

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030519\
 Data File : VD060947.D
 Acq On : 5 Mar 2019 14:30
 Operator : VA/AP
 Sample : K1714-04RE
 Misc : 6.50g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-A-8-11RE

Quant Time: Mar 06 04:07:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 01:28:28 2019
 Response via : Initial Calibration

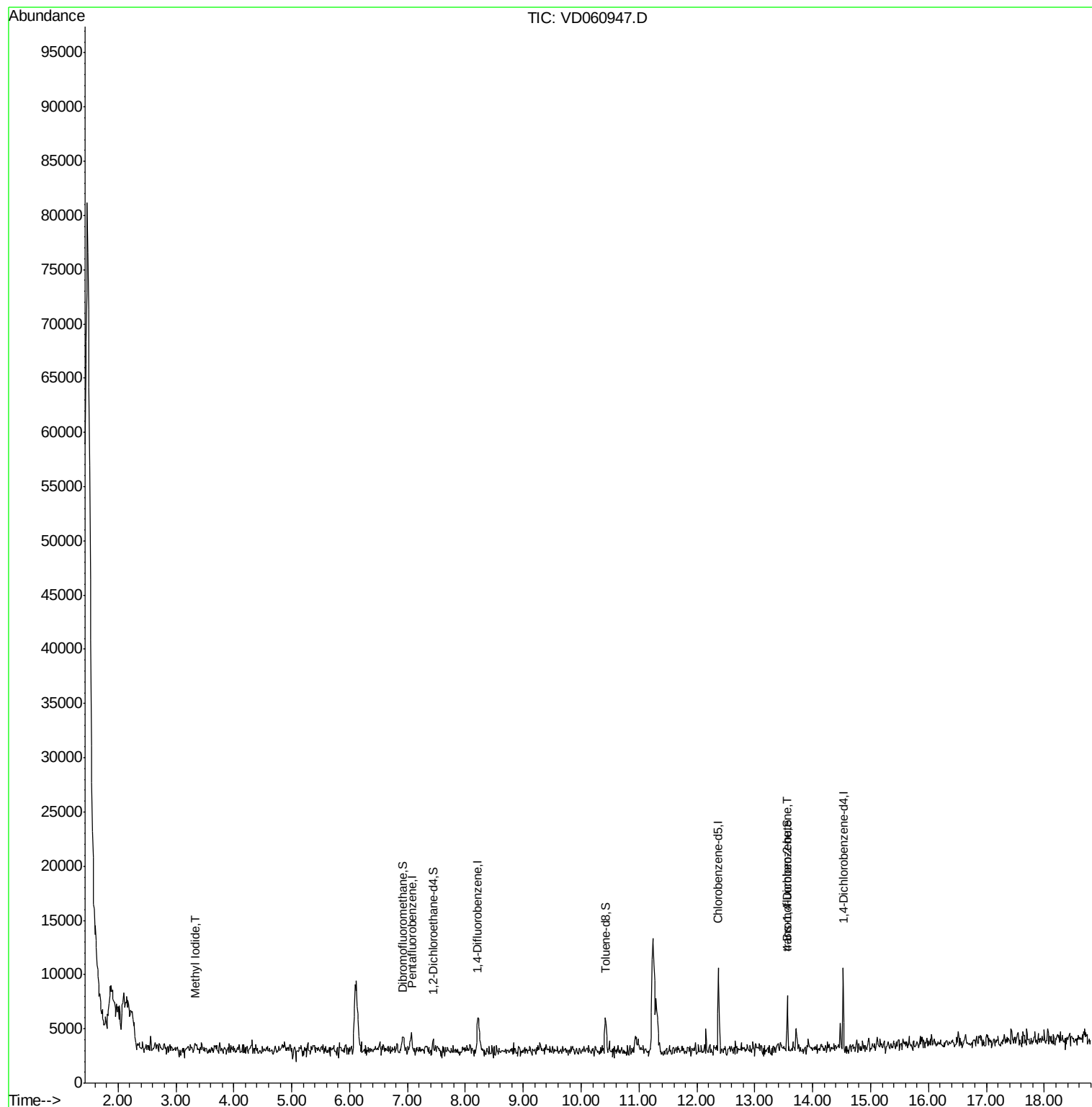
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	3137	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	6759	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	6103	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	2157	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	720	27.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.52%	
35) Dibromofluoromethane	6.93	113	1485	27.41	ug/l	0.02
Spiked Amount 50.000			Recovery	=	54.82%	
50) Toluene-d8	10.41	98	4381	32.49	ug/l	0.01
Spiked Amount 50.000			Recovery	=	64.98%	
62) 4-Bromofluorobenzene	13.56	95	1847	36.25	ug/l	0.01
Spiked Amount 50.000			Recovery	=	72.50%	
Target Compounds						
10) Methyl Iodide	3.32	142	185	7.484	ug/l #	40
81) trans-1,4-Dichloro-2-buten	13.56	75	516	49.887	ug/l #	20

