

Data File : VX000522.D

Acq On : 29 Mar 2018 19:23

Operator : JC/MD

Sample : J2101-02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-032718

Quant Time: Mar 30 06:55:50 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	115254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	203702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	211048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	110933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	84072	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	
35) Dibromofluoromethane	5.51	113	65191	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	8.73	98	266580	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.15	95	94970	43.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.46%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	307	0.23	ug/l	84
6) Chloroethane	1.72	64	342	Below	Cal	# 76
10) Methyl Iodide	2.53	142	127	4.36	ug/l	# 37
11) Tert butyl alcohol	3.03	59	1743	3.37	ug/l	# 81
13) Acrolein	2.32	56	47	14.85	ug/l	# 81
14) Allyl chloride	2.73	41	168	Below	Cal	# 64
16) Acetone	2.45	43	1840	1.47	ug/l	# 76
20) Methylene Chloride	2.86	84	1061	0.73	ug/l	# 82
31) Cyclohexane	5.68	56	2946	1.55	ug/l	# 61
36) 1,1-Dichloropropene	5.67	75	8673	4.55	ug/l	# 52
38) Carbon Tetrachloride	5.67	117	11153	5.57	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.73	43	1424	0.47	ug/l	# 1
74) N-amyl acetate	6.50	43	36	Below	Cal	# 59
76) 1,2,3-Trichloropropane	11.15	75	53883	22.60	ug/l	# 35
81) trans-1,4-Dichloro-2-buten	11.15	75	53883	73.17	ug/l	# 9

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

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Sample : J2101-02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 18 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

FB-032718

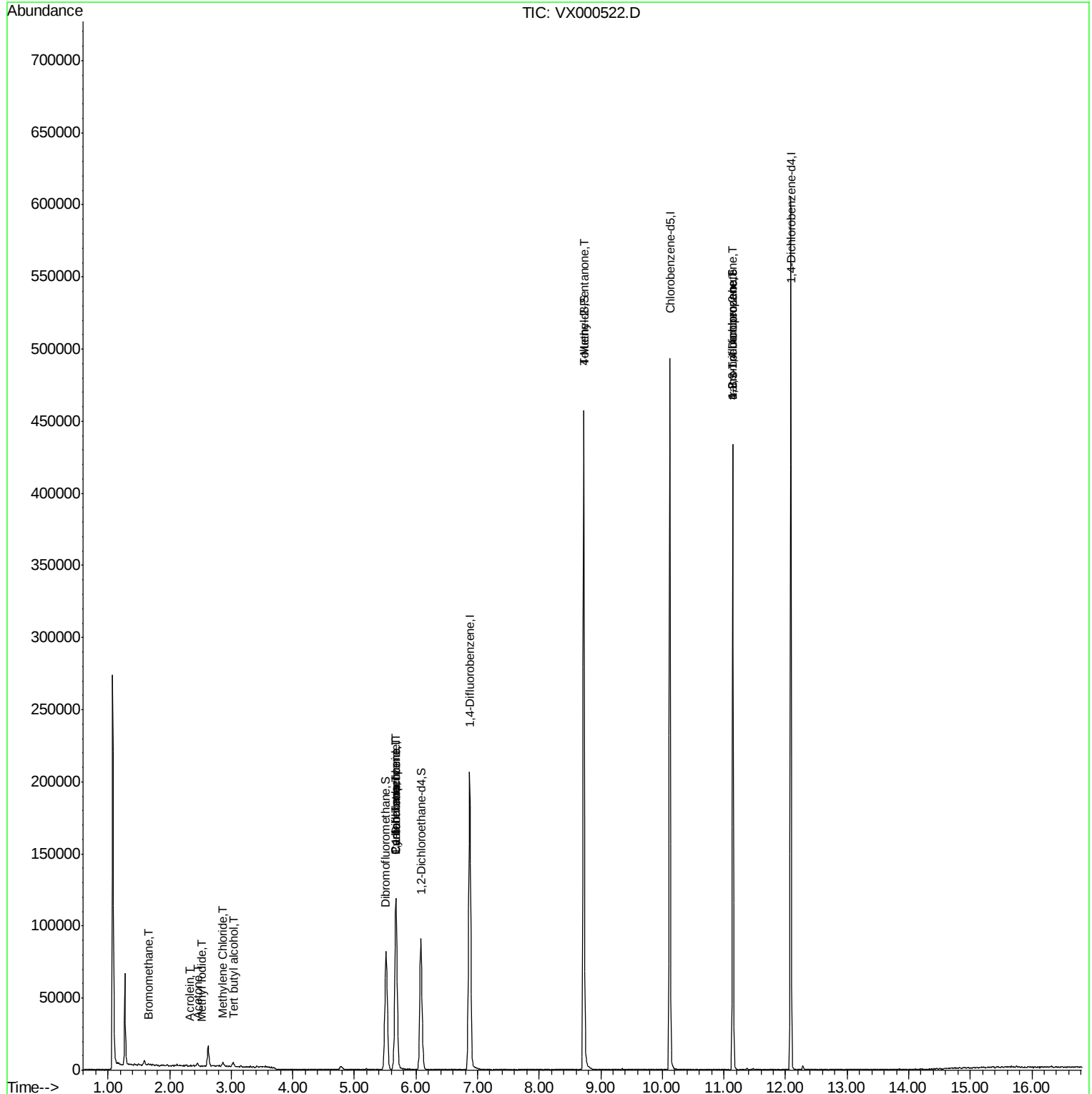
Quant Time: Mar 30 06:55:50 2018

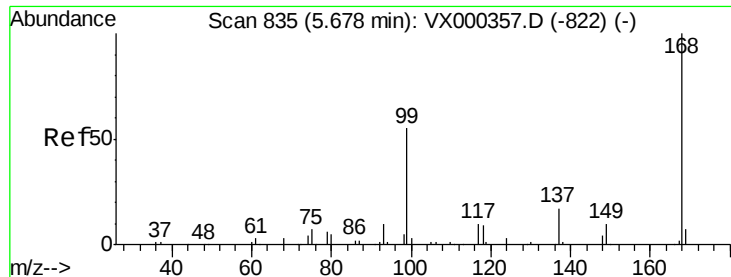
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

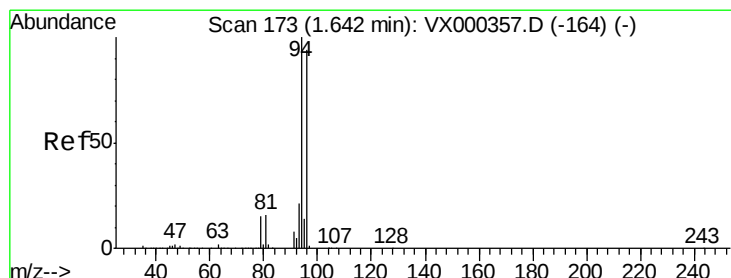
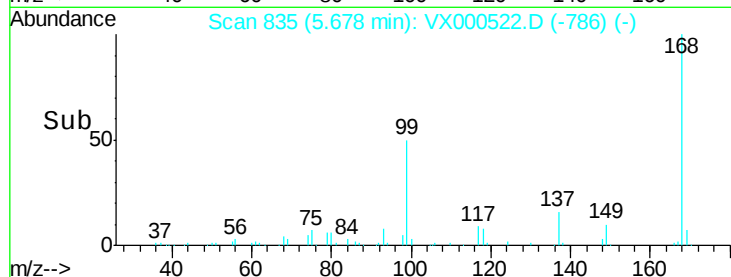
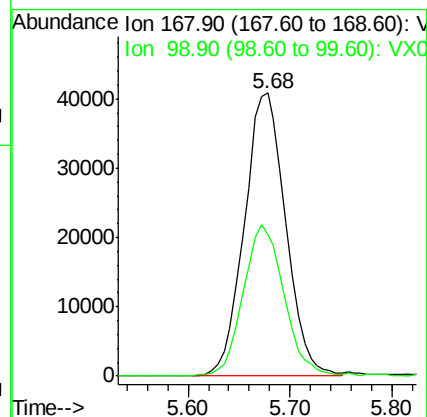
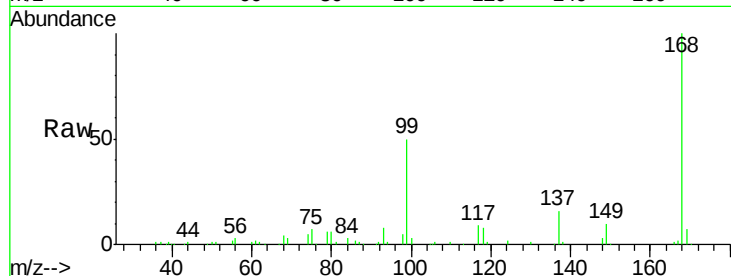




