

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081418\
 Data File : VD059772.D
 Acq On : 14 Aug 2018 17:46
 Operator : VA/AP
 Sample : J4442-51
 Misc : 6.61q/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 15 10:50:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

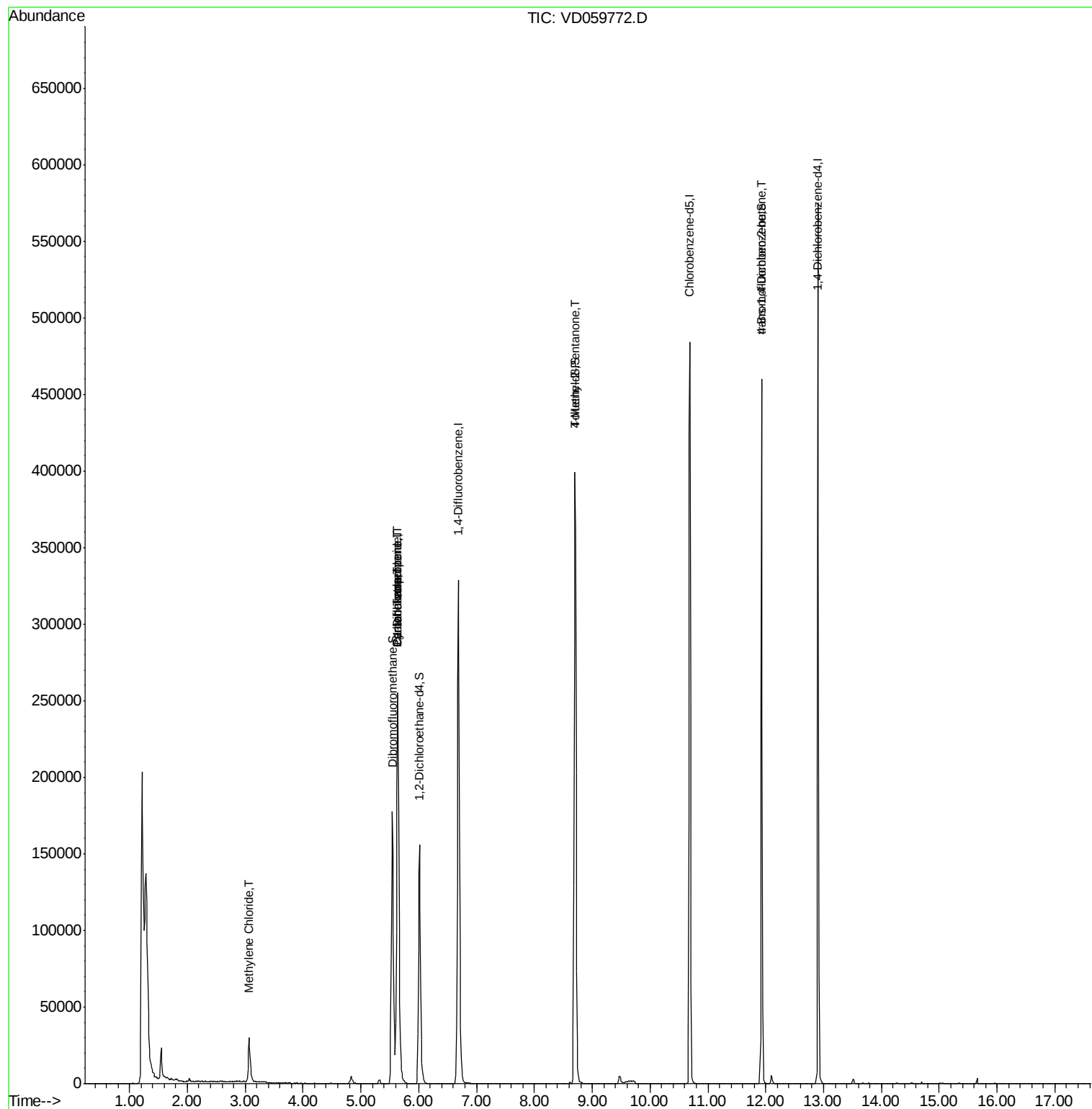
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	246049	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.68	114	327984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	257925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	115306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	161702	41.99	ug/l	0.01
Spiked Amount	50.000		Recovery	=	83.98%	
35) Dibromofluoromethane	5.54	113	142150	42.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.18%	
50) Toluene-d8	8.70	98	323550	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.93	95	116688	34.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.46%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.06	84	14072	7.748	ug/l	89
31) Cyclohexane	5.63	56	6080	2.450	ug/l #	5
36) 1,1-Dichloropropene	5.63	75	21376	5.615	ug/l #	50
38) Carbon Tetrachloride	5.63	117	23820	3.977	ug/l #	11
51) 4-Methyl-2-Pentanone	8.71	43	1781	1.095	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.93	75	58951	153.444	ug/l #	1

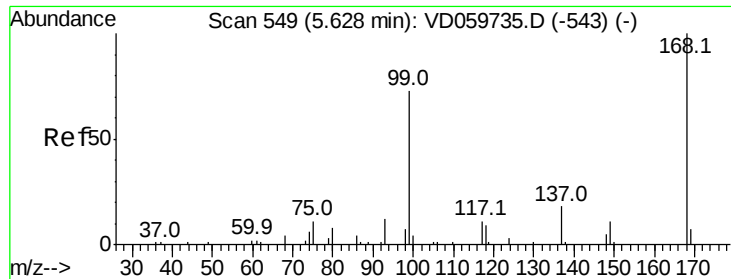
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081418\
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Quant Title : SW846 8260
QLast Update : Sat Aug 11 05:42:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD059772.D

