

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061232.D
 Acq On : 21 Mar 2019 4:12
 Operator : VA/AP
 Sample : K1688-31
 Misc : 7.09g/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 22 02:07:37 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

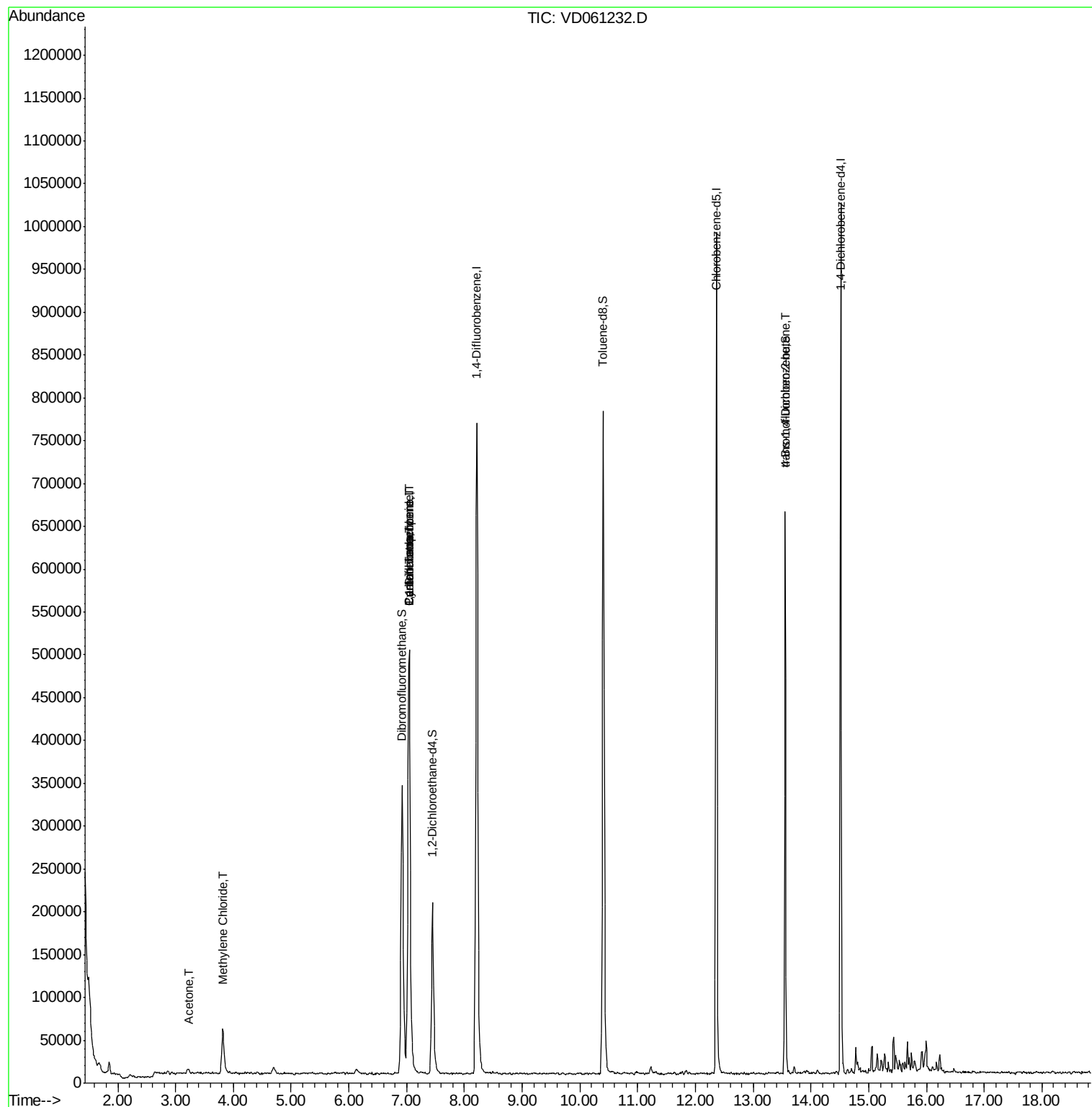
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	529943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	932168	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	654535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	227797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	193322	43.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.66%	
35) Dibromofluoromethane	6.92	113	337898	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
50) Toluene-d8	10.40	98	698864	40.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.46%	
62) 4-Bromofluorobenzene	13.55	95	213697	31.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.40%	
Target Compounds						
					Qvalue	
16) Acetone	3.22	43	10527	8.345	ug/l	90
20) Methylene Chloride	3.81	84	41795	2.871	ug/l	92
31) Cyclohexane	7.03	56	8119	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	38030	4.733	ug/l #	45
38) Carbon Tetrachloride	7.04	117	50750	5.734	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	76243	78.910	ug/l #	17

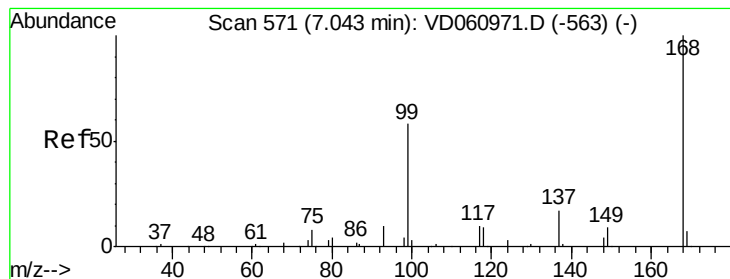
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061232.D

