

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008273.D
 Acq On : 21 Mar 2019 04:56
 Operator : JC/SP
 Sample : K1912-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T4-UV(POST-HYPO)

Quant Time: Mar 22 05:42:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	57980	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	6.84	114	26488	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.11	117	113611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	93526	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	2342	2.68	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	5.36%	
35) Dibromofluoromethane	5.46	113	1499	8.45	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	16.90%	
50) Toluene-d8	8.71	98	131007	194.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	389.74%	
62) 4-Bromofluorobenzene	11.13	95	80568	348.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	696.12%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	1859	2.645	ug/l #	1
10) Methyl Iodide	2.65	142	558	0.588	ug/l	94
11) Tert butyl alcohol	3.04	59	108	0.578	ug/l #	1
12) 1,1-Dichloroethene	2.34	96	195	0.277	ug/l #	10
13) Acrolein	2.27	56	198	Below Cal	#	1
15) Acrylonitrile	3.11	53	372	0.752	ug/l #	1
16) Acetone	2.44	43	238	0.481	ug/l	90
17) Carbon Disulfide	2.54	76	82	0.711	ug/l #	1
25) 2-Butanone	4.63	43	440	0.602	ug/l #	50
27) cis-1,2-Dichloroethene	4.63	96	193	0.223	ug/l	71
29) Tetrahydrofuran	5.07	42	248	0.543	ug/l #	61
36) 1,1-Dichloropropene	5.76	75	154	0.499	ug/l #	62
37) Ethyl Acetate	4.84	43	133	0.365	ug/l #	1
38) Carbon Tetrachloride	5.62	117	6397	23.281	ug/l #	23
39) Methylcyclohexane	7.45	83	110	0.296	ug/l #	1
41) Methacrylonitrile	5.06	41	289	1.413	ug/l #	31
42) 1,2-Dichloroethane	6.09	62	230	0.688	ug/l	76
43) Isopropyl Acetate	6.43	43	195	0.334	ug/l #	1
44) Trichloroethene	7.21	130	65	0.291	ug/l	78
45) 1,2-Dichloropropane	7.50	63	177	0.693	ug/l	91
46) Dibromomethane	7.82	93	75	0.485	ug/l	96
48) Methyl methacrylate	7.74	41	179	0.576	ug/l #	85
49) 1,4-Dioxane	7.71	88	26	4.742	ug/l #	1
51) 4-Methyl-2-Pentanone	8.42	43	298	0.789	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	127	1.756	ug/l #	66
54) cis-1,3-Dichloropropene	8.39	75	128	0.350	ug/l #	60
55) 1,1,2-Trichloroethane	9.19	97	210	0.960	ug/l #	66
56) Ethyl methacrylate	9.12	69	213	1.075	ug/l #	1
57) 1,3-Dichloropropane	9.34	76	119	0.307	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.38	63	136	0.759	ug/l	95
59) 2-Hexanone	9.43	43	177	0.609	ug/l	76
71) Bromoform	10.71	173	38	2.246	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	42899	16.308	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	42899	41.816	ug/l #	12

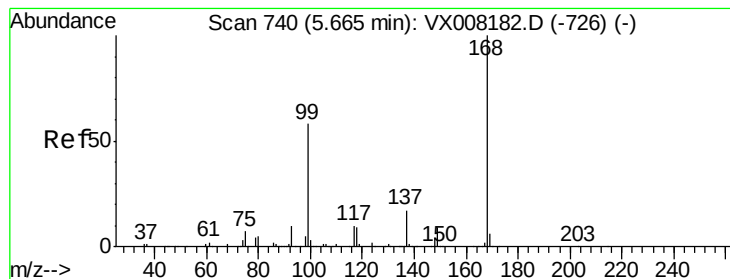
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
Data File : VX008273.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.01	75	181	0.273	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 733

Delta R.T. -0.04 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

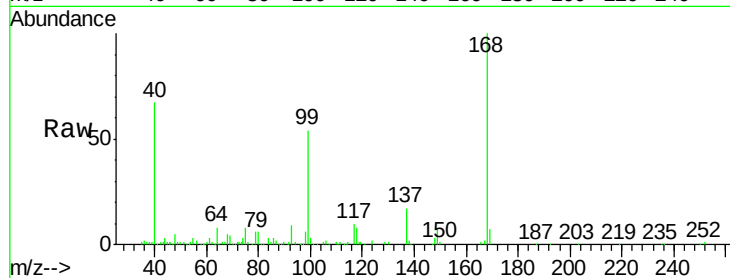
M3-T4-UV(POST-HYPO)

Tot Ion:168 Resp: 57980

Ion Ratio Lower Upper

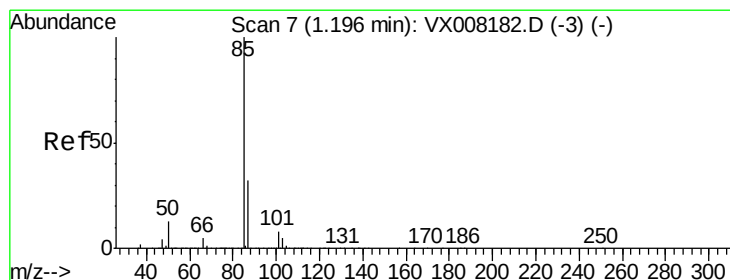
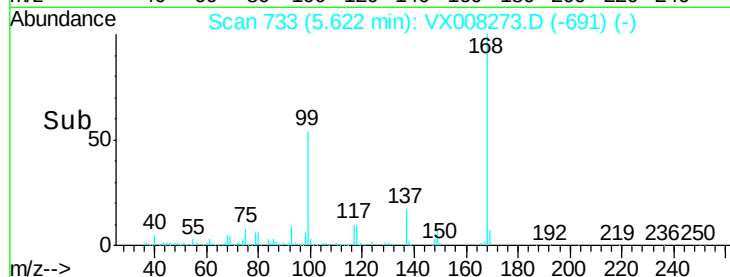
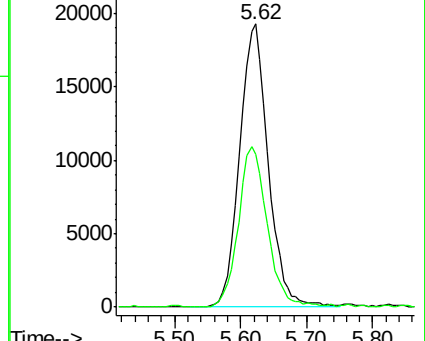
168 100

99 53.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 2.645 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008273.D

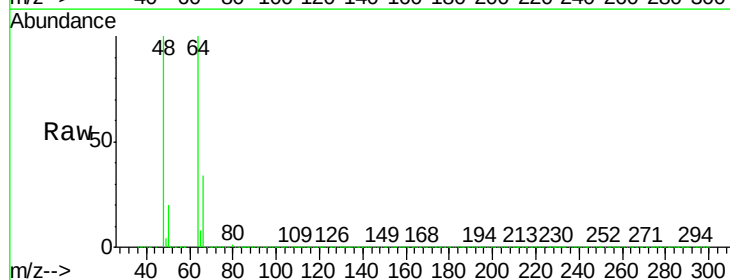
Acq: 21 Mar 2019 04:56

Tgt Ion: 85 Resp: 1859

Ion Ratio Lower Upper

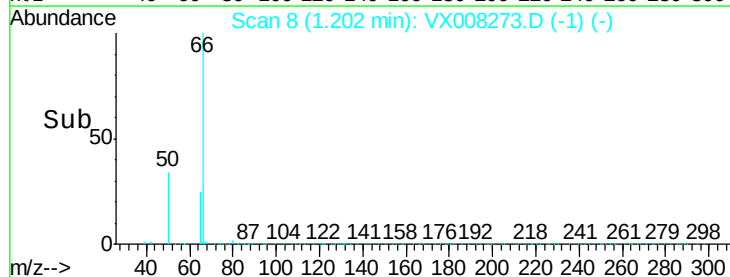
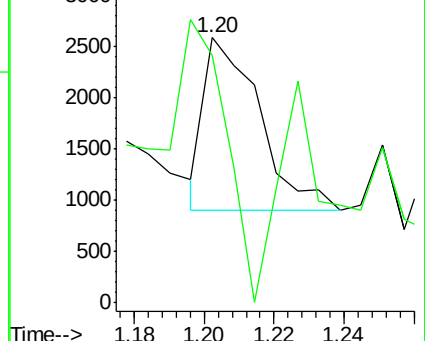
85 100

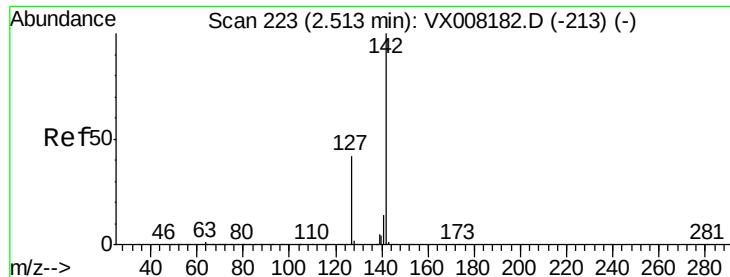
87 163.6 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

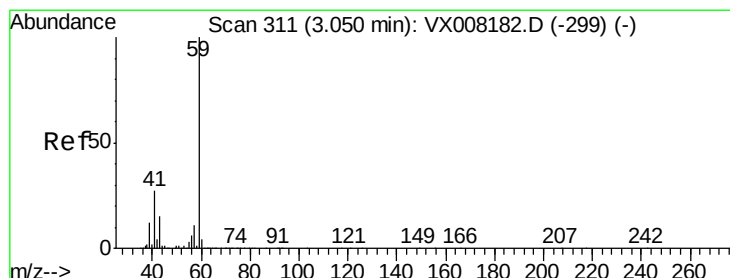
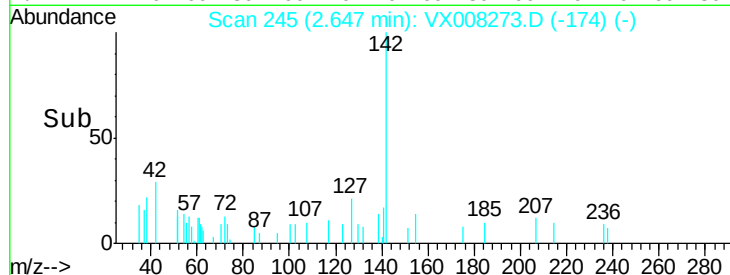
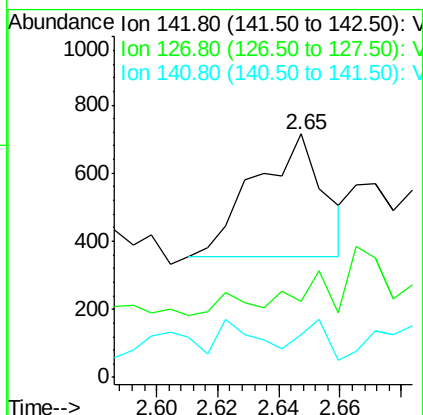
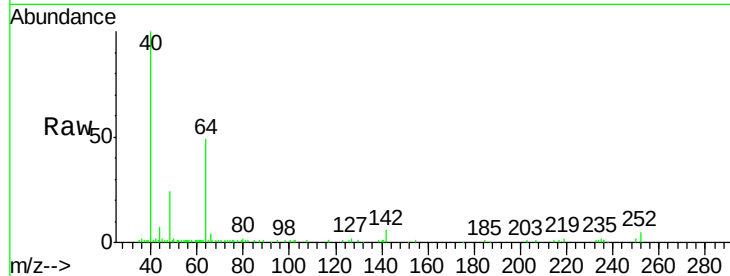




#10
Methvl Iodide
Concen: 0.588 ug/l
RT: 2.65 min Scan# 245
Delta R.T. 0.13 min
Lab File: VX008273.D
Acq: 21 Mar 2019 04:56

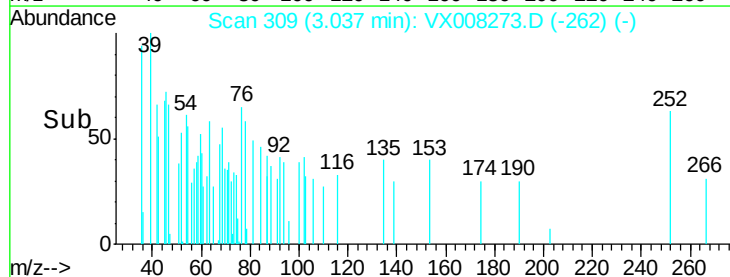
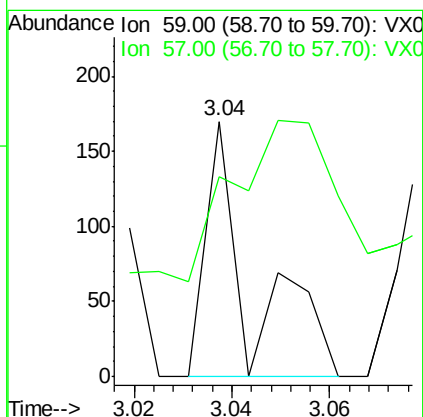
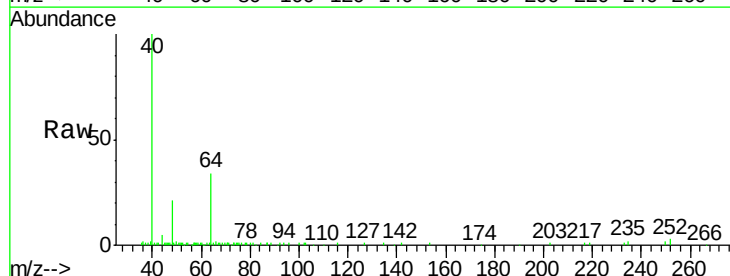
Instrument :
MSVOA_X
ClientSampleId :
M3-T4-UV(POST-HYPO)

