

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031319\
 Data File : VD061048.D
 Acq On : 13 Mar 2019 17:58
 Operator : VA/AP
 Sample : K1847-10RE
 Misc : 6.557g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

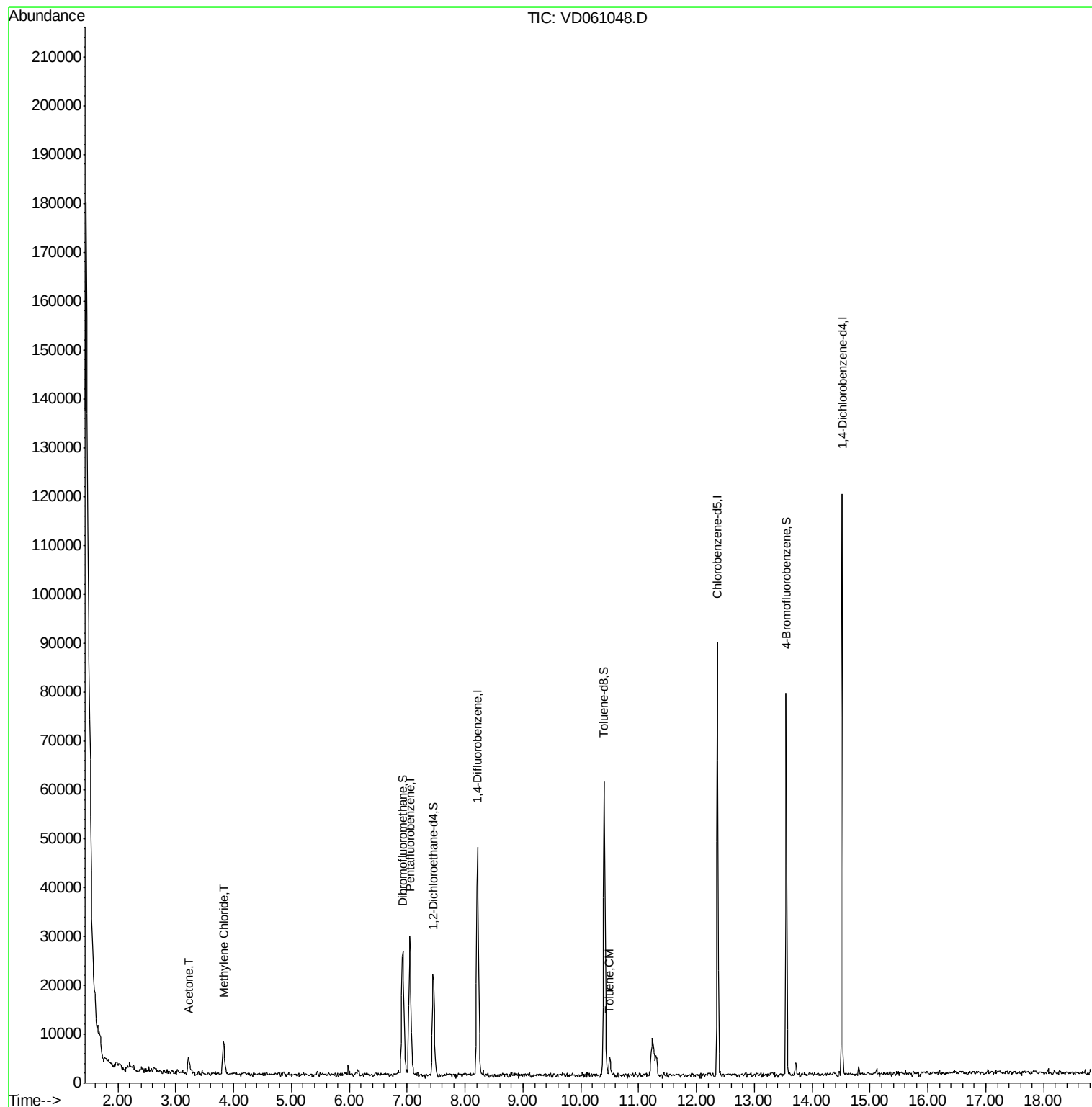
Quant Time: Mar 14 03:20:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	30457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	60266	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	55079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	27153	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	21282	83.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	167.90%	
35) Dibromofluoromethane	6.92	113	25045	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.00%	
50) Toluene-d8	10.40	98	56819	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	13.55	95	24119	55.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.68%	
Target Compounds						
16) Acetone	3.22	43	6442	88.860	ug/l #	85
20) Methylene Chloride	3.83	84	4889	11.168	ug/l #	72
52) Toluene	10.50	92	2160	2.676	ug/l #	74

