

Data File : VX001158.D
Acq On : 27 Apr 2018 07:05
Operator : JC/MD
Sample : PB108612ZHE#10 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#10

Quant Time: Apr 27 08:13:37 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	286743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	251809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133605	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	133921	41.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.46%	
35) Dibromofluoromethane	5.51	113	103036	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
50) Toluene-d8	8.72	98	400025	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
62) 4-Bromofluorobenzene	11.14	95	131701	37.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.28%	

Target Compounds			Qvalue			
5) Bromomethane	1.65	94	316	Below Cal	#	43
10) Methyl Iodide	2.51	142	70	7.27	ug/l #	41
13) Acrolein	2.34	56	56	0.23	ug/l #	1
16) Acetone	2.45	43	3708	2.81	ug/l	95
18) Methyl Acetate	2.79	43	3951	1.20	ug/l	96
20) Methylene Chloride	2.86	84	1071	0.44	ug/l #	83
25) 2-Butanone	4.73	43	906	0.46	ug/l #	88
29) Tetrahydrofuran	5.17	42	544	0.43	ug/l #	43
31) Cyclohexane	5.68	56	3825	1.12	ug/l #	25
36) 1,1-Dichloropropene	5.67	75	12740	4.03	ug/l #	49
38) Carbon Tetrachloride	5.67	117	18554	5.73	ug/l #	15
54) cis-1,3-Dichloropropene	9.05	75	21	3.19	ug/l #	32
76) 1,2,3-Trichloropropane	11.14	75	68461	25.16	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	68461	76.91	ug/l #	6

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

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Instrument :

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ClientSampleId :

PB108612ZHE#10

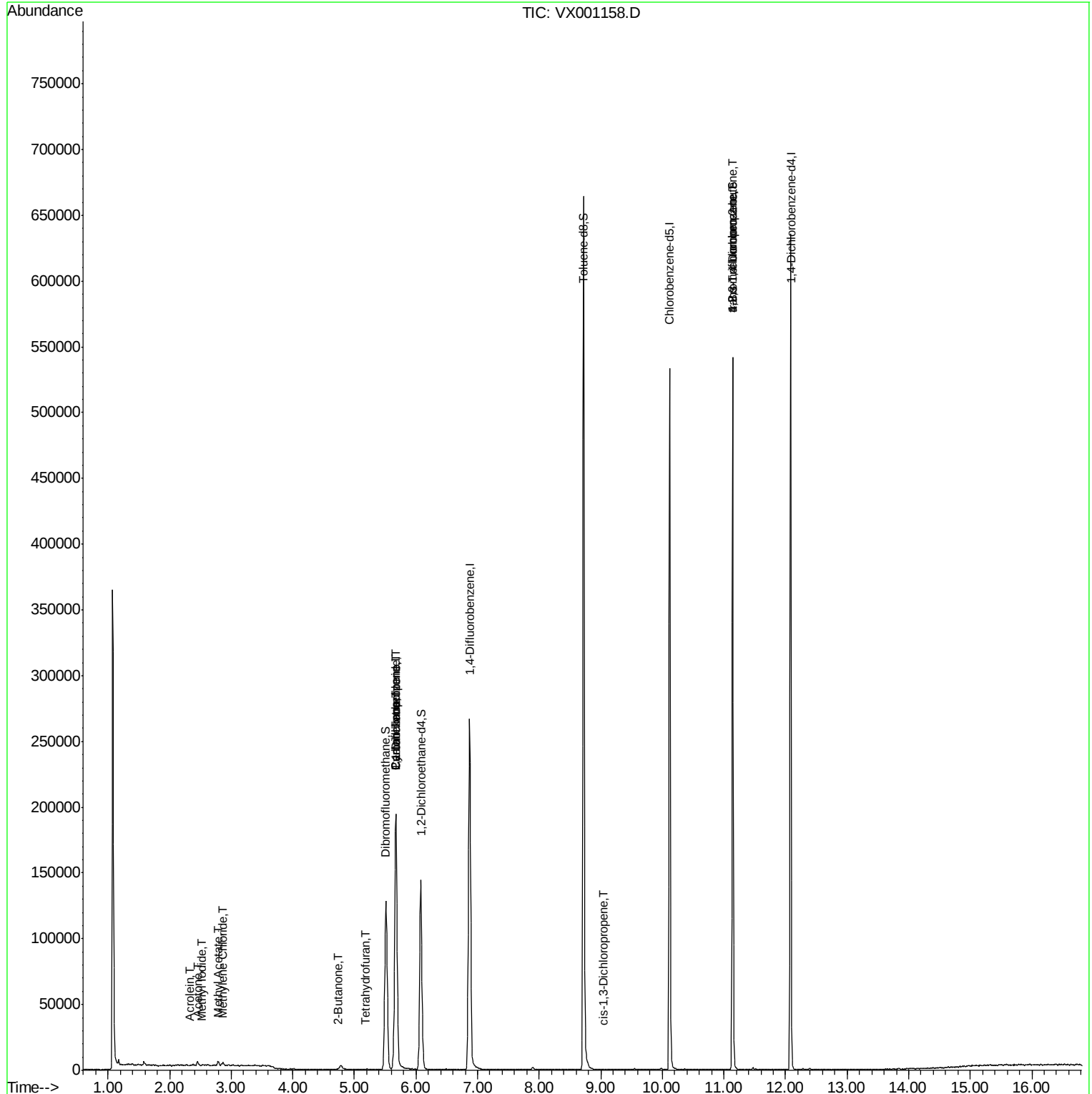
Quant Time: Apr 27 08:13:37 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 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: VX001158.D

Acq: 27 Apr 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

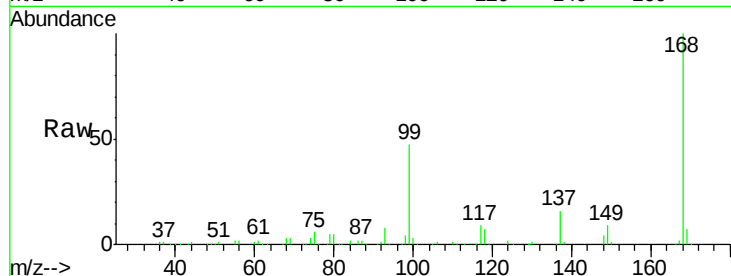
PB108612ZHE#10

Tgt Ion:168 Resp: 207041

Ion Ratio Lower Upper

168 100

99 47.0 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

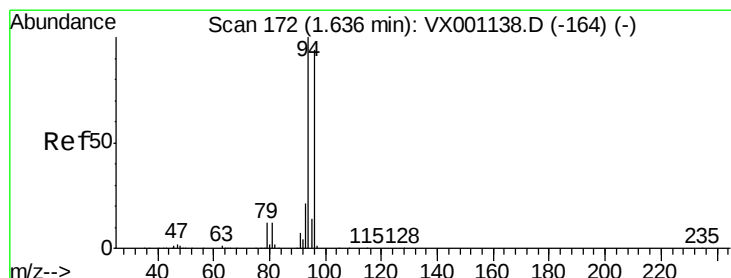
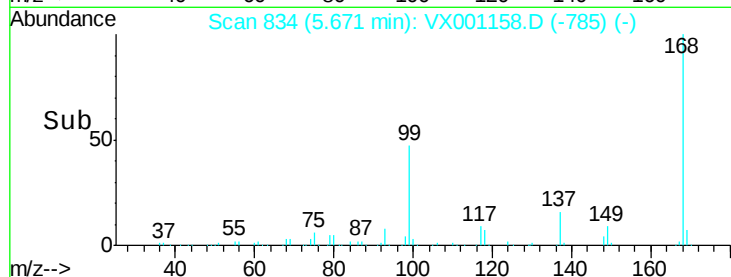
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001158.D