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000522.D
Acq: 29 Mar 2018 19:23

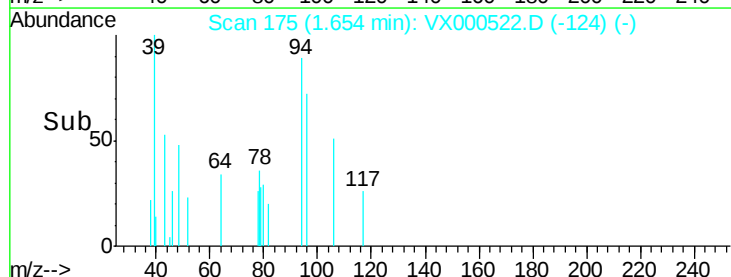
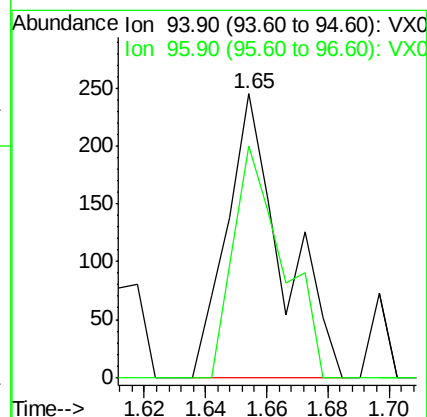
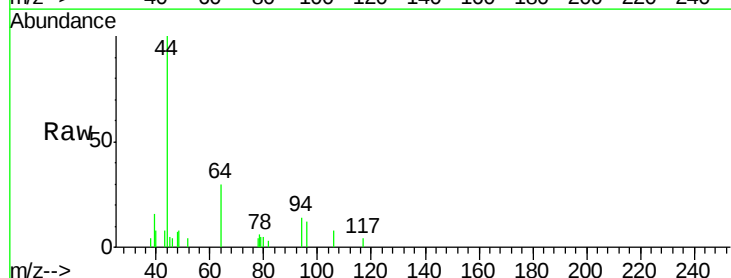
Instrument :
MSVOA_X
ClientSampleId :
FB-032718

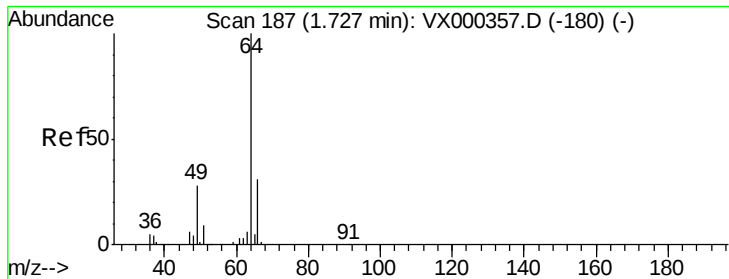
Tgt Ion: 168 Resp: 115254
Ion Ratio Lower Upper
168 100
99 50.0 45.8 68.6



#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.01 min
Lab File: VX000522.D
Acq: 29 Mar 2018 19:23

Tgt Ion: 94 Resp: 307
Ion Ratio Lower Upper
94 100
96 81.6 77.7 116.5





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000522.D

Acq: 29 Mar 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

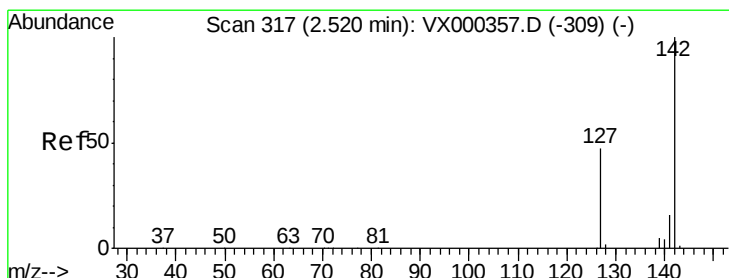
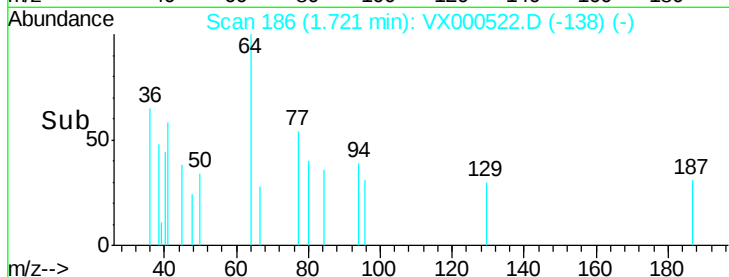
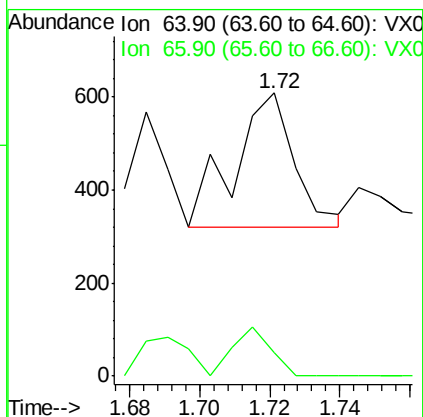
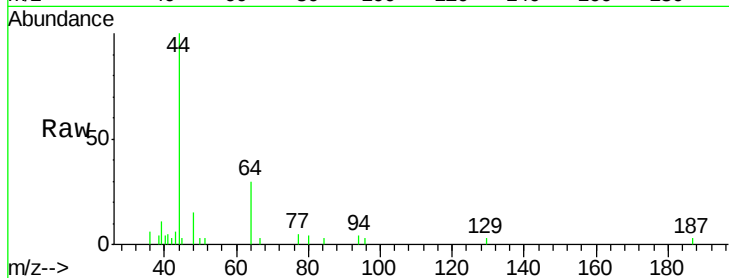
FB-032718

Tgt Ion: 64 Resp: 342

Ion Ratio Lower Upper

64 100

66 18.1 24.8 37.2#



#10

Methyl Iodide

Concen: 4.36 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX000522.D

Acq: 29 Mar 2018 19:23

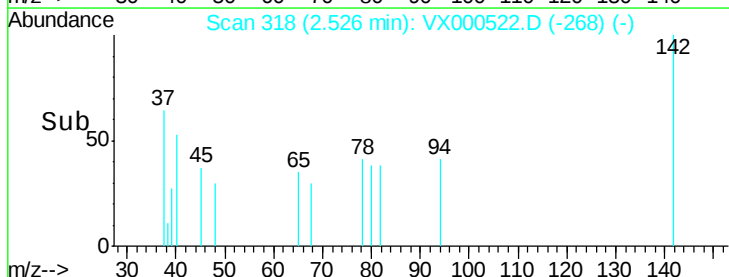
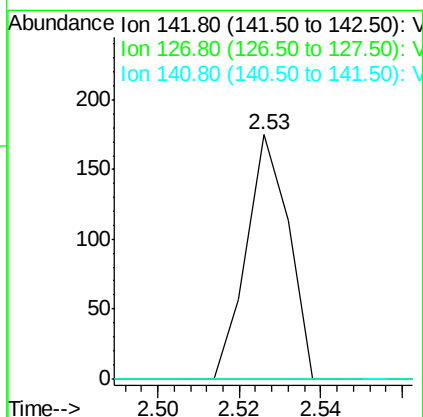
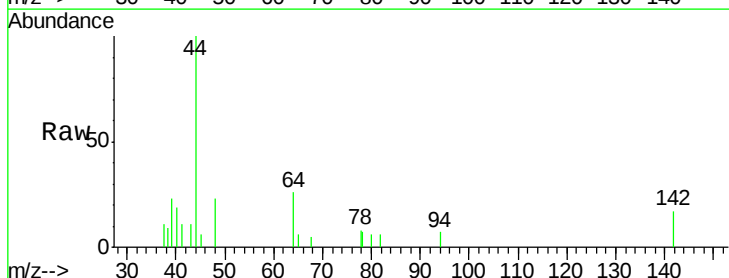
Tgt Ion: 142 Resp: 127