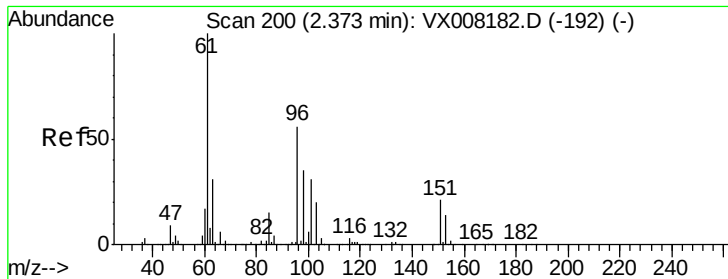
Tot Ion:142 Resp: 558
Ion Ratio Lower Upper
142 100
127 44.4 32.1 48.1
141 12.5 11.4 17.2



#11
Tert butyl alcohol
Concen: 0.578 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX008273.D
Acq: 21 Mar 2019 04:56

Tgt Ion: 59 Resp: 108
Ion Ratio Lower Upper
59 100
57 198.1 8.2 12.2#





#12

1,1-Dichloroethene

Concen: 0.277 ug/l

RT: 2.34 min Scan# 194

Delta R.T. -0.04 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-UV(POST-HYPO)

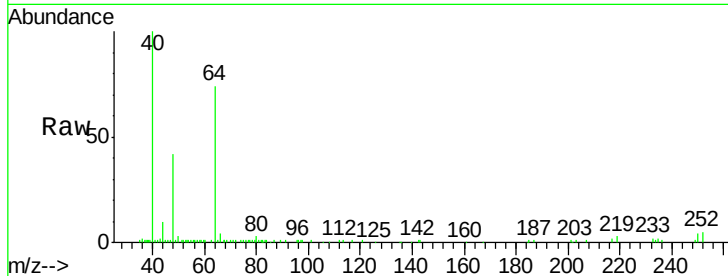
Tot Ion: 96 Resp: 195

Ion Ratio Lower Upper

96 100

61 0.0 129.8 194.6#

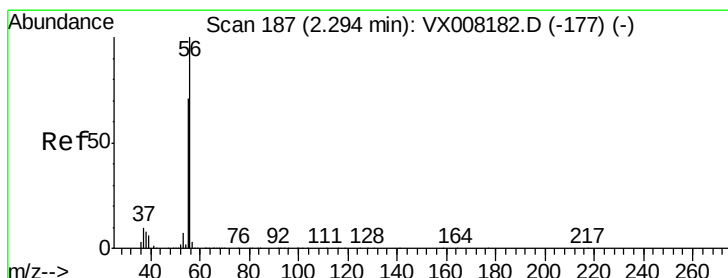
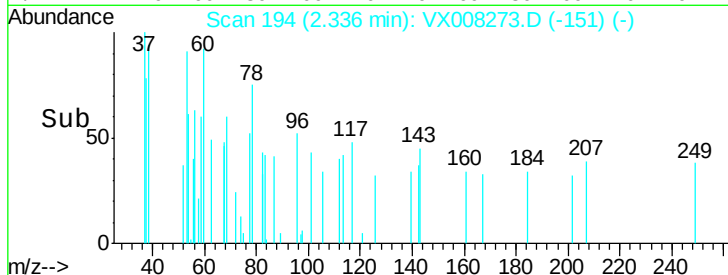
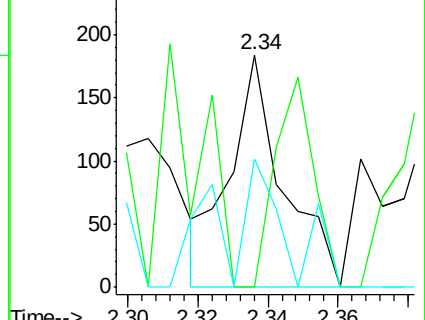
98 55.4 51.0 76.6



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



#13

Acrolein

Concen: Below Cal

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX008273.D

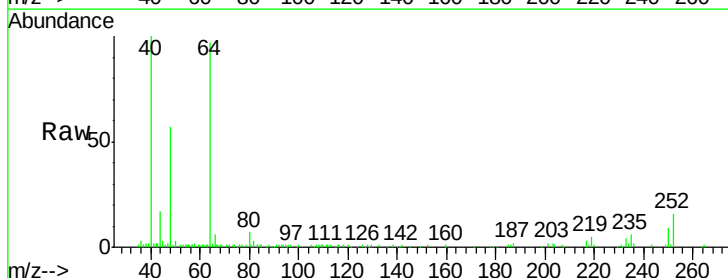
Acq: 21 Mar 2019 04:56

Tgt Ion: 56 Resp: 198

Ion Ratio Lower Upper

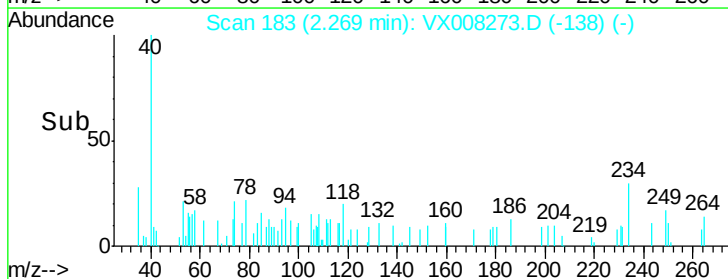
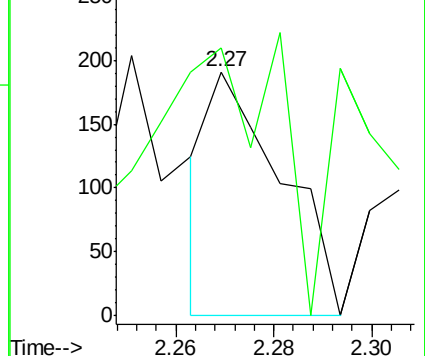
56 100

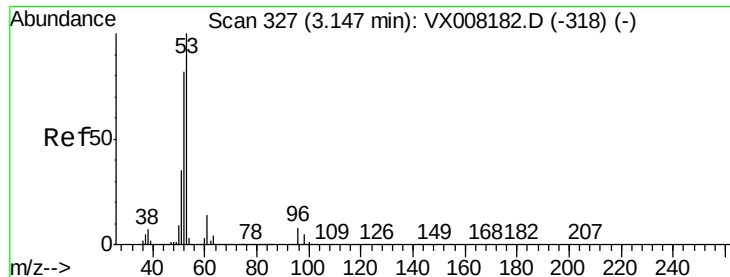
55 188.4 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.752 ug/l

RT: 3.11 min Scan# 321

Delta R.T. -0.04 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-UV(POST-HYPO)

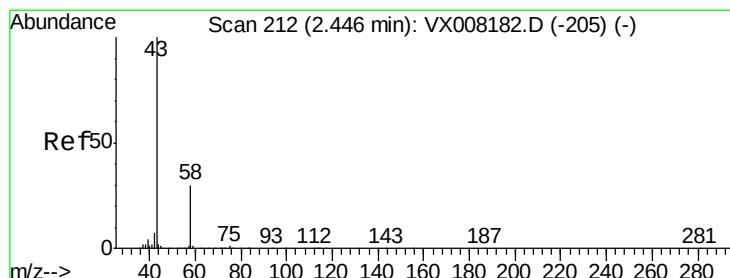
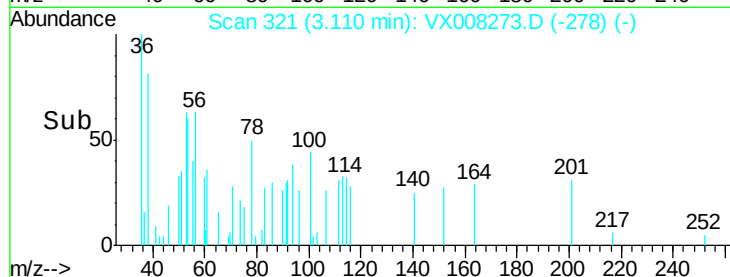
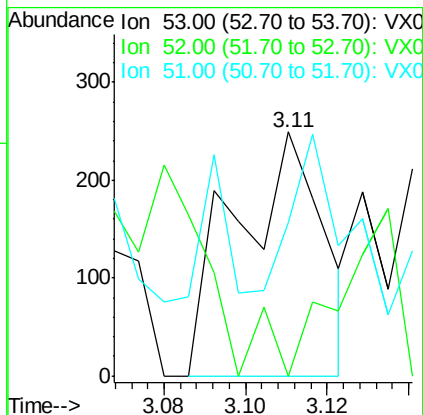
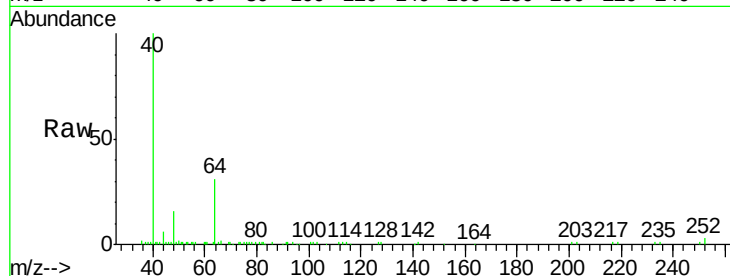
Tot Ion: 53 Resp: 372

Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

51 123.1 28.0 42.0#



#16

Acetone

Concen: 0.481 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008273.D

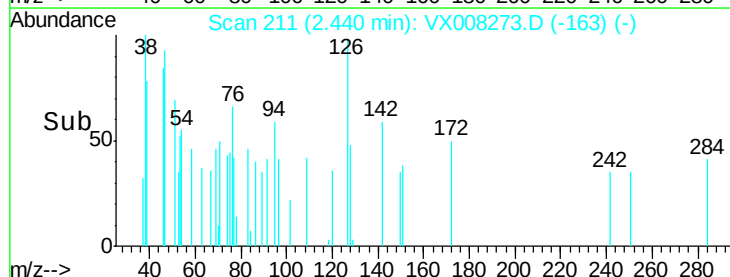
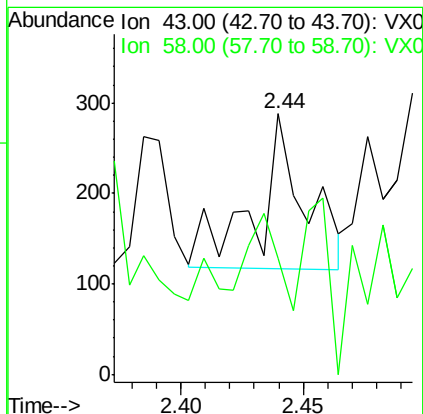
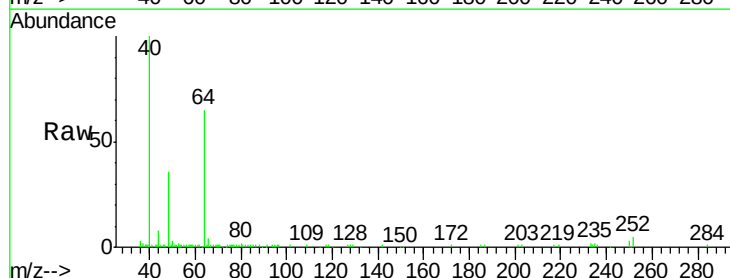
Acq: 21 Mar 2019 04:56