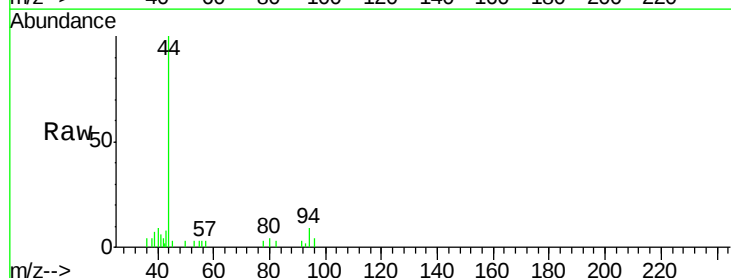
Acq: 27 Apr 2018 07:05

Tgt Ion: 94 Resp: 316

Ion Ratio Lower Upper

94 100

96 39.4 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

200

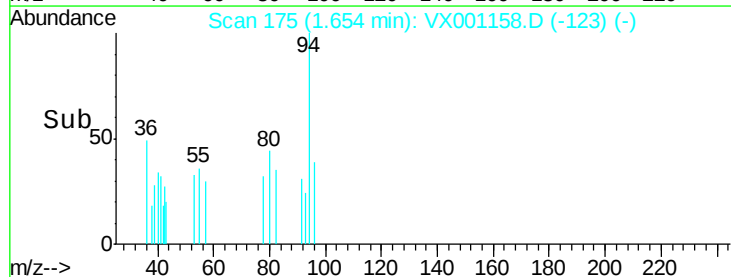
150

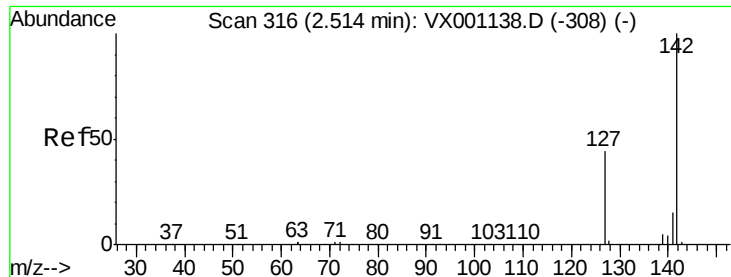
100

50

0

Time--> 1.60 1.65 1.70

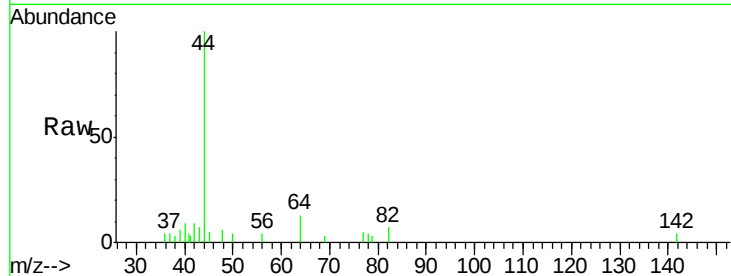




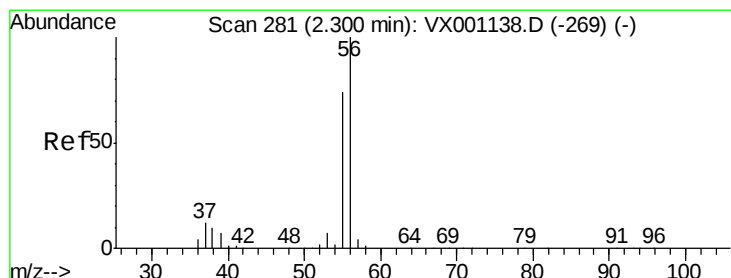
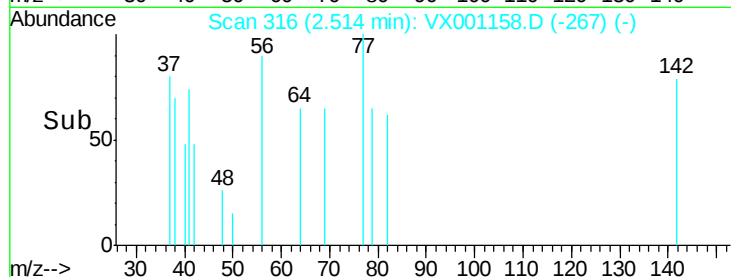
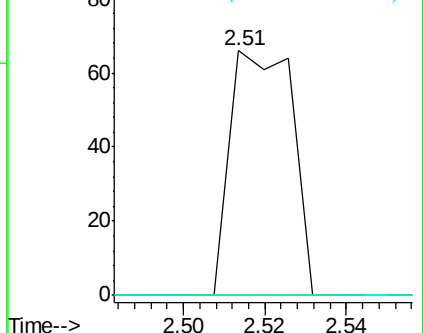
#10
Methyl Iodide
Concen: 7.27 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001158.D
Acq: 27 Apr 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#10

Tgt Ion: 142 Resp: 70
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.6 17.4#

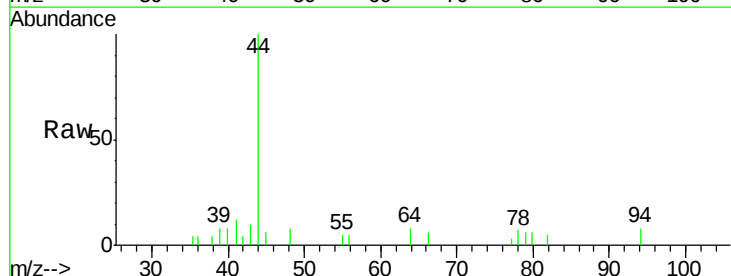


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

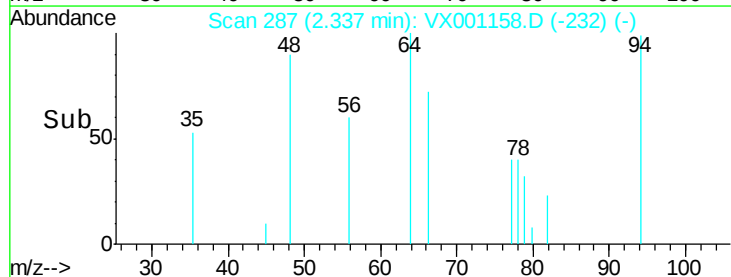
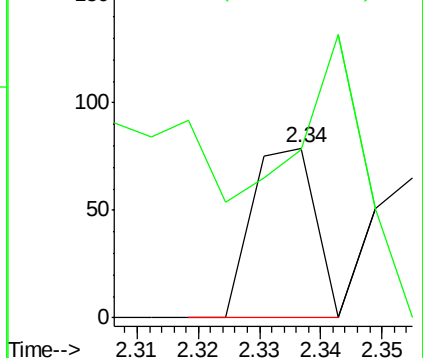


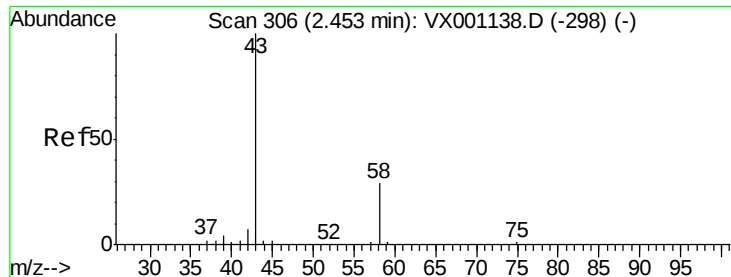
#13
Acrolein
Concen: 0.23 ug/l
RT: 2.34 min Scan# 287
Delta R.T. 0.04 min
Lab File: VX001158.D
Acq: 27 Apr 2018 07:05

Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 212.5 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 2.81 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001158.D

