

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050418\
 Data File : VX001395.D
 Acq On : 04 May 2018 13:55
 Operator : JC/MD
 Sample : VX0504WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBL02

Quant Time: May 05 05:42:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	163505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	218309	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	194946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	110826	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	117570	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	
35) Dibromofluoromethane	5.51	113	98272	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
50) Toluene-d8	8.72	98	355463	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	11.14	95	115556	43.00	ug/l	0.00
Spiked Amount			Recovery	=	86.00%	

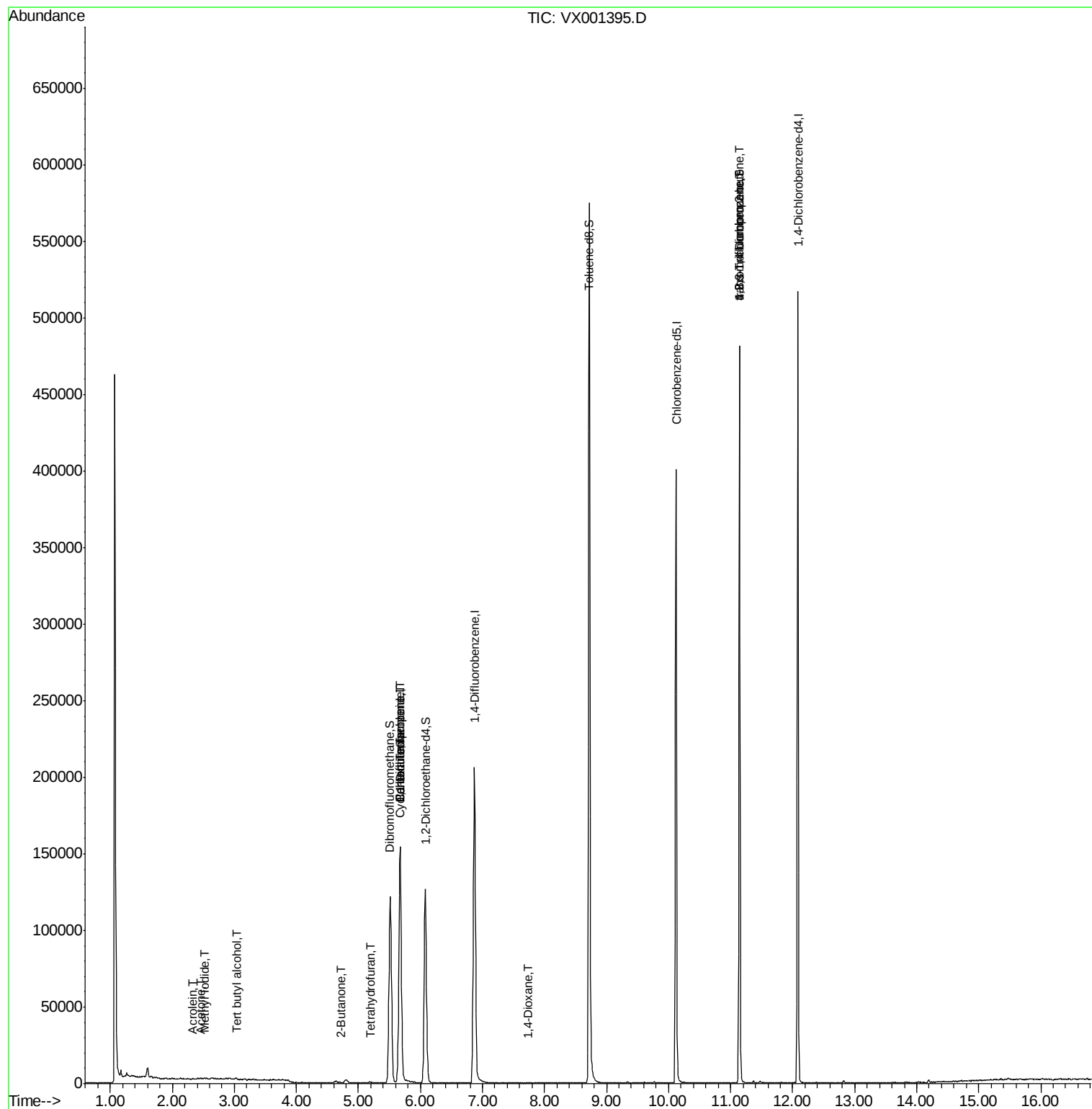
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	639	Below Cal		91
10) Methyl Iodide	2.52	142	751	4.68 ug/l	#	92
11) Tert butyl alcohol	3.03	59	729	1.87 ug/l		97
13) Acrolein	2.33	56	67	0.30 ug/l	#	14
16) Acetone	2.45	43	615	0.64 ug/l		92
20) Methylene Chloride	2.86	84	225	Below Cal	#	50
25) 2-Butanone	4.72	43	277	0.21 ug/l	#	49
29) Tetrahydrofuran	5.19	42	446	0.56 ug/l	#	63
31) Cyclohexane	5.66	56	2937	1.06 ug/l	#	36
36) 1,1-Dichloropropene	5.67	75	10014	3.97 ug/l	#	50
38) Carbon Tetrachloride	5.67	117	14009	5.31 ug/l	#	18
49) 1,4-Dioxane	7.74	88	19	0.46 ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	58896	28.74 ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.14	75	58896	89.77 ug/l	#	6

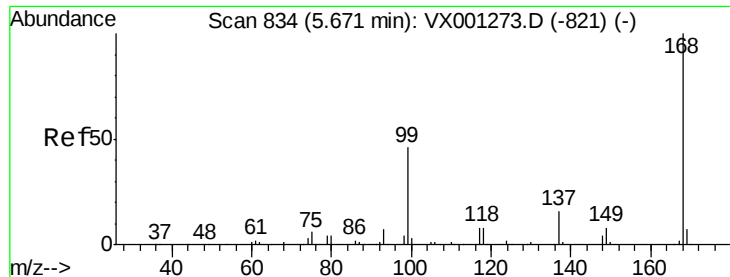
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050418\
Data File : VX001395.D
Acq On : 04 May 2018 13:55
Operator : JC/MD
Sample : VX0504WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBL02

Quant Time: May 05 05:42:09 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001395.D

Acq: 04 May 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

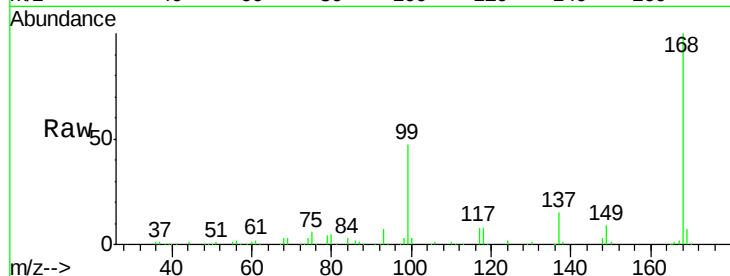
VX0504WBL02

Tgt Ion:168 Resp: 163505

Ion Ratio Lower Upper

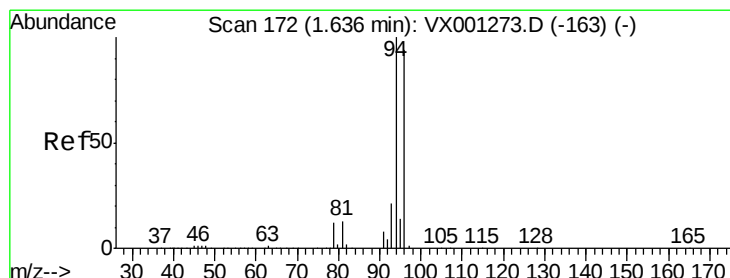
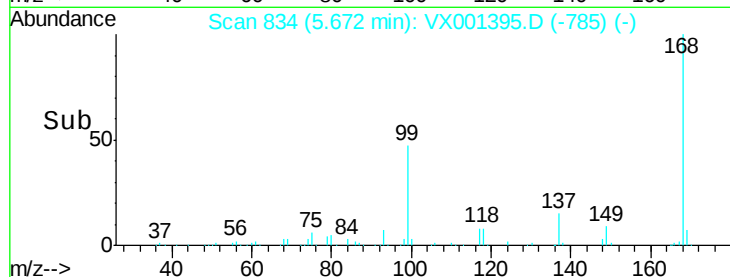
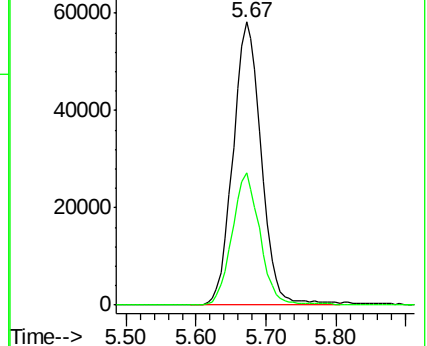
168 100

