

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072518\
 Data File : VD059595.D
 Acq On : 25 Jul 2018 18:00
 Operator : VA/AP
 Sample : J4026-03RE
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC001-S-180716

Quant Time: Jul 26 04:29:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	25970	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.68	114	35354	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	25168	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	8922	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	23746	72.73	ug/l	0.02
Spiked Amount						
35) Dibromofluoromethane	5.52	113	17129	56.48	ug/l	0.02
Spiked Amount						
50) Toluene-d8	8.69	98	29244	42.51	ug/l	0.02
Spiked Amount						
62) 4-Bromofluorobenzene	11.92	95	12336	39.81	ug/l	0.00
Spiked Amount						

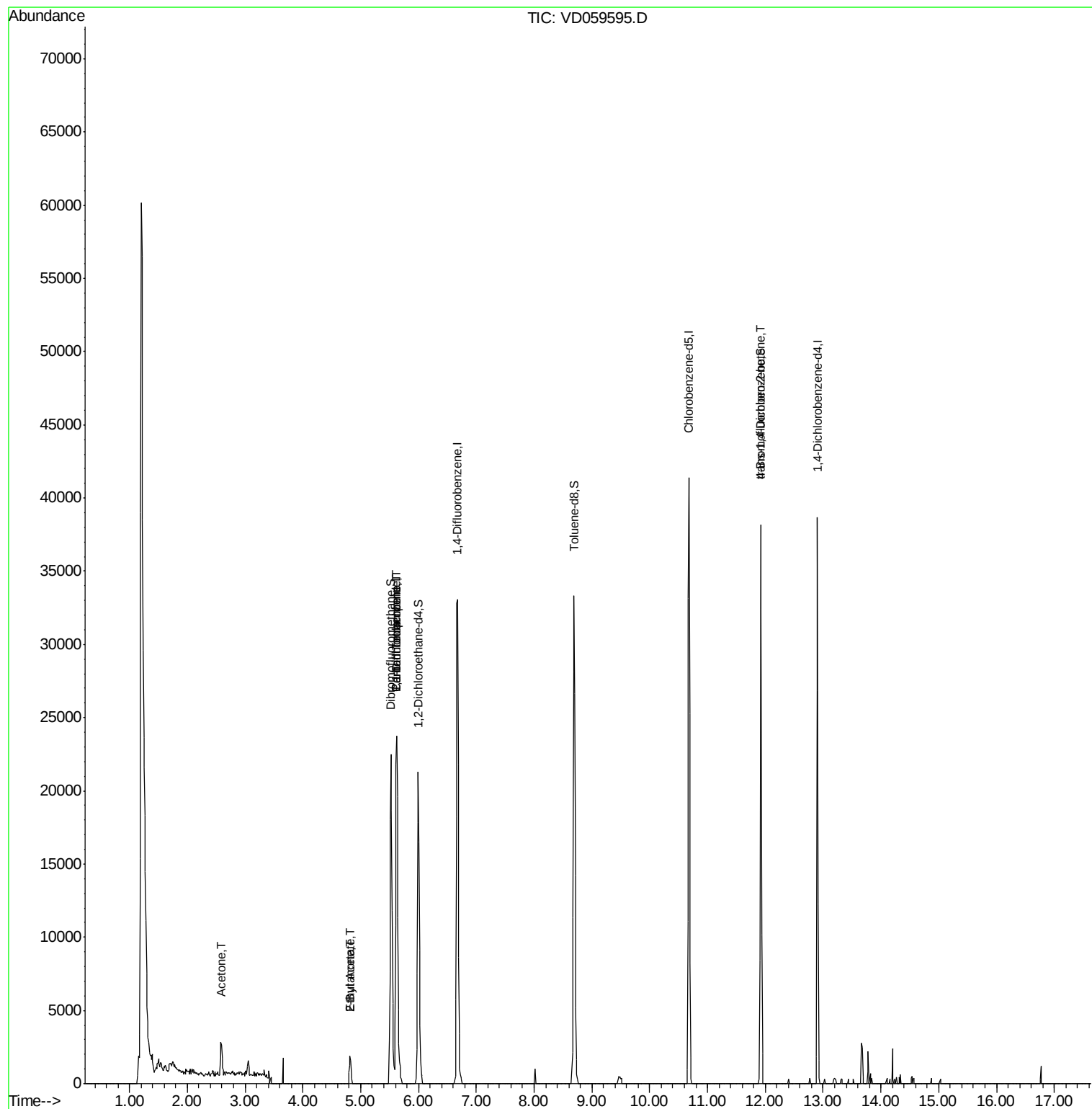
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.58	43	4072	82.59	ug/l #	61
25) 2-Butanone	4.82	43	1089	14.48	ug/l #	59
36) 1,1-Dichloropropene	5.62	75	1641	4.63	ug/l #	43
37) Ethyl Acetate	4.82	43	1089	5.97	ug/l #	71
38) Carbon Tetrachloride	5.61	117	1759	3.62	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	5753	152.51	ug/l #	1