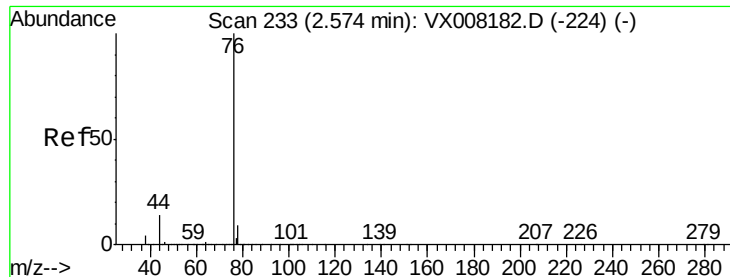
Tgt Ion: 43 Resp: 238

Ion Ratio Lower Upper

43 100

58 37.7 25.5 38.3





#17

Carbon Disulfide

Concen: 0.711 ug/l

RT: 2.54 min Scan# 228

Delta R.T. -0.03 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

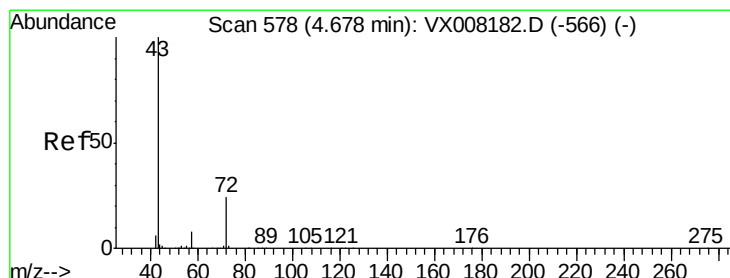
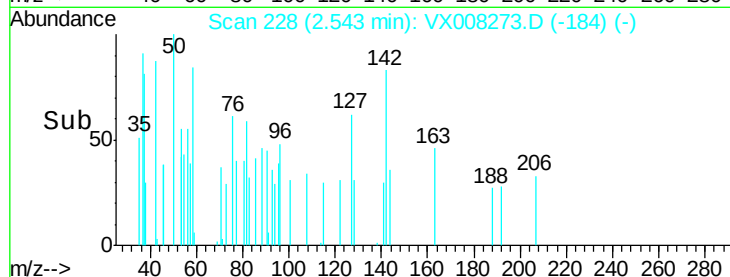
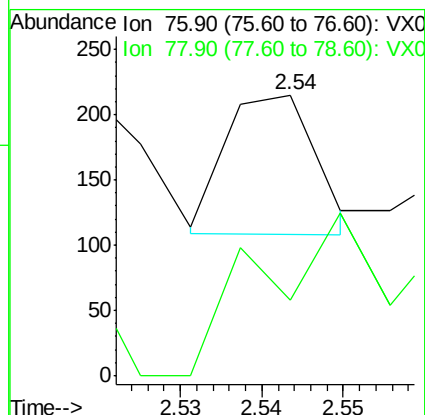
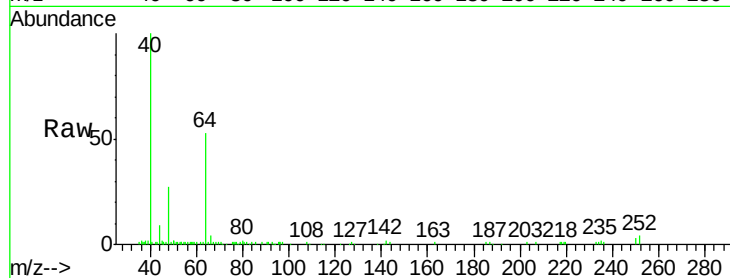
M3-T4-UV(POST-HYPO)

Tot Ion: 76 Resp: 82

Ion Ratio Lower Upper

76 100

78 57.4 7.2 10.8#



#25

2-Butanone

Concen: 0.602 ug/l

RT: 4.63 min Scan# 571

Delta R.T. -0.04 min

Lab File: VX008273.D

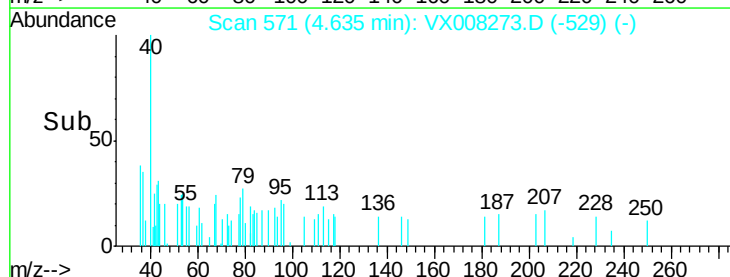
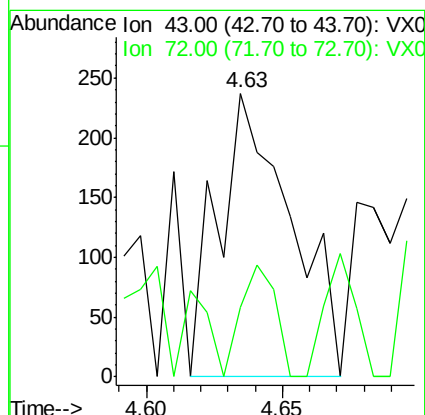
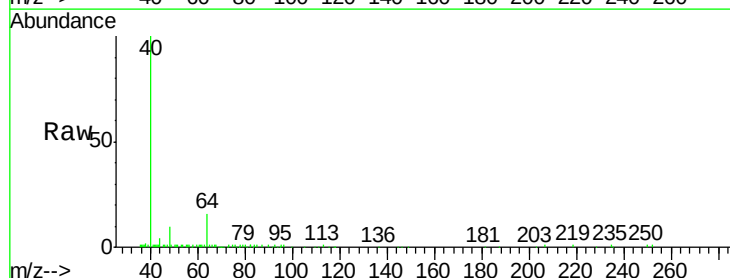
Acq: 21 Mar 2019 04:56

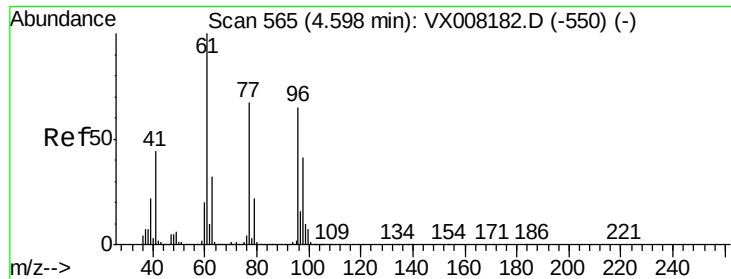
Tgt Ion: 43 Resp: 440

Ion Ratio Lower Upper

43 100

72 0.0 19.9 29.9#



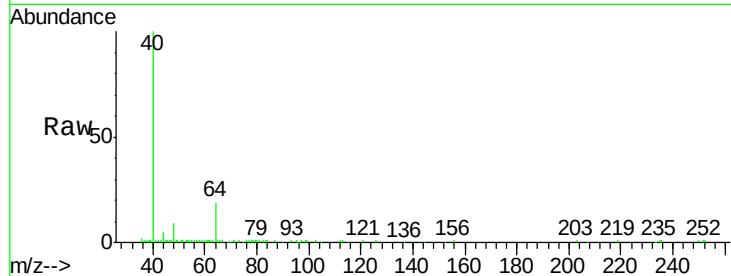


#27

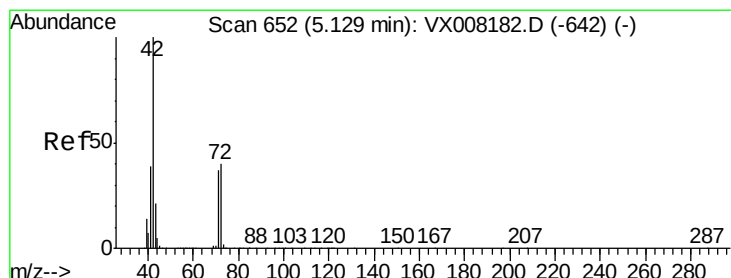
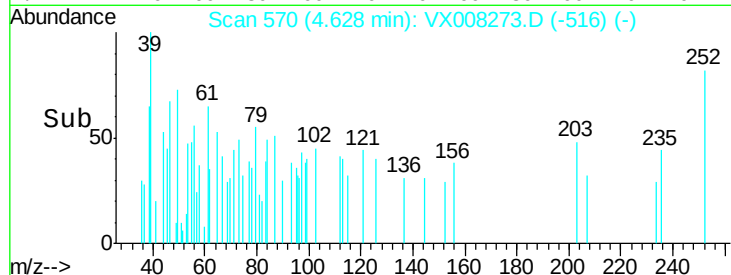
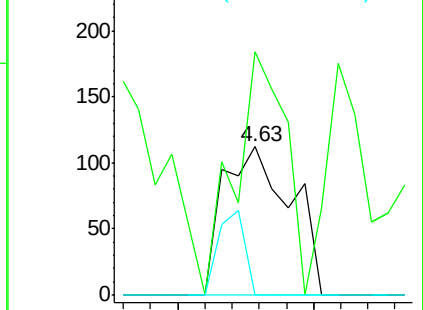
cis-1,2-Dichloroethene
 Concen: 0.223 ug/l
 RT: 4.63 min Scan# 570
 Delta R.T. 0.03 min
 Lab File: VX008273.D
 Acq: 21 Mar 2019 04:56

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T4-UV(POST-HYPO)

Tot Ion	Ratio	Lower	Upper
96	100		
61	121.8	0.0	288.0
98	22.3	0.0	129.0



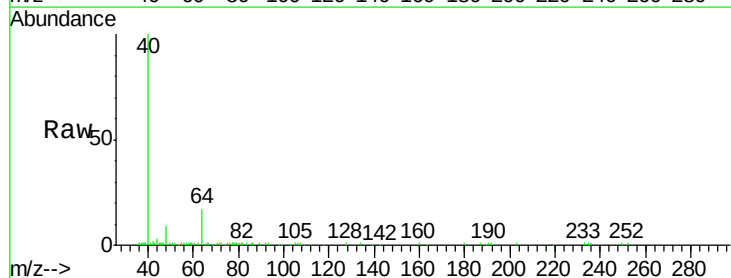
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



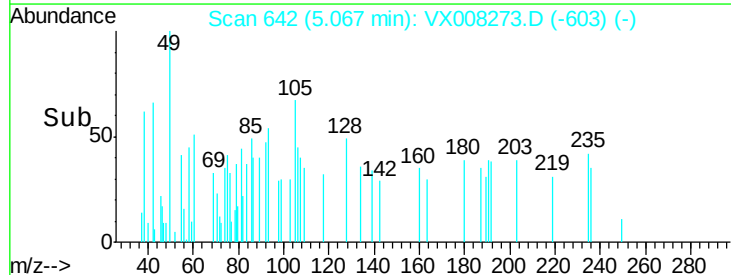
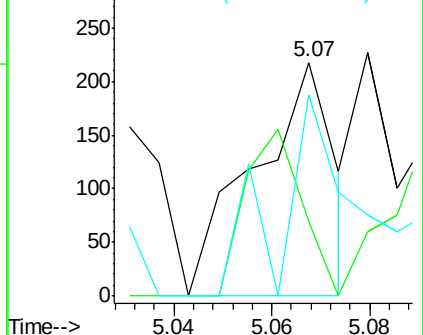
#29

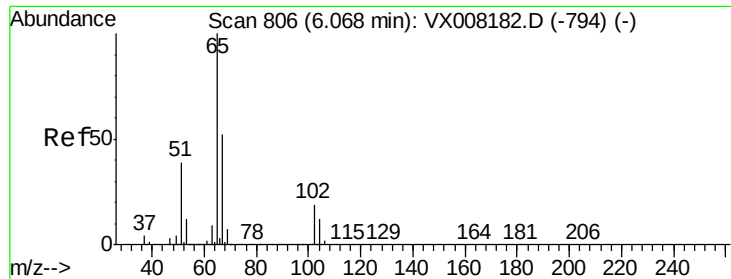
Tetrahydrofuran
 Concen: 0.543 ug/l
 RT: 5.07 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: VX008273.D
 Acq: 21 Mar 2019 04:56

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.4	33.8	50.6
71	80.2	31.5	47.3#



Abundance Ion 42.00 (41.70 to 42.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0
 Ion 71.00 (70.70 to 71.70): VX0

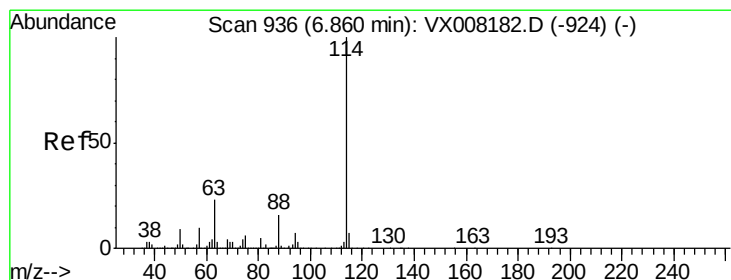
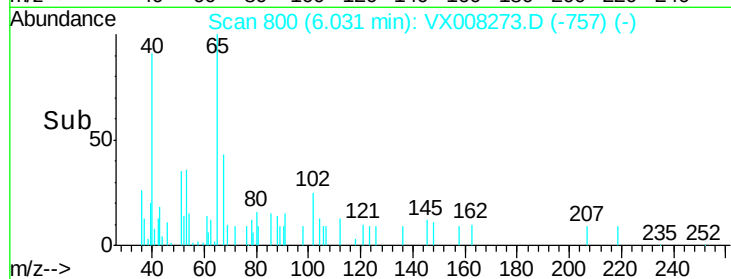
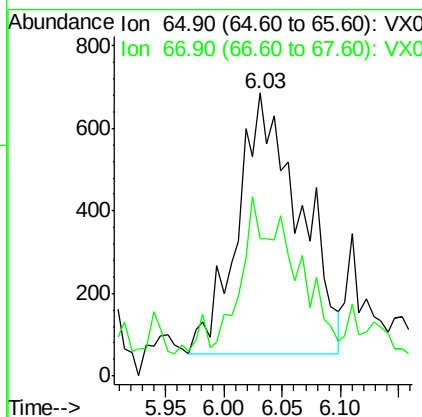
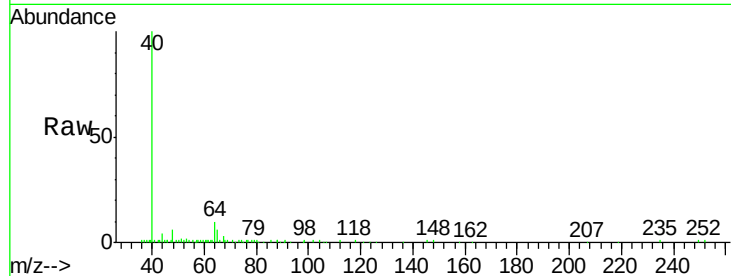