99 46.9 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001395.D

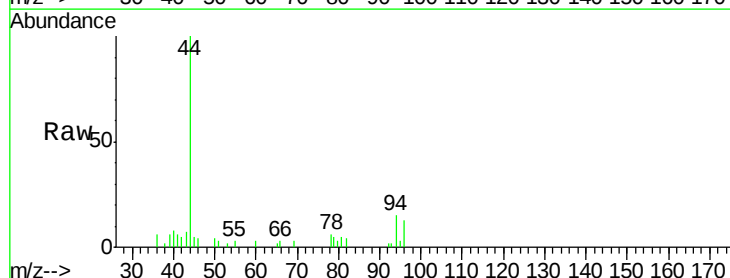
Acq: 04 May 2018 13:55

Tgt Ion: 94 Resp: 639

Ion Ratio Lower Upper

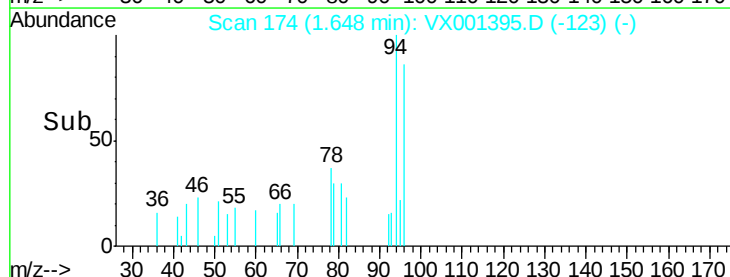
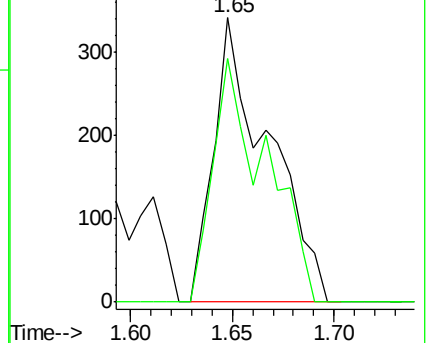
94 100

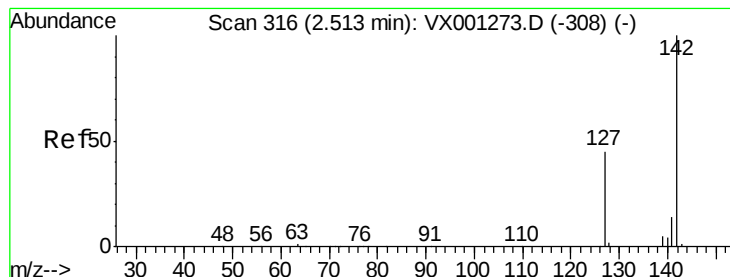
96 85.6 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

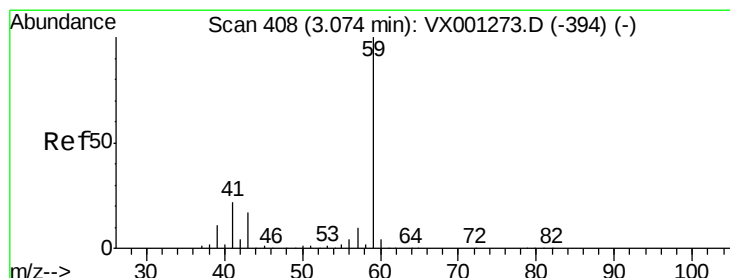
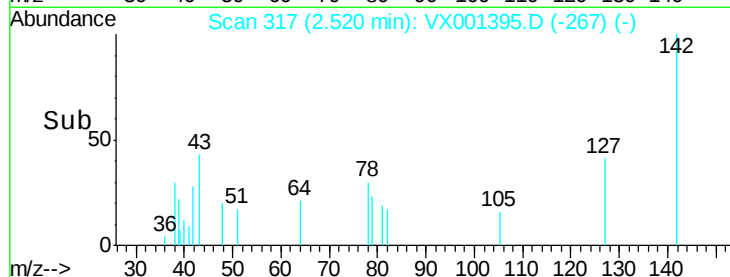
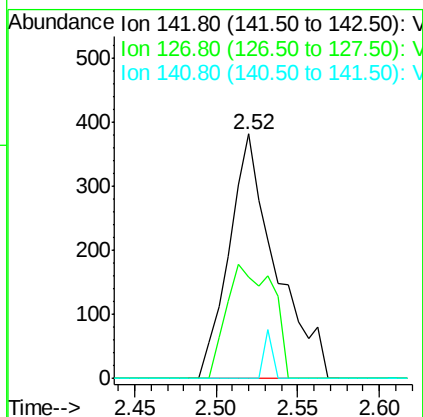
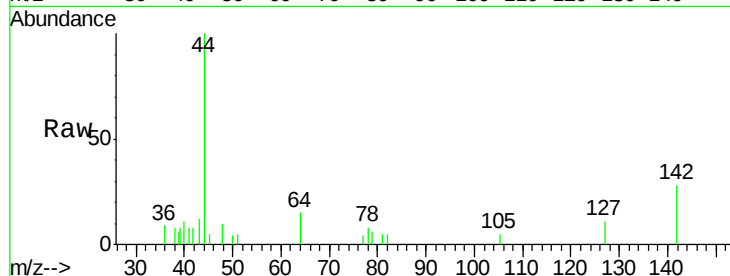




#10
Methyl Iodide
Concen: 4.68 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001395.D
Acq: 04 May 2018 13:55

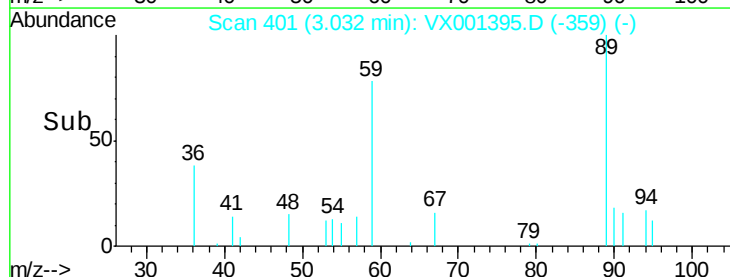
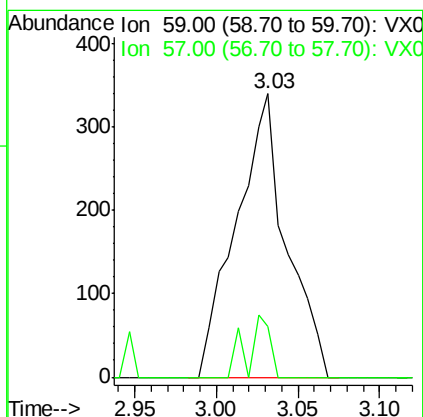
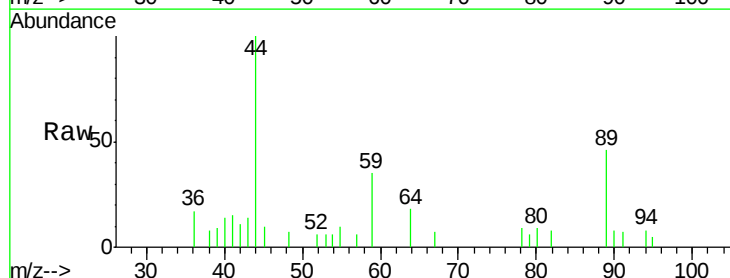
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBL02