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061048.D

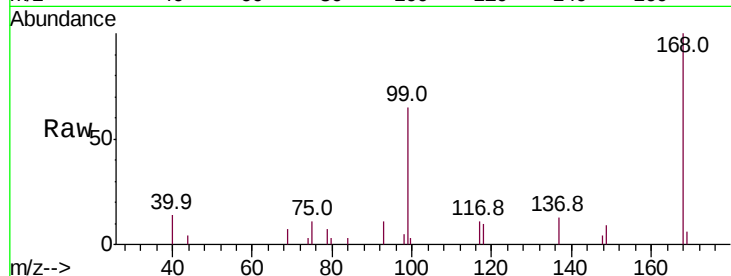
Acq: 13 Mar 2019 17:58

Tot Ion:168 Resp: 30457

Ion Ratio Lower Upper

168 100

99 65.2 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

12000

10000

8000

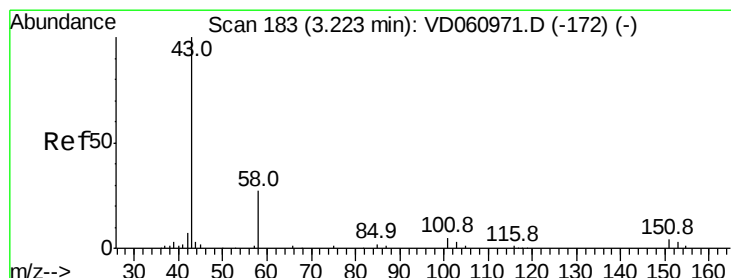
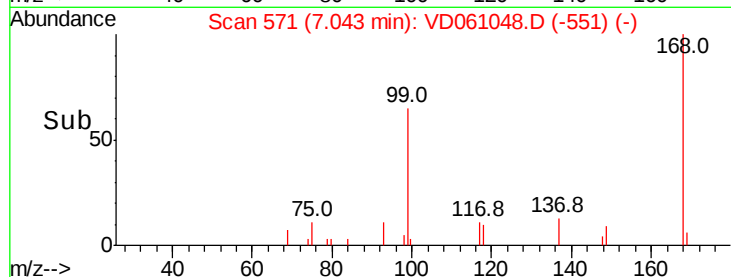
6000