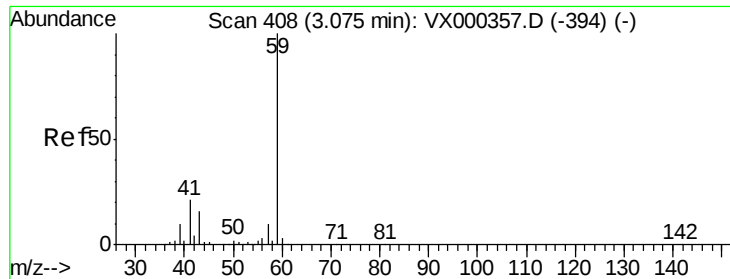
Ion Ratio Lower Upper

142 100

127 0.0 39.2 58.8#

141 0.0 11.7 17.5#



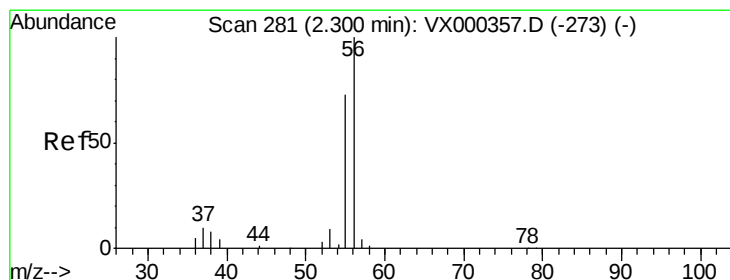
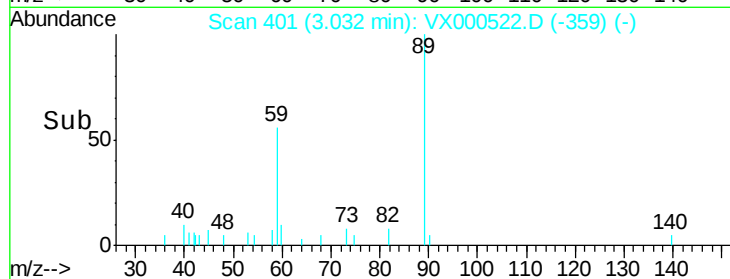
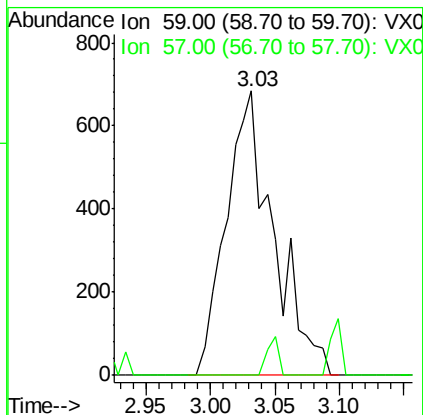
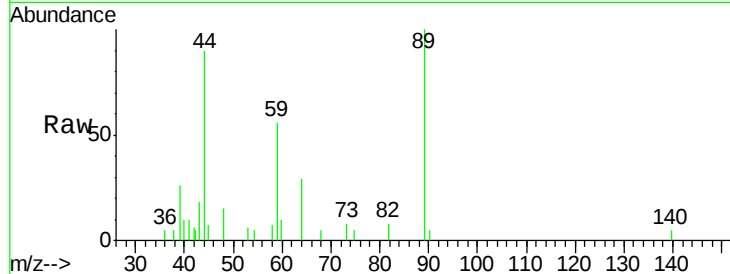


#11

Tert butyl alcohol
Concen: 3.37 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.04 min
Lab File: VX000522.D
Acq: 29 Mar 2018 19:23

Instrument :
MSVOA_X
ClientSampleId :
FB-032718

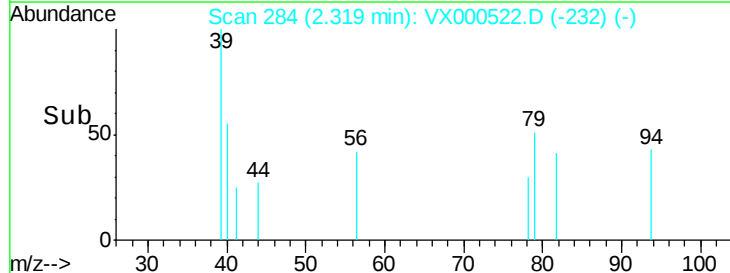
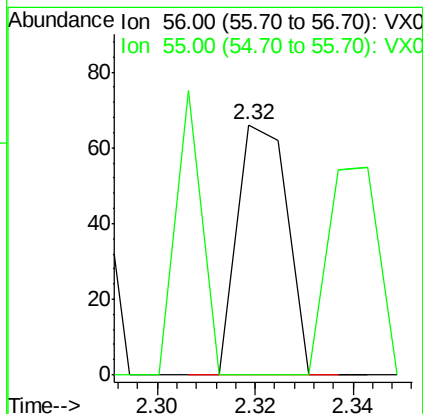
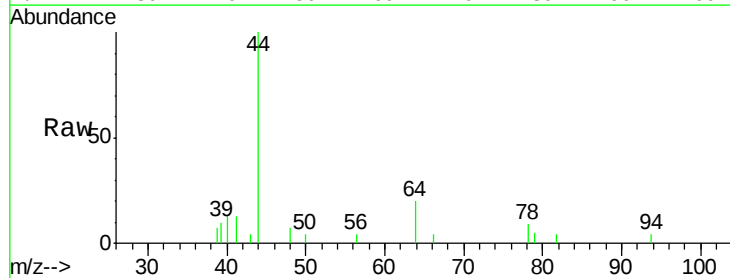
Tgt Ion: 59 Resp: 1743
Ion Ratio Lower Upper
59 100
57 3.2 8.4 12.6#

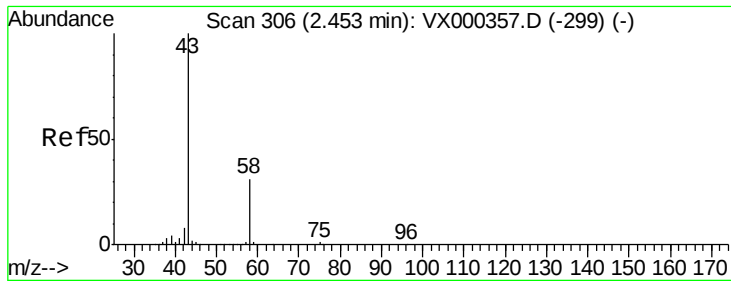


#13

Acrolein
Concen: 14.85 ug/l
RT: 2.32 min Scan# 284
Delta R.T. 0.02 min
Lab File: VX000522.D
Acq: 29 Mar 2018 19:23

