

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072618\
 Data File : VD059612.D
 Acq On : 26 Jul 2018 18:39
 Operator : VA/AP
 Sample : J4026-04RE
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KY0300F002-S-180716RE

Quant Time: Jul 27 04:59:02 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	12211	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.67	114	15988	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	15526	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	8715	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	14260	92.89	ug/l	0.02
Spiked Amount						
Recovery						
35) Dibromofluoromethane	5.52	113	8103	59.08	ug/l	0.02
Spiked Amount						
Recovery						
50) Toluene-d8	8.69	98	18111	58.21	ug/l	0.02
Spiked Amount						
Recovery						
62) 4-Bromofluorobenzene	11.92	95	9125	65.12	ug/l	0.00
Spiked Amount						
Recovery						

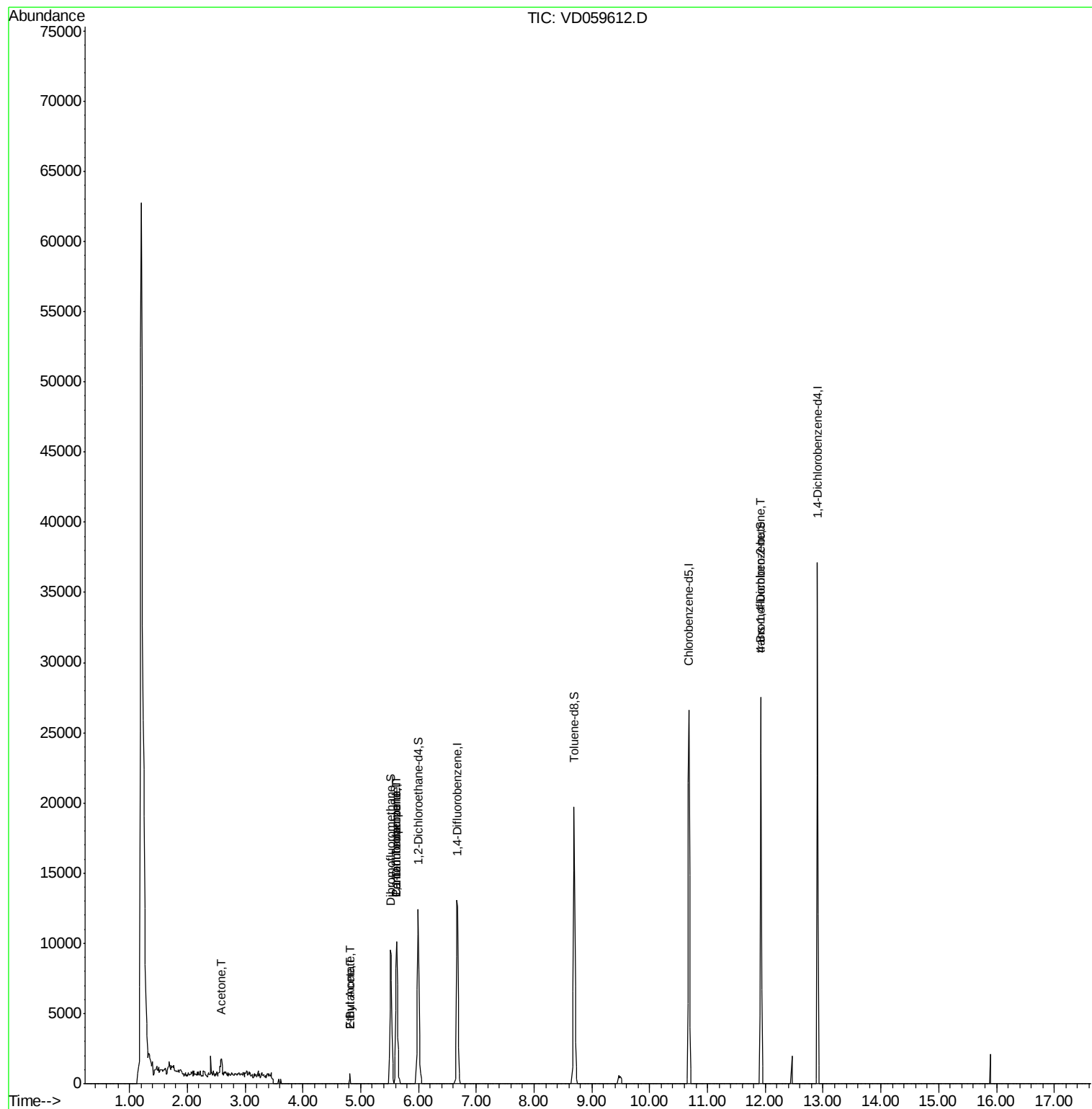
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.58	43	2025	87.347	ug/l #	61
25) 2-Butanone	4.82	43	192	5.431	ug/l #	59
36) 1,1-Dichloropropene	5.62	75	372	2.319	ug/l #	43
37) Ethyl Acetate	4.82	43	192	2.326	ug/l #	71
38) Carbon Tetrachloride	5.62	117	446	2.030	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	4289	116.399	ug/l #	1

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD072618\
Data File : VD059612.D
Acq On : 26 Jul 2018 18:39
Operator : VA/AP
Sample : J4026-04RE
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
KY0300F002-S-180716RE

Quant Time: Jul 27 04:59:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 549

