

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100518\
 Data File : VX005101.D
 Acq On : 06 Oct 2018 07:46
 Operator : JC/MD
 Sample : J5224-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-QBC5

Quant Time: Oct 08 00:56:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222515	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	325192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186675	50.00	ug/l	0.00

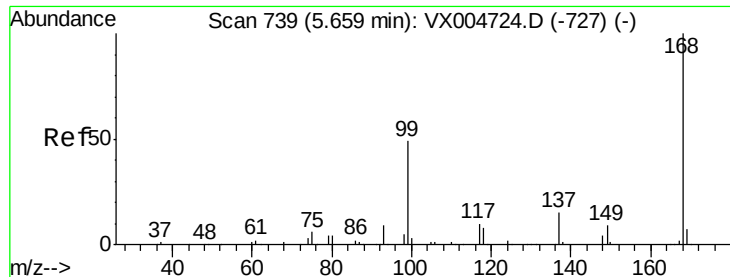
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	172188	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
35) Dibromofluoromethane	5.50	113	143134	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
50) Toluene-d8	8.71	98	470942	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.14	95	172364	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	

Target Compounds

					Qvalue	
4) Vinyl Chloride	1.40	62	2452	0.710	ug/l	99
5) Bromomethane	1.64	94	661	0.323	ug/l	100
6) Chloroethane	1.71	64	61	Below Cal	#	45
11) Tert butyl alcohol	3.03	59	1365	1.536	ug/l #	82
12) 1,1-Dichloroethene	2.37	96	665	0.276	ug/l	97
13) Acrolein	2.29	56	142	0.225	ug/l #	17
16) Acetone	2.45	43	1441	0.777	ug/l #	87
18) Methyl Acetate	2.78	43	1092	0.232	ug/l	97
20) Methylene Chloride	2.85	84	254	Below Cal	#	54
21) trans-1,2-Dichloroethene	3.17	96	1433	0.543	ug/l #	81
25) 2-Butanone	4.71	43	651	0.238	ug/l #	49
27) cis-1,2-Dichloroethene	4.59	96	8453	2.867	ug/l	92
29) Tetrahydrofuran	5.17	42	2223	1.308	ug/l	92
31) Cyclohexane	5.67	56	4215	1.042	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15256	4.057	ug/l #	46
37) Ethyl Acetate	4.87	43	3095	0.620	ug/l #	93
38) Carbon Tetrachloride	5.66	117	19738	4.994	ug/l #	17
44) Trichloroethene	7.21	130	9295	3.212	ug/l	96
51) 4-Methyl-2-Pentanone	8.71	43	2084	0.459	ug/l #	1
56) Ethyl methacrylate	9.02	69	24	2.867	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.54	63	23	14.251	ug/l #	49
60) Dibromochloromethane	9.34	129	8596	3.033	ug/l #	10
64) Tetrachloroethene	9.34	164	9593	3.013	ug/l	96
70) Styrene	10.71	104	85	2.150	ug/l #	25
74) N-amyl acetate	10.90	43	97	1.762	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	84763	20.259	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	102	Below Cal		85
81) trans-1,4-Dichloro-2-buten	11.14	75	84763	55.044	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	198	Below Cal		85
95) Naphthalene	13.83	128	484	0.750	ug/l #	85

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005101.D

Acq: 06 Oct 2018 07:46

Instrument :

MSVOA_X

ClientSampleId :

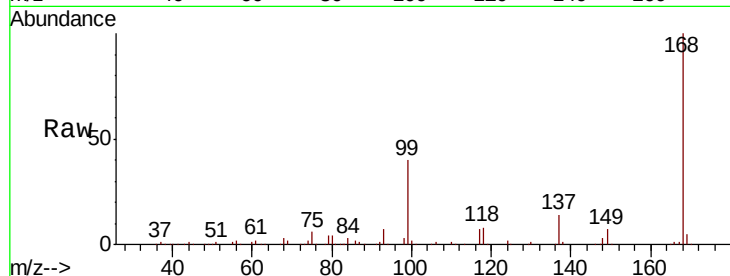
FA18-QBC5

Tot Ion:168 Resp: 222515

Ion Ratio Lower Upper

168 100

99 40.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

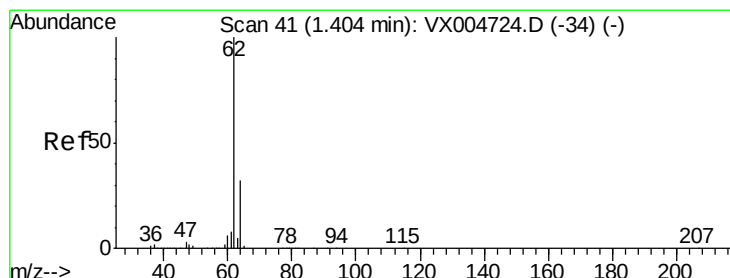
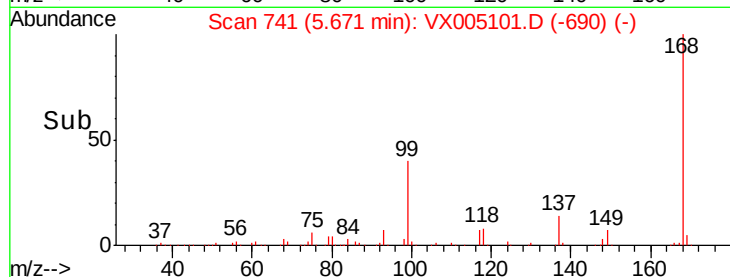
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.710 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005101.D

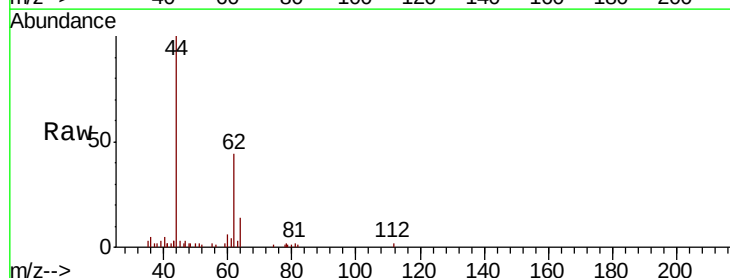
Acq: 06 Oct 2018 07:46

Tgt Ion: 62 Resp: 2452

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

2500

2000

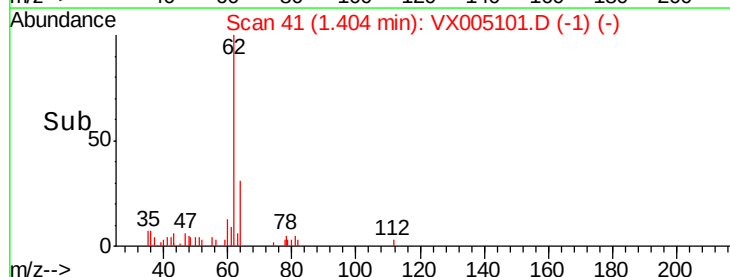
1500

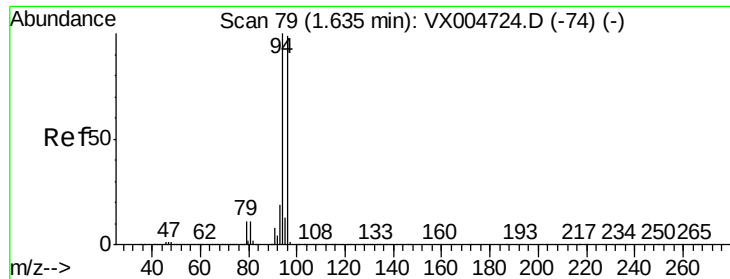
1000

500

0

Time--> 1.35 1.40 1.45





#5

Bromomethane

Concen: 0.323 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005101.D

Acq: 06 Oct 2018 07:46

Instrument :

MSVOA_X

ClientSampled :

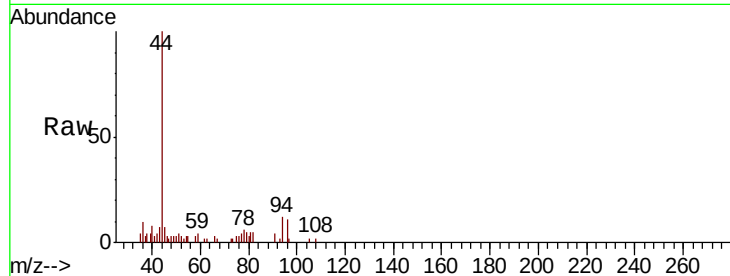
FA18-QBC5

Tot Ion: 94 Resp: 661

Ion Ratio Lower Upper

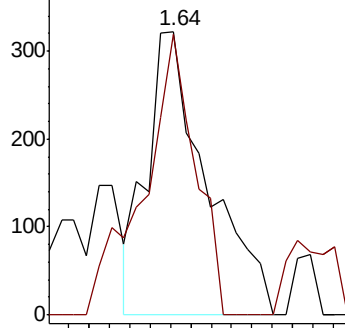
94 100

96 99.1 79.5 119.3

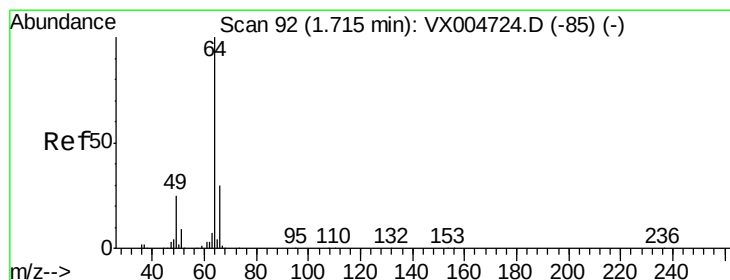
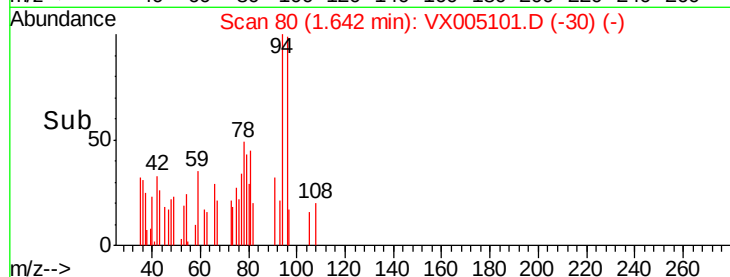


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005101.D

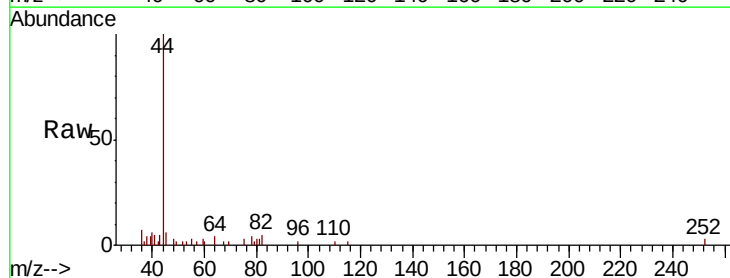
Acq: 06 Oct 2018 07:46

Tgt Ion: 64 Resp: 61

Ion Ratio Lower Upper

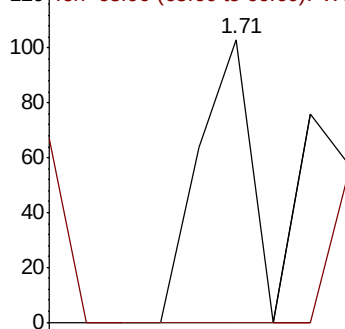
64 100

66 0.0 23.8 35.6#

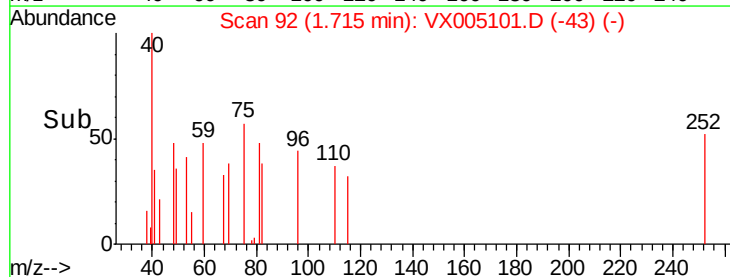


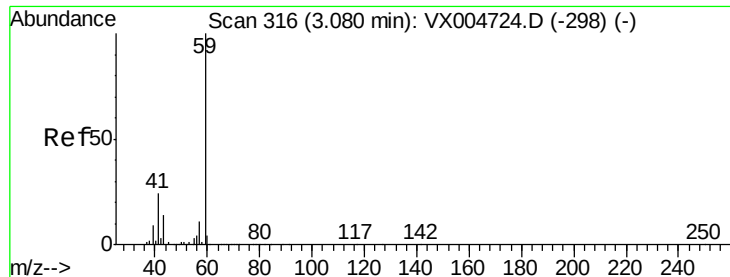
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