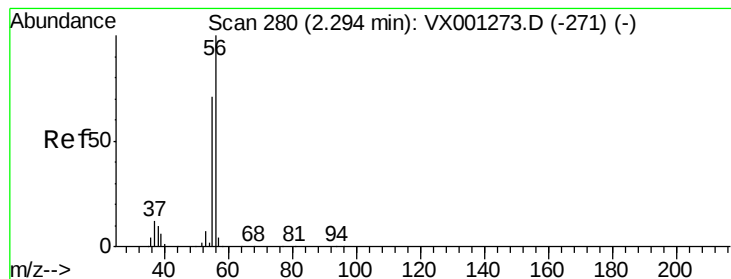
Tgt Ion: 142 Resp: 751
Ion Ratio Lower Upper
142 100
127 46.2 35.7 53.5
141 3.6 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.87 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.04 min
Lab File: VX001395.D
Acq: 04 May 2018 13:55

Tgt Ion: 59 Resp: 729
Ion Ratio Lower Upper
59 100
57 9.7 8.6 12.8





#13

Acrolein

Concen: 0.30 ug/l

RT: 2.33 min Scan# 286

Delta R.T. 0.04 min

Lab File: VX001395.D

Acq: 04 May 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

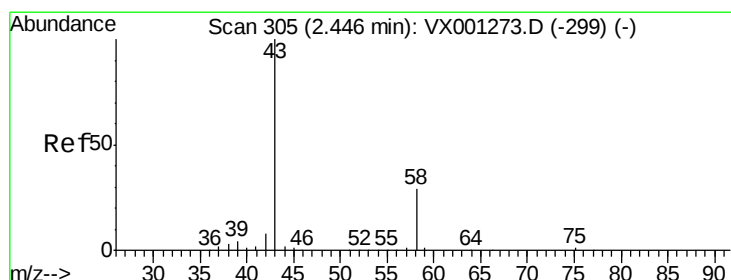
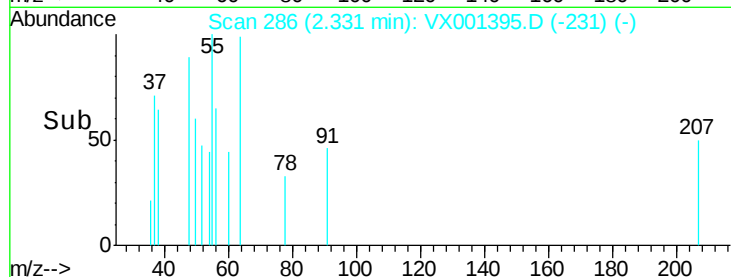
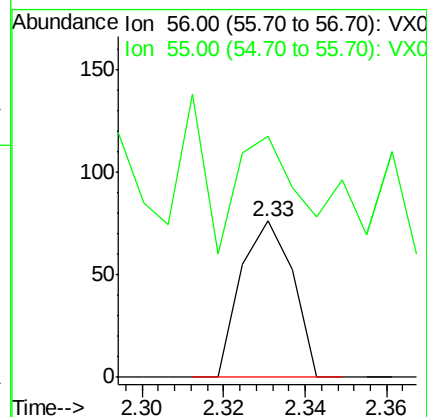
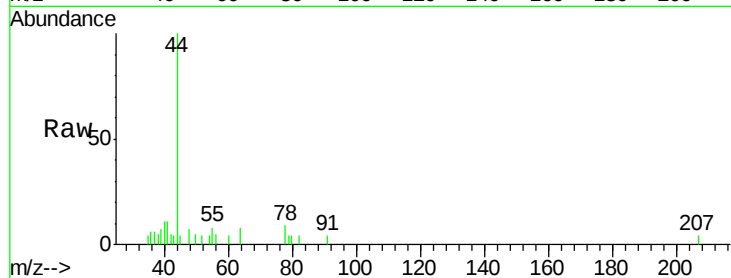
VX0504WBL02

Tgt Ion: 56 Resp: 67

Ion Ratio Lower Upper

56 100

55 0.0 57.2 85.8#



#16

Acetone

Concen: 0.64 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001395.D

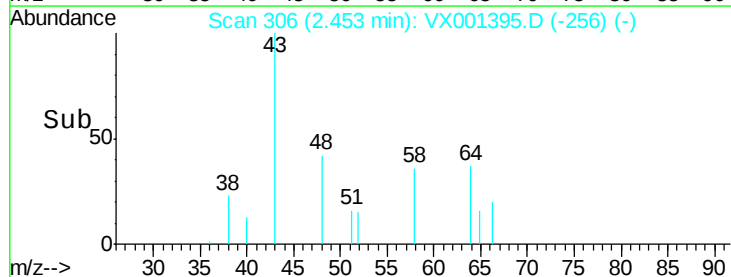
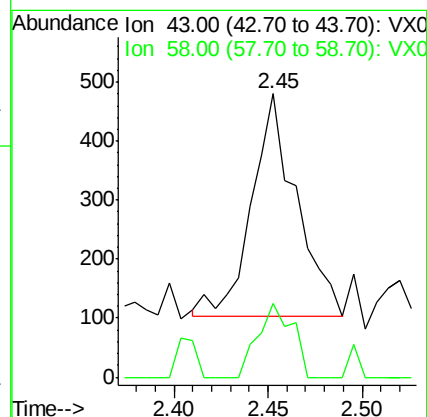
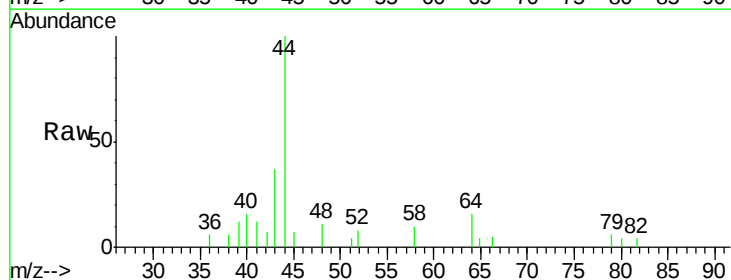
Acq: 04 May 2018 13:55