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
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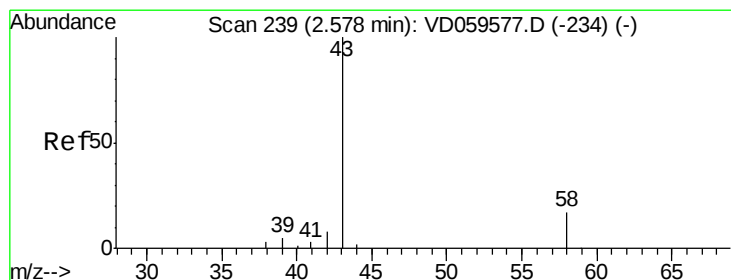
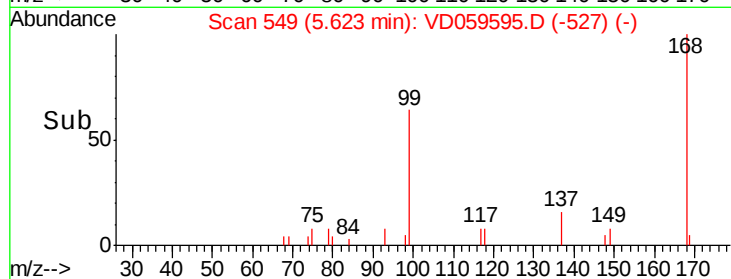
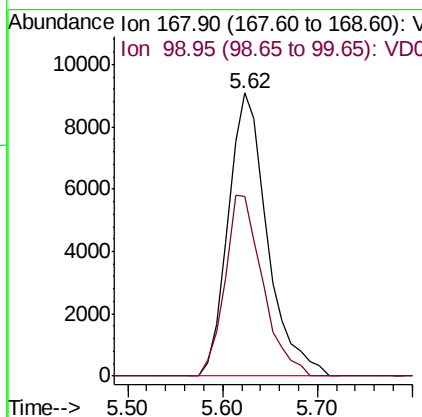
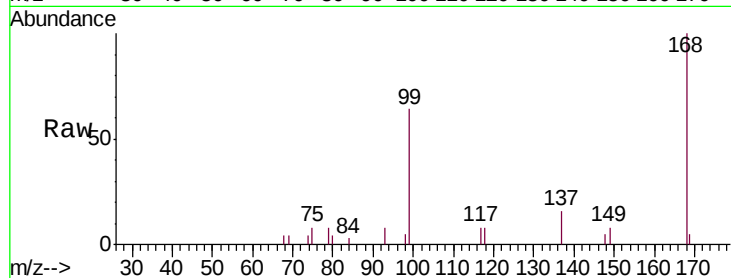




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 549
Delta R.T. 0.02 min
Lab File: VD059595.D
Acq: 25 Jul 2018 18:00

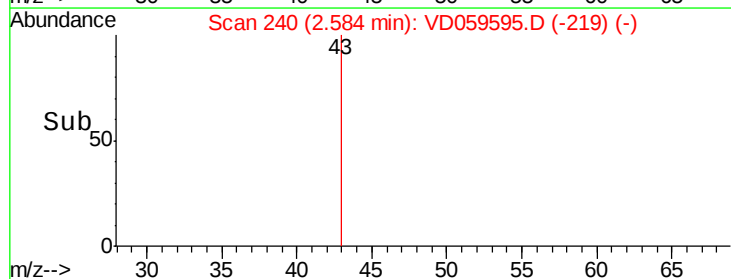
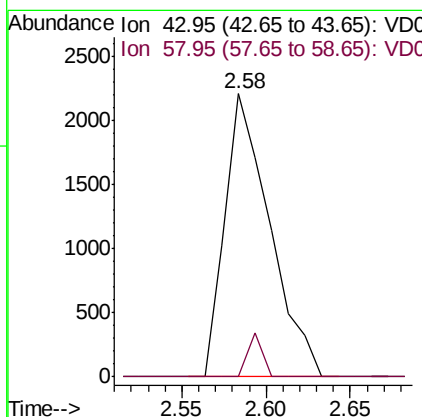
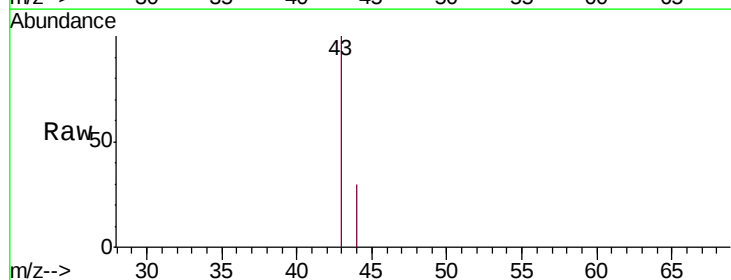
Instrument :
MSVOA_D
ClientSampleId :
KY030LC001-S-180716

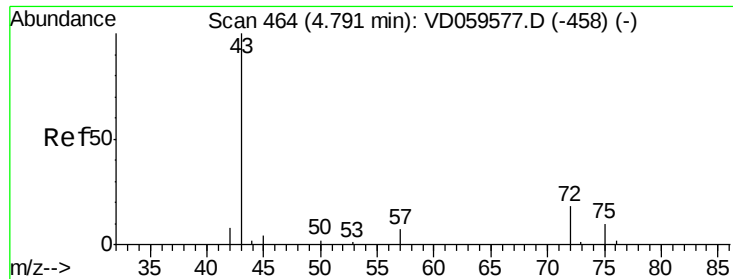
Tot Ion:168 Resp: 25970
Ion Ratio Lower Upper
168 100
99 63.5 47.3 70.9



#16
Acetone
Concen: 82.59 ug/l
RT: 2.58 min Scan# 240
Delta R.T. 0.01 min
Lab File: VD059595.D
Acq: 25 Jul 2018 18:00