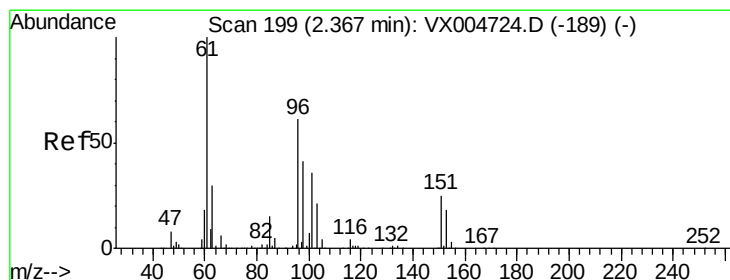
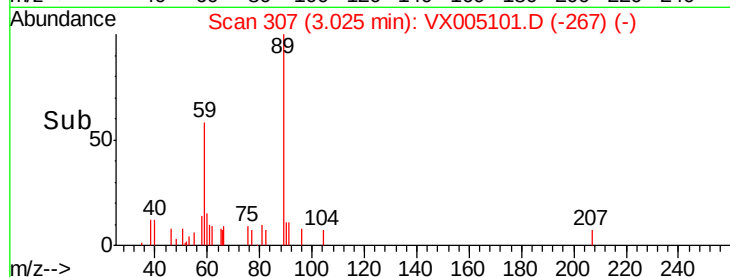
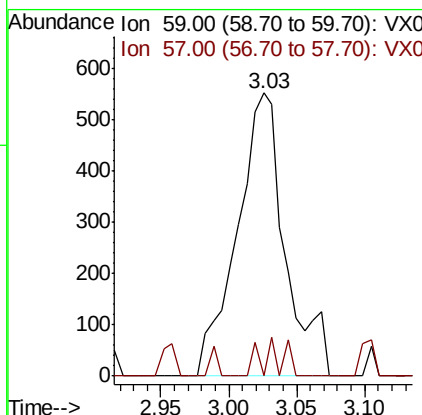
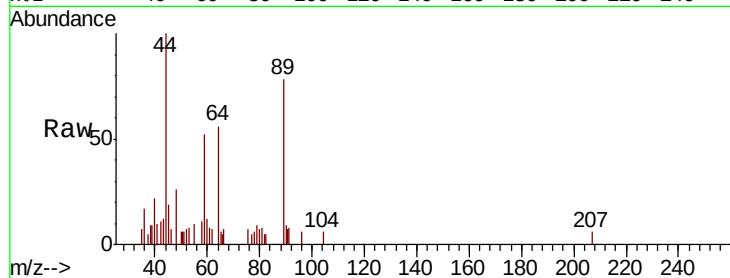


#11

Tert butyl alcohol
Concen: 1.536 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX005101.D
Acq: 06 Oct 2018 07:46

Instrument :
MSVOA_X
ClientSampled :
FA18-QBC5

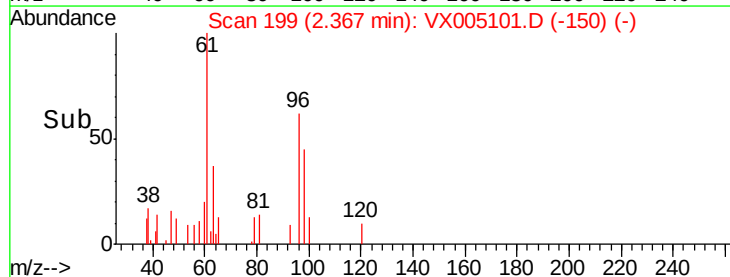
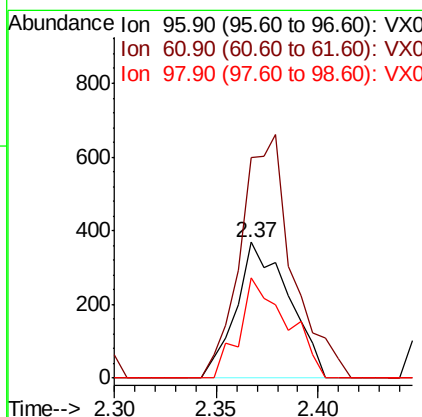
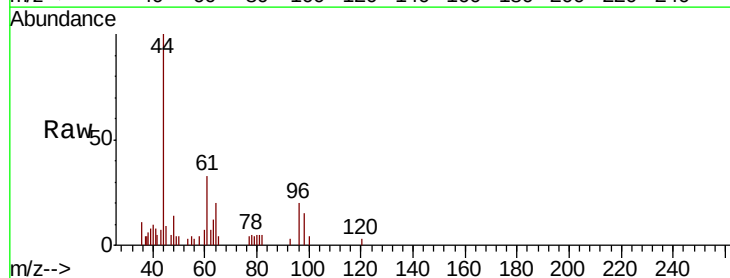
Tot Ion: 59 Resp: 1365
Ion Ratio Lower Upper
59 100
57 3.9 8.6 12.8#

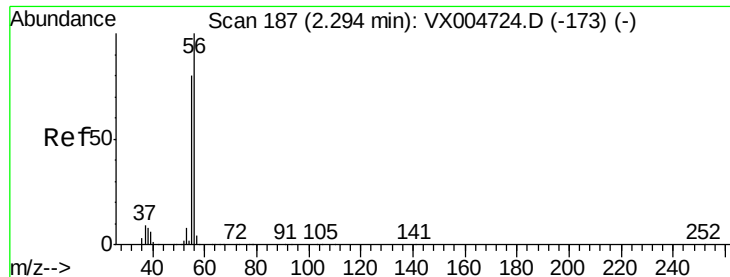


#12

1,1-Dichloroethene
Concen: 0.276 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005101.D
Acq: 06 Oct 2018 07:46

Tgt Ion: 96 Resp: 665
Ion Ratio Lower Upper
96 100
61 162.2 130.2 195.4
98 73.6 53.4 80.0





#13

Acrolein

Concen: 0.225 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005101.D

Acq: 06 Oct 2018 07:46

Instrument :

MSVOA_X

ClientSampleId :

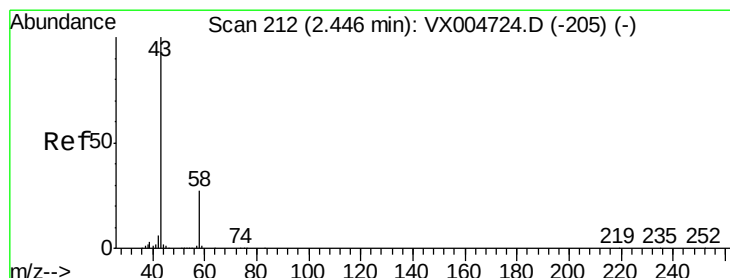
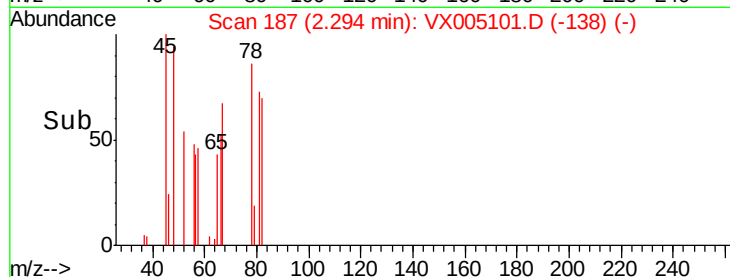
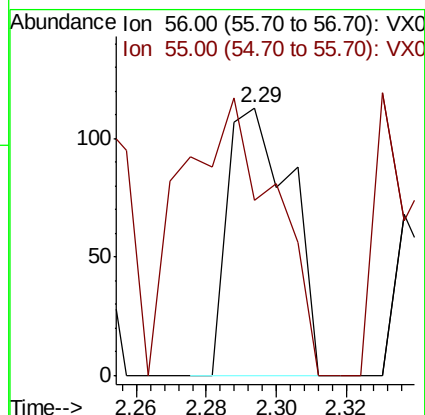
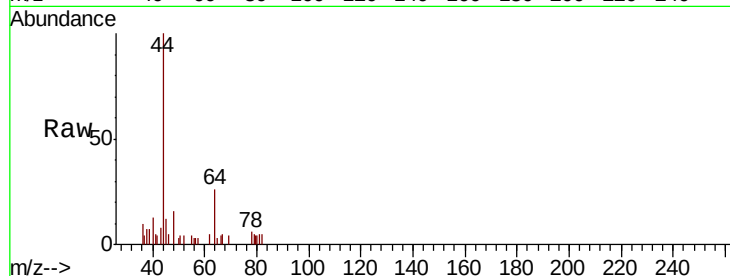
FA18-QBC5

Tot Ion: 56 Resp: 142

Ion Ratio Lower Upper

56 100

55 152.1 63.4 95.2#



#16

Acetone

Concen: 0.777 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005101.D

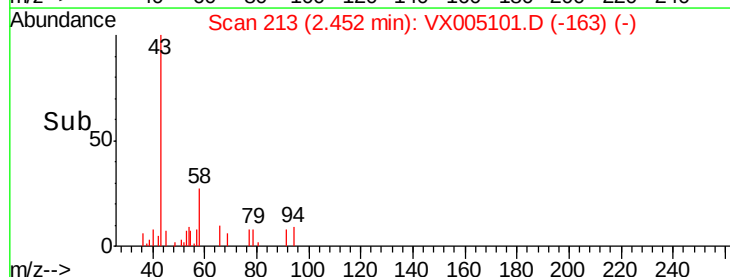
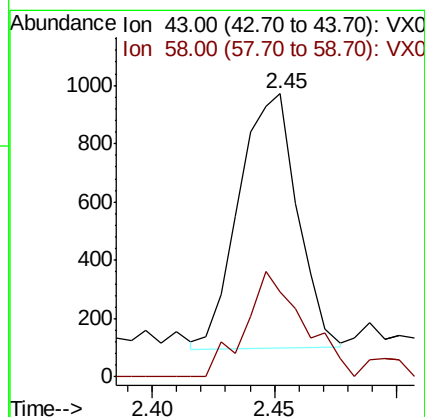
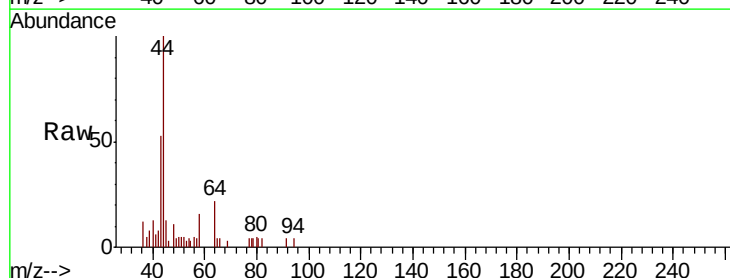
Acq: 06 Oct 2018 07:46