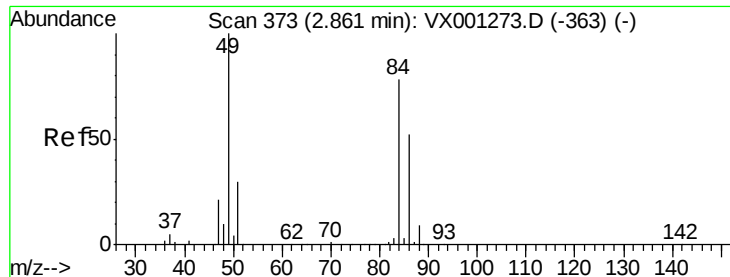
Tgt Ion: 43 Resp: 615

Ion Ratio Lower Upper

43 100

58 33.0 22.8 34.2

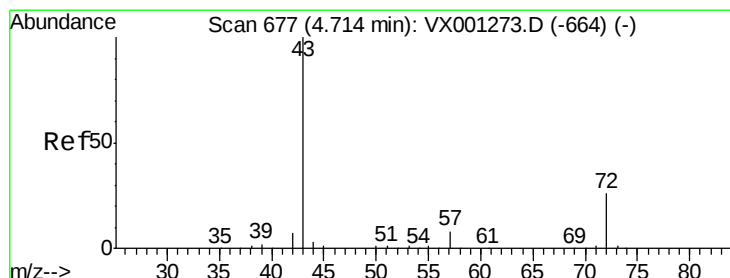
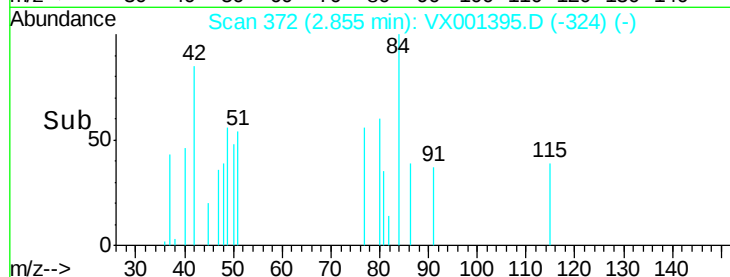
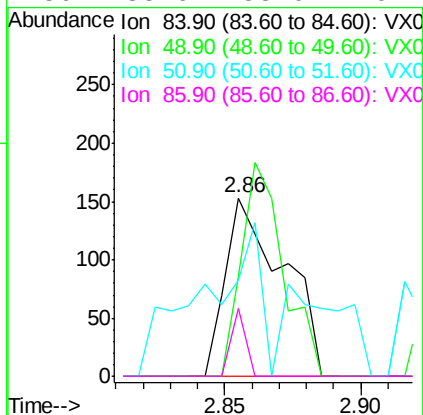
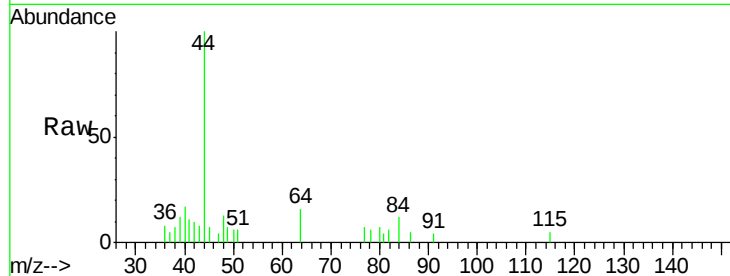




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX001395.D
Acq: 04 May 2018 13:55

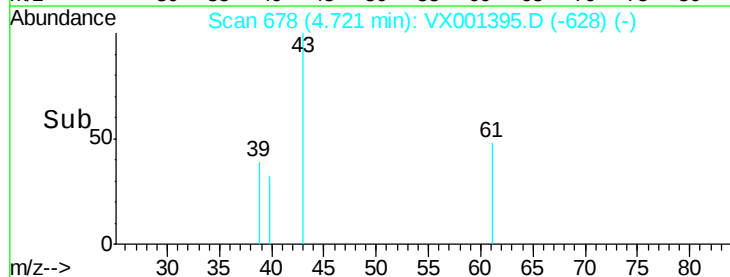
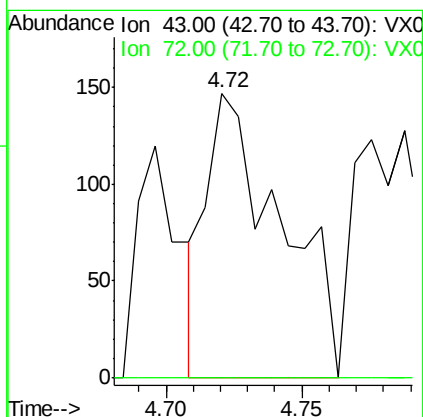
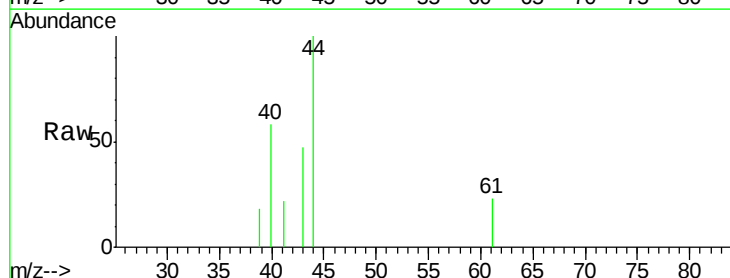
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBL02

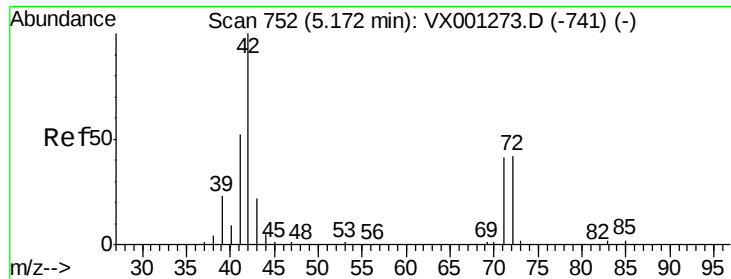
Tgt Ion: 84 Resp: 225
Ion Ratio Lower Upper
84 100
49 56.2 102.8 154.2#
51 17.6 30.9 46.3#
86 38.6 53.0 79.4#



#25
2-Butanone
Concen: 0.21 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX001395.D
Acq: 04 May 2018 13:55

Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

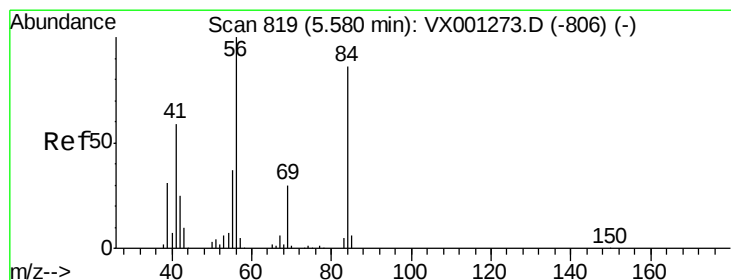
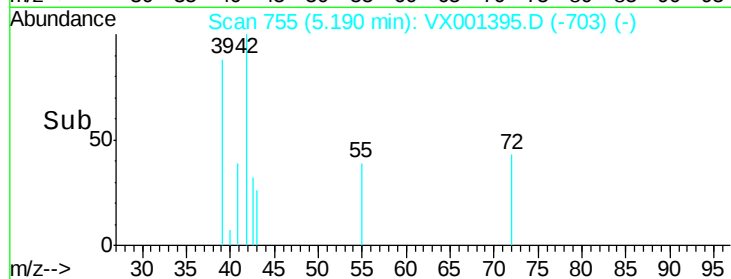
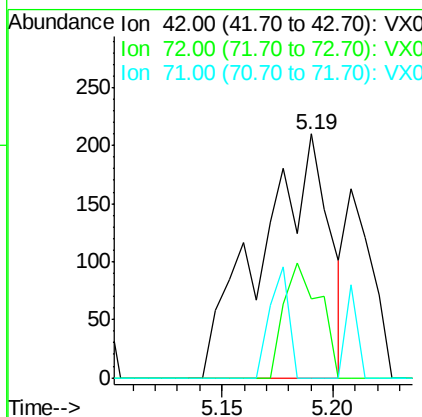
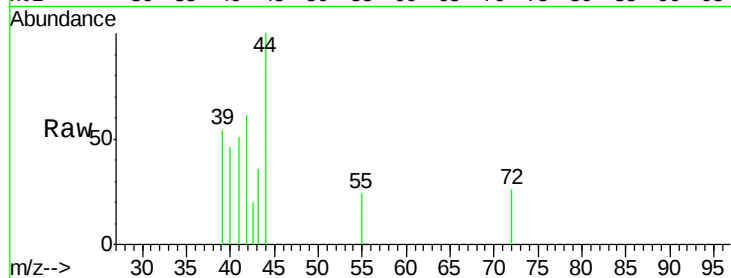




#29
Tetrahydrofuran
Concen: 0.56 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX001395.D
Acq: 04 May 2018 13:55