Delta R.T. 0.02 min

Lab File: VD059612.D

Acq: 26 Jul 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

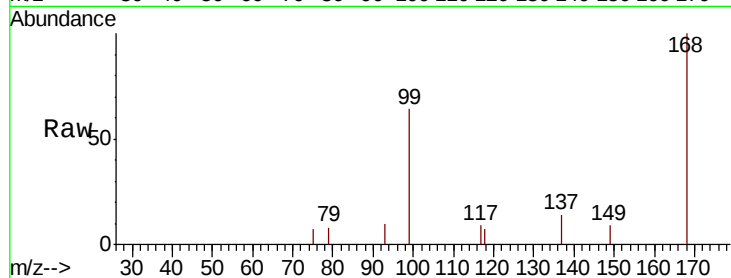
KY0300F002-S-180716RE

Tgt Ion:168 Resp: 12211

Ion Ratio Lower Upper

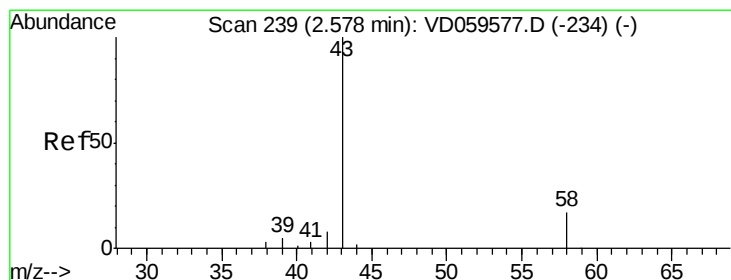
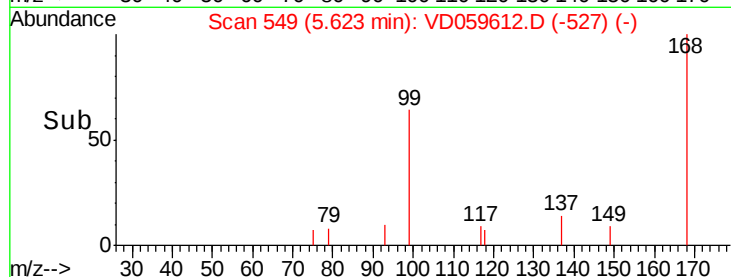
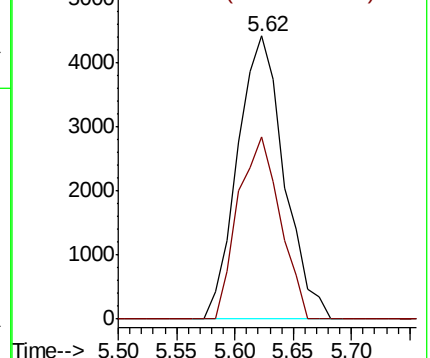
168 100

99 64.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 87.347 ug/l

RT: 2.58 min Scan# 240

Delta R.T. 0.01 min

Lab File: VD059612.D

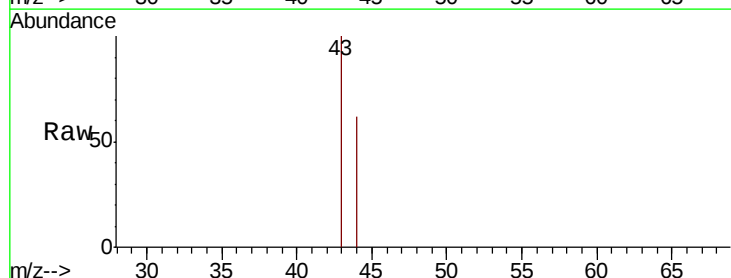
Acq: 26 Jul 2018 18:39

Tgt Ion: 43 Resp: 2025

Ion Ratio Lower Upper

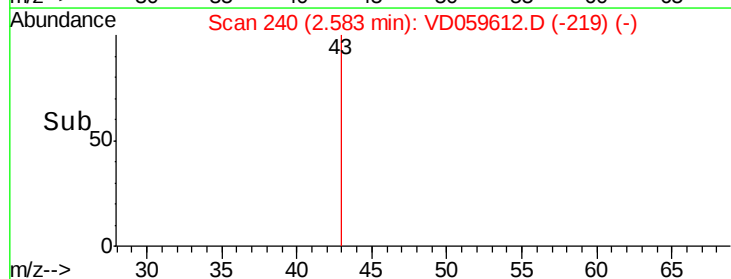
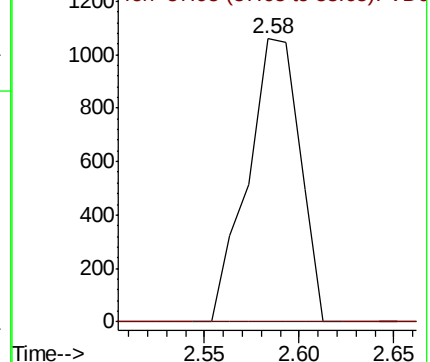
43 100