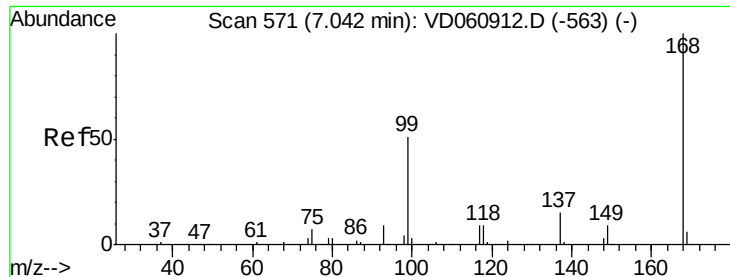
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD060947.D

Acq: 5 Mar 2019 14:30

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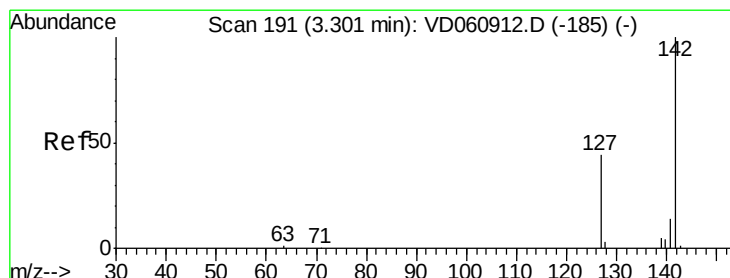
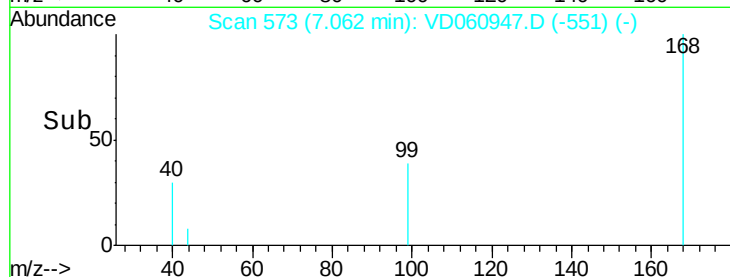
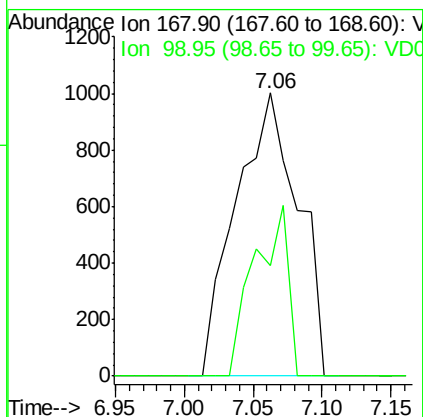
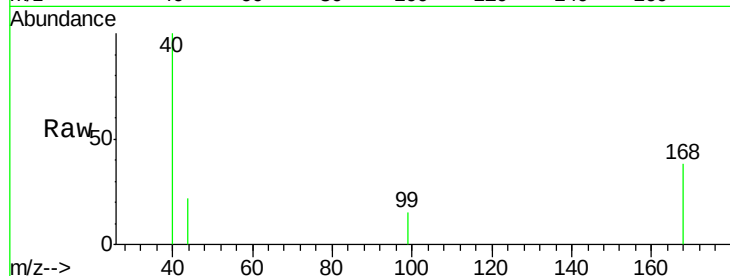
SB-A-8-11RE

