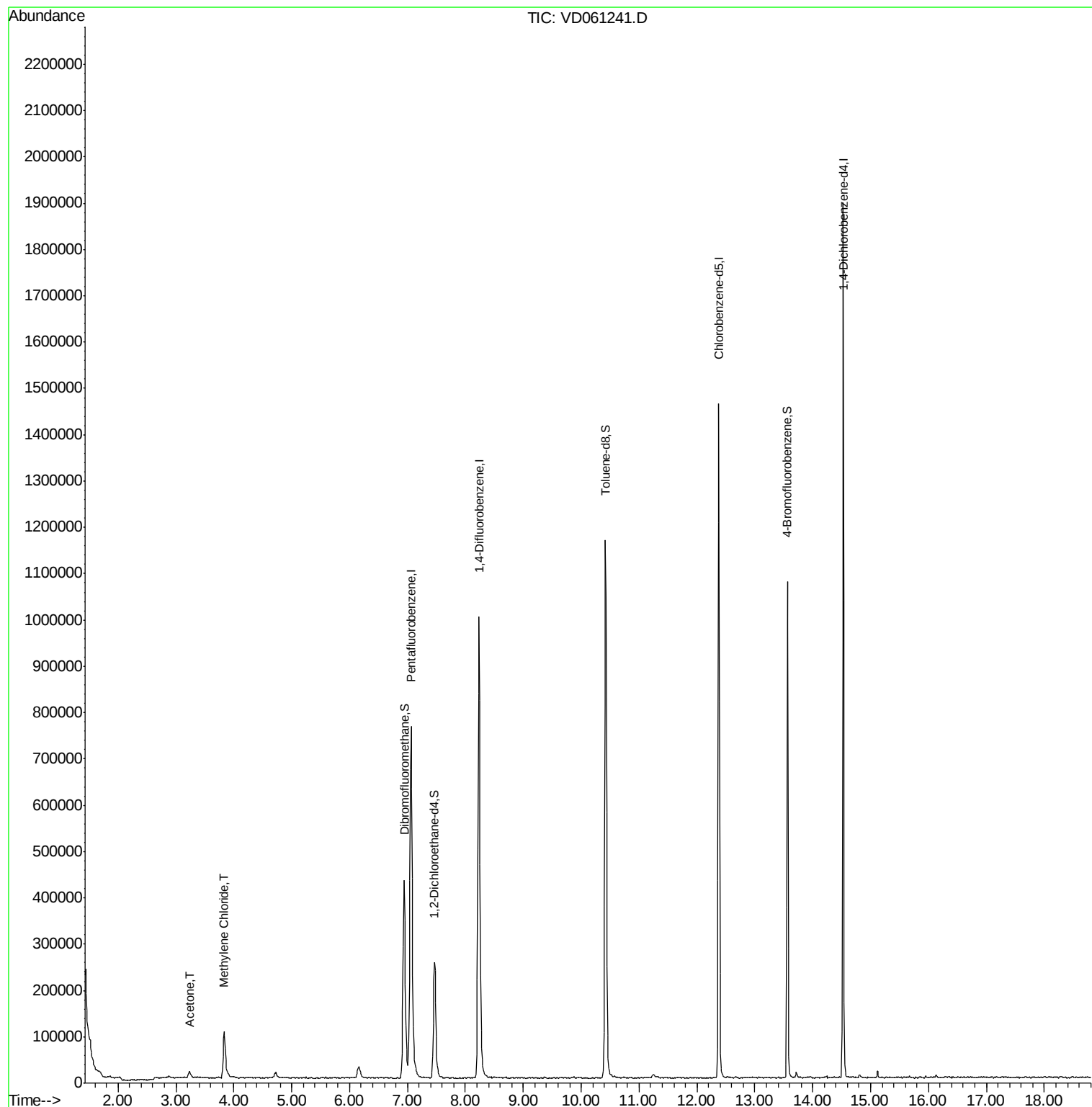
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	788159	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1265227	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	950386	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	438192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	258950	39.47	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.94%	
35) Dibromofluoromethane	6.94	113	433177	46.13	ug/l	0.02
Spiked Amount 50.000			Recovery	=	92.26%	
50) Toluene-d8	10.42	98	1033051	43.81	ug/l	0.02
Spiked Amount 50.000			Recovery	=	87.62%	
62) 4-Bromofluorobenzene	13.56	95	369345	40.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.74%	
Target Compounds						
16) Acetone	3.23	43	28597	15.243	ug/l	99
20) Methylene Chloride	3.83	84	80811	5.275	ug/l	91