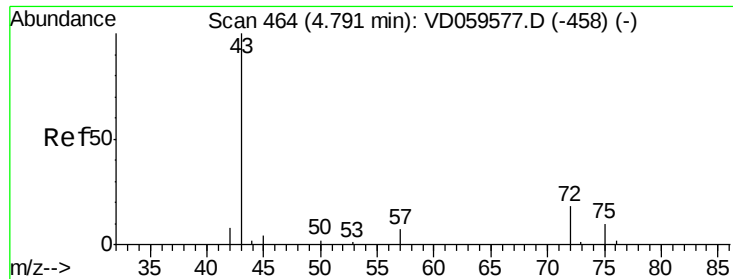
58 0.0 13.4 20.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 5.431 ug/l

RT: 4.82 min Scan# 467

Delta R.T. 0.03 min

Lab File: VD059612.D

Acq: 26 Jul 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

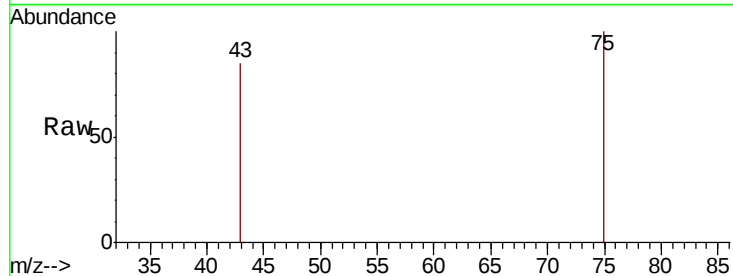
KY0300F002-S-180716RE

Tgt Ion: 43 Resp: 192

Ion Ratio Lower Upper

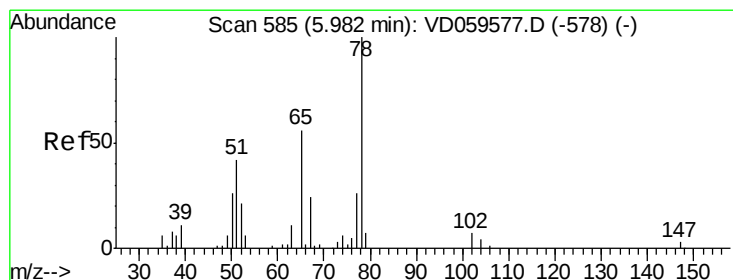
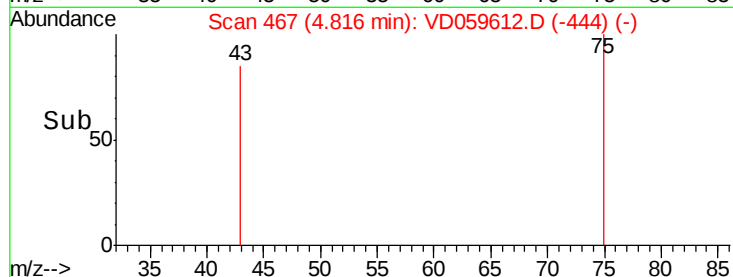
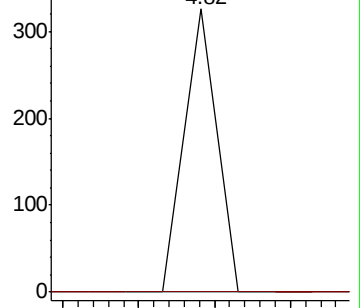
43 100

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: VD059612.D

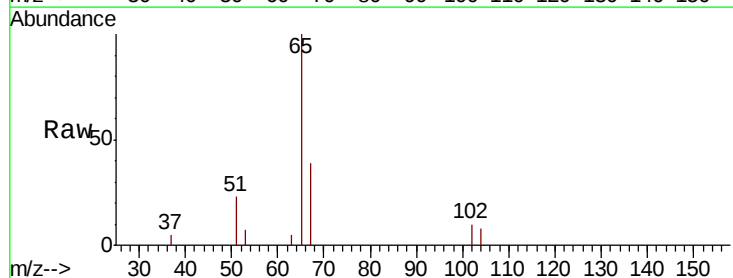
Acq: 26 Jul 2018 18:39

Tgt Ion: 65 Resp: 14260

Ion Ratio Lower Upper

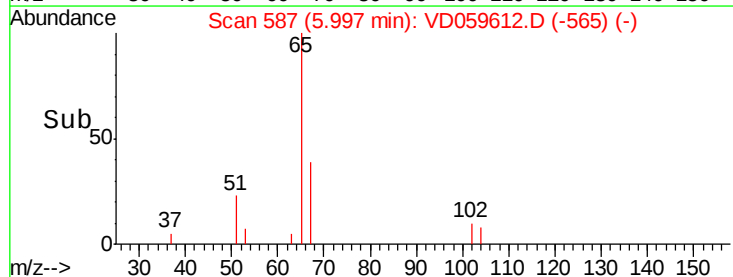
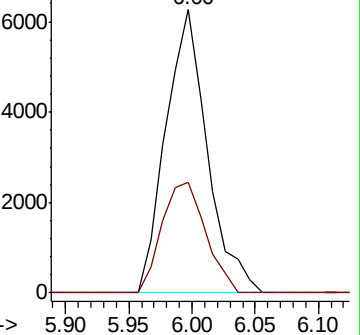
65 100