Tgt Ion: 43 Resp: 4072
Ion Ratio Lower Upper
43 100
58 0.0 13.4 20.0#





#25

2-Butanone

Concen: 14.48 ug/l

RT: 4.82 min Scan# 467

Delta R.T. 0.03 min

Lab File: VD059595.D

Acq: 25 Jul 2018 18:00

Instrument :

MSVOA_D

ClientSampleId :

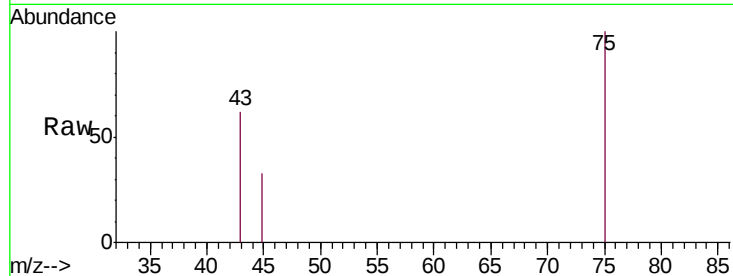
KY030LC001-S-180716

Tot Ion: 43 Resp: 1089

Ion Ratio Lower Upper

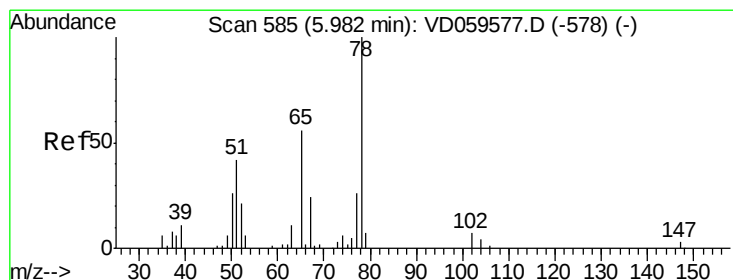
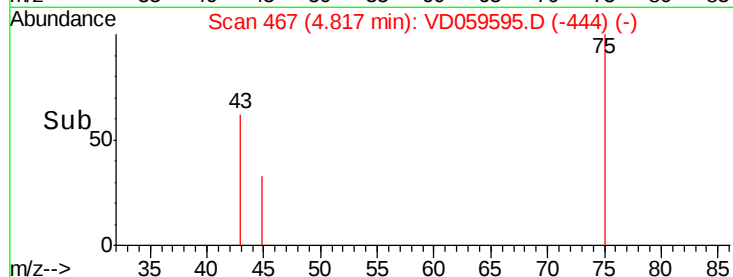
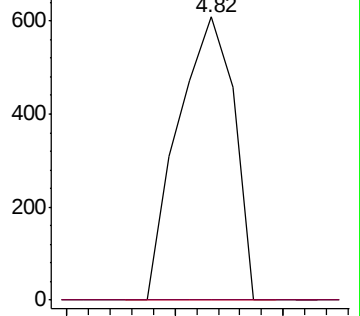
43 100

72 0.0 14.7 22.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.00 min Scan# 587

Delta R.T. 0.02 min

Lab File: VD059595.D

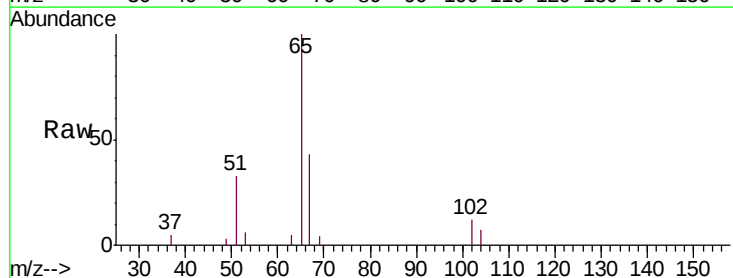
Acq: 25 Jul 2018 18:00

Tgt Ion: 65 Resp: 23746

Ion Ratio Lower Upper

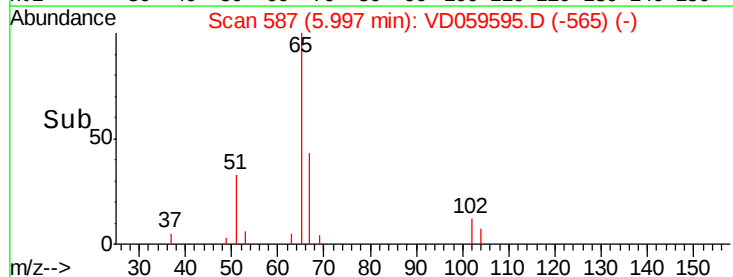
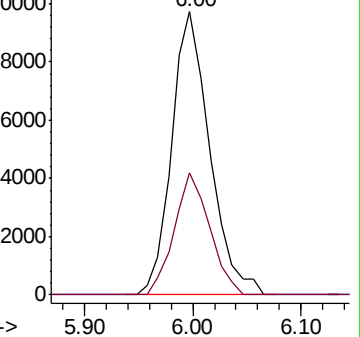
65 100