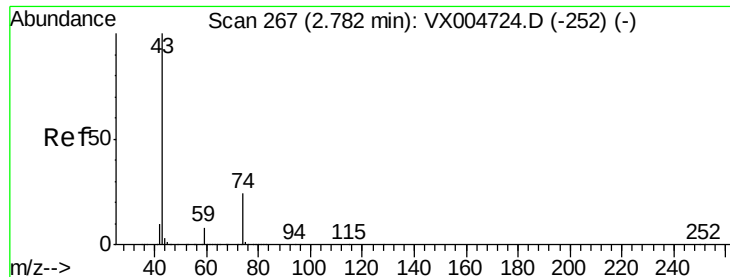
Tgt Ion: 43 Resp: 1441

Ion Ratio Lower Upper

43 100

58 34.1 21.8 32.6#

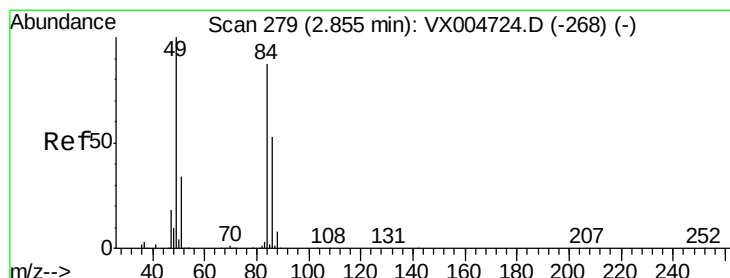
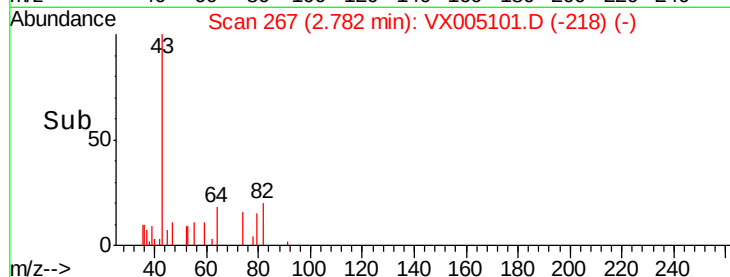
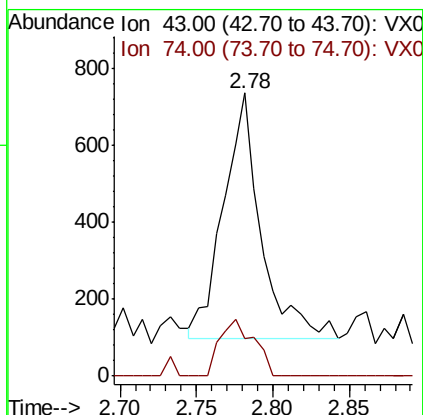
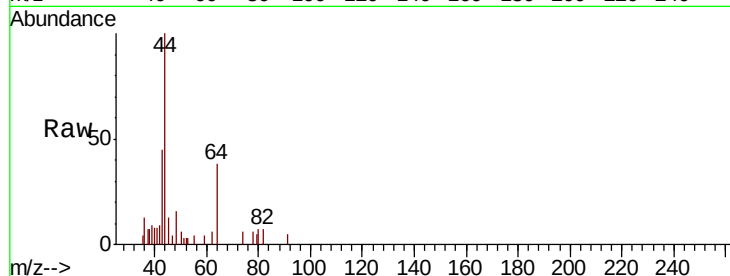




#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005101.D
Acq: 06 Oct 2018 07:46

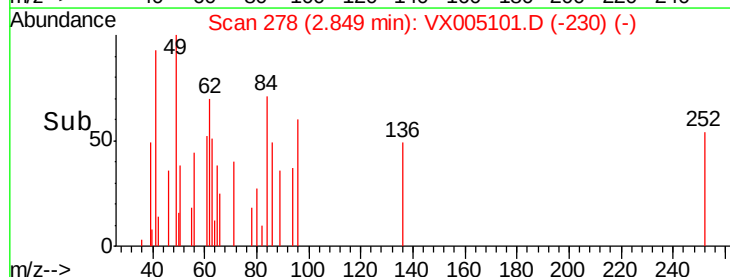
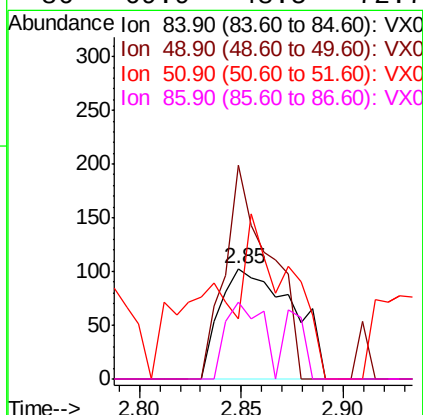
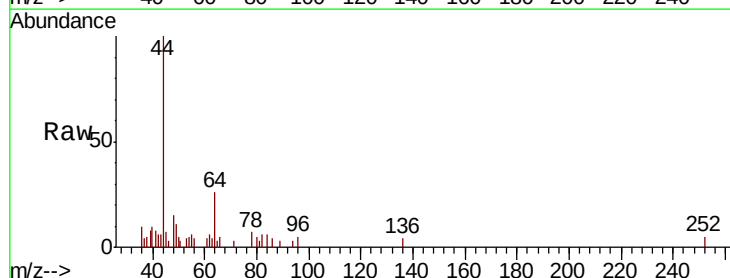
Instrument :
MSVOA_X
ClientSampleId :
FA18-QBC5

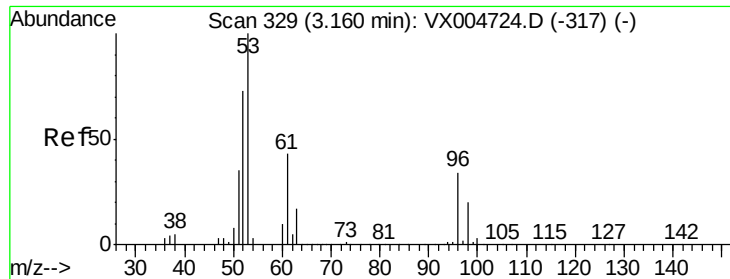
Tot Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
74 20.7 17.8 26.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005101.D
Acq: 06 Oct 2018 07:46

Tgt Ion: 84 Resp: 254
Ion Ratio Lower Upper
84 100
49 193.2 92.3 138.5#
51 54.4 31.8 47.6#
86 69.9 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 0.543 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005101.D

Acq: 06 Oct 2018 07:46

Instrument :

MSVOA_X

ClientSampled :

FA18-QBC5

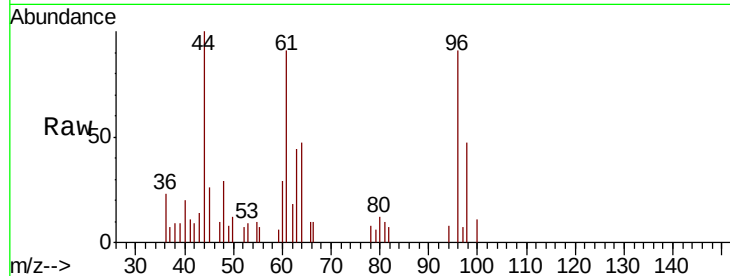
Tot Ion: 96 Resp: 1433

Ion Ratio Lower Upper

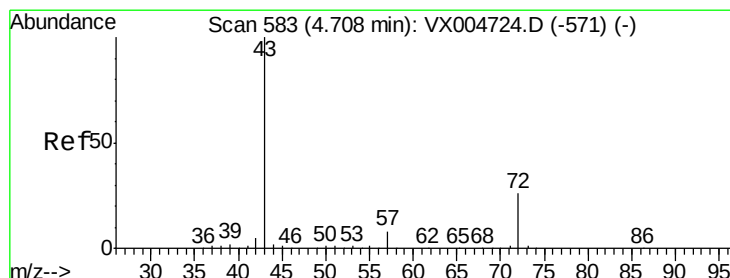
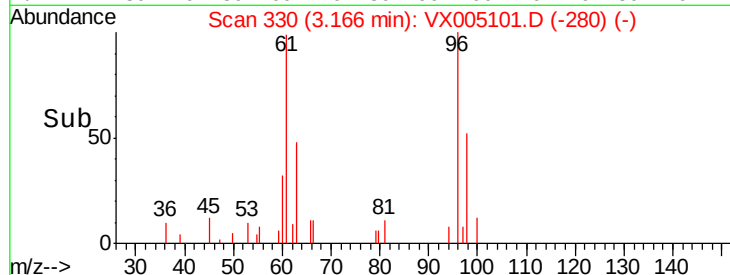
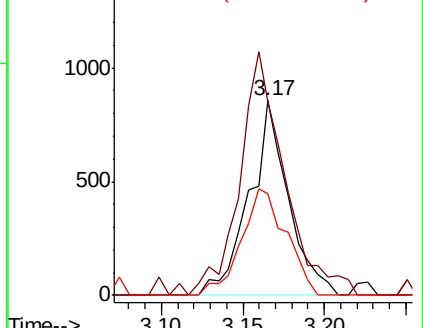
96 100

61 99.4 101.0 151.6#

98 51.9 47.2 70.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 0.238 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX005101.D

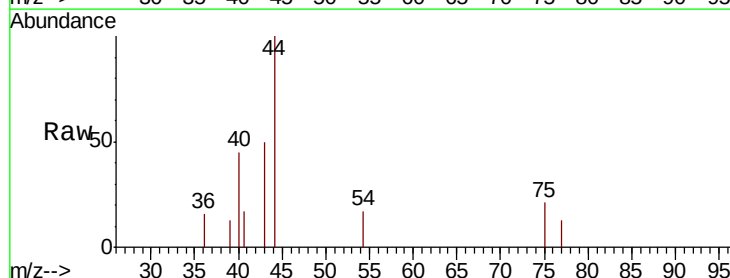
Acq: 06 Oct 2018 07:46

Tgt Ion: 43 Resp: 651

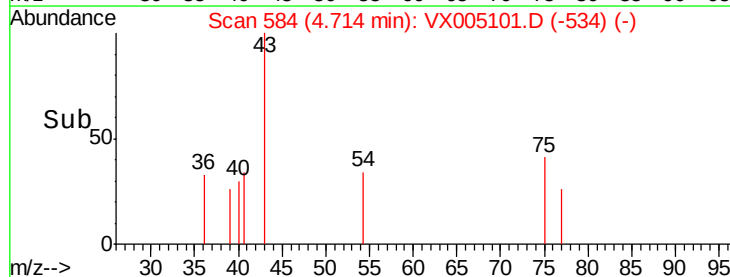
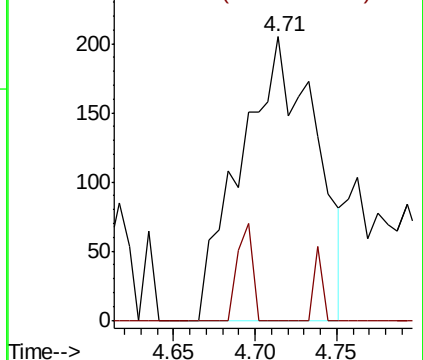
Ion Ratio Lower Upper

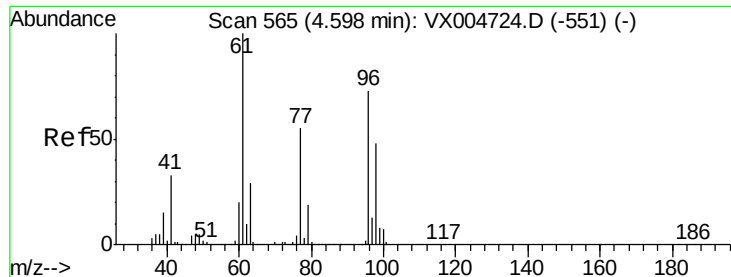
43 100

72 0.0 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



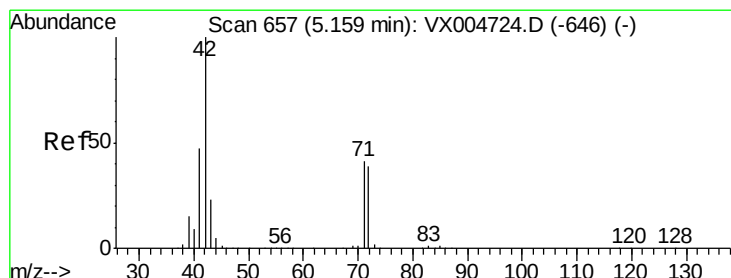
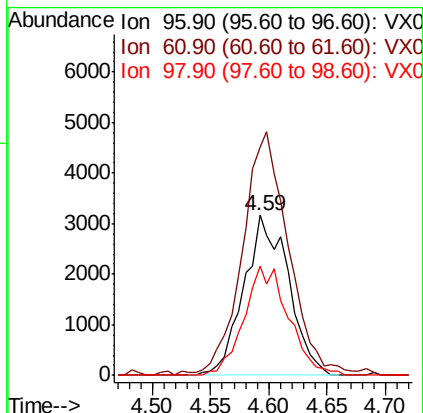
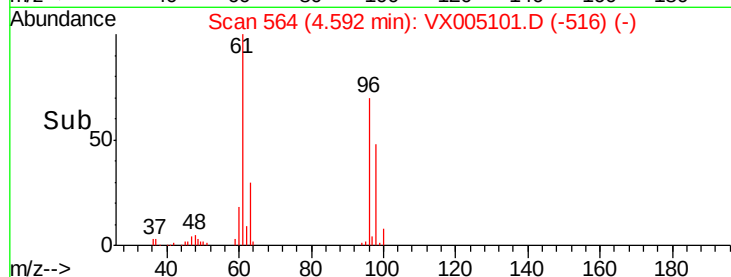
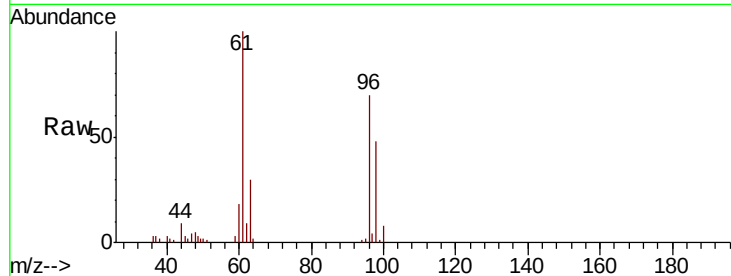