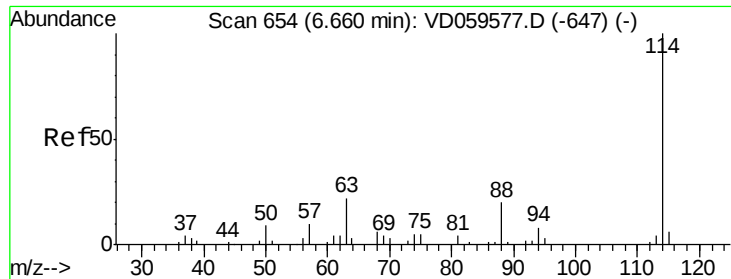
67 39.0 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

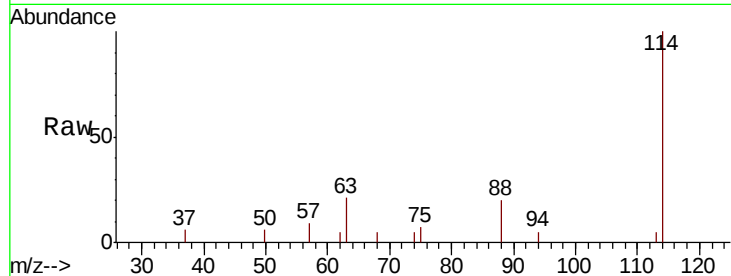




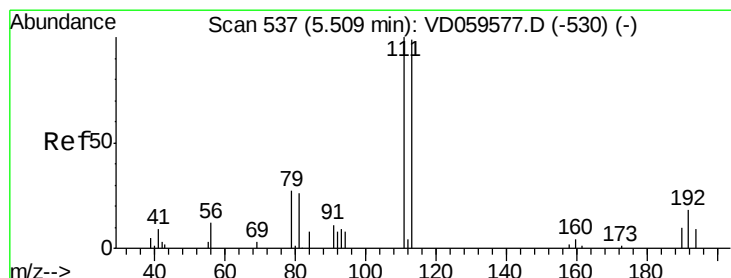
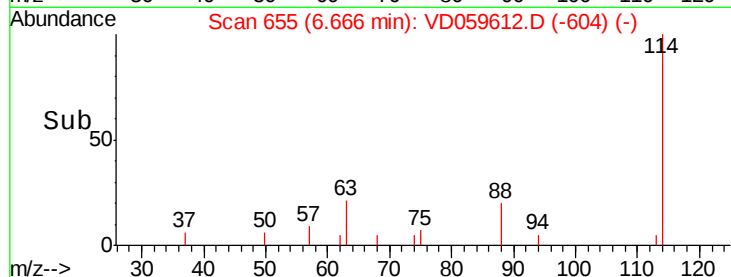
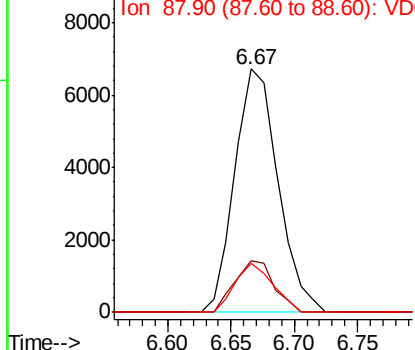
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VD059612.D
 Acq: 26 Jul 2018 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 KY0300F002-S-180716RE

Tgt Ion:114 Resp: 15988
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.8
 88 20.2 0.0 39.0

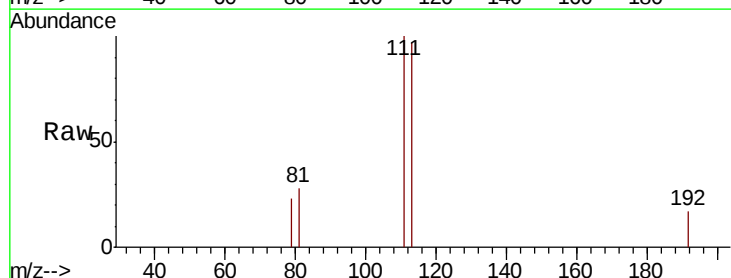


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

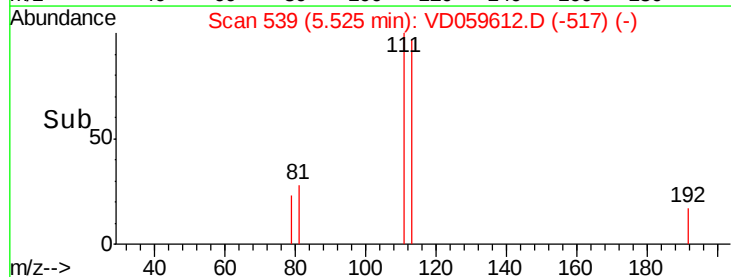
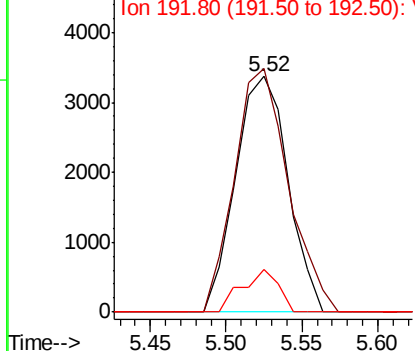