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

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Quant Title : SW846 8260
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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

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Instrument :

MSVOA_D

ClientSampleId :

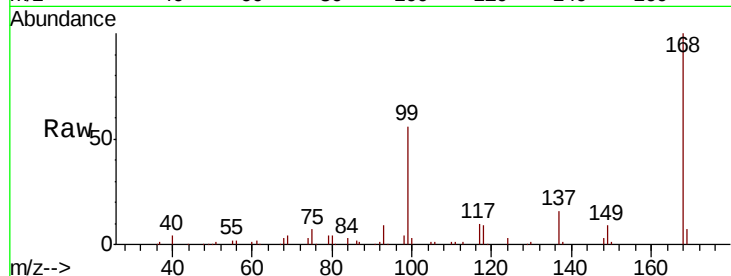
S-1(10)

Tot Ion:168 Resp: 788159

Ion Ratio Lower Upper

168 100

99 55.6 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

300000

250000

200000

150000

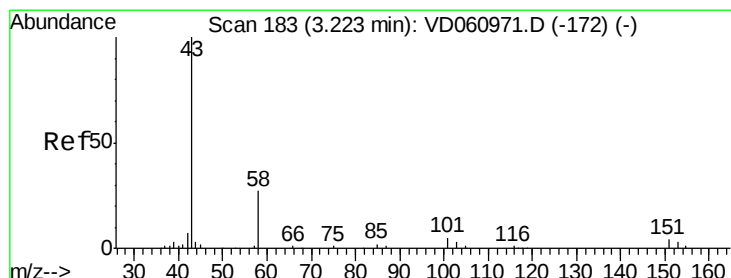
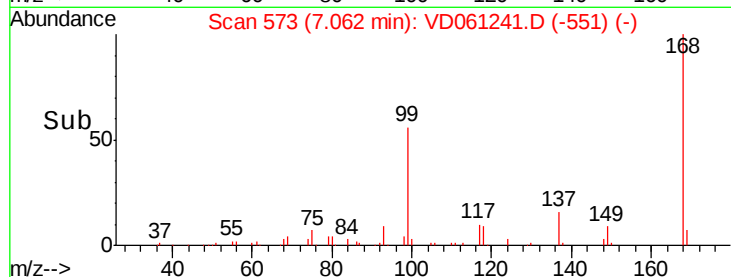
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 15.243 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061241.D