#33
 1,2-Dichloroethane-d4
 Concen: 2.682 ug/l
 RT: 6.03 min Scan# 800
 Delta R.T. -0.04 min
 Lab File: VX008273.D
 Acq: 21 Mar 2019 04:56

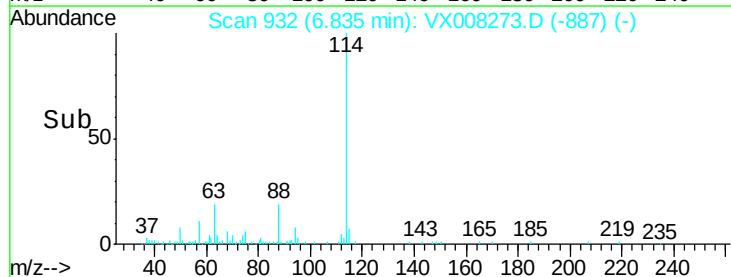
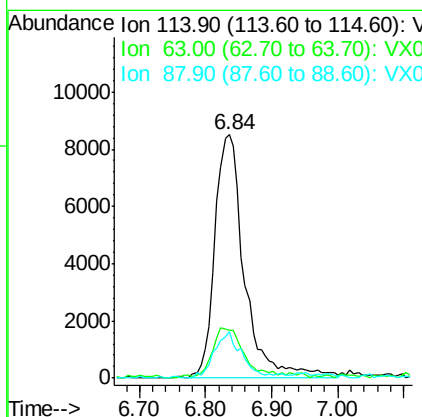
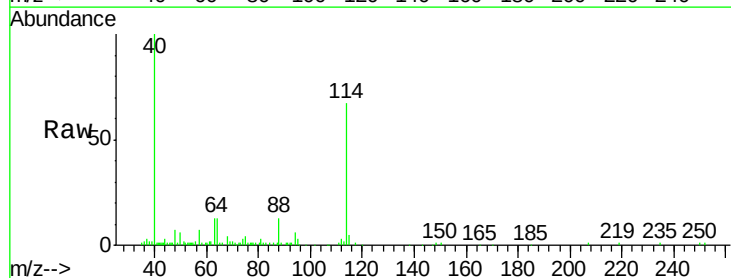
Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T4-UV(POST-HYPO)

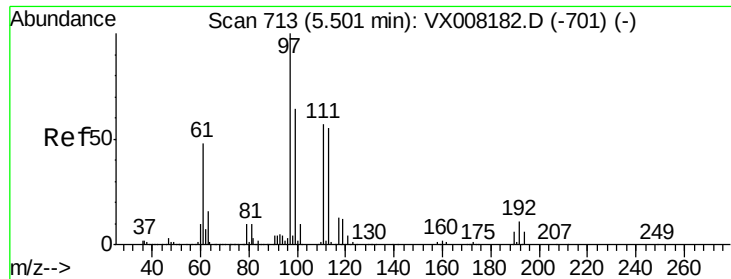
Tot Ion: 65 Resp: 2342
 Ion Ratio Lower Upper
 65 100
 67 26.0 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: VX008273.D
 Acq: 21 Mar 2019 04:56

Tgt Ion: 114 Resp: 26488
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.8
 88 19.0 0.0 31.4

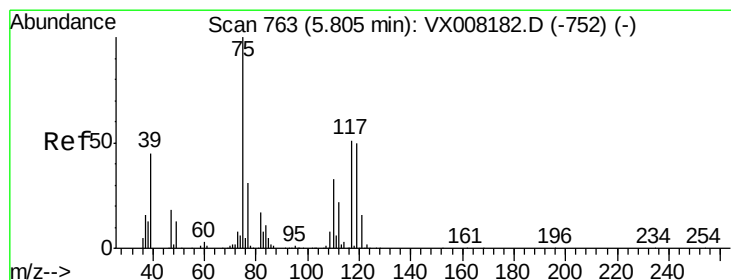
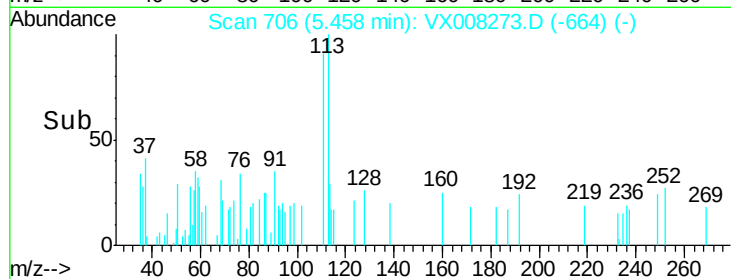
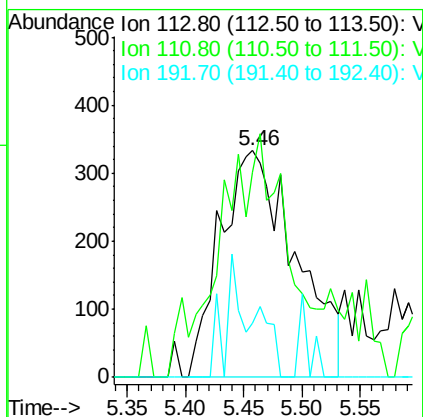
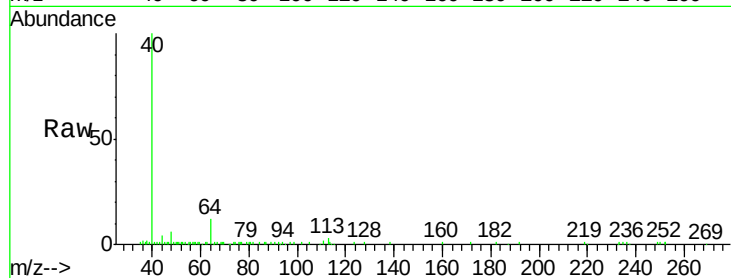




#35
 Dibromofluoromethane
 Concen: 8.454 ug/l
 RT: 5.46 min Scan# 706
 Delta R.T. -0.04 min
 Lab File: VX008273.D
 Acq: 21 Mar 2019 04:56

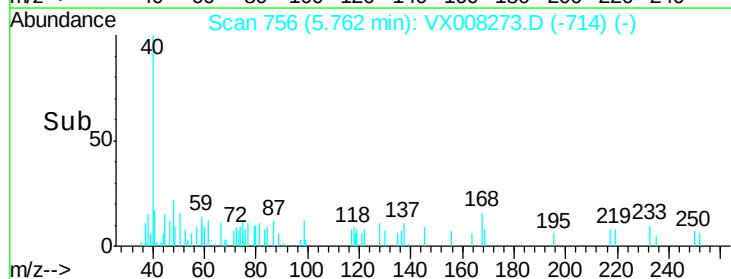
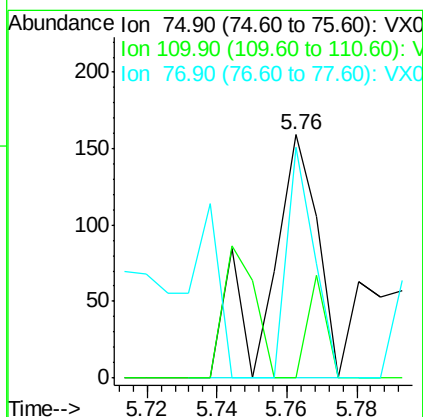
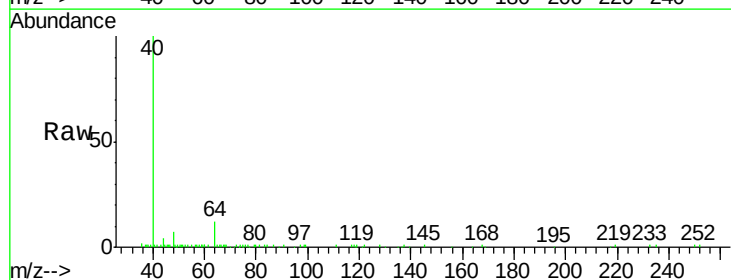
Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T4-UV(POST-HYPO)

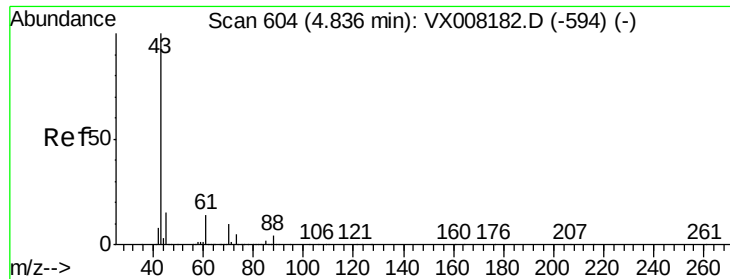
Tot Ion:113 Resp: 1499
 Ion Ratio Lower Upper
 113 100
 111 26.8 81.4 122.0#
 192 11.5 19.4 29.0#



#36
 1,1-Dichloropropene
 Concen: 0.499 ug/l
 RT: 5.76 min Scan# 756
 Delta R.T. -0.04 min
 Lab File: VX008273.D
 Acq: 21 Mar 2019 04:56

Tgt Ion: 75 Resp: 154
 Ion Ratio Lower Upper
 75 100
 110 15.6 18.4 55.0#
 77 53.9 25.0 37.4#

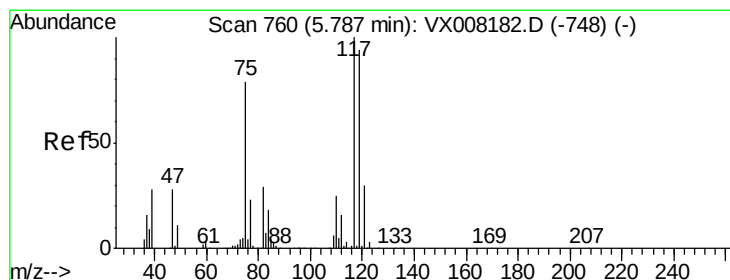
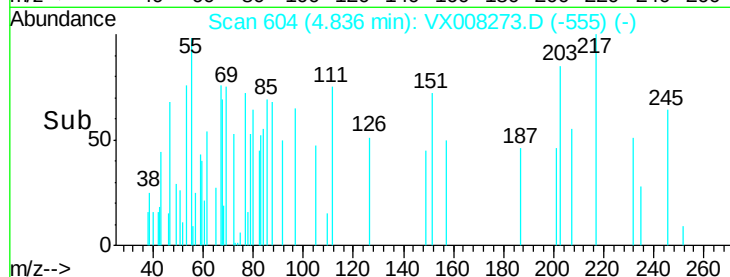
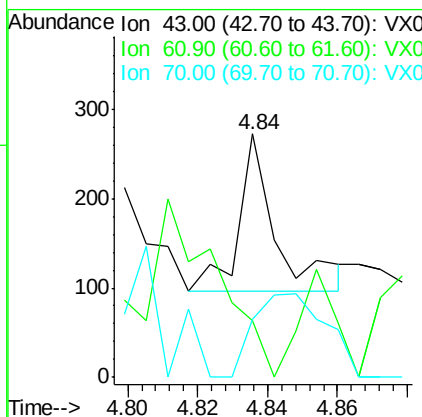
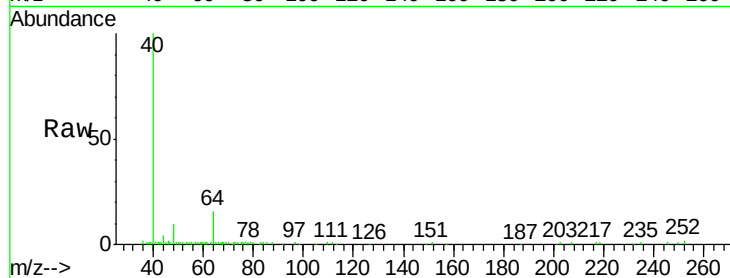




#37
Ethyl Acetate
Concen: 0.365 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008273.D
Acq: 21 Mar 2019 04:56