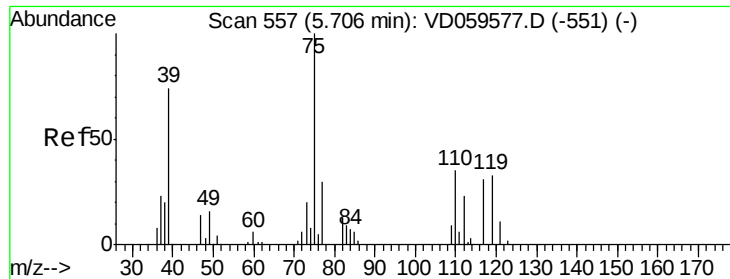
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VD059612.D
 Acq: 26 Jul 2018 18:39

Tgt Ion:113 Resp: 8103
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.5 120.7
 192 17.9 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

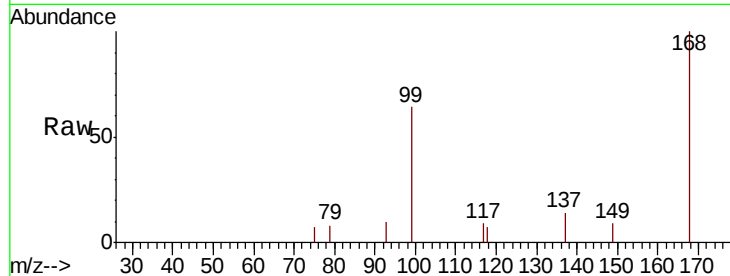




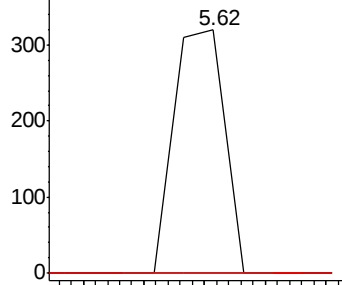
#36
 1,1-Dichloropropene
 Concen: 2.319 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.08 min
 Lab File: VD059612.D
 Acq: 26 Jul 2018 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 KY0300F002-S-180716RE

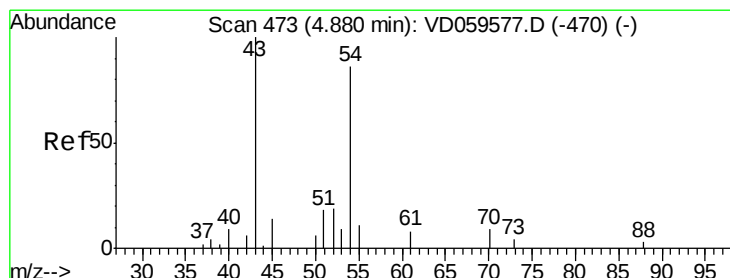
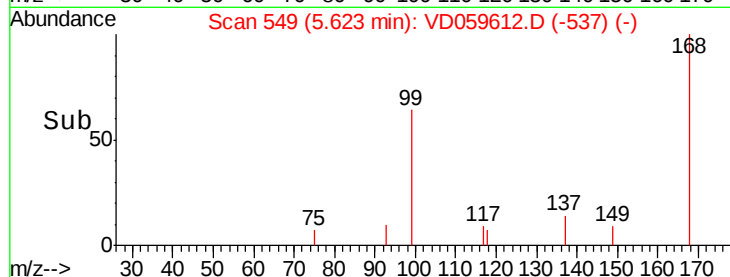
Tgt Ion: 75 Resp: 372
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.0 50.9#
 77 0.0 23.6 35.4#



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

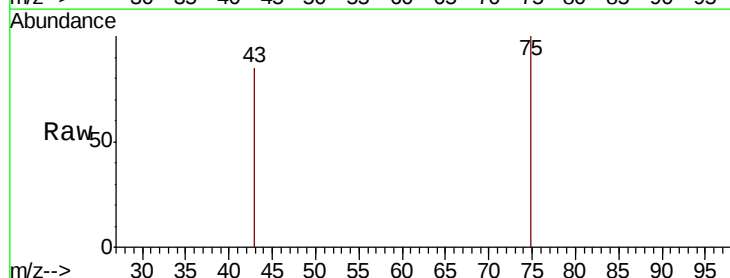


Time-->

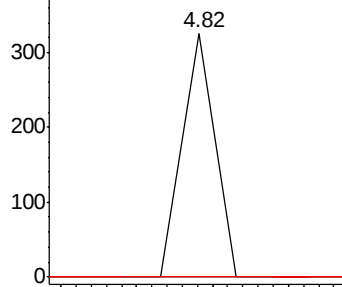


#37
 Ethyl Acetate
 Concen: 2.326 ug/l
 RT: 4.82 min Scan# 467
 Delta R.T. -0.06 min
 Lab File: VD059612.D
 Acq: 26 Jul 2018 18:39

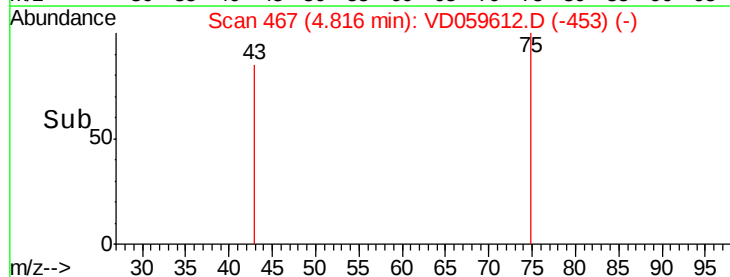
Tgt Ion: 43 Resp: 192
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.7 16.1#
 70 0.0 5.4 8.0#

