

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001924.D
 Acq On : 23 May 2018 05:26
 Operator : JC/MD
 Sample : PB109456ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 06:46:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	339256	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166378	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	158397	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
35) Dibromofluoromethane	5.51	113	131771	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
50) Toluene-d8	8.72	98	481149	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
62) 4-Bromofluorobenzene	11.14	95	147617	39.98	ug/l	0.00
Spiked Amount			Recovery	=	79.96%	

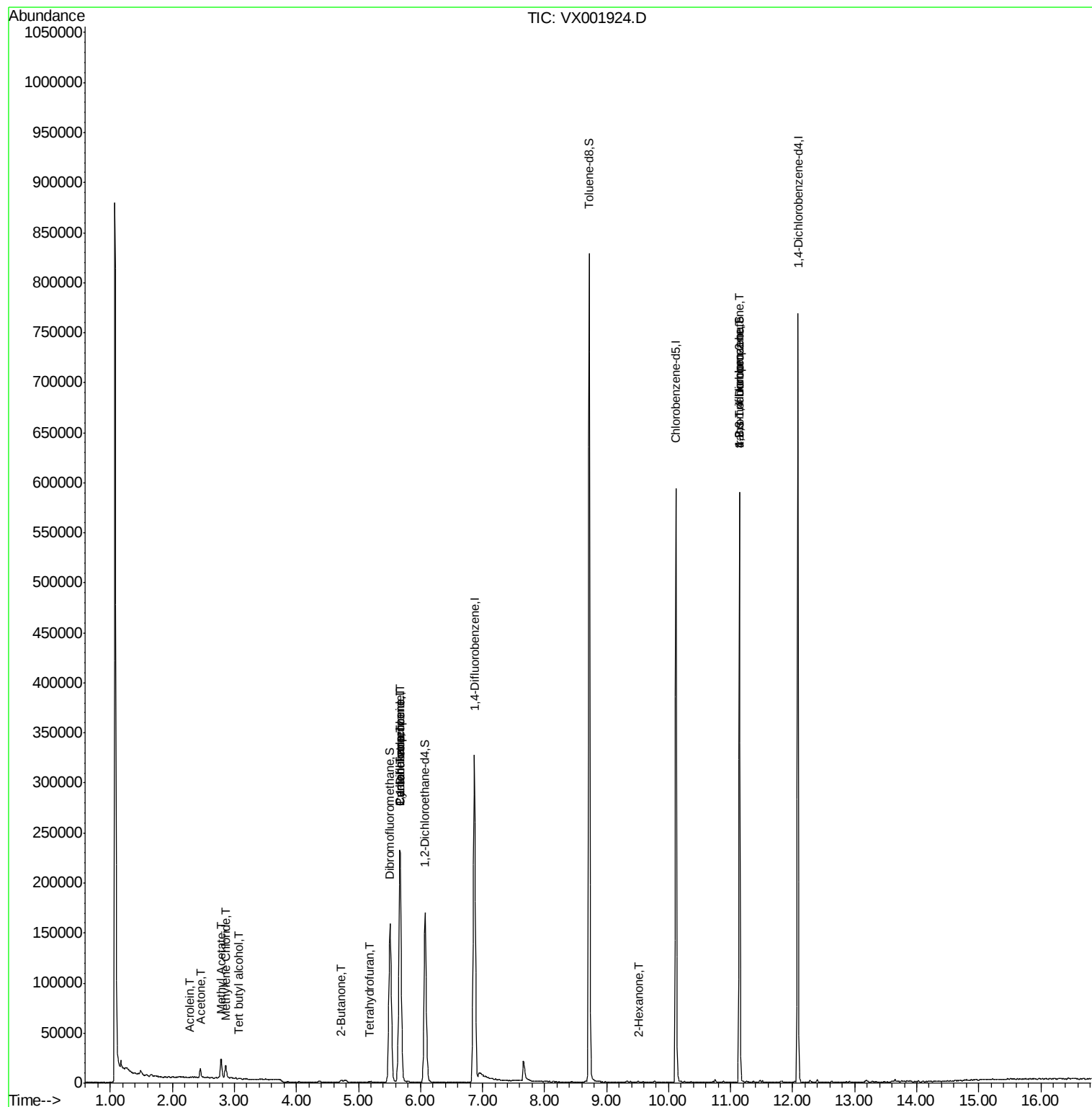
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.60	94	78	Below Cal		83
11) Tert butyl alcohol	3.07	59	538	0.92	ug/l	95
13) Acrolein	2.29	56	146	0.35	ug/l #	15
16) Acetone	2.45	43	9541	7.35	ug/l	92
18) Methyl Acetate	2.78	43	23554	6.20	ug/l	98
20) Methylene Chloride	2.87	84	6430	2.31	ug/l	96
25) 2-Butanone	4.72	43	3937	1.98	ug/l #	89
29) Tetrahydrofuran	5.18	42	965	0.74	ug/l #	53
31) Cyclohexane	5.67	56	4008	0.96	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	14831	3.80	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20596	5.03	ug/l #	15
59) 2-Hexanone	9.51	43	739	0.26	ug/l	90
76) 1,2,3-Trichloropropane	11.14	75	69231	21.88	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	69231	64.21	ug/l #	10

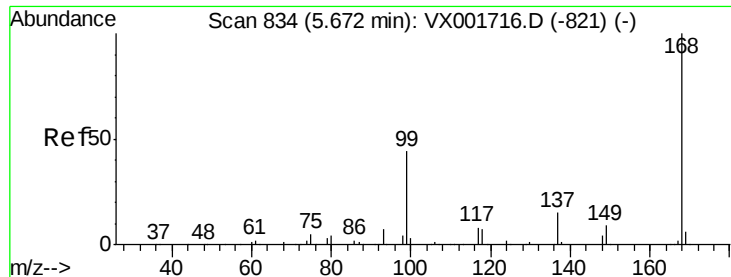
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001924.D

Acq: 23 May 2018 05:26

Instrument :

MSVOA_X

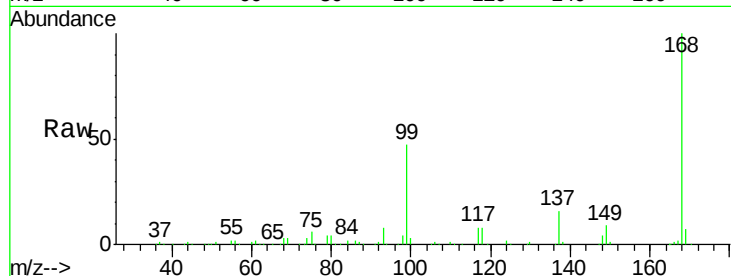
ClientSampleId :

Tot Ion:168 Resp: 246685

Ion Ratio Lower Upper

168 100

99 47.1 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

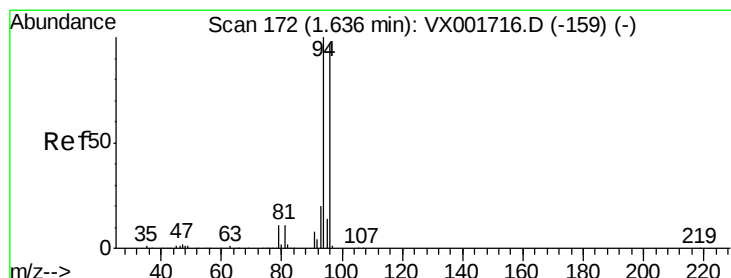
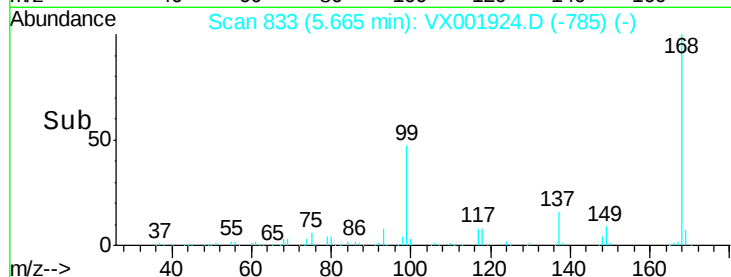
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.60 min Scan# 167