Acq: 21 Mar 2019 4:12

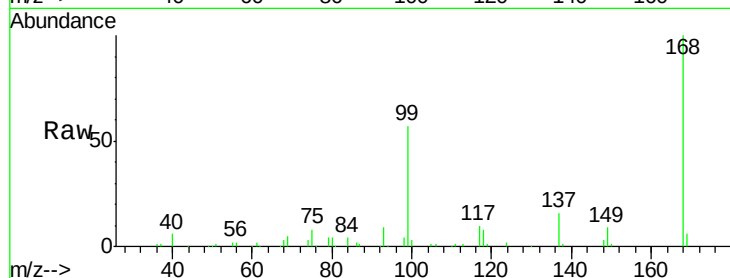
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 529943

Ion Ratio Lower Upper

168 100

99 56.6 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

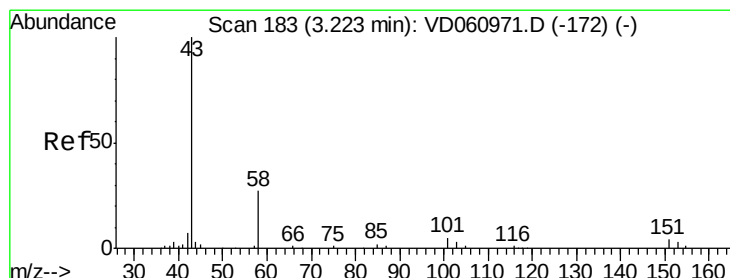
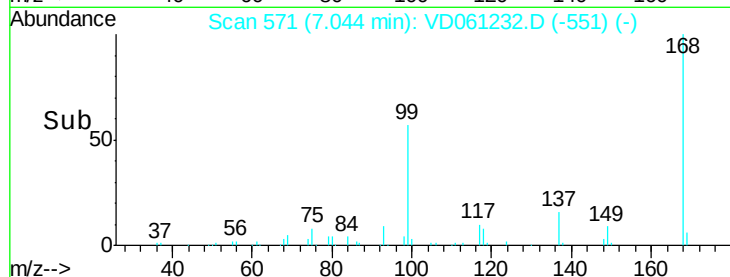
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 8.345 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061232.D