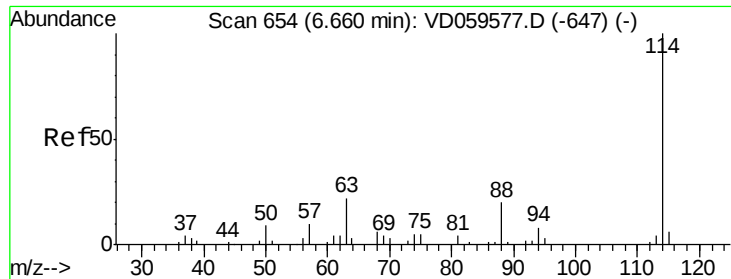
67 43.0 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

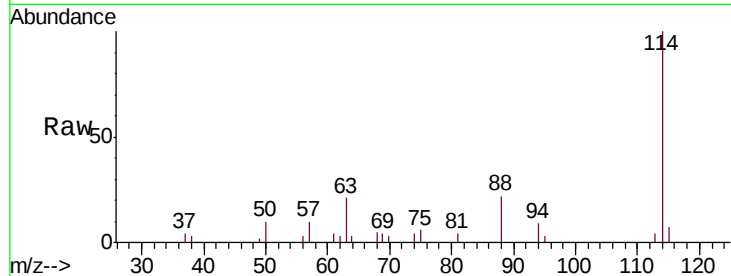




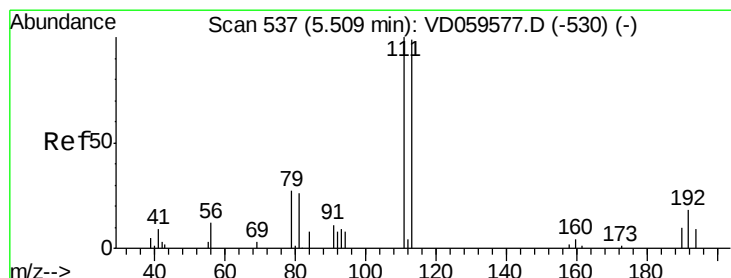
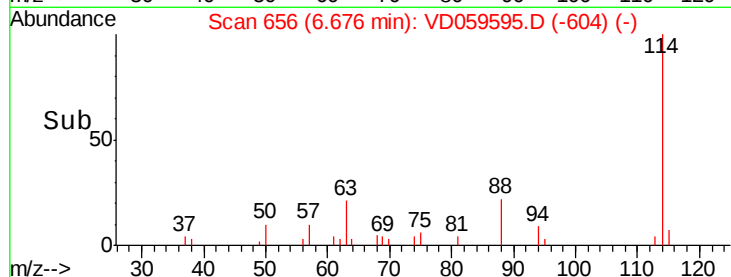
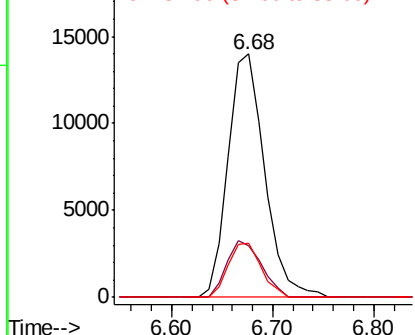
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: VD059595.D
 Acq: 25 Jul 2018 18:00

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC001-S-180716

Tot Ion:114 Resp: 35354
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.8
 88 22.2 0.0 39.0

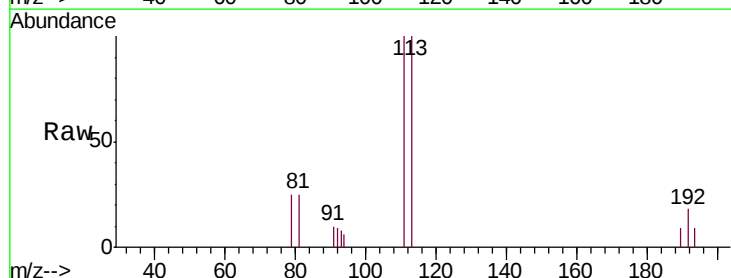


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

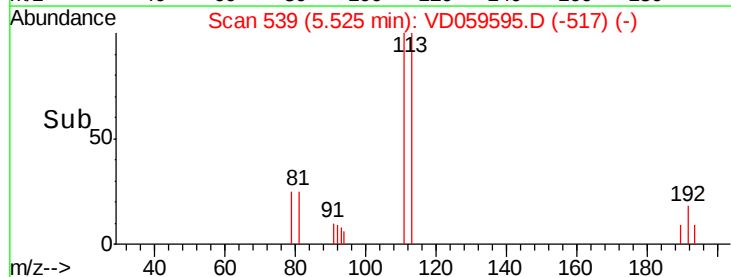
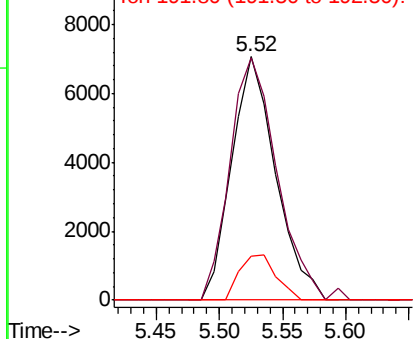