Delta R.T. -0.03 min

Lab File: VX001924.D

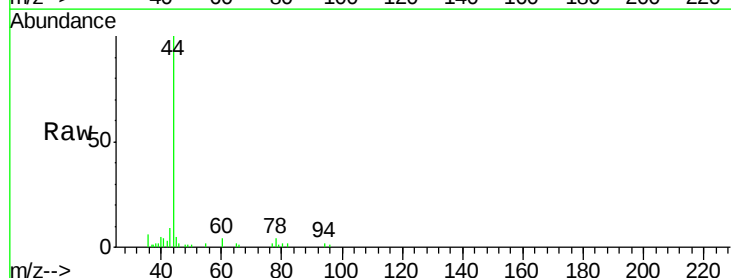
Acq: 23 May 2018 05:26

Tgt Ion: 94 Resp: 78

Ion Ratio Lower Upper

94 100

96 79.7 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.60

80

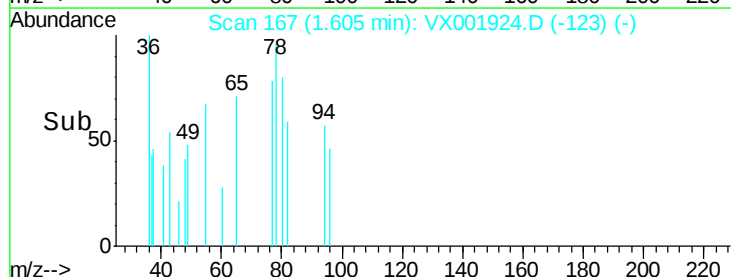
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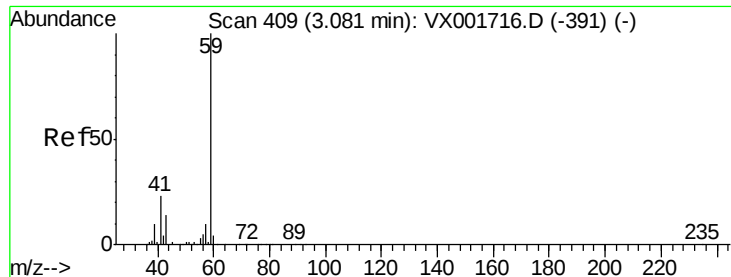
40

20

0

Time--> 1.59 1.60 1.61 1.62

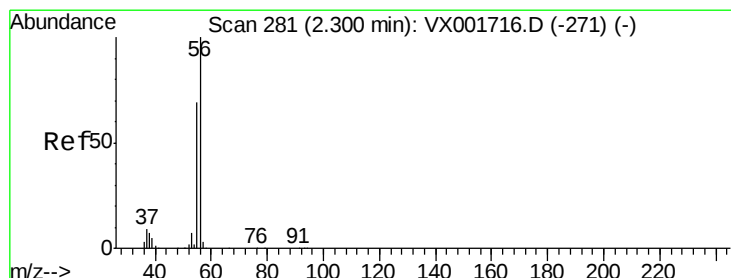
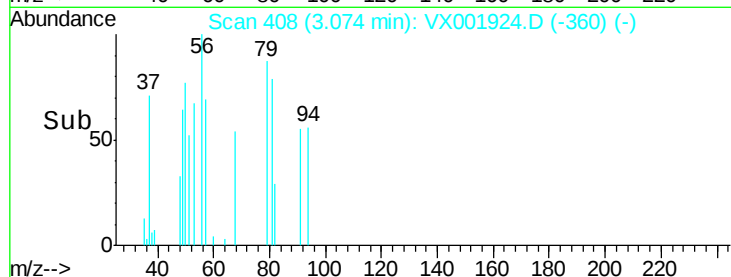
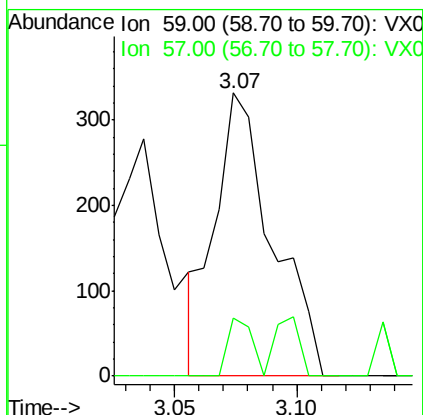
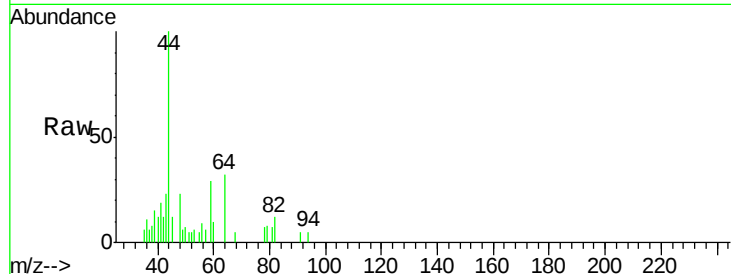




#11
Tert butyl alcohol
Concen: 0.92 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001924.D
Acq: 23 May 2018 05:26

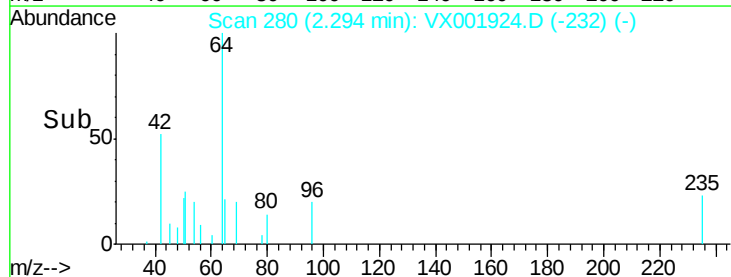
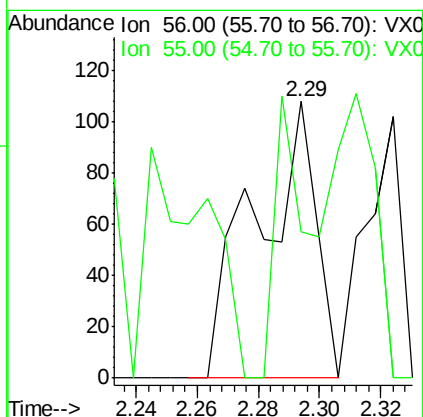
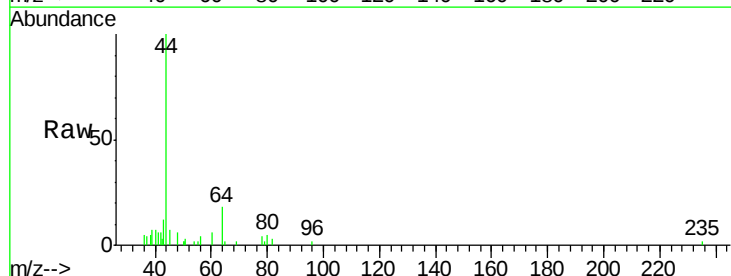
Instrument :
MSVOA_X
ClientSampled :

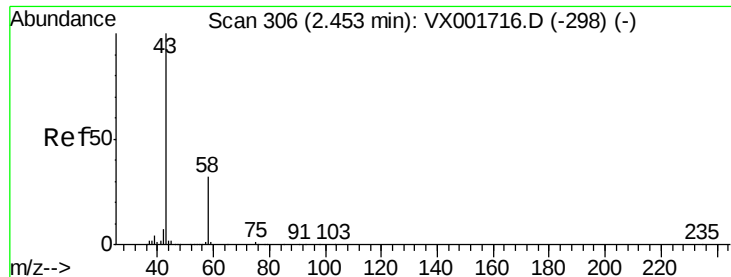
Tot Ion: 59 Resp: 538
Ion Ratio Lower Upper
59 100
57 8.6 8.5 12.7



#13
Acrolein
Concen: 0.35 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX001924.D
Acq: 23 May 2018 05:26

Tgt Ion: 56 Resp: 146
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.2#





#16

Acetone

Concen: 7.35 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001924.D

Acq: 23 May 2018 05:26

Instrument :