Acq: 14 Aug 2018 17:46

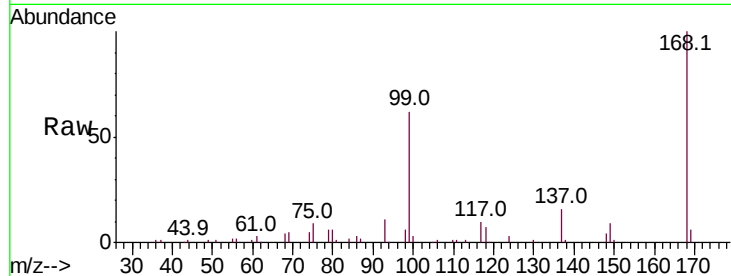
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 246049

Ion Ratio Lower Upper

168 100

99 62.4 61.4 92.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

80000

60000

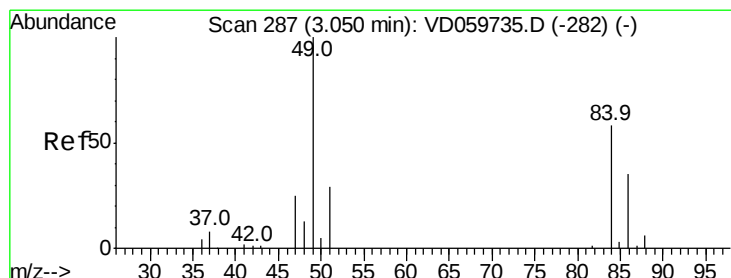
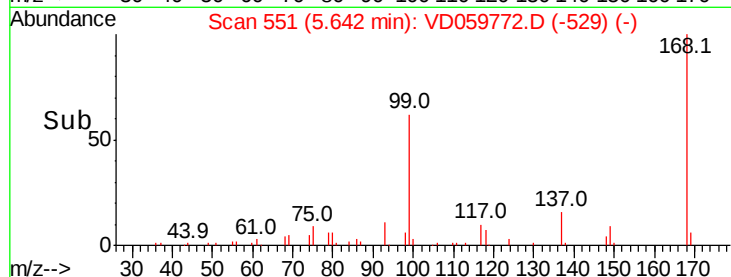
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 7.748 ug/l