Tgt Ion: 56 Resp: 47
Ion Ratio Lower Upper
56 100
55 57.4 58.8 88.2#





#16

Acetone

Concen: 1.47 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000522.D

Acq: 29 Mar 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

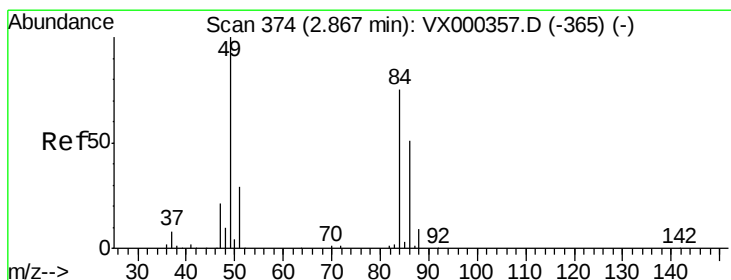
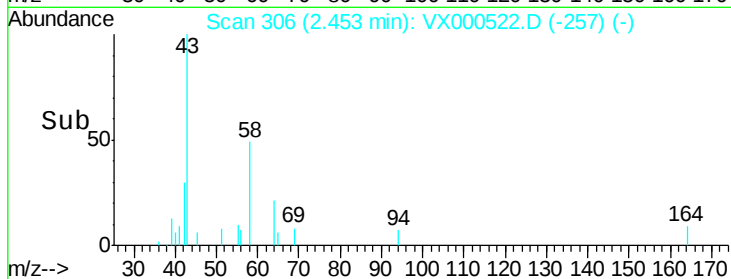
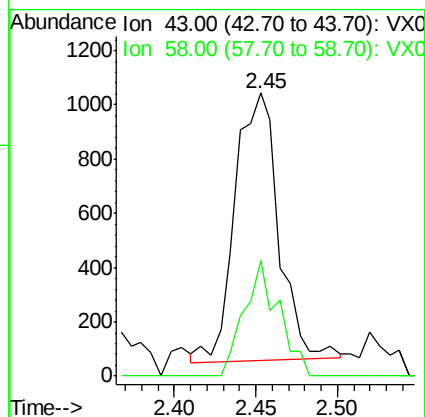
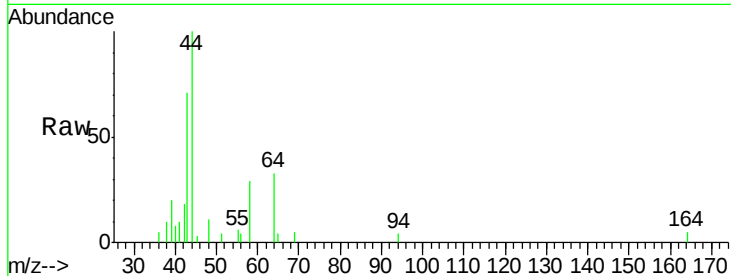
FB-032718

Tgt Ion: 43 Resp: 1840

Ion Ratio Lower Upper

43 100

58 44.3 24.7 37.1#



#20

Methylene Chloride

Concen: 0.73 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000522.D

Acq: 29 Mar 2018 19:23

Tgt Ion: 84 Resp: 1061

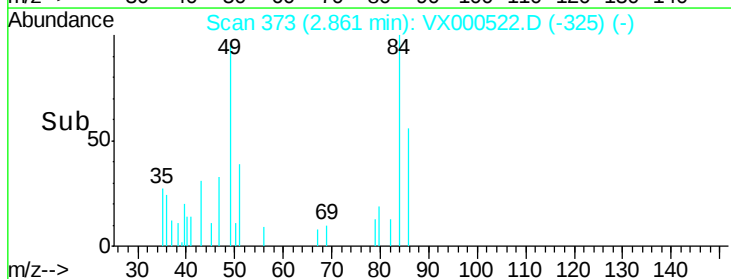
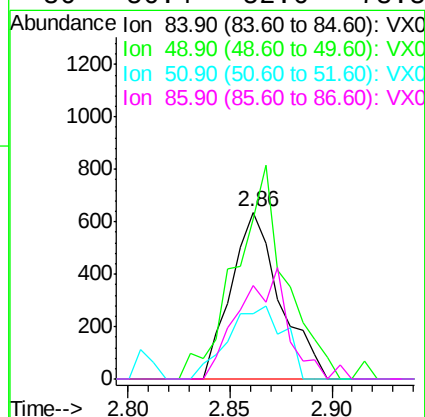
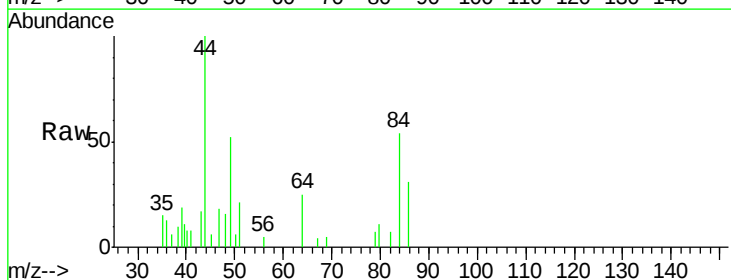
Ion Ratio Lower Upper

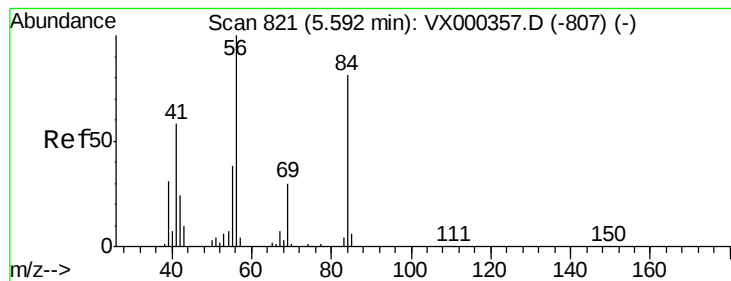
84 100

49 95.9 100.6 151.0#

51 39.3 31.6 47.4

86 56.4 52.6 78.8





#31

Cyclohexane

Concen: 1.55 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.09 min

Lab File: VX000522.D

Acq: 29 Mar 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

FB-032718

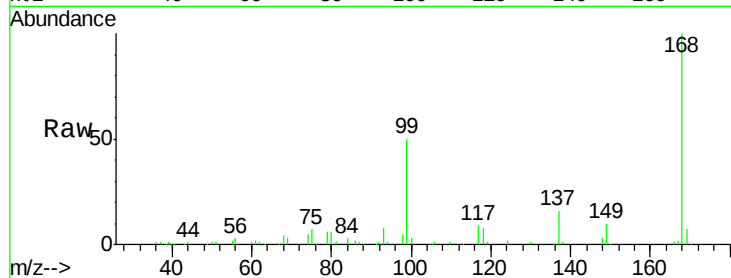
Tgt Ion: 56 Resp: 2946

Ion Ratio Lower Upper

56 100

69 106.6 23.4 35.0#

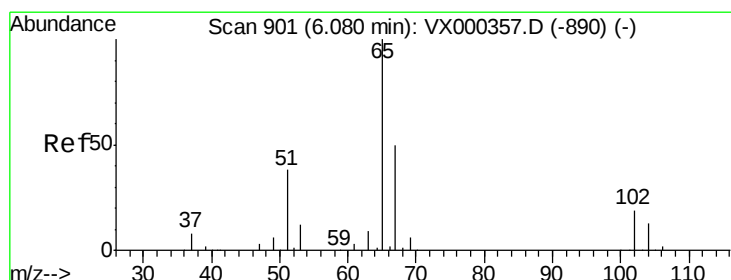
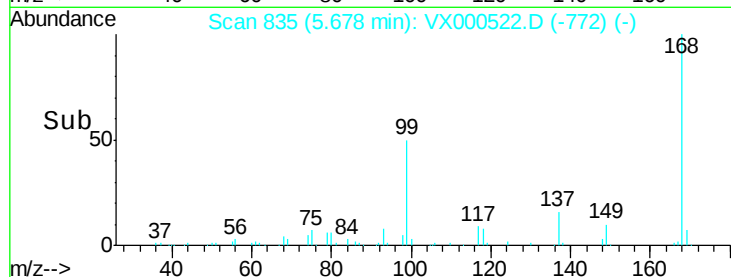
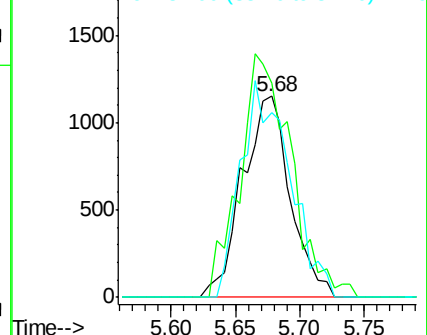
84 92.1 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 55.88 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000522.D