Tot Ion:168 Resp: 3137

Ion Ratio Lower Upper

168 100

99 39.0 41.5 62.3#



#10

Methyl Iodide

Concen: 7.484 ug/l

RT: 3.32 min Scan# 193

Delta R.T. 0.02 min

Lab File: VD060947.D

Acq: 5 Mar 2019 14:30

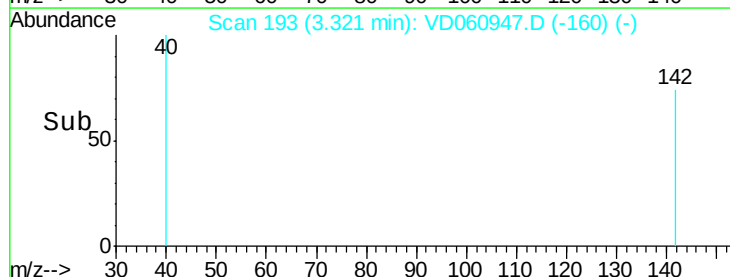
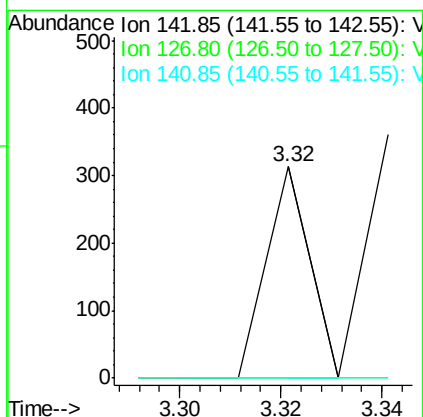
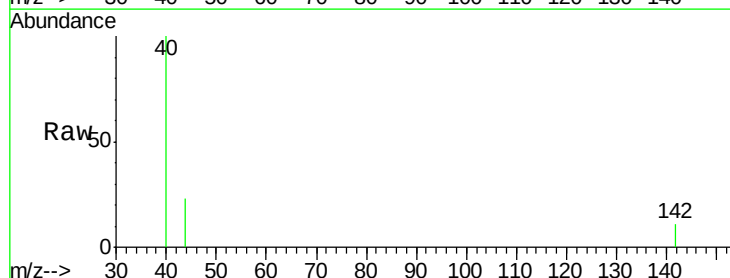
Tgt Ion:142 Resp: 185