RT: 3.06 min Scan# 289

Delta R.T. 0.01 min

Lab File: VD059772.D

Acq: 14 Aug 2018 17:46

Tgt Ion: 84 Resp: 14072

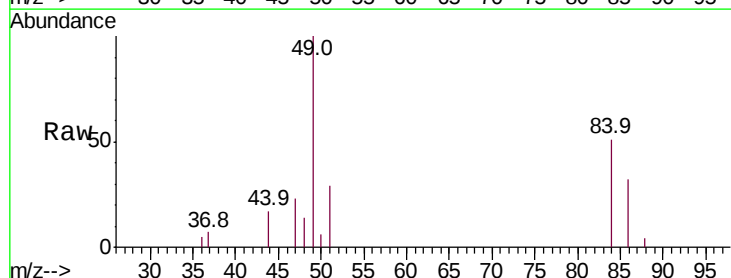
Ion Ratio Lower Upper

84 100

49 194.5 138.9 208.3

51 55.5 40.2 60.2

86 62.9 49.1 73.7



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

15000

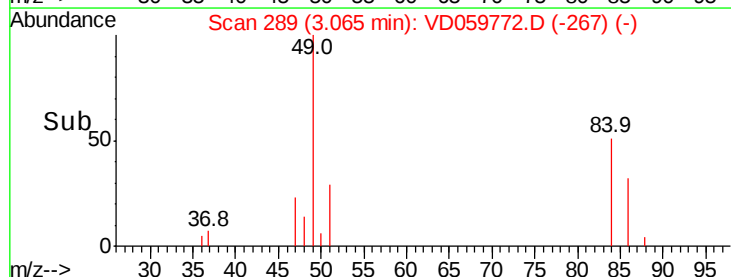
10000

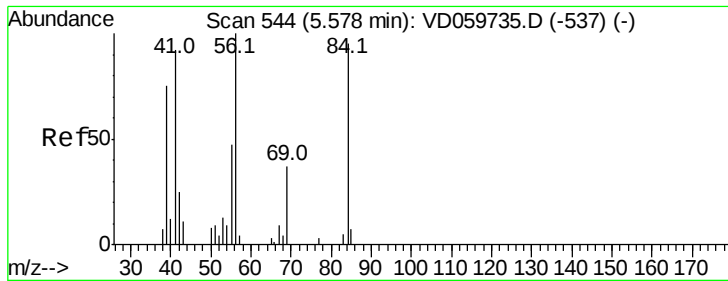
5000

0

Time-->

3.00 3.10 3.20

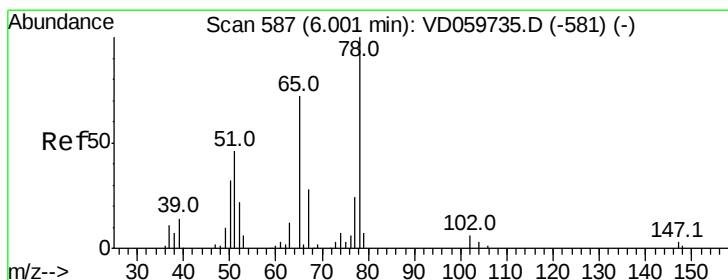
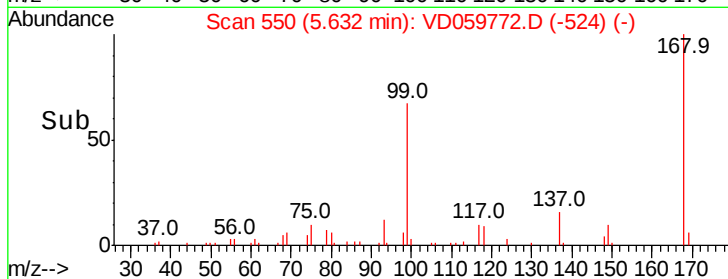
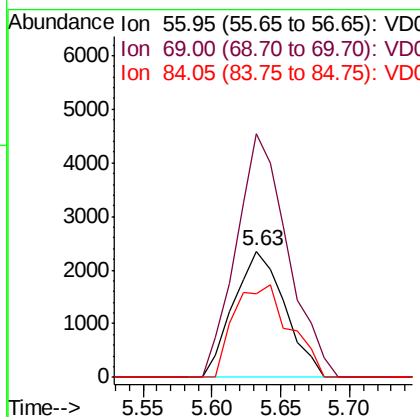
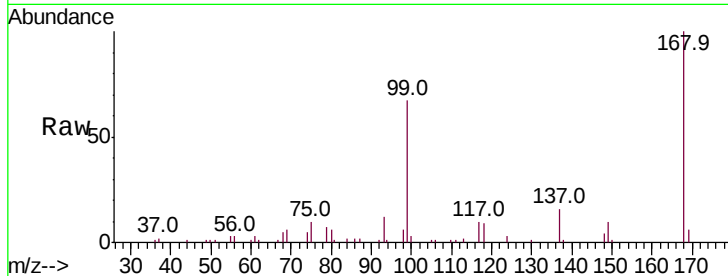




#31
Cyclohexane
Concen: 2.450 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.05 min
Lab File: VD059772.D
Acq: 14 Aug 2018 17:46

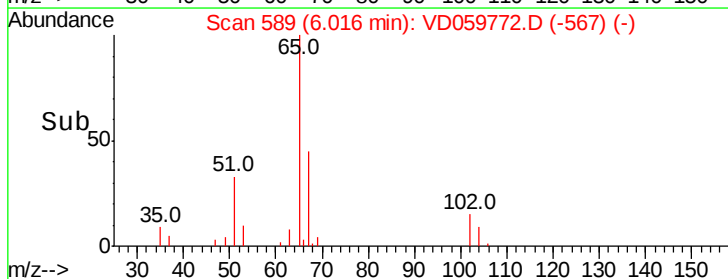
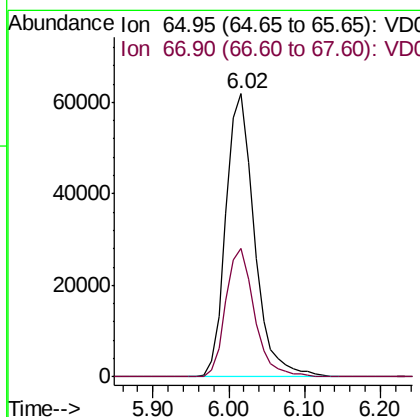
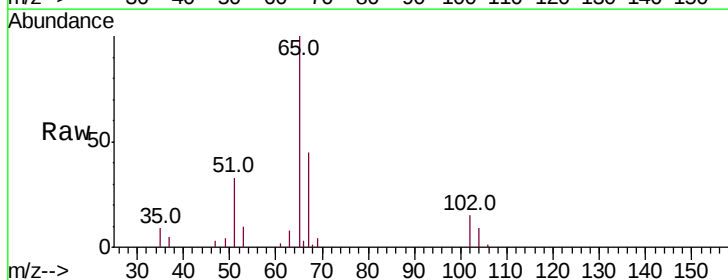
Instrument :
MSVOA_D
ClientSampleId :

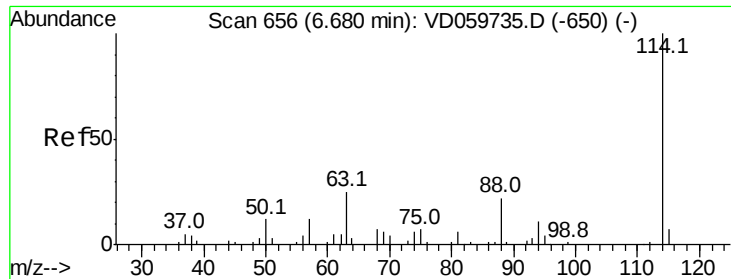
Tot Ion: 56 Resp: 6080
Ion Ratio Lower Upper
56 100
69 193.2 29.3 43.9#
84 66.0 76.2 114.2#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 589
Delta R.T. 0.01 min
Lab File: VD059772.D
Acq: 14 Aug 2018 17:46