4000

2000

0

Time-->



#16

Acetone

Concen: 88.860 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061048.D

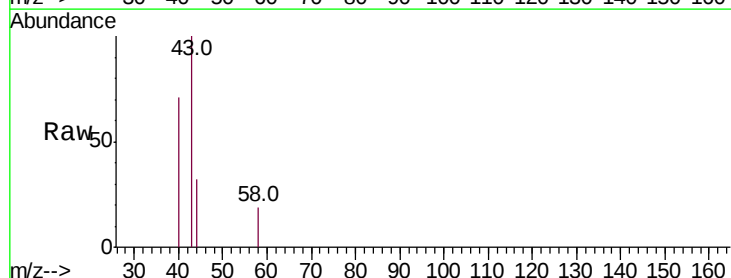
Acq: 13 Mar 2019 17:58

Tgt Ion: 43 Resp: 6442

Ion Ratio Lower Upper

43 100

58 19.0 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

2500

2000

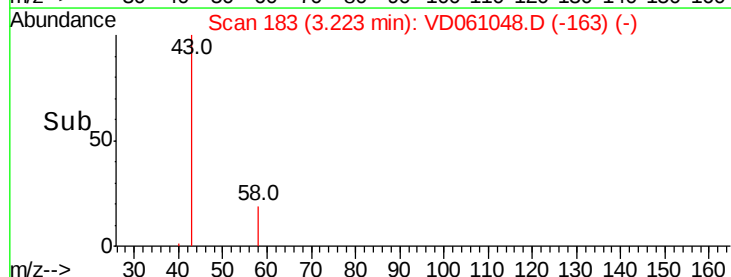
1500

1000

500

0

Time-->





#20

Methylene Chloride

Concen: 11.168 ug/l

RT: 3.83 min Scan# 245

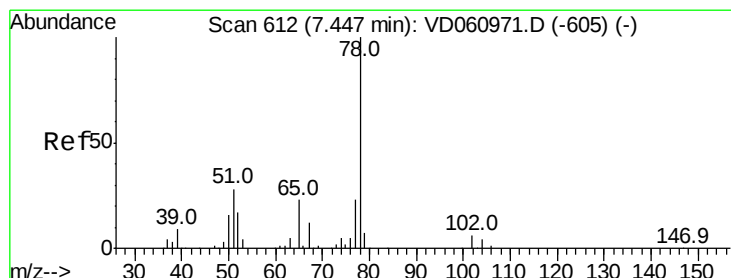
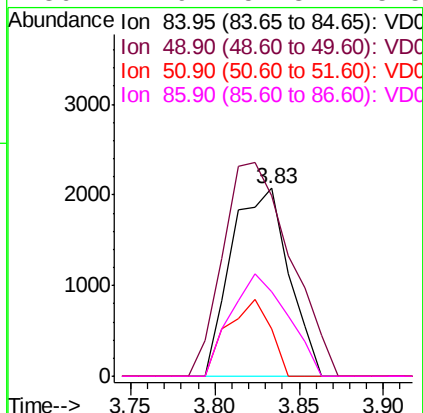
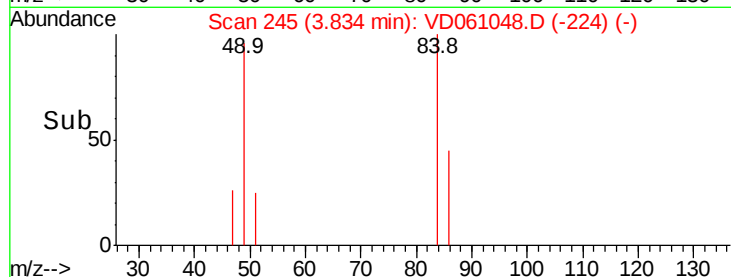
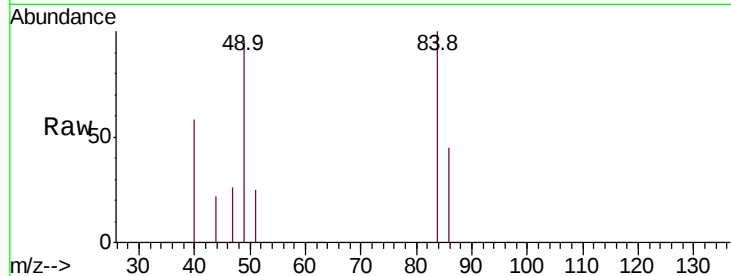
Delta R.T. 0.01 min

Lab File: VD061048.D

Acq: 13 Mar 2019 17:58

Tot Ion: 84 Resp: 4889

Ion	Ratio	Lower	Upper
84	100		
49	95.9	104.2	156.2#
51	24.9	32.3	48.5#
86	44.9	52.3	78.5#