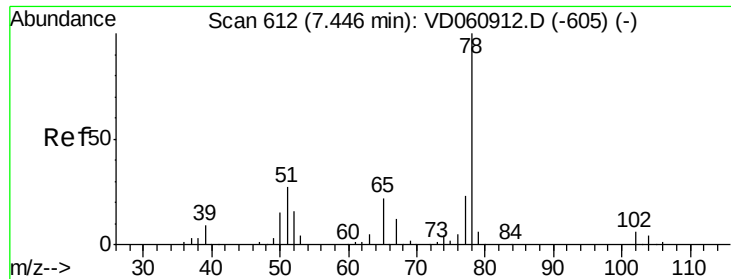
Ion Ratio Lower Upper

142 100

127 0.0 35.0 52.6#

141 0.0 11.0 16.4#

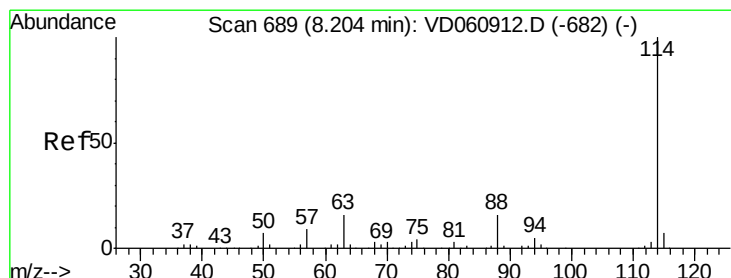
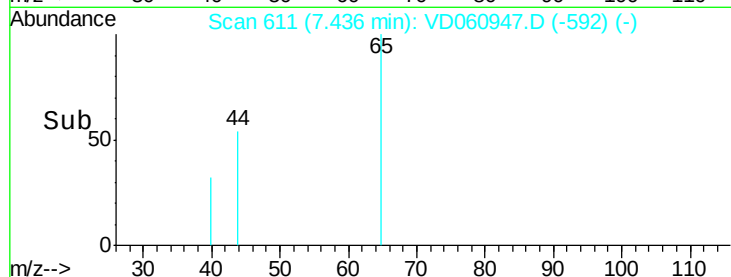
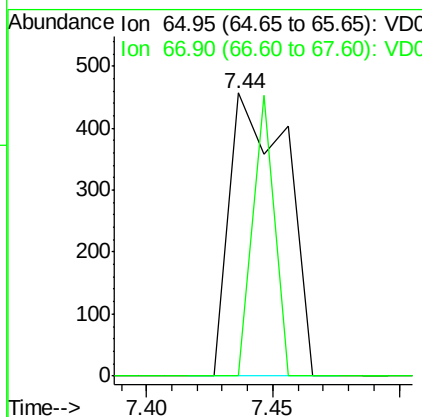
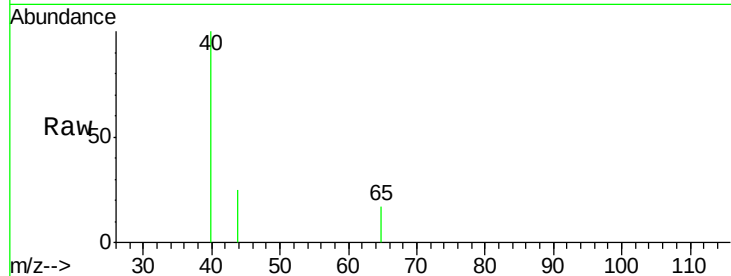




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: VD060947.D
 Acq: 5 Mar 2019 14:30

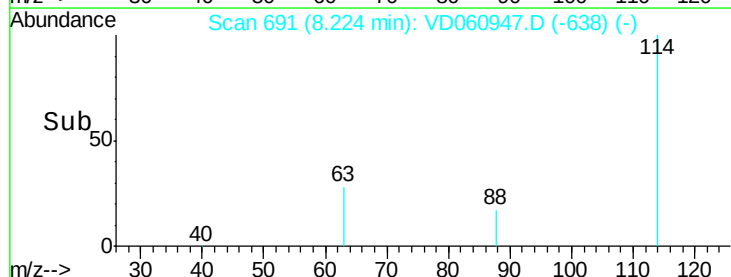
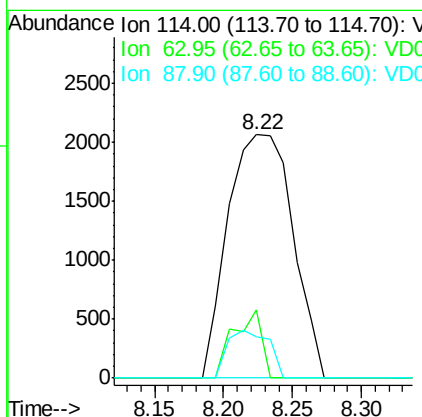
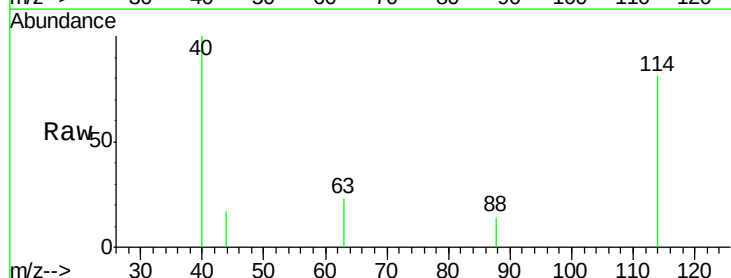
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-A-8-11RE