Acq: 27 Apr 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

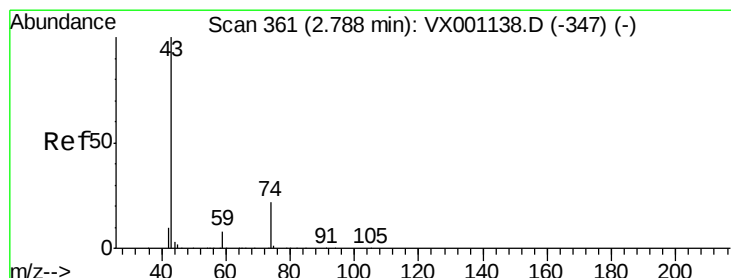
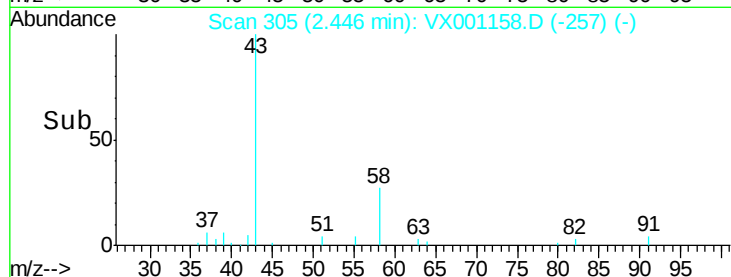
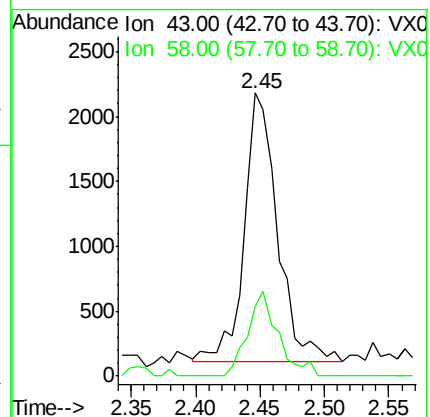
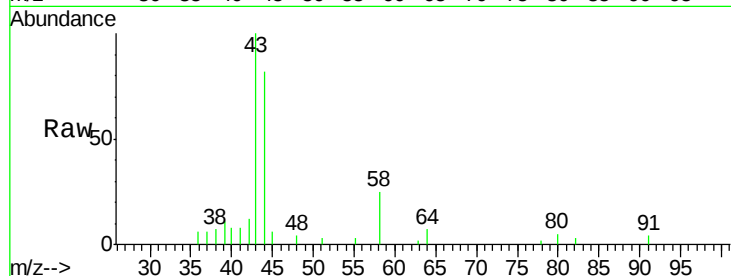
PB108612ZHE#10

Tgt Ion: 43 Resp: 3708

Ion Ratio Lower Upper

43 100

58 26.0 23.0 34.6



#18

Methyl Acetate

Concen: 1.20 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX001158.D

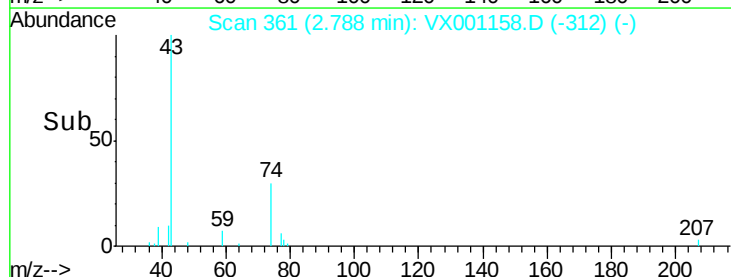
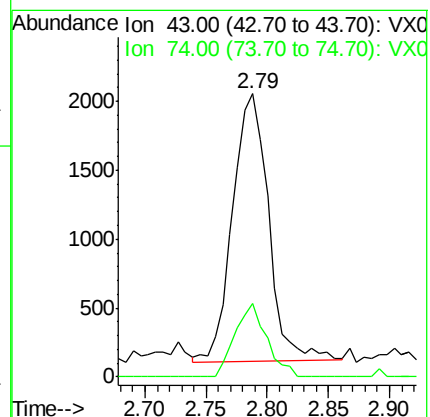
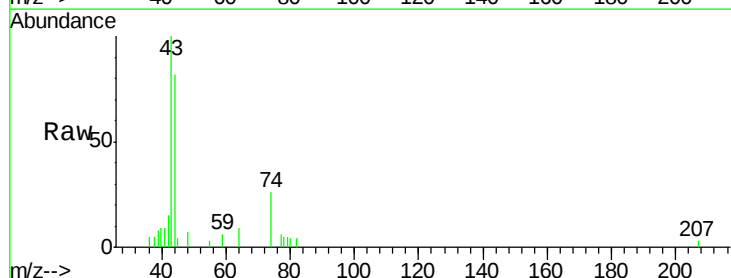
Acq: 27 Apr 2018 07:05

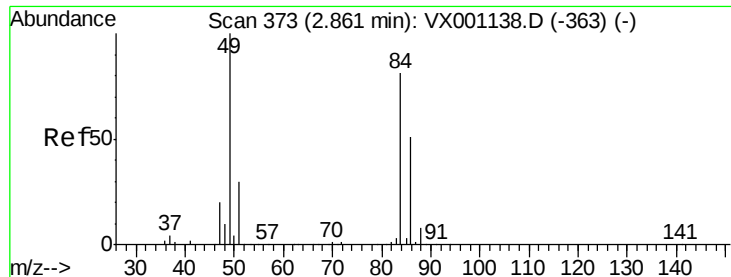
Tgt Ion: 43 Resp: 3951

Ion Ratio Lower Upper

43 100

74 24.3 18.1 27.1

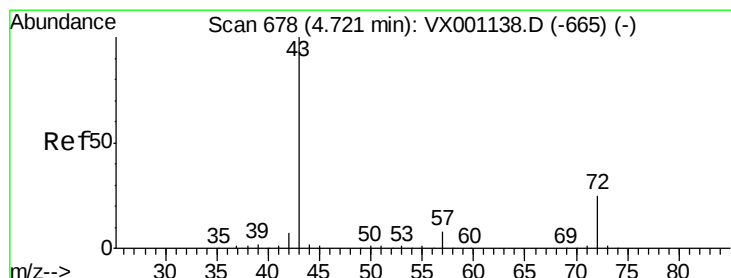
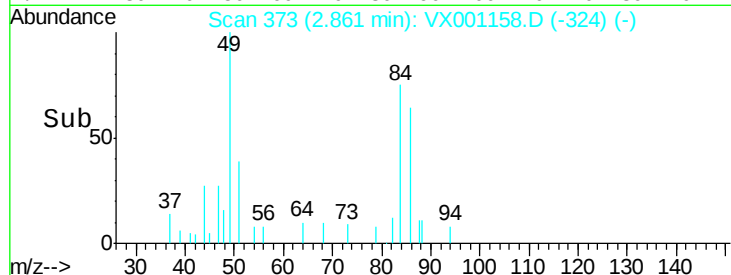
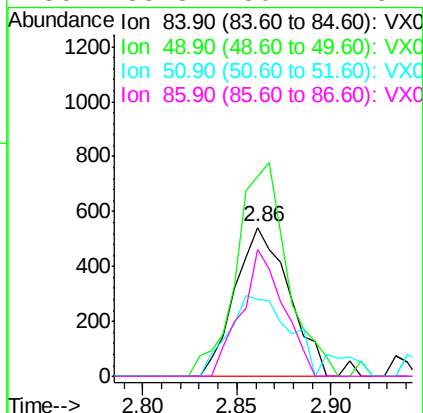
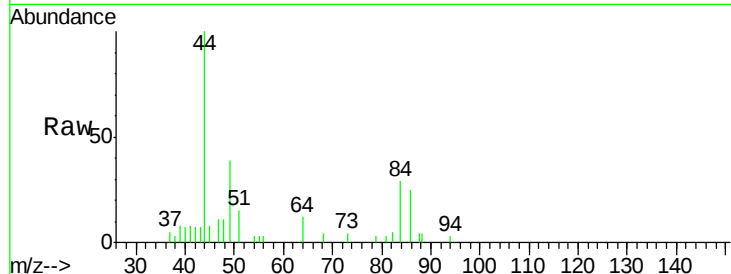




#20
Methylene Chloride
Concen: 0.44 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001158.D
Acq: 27 Apr 2018 07:05