Tgt Ion: 65 Resp: 161702
Ion Ratio Lower Upper
65 100
67 45.4 0.0 77.4

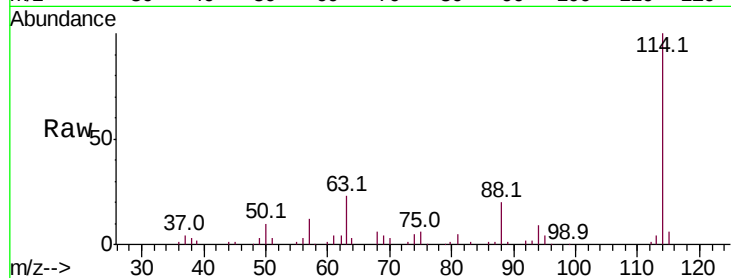




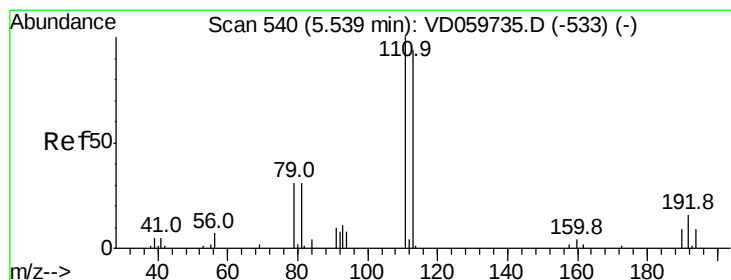
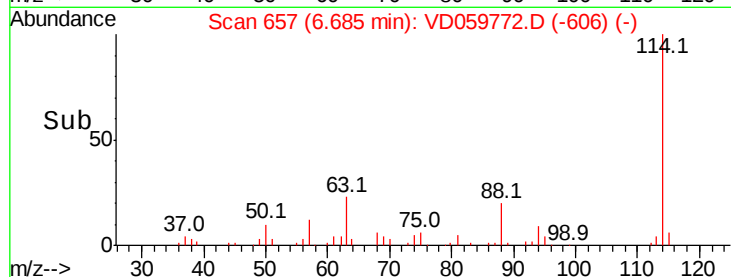
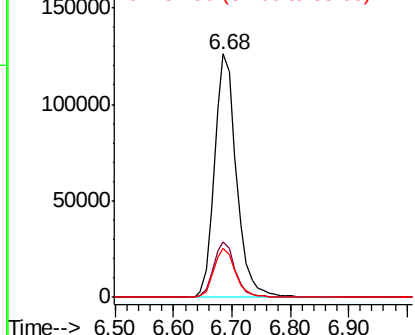
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VD059772.D
 Acq: 14 Aug 2018 17:46

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 327984
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 50.6
 88 20.0 0.0 43.4

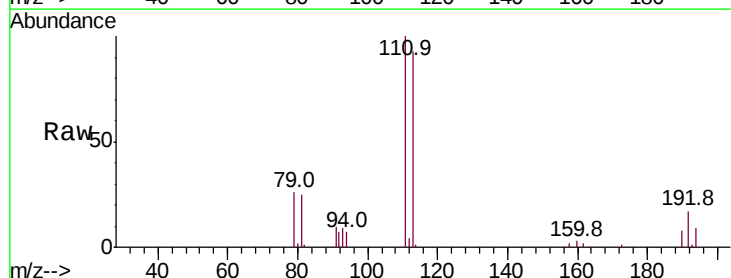


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

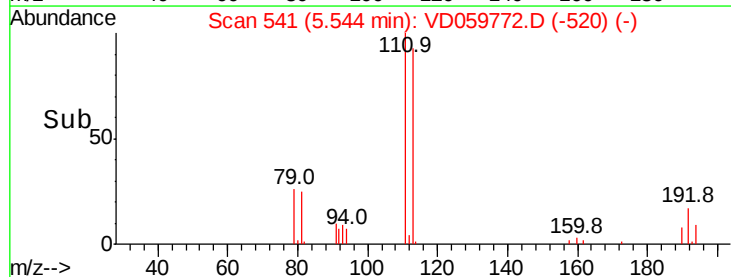
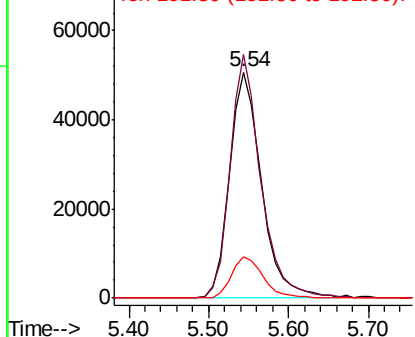


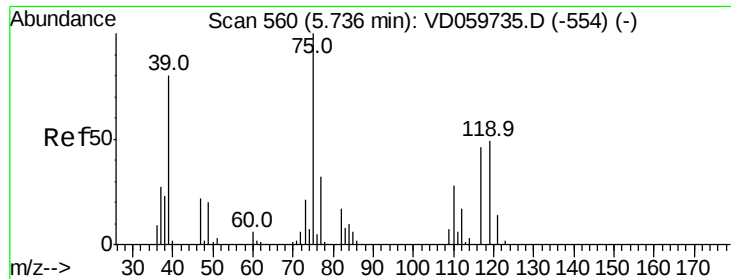
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: VD059772.D
 Acq: 14 Aug 2018 17:46