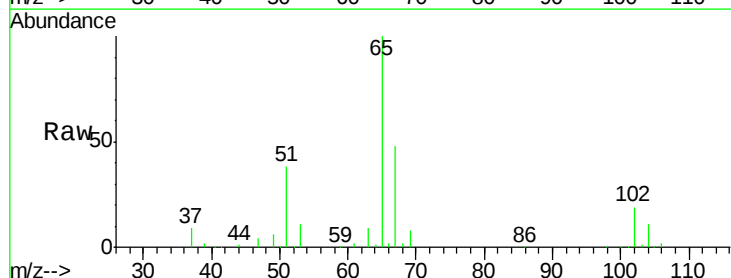
Acq: 29 Mar 2018 19:23

Tgt Ion: 65 Resp: 84072

Ion Ratio Lower Upper

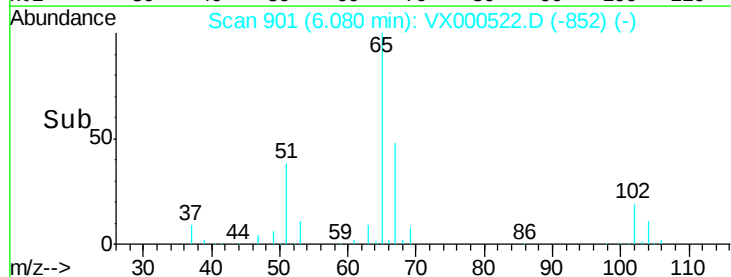
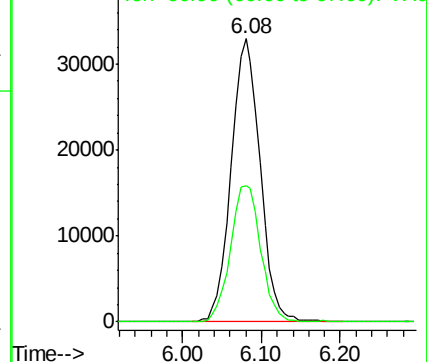
65 100

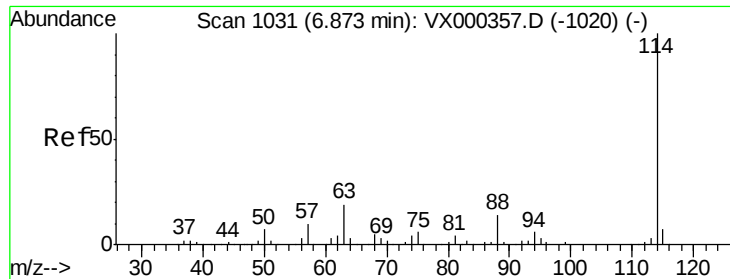
67 50.2 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

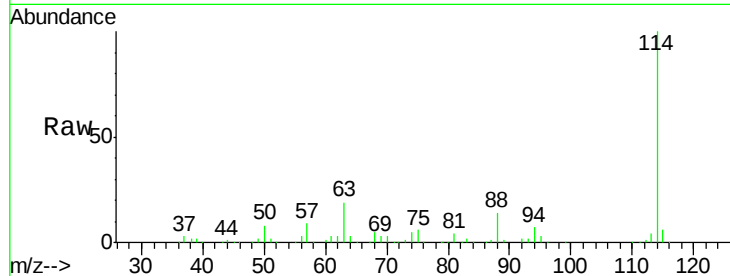




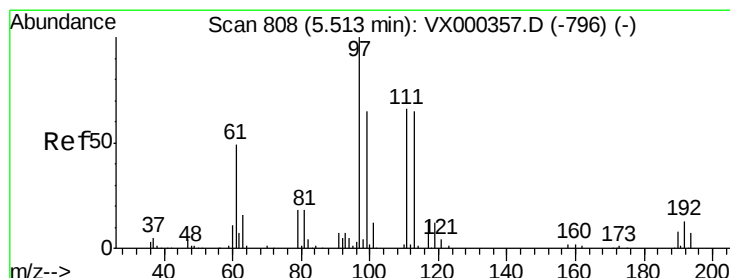
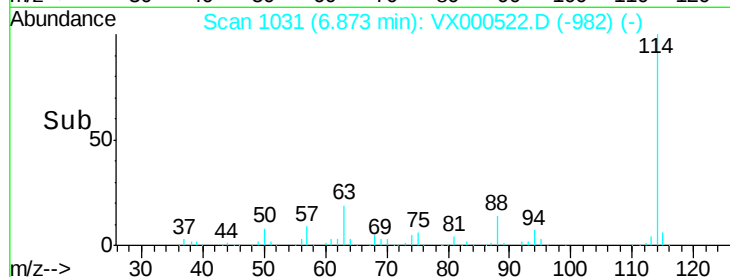
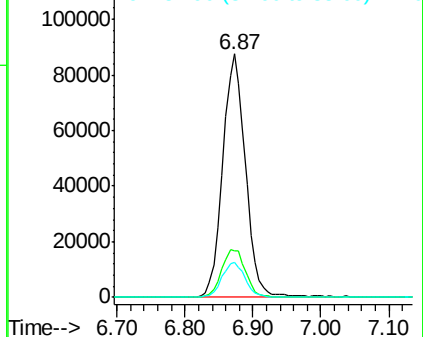
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000522.D
 Acq: 29 Mar 2018 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:114 Resp: 203702
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 14.4 0.0 27.0

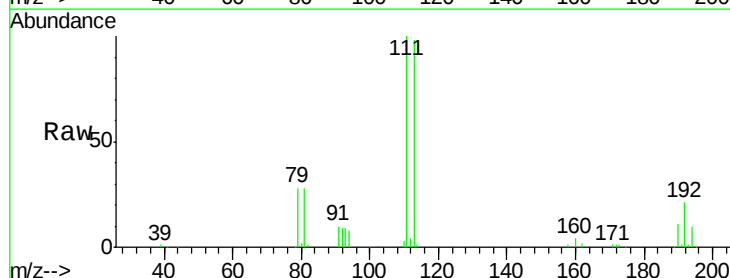


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

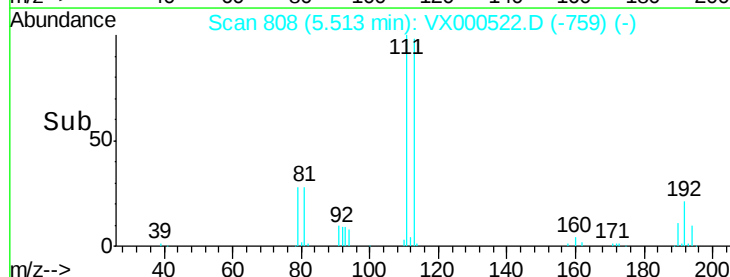
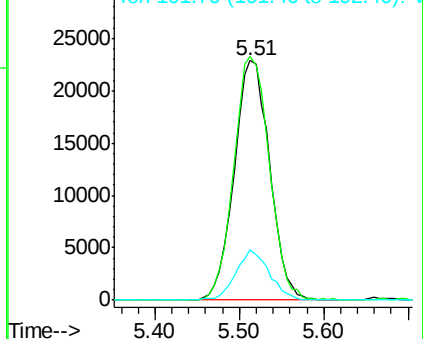


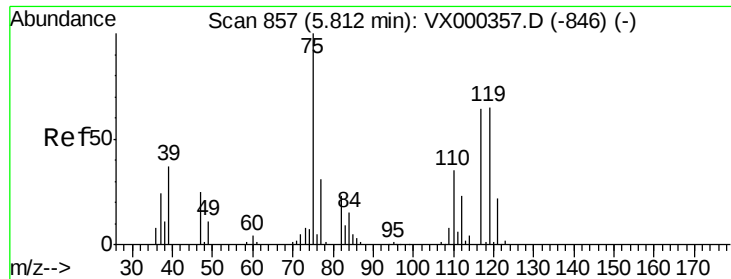
#35
 Dibromofluoromethane
 Concen: 50.79 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000522.D
 Acq: 29 Mar 2018 19:23

Tgt Ion:113 Resp: 65191
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.4 123.6
 192 19.6 15.8 23.6



