

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031619\
 Data File : VD061119.D
 Acq On : 16 Mar 2019 19:45
 Operator : VA/AP
 Sample : K1930-14
 Misc : 5.39g/5ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

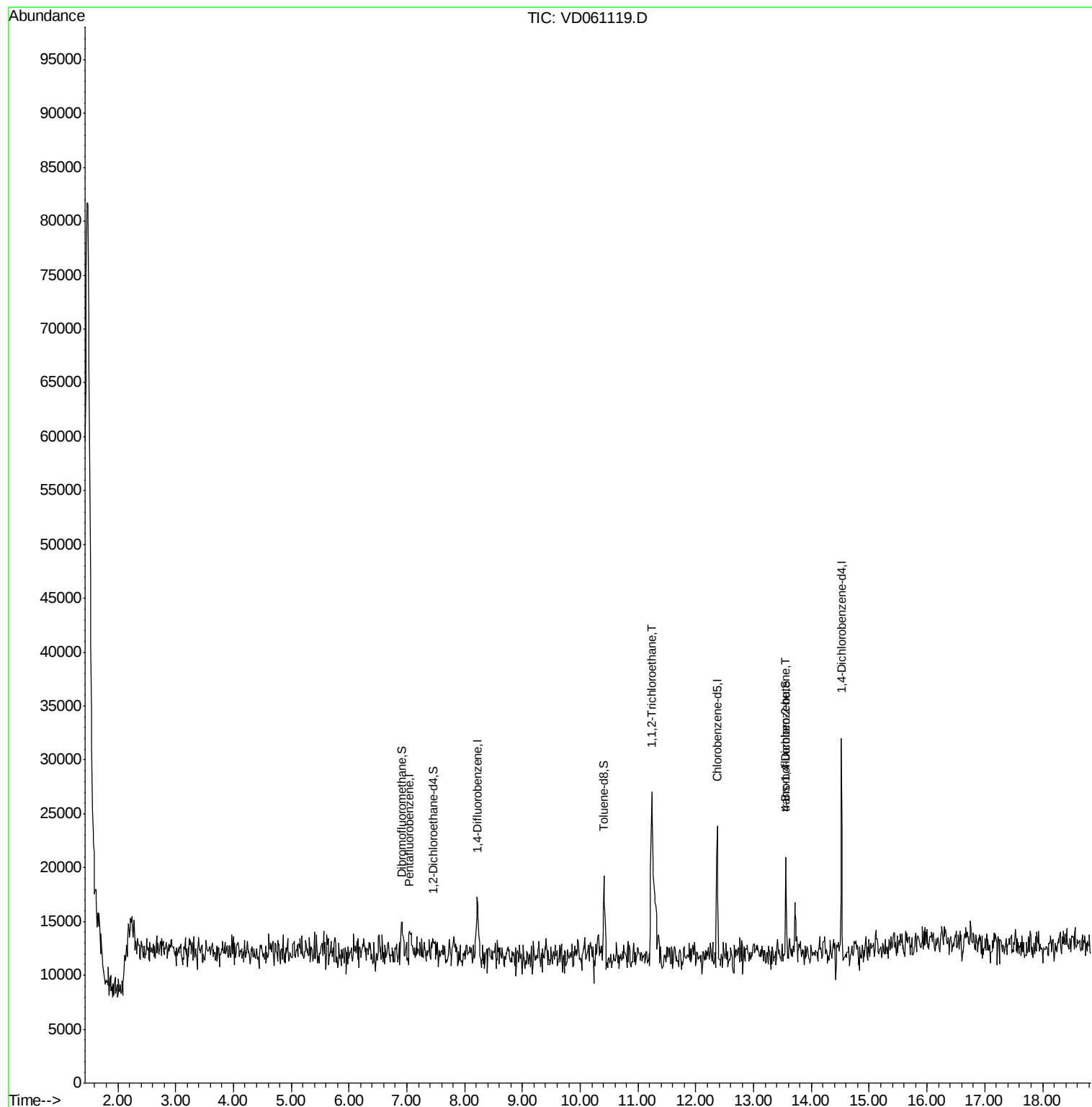
Quant Time: Mar 18 02:29:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