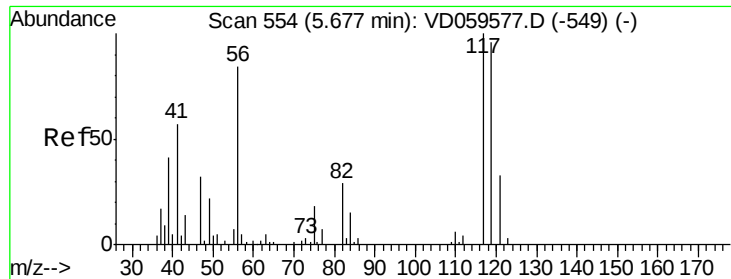


Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 70.00 (69.70 to 70.70): VDC



Time-->

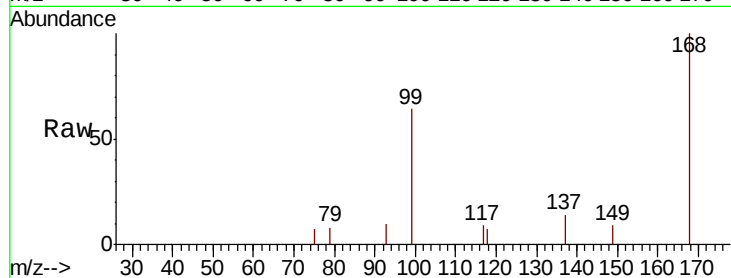




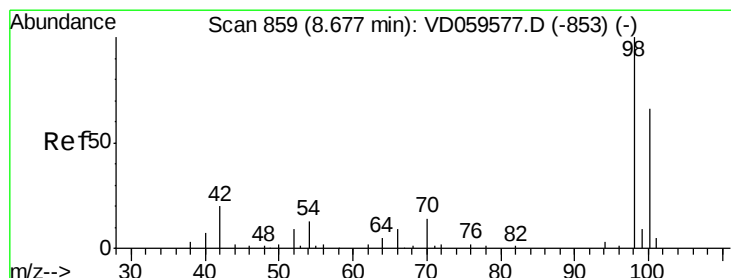
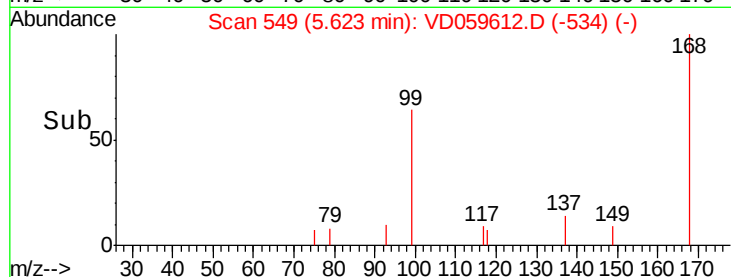
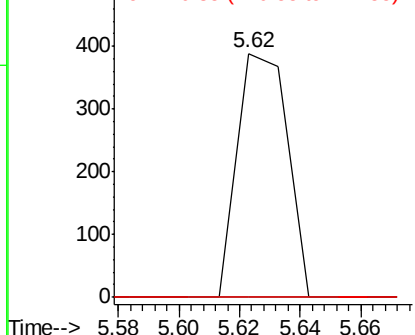
#38
Carbon Tetrachloride
Concen: 2.030 ug/l
RT: 5.62 min Scan# 549
Delta R.T. -0.05 min
Lab File: VD059612.D
Acq: 26 Jul 2018 18:39

Instrument :
MSVOA_D
ClientSampleId :
KY0300F002-S-180716RE

Tgt Ion: 117 Resp: 446
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.0 37.6#

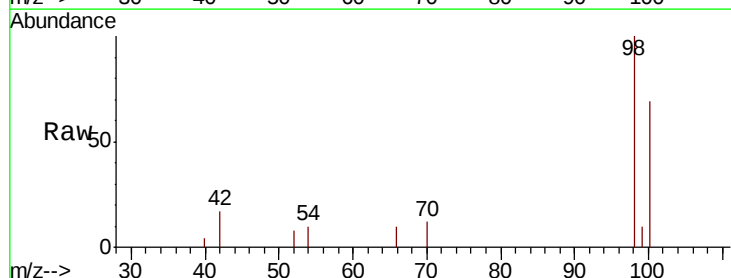


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

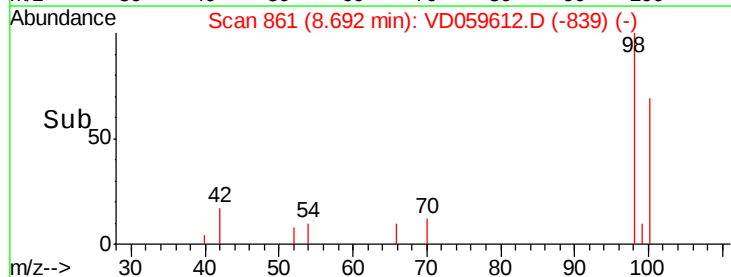
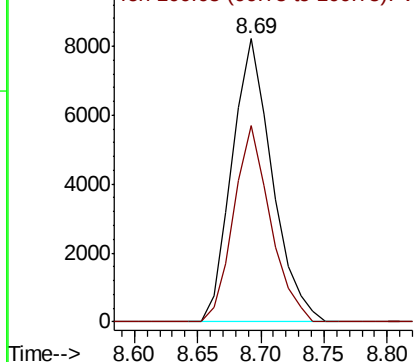