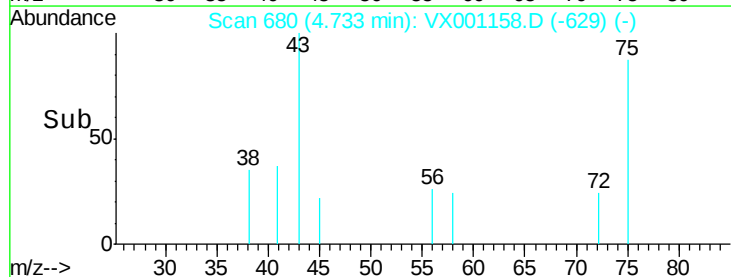
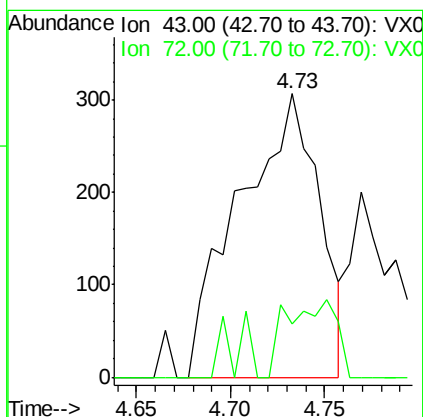
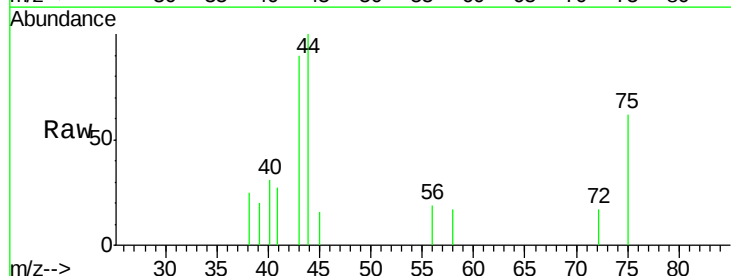
Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#10

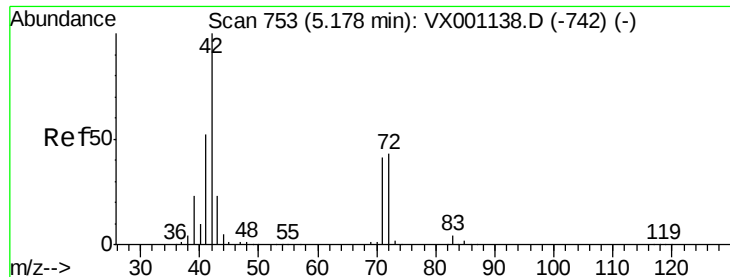
Tgt Ion: 84 Resp: 1071
Ion Ratio Lower Upper
84 100
49 133.9 99.2 148.8
51 51.7 29.5 44.3#
86 85.3 50.2 75.2#



#25
2-Butanone
Concen: 0.46 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX001158.D
Acq: 27 Apr 2018 07:05

Tgt Ion: 43 Resp: 906
Ion Ratio Lower Upper
43 100
72 18.9 20.0 30.0#





#29

Tetrahydrofuran

Concen: 0.43 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX001158.D

Acq: 27 Apr 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

PB108612ZHE#10

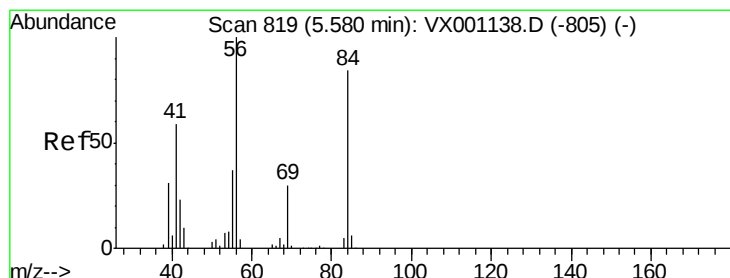
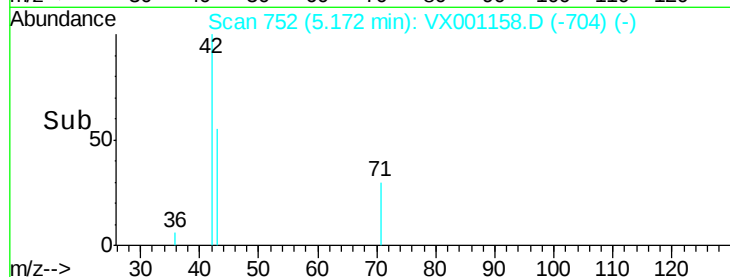
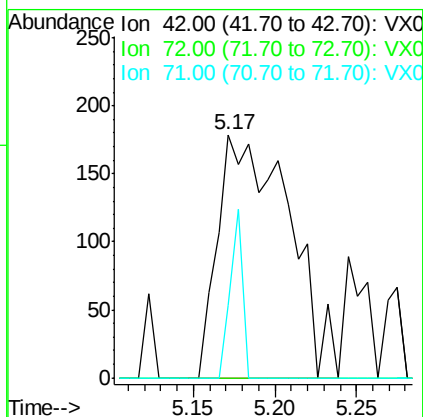
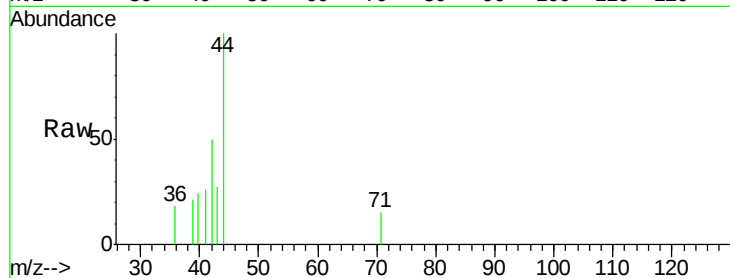
Tgt Ion: 42 Resp: 544

Ion Ratio Lower Upper

42 100

72 0.0 34.4 51.6#

71 11.9 32.1 48.1#



#31

Cyclohexane

Concen: 1.12 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.10 min

Lab File: VX001158.D

Acq: 27 Apr 2018 07:05

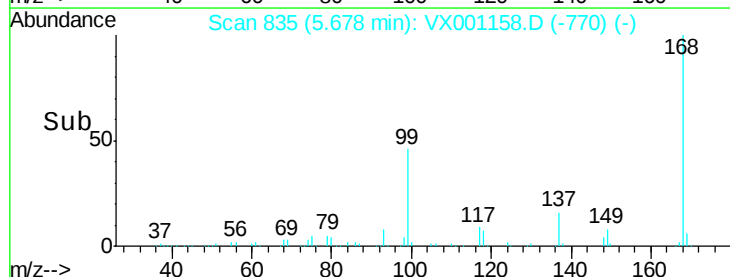
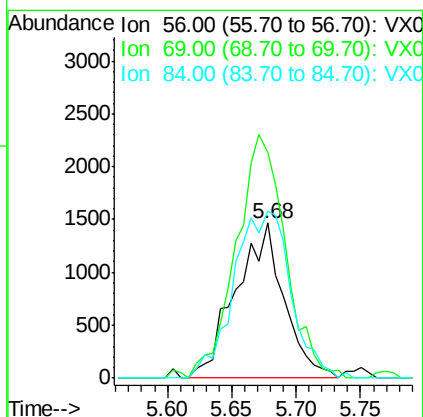
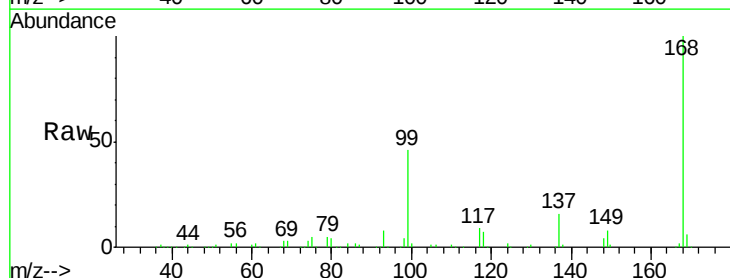
Tgt Ion: 56 Resp: 3825