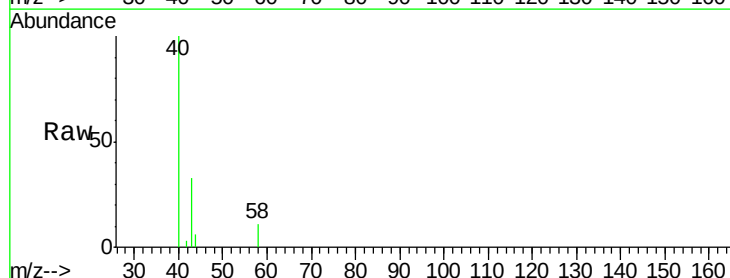
Acq: 21 Mar 2019 4:12

Tgt Ion: 43 Resp: 10527

Ion Ratio Lower Upper

43 100

58 32.0 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

4000

3000

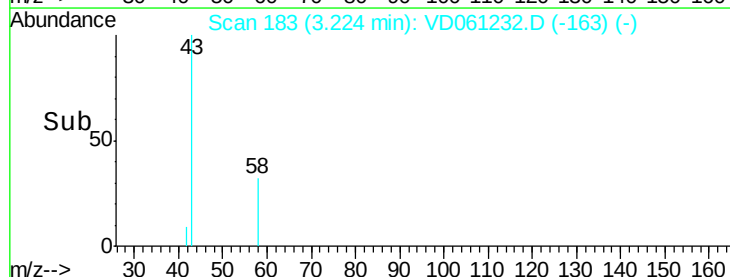
2000

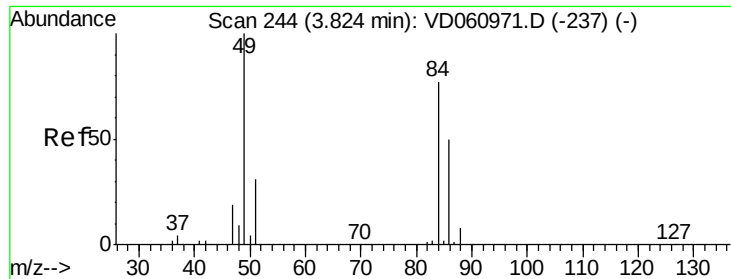
1000

0

3.10 3.20 3.30

Time-->

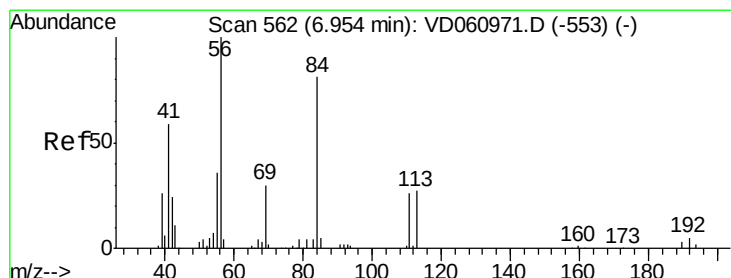
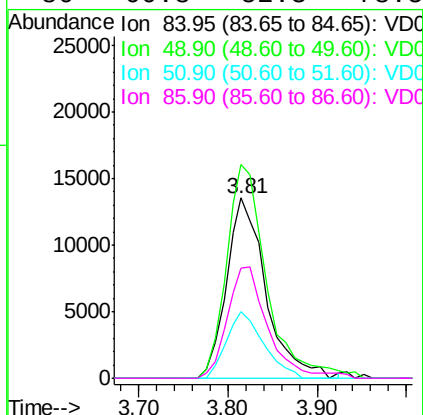
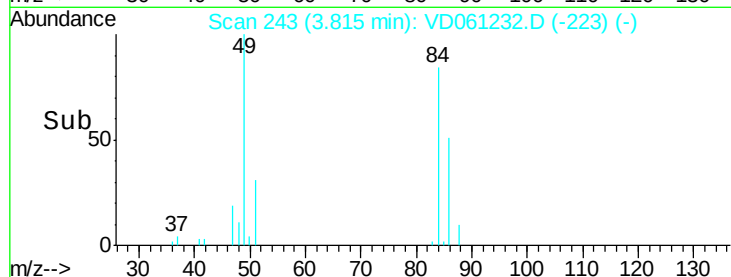
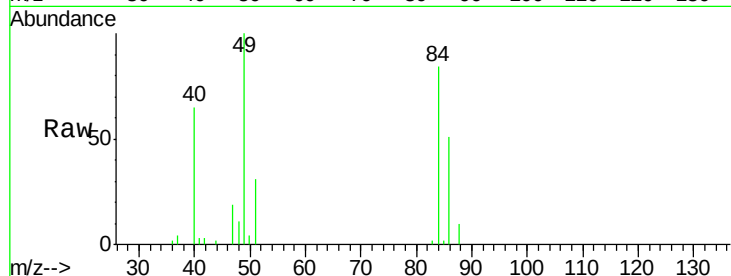




#20
Methylene Chloride
Concen: 2.871 ug/l
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD061232.D
Acq: 21 Mar 2019 4:12

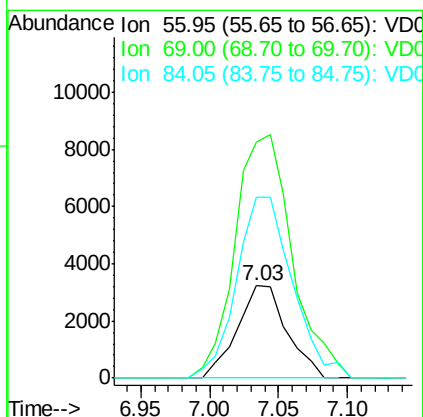
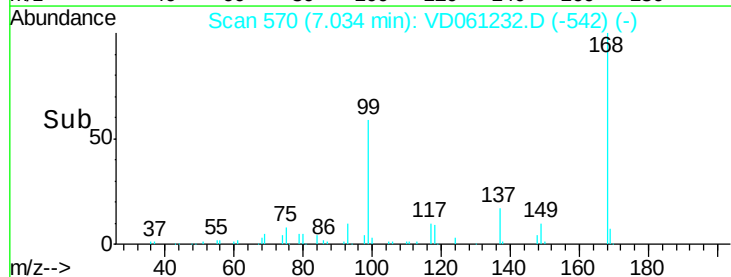
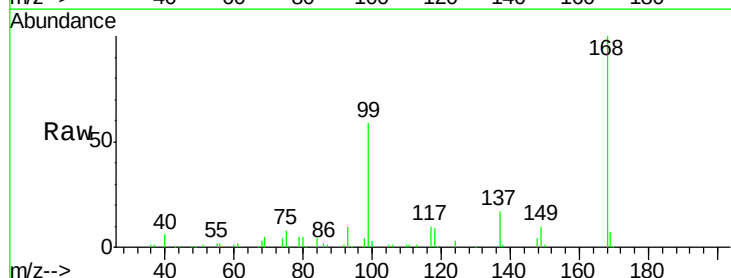
Instrument :
MSVOA_D
ClientSampled :

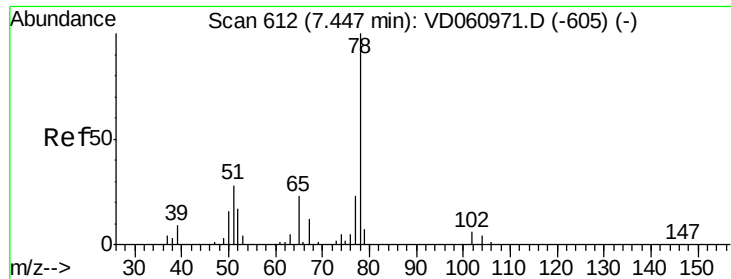
Tot Ion:	84	Resp:	41795
Ion	Ratio	Lower	Upper
84	100		
49	118.6	104.2	156.2
51	36.7	32.3	48.5
86	60.8	52.3	78.5



#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.08 min
Lab File: VD061232.D
Acq: 21 Mar 2019 4:12

Tgt Ion:	56	Resp:	8119
Ion	Ratio	Lower	Upper
56	100		
69	256.2	24.0	36.0#
84	196.8	65.8	98.6#