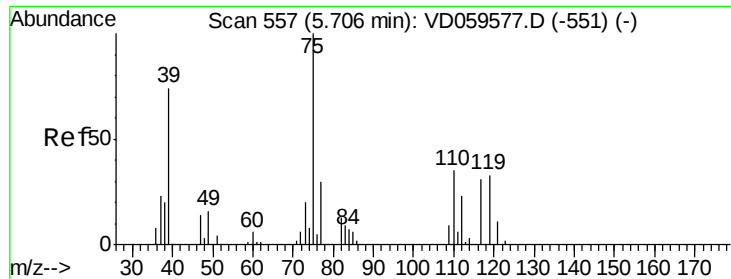
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VD059595.D
 Acq: 25 Jul 2018 18:00

Tgt Ion:113 Resp: 17129
 Ion Ratio Lower Upper
 113 100
 111 99.7 80.5 120.7
 192 18.1 14.5 21.7



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

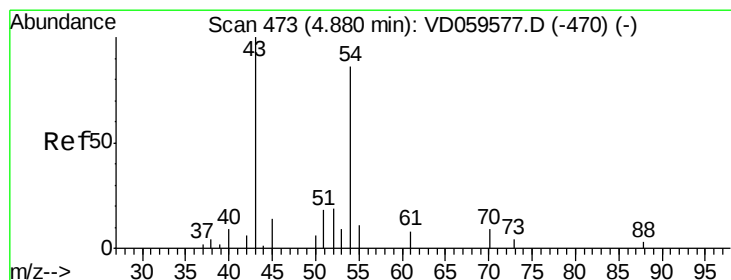
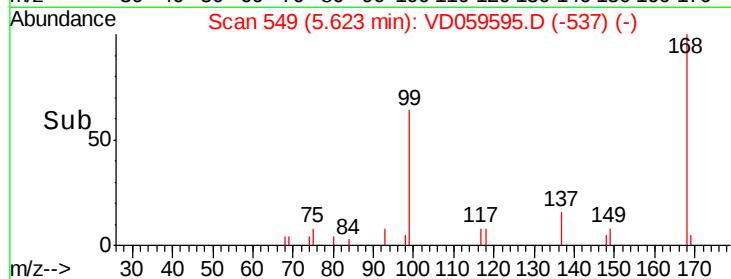
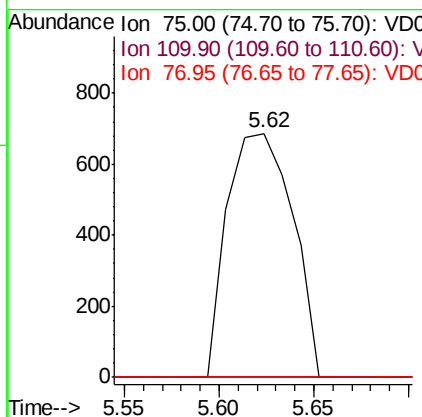
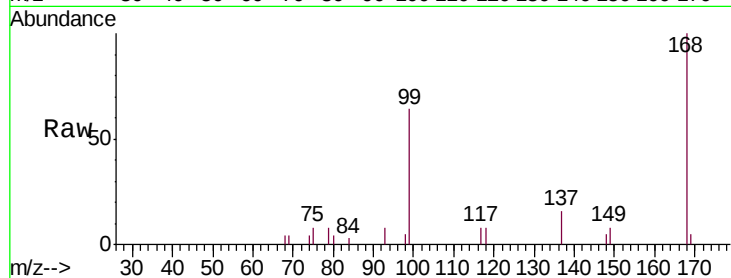




#36
 1,1-Dichloropropene
 Concen: 4.63 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.08 min
 Lab File: VD059595.D
 Acq: 25 Jul 2018 18:00

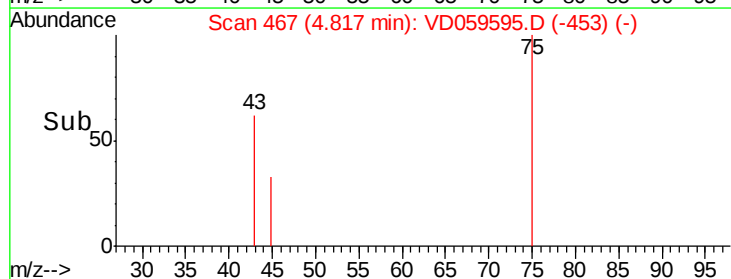
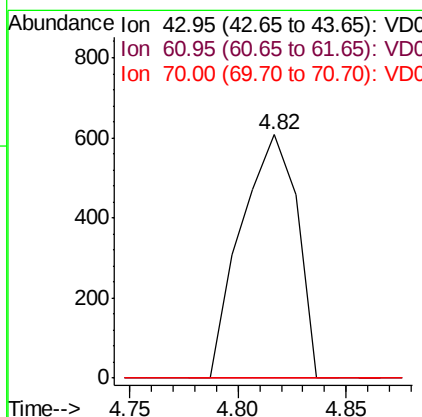
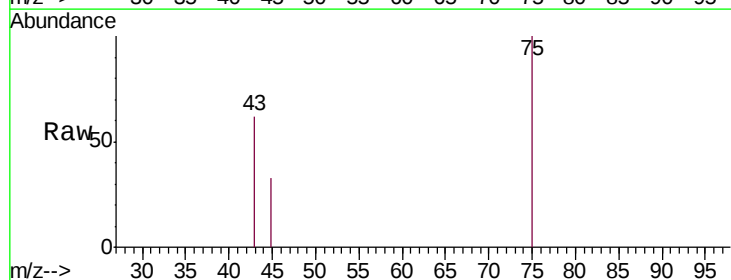
Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC001-S-180716