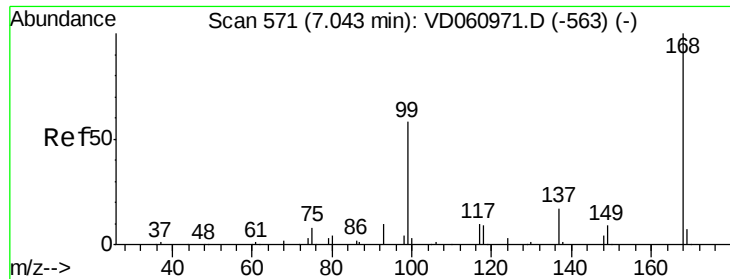
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	3184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	9389	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	8831	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	4660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	2532	95.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	191.08%	
35) Dibromofluoromethane	6.93	113	3219	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
50) Toluene-d8	10.41	98	7519	42.97	ug/l	0.01
Spiked Amount 50.000			Recovery	=	85.94%	
62) 4-Bromofluorobenzene	13.56	95	3652	53.79	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.58%	
Target Compounds						
55) 1,1,2-Trichloroethane	11.24	97	197	4.704	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	948	47.962	ug/l #	17

(#) = 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: VD061119.D

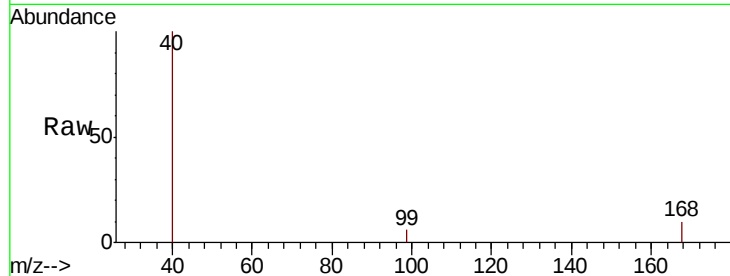
Acq: 16 Mar 2019 19:45

Tgt Ion: 168 Resp: 3184

Ion Ratio Lower Upper

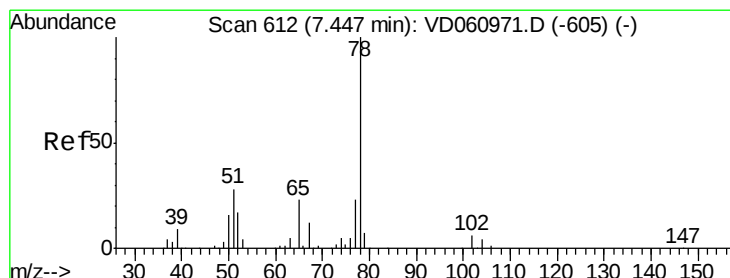
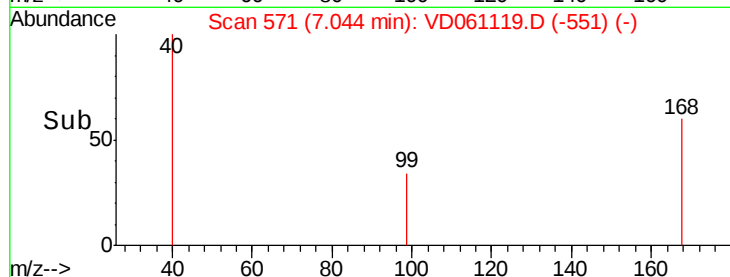
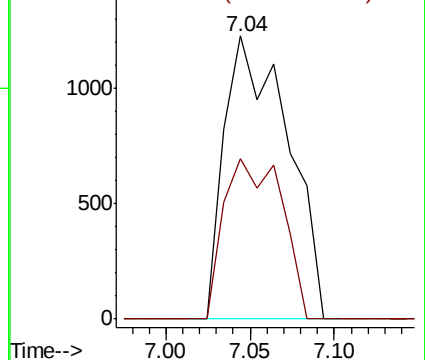
168 100