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

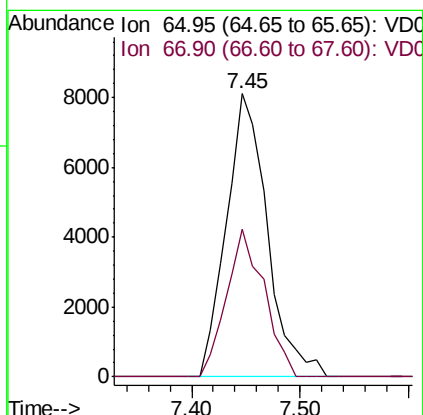
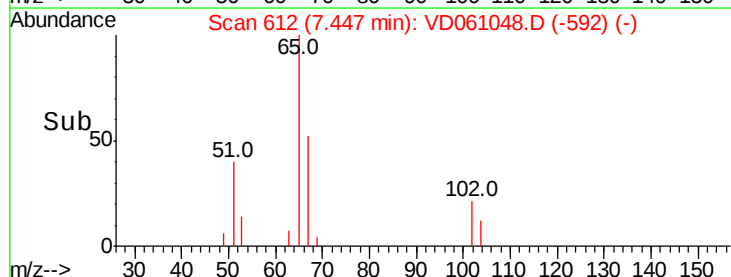
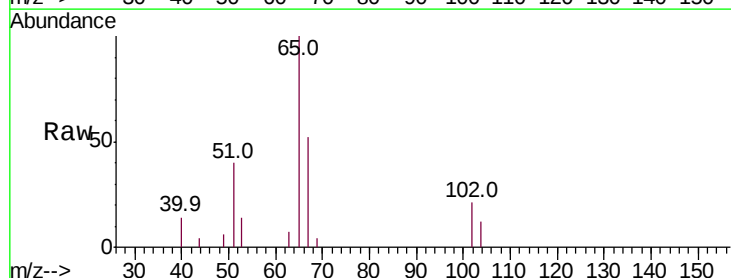
Delta R.T. 0.00 min

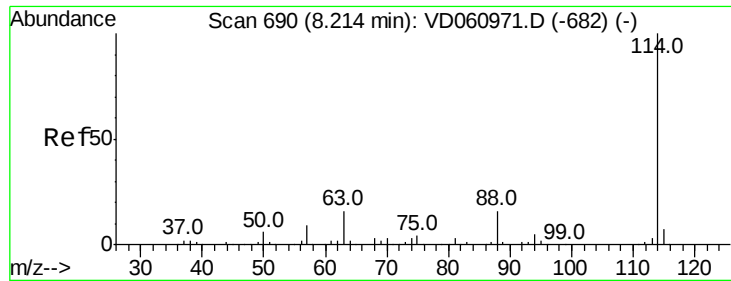
Lab File: VD061048.D

Acq: 13 Mar 2019 17:58

Tgt Ion: 65 Resp: 21282

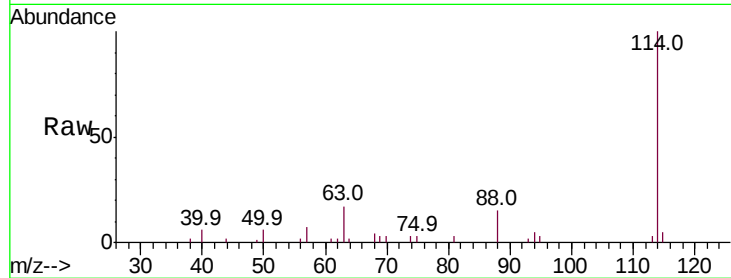
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.2