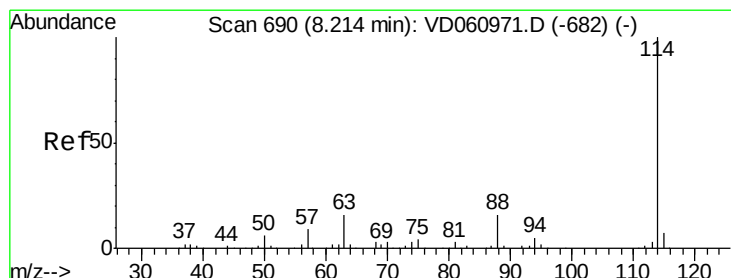
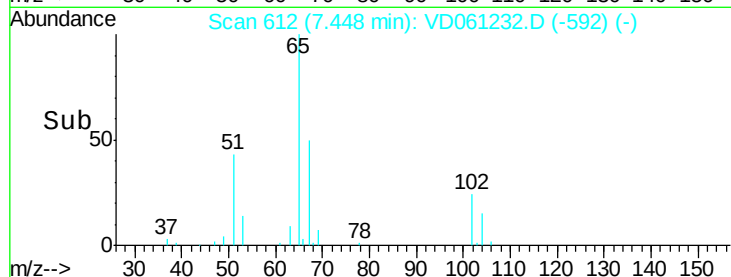
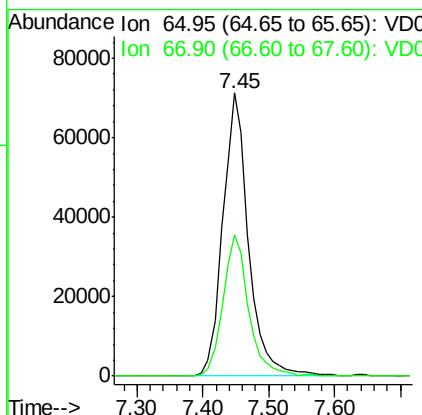
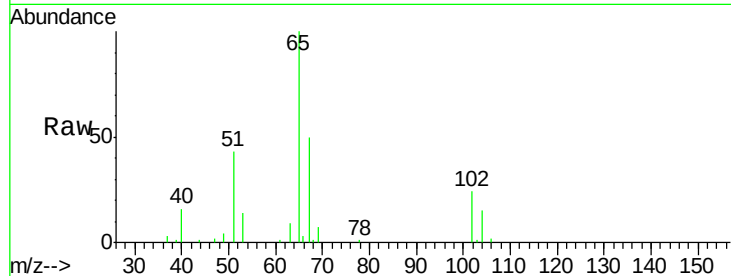




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VD061232.D
 Acq: 21 Mar 2019 4:12

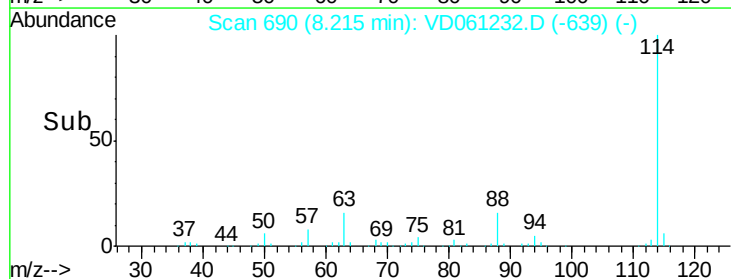
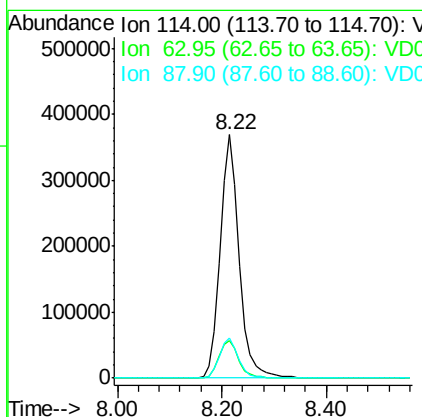
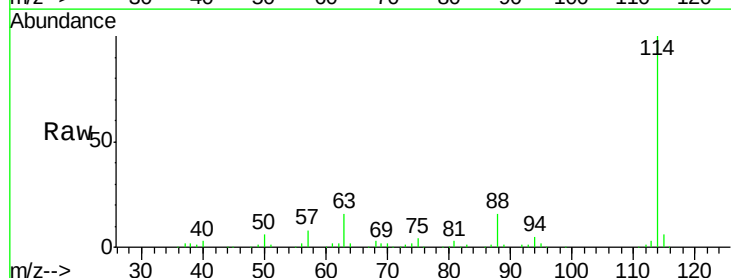
Instrument :
 MSVOA_D
 ClientSampleId :

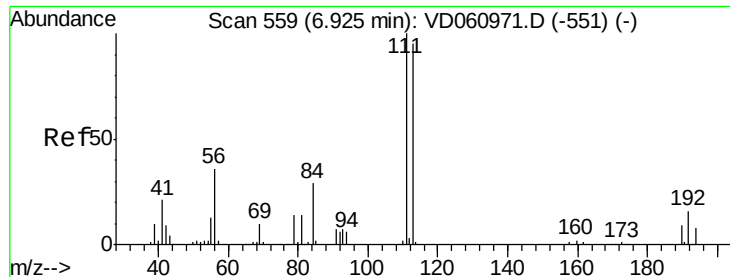
Tot Ion: 65 Resp: 193322
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061232.D
 Acq: 21 Mar 2019 4:12