#27

cis-1,2-Dichloroethene
Concen: 2.867 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005101.D
Acq: 06 Oct 2018 07:46

Instrument :
MSVOA_X
ClientSampleId :
FA18-QBC5

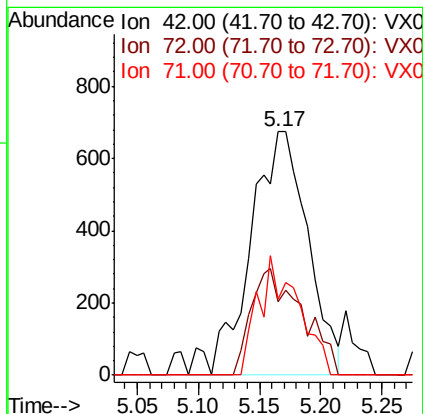
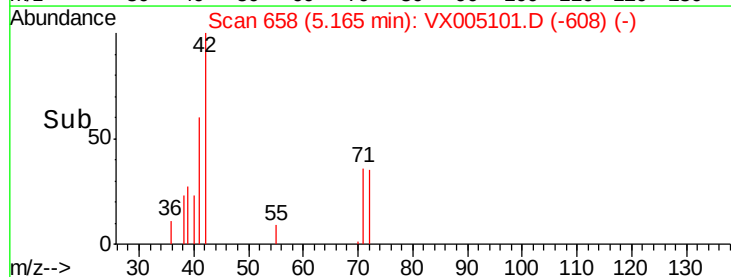
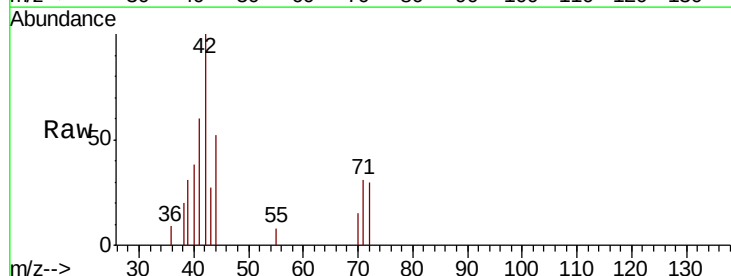
Tot Ion: 96 Resp: 8453
Ion Ratio Lower Upper
96 100
61 157.2 0.0 285.8
98 67.9 0.0 136.2

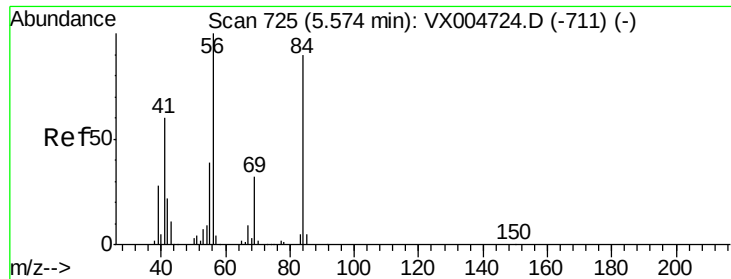


#29

Tetrahydrofuran
Concen: 1.308 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005101.D
Acq: 06 Oct 2018 07:46

Tgt Ion: 42 Resp: 2223
Ion Ratio Lower Upper
42 100
72 38.4 33.7 50.5
71 33.8 32.2 48.4

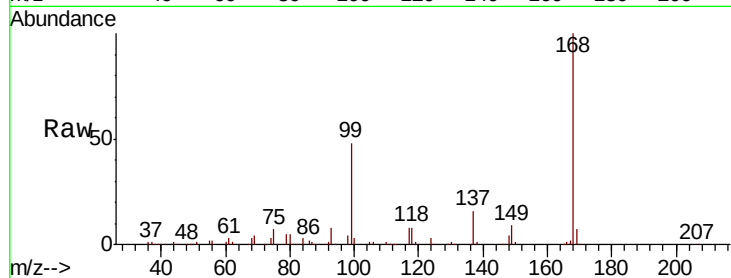




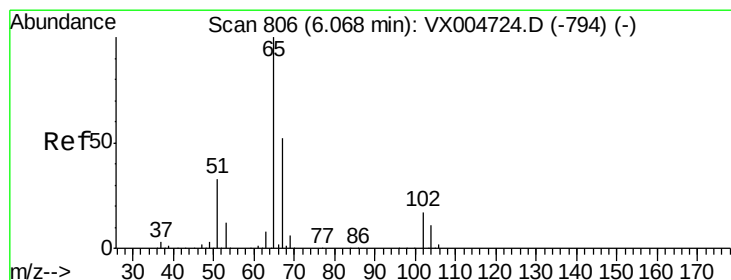
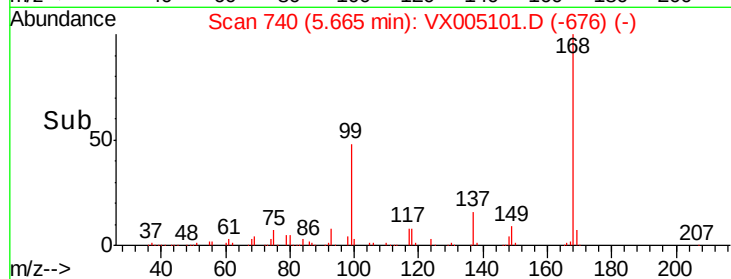
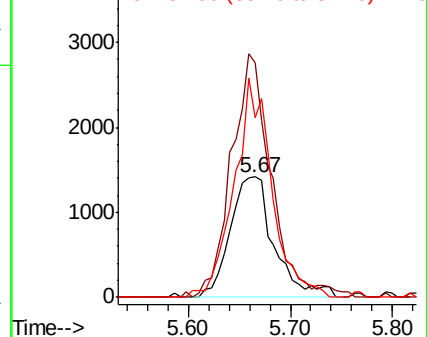
#31
Cyclohexane
Concen: 1.042 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005101.D
Acq: 06 Oct 2018 07:46

Instrument :
MSVOA_X
ClientSampleId :
FA18-QBC5

Tot Ion: 56 Resp: 4215
Ion Ratio Lower Upper
56 100
69 194.7 25.9 38.9#
84 149.5 71.9 107.9#

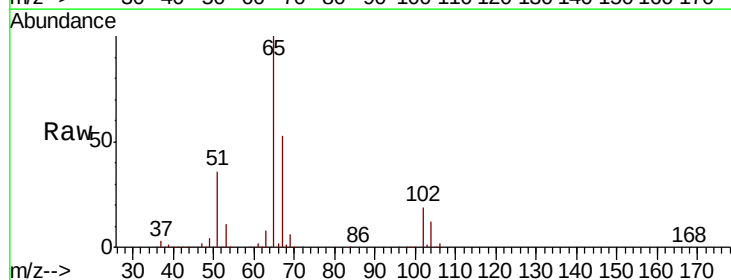


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

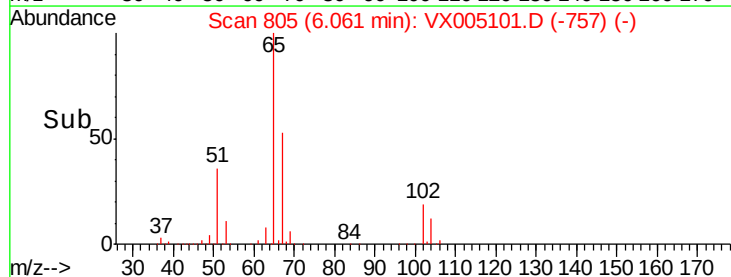
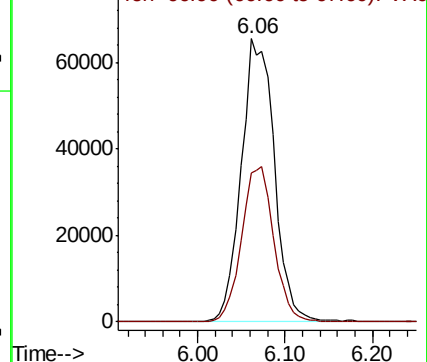


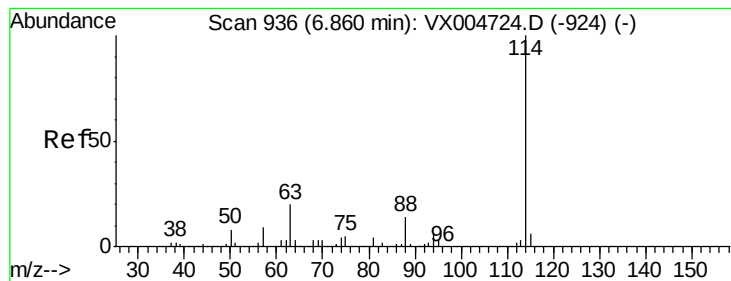
#33
1,2-Dichloroethane-d4
Concen: 54.170 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005101.D
Acq: 06 Oct 2018 07:46

Tgt Ion: 65 Resp: 172188
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005101.D

Acq: 06 Oct 2018 07:46

Instrument :

MSVOA_X

ClientSampleId :

FA18-QBC5

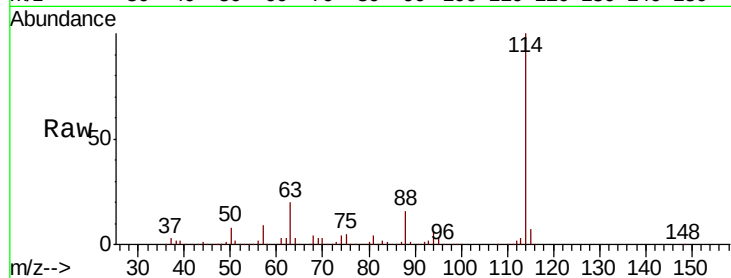
Tot Ion:114 Resp: 325192

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

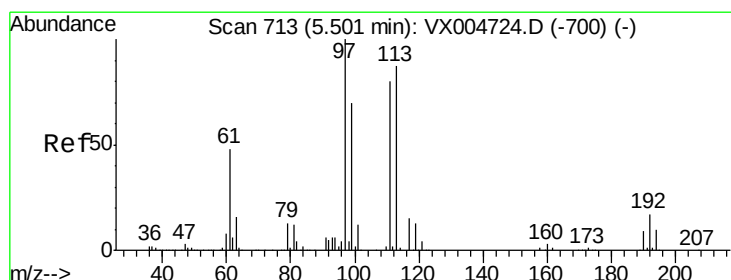
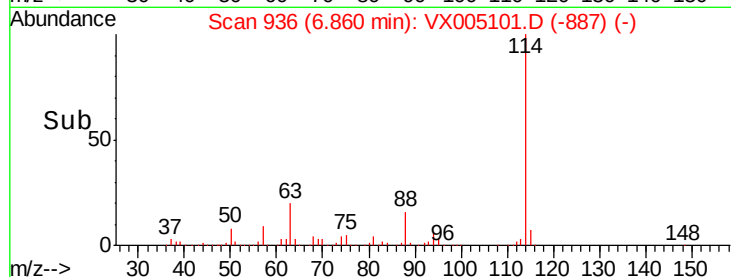
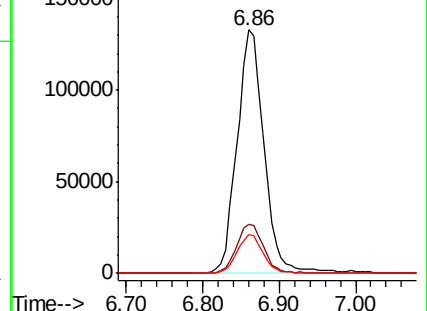
88 15.8 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 51.935 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005101.D