Tgt Ion:113 Resp: 142150
 Ion Ratio Lower Upper
 113 100
 111 107.8 85.3 127.9
 192 18.2 13.9 20.9



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

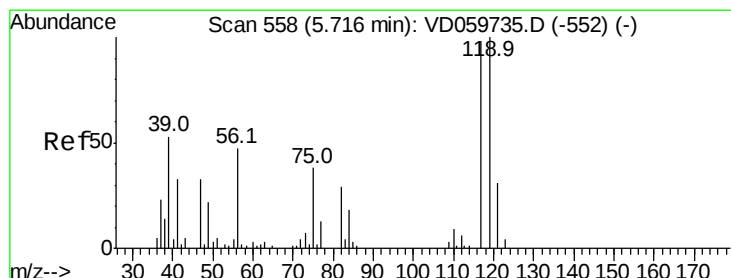
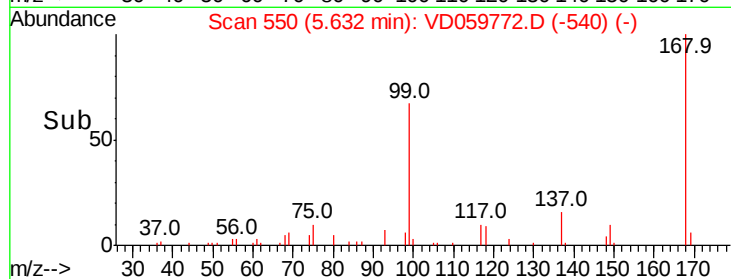
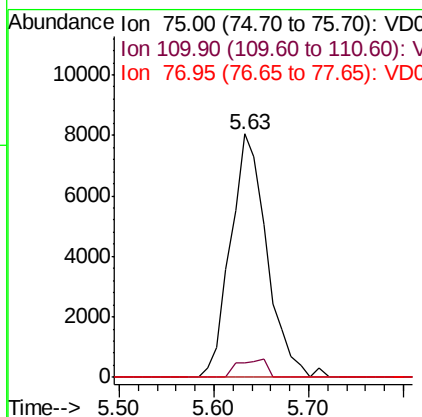
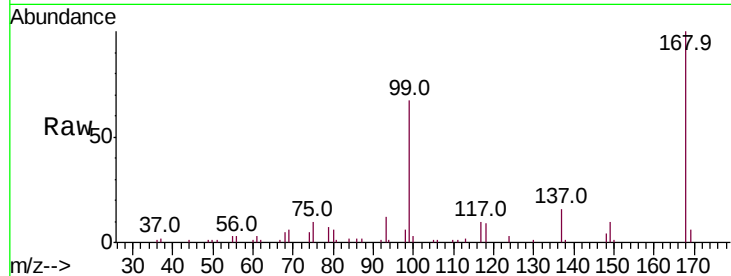




#36
 1,1-Dichloropropene
 Concen: 5.615 ug/l
 RT: 5.63 min Scan# 550
 Delta R.T. -0.10 min
 Lab File: VD059772.D
 Acq: 14 Aug 2018 17:46

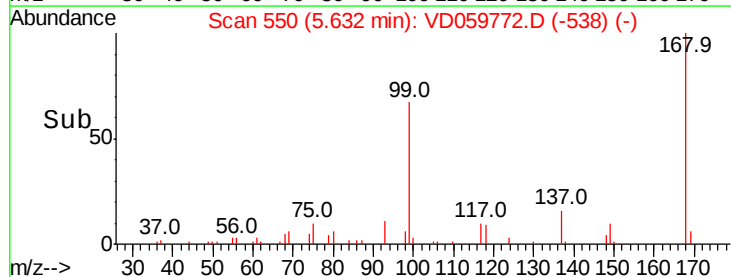
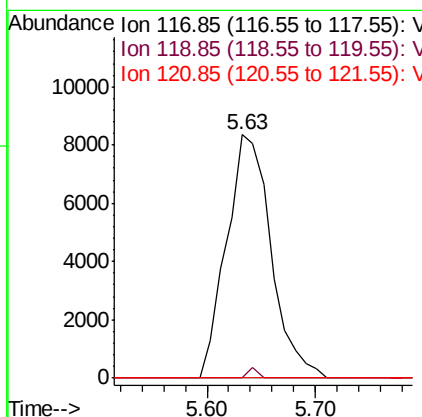
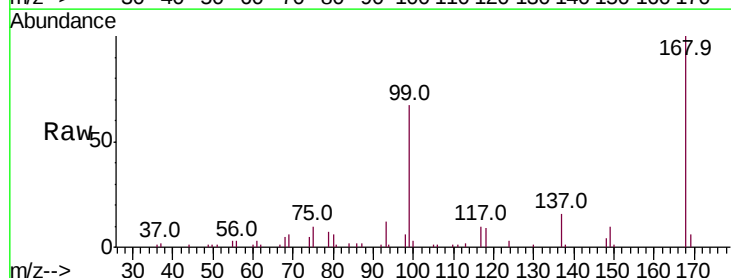
Instrument :
 MSVOA_D
 ClientSampleId :