Tgt Ion: 114 Resp: 932168
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.4
 88 16.3 0.0 33.0

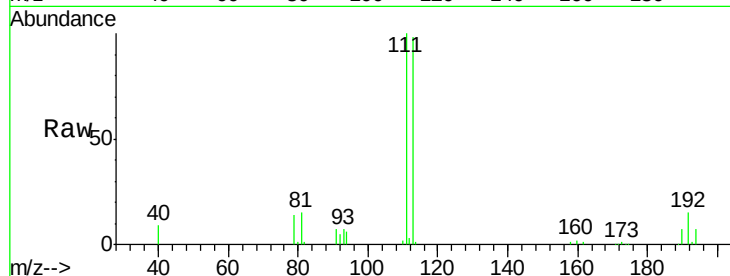




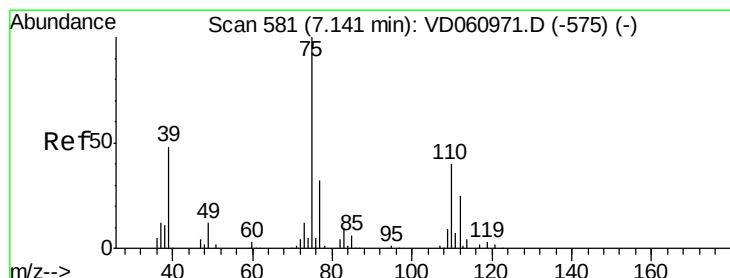
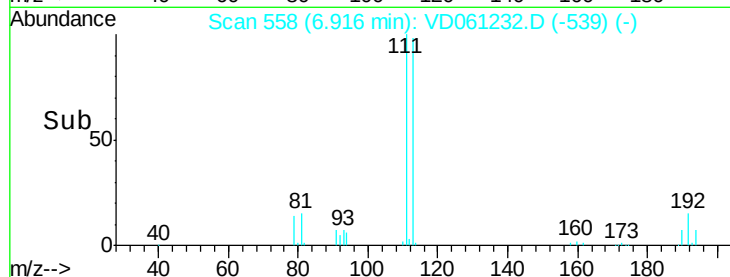
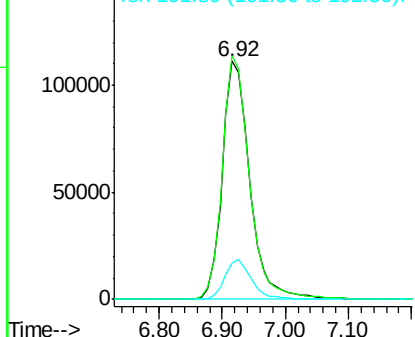
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061232.D
 Acq: 21 Mar 2019 4:12

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:113 Resp: 337898
 Ion Ratio Lower Upper
 113 100
 111 102.2 84.2 126.4
 192 15.4 13.1 19.7

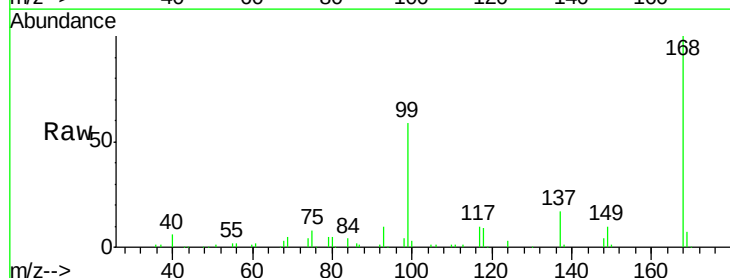


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

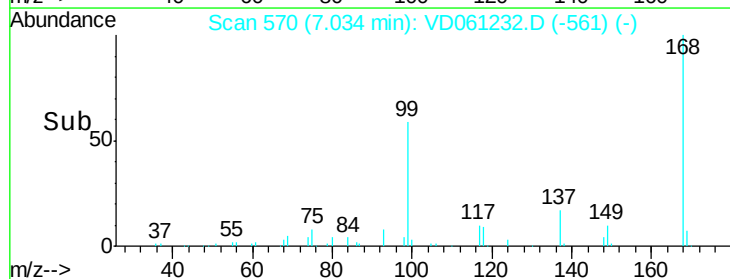
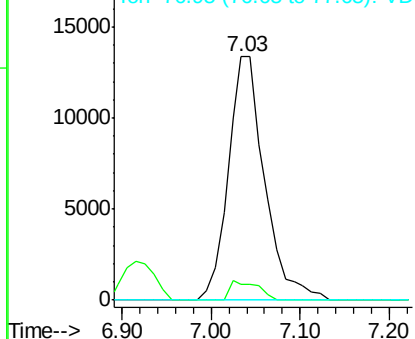