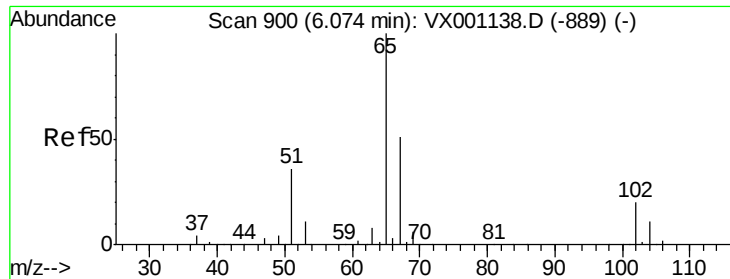
Ion Ratio Lower Upper

56 100

69 145.7 24.2 36.2#

84 107.6 67.5 101.3#

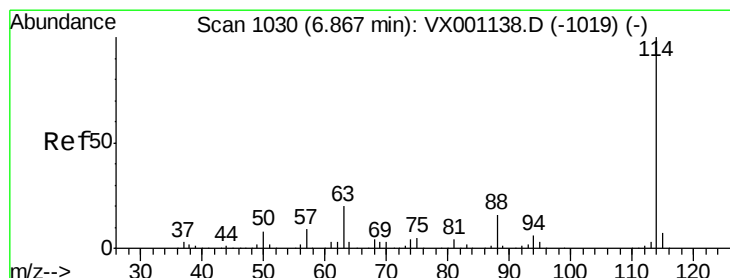
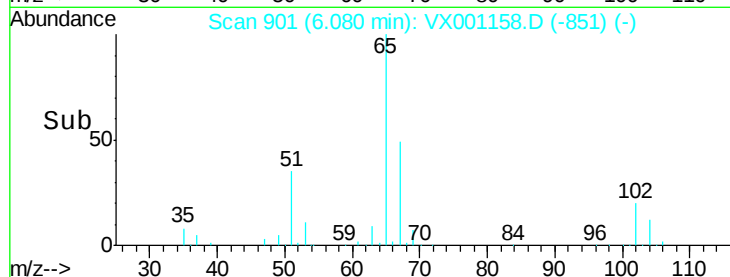
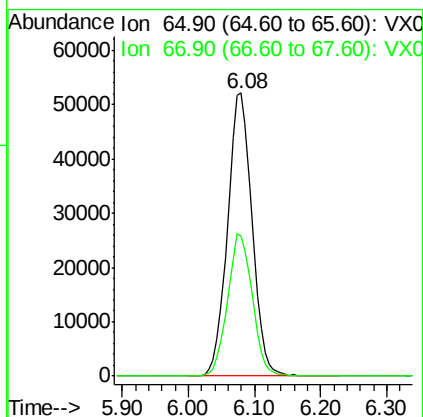
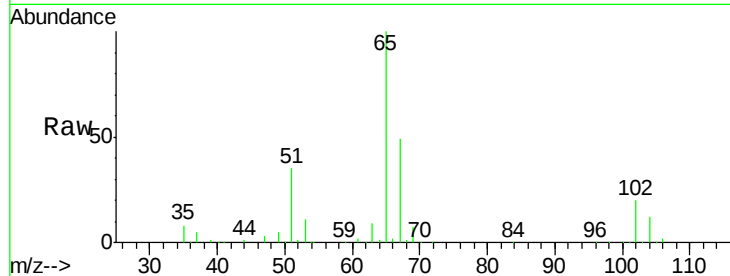




#33
 1,2-Dichloroethane-d4
 Concen: 41.73 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001158.D
 Acq: 27 Apr 2018 07:05

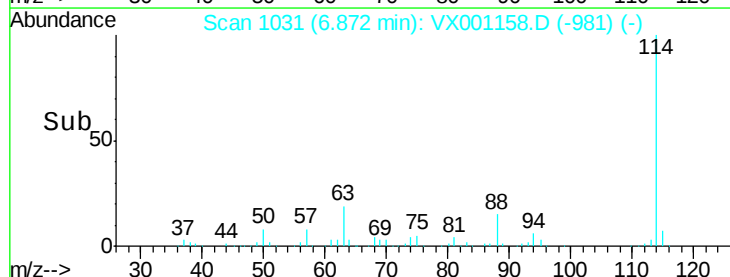
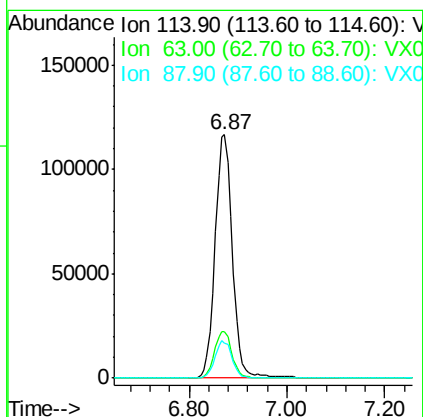
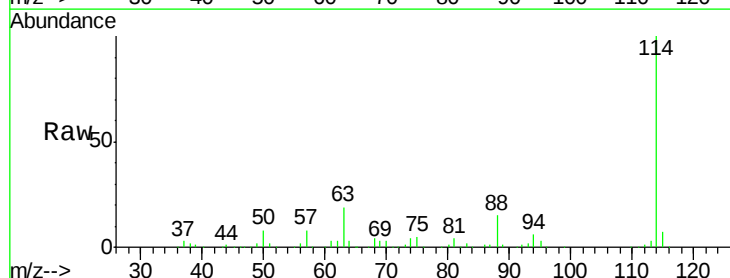
Instrument :
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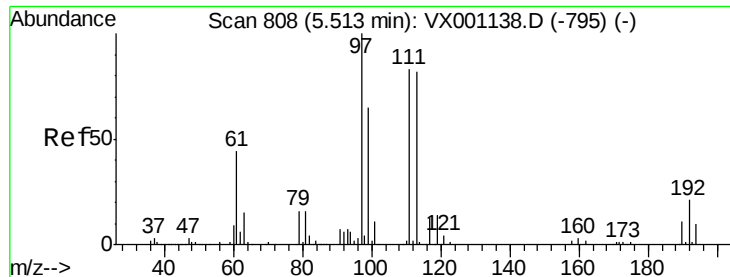
Tgt Ion: 65 Resp: 133921
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001158.D
 Acq: 27 Apr 2018 07:05

Tgt Ion: 114 Resp: 286743
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.4
 88 14.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 43.41 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001158.D

Acq: 27 Apr 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

PB108612ZHE#10

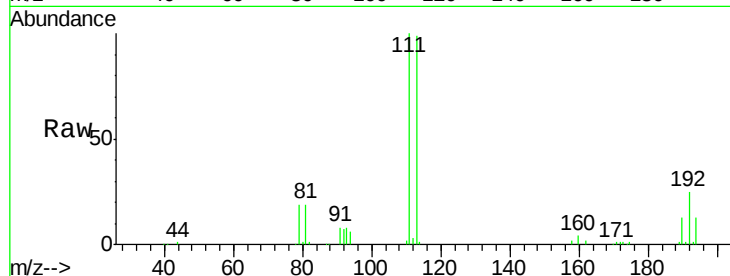
Tgt Ion:113 Resp: 103036

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

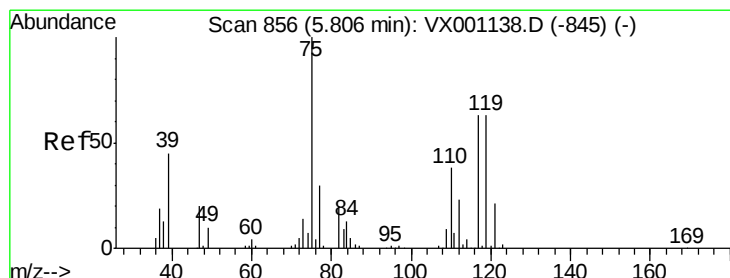
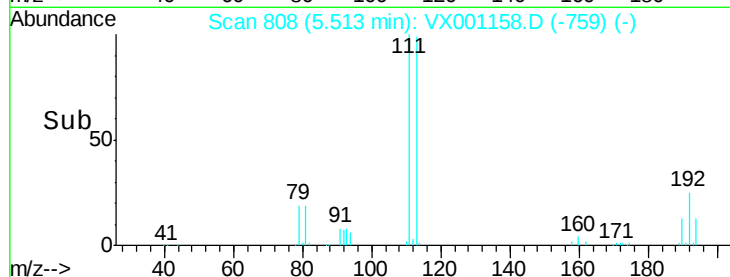
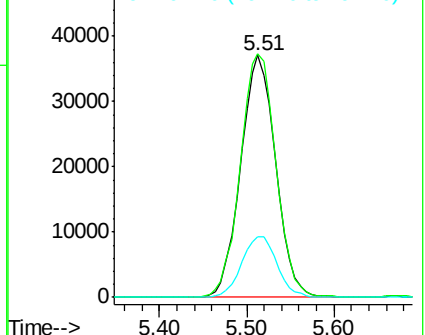
192 25.4 20.6 30.8