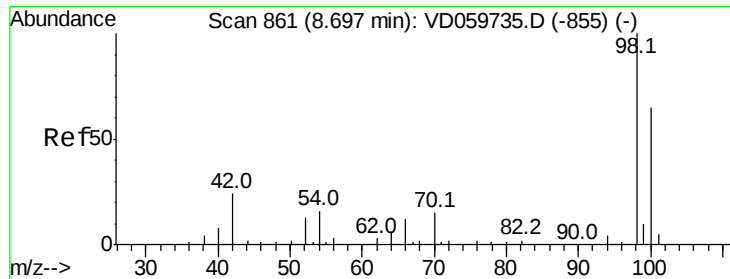
Tot Ion: 75 Resp: 21376
 Ion Ratio Lower Upper
 75 100
 110 6.0 13.7 41.0#
 77 0.0 25.4 38.2#



#38
 Carbon Tetrachloride
 Concen: 3.977 ug/l
 RT: 5.63 min Scan# 550
 Delta R.T. -0.08 min
 Lab File: VD059772.D
 Acq: 14 Aug 2018 17:46

Tgt Ion: 117 Resp: 23820
 Ion Ratio Lower Upper
 117 100
 119 0.0 78.2 117.2#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 862

Delta R.T. 0.00 min

Lab File: VD059772.D

Acq: 14 Aug 2018 17:46

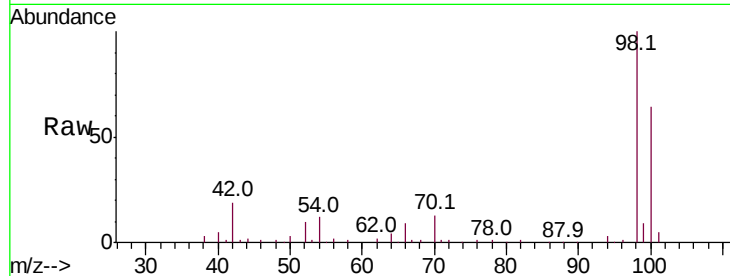
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 323550

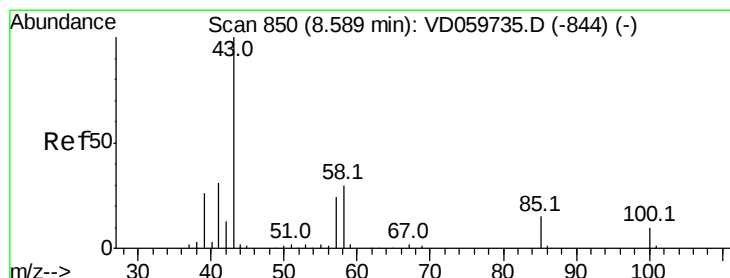
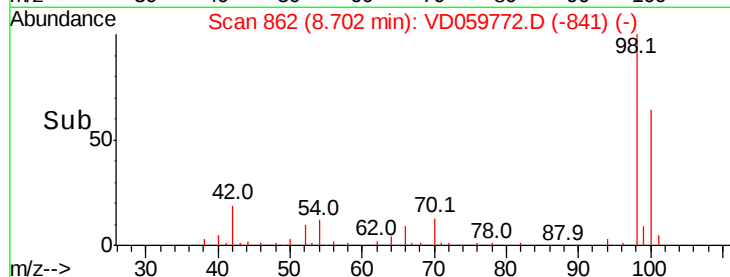
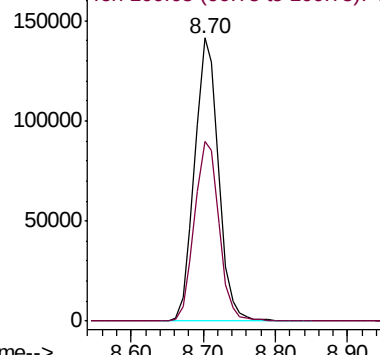
Ion Ratio Lower Upper

98 100

100 63.6 52.2 78.2



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



#51

4-Methyl-2-Pentanone

Concen: 1.095 ug/l

RT: 8.71 min Scan# 863

Delta R.T. 0.12 min

Lab File: VD059772.D

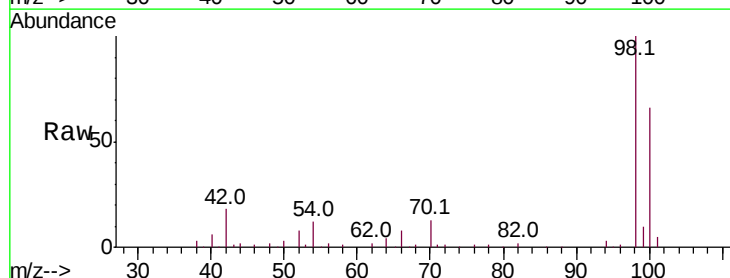
Acq: 14 Aug 2018 17:46

Tgt Ion: 43 Resp: 1781

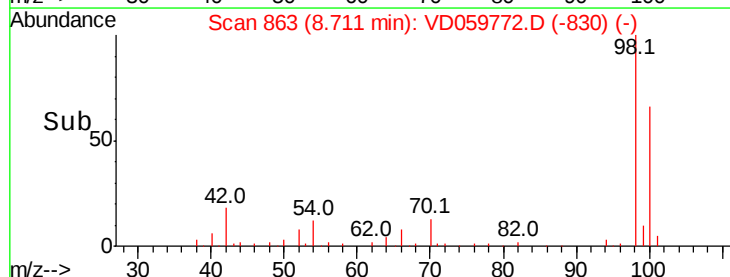
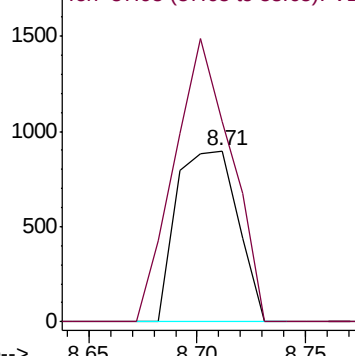
Ion Ratio Lower Upper