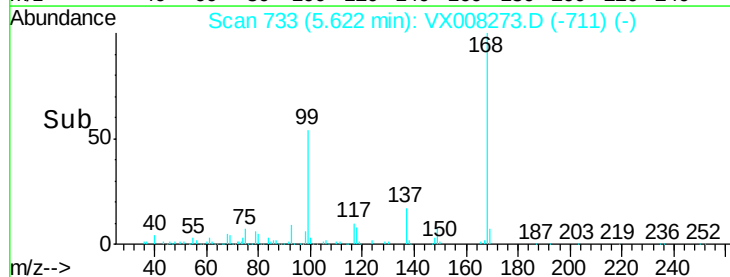
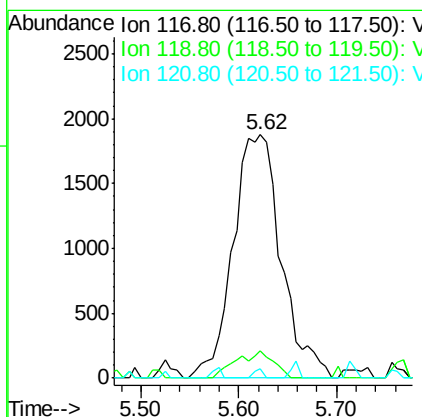
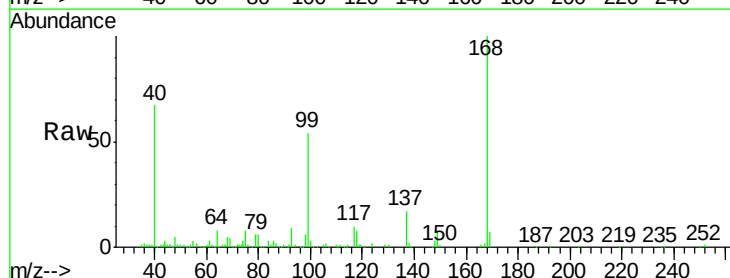
Instrument :
MSVOA_X
ClientSampleId :
M3-T4-UV(POST-HYPO)

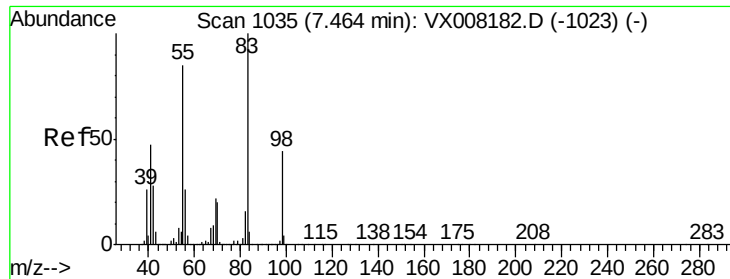
Tot Ion: 43 Resp: 133
Ion Ratio Lower Upper
43 100
61 63.9 11.3 16.9#
70 101.5 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 23.281 ug/l
RT: 5.62 min Scan# 733
Delta R.T. -0.16 min
Lab File: VX008273.D
Acq: 21 Mar 2019 04:56

Tgt Ion: 117 Resp: 6397
Ion Ratio Lower Upper
117 100
119 11.1 76.2 114.2#
121 3.8 24.6 36.8#





#39

Methylcyclohexane

Concen: 0.296 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-UV(POST-HYPO)

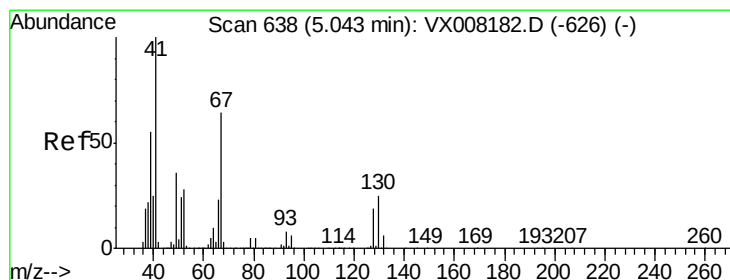
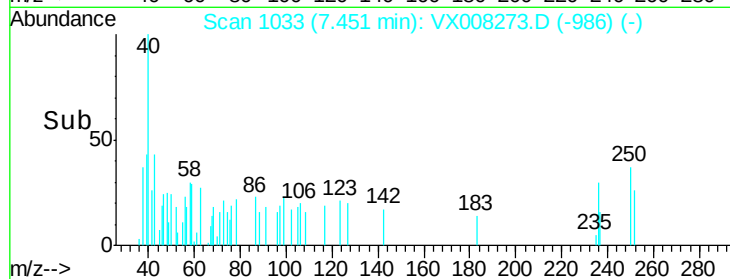
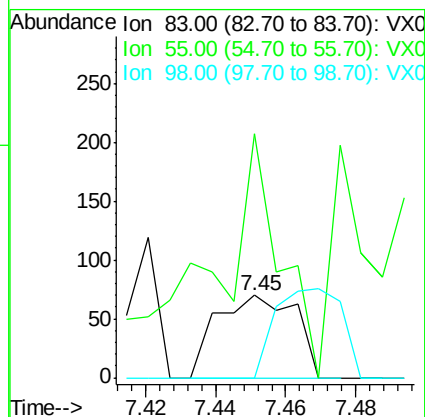
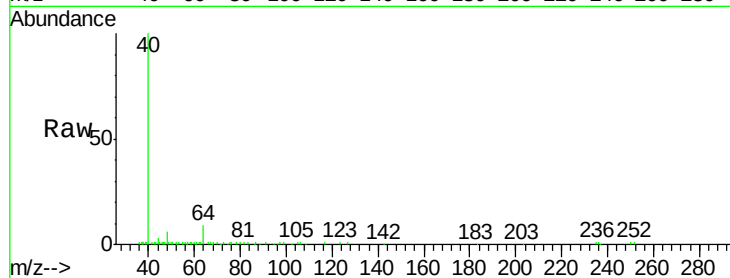
Tot Ion: 83 Resp: 110

Ion Ratio Lower Upper

83 100

55 277.1 60.4 90.6#

98 0.0 36.5 54.7#



#41

Methacrylonitrile

Concen: 1.413 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Tgt Ion: 41 Resp: 289

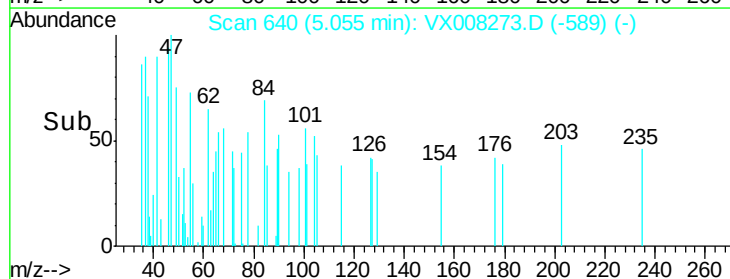
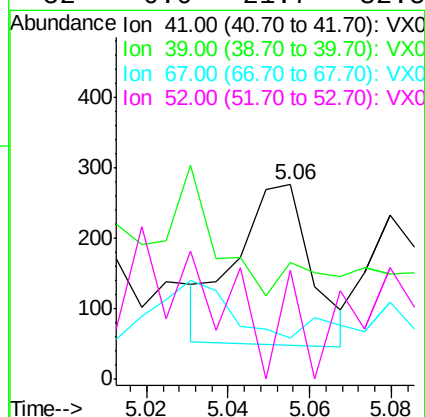
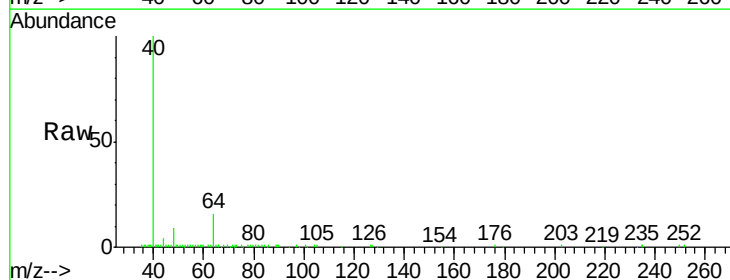
Ion Ratio Lower Upper

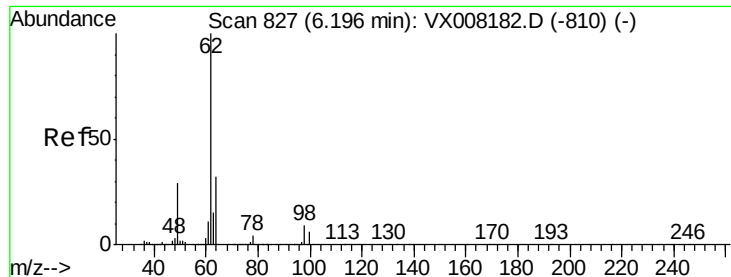
41 100

39 13.5 41.6 62.4#

67 0.0 55.8 83.6#

52 0.0 21.7 32.5#





#42

1,2-Dichloroethane

Concen: 0.688 ug/l

RT: 6.09 min Scan# 809

Delta R.T. -0.11 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

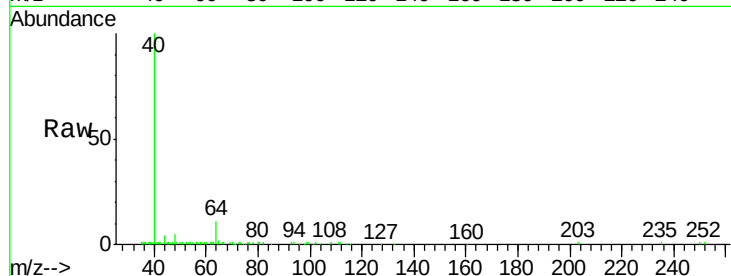
M3-T4-UV(POST-HYPO)

Tot Ion: 62 Resp: 230

Ion Ratio Lower Upper

62 100

98 19.1 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.09

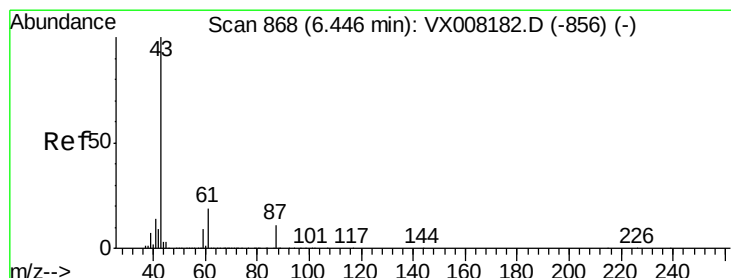
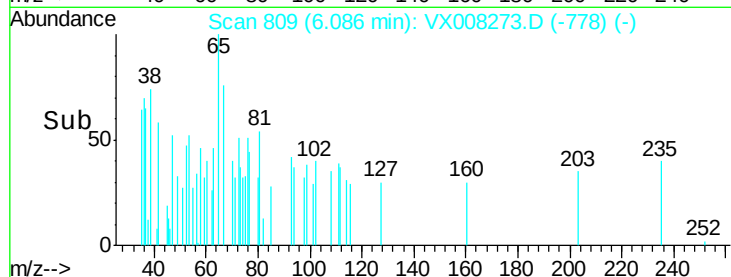
150

100

50

0

Time--> 6.06 6.08 6.10



#43

Isopropyl Acetate

Concen: 0.334 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

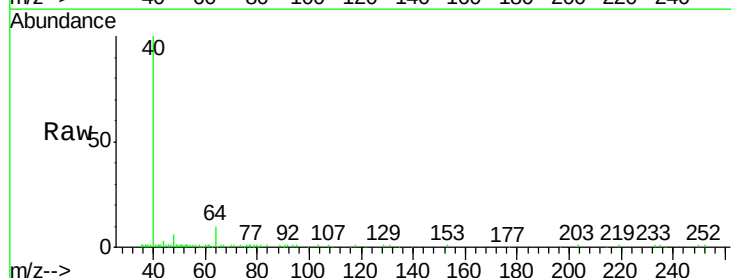
Tgt Ion: 43 Resp: 195

Ion Ratio Lower Upper

43 100

61 170.3 16.3 24.5#

87 11.8 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.43

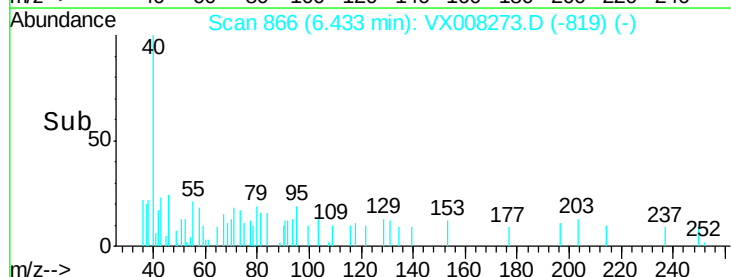
150

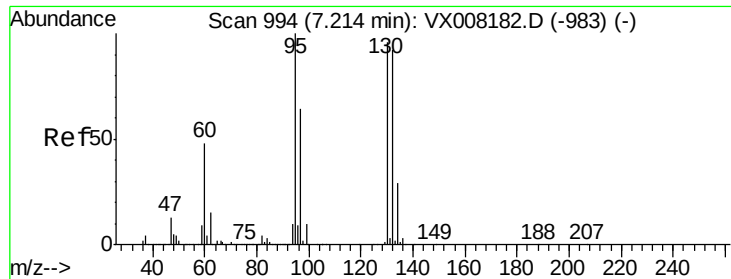
100

50

0

Time--> 6.40 6.42 6.44





#44

Trichloroethene

Concen: 0.291 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

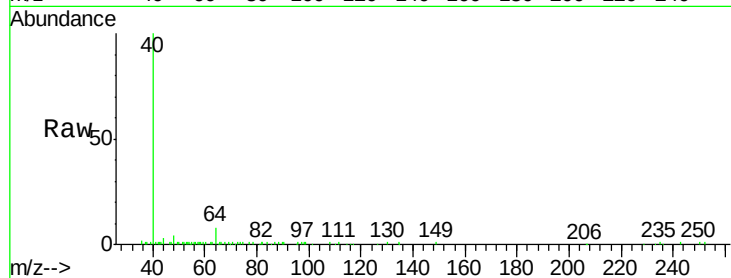
M3-T4-UV(POST-HYPO)