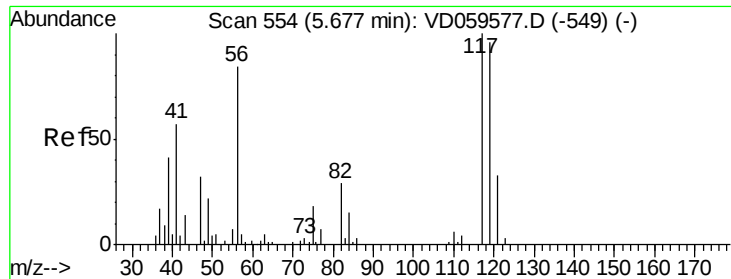
Tot Ion: 75 Resp: 1641
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.0 50.9#
 77 0.0 23.6 35.4#



#37
 Ethyl Acetate
 Concen: 5.97 ug/l
 RT: 4.82 min Scan# 467
 Delta R.T. -0.06 min
 Lab File: VD059595.D
 Acq: 25 Jul 2018 18:00

Tgt Ion: 43 Resp: 1089
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.7 16.1#
 70 0.0 5.4 8.0#

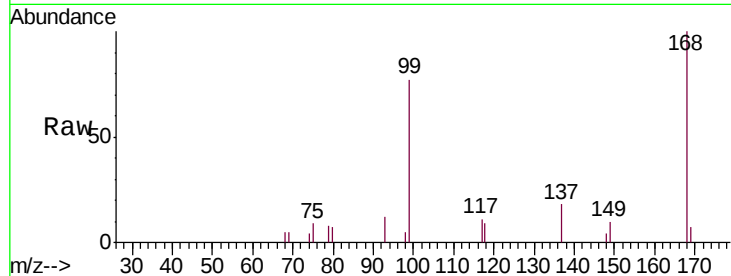




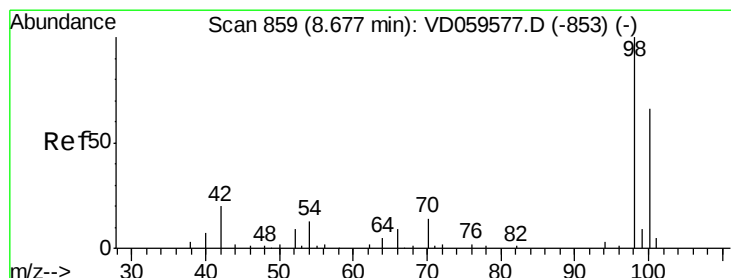
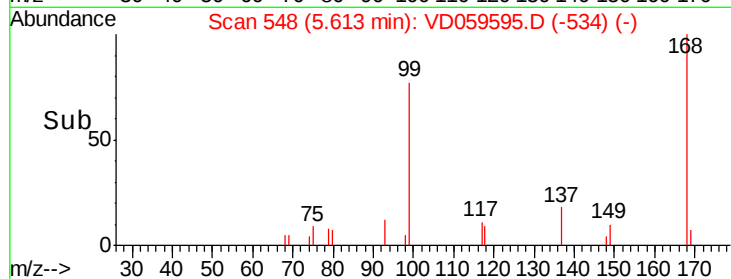
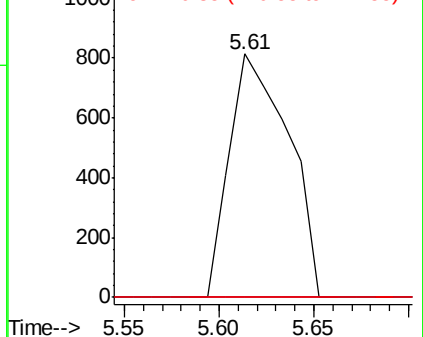
#38
Carbon Tetrachloride
Concen: 3.62 ug/l
RT: 5.61 min Scan# 548
Delta R.T. -0.06 min
Lab File: VD059595.D
Acq: 25 Jul 2018 18:00

Instrument :
MSVOA_D
ClientSampleId :
KY030LC001-S-180716

Tot Ion:117 Resp: 1759
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.0 37.6#

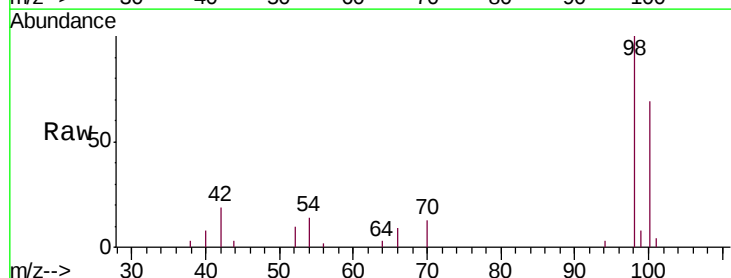


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

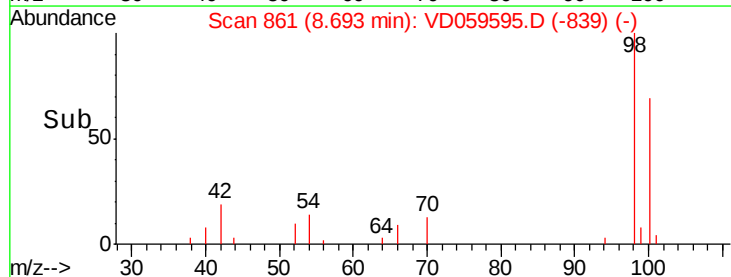
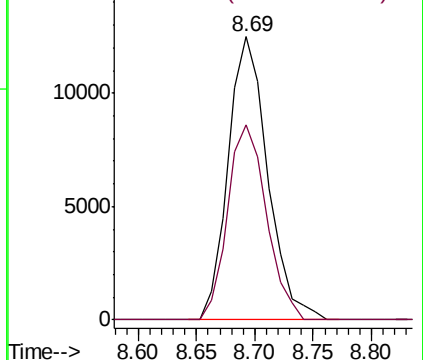