MSVOA_X

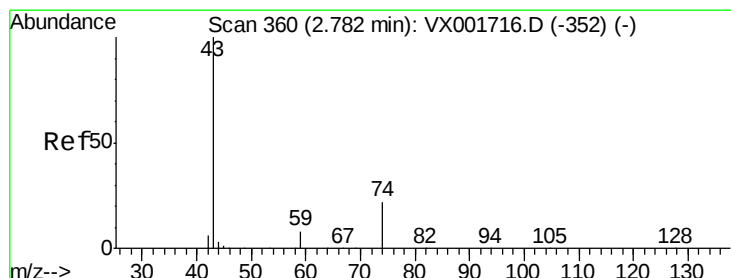
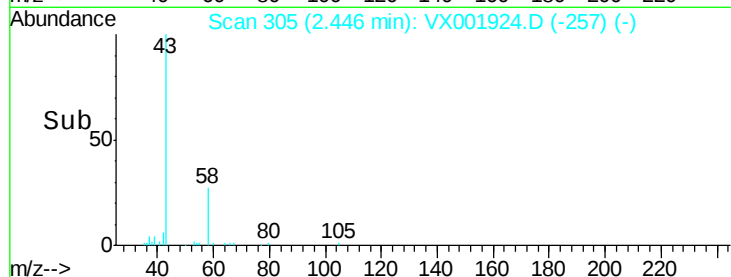
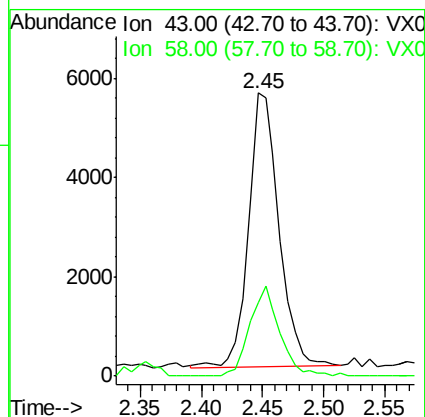
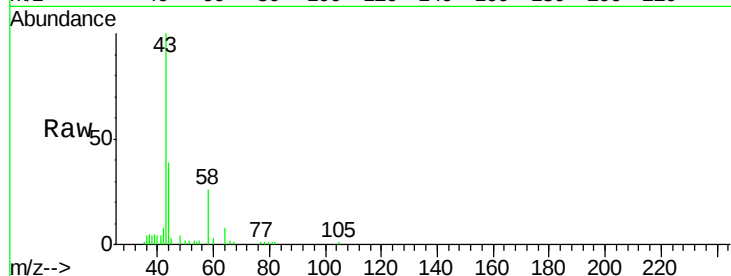
ClientSampleId :

Tot Ion: 43 Resp: 9541

Ion Ratio Lower Upper

43 100

58 26.9 25.3 37.9



#18

Methyl Acetate

Concen: 6.20 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001924.D

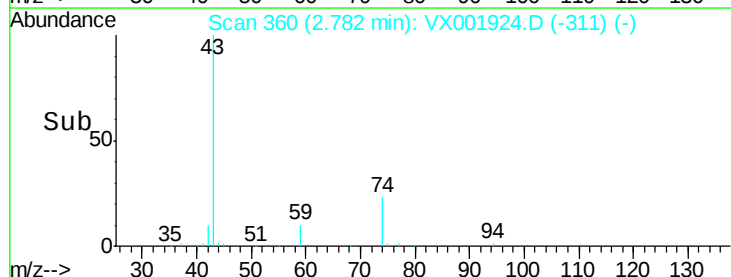
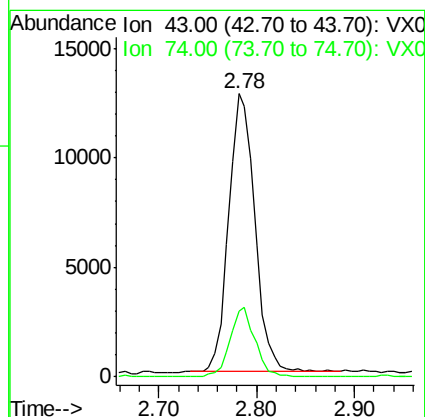
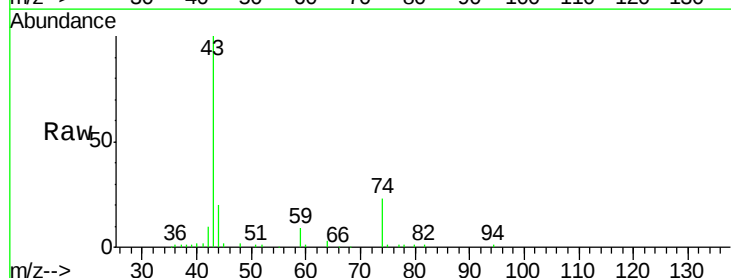
Acq: 23 May 2018 05:26

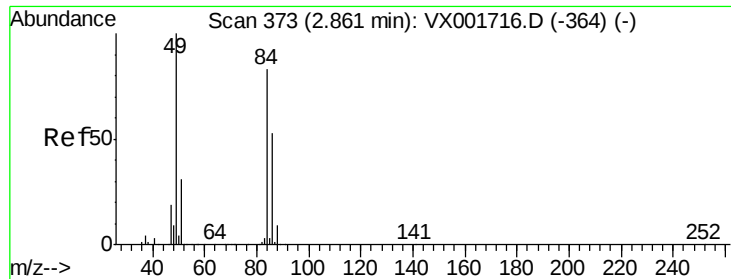
Tgt Ion: 43 Resp: 23554

Ion Ratio Lower Upper

43 100

74 23.8 18.2 27.2

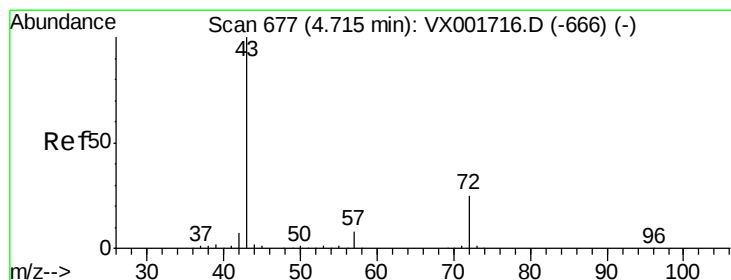
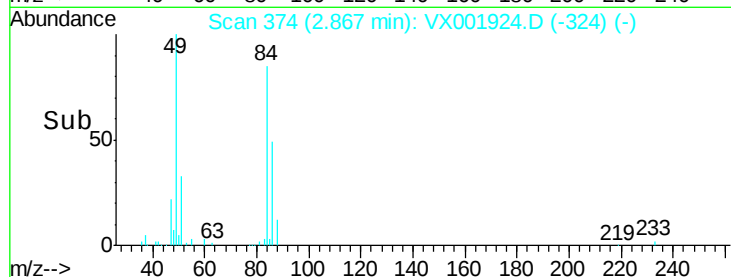
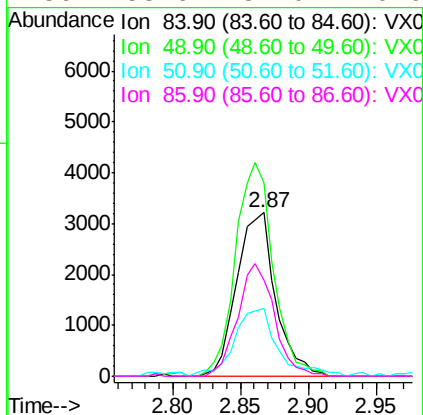
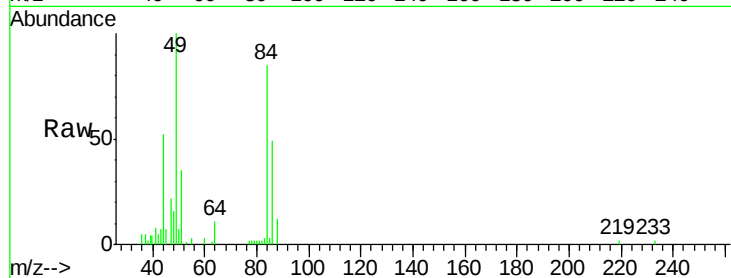




#20
Methvlene Chloride
Concen: 2.31 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX001924.D
Acq: 23 May 2018 05:26