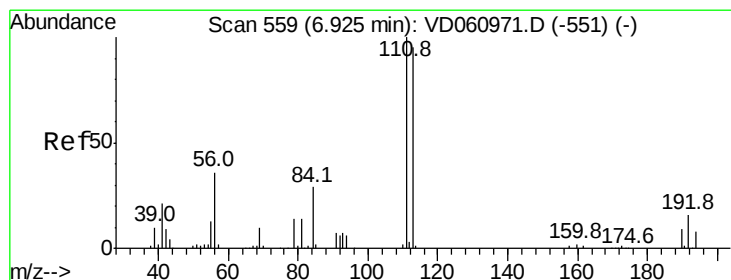
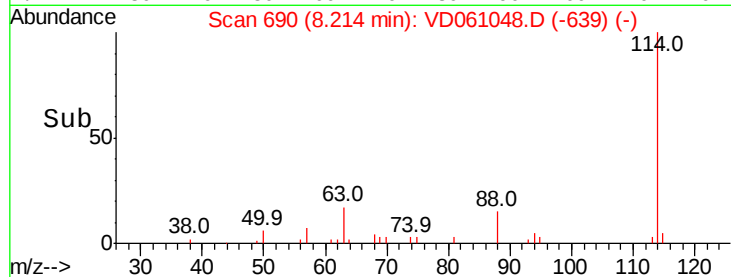
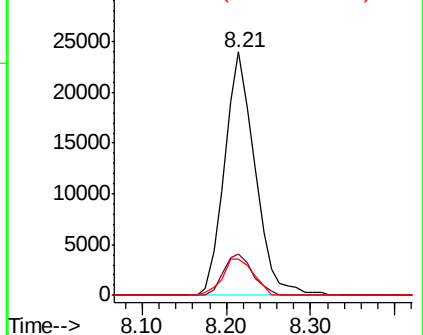


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 690
Delta R.T. 0.00 min
Lab File: VD061048.D
Acq: 13 Mar 2019 17:58

Tot Ion:114 Resp: 60266
Ion Ratio Lower Upper
114 100
63 16.8 0.0 31.4
88 15.1 0.0 33.0

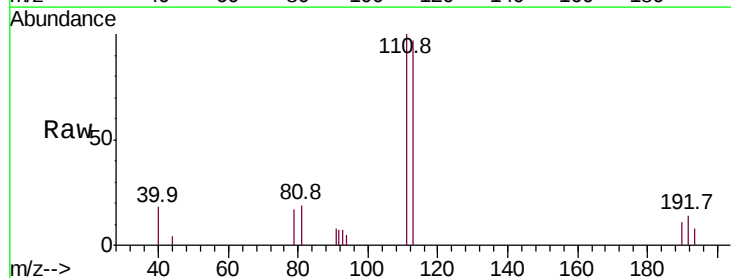


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

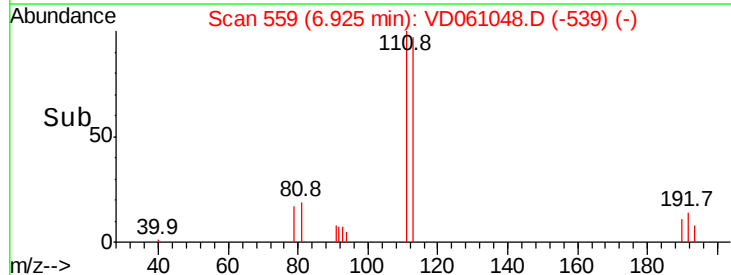
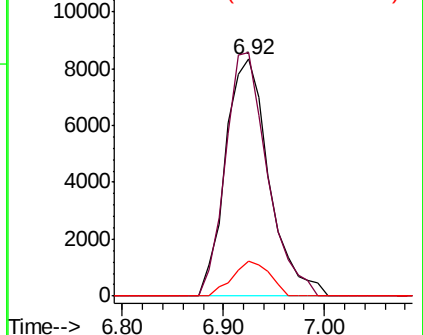