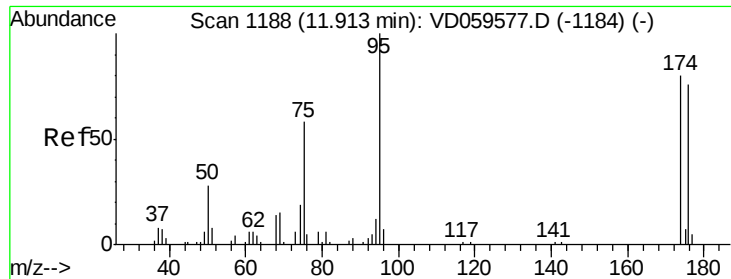
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD059595.D
Acq: 25 Jul 2018 18:00

Tgt Ion: 98 Resp: 29244
Ion Ratio Lower Upper
98 100
100 68.8 53.2 79.8



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: 11.92 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD059595.D

Acq: 25 Jul 2018 18:00

Instrument :

MSVOA_D

ClientSampleId :

KY030LC001-S-180716

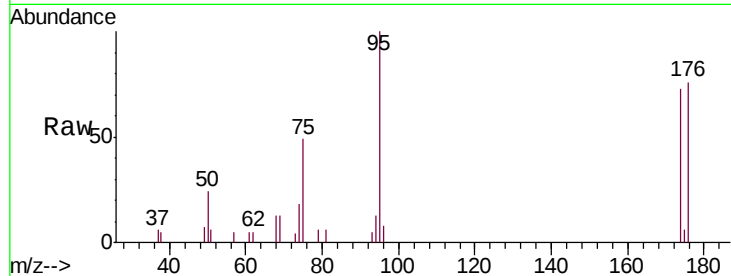
Tot Ion: 95 Resp: 12336

Ion Ratio Lower Upper

95 100

174 73.0 0.0 160.6

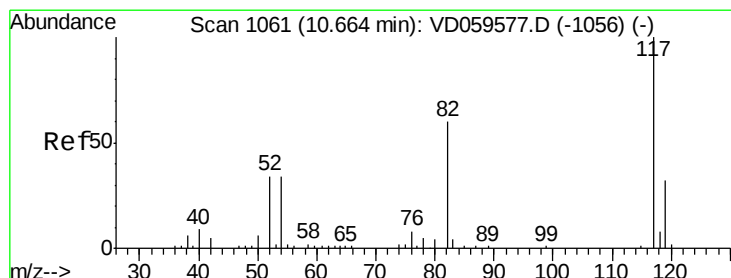
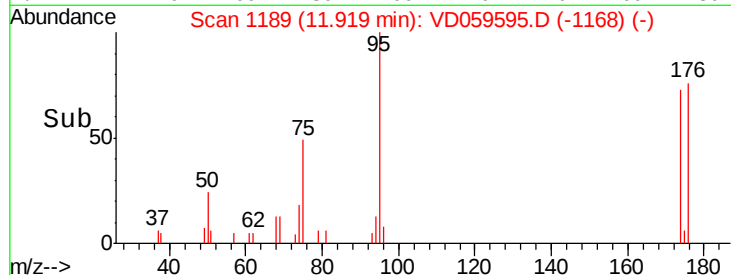
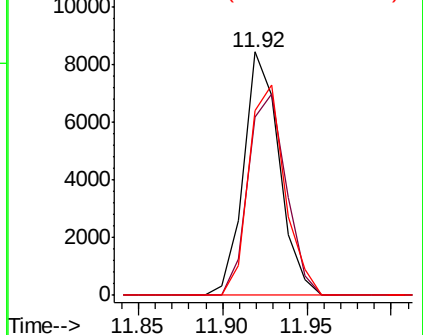
176 76.1 0.0 152.8