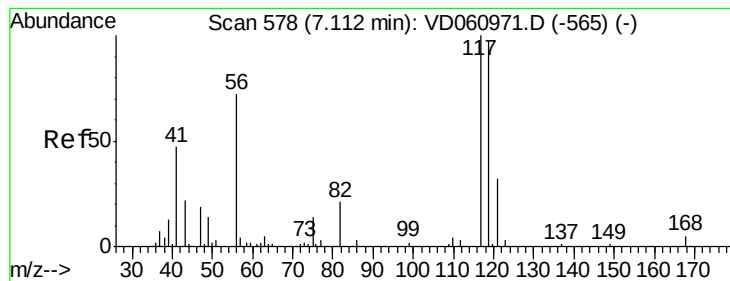
#36
 1,1-Dichloropropene
 Concen: 4.733 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.11 min
 Lab File: VD061232.D
 Acq: 21 Mar 2019 4:12

Tgt Ion: 75 Resp: 38030
 Ion Ratio Lower Upper
 75 100
 110 6.5 19.7 59.1#
 77 0.0 24.7 37.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 5.734 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD061232.D

Acq: 21 Mar 2019 4:12

Instrument :
MSVOA_D
ClientSampleId :

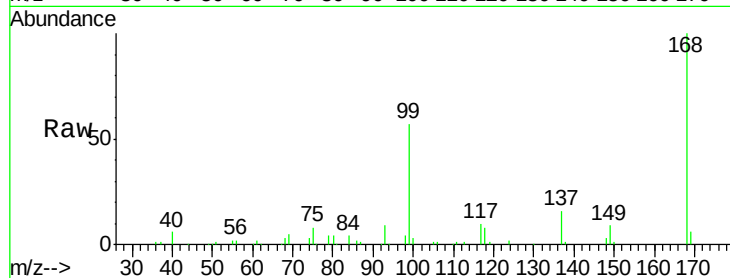
Tot Ion:117 Resp: 50750

Ion Ratio Lower Upper

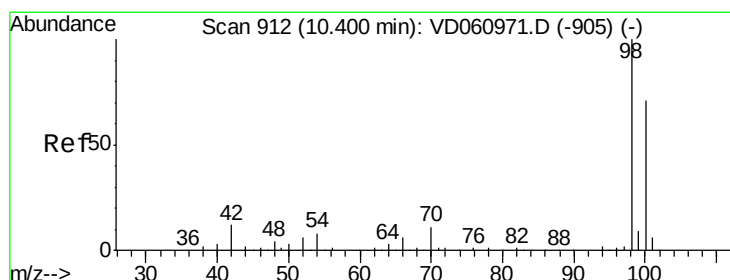
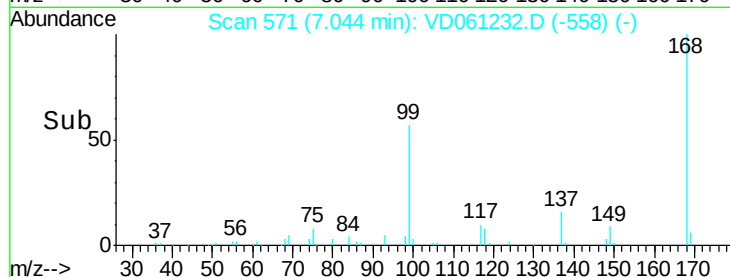
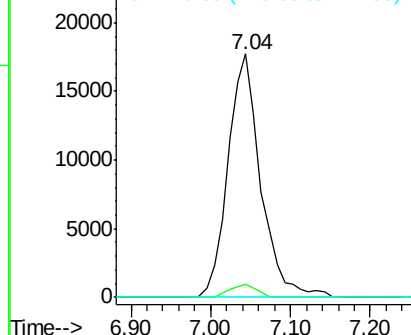
117 100

119 5.3 77.8 116.8#

121 0.0 25.3 37.9#



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061232.D

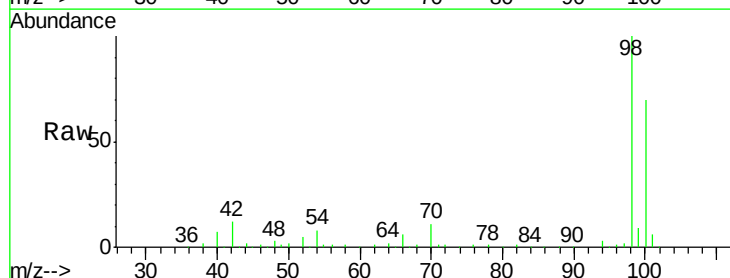
Acq: 21 Mar 2019 4:12

Tgt Ion: 98 Resp: 698864

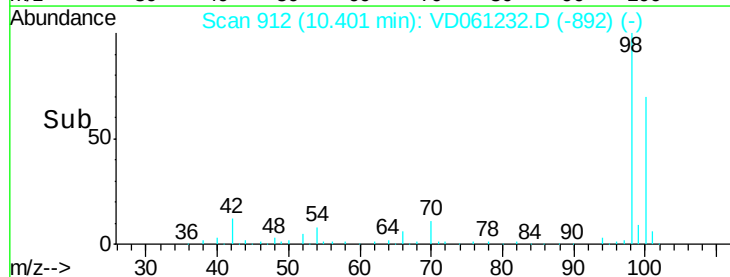
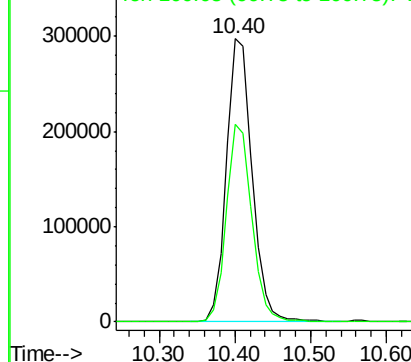
Ion Ratio Lower Upper