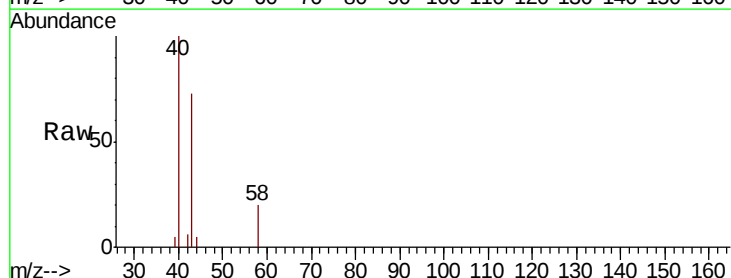
Acq: 21 Mar 2019 13:36

Tgt Ion: 43 Resp: 28597

Ion Ratio Lower Upper

43 100

58 27.7 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

10000

8000

6000

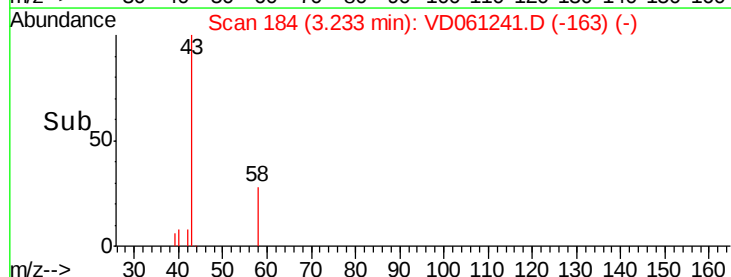
4000

2000

0

Time-->

3.10 3.20 3.30 3.40

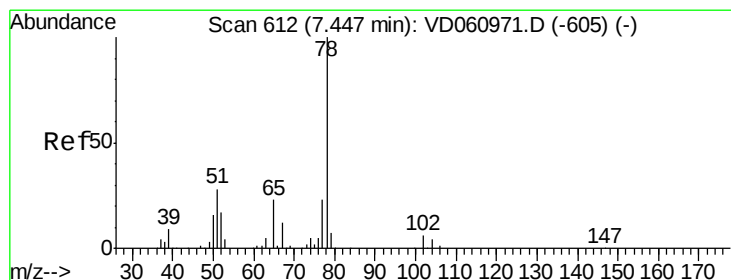
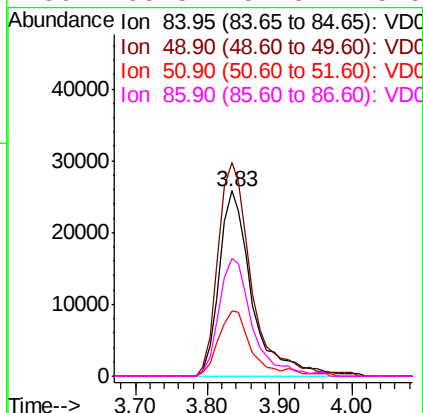
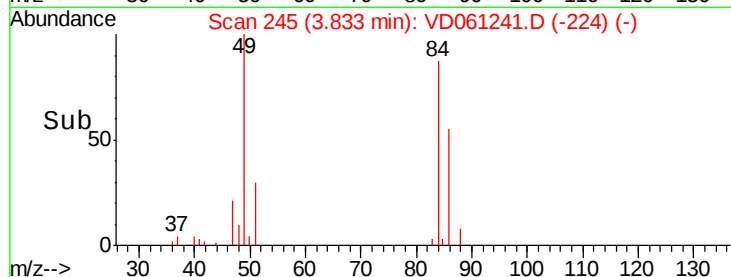
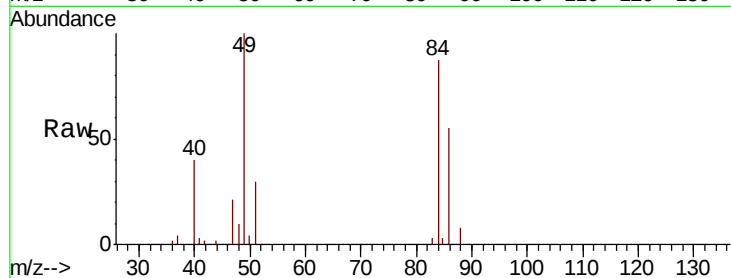




#20
Methylene Chloride
Concen: 5.275 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.01 min
Lab File: VD061241.D
Acq: 21 Mar 2019 13:36