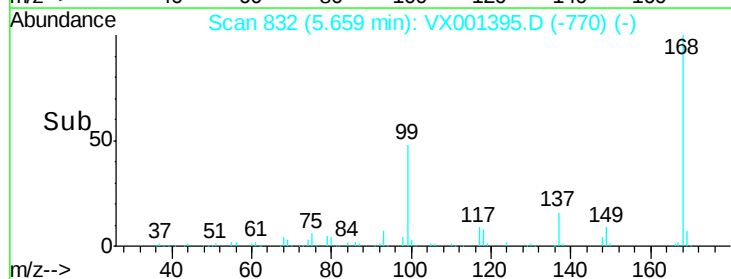
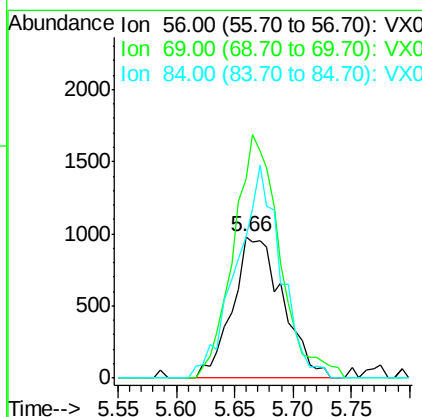
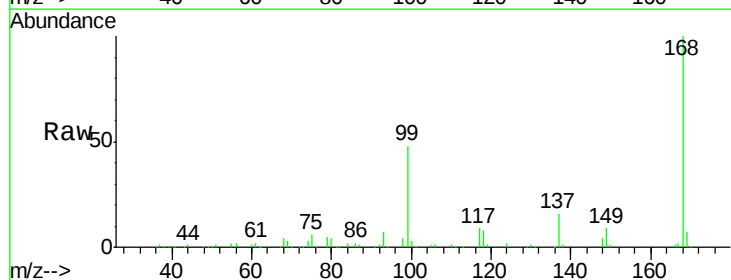
Instrument :
MSVOA_X
ClientSampled :
VX0504WBL02

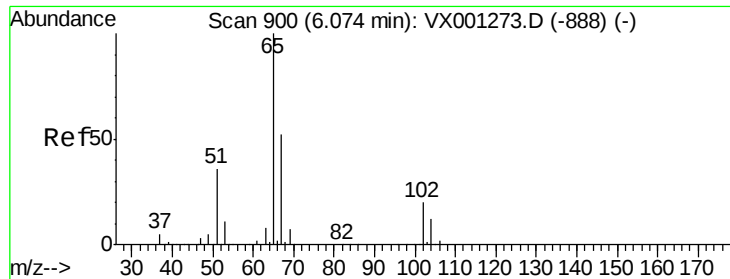
Tgt Ion: 42 Resp: 446
Ion Ratio Lower Upper
42 100
72 24.7 34.6 52.0#
71 12.8 32.7 49.1#



#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.08 min
Lab File: VX001395.D
Acq: 04 May 2018 13:55

Tgt Ion: 56 Resp: 2937
Ion Ratio Lower Upper
56 100
69 140.6 24.0 36.0#
84 99.8 69.0 103.4

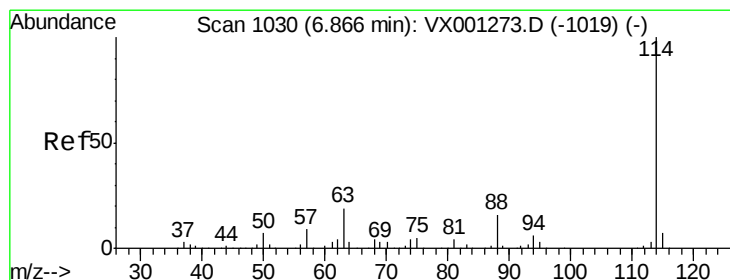
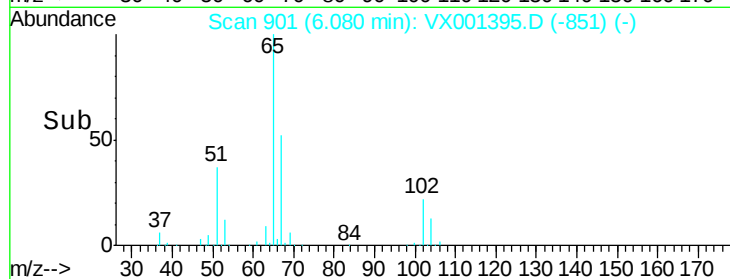
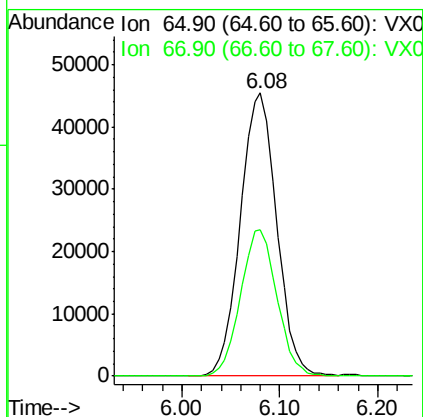
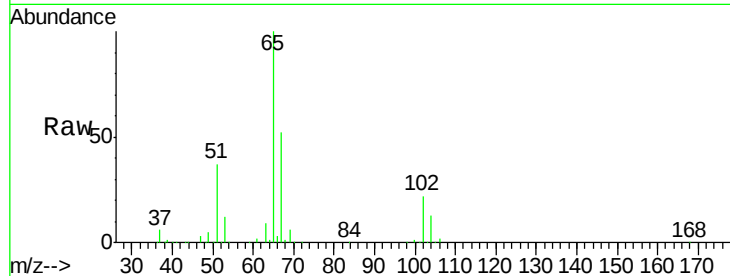




#33
 1,2-Dichloroethane-d4
 Concen: 51.95 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001395.D
 Acq: 04 May 2018 13:55

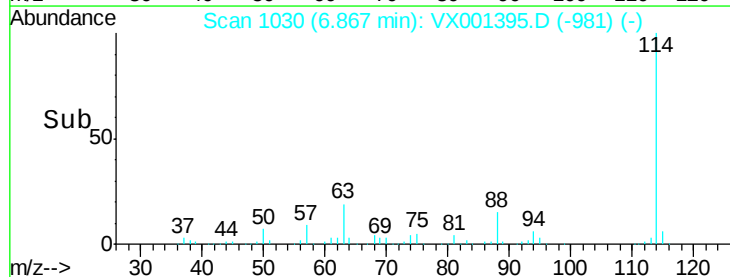
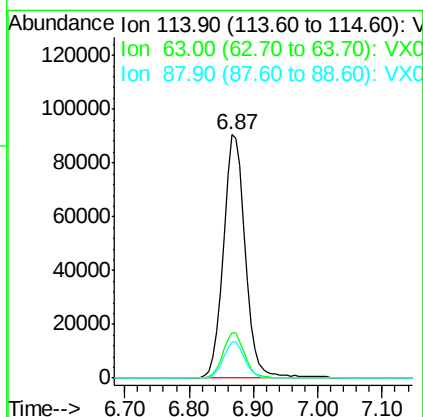
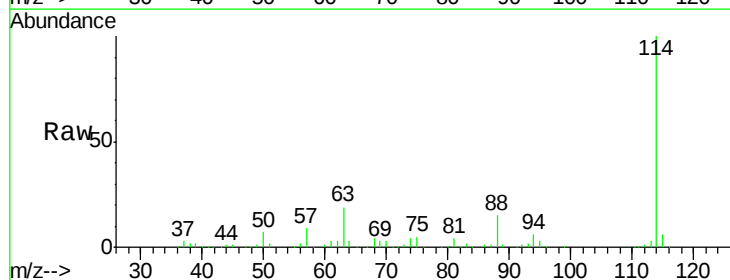
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBL02

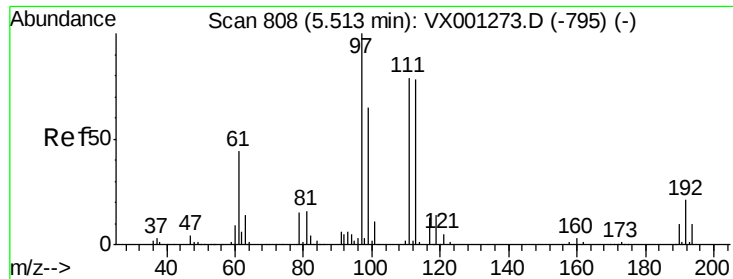
Tgt Ion: 65 Resp: 117570
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001395.D
 Acq: 04 May 2018 13:55

Tgt Ion: 114 Resp: 218309
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.8
 88 14.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.25 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001395.D