99 56.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD061119.D

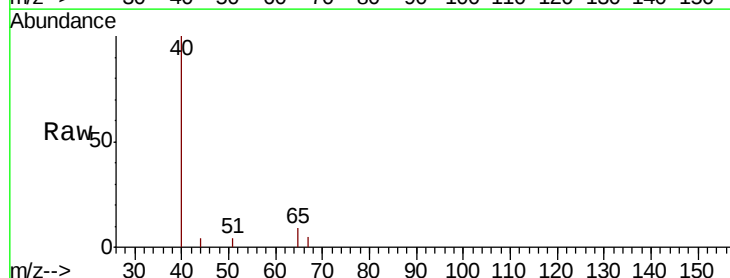
Acq: 16 Mar 2019 19:45

Tgt Ion: 65 Resp: 2532

Ion Ratio Lower Upper

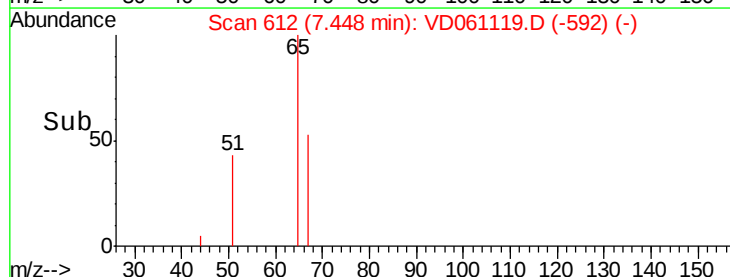
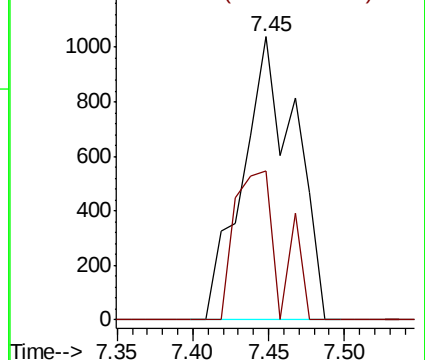
65 100

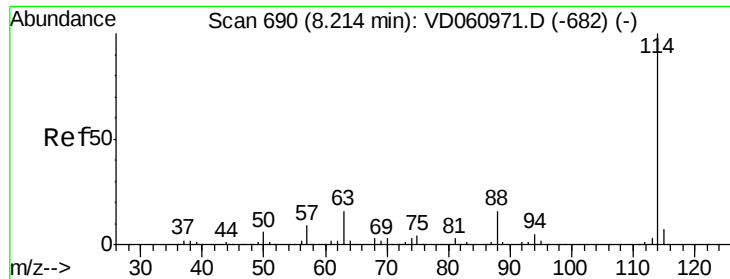
67 52.6 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

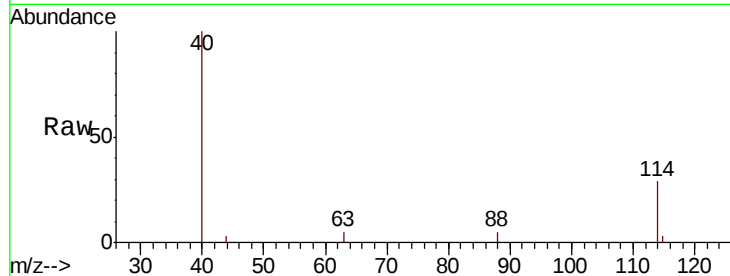
Ion 66.90 (66.60 to 67.60): VDC



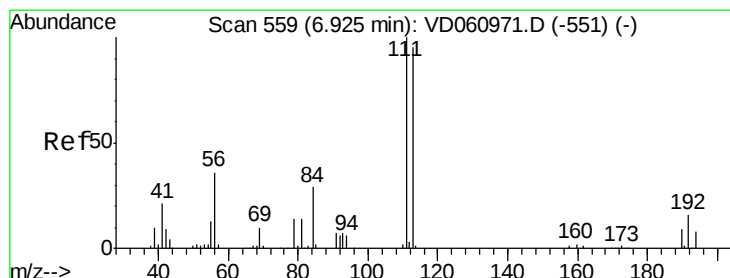
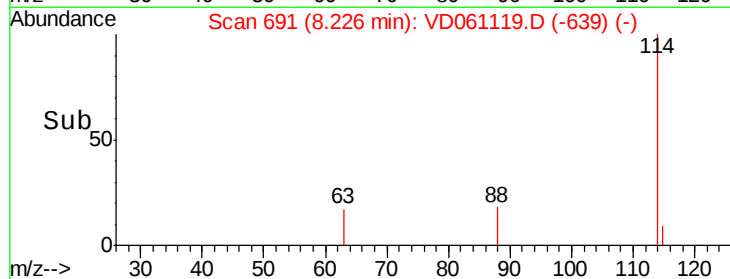
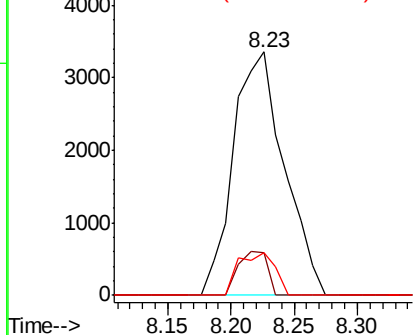