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: 4.03 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001158.D

Acq: 27 Apr 2018 07:05

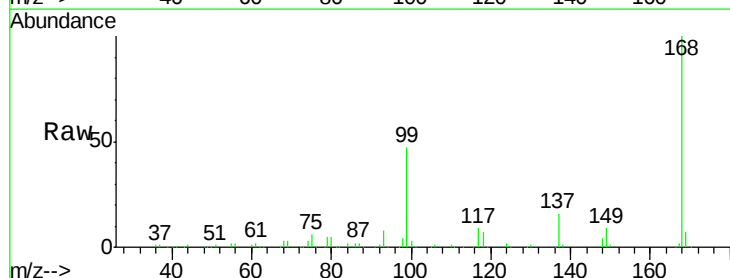
Tgt Ion: 75 Resp: 12740

Ion Ratio Lower Upper

75 100

110 10.4 19.0 57.0#

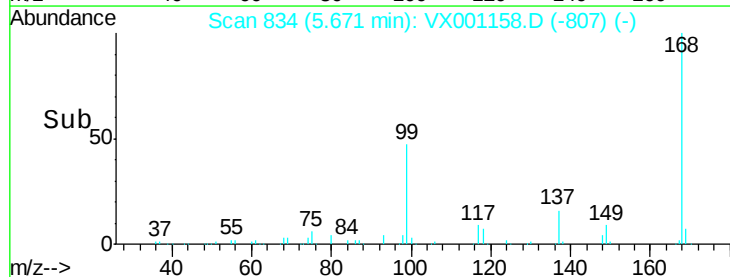
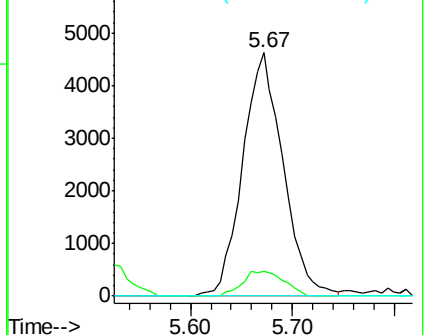
77 0.0 24.8 37.2#

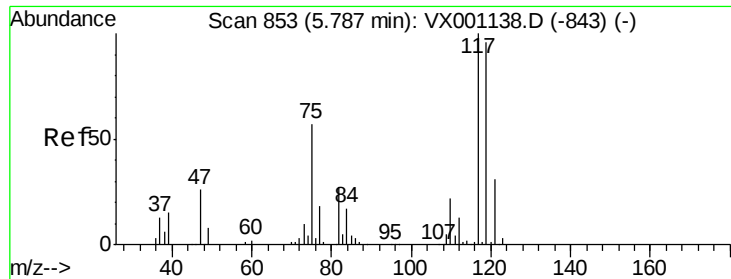


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.73 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001158.D

Acq: 27 Apr 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

PB108612ZHE#10

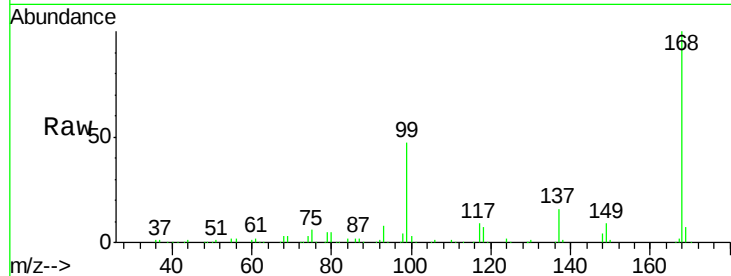
Tgt Ion: 117 Resp: 18554

Ion Ratio Lower Upper

117 100

119 3.9 76.5 114.7#

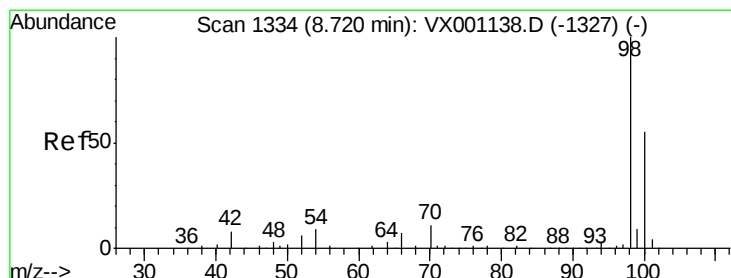
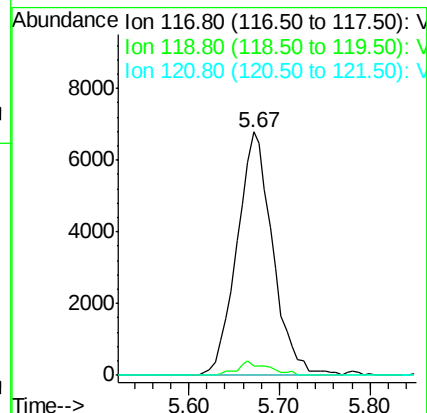
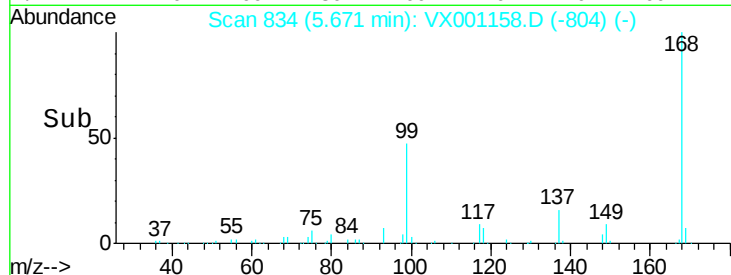
121 0.0 24.6 37.0#



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



#50

Toluene-d8

Concen: 44.66 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001158.D

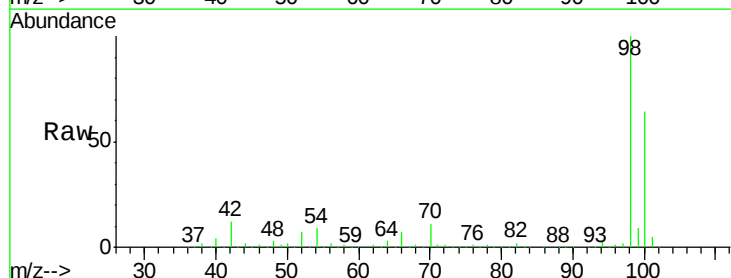
Acq: 27 Apr 2018 07:05

Tgt Ion: 98 Resp: 400025

Ion Ratio Lower Upper

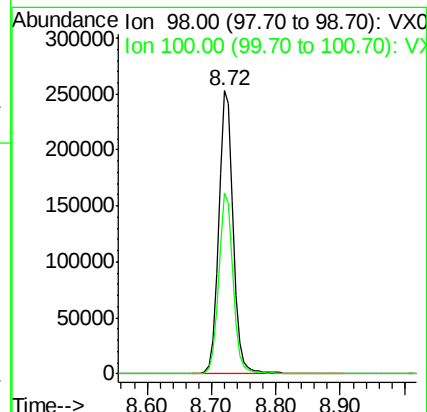
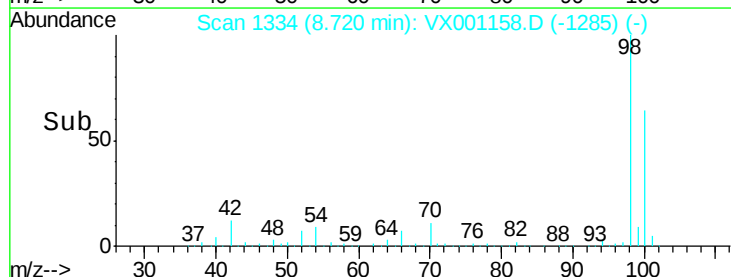
98 100