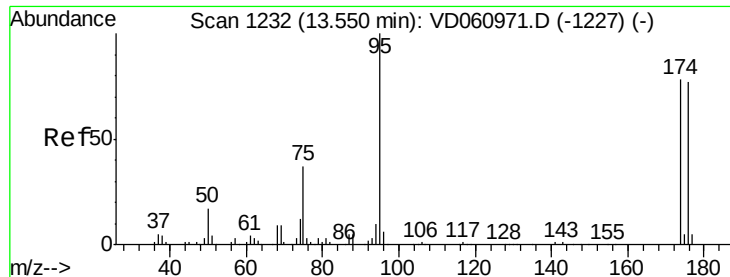
98 100

100 69.7 57.4 86.2



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061232.D

Acq: 21 Mar 2019 4:12

Instrument :

MSVOA_D

ClientSampleId :

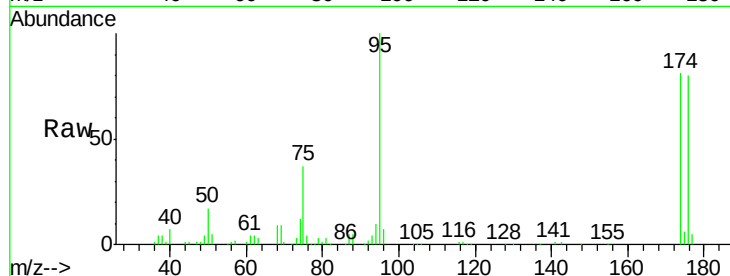
Tot Ion: 95 Resp: 213697

Ion Ratio Lower Upper

95 100

174 81.2 0.0 155.6

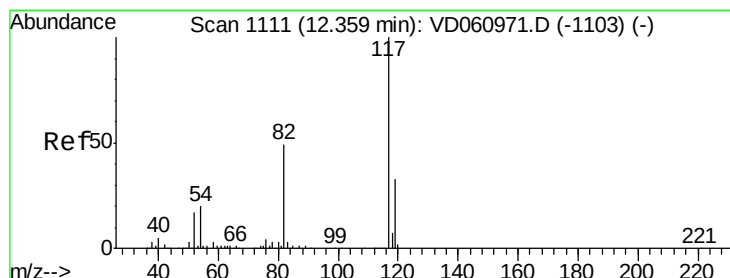
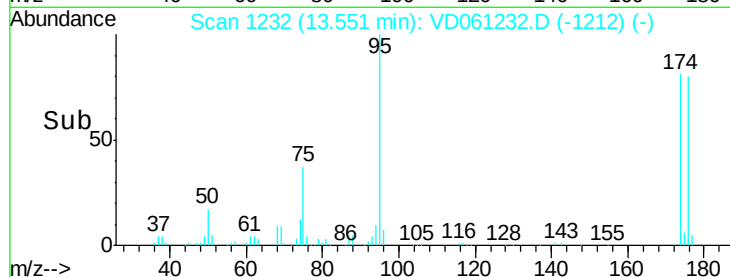
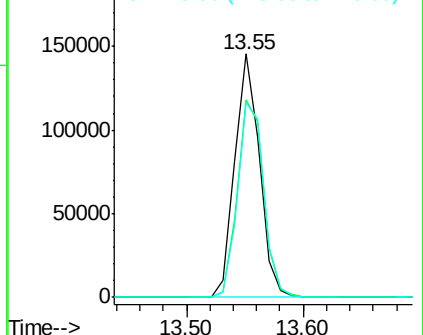
176 79.8 0.0 153.8



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: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD061232.D

Acq: 21 Mar 2019 4:12

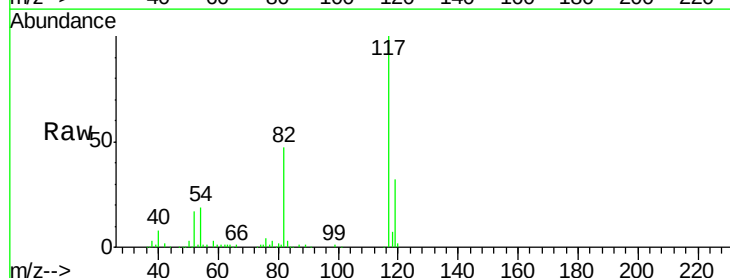
Tgt Ion: 117 Resp: 654535

Ion Ratio Lower Upper

117 100

82 47.5 38.9 58.3

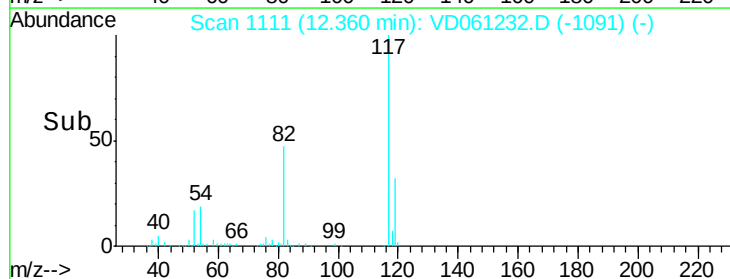
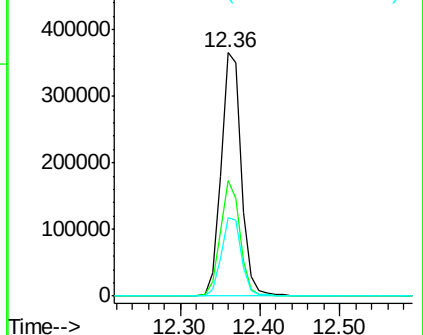
119 32.1 26.6 39.8