Tot Ion:130 Resp: 65

Ion Ratio Lower Upper

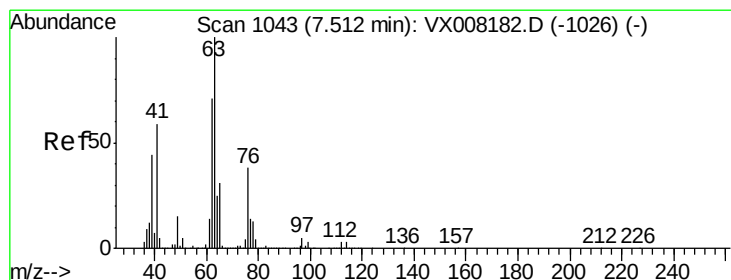
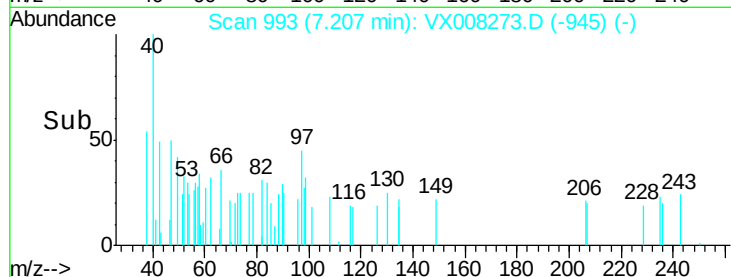
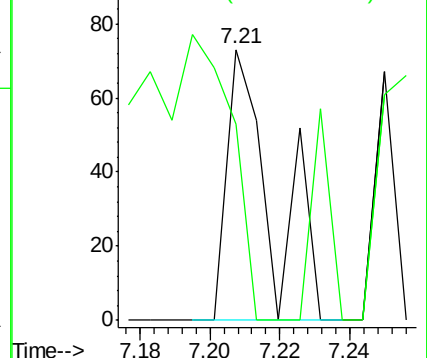
130 100

95 72.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.693 ug/l

RT: 7.50 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX008273.D

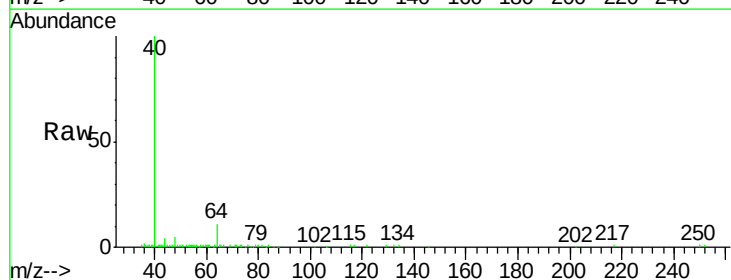
Acq: 21 Mar 2019 04:56

Tgt Ion: 63 Resp: 177

Ion Ratio Lower Upper

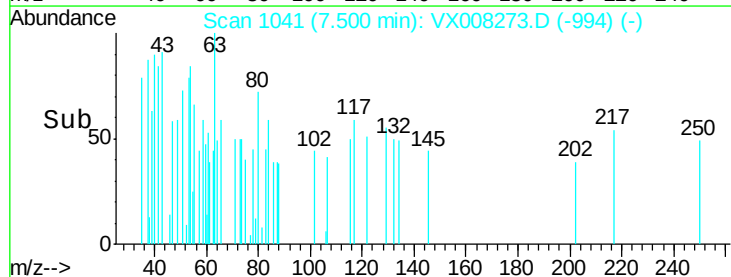
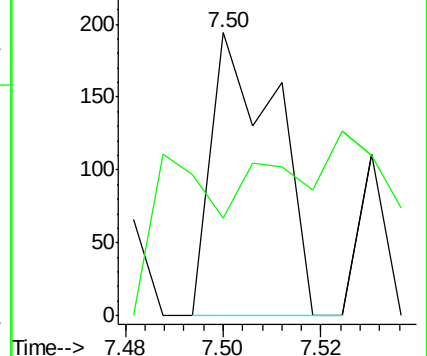
63 100

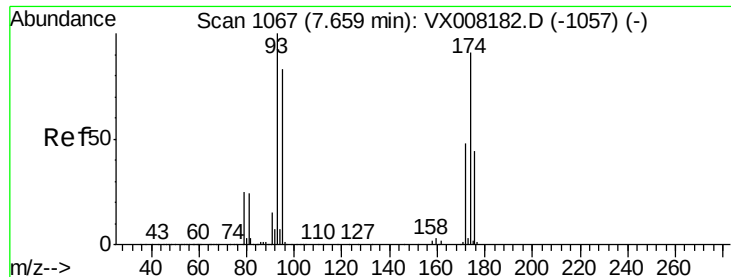
65 25.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 0.485 ug/l

RT: 7.82 min Scan# 1093

Delta R.T. 0.16 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-UV(POST-HYPO)

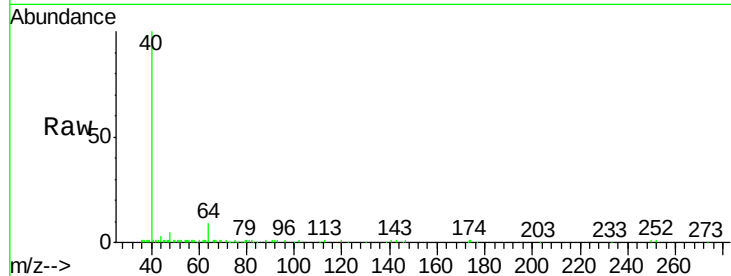
Tot Ion: 93 Resp: 75

Ion Ratio Lower Upper

93 100

95 89.3 66.8 100.2

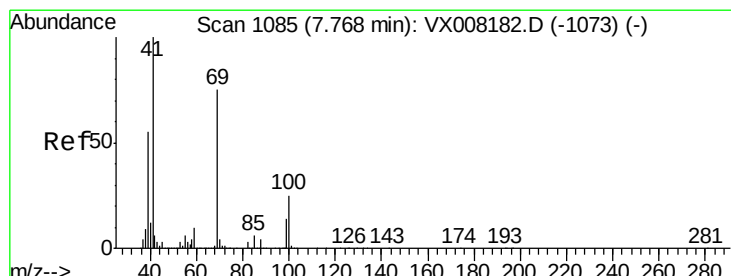
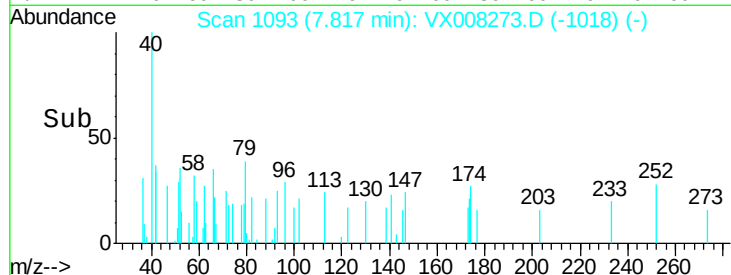
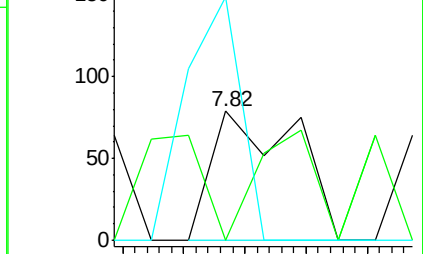
174 124.0 97.3 145.9



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#48

Methyl methacrylate

Concen: 0.576 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.03 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

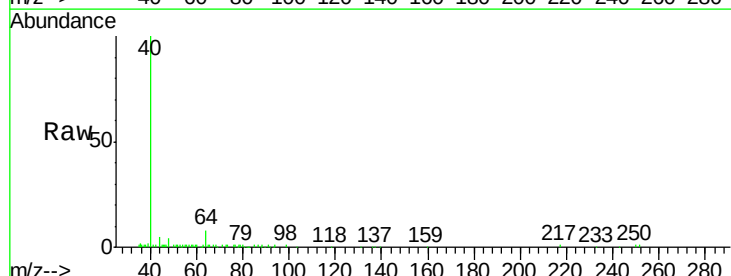
Tgt Ion: 41 Resp: 179

Ion Ratio Lower Upper

41 100

69 80.4 65.2 97.8

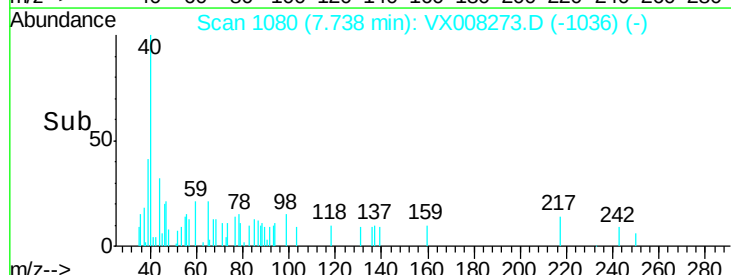
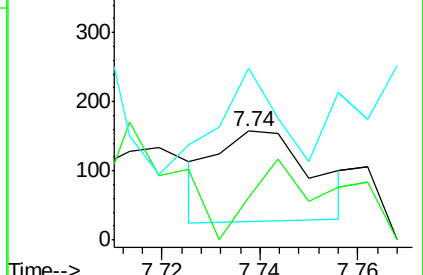
39 75.4 39.4 59.2#

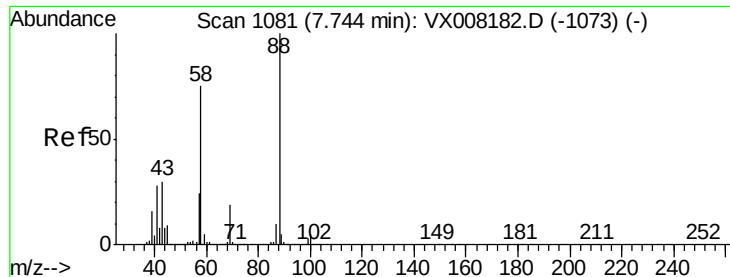


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

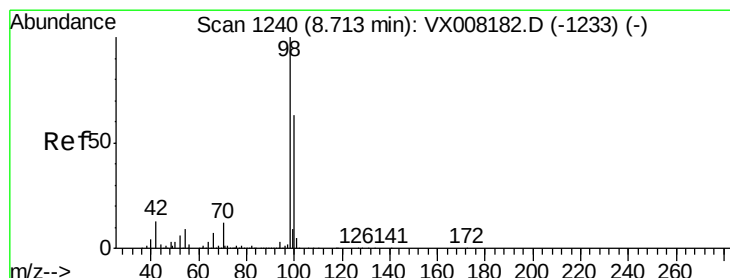
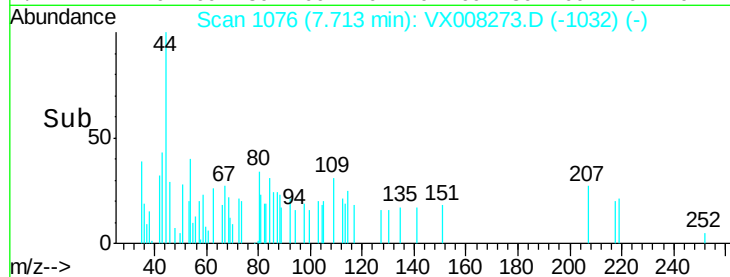
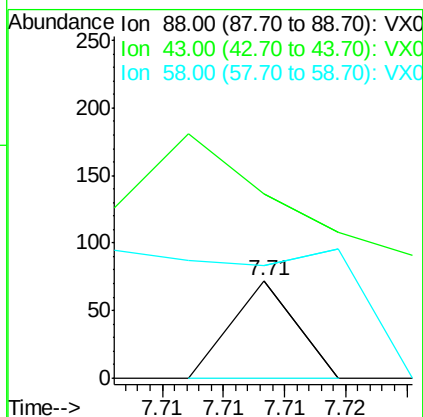
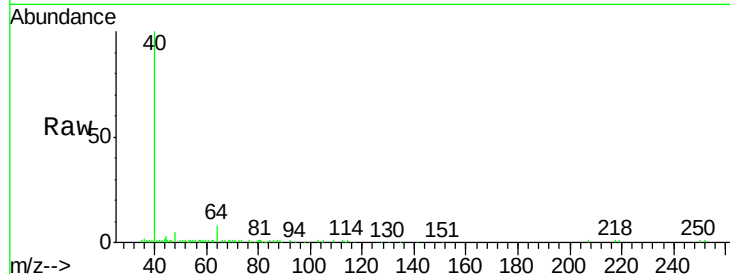