Acq: 04 May 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBL02

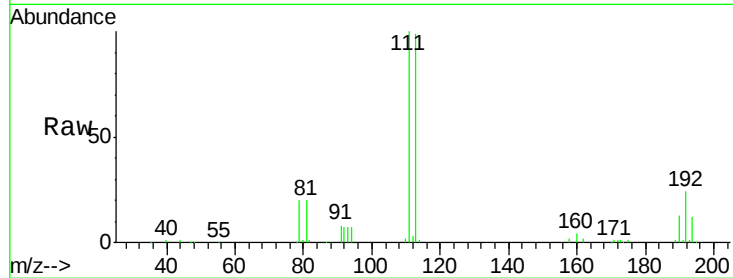
Tgt Ion:113 Resp: 98272

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

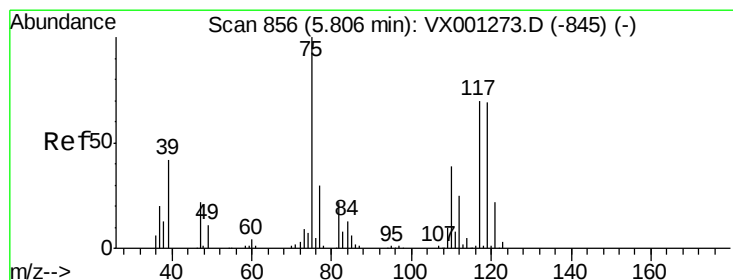
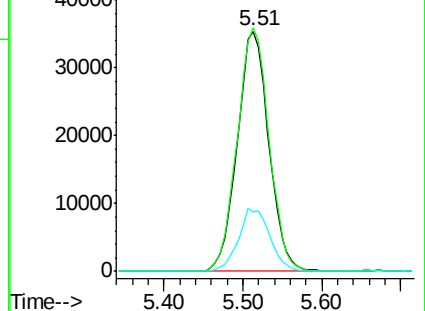
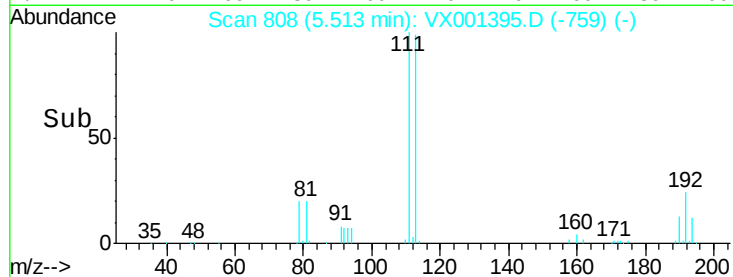
192 26.0 20.7 31.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.97 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001395.D

Acq: 04 May 2018 13:55

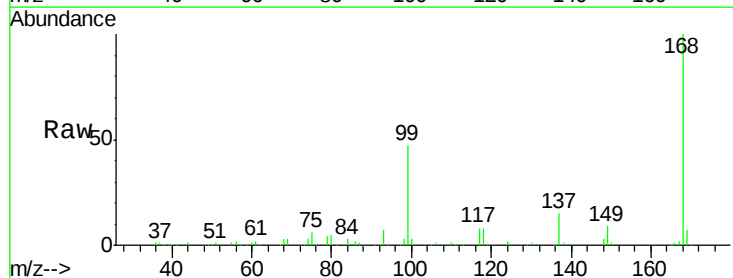
Tgt Ion: 75 Resp: 10014

Ion Ratio Lower Upper

75 100

110 10.3 18.9 56.9#

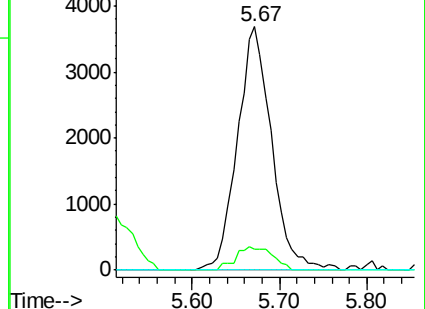
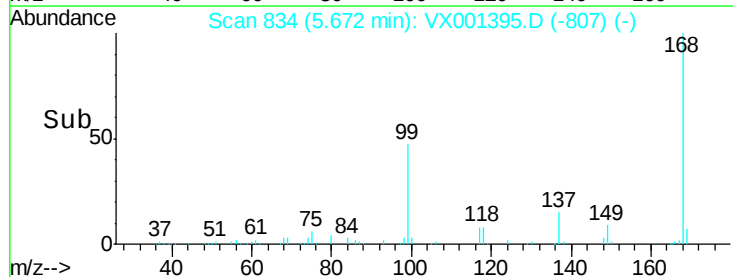
77 0.0 24.2 36.2#

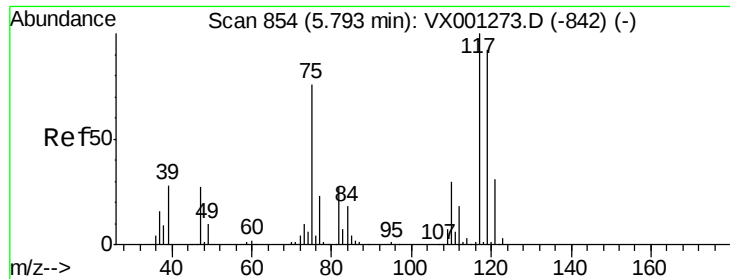


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.31 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001395.D

Acq: 04 May 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBL02

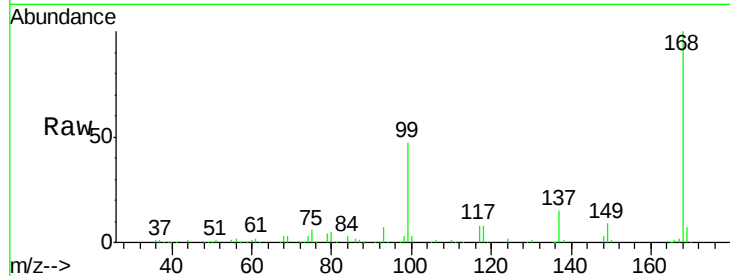
Tgt Ion:117 Resp: 14009

Ion Ratio Lower Upper

117 100

119 5.5 73.4 110.2#

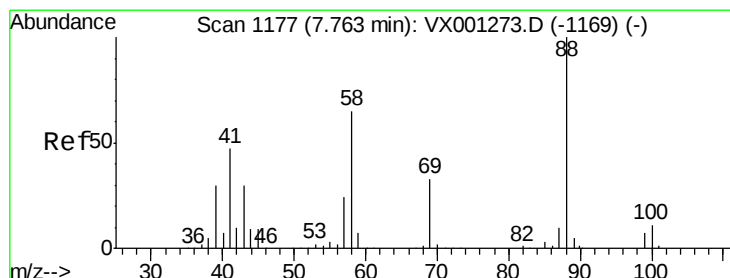
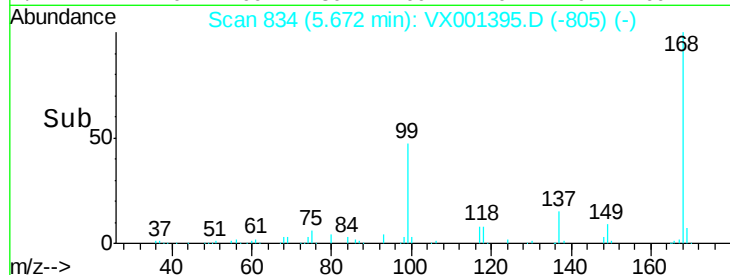
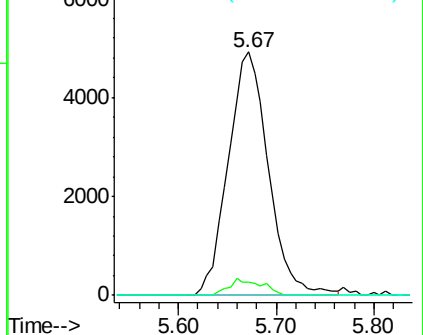
121 0.0 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 0.46 ug/l