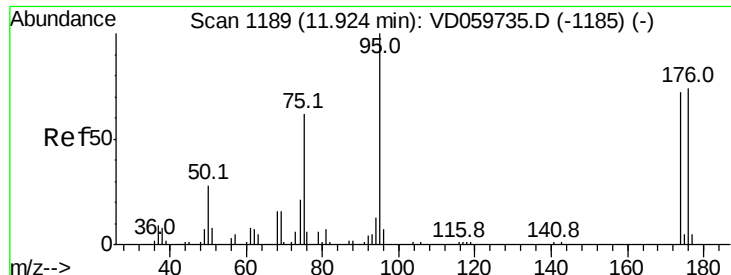
43 100

58 117.0 24.3 36.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

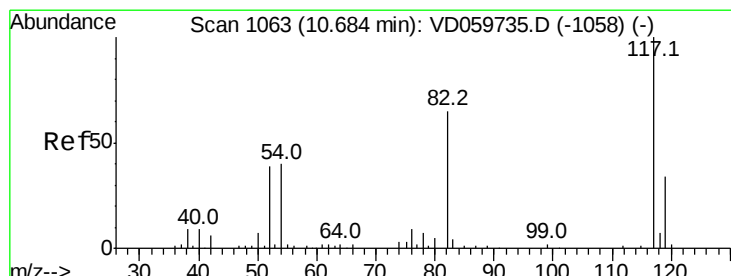
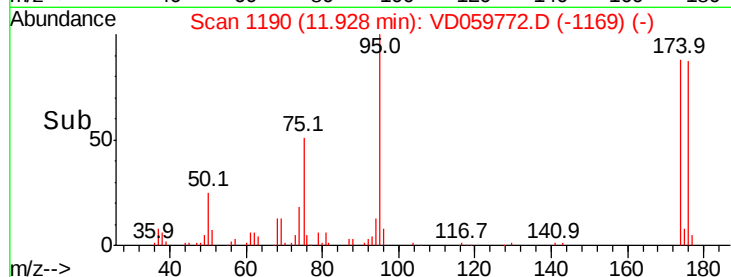
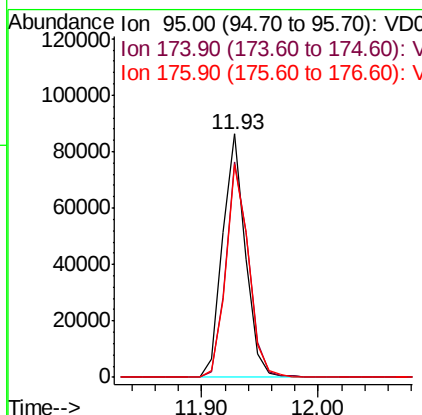
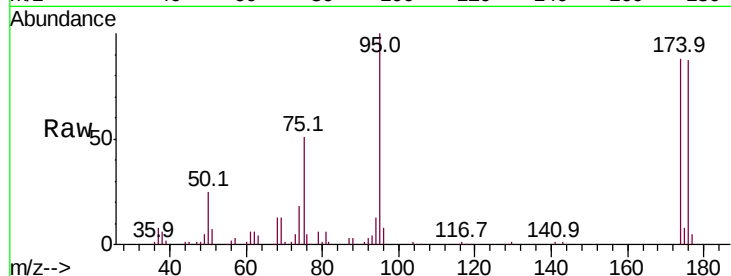




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VD059772.D
Acq: 14 Aug 2018 17:46

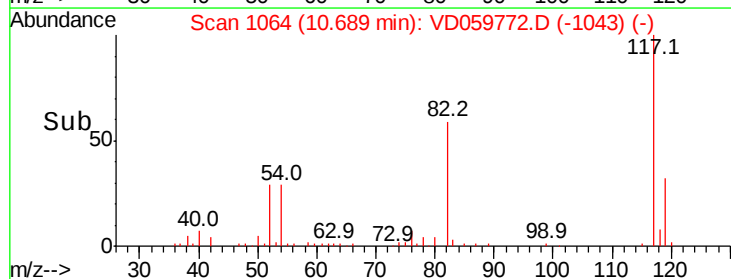
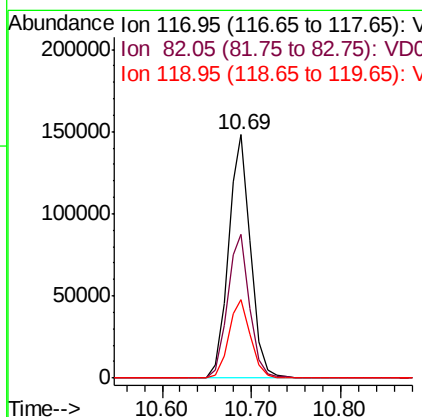
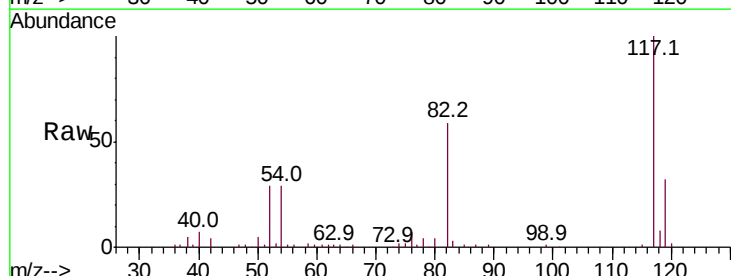
Instrument :
MSVOA_D
ClientSampled :