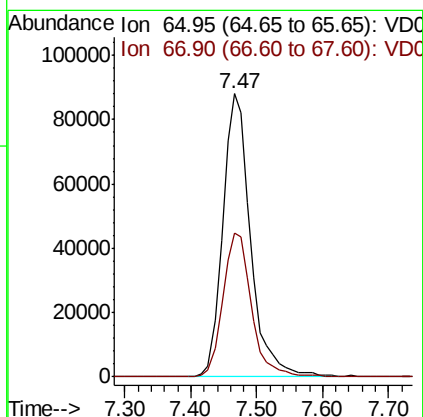
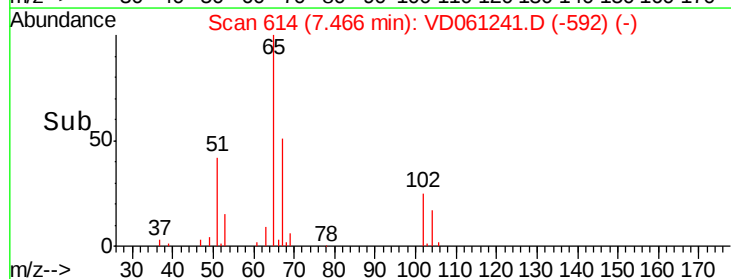
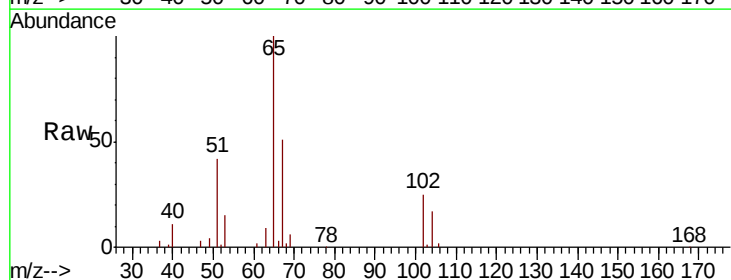
Instrument :
MSVOA_D
ClientSampleId :
S-1(10)

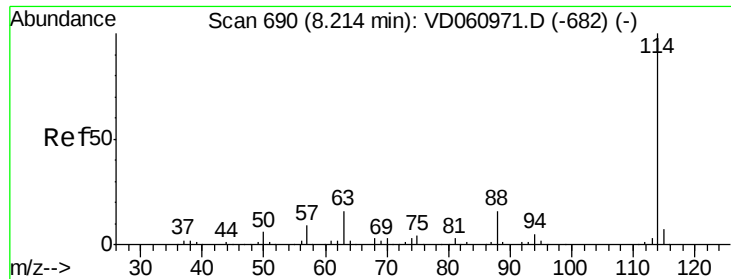
Tot Ion: 84 Resp: 80811
Ion Ratio Lower Upper
84 100
49 115.3 104.2 156.2
51 35.0 32.3 48.5
86 63.8 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD061241.D
Acq: 21 Mar 2019 13:36

Tgt Ion: 65 Resp: 258950
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.2

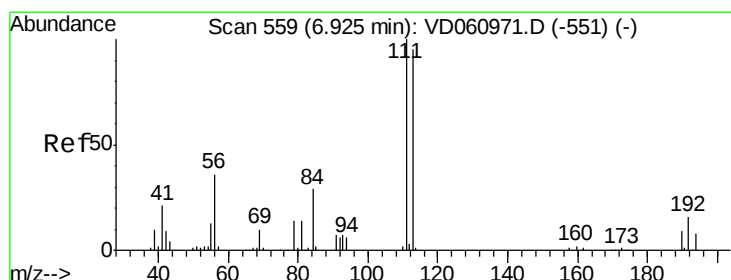
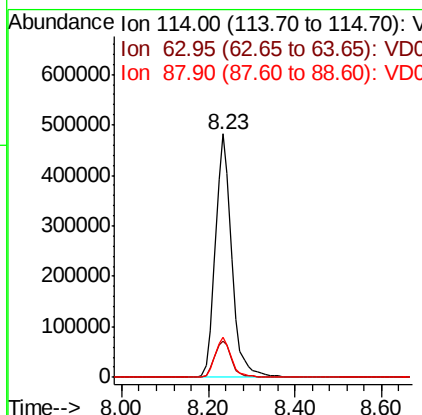
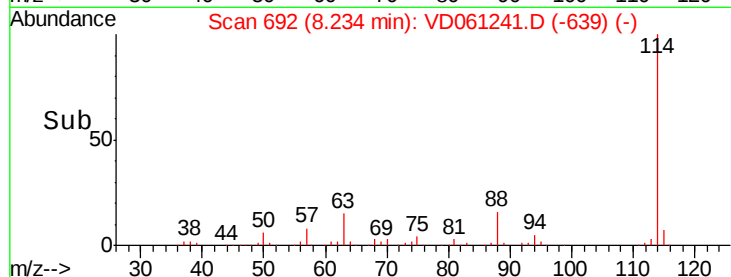
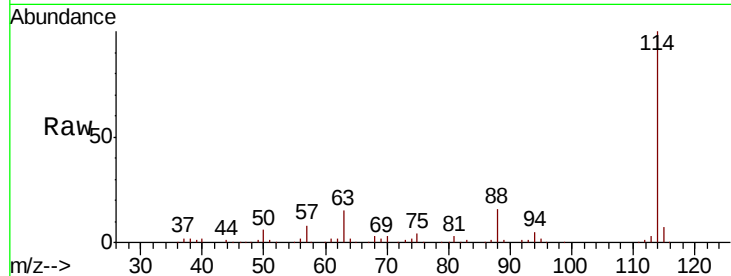