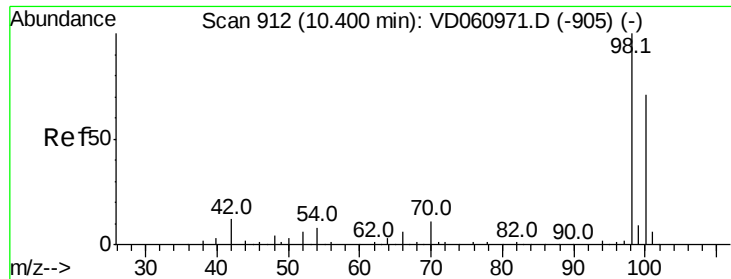
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 559
Delta R.T. 0.00 min
Lab File: VD061048.D
Acq: 13 Mar 2019 17:58

Tgt Ion:113 Resp: 25045
Ion Ratio Lower Upper
113 100
111 102.8 84.2 126.4
192 14.7 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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061048.D

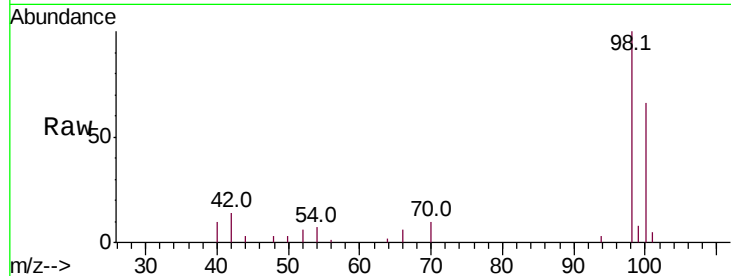
Acq: 13 Mar 2019 17:58

Tot Ion: 98 Resp: 56819

Ion Ratio Lower Upper

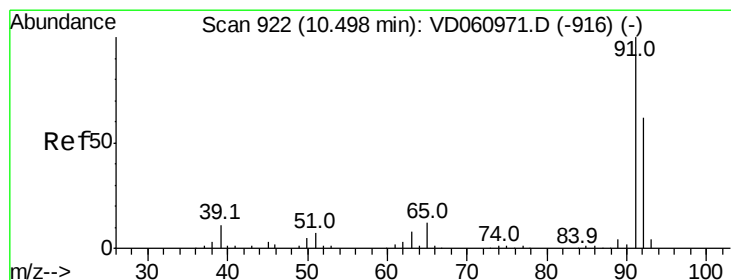
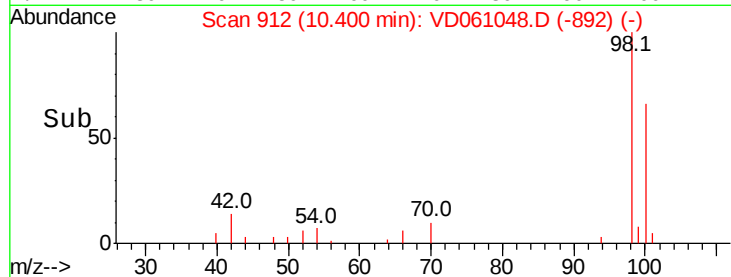
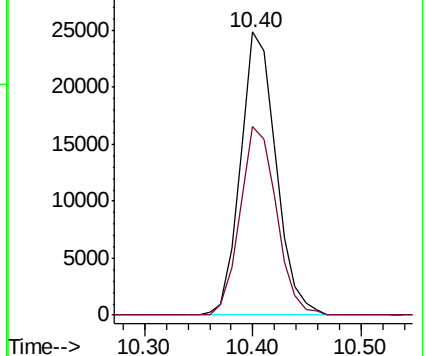
98 100

100 66.5 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 2.676 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: VD061048.D