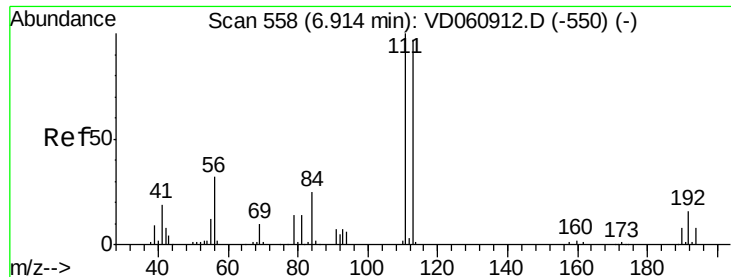
Tot Ion: 65 Resp: 720
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD060947.D
 Acq: 5 Mar 2019 14:30

Tgt Ion: 114 Resp: 6759
 Ion Ratio Lower Upper
 114 100
 63 27.9 0.0 32.0
 88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.02 min

Lab File: VD060947.D

Acq: 5 Mar 2019 14:30

Instrument :

MSVOA_D

ClientSampleId :

SB-A-8-11RE

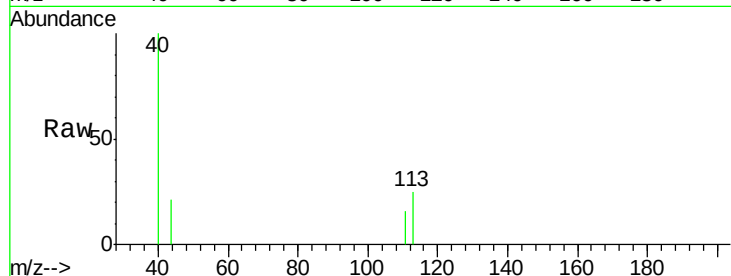
Tot Ion:113 Resp: 1485

Ion Ratio Lower Upper

113 100

111 66.9 82.6 124.0#

192 0.0 13.4 20.2#



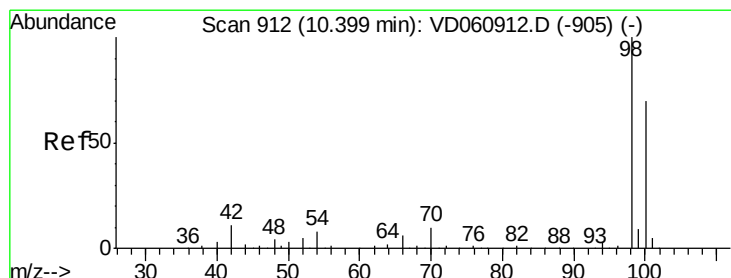
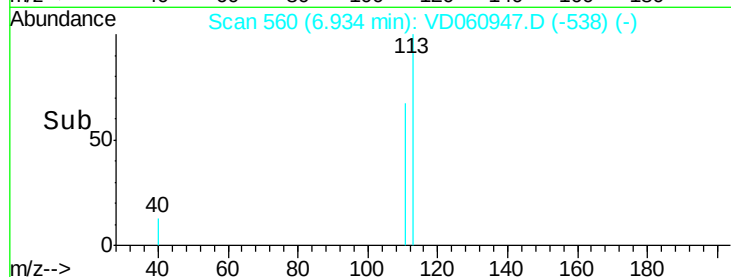
Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