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: 50.00 ug/l

RT: 10.68 min Scan# 1063

Delta R.T. 0.02 min

Lab File: VD059595.D

Acq: 25 Jul 2018 18:00

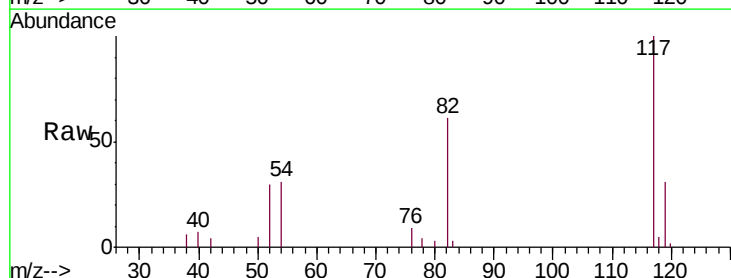
Tgt Ion: 117 Resp: 25168

Ion Ratio Lower Upper

117 100

82 60.9 48.2 72.2

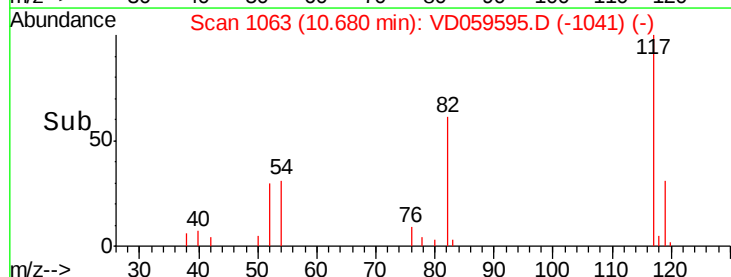
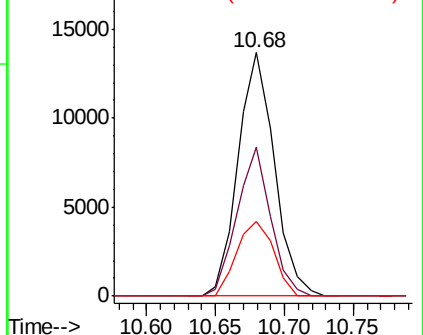
119 30.6 25.4 38.2

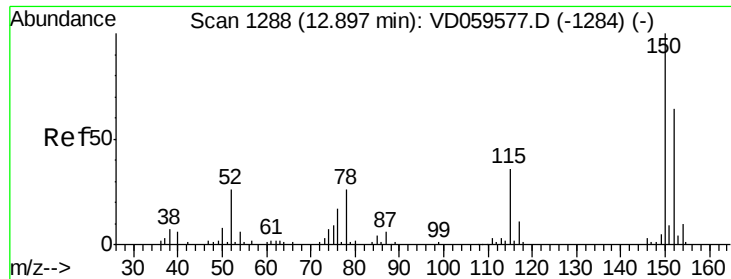


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VD059595.D

Acq: 25 Jul 2018 18:00

Instrument :

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ClientSampleId :

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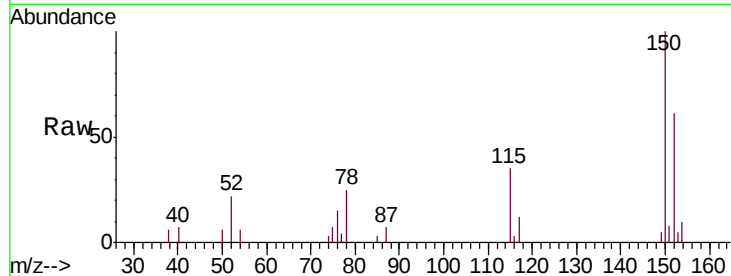
Tot Ion:152 Resp: 8922

Ion Ratio Lower Upper

152 100

115 57.8 29.5 88.6

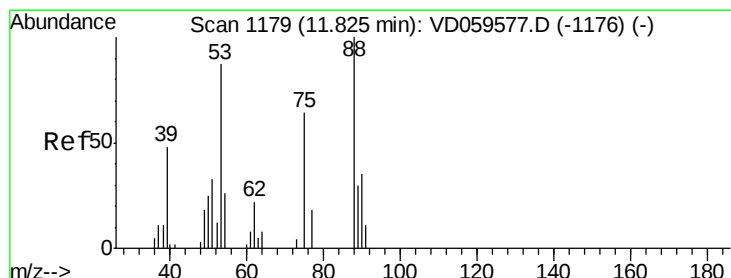
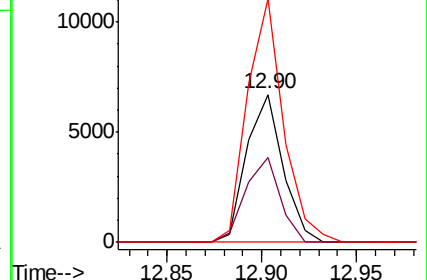
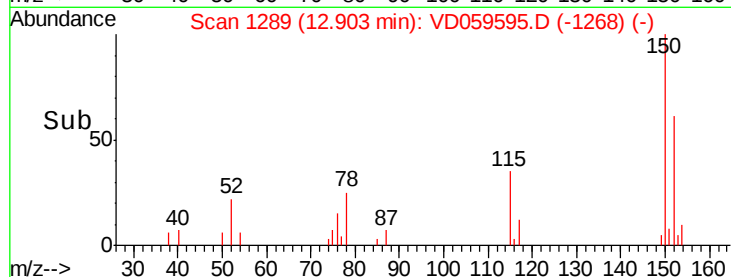
150 165.0 0.0 314.4



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: 152.51 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059595.D

Acq: 25 Jul 2018 18:00

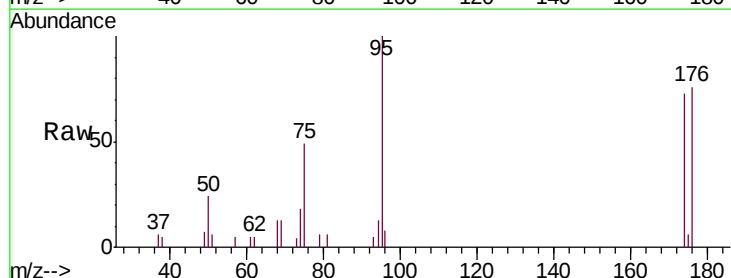
Tgt Ion: 75 Resp: 5753

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#



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