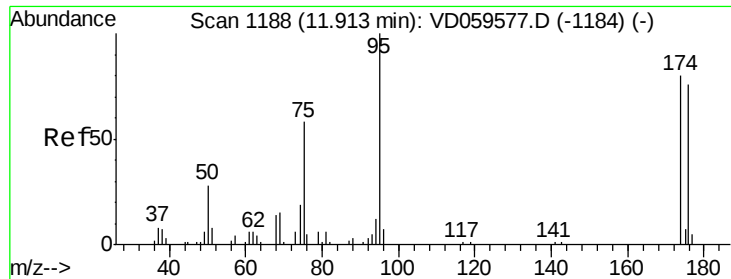
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD059612.D
Acq: 26 Jul 2018 18:39

Tgt Ion: 98 Resp: 18111
Ion Ratio Lower Upper
98 100
100 69.5 53.2 79.8



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

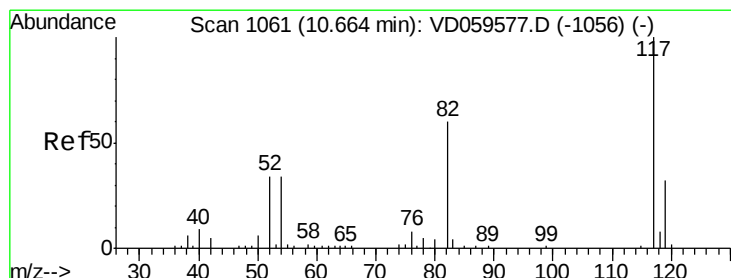
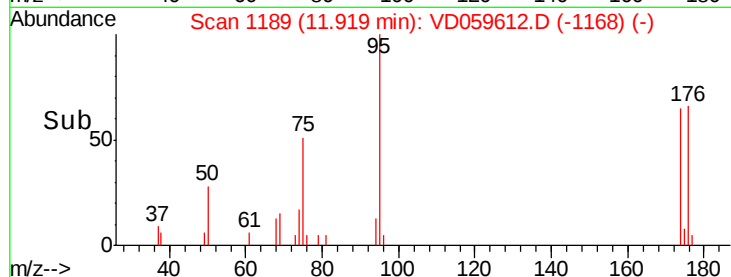
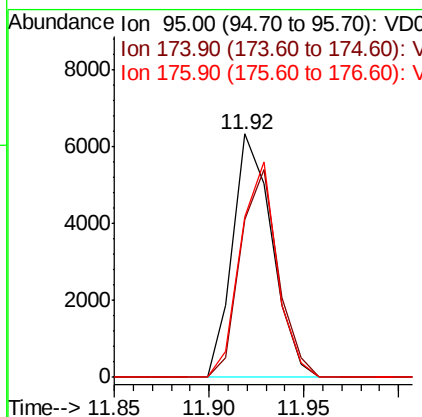
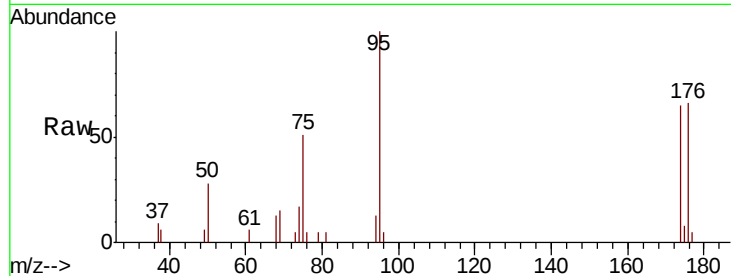




#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 11.92 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: VD059612.D
 Acq: 26 Jul 2018 18:39

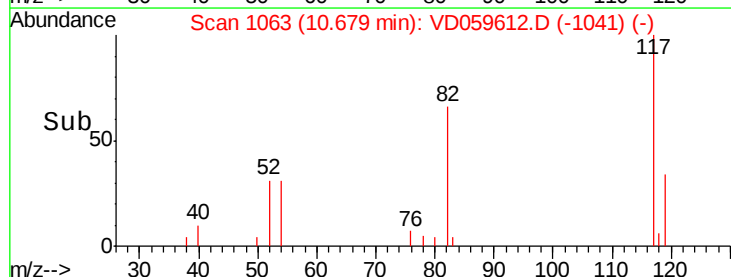
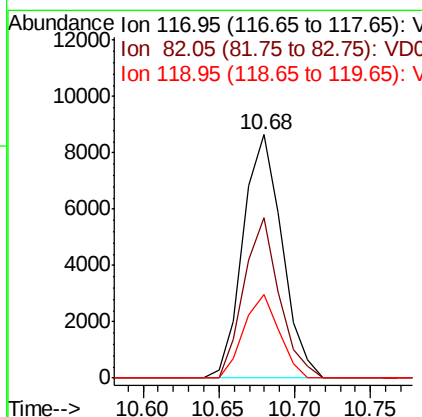
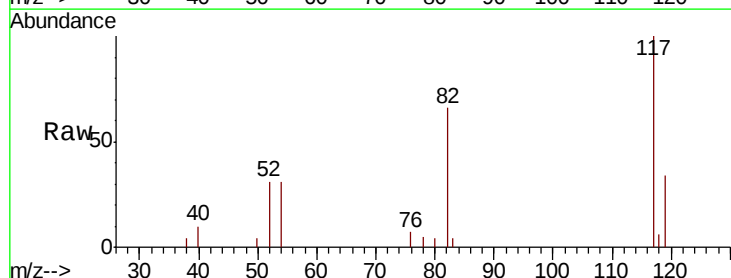
Instrument :
 MSVOA_D
 ClientSampleId :
 KY0300F002-S-180716RE