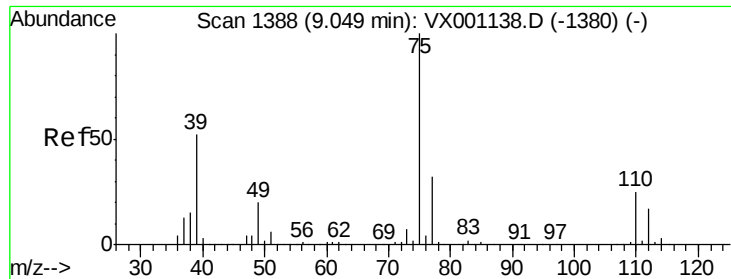
100 63.7 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

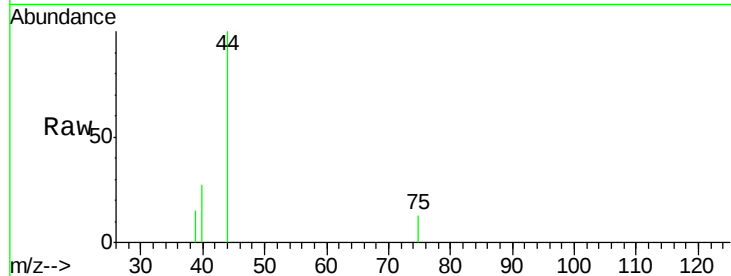




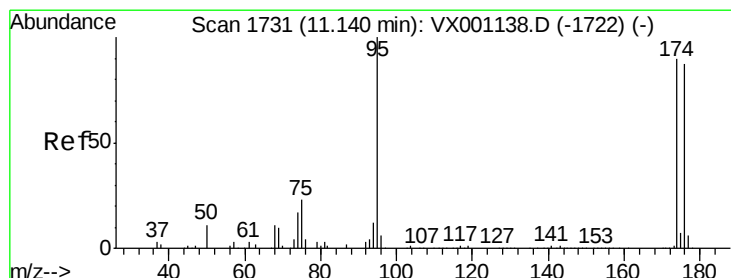
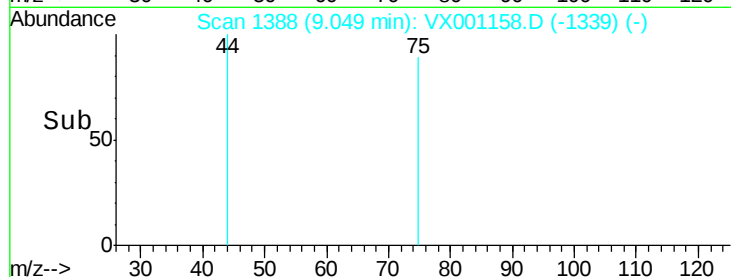
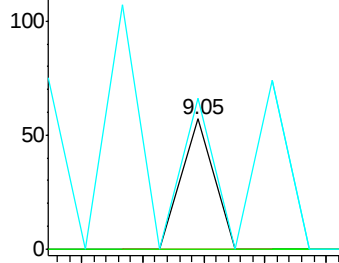
#54
 cis-1,3-Dichloropropene
 Concen: 3.19 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001158.D
 Acq: 27 Apr 2018 07:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108612ZHE#10

Tgt Ion: 75 Resp: 21
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#
 39 0.0 42.0 63.0#

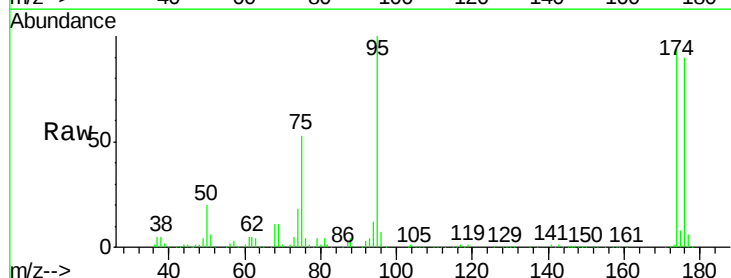


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0

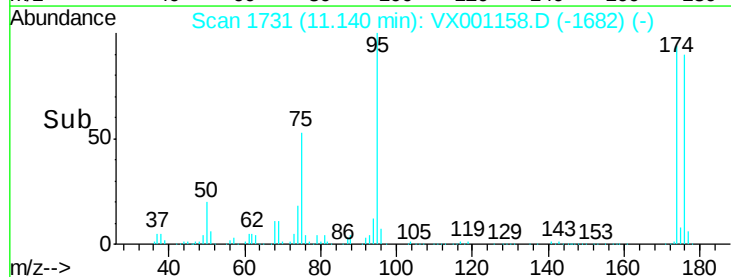
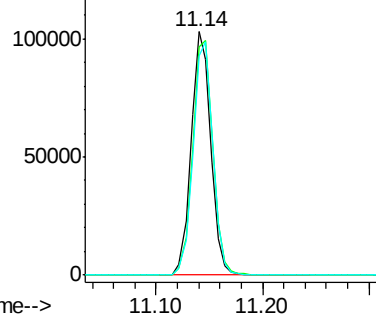


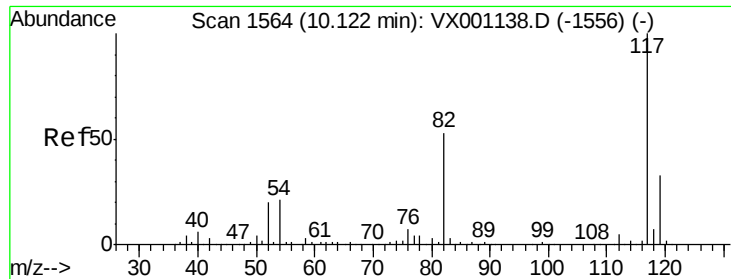
#62
 4-Bromofluorobenzene
 Concen: 37.64 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX001158.D
 Acq: 27 Apr 2018 07:05

Tgt Ion: 95 Resp: 131701
 Ion Ratio Lower Upper
 95 100
 174 99.9 0.0 194.4
 176 97.3 0.0 190.2



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

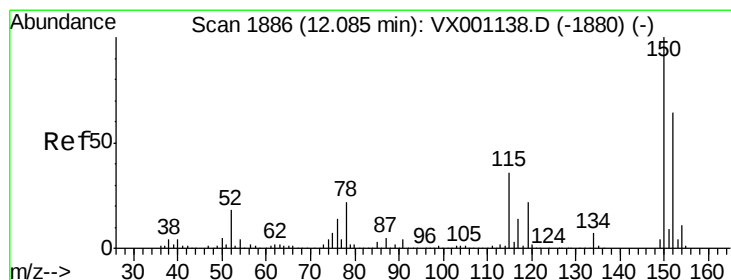
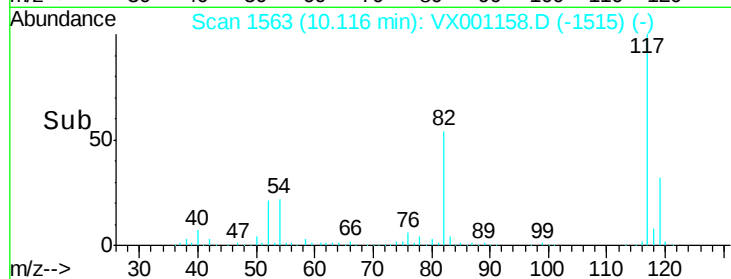
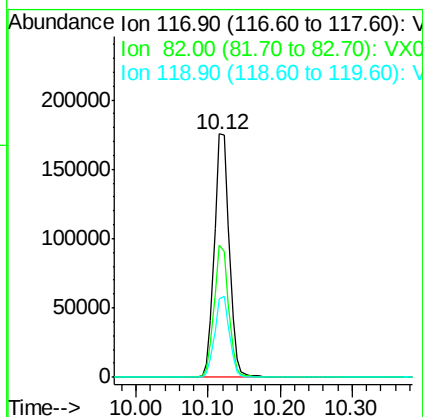
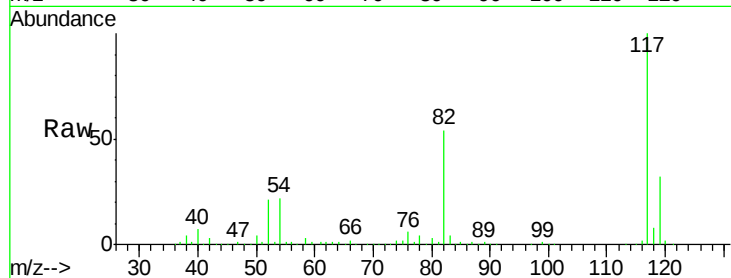