RT: 7.74 min Scan# 1173

Delta R.T. -0.02 min

Lab File: VX001395.D

Acq: 04 May 2018 13:55

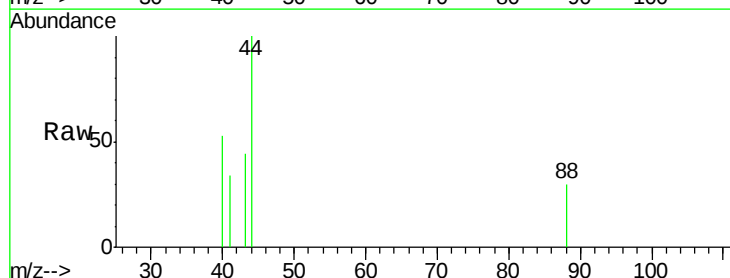
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 657.9 27.9 41.9#

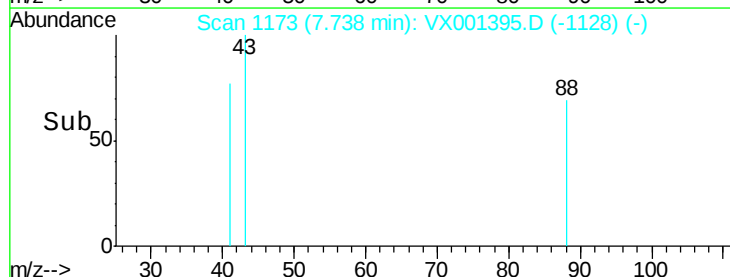
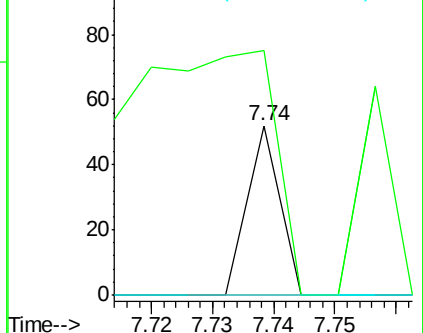
58 0.0 54.2 81.2#

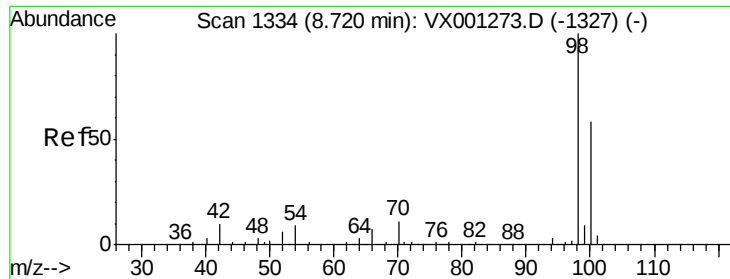


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 52.90 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001395.D

Acq: 04 May 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

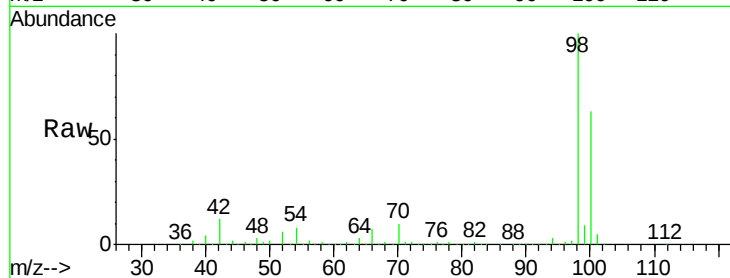
VX0504WBL02

Tgt Ion: 98 Resp: 355463

Ion Ratio Lower Upper

98 100

100 63.4 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

250000

200000

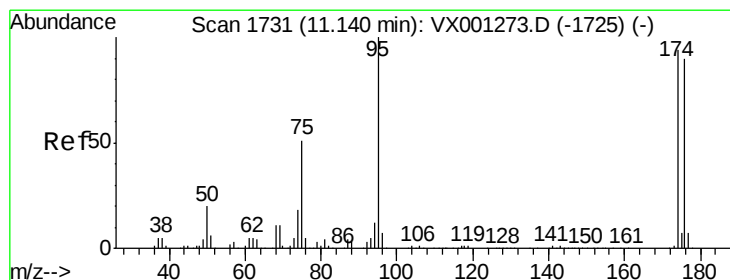
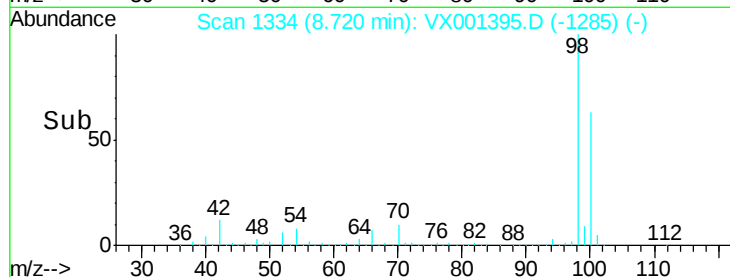
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.00 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001395.D