6.93

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD060947.D

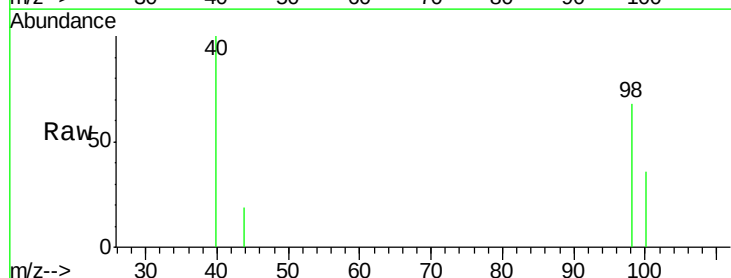
Acq: 5 Mar 2019 14:30

Tgt Ion: 98 Resp: 4381

Ion Ratio Lower Upper

98 100

100 52.9 57.0 85.4#

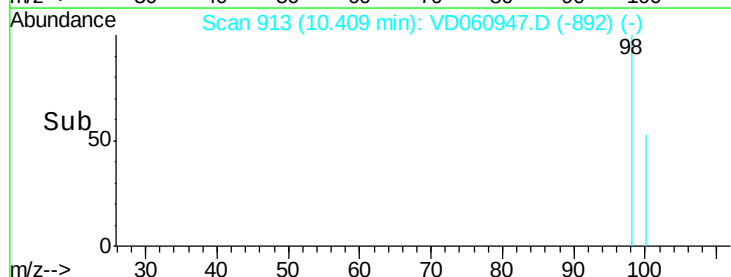


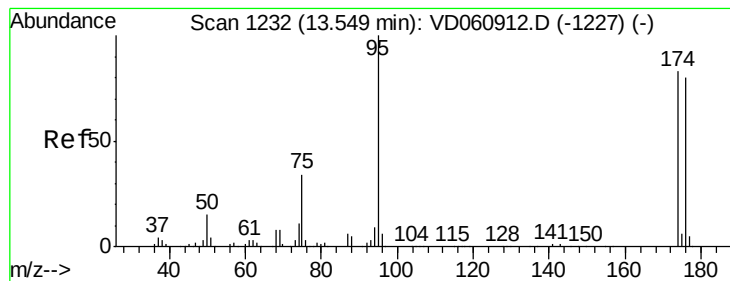
Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

10.41

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD060947.D

Acq: 5 Mar 2019 14:30

Instrument :

MSVOA_D

ClientSampleId :