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061119.D
 Acq: 16 Mar 2019 19:45

Tgt Ion:114 Resp: 9389
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 31.4
 88 17.5 0.0 33.0

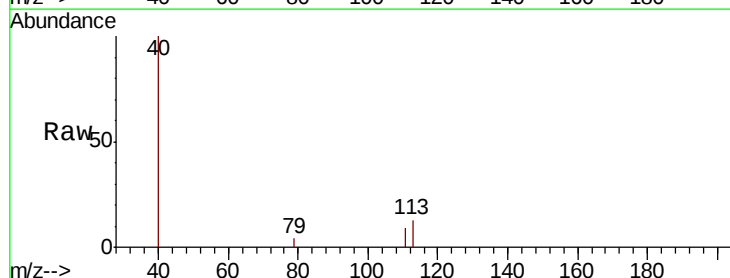


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

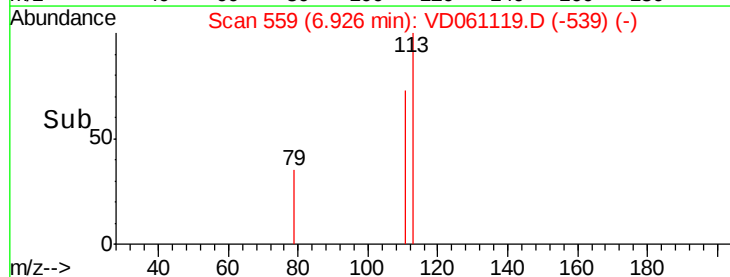
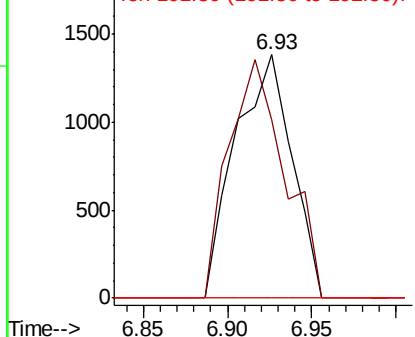


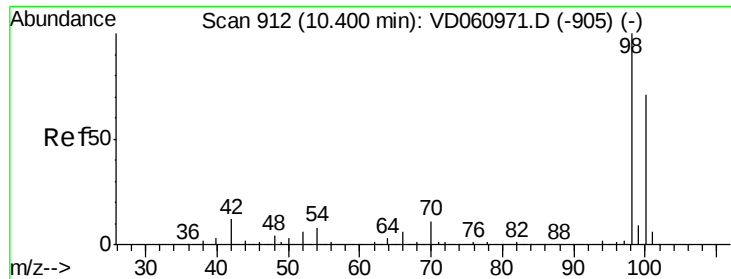
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061119.D
 Acq: 16 Mar 2019 19:45

Tgt Ion:113 Resp: 3219
 Ion Ratio Lower Upper
 113 100
 111 73.2 84.2 126.4#
 192 0.0 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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061119.D