Acq: 06 Oct 2018 07:46

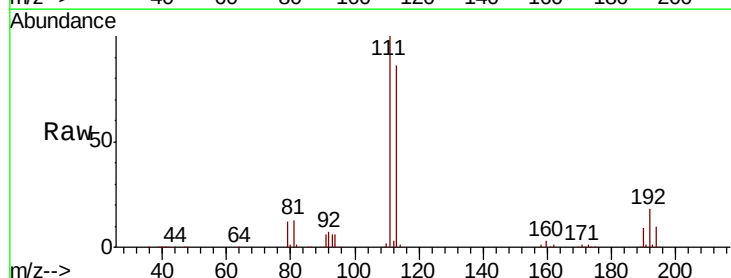
Tgt Ion:113 Resp: 143134

Ion Ratio Lower Upper

113 100

111 105.7 77.0 115.4

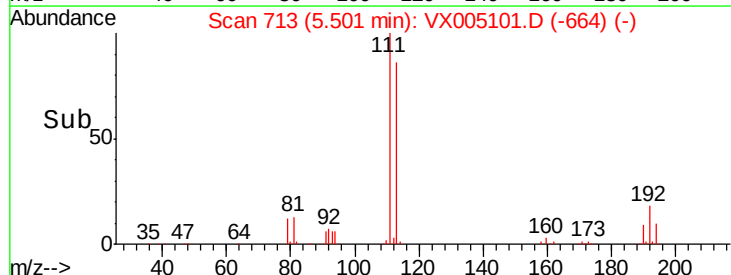
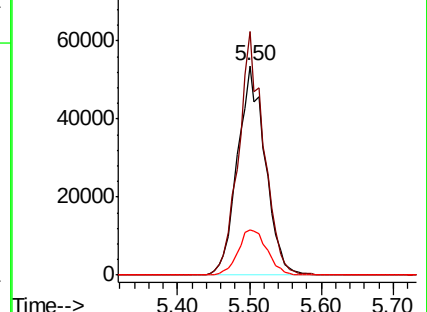
192 22.7 17.0 25.6

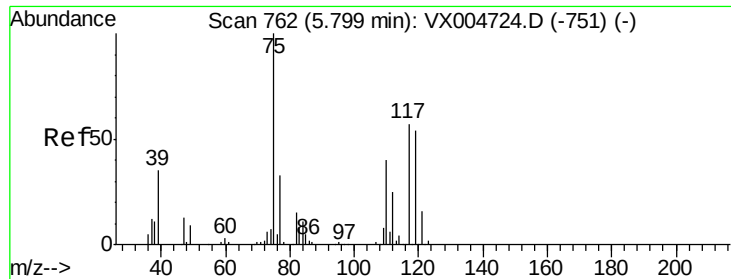


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

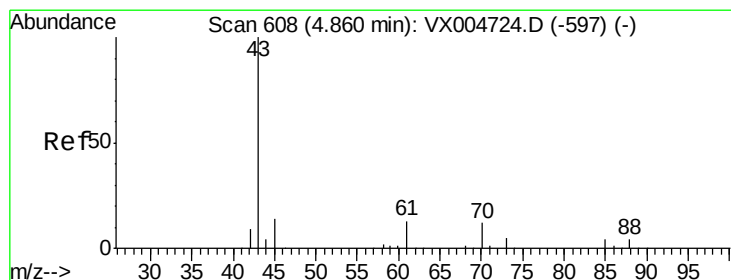
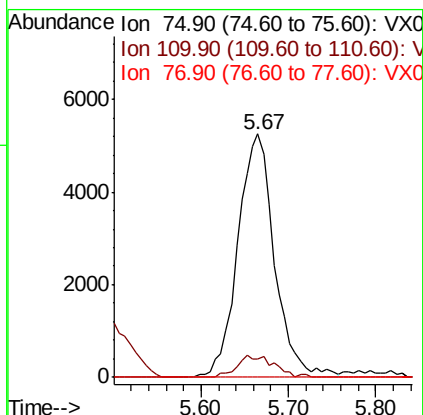
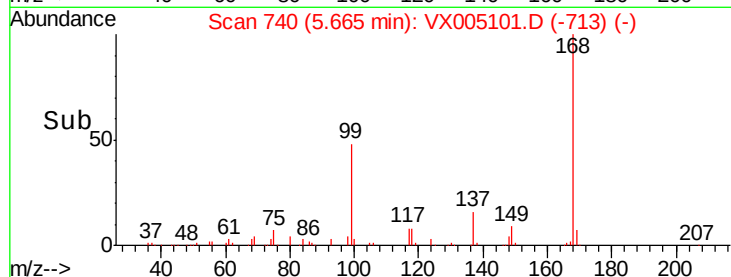
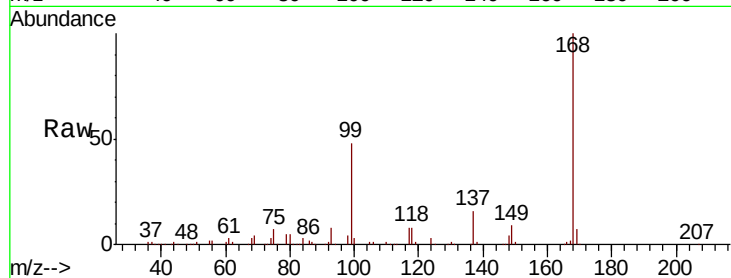




#36
 1,1-Dichloropropene
 Concen: 4.057 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005101.D
 Acq: 06 Oct 2018 07:46

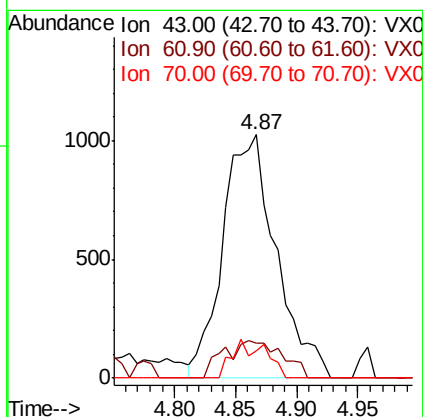
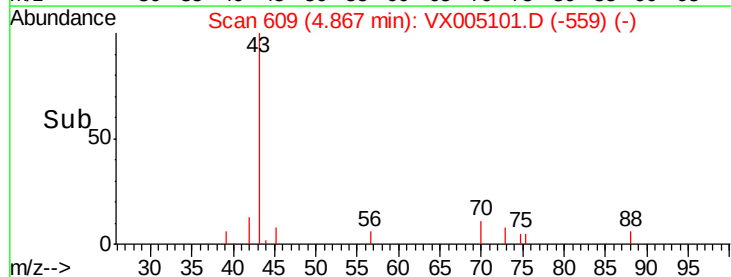
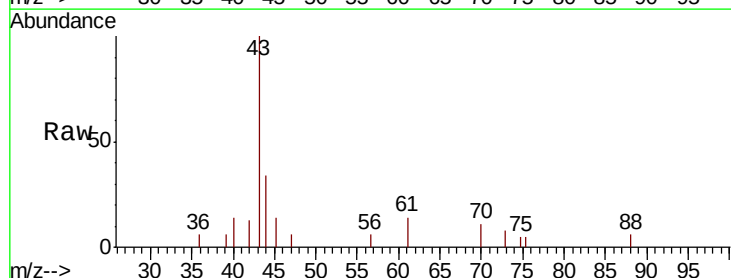
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-QBC5

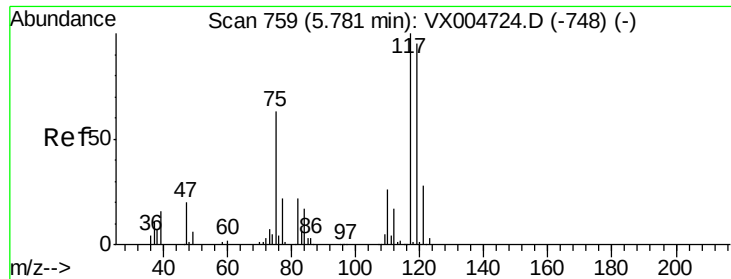
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	20.0	59.9#
77	0.0	27.1	40.7#



#37
 Ethyl Acetate
 Concen: 0.620 ug/l
 RT: 4.87 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: VX005101.D
 Acq: 06 Oct 2018 07:46

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.0	10.4	15.6#
70	9.8	8.7	13.1

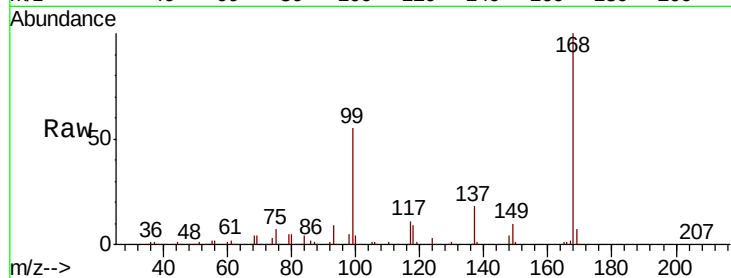




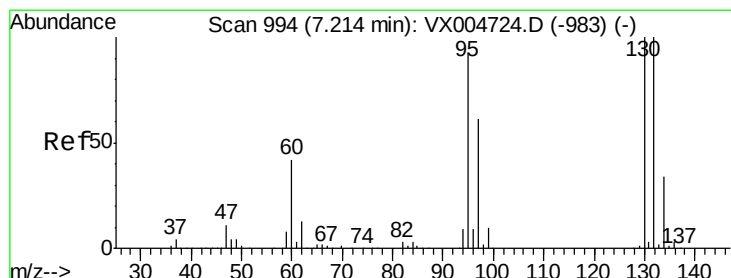
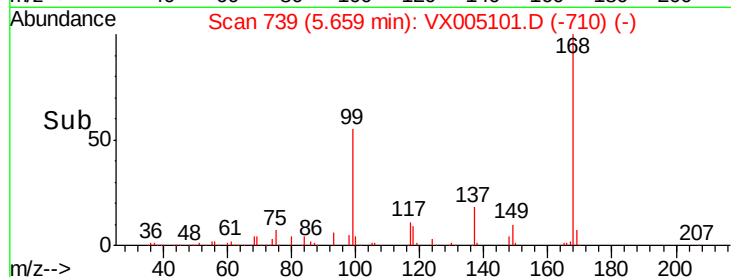
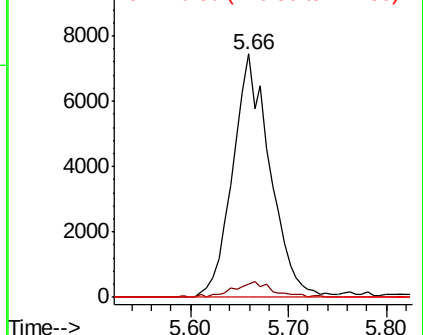
#38
Carbon Tetrachloride
Concen: 4.994 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005101.D
Acq: 06 Oct 2018 07:46

Instrument :
MSVOA_X
ClientSampleId :
FA18-QBC5

Tot Ion:117 Resp: 19738
Ion Ratio Lower Upper
117 100
119 5.6 75.2 112.8#
121 0.0 22.5 33.7#

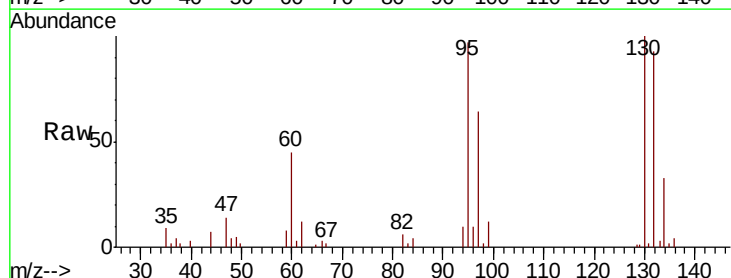


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

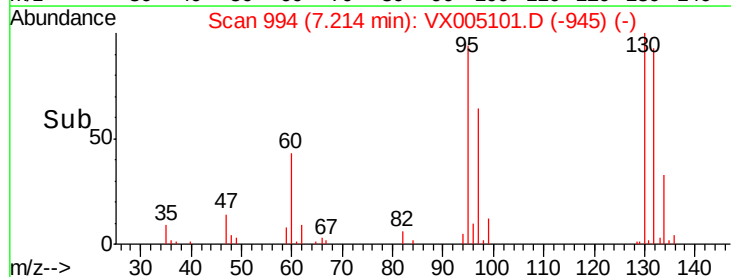
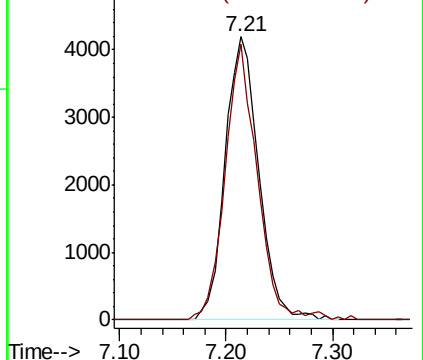