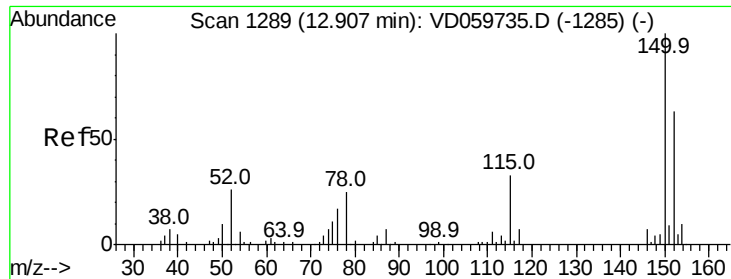
Tot Ion: 95 Resp: 116688
Ion Ratio Lower Upper
95 100
174 88.2 0.0 143.2
176 87.3 0.0 147.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VD059772.D
Acq: 14 Aug 2018 17:46

Tgt Ion: 117 Resp: 257925
Ion Ratio Lower Upper
117 100
82 59.0 51.9 77.9
119 32.1 27.4 41.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.90 min Scan# 1289

Delta R.T. -0.01 min

Lab File: VD059772.D

Acq: 14 Aug 2018 17:46

Instrument :

MSVOA_D

ClientSampleId :

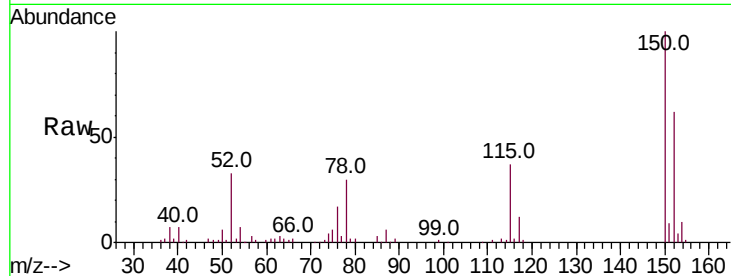
Tot Ion:152 Resp: 115306

Ion Ratio Lower Upper

152 100

115 59.7 29.8 89.3

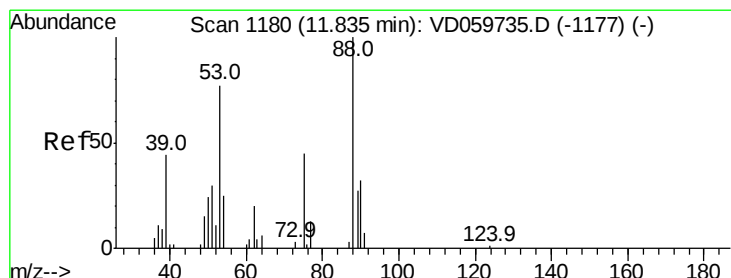
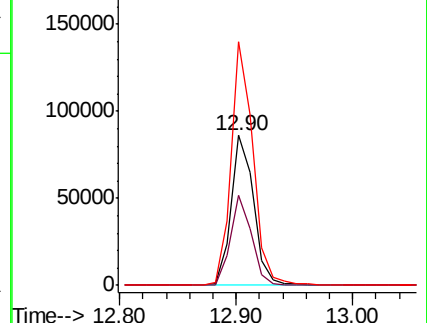
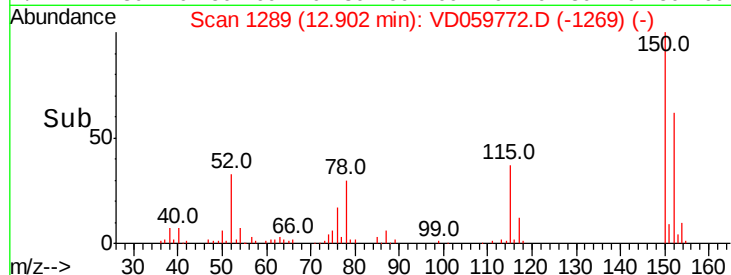
150 162.3 0.0 320.4



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: 153.444 ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.09 min

Lab File: VD059772.D

Acq: 14 Aug 2018 17:46

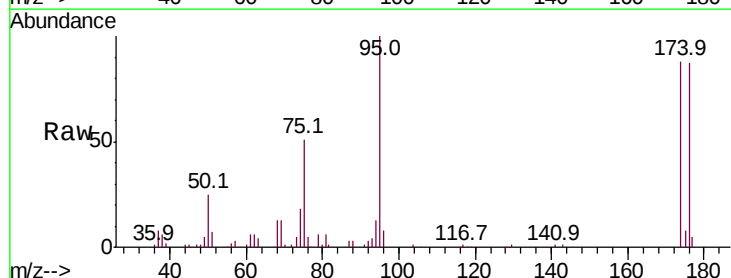
Tgt Ion: 75 Resp: 58951

Ion Ratio Lower Upper

75 100

53 0.0 137.5 206.3#

89 0.0 48.3 72.5#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