#49
1,4-Dioxane
Concen: 4.742 ug/l
RT: 7.71 min Scan# 1076
Delta R.T. -0.03 min
Lab File: VX008273.D
Acq: 21 Mar 2019 04:56

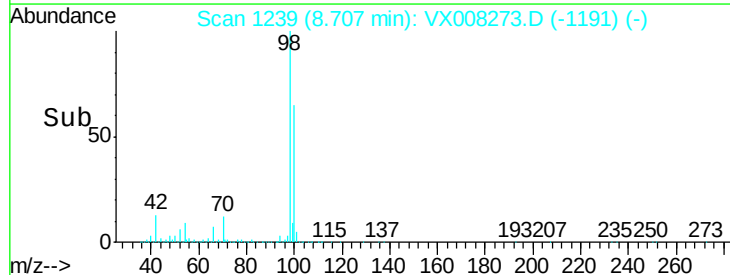
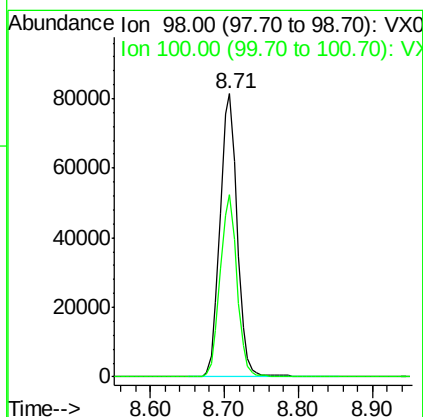
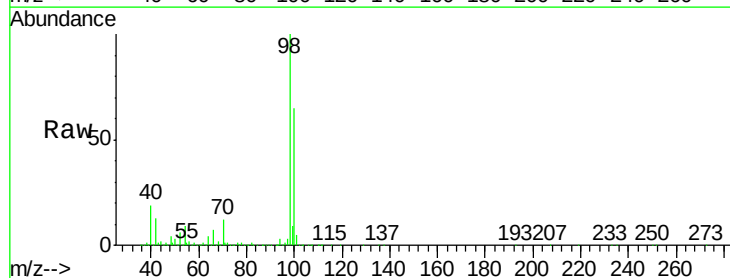
Instrument :
MSVOA_X
ClientSampleId :
M3-T4-UV(POST-HYPO)

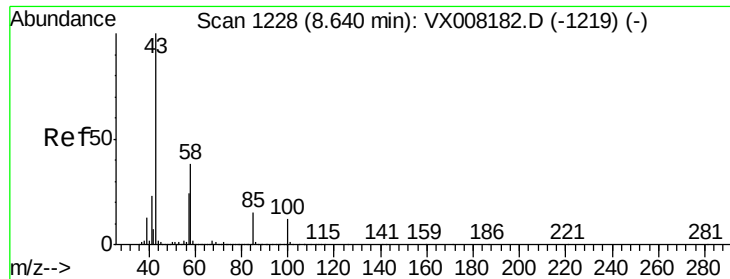
Tot Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 1088.5 25.1 37.7#
58 373.1 57.8 86.6#



#50
Toluene-d8
Concen: 194.869 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX008273.D
Acq: 21 Mar 2019 04:56

Tgt Ion: 98 Resp: 131007
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 0.789 ug/l

RT: 8.42 min Scan# 1192

Delta R.T. -0.22 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

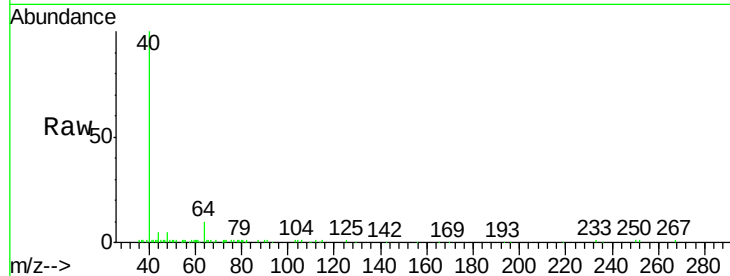
M3-T4-UV(POST-HYPO)

Tot Ion: 43 Resp: 298

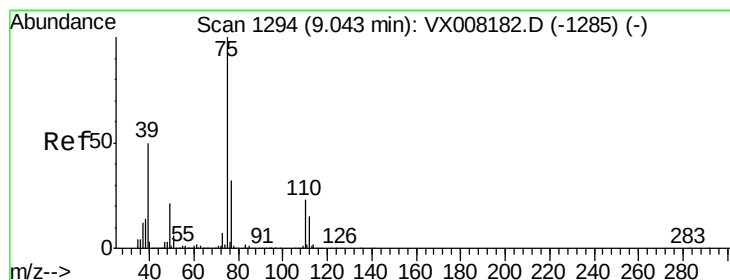
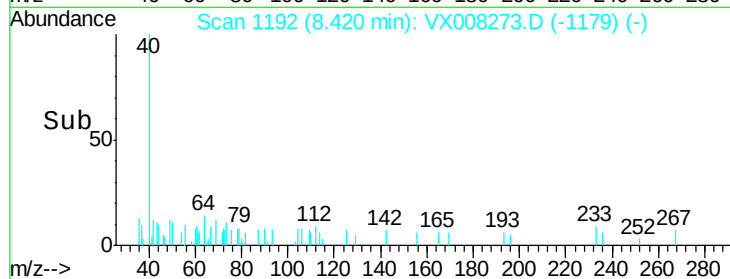
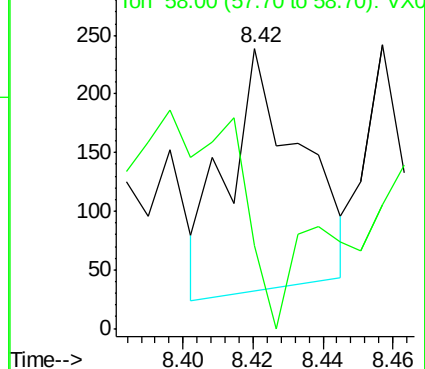
Ion Ratio Lower Upper

43 100

58 37.6 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.756 ug/l

RT: 9.02 min Scan# 1291

Delta R.T. -0.02 min

Lab File: VX008273.D

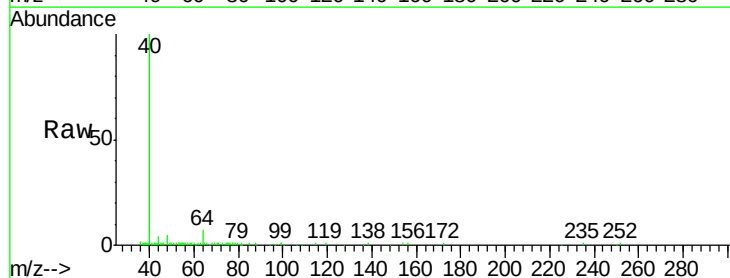
Acq: 21 Mar 2019 04:56

Tgt Ion: 75 Resp: 127

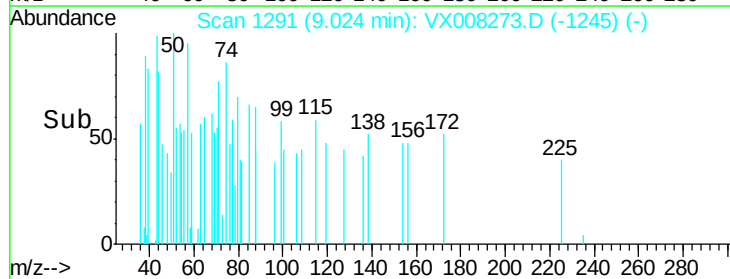
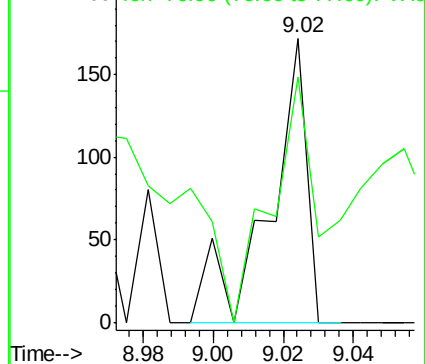
Ion Ratio Lower Upper

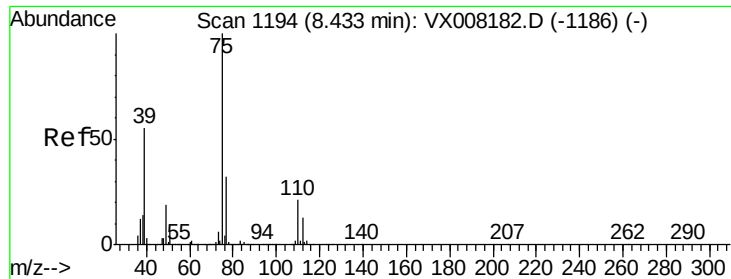
75 100

77 50.6 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0



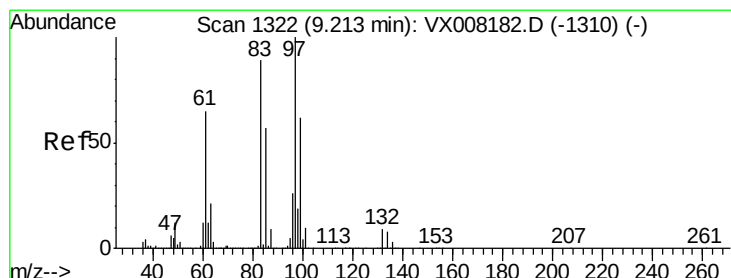
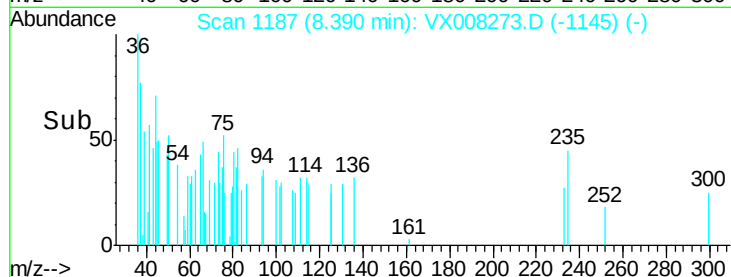
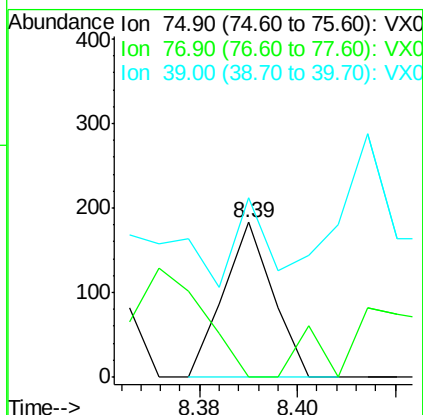
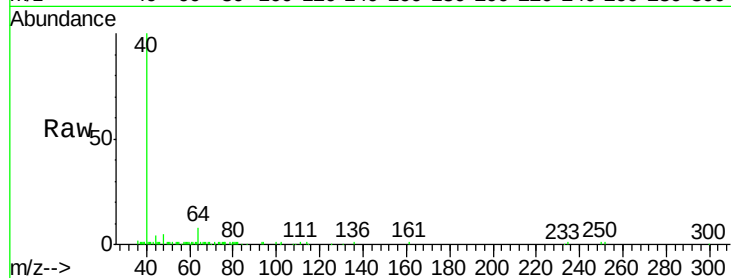


#54

cis-1,3-Dichloropropene
Concen: 0.350 ug/l
RT: 8.39 min Scan# 1187
Delta R.T. -0.04 min
Lab File: VX008273.D
Acq: 21 Mar 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
M3-T4-UV(POST-HYPO)

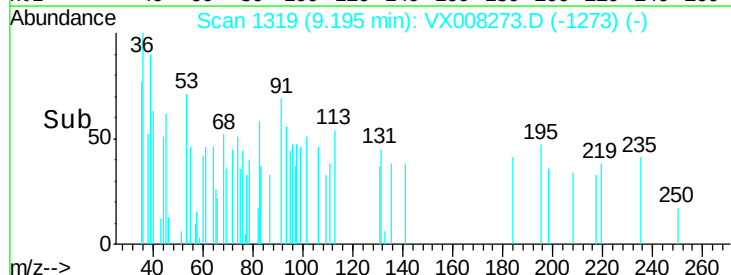
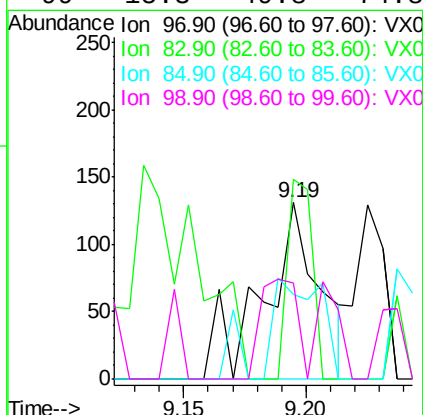
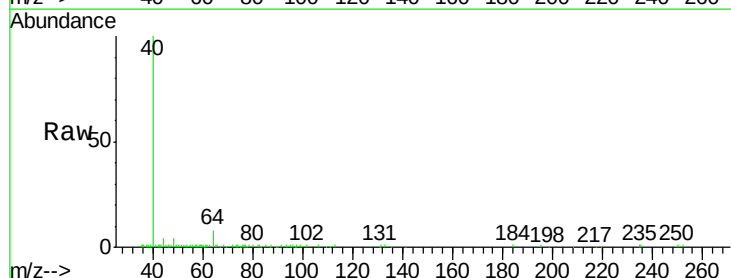
Tot Ion: 75 Resp: 128
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.6#
39 26.8 36.6 54.8#