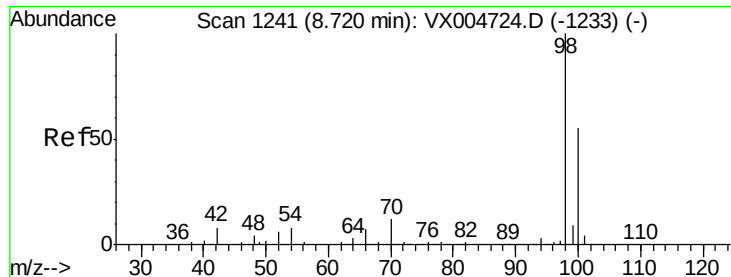
#44
Trichloroethene
Concen: 3.212 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005101.D
Acq: 06 Oct 2018 07:46

Tgt Ion:130 Resp: 9295
Ion Ratio Lower Upper
130 100
95 97.4 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.399 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX005101.D

Acq: 06 Oct 2018 07:46

Instrument :

MSVOA_X

ClientSampleId :

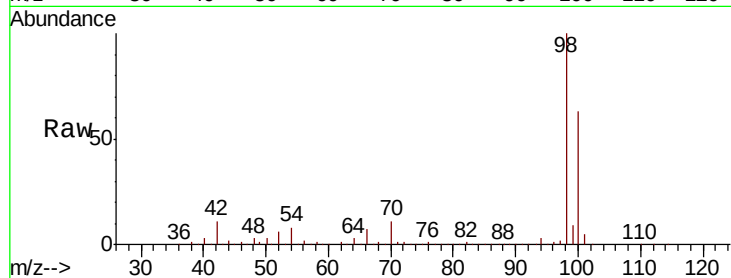
FA18-QBC5

Tot Ion: 98 Resp: 470942

Ion Ratio Lower Upper

98 100

100 63.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

300000

250000

200000

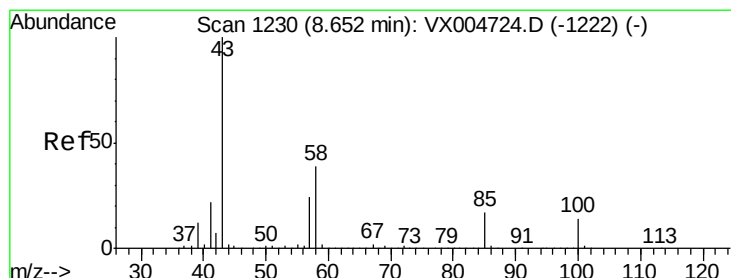
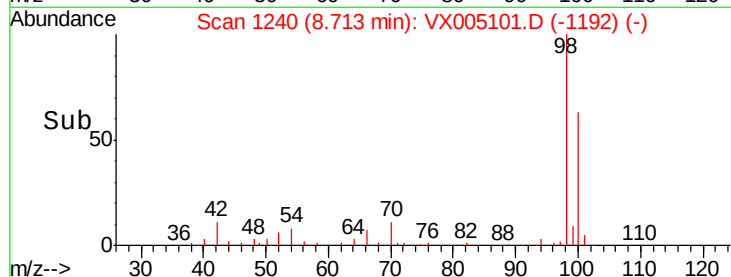
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.459 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.06 min

Lab File: VX005101.D

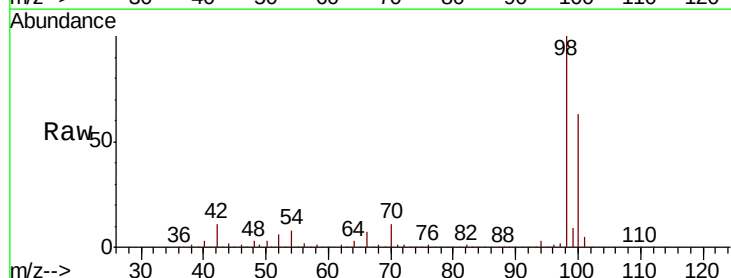
Acq: 06 Oct 2018 07:46

Tgt Ion: 43 Resp: 2084

Ion Ratio Lower Upper

43 100

58 195.0 30.5 45.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

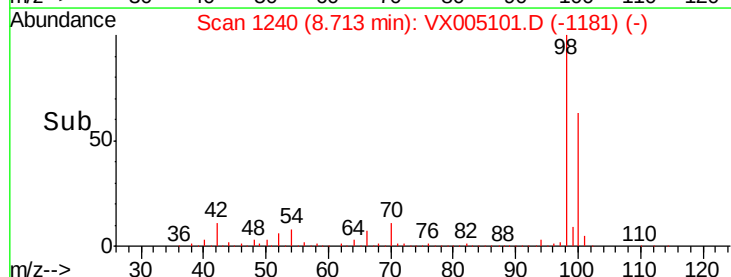
1500

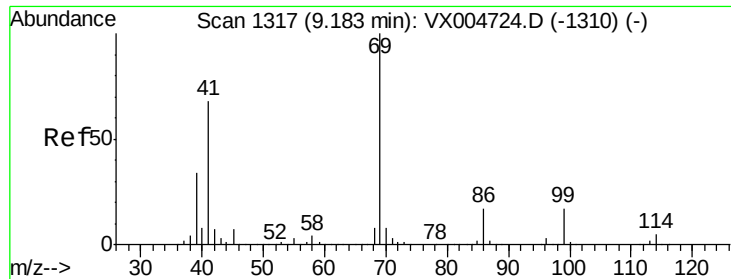
1000

500

0

Time-->





#56

Ethyl methacrylate

Concen: 2.867 ug/l

RT: 9.02 min Scan# 1290

Delta R.T. -0.16 min

Lab File: VX005101.D

Acq: 06 Oct 2018 07:46

Instrument :

MSVOA_X

ClientSampled :

FA18-QBC5

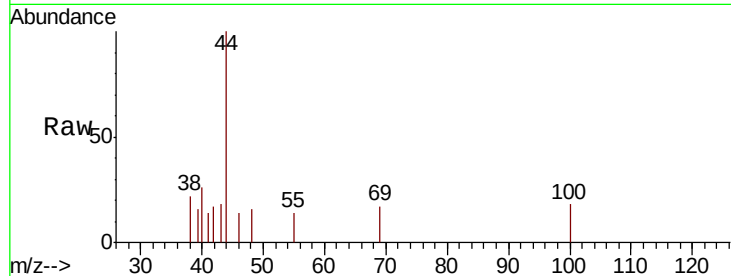
Tot Ion: 69 Resp: 24

Ion Ratio Lower Upper

69 100

41 487.5 56.9 85.3#

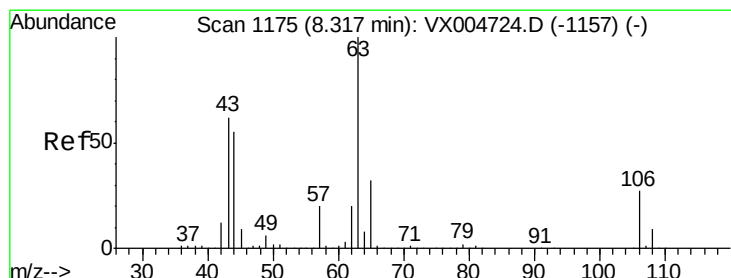
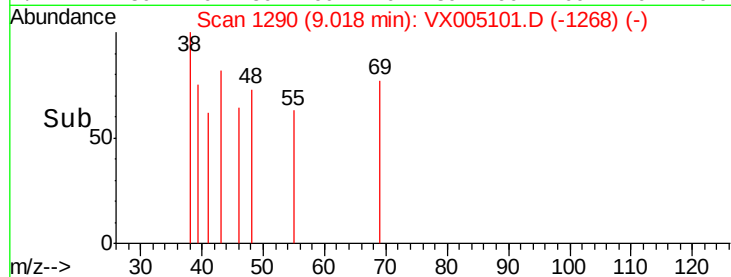
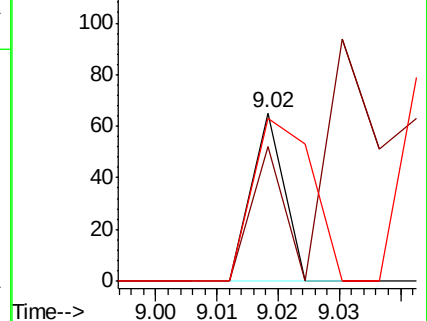
39 175.0 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.251 ug/l

RT: 8.54 min Scan# 1211

Delta R.T. 0.22 min

Lab File: VX005101.D

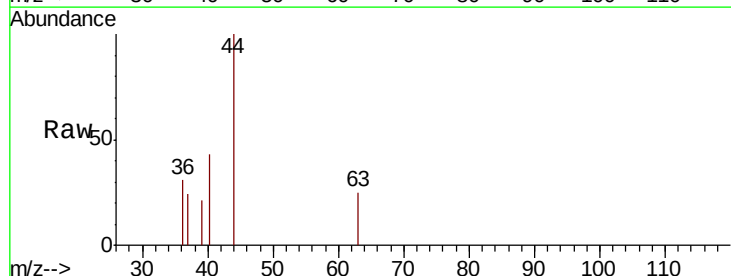
Acq: 06 Oct 2018 07:46

Tgt Ion: 63 Resp: 23

Ion Ratio Lower Upper

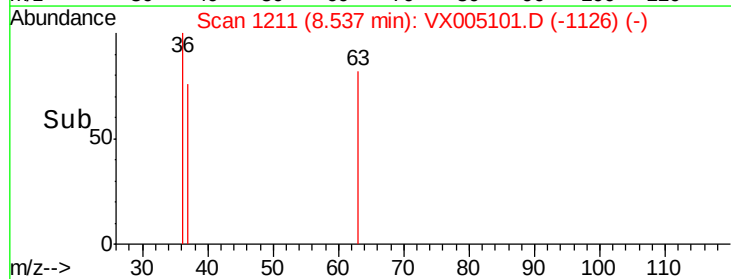
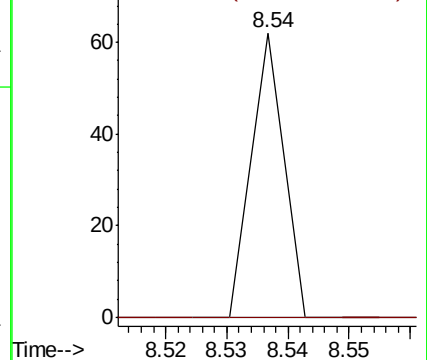
63 100

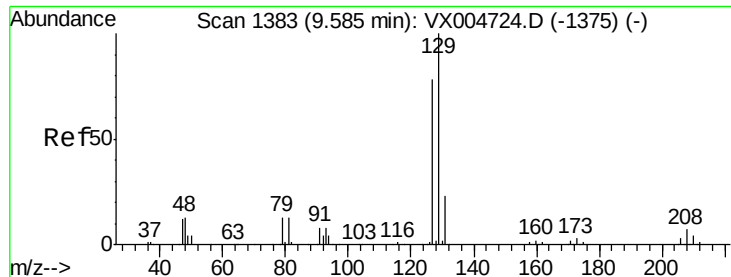
106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