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061241.D
 Acq: 21 Mar 2019 13:36

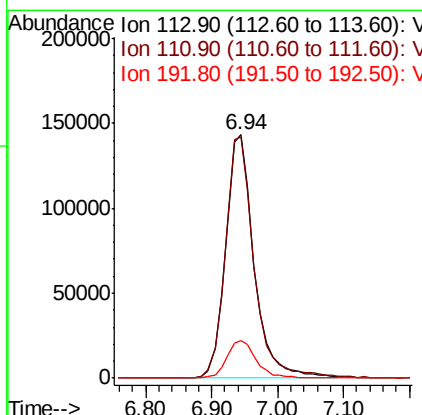
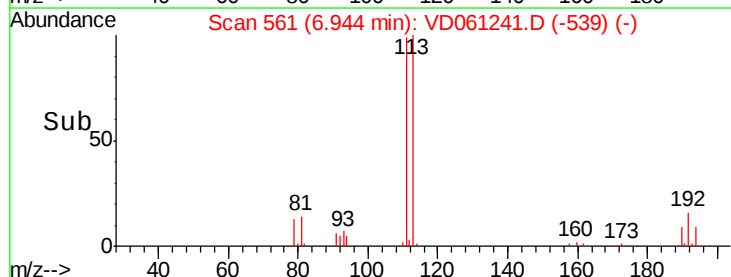
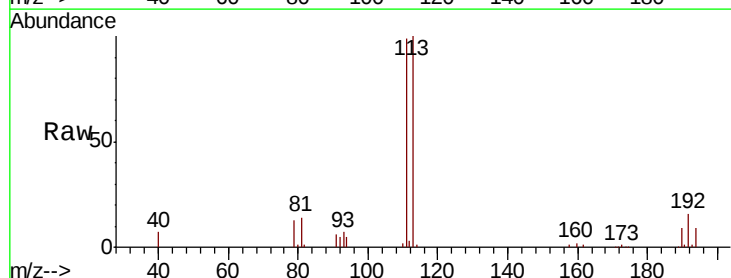
Instrument :
 MSVOA_D
 ClientSampleId :
 S-1(10)

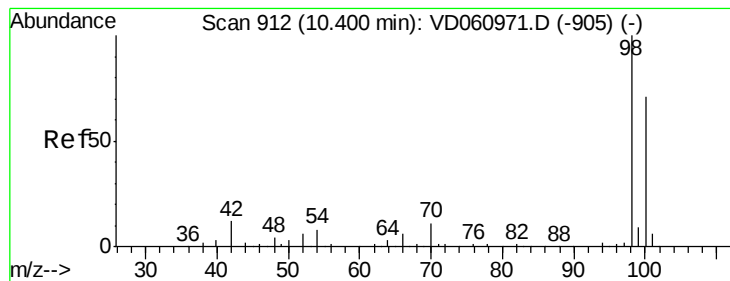
Tot Ion:114 Resp: 1265227
 Ion Ratio Lower Upper
 114 100
 63 15.0 0.0 31.4
 88 16.5 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD061241.D
 Acq: 21 Mar 2019 13:36

Tgt Ion:113 Resp: 433177
 Ion Ratio Lower Upper
 113 100
 111 98.9 84.2 126.4
 192 15.5 13.1 19.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061241.D

Acq: 21 Mar 2019 13:36

Instrument :

MSVOA_D

ClientSampleId :