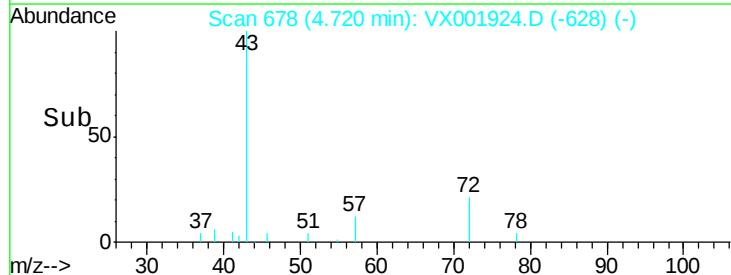
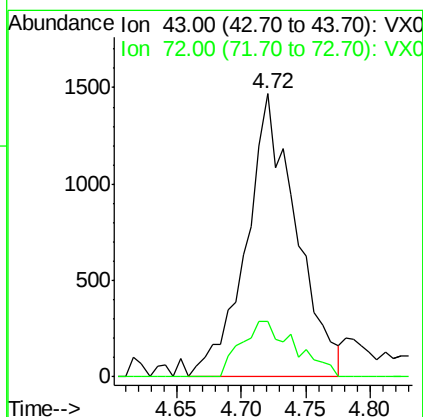
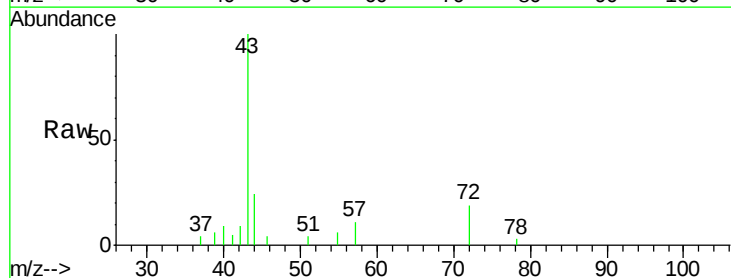
Instrument :
MSVOA_X
ClientSampleId :

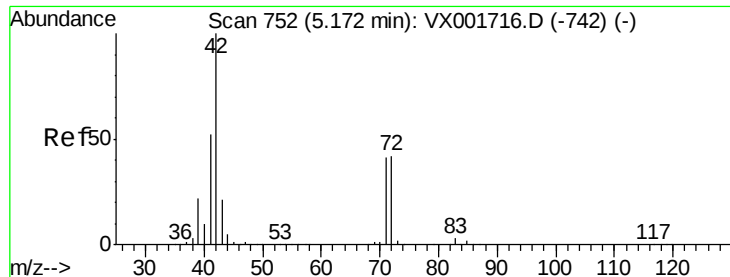
Tot Ion: 84 Resp: 6430
Ion Ratio Lower Upper
84 100
49 118.3 96.3 144.5
51 41.8 29.8 44.6
86 58.6 51.0 76.6



#25
2-Butanone
Concen: 1.98 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX001924.D
Acq: 23 May 2018 05:26

Tgt Ion: 43 Resp: 3937
Ion Ratio Lower Upper
43 100
72 19.4 19.8 29.6#

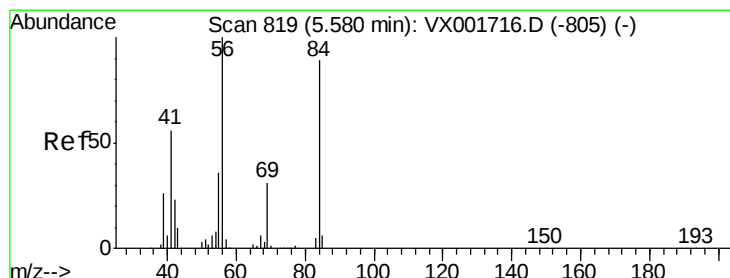
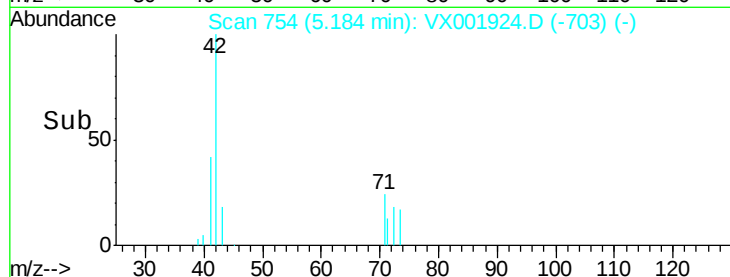
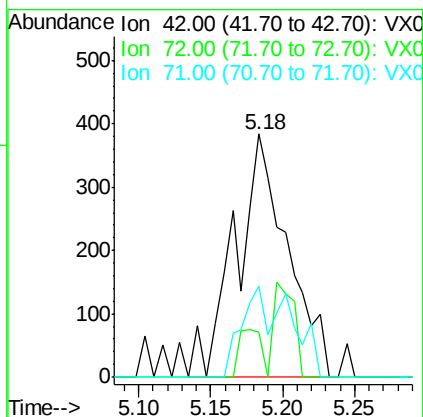
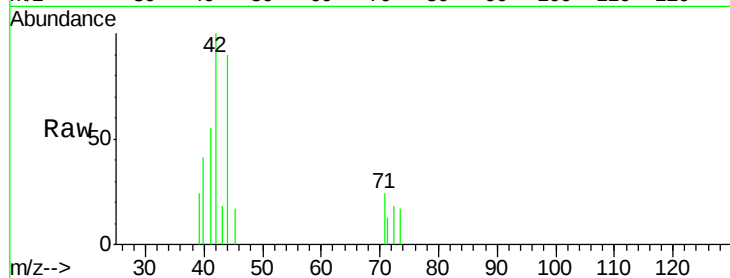




#29
Tetrahydrofuran
Concen: 0.74 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001924.D
Acq: 23 May 2018 05:26

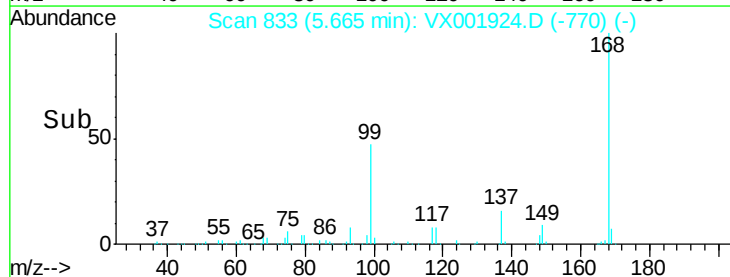
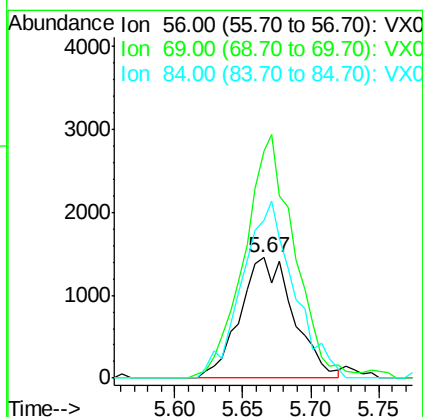
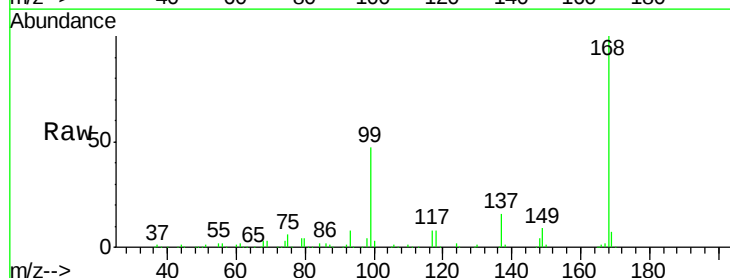
Instrument :
MSVOA_X
ClientSampled :