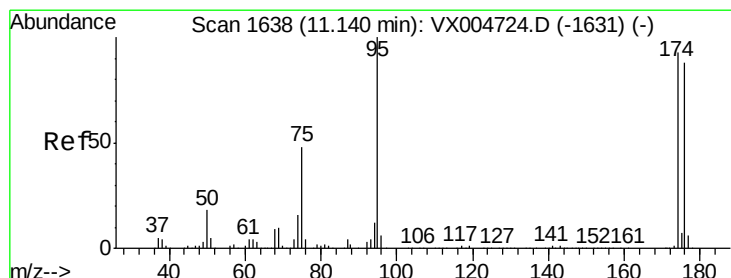
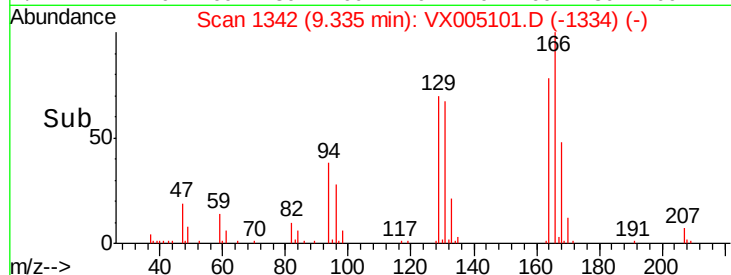
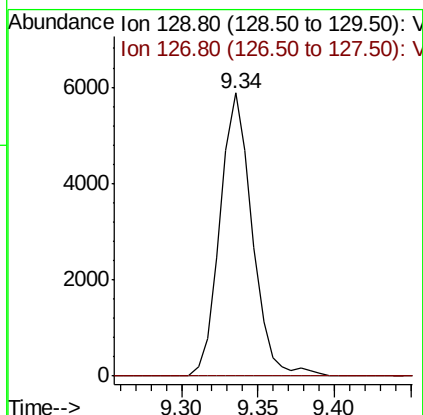
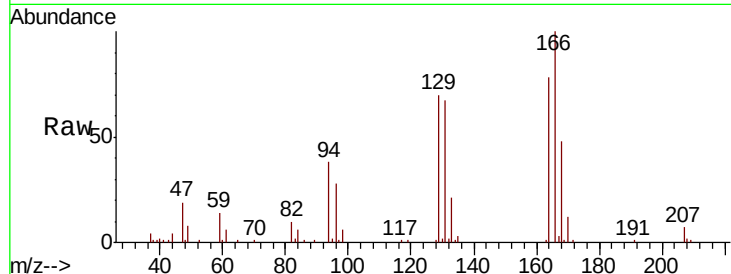




#60
Dibromochloromethane
Concen: 3.033 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005101.D
Acq: 06 Oct 2018 07:46

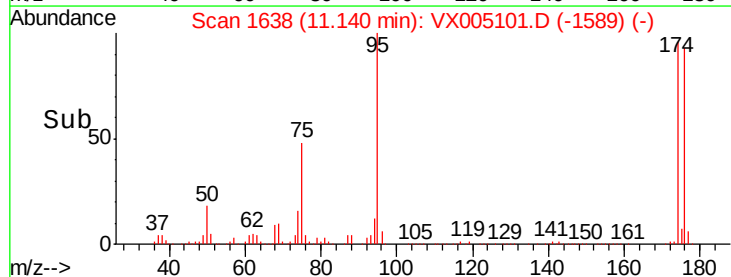
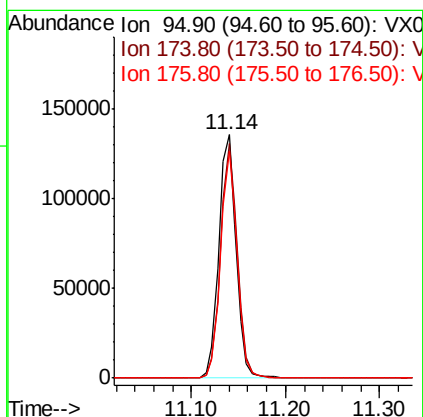
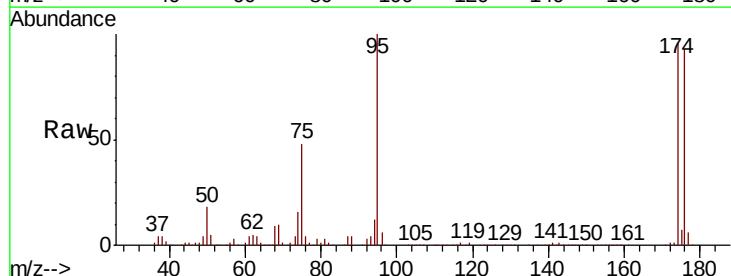
Instrument :
MSVOA_X
ClientSampleId :
FA18-QBC5

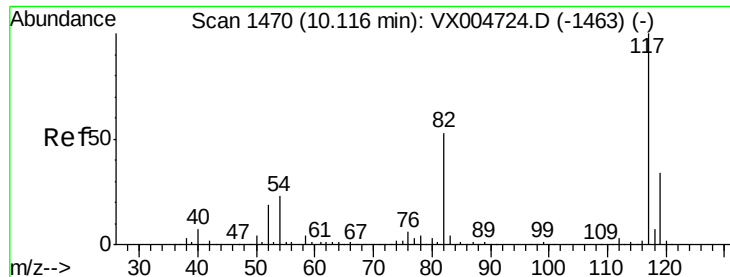
Tot Ion:129 Resp: 8596
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#



#62
4-Bromofluorobenzene
Concen: 52.218 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005101.D
Acq: 06 Oct 2018 07:46

Tgt Ion: 95 Resp: 172364
Ion Ratio Lower Upper
95 100
174 93.9 0.0 185.0
176 89.9 0.0 180.2

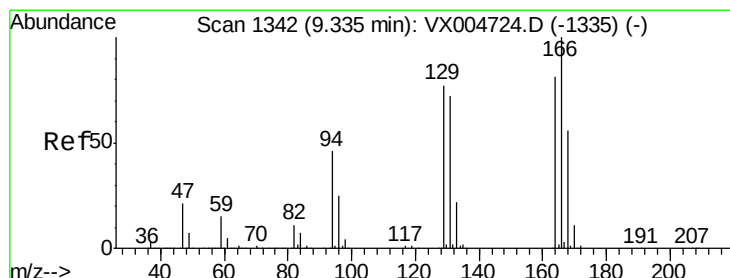
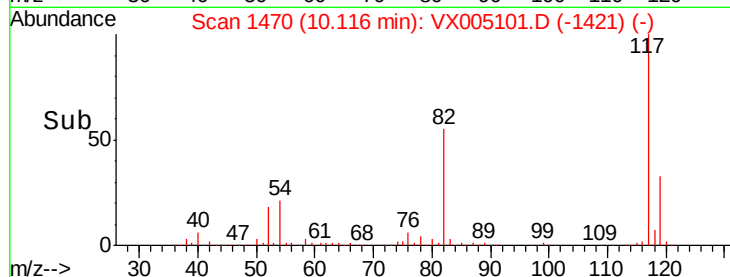
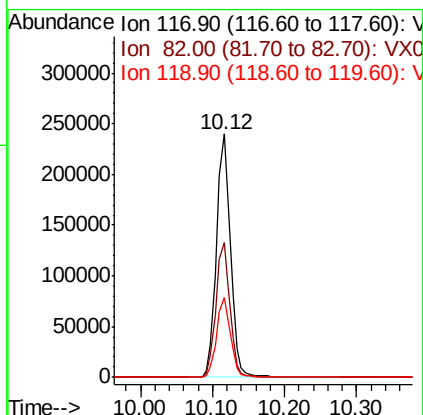
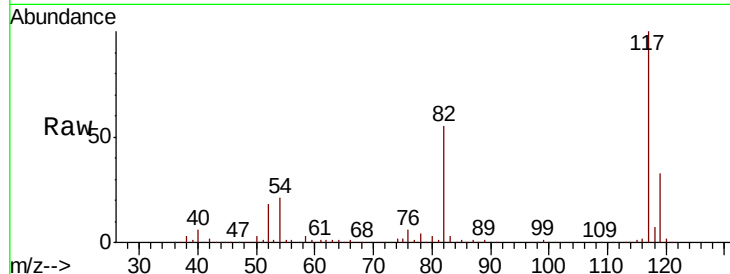




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005101.D
Acq: 06 Oct 2018 07:46

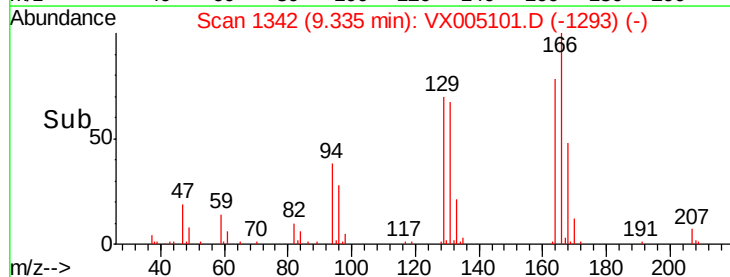
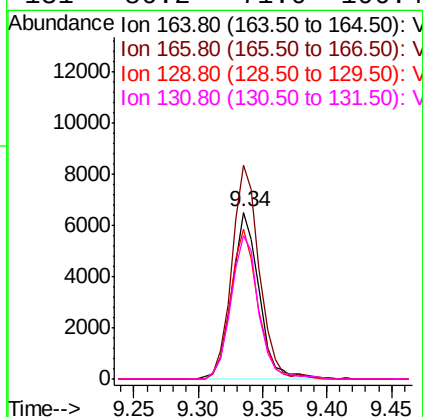
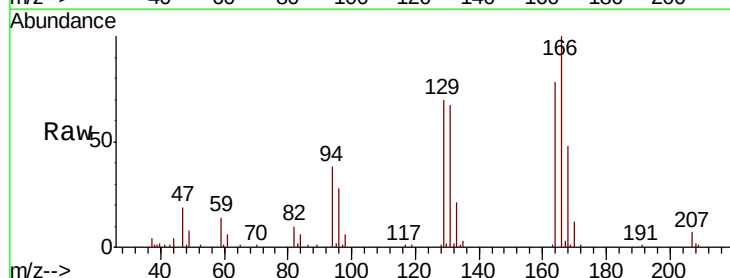
Instrument :
MSVOA_X
ClientSampleId :
FA18-QBC5

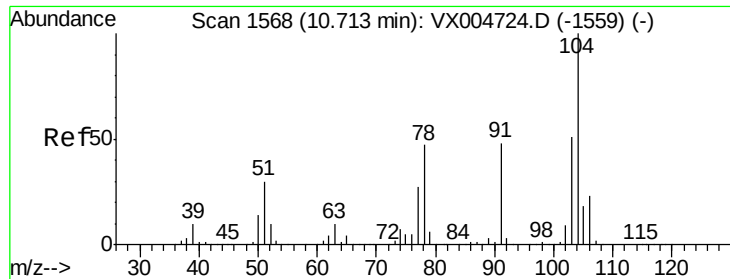
Tot Ion:117 Resp: 323505
Ion Ratio Lower Upper
117 100
82 55.4 42.2 63.4
119 32.8 27.4 41.0



#64
Tetrachloroethene
Concen: 3.013 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005101.D
Acq: 06 Oct 2018 07:46

Tgt Ion:164 Resp: 9593
Ion Ratio Lower Upper
164 100
166 128.1 98.4 147.6
129 90.2 76.1 114.1
131 86.2 71.0 106.4





#70

Stvrene

Concen: 2.150 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX005101.D

Acq: 06 Oct 2018 07:46

Instrument :

MSVOA_X

ClientSampled :

FA18-QBC5

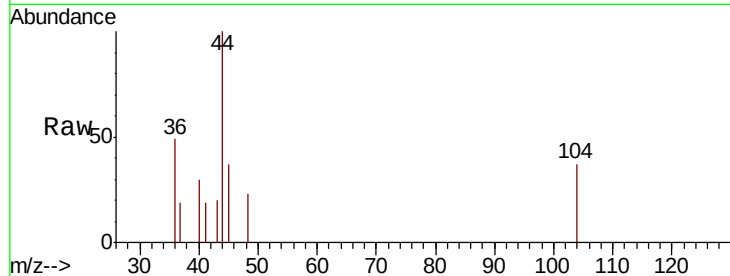
Tot Ion:104 Resp: 85

Ion Ratio Lower Upper

104 100

78 0.0 40.0 60.0#

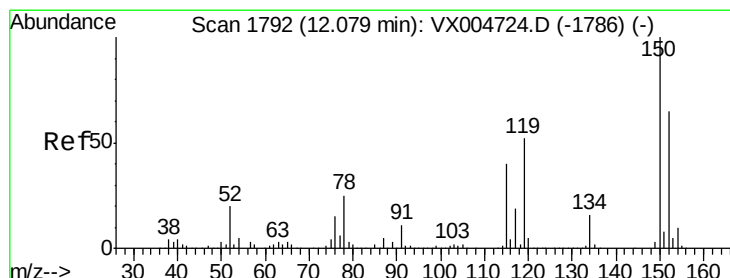
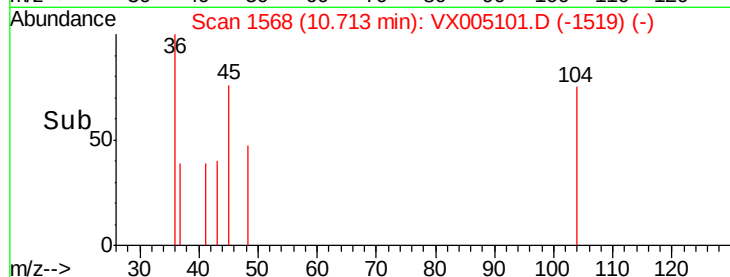
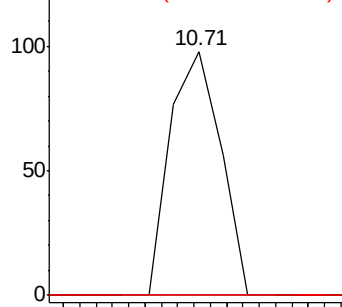
103 0.0 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005101.D