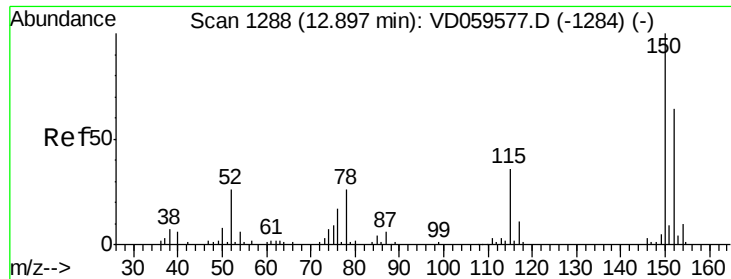
Tgt Ion: 95 Resp: 9125
 Ion Ratio Lower Upper
 95 100
 174 65.0 0.0 160.6
 176 66.0 0.0 152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.68 min Scan# 1063
 Delta R.T. 0.02 min
 Lab File: VD059612.D
 Acq: 26 Jul 2018 18:39

Tgt Ion: 117 Resp: 15526
 Ion Ratio Lower Upper
 117 100
 82 66.1 48.2 72.2
 119 34.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.90 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VD059612.D

Acq: 26 Jul 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

KY0300F002-S-180716RE

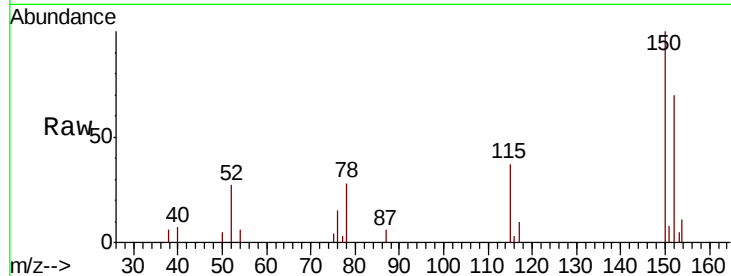
Tgt Ion:152 Resp: 8715

Ion Ratio Lower Upper

152 100

115 52.3 29.5 88.6

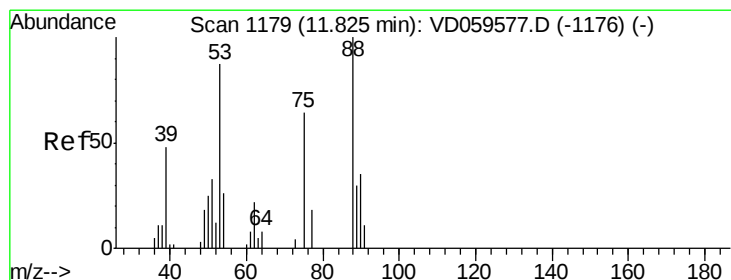
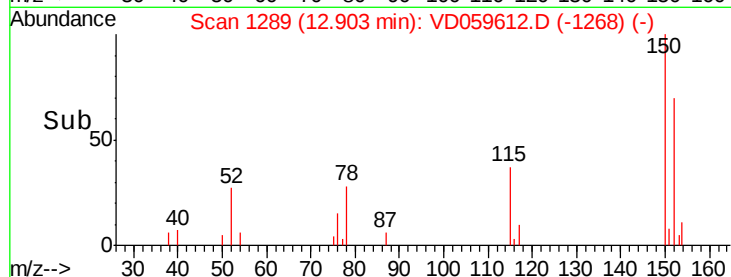
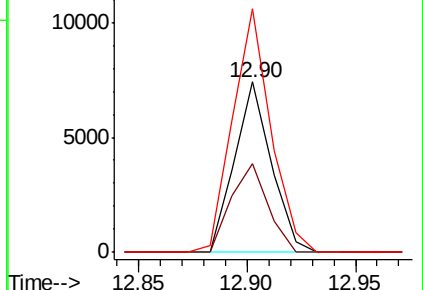
150 142.8 0.0 314.4



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: 116.399 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059612.D

Acq: 26 Jul 2018 18:39

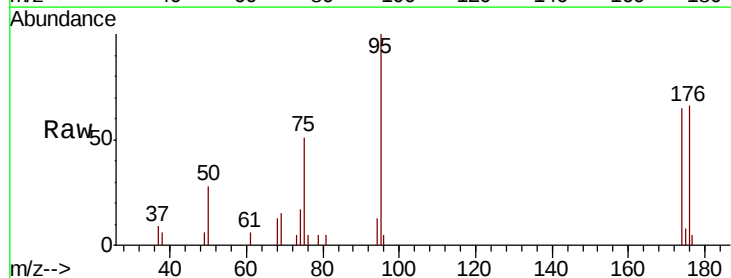
Tgt Ion: 75 Resp: 4289

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