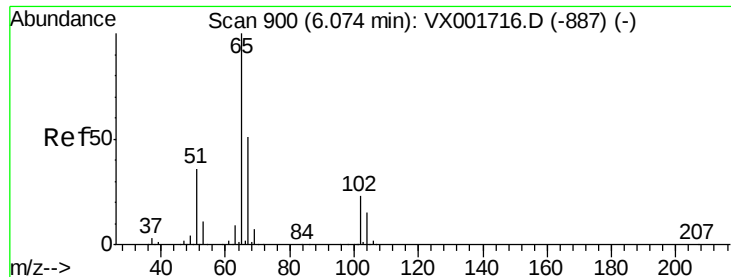
Tot Ion: 42 Resp: 965
Ion Ratio Lower Upper
42 100
72 8.3 35.4 53.2#
71 17.8 33.2 49.8#



#31
Cyclohexane
Concen: 0.96 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX001924.D
Acq: 23 May 2018 05:26

Tgt Ion: 56 Resp: 4008
Ion Ratio Lower Upper
56 100
69 188.4 25.0 37.6#
84 131.2 71.0 106.4#

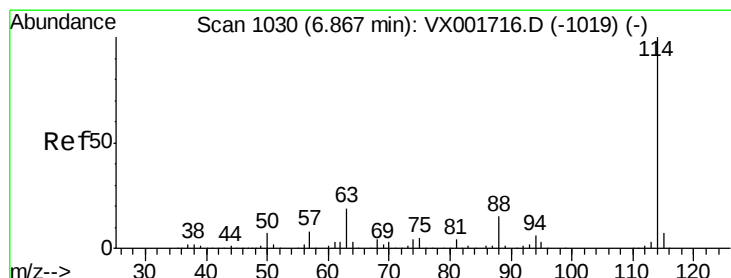
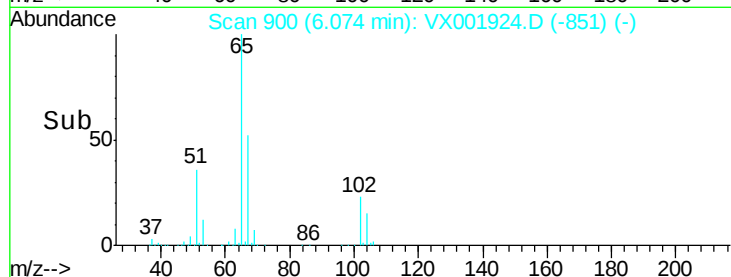
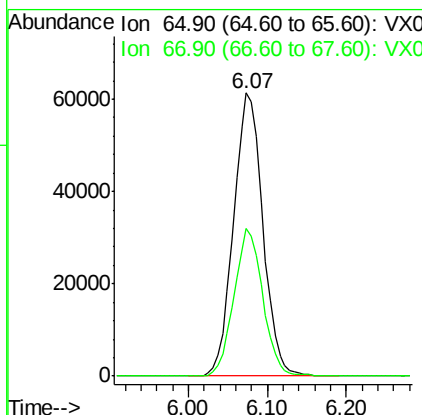
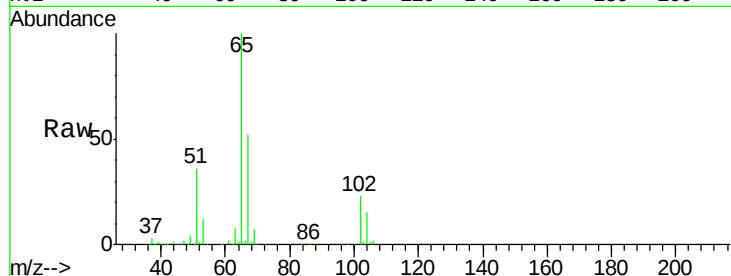




#33
 1,2-Dichloroethane-d4
 Concen: 47.90 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001924.D
 Acq: 23 May 2018 05:26

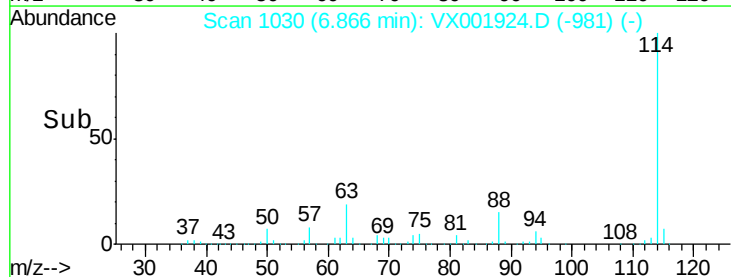
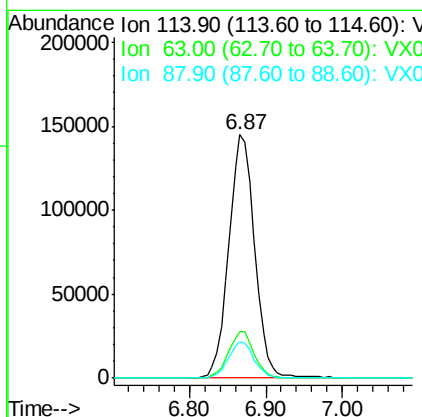
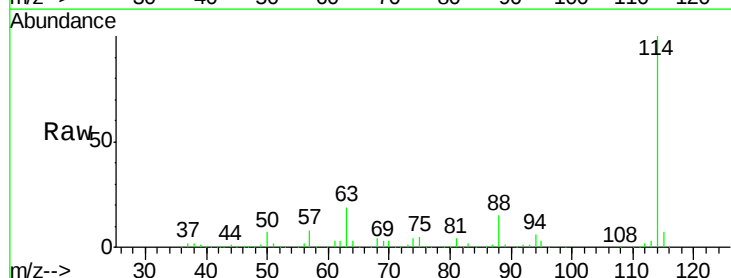
Instrument :
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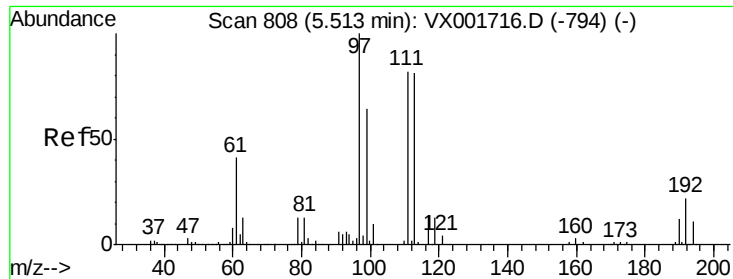
Tot Ion: 65 Resp: 158397
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001924.D
 Acq: 23 May 2018 05:26

Tgt Ion: 114 Resp: 339256
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.0
 88 15.1 0.0 29.8

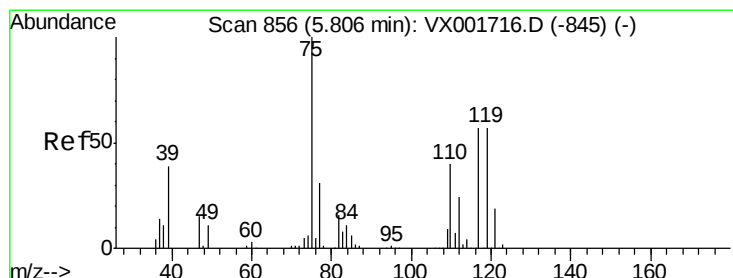
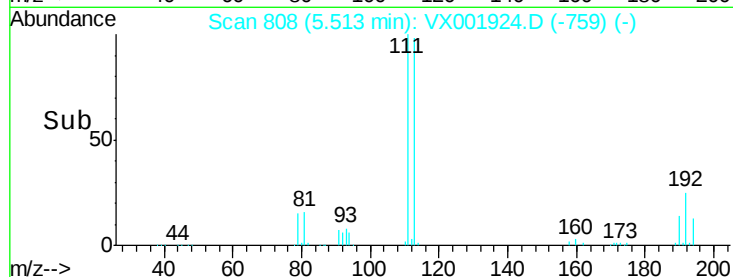
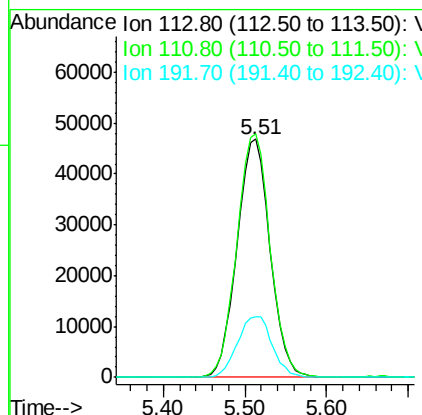
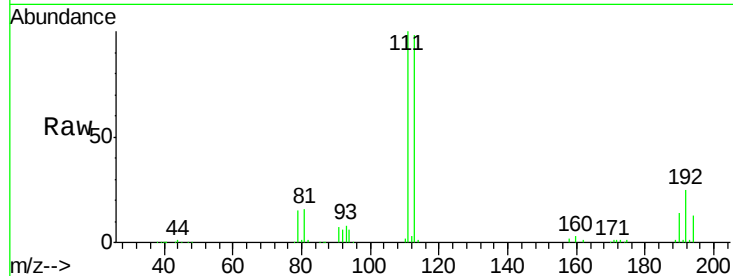