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

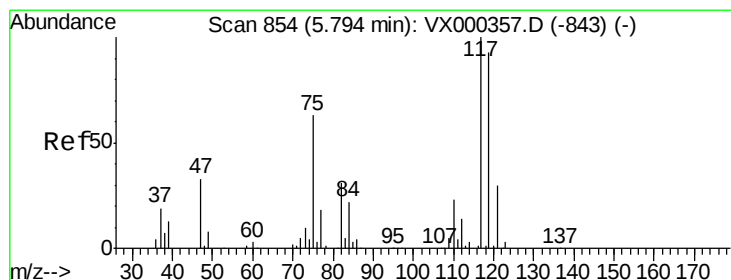
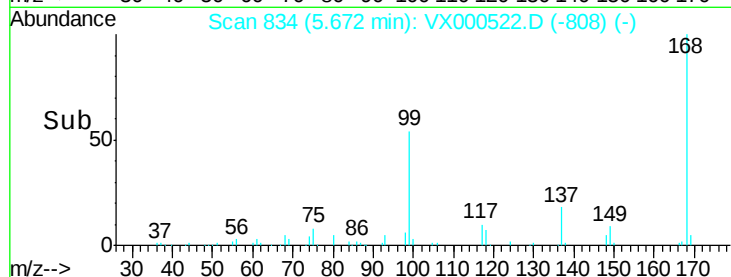
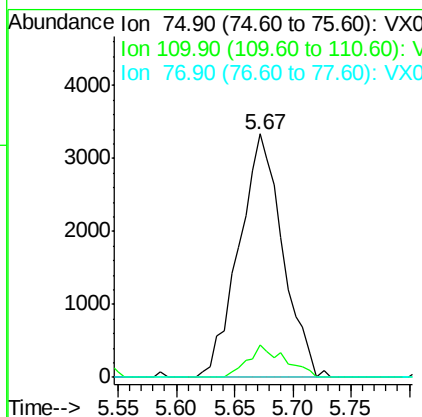
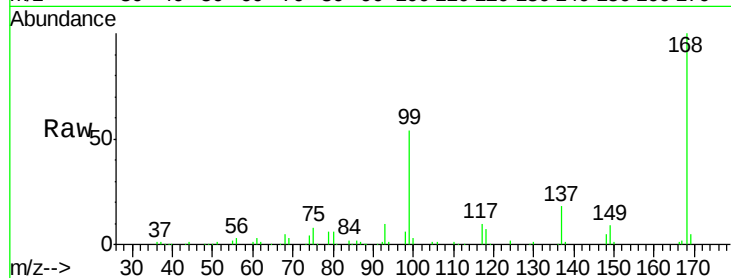




#36
 1,1-Dichloropropene
 Concen: 4.55 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.14 min
 Lab File: VX000522.D
 Acq: 29 Mar 2018 19:23

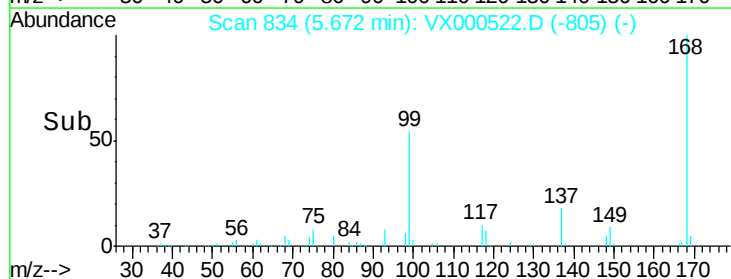
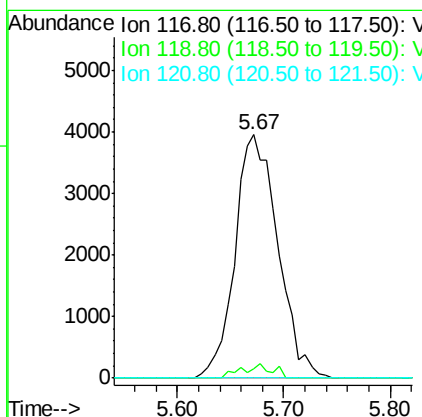
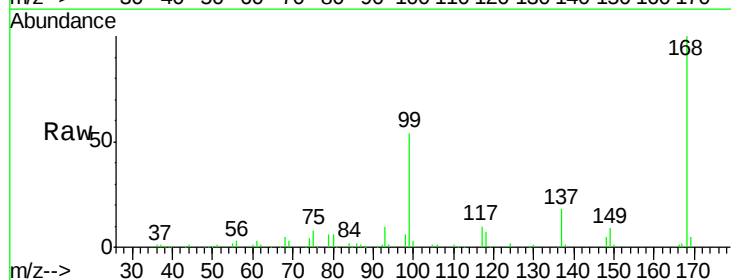
Instrument :
 MSVOA_X
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 FB-032718

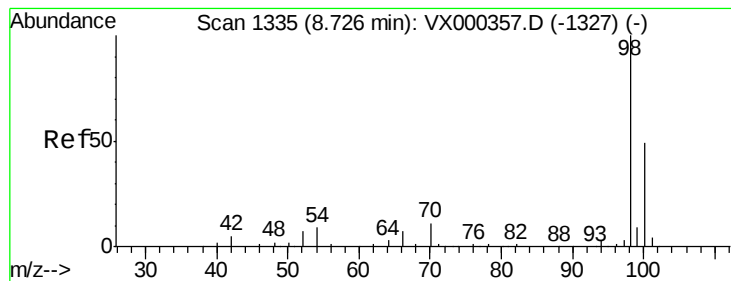
Tgt Ion: 75 Resp: 8673
 Ion Ratio Lower Upper
 75 100
 110 11.4 17.9 53.7#
 77 0.0 24.0 36.0#



#38
 Carbon Tetrachloride
 Concen: 5.57 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX000522.D
 Acq: 29 Mar 2018 19:23

Tgt Ion: 117 Resp: 11153
 Ion Ratio Lower Upper
 117 100
 119 4.0 77.4 116.2#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 50.15 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000522.D

Acq: 29 Mar 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

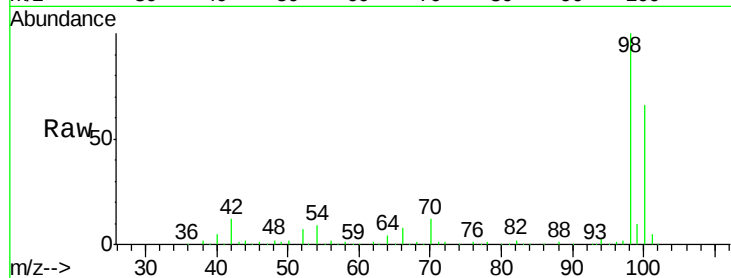
FB-032718

Tgt Ion: 98 Resp: 266580

Ion Ratio Lower Upper

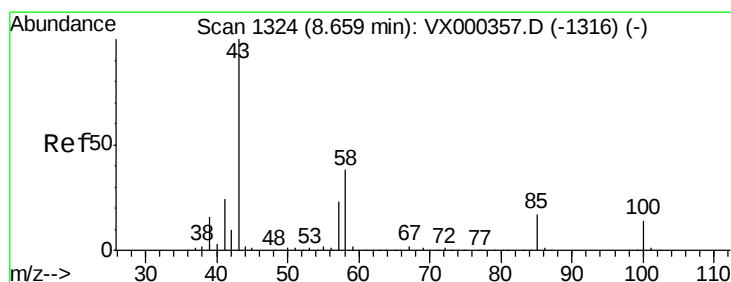
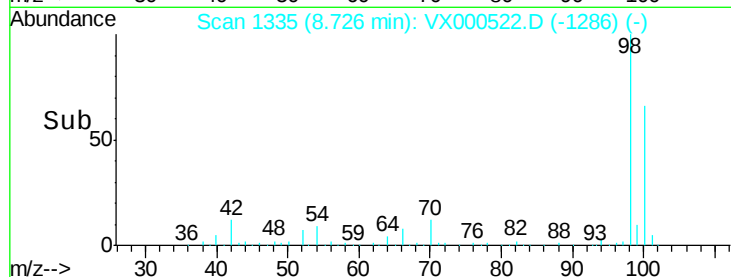
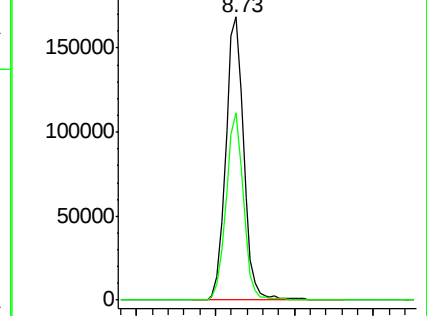
98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 0.47 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.07 min