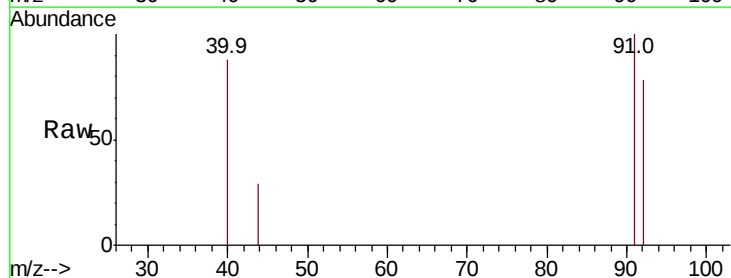
Acq: 13 Mar 2019 17:58

Tgt Ion: 92 Resp: 2160

Ion Ratio Lower Upper

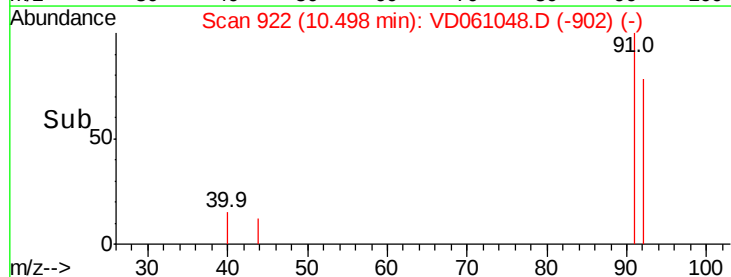
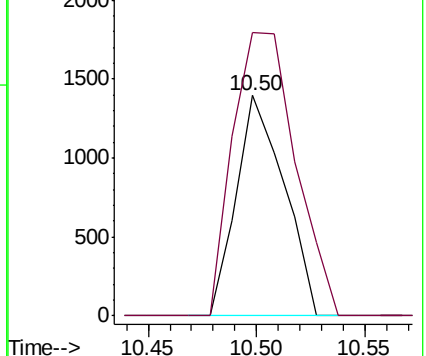
92 100