#35
 Dibromofluoromethane
 Concen: 46.03 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001924.D
 Acq: 23 May 2018 05:26

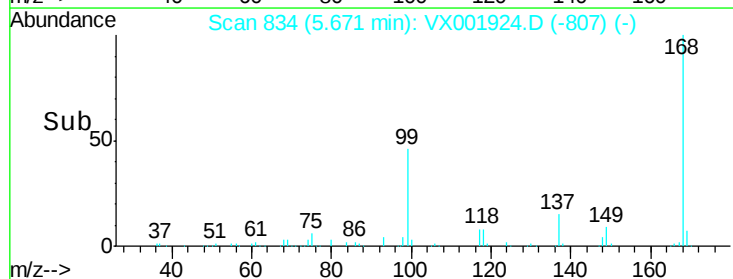
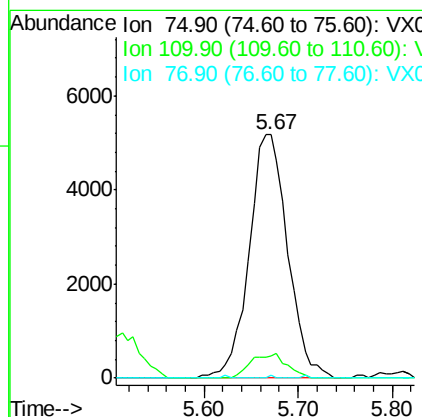
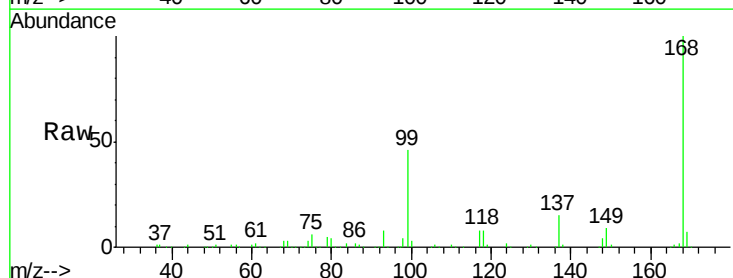
Instrument :
 MSVOA_X
 ClientSampleId :

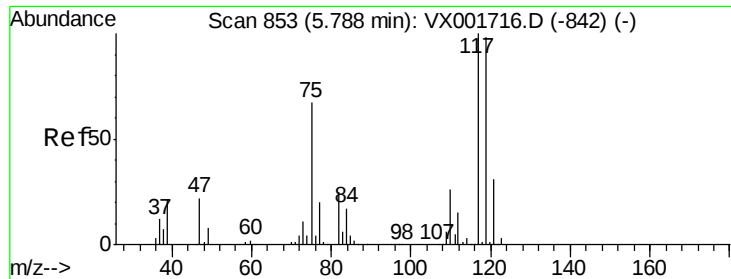
Tot Ion:113 Resp: 131771
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.0 123.0
 192 26.8 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 3.80 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001924.D
 Acq: 23 May 2018 05:26

Tgt Ion: 75 Resp: 14831
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.1 57.1#
 77 0.1 24.6 37.0#

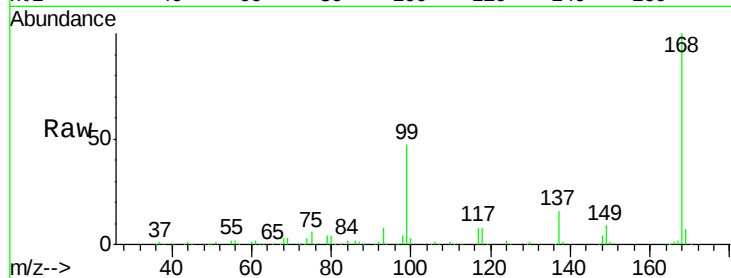




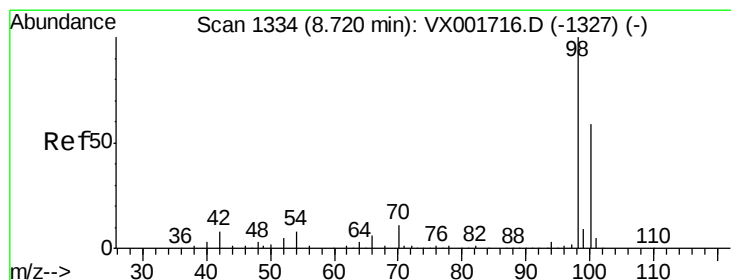
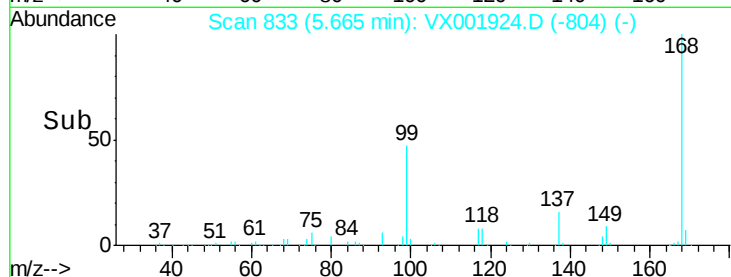
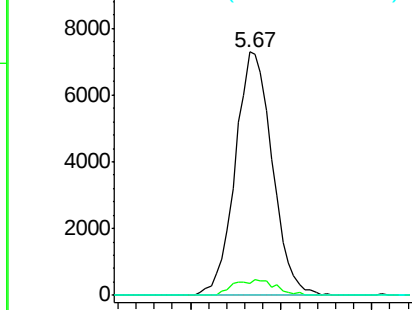
#38
Carbon Tetrachloride
Concen: 5.03 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001924.D
Acq: 23 May 2018 05:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 117 Resp: 20596
Ion Ratio Lower Upper
117 100
119 5.1 77.6 116.4#
121 0.0 24.6 36.8#

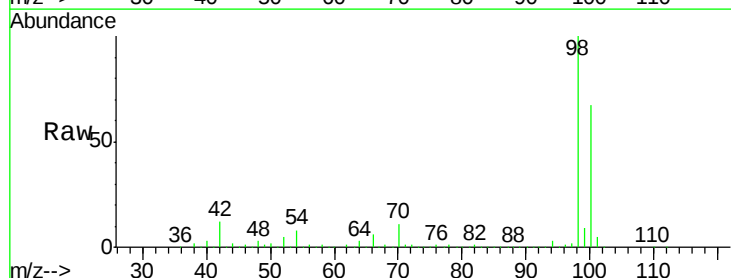


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

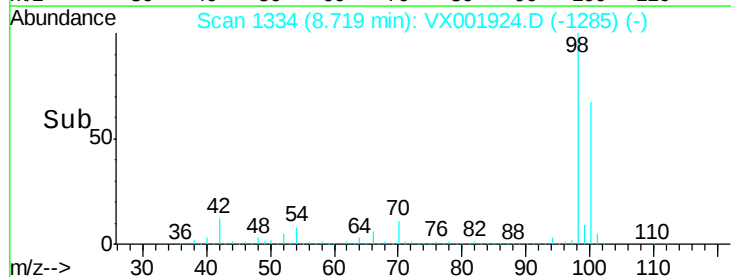
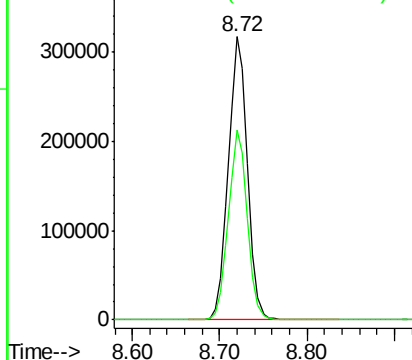