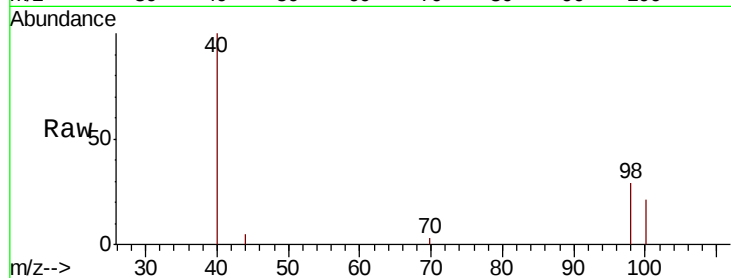
Acq: 16 Mar 2019 19:45

Tgt Ion: 98 Resp: 7519

Ion Ratio Lower Upper

98 100

100 71.7 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.41

4000

3000

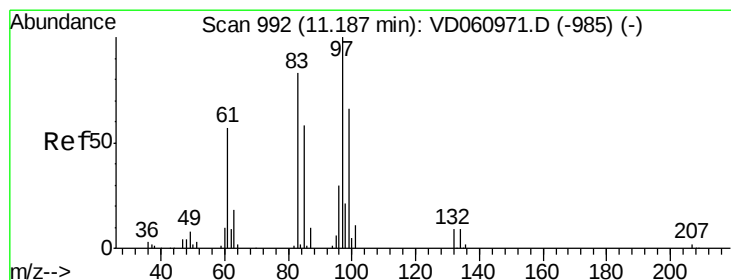
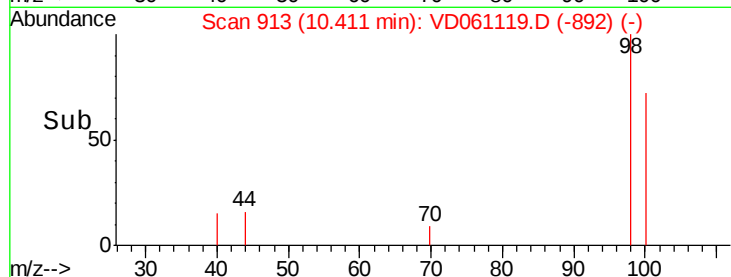
2000