Lab File: VX000522.D

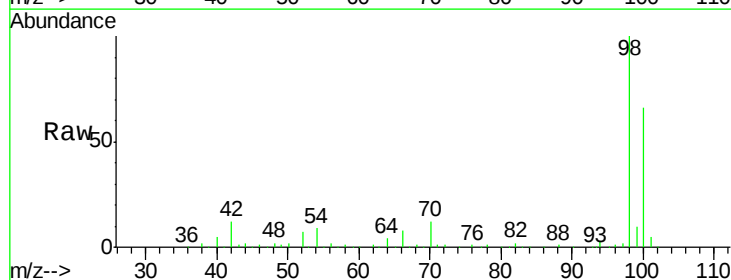
Acq: 29 Mar 2018 19:23

Tgt Ion: 43 Resp: 1424

Ion Ratio Lower Upper

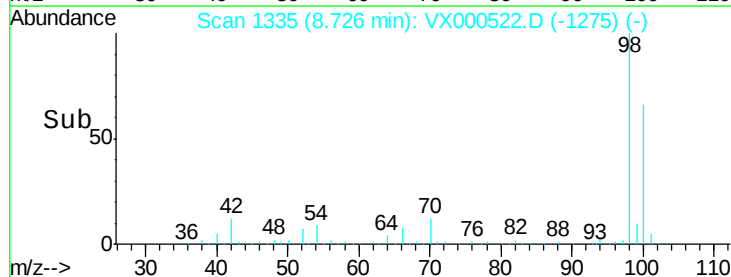
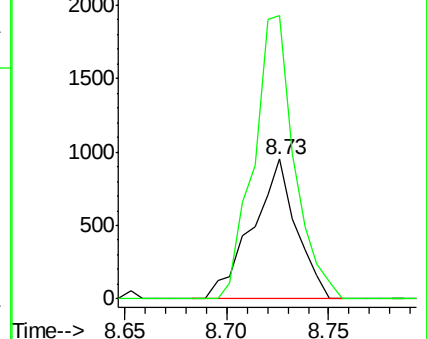
43 100

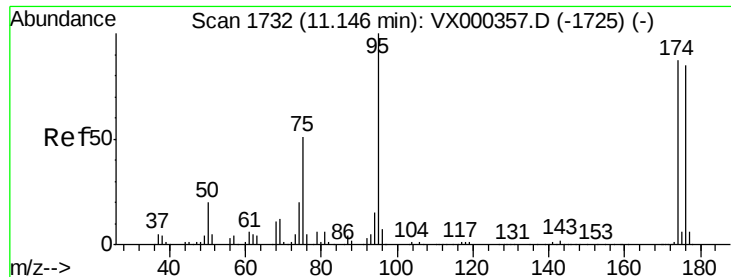
58 188.6 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.23 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000522.D

Acq: 29 Mar 2018 19:23

Instrument :

MSVOA_X

ClientSampled :

FB-032718

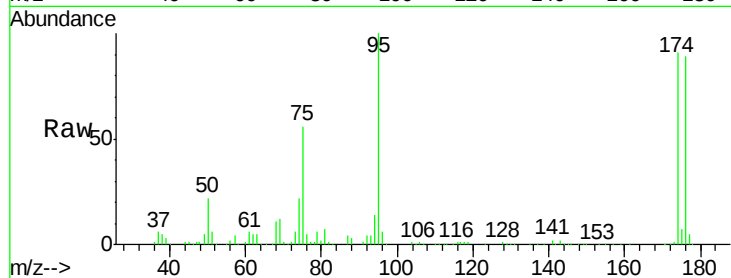
Tgt Ion: 95 Resp: 94970

Ion Ratio Lower Upper

95 100

174 89.4 0.0 173.6

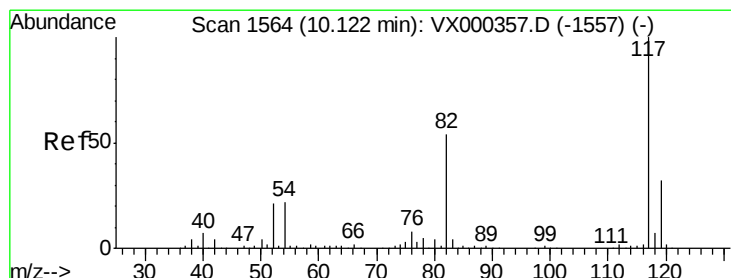
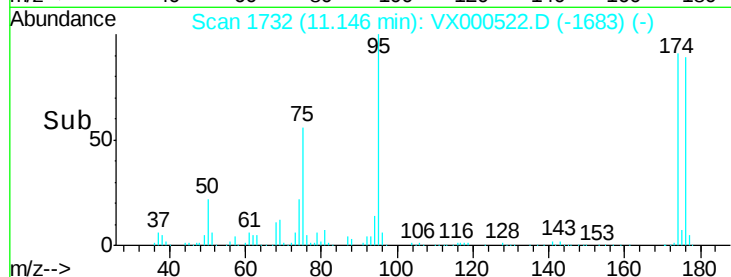
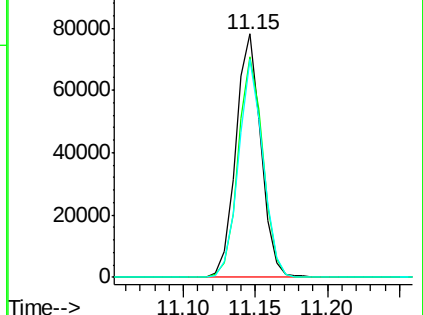
176 86.8 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000522.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000522.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000522.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000522.D

Acq: 29 Mar 2018 19:23

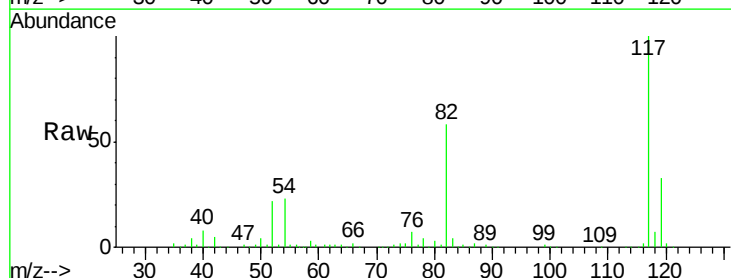
Tgt Ion: 117 Resp: 211048

Ion Ratio Lower Upper

117 100

82 58.2 43.8 65.8

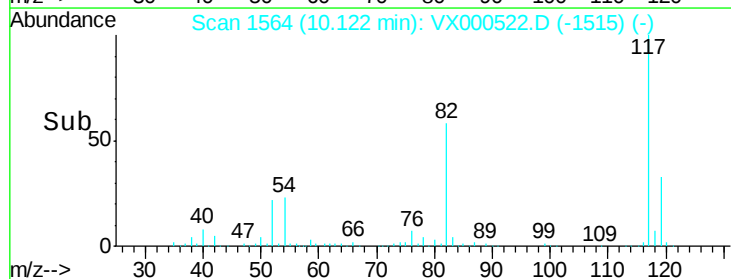
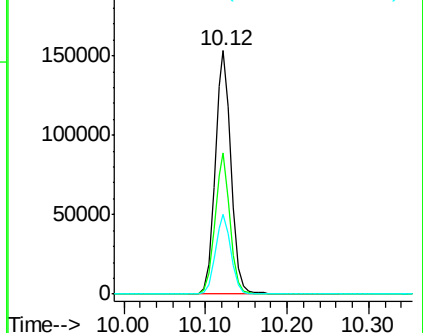
119 32.8 24.9 37.3

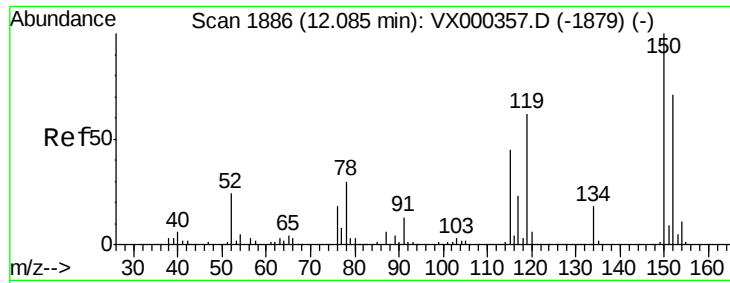


Abundance Ion 116.90 (116.60 to 117.60): VX000522.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000522.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000522.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000522.D