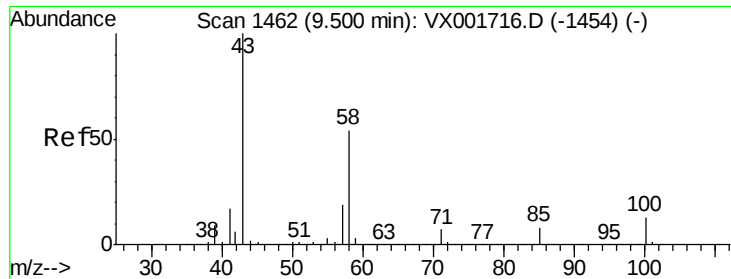
#50
Toluene-d8
Concen: 46.92 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001924.D
Acq: 23 May 2018 05:26

Tgt Ion: 98 Resp: 481149
Ion Ratio Lower Upper
98 100
100 66.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

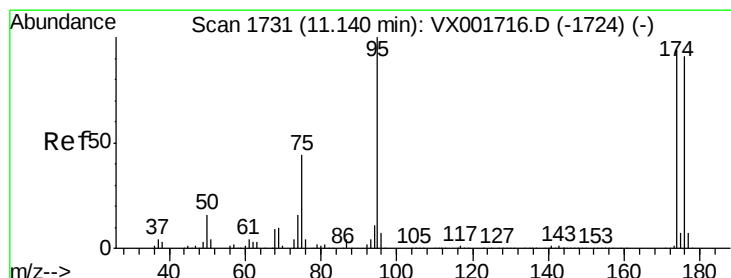
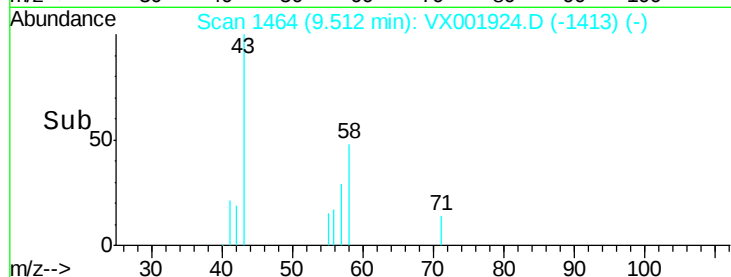
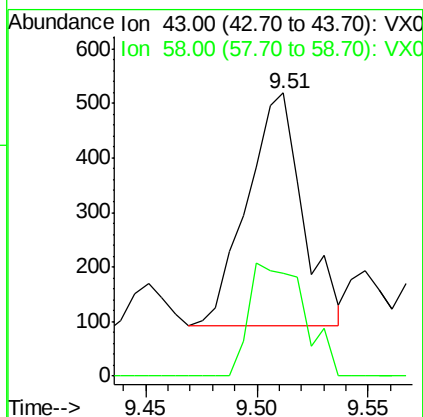
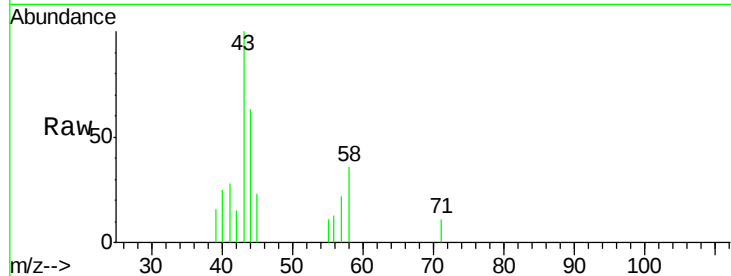




#59
2-Hexanone
Concen: 0.26 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX001924.D
Acq: 23 May 2018 05:26

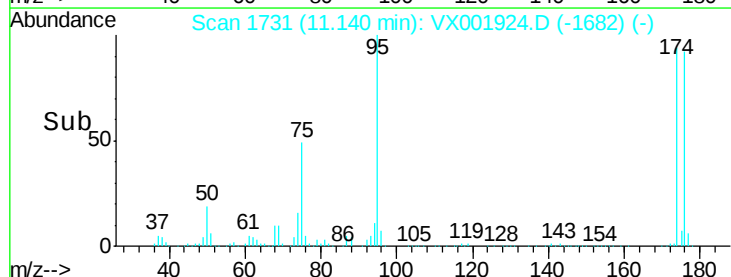
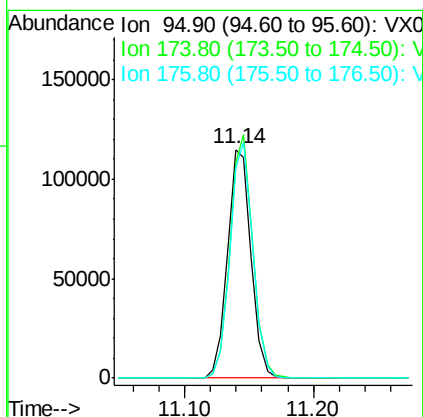
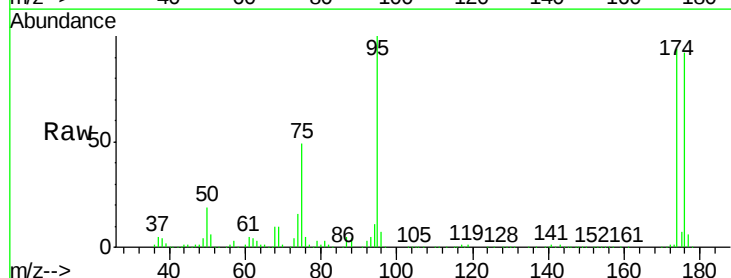
Instrument :
MSVOA_X
ClientSampled :

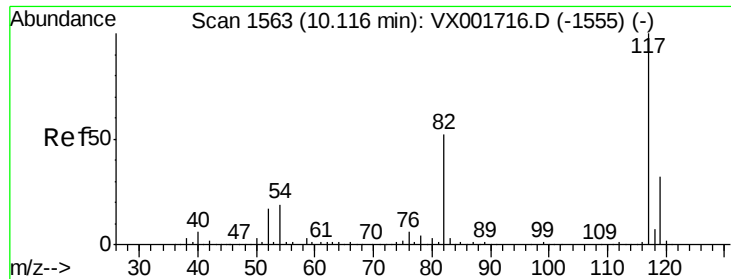
Tot Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
58 48.3 27.7 83.1



#62
4-Bromofluorobenzene
Concen: 39.98 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001924.D
Acq: 23 May 2018 05:26

Tgt Ion: 95 Resp: 147617
Ion Ratio Lower Upper
95 100
174 103.0 0.0 201.8
176 99.9 0.0 196.8