1000

0

Time-->

10.35 10.40 10.45



#55

1,1,2-Trichloroethane

Concen: 4.704 ug/l

RT: 11.24 min Scan# 997

Delta R.T. 0.05 min

Lab File: VD061119.D

Acq: 16 Mar 2019 19:45

Tgt Ion: 97 Resp: 197

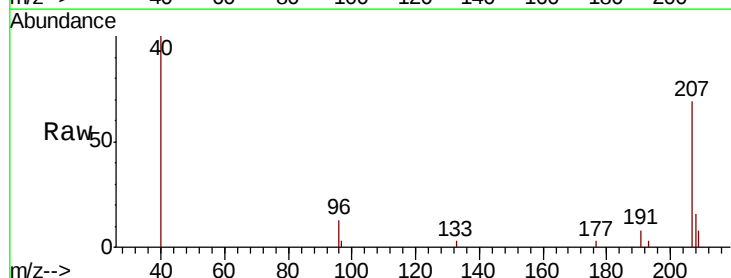
Ion Ratio Lower Upper

97 100

83 0.0 66.6 100.0#

85 0.0 46.4 69.6#

99 0.0 52.4 78.6#



Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC

500

400

300

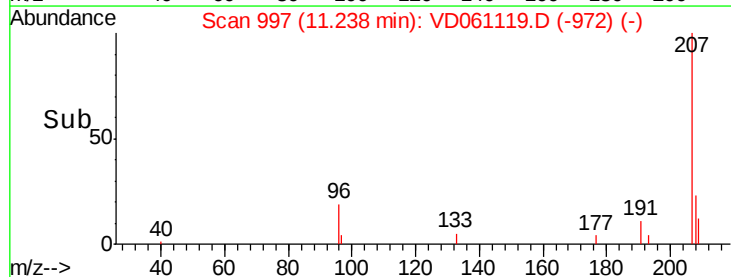
200

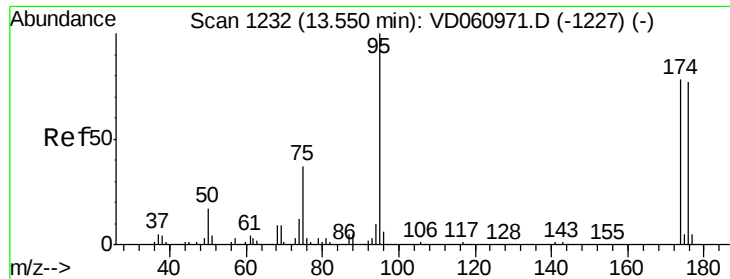
100

0

Time-->

11.20 11.22 11.24 11.26





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061119.D

Acq: 16 Mar 2019 19:45

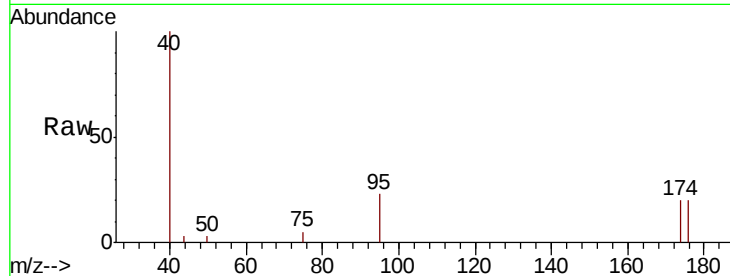
Tgt Ion: 95 Resp: 3652

Ion Ratio Lower Upper

95 100

174 89.4 0.0 155.6

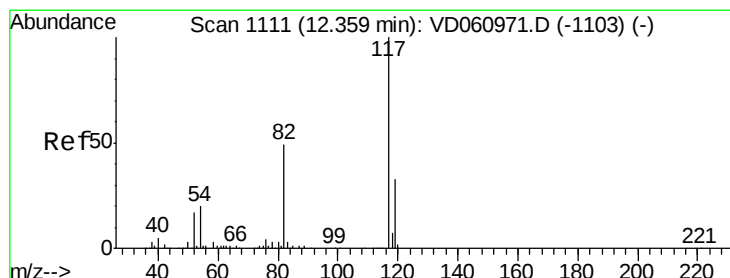
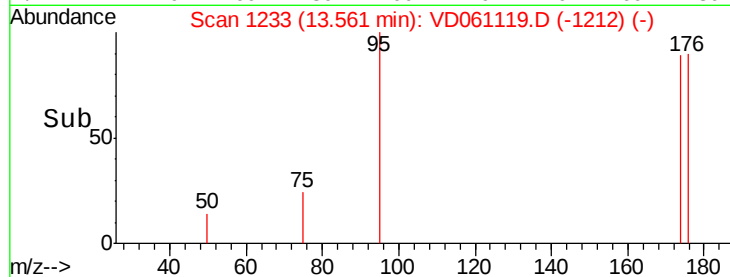
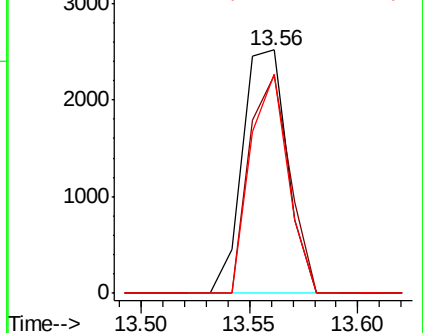
176 90.1 0.0 153.8



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD061119.D

Acq: 16 Mar 2019 19:45

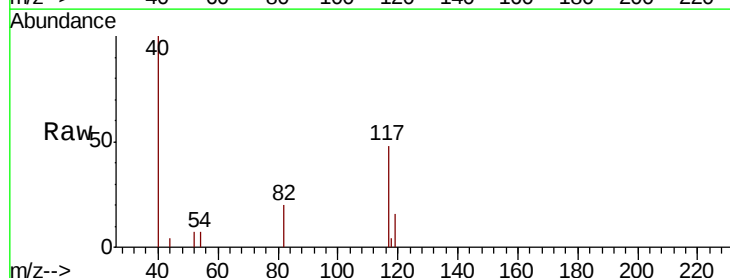
Tgt Ion: 117 Resp: 8831

Ion Ratio Lower Upper

117 100

82 41.1 38.9 58.3

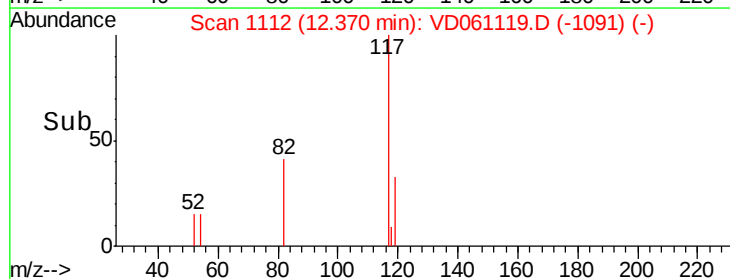
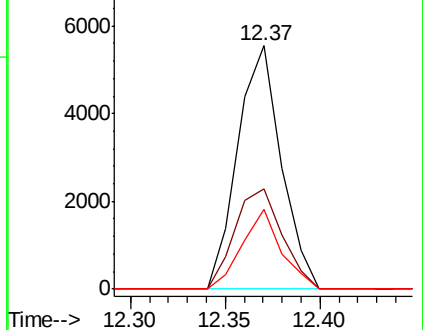
119 32.7 26.6 39.8