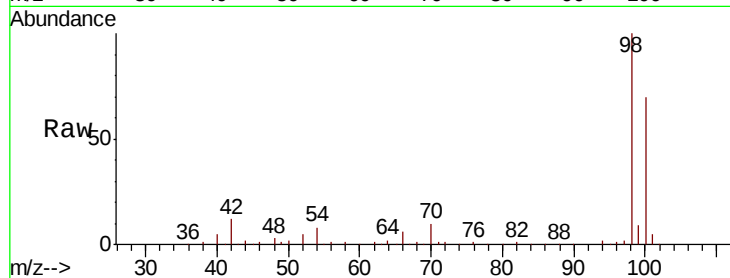
S-1(10)

Tot Ion: 98 Resp: 1033051

Ion Ratio Lower Upper

98 100

100 69.7 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) (-)

10.42

500000

400000

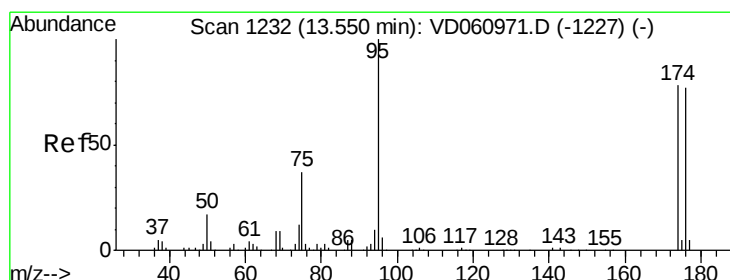
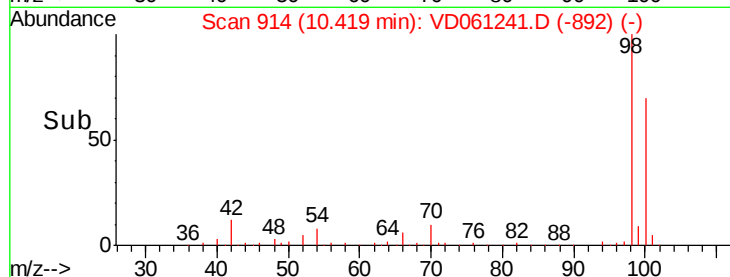
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061241.D

Acq: 21 Mar 2019 13:36

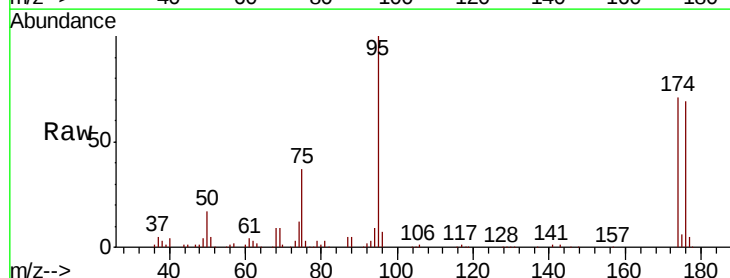
Tgt Ion: 95 Resp: 369345

Ion Ratio Lower Upper

95 100

174 70.5 0.0 155.6

176 69.1 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) (-)

13.56

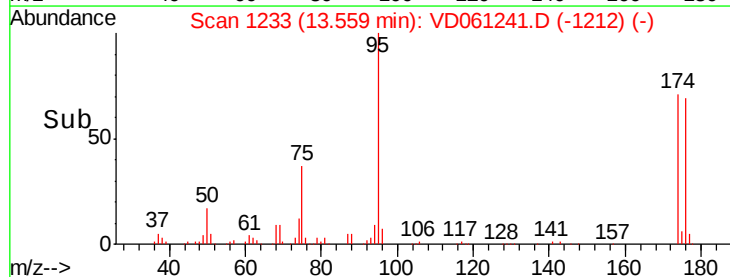
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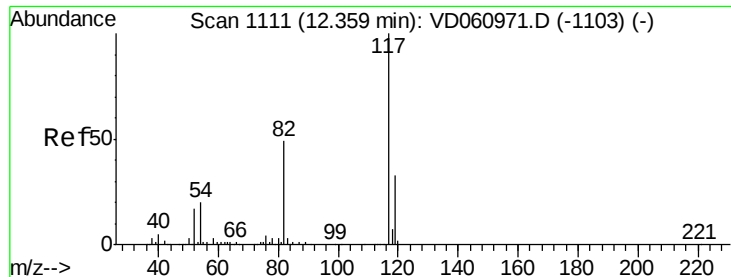
200000