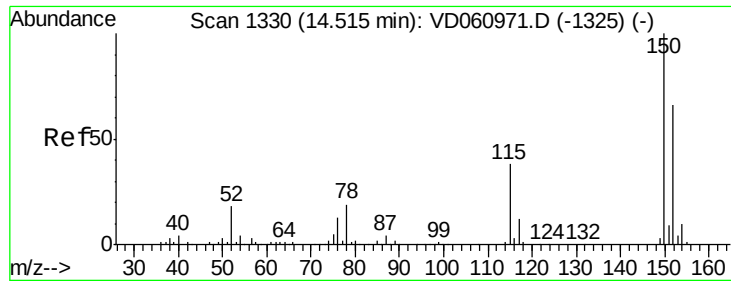


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD061232.D

Acq: 21 Mar 2019 4:12

Instrument :

MSVOA_D

ClientSampleId :

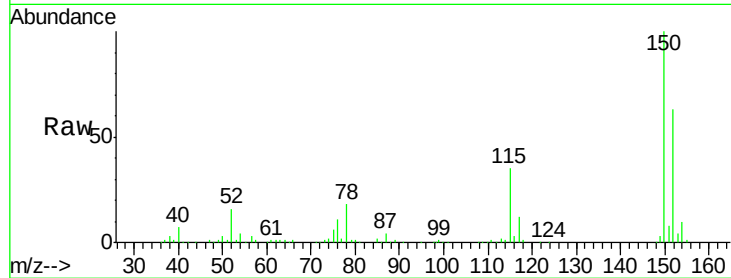
Tot Ion:152 Resp: 227797

Ion Ratio Lower Upper

152 100

115 55.2 28.6 85.9

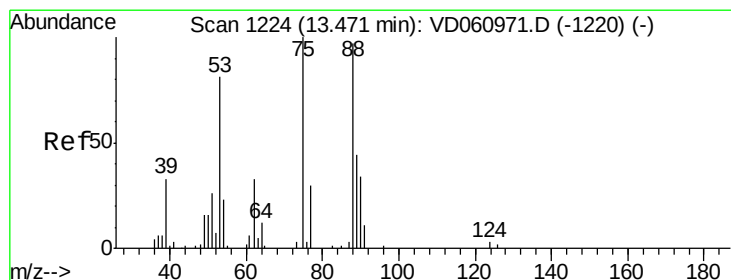
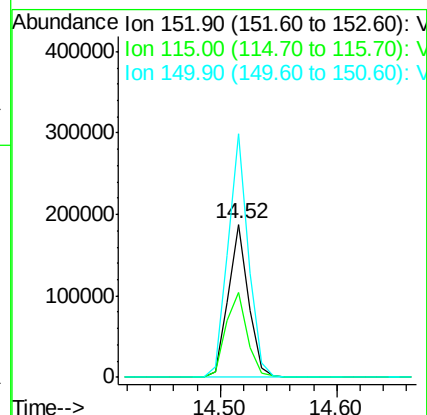
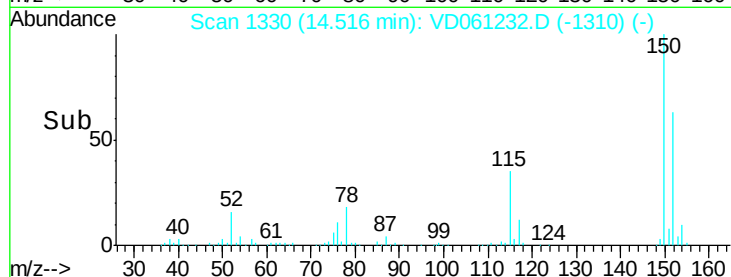
150 159.1 0.0 310.6



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



#81

trans-1,4-Dichloro-2-butene

Concen: 78.910 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061232.D

Acq: 21 Mar 2019 4:12

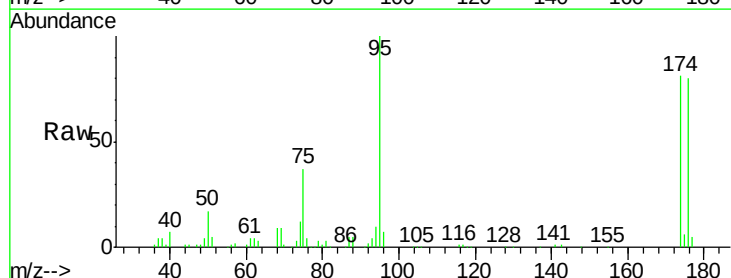
Tgt Ion: 75 Resp: 76243

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 34.8 52.2#



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