Acq: 04 May 2018 13:55

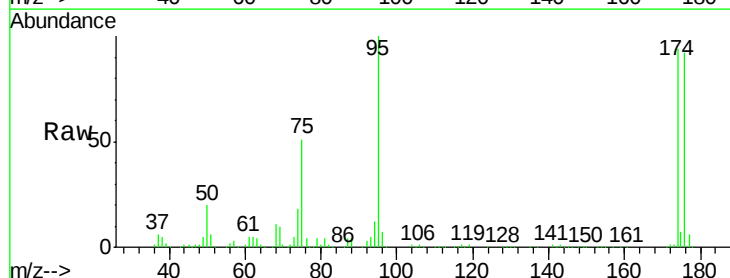
Tgt Ion: 95 Resp: 115556

Ion Ratio Lower Upper

95 100

174 104.5 0.0 201.8

176 102.7 0.0 197.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

120000

100000

80000

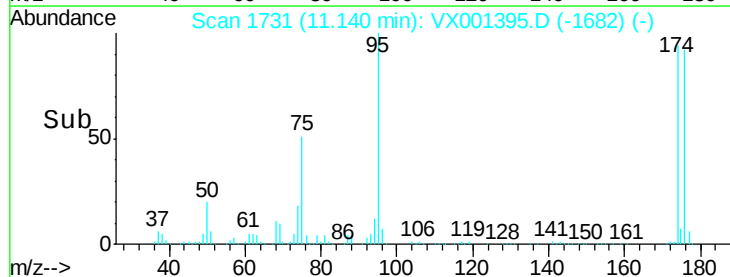
60000

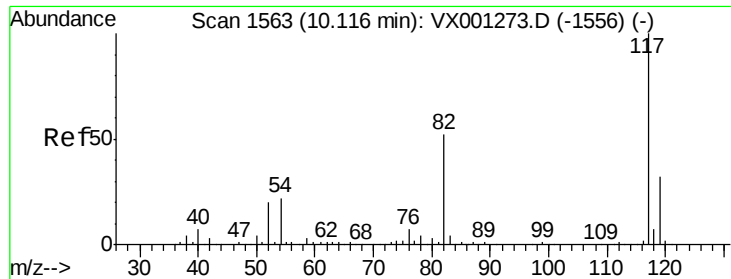
40000

20000

0

Time-->

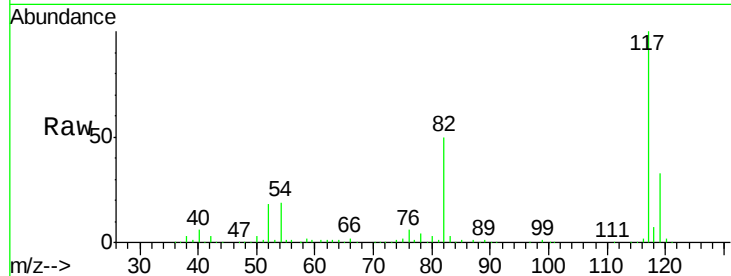




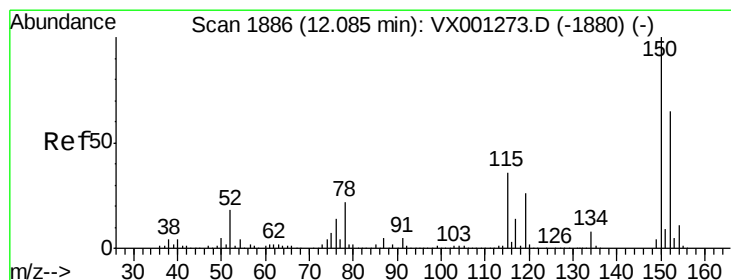
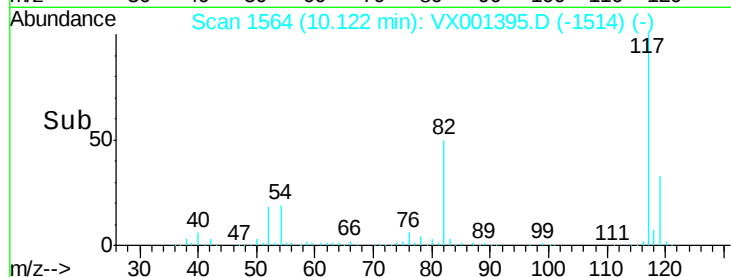
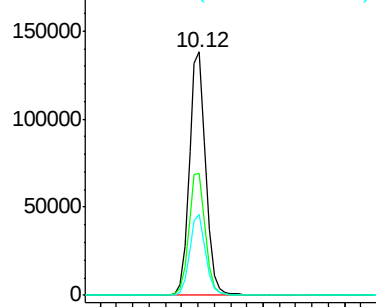
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001395.D
Acq: 04 May 2018 13:55

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBL02

Tgt Ion:117 Resp: 194946
Ion Ratio Lower Upper
117 100
82 50.2 41.4 62.0
119 33.1 25.5 38.3

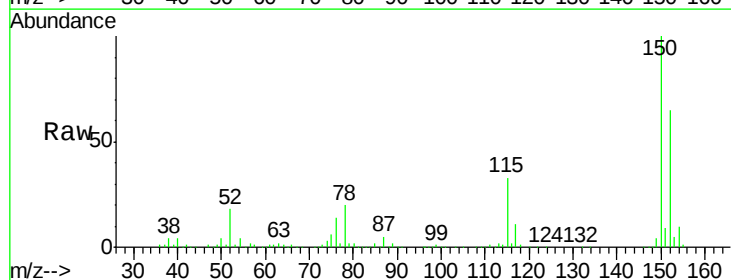


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

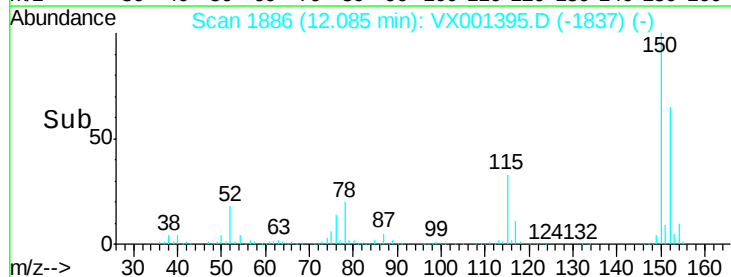
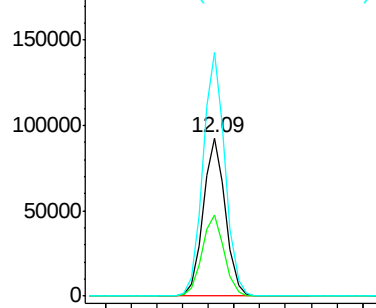


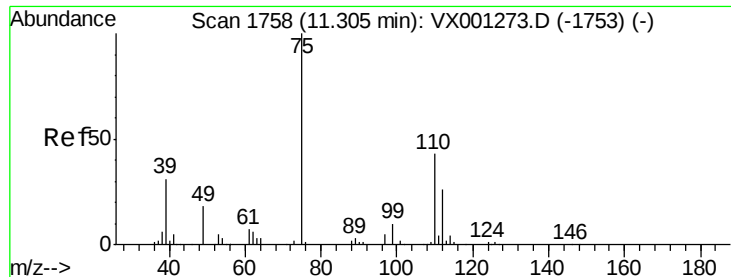
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001395.D
Acq: 04 May 2018 13:55

Tgt Ion:152 Resp: 110826
Ion Ratio Lower Upper
152 100
115 51.6 38.6 115.7
150 153.7 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.74 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001395.D

Acq: 04 May 2018 13:55

Instrument :

MSVOA_X

ClientSampleId :

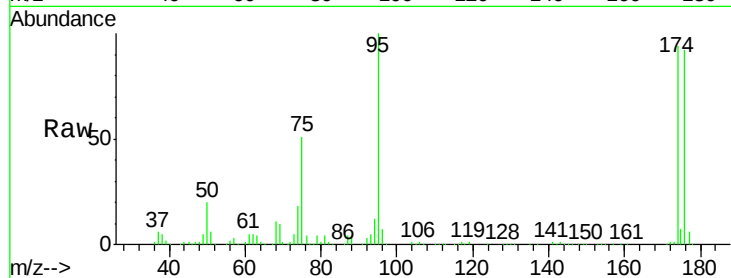
VX0504WBL02

Tgt Ion: 75 Resp: 58896

Ion Ratio Lower Upper

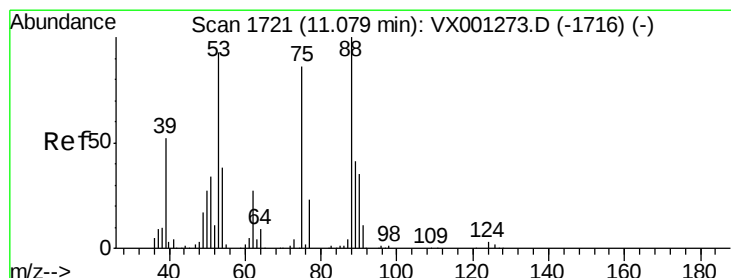
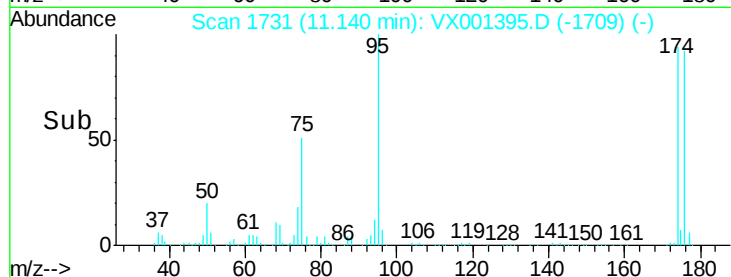
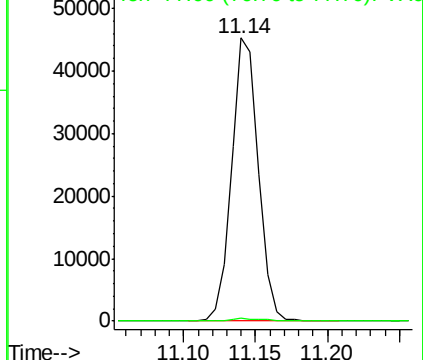
75 100

77 1.1 18.9 56.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 89.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001395.D

Acq: 04 May 2018 13:55

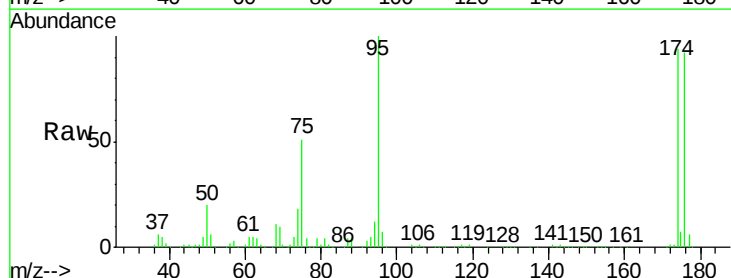
Tgt Ion: 75 Resp: 58896

Ion Ratio Lower Upper

75 100

53 0.0 87.1 130.7#

89 0.0 38.9 58.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