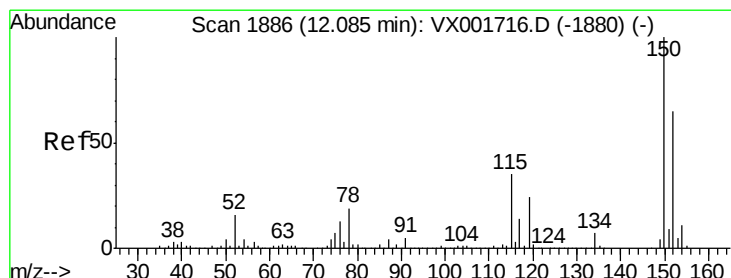
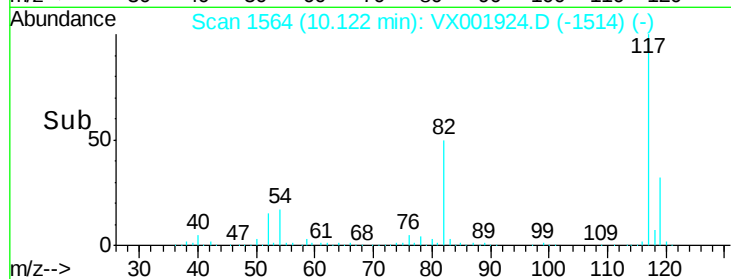
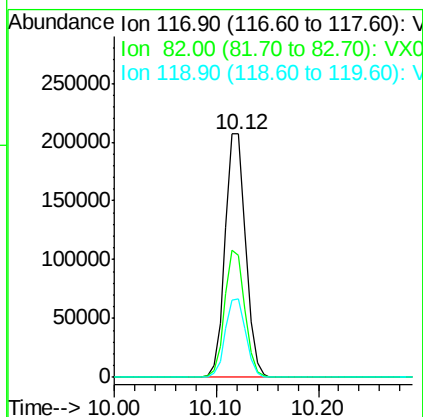
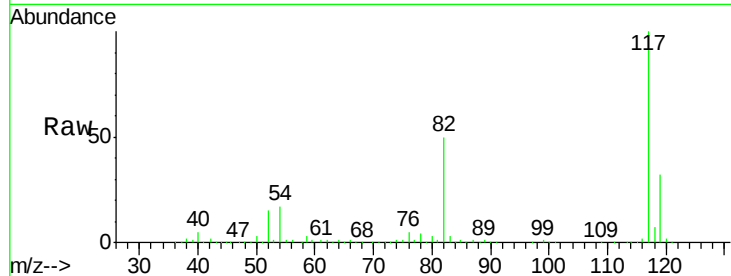




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001924.D
Acq: 23 May 2018 05:26

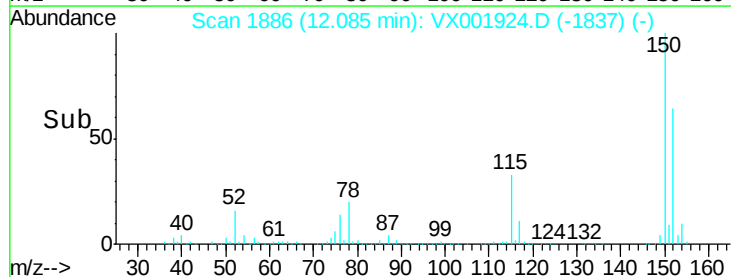
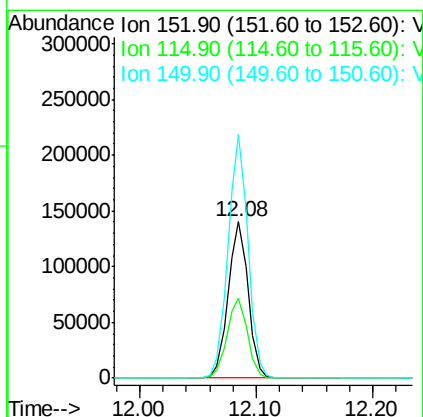
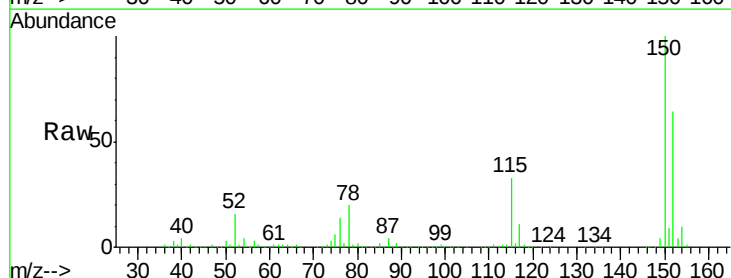
Instrument :
MSVOA_X
ClientSampled :

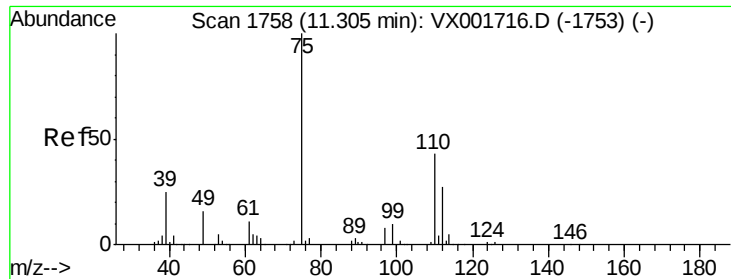
Tot Ion:117 Resp: 288507
Ion Ratio Lower Upper
117 100
82 49.9 41.4 62.2
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001924.D
Acq: 23 May 2018 05:26

Tgt Ion:152 Resp: 166378
Ion Ratio Lower Upper
152 100
115 51.9 37.4 112.2
150 155.5 0.0 344.8





#76

1,2,3-Trichloropropane

Concen: 21.88 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.17 min

Lab File: VX001924.D

Acq: 23 May 2018 05:26

Instrument :

MSVOA_X

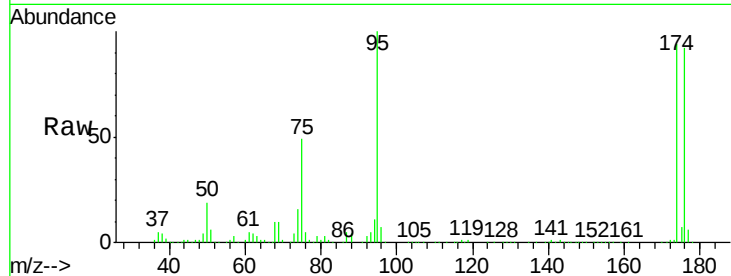
ClientSampleId :

Tot Ion: 75 Resp: 69231

Ion Ratio Lower Upper

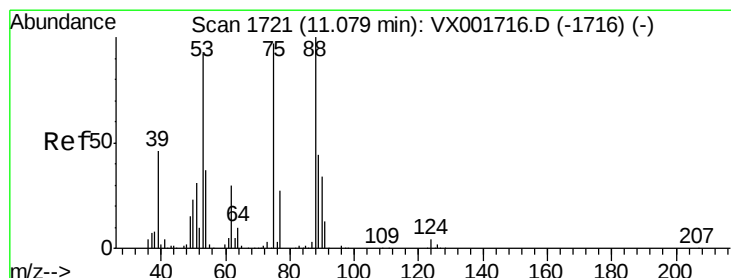
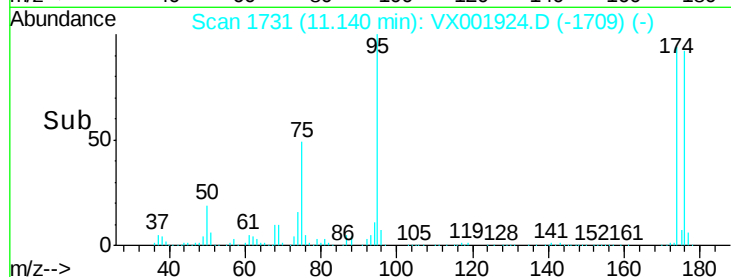
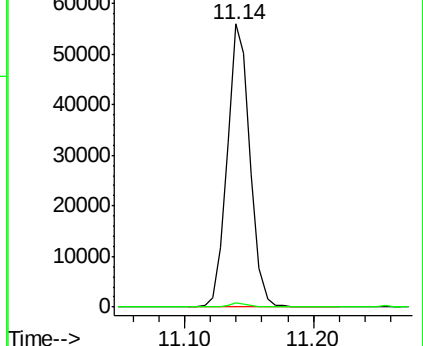
75 100

77 1.2 18.9 56.7#



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: 64.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001924.D

Acq: 23 May 2018 05:26

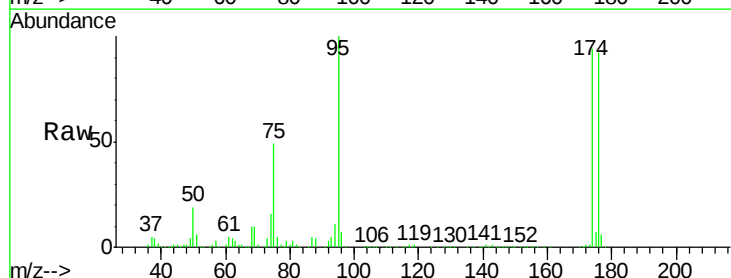
Tgt Ion: 75 Resp: 69231

Ion Ratio Lower Upper

75 100

53 0.1 79.4 119.2#

89 0.0 38.8 58.2#



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