Acq: 06 Oct 2018 07:46

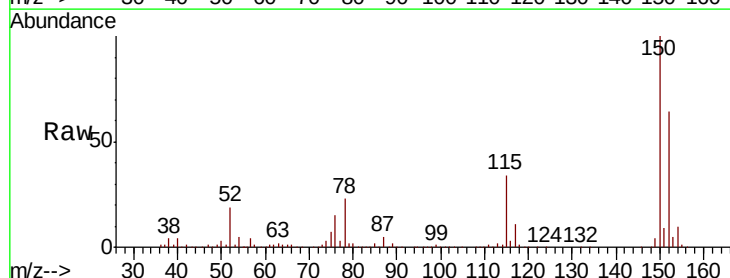
Tgt Ion:152 Resp: 186675

Ion Ratio Lower Upper

152 100

115 54.4 40.2 120.6

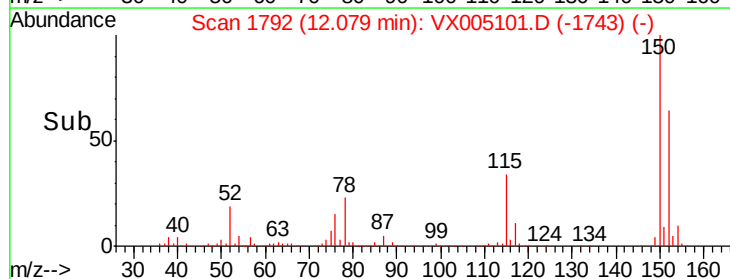
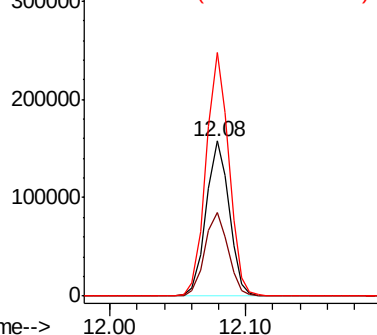
150 154.9 0.0 351.0

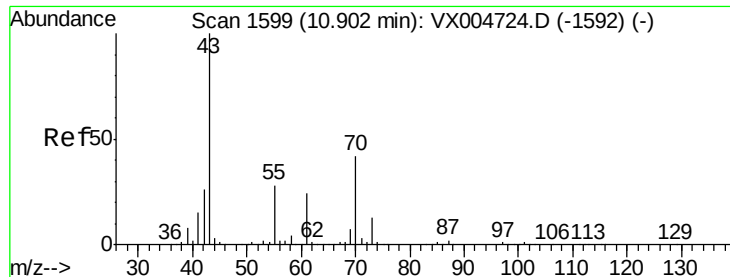


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.762 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005101.D

Acq: 06 Oct 2018 07:46

Instrument :

MSVOA_X

ClientSampleId :

FA18-QBC5

Tot Ion: 43 Resp: 97

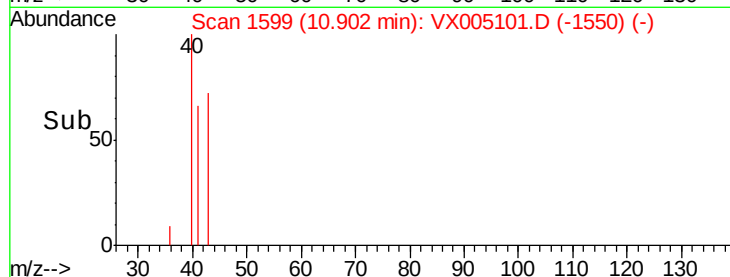
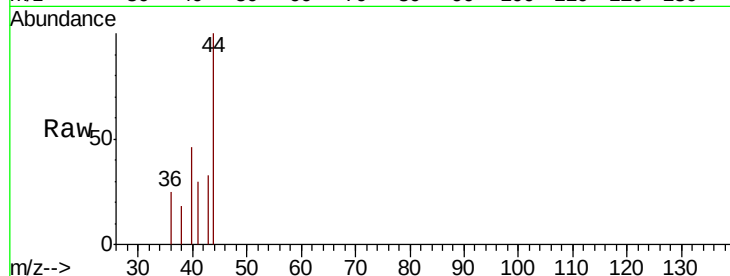
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 0.0 21.6 32.4#

61 0.0 19.1 28.7#

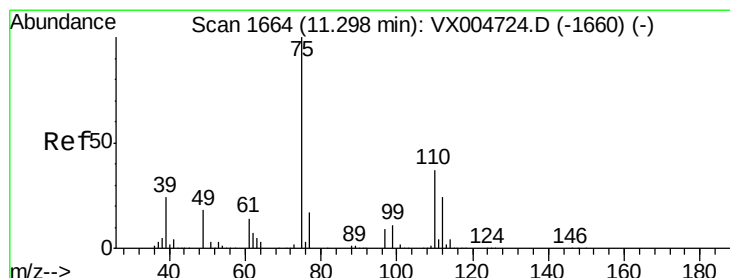
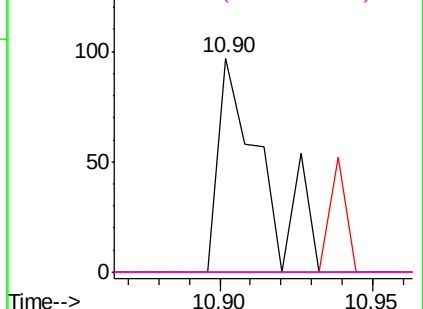


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.259 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005101.D

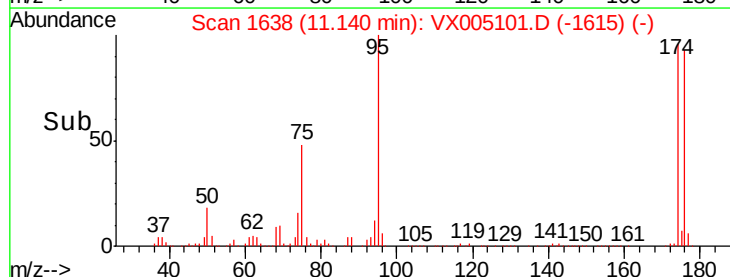
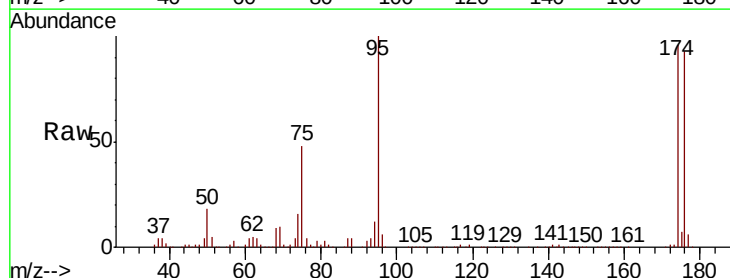
Acq: 06 Oct 2018 07:46

Tgt Ion: 75 Resp: 84763

Ion Ratio Lower Upper

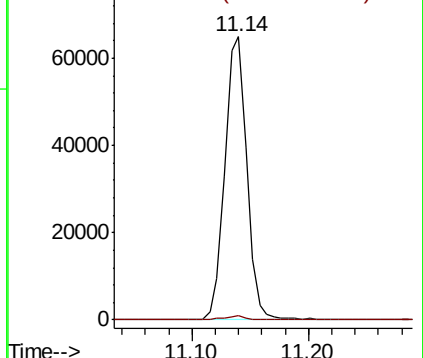
75 100

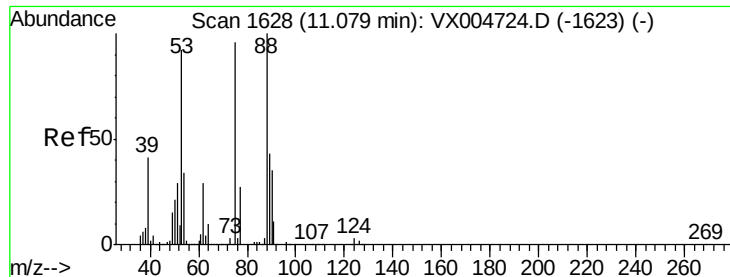
77 1.4 21.4 64.3#



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: 55.044 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005101.D

Acq: 06 Oct 2018 07:46

Instrument :

MSVOA_X

ClientSampleId :

FA18-QBC5

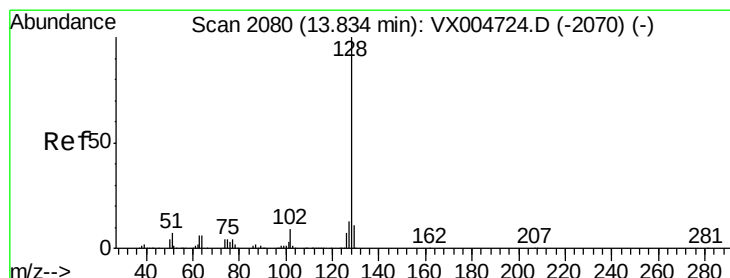
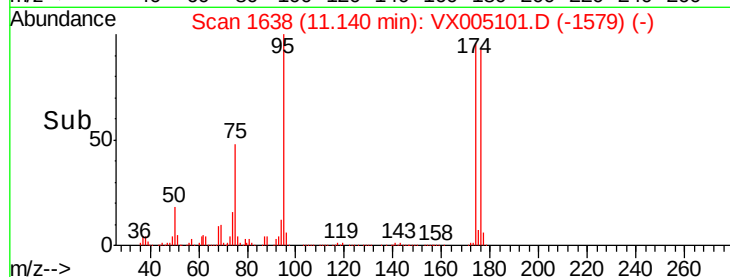
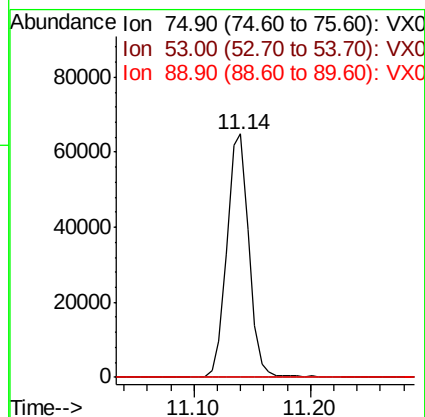
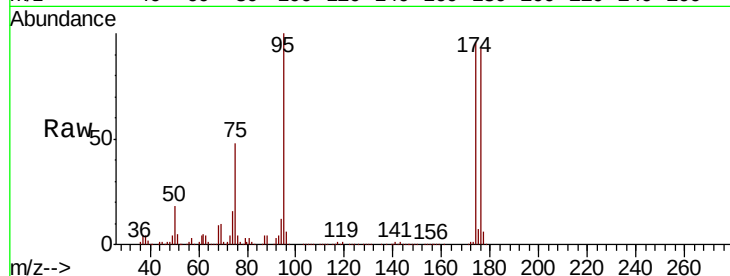
Tot Ion: 75 Resp: 84763

Ion Ratio Lower Upper

75 100

53 0.2 80.2 120.4#

89 0.0 37.1 55.7#



#95

Naphthalene

Concen: 0.750 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005101.D

Acq: 06 Oct 2018 07:46

Tgt Ion: 128 Resp: 484

Ion Ratio Lower Upper

128 100

127 14.0 10.4 15.6

129 0.0 8.7 13.1#