SB-A-8-11RE

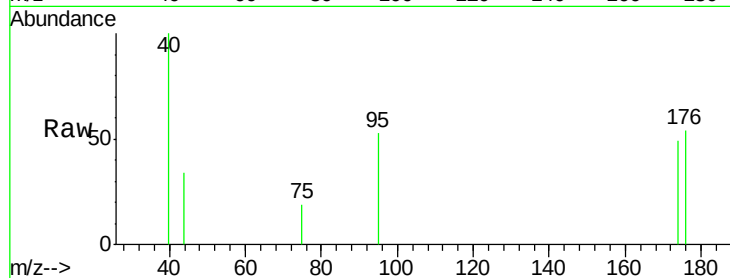
Tot Ion: 95 Resp: 1847

Ion Ratio Lower Upper

95 100

174 92.5 0.0 165.6

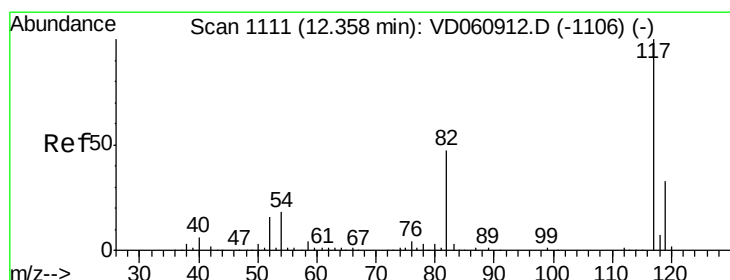
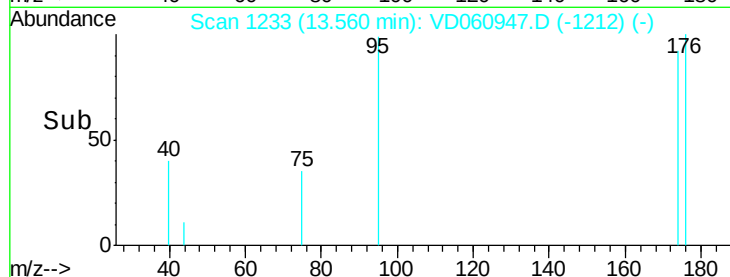
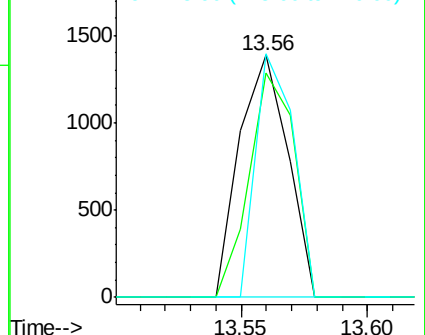
176 100.6 0.0 160.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD060947.D

Acq: 5 Mar 2019 14:30

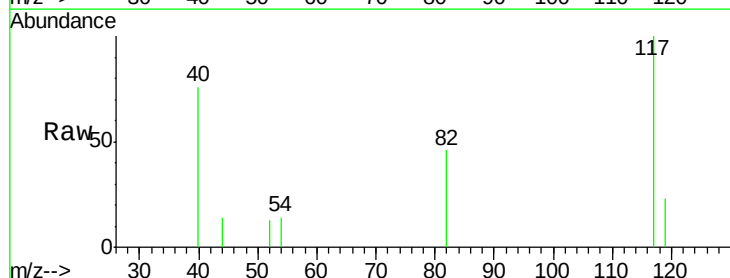
Tgt Ion: 117 Resp: 6103

Ion Ratio Lower Upper

117 100

82 46.3 37.5 56.3

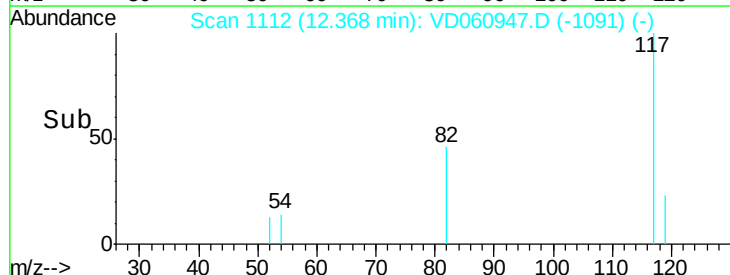
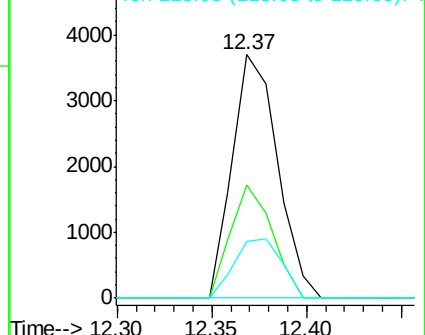
119 23.3 26.2 39.2#