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001158.D
Acq: 27 Apr 2018 07:05

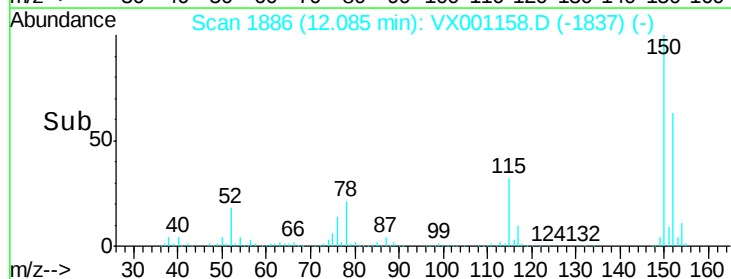
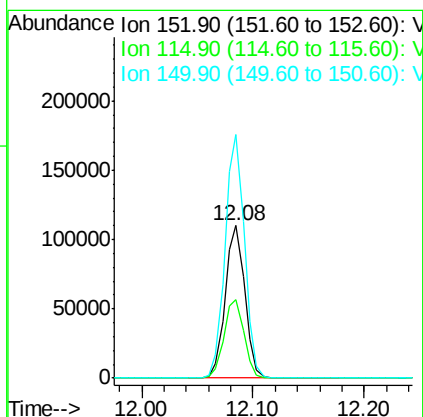
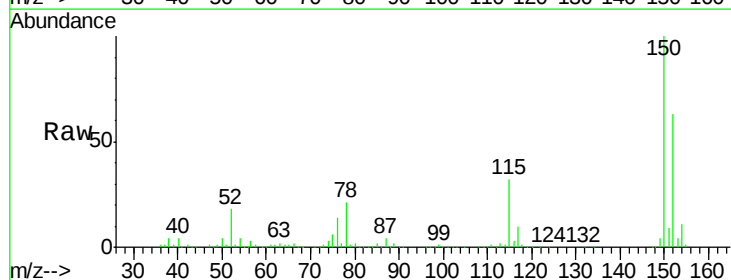
Instrument :
MSVOA_X
ClientSampleId :
PB108612ZHE#10

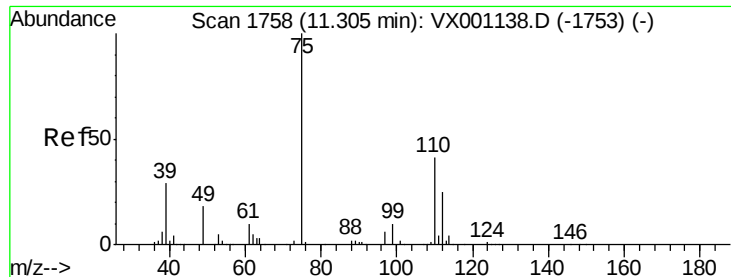
Tgt Ion:117 Resp: 251809
Ion Ratio Lower Upper
117 100
82 54.4 42.1 63.1
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001158.D
Acq: 27 Apr 2018 07:05

Tgt Ion:152 Resp: 133605
Ion Ratio Lower Upper
152 100
115 53.0 38.0 114.0
150 158.2 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 25.16 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001158.D

Acq: 27 Apr 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

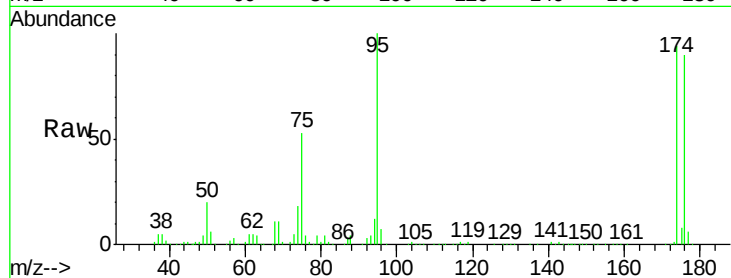
PB108612ZHE#10

Tgt Ion: 75 Resp: 68461

Ion Ratio Lower Upper

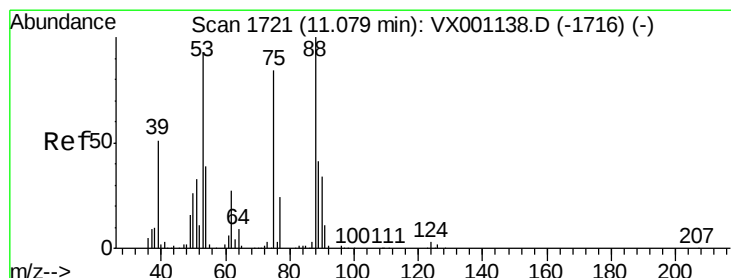
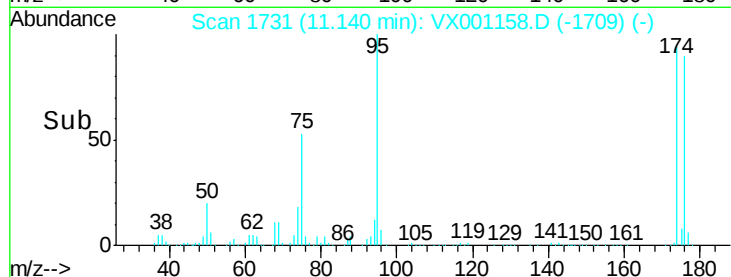
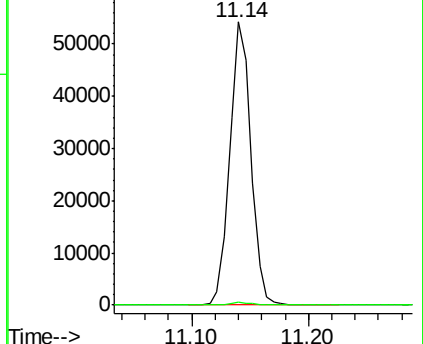
75 100

77 1.2 18.9 56.9#



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: 76.91 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001158.D

Acq: 27 Apr 2018 07:05

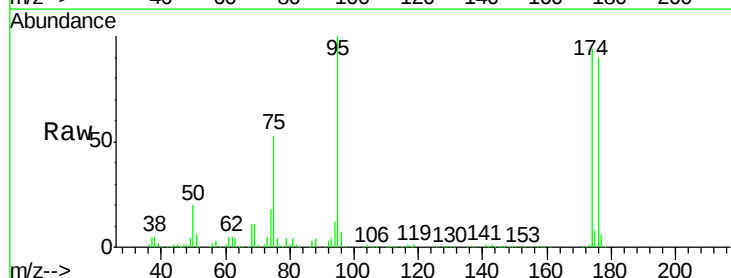
Tgt Ion: 75 Resp: 68461

Ion Ratio Lower Upper

75 100

53 0.0 87.9 131.9#

89 0.0 37.7 56.5#



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