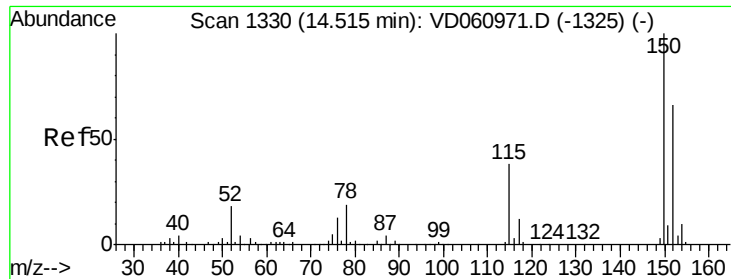


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

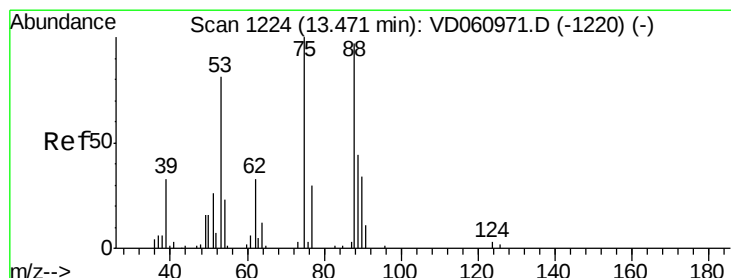
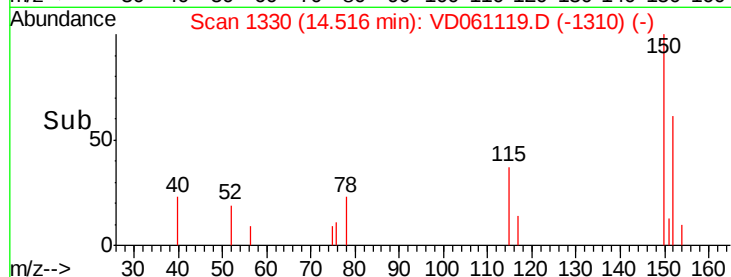
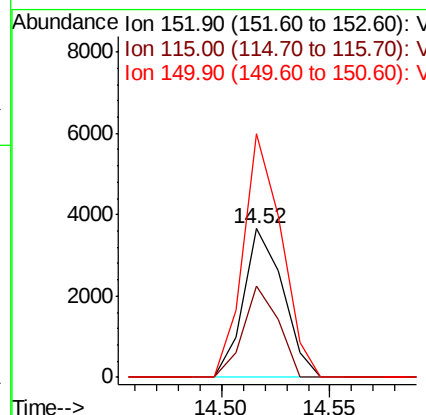
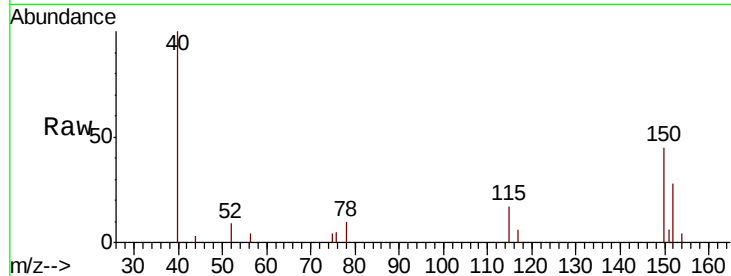
Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD061119.D
 Acq: 16 Mar 2019 19:45

Tgt Ion: 152 Resp: 4660
 Ion Ratio Lower Upper
 152 100
 115 61.4 28.6 85.9
 150 163.9 0.0 310.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.962 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.08 min
 Lab File: VD061119.D
 Acq: 16 Mar 2019 19:45

Tgt Ion: 75 Resp: 948
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 34.8 52.2#