100000

0

Time-->

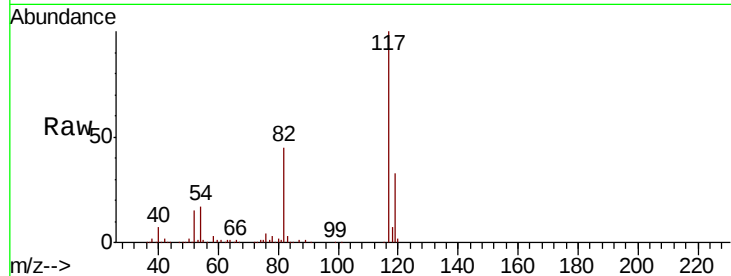




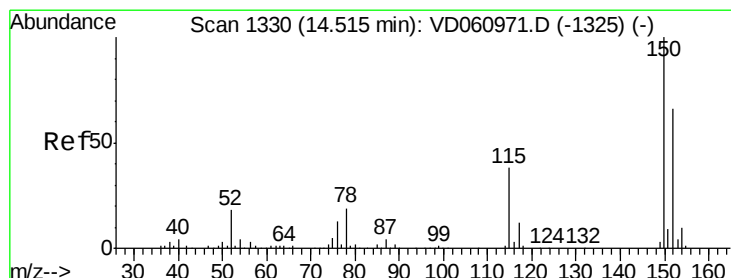
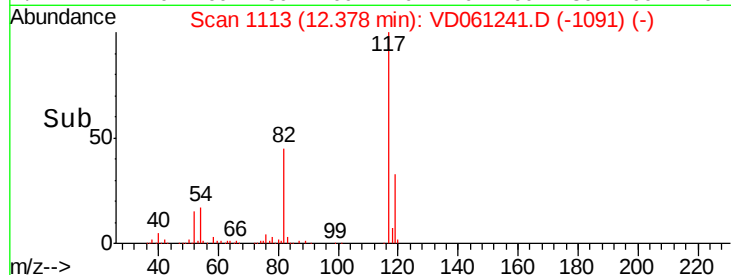
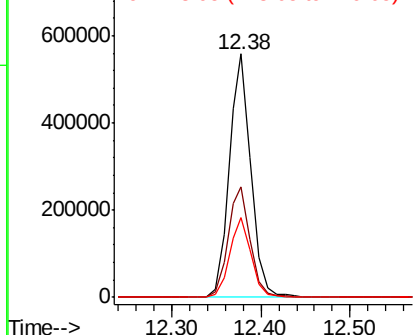
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061241.D
Acq: 21 Mar 2019 13:36

Instrument :
MSVOA_D
ClientSampleId :
S-1(10)

Tot Ion:117 Resp: 950386
Ion Ratio Lower Upper
117 100
82 45.3 38.9 58.3
119 32.7 26.6 39.8

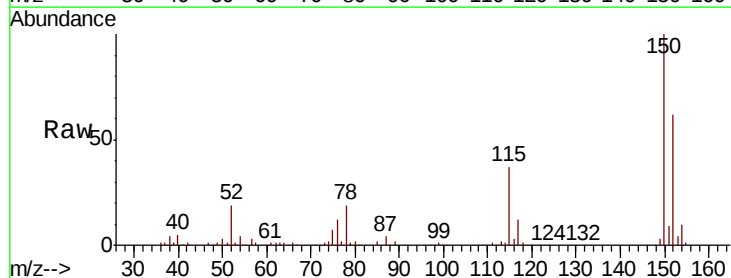


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061241.D
Acq: 21 Mar 2019 13:36

Tgt Ion:152 Resp: 438192
Ion Ratio Lower Upper
152 100
115 59.8 28.6 85.9
150 160.8 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