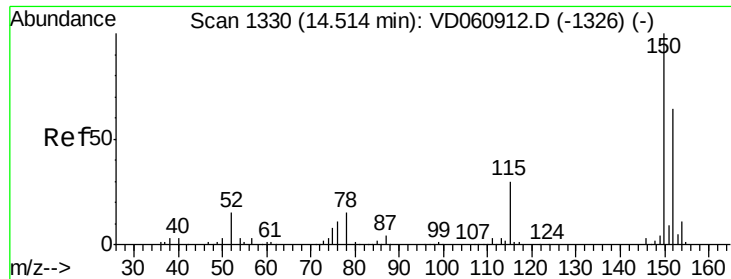


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

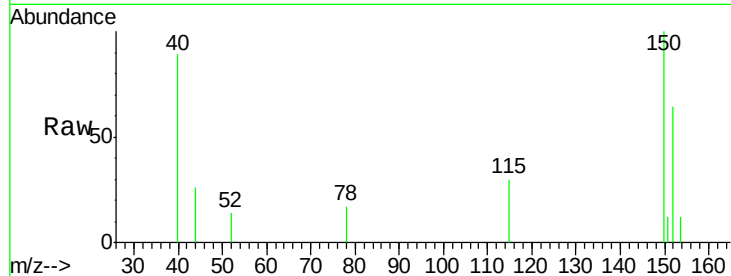




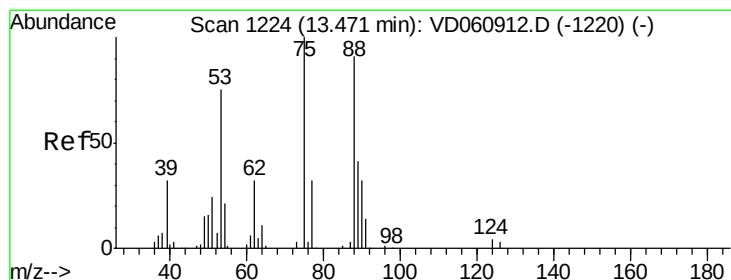
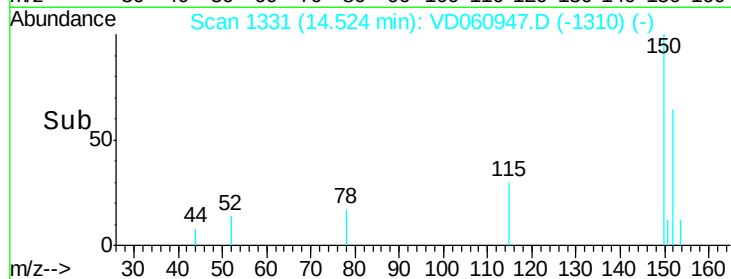
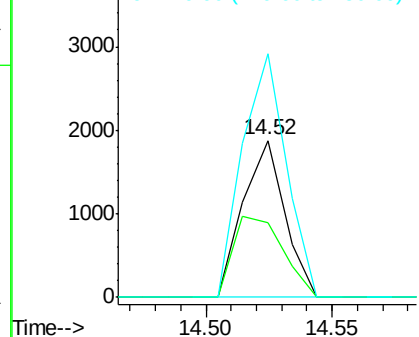
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD060947.D
 Acq: 5 Mar 2019 14:30

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-A-8-11RE

Tot Ion:152 Resp: 2157
 Ion Ratio Lower Upper
 152 100
 115 47.3 27.6 82.8
 150 155.2 0.0 312.8

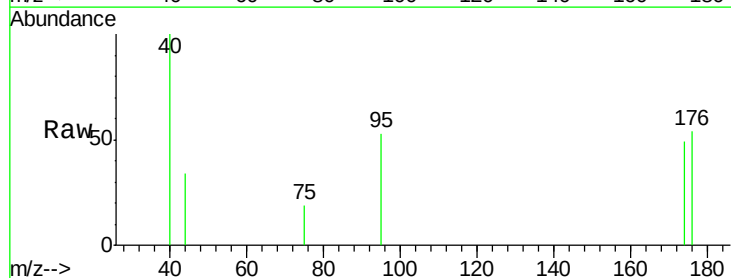


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V



#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.887 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.09 min
 Lab File: VD060947.D
 Acq: 5 Mar 2019 14:30

Tgt Ion: 75 Resp: 516
 Ion Ratio Lower Upper
 75 100
 53 0.0 59.8 89.6#
 89 0.0 33.0 49.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 53.00 (52.70 to 53.70): VDC
 Ion 89.00 (88.70 to 89.70): VDC