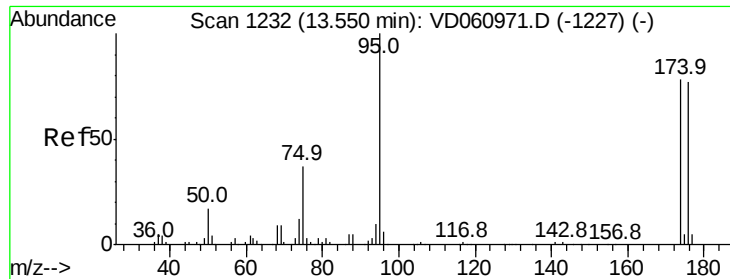
91 128.3 129.8 194.8#



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061048.D

Acq: 13 Mar 2019 17:58

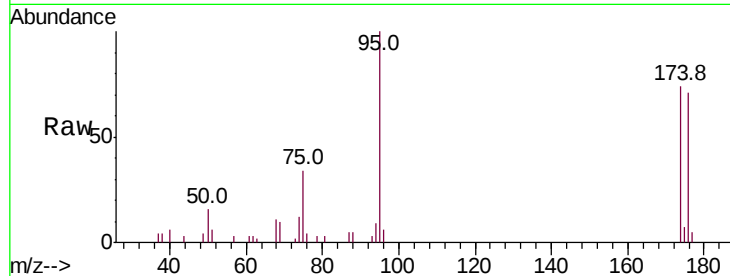
Tot Ion: 95 Resp: 24119

Ion Ratio Lower Upper

95 100

174 74.2 0.0 155.6

176 70.7 0.0 153.8

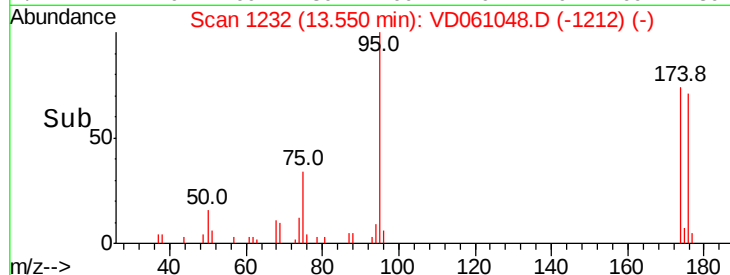


Abundance Ion 95.00 (94.70 to 95.70): V

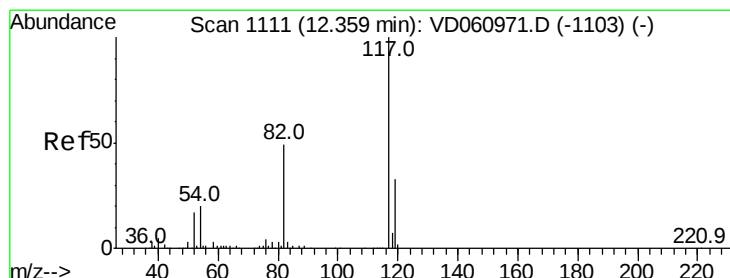
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD061048.D

Acq: 13 Mar 2019 17:58

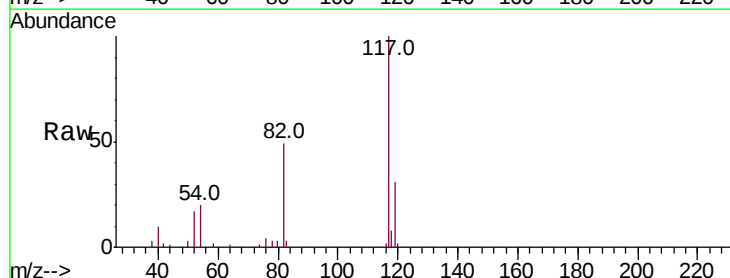
Tgt Ion: 117 Resp: 55079

Ion Ratio Lower Upper

117 100

82 49.2 38.9 58.3

119 31.2 26.6 39.8

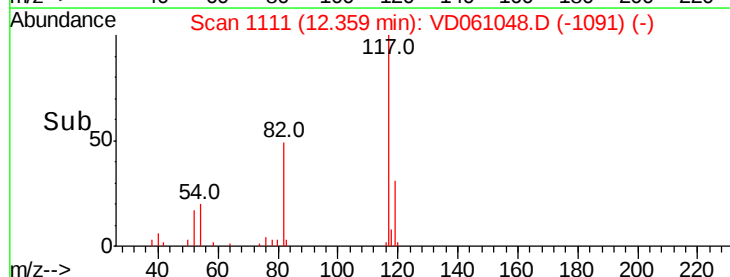


Abundance Ion 116.95 (116.65 to 117.65): V

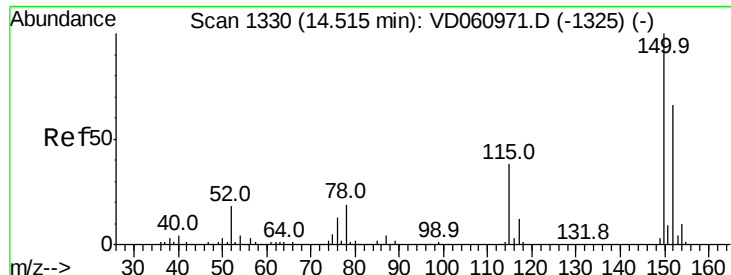
Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

Time-->

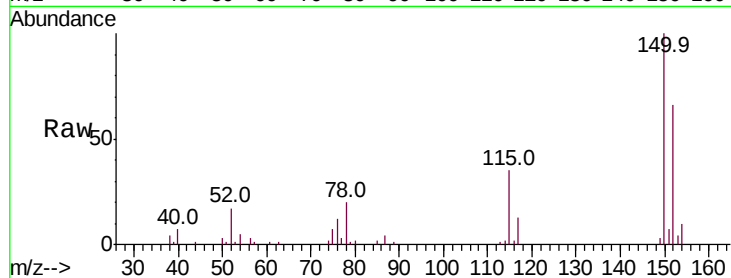


Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD061048.D
 Acq: 13 Mar 2019 17:58

Tot Ion:	152	Resp:	27153
Ion	Ratio	Lower	Upper
152	100		
115	52.9	28.6	85.9
150	150.5	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