Acq: 29 Mar 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

FB-032718

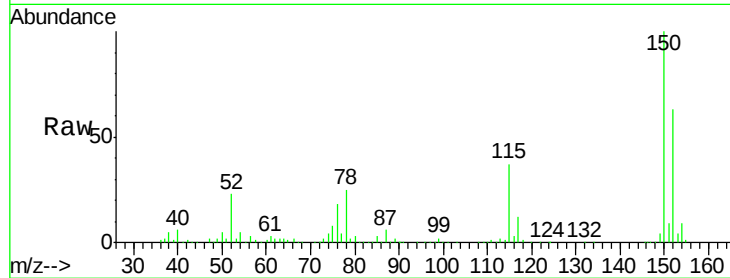
Tgt Ion:152 Resp: 110933

Ion Ratio Lower Upper

152 100

115 58.5 39.8 119.3

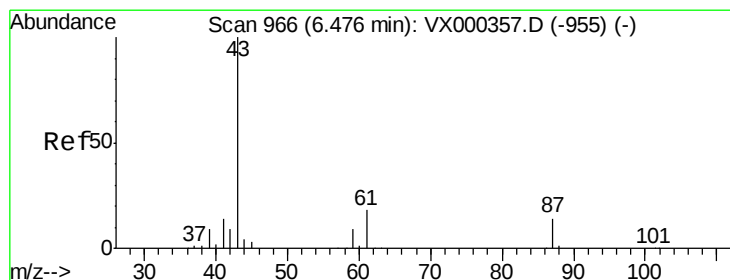
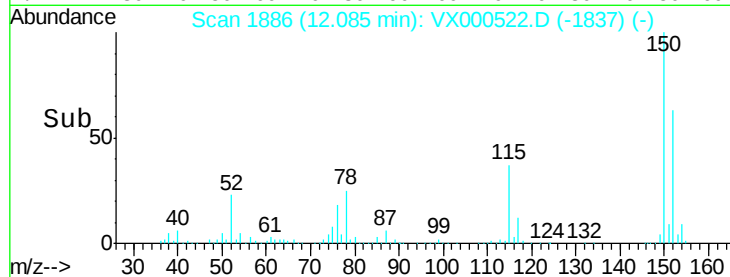
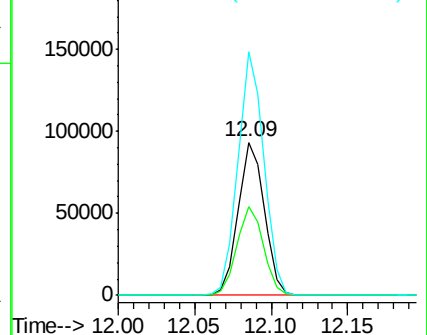
150 157.3 0.0 344.4



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



#74

N-ethyl acetate

Concen: Below Cal

RT: 6.50 min Scan# 970

Delta R.T. 0.02 min

Lab File: VX000522.D

Acq: 29 Mar 2018 19:23

Tgt Ion: 43 Resp: 36

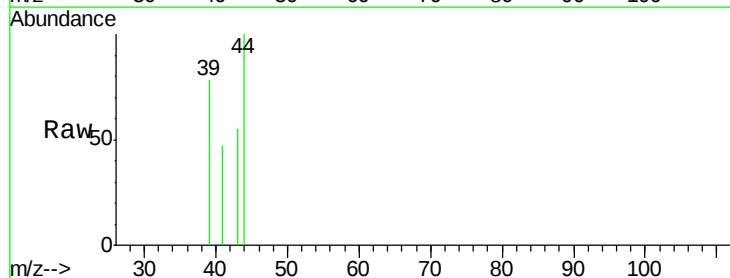
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 14.4 21.6#

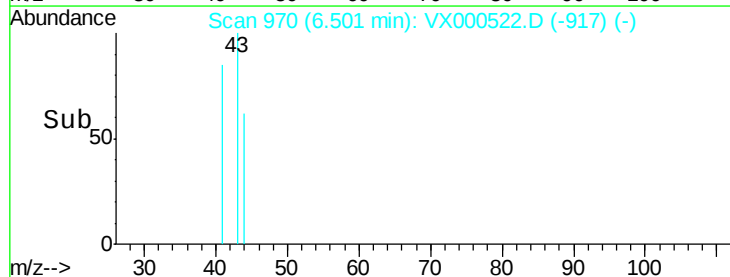
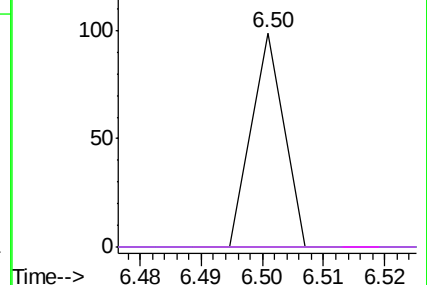


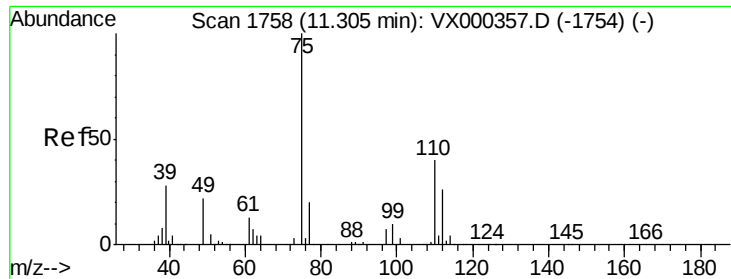
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

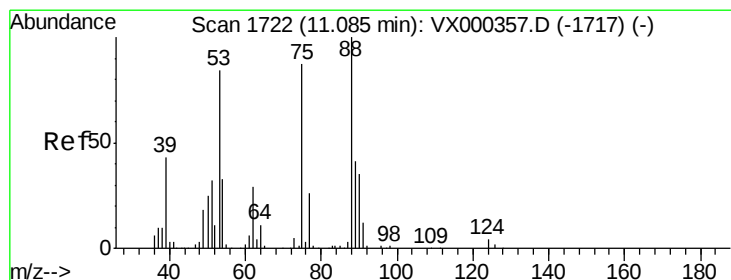
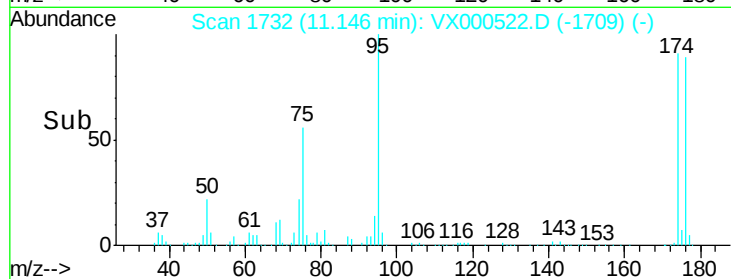
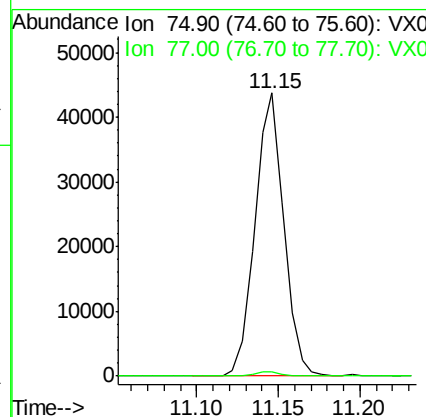
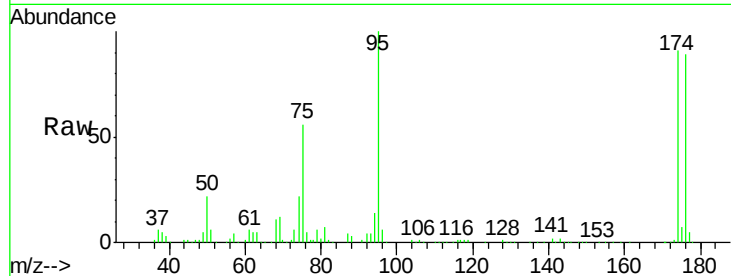




#76
 1,2,3-Trichloropropane
 Concen: 22.60 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000522.D
 Acq: 29 Mar 2018 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-032718

Tgt Ion: 75 Resp: 53883
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.4 64.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.17 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000522.D
 Acq: 29 Mar 2018 19:23

Tgt Ion: 75 Resp: 53883
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.7 121.1#
 89 0.0 39.4 59.0#