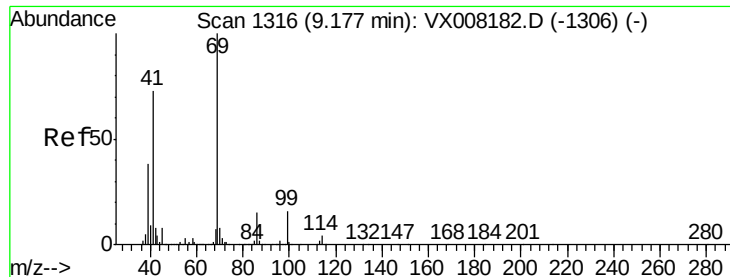


#55

1,1,2-Trichloroethane
Concen: 0.960 ug/l
RT: 9.19 min Scan# 1319
Delta R.T. -0.02 min
Lab File: VX008273.D
Acq: 21 Mar 2019 04:56

Tgt Ion: 97 Resp: 210
Ion Ratio Lower Upper
97 100
83 113.0 69.1 103.7#
85 48.1 44.3 66.5
99 15.3 49.8 74.8#





#56

Ethyl methacrylate

Concen: 1.075 ug/l

RT: 9.12 min Scan# 1306

Delta R.T. -0.06 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-UV(POST-HYPO)

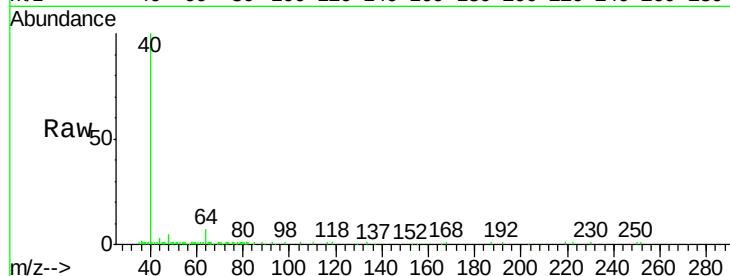
Tot Ion: 69 Resp: 213

Ion Ratio Lower Upper

69 100

41 0.0 54.2 81.4#

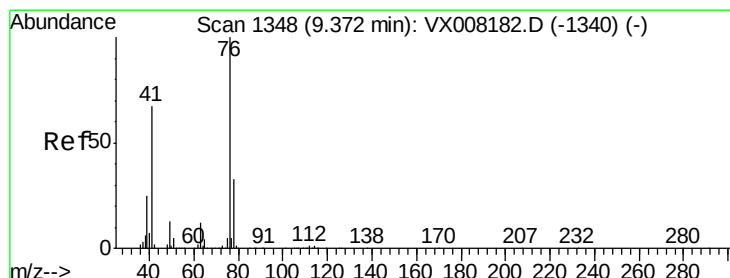
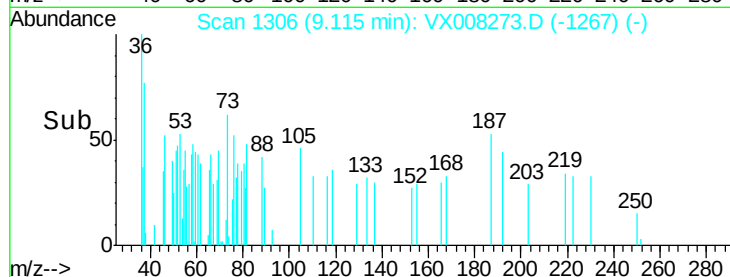
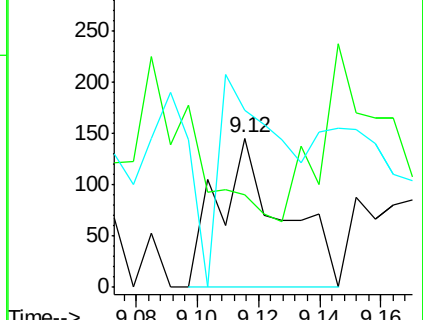
39 138.5 25.0 37.4#



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



#57

1,3-Dichloropropane

Concen: 0.307 ug/l

RT: 9.34 min Scan# 1343

Delta R.T. -0.03 min

Lab File: VX008273.D

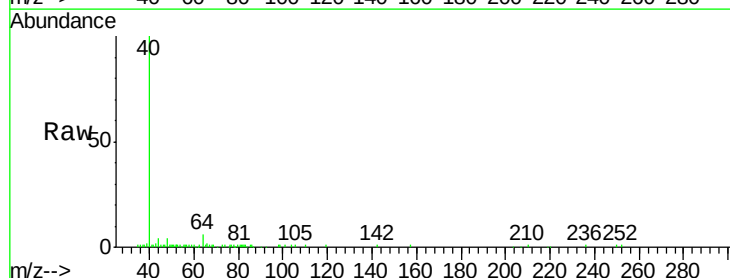
Acq: 21 Mar 2019 04:56

Tgt Ion: 76 Resp: 119

Ion Ratio Lower Upper

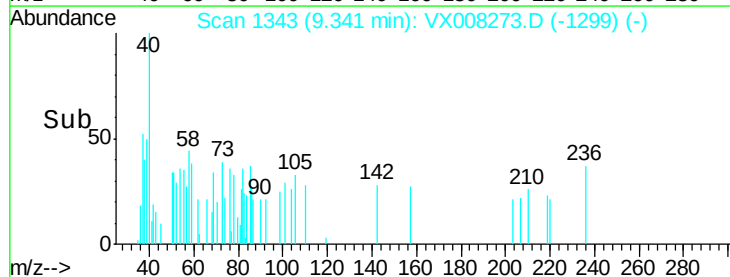
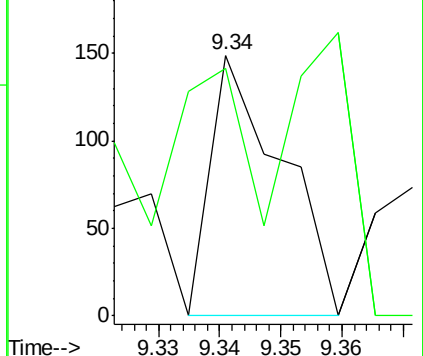
76 100

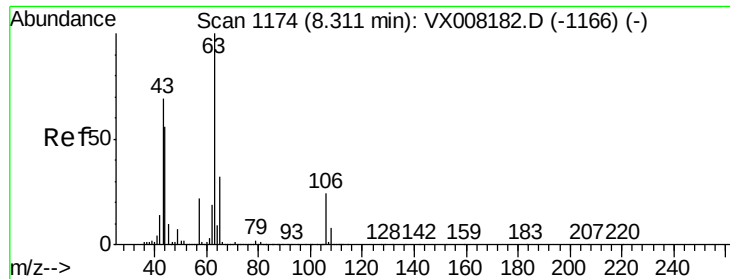
78 98.3 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

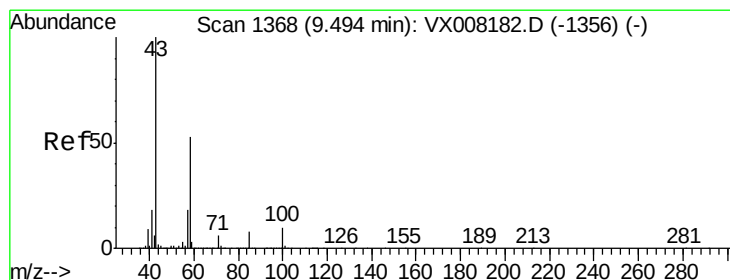
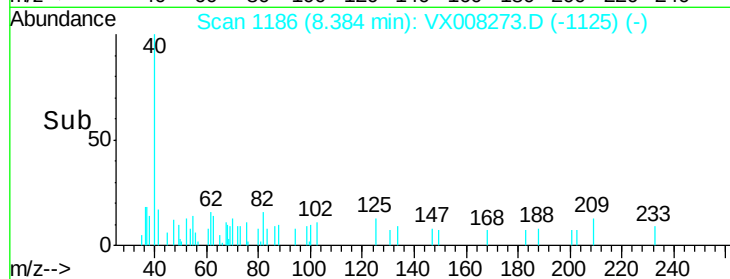
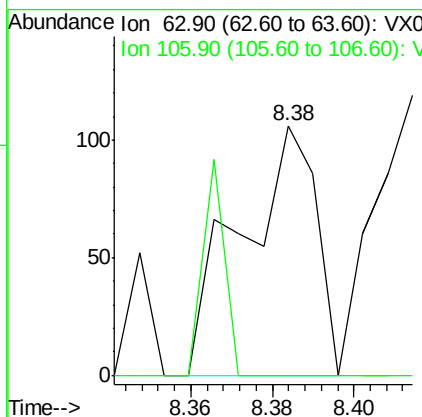
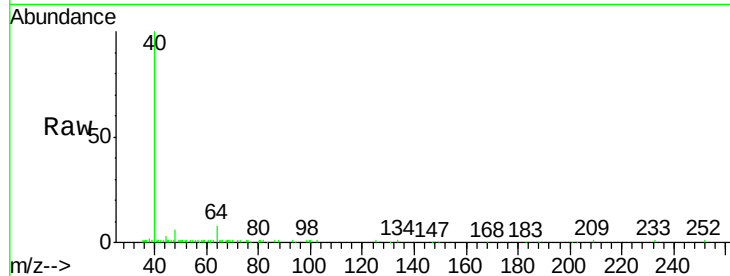




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.759 ug/l
 RT: 8.38 min Scan# 1186
 Delta R.T. 0.07 min
 Lab File: VX008273.D
 Acq: 21 Mar 2019 04:56

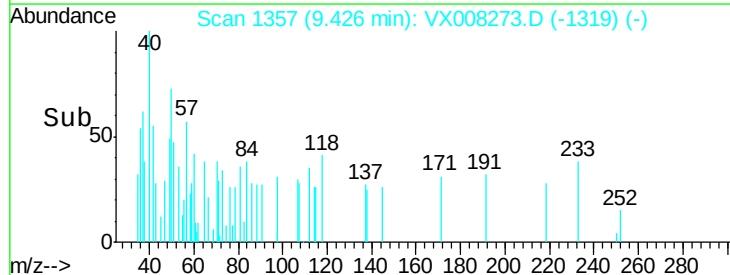
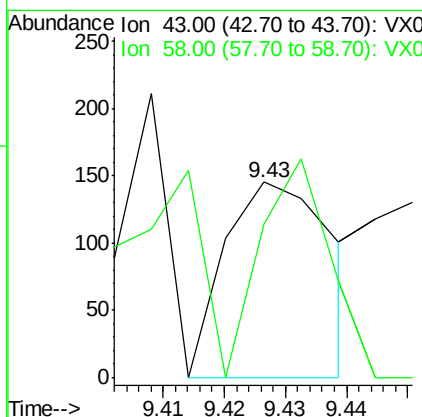
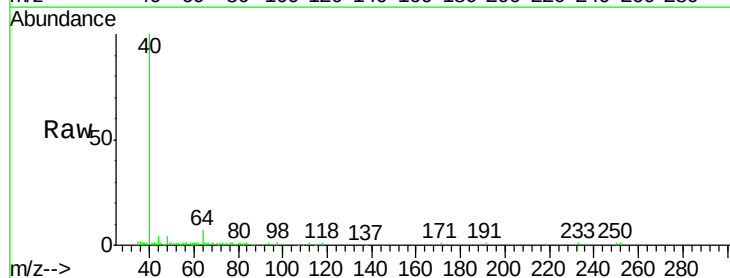
Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T4-UV(POST-HYPO)

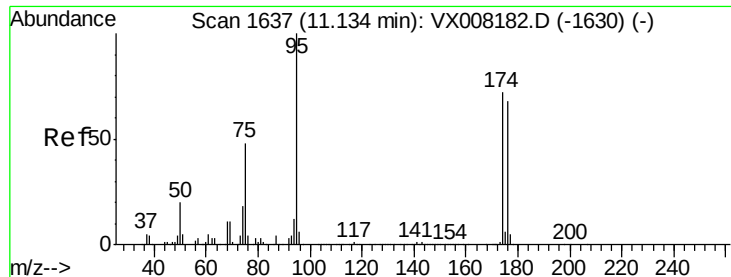
Tot Ion: 63 Resp: 136
 Ion Ratio Lower Upper
 63 100
 106 25.0 22.2 33.2



#59
 2-Hexanone
 Concen: 0.609 ug/l
 RT: 9.43 min Scan# 1357
 Delta R.T. -0.07 min
 Lab File: VX008273.D
 Acq: 21 Mar 2019 04:56

Tgt Ion: 43 Resp: 177
 Ion Ratio Lower Upper
 43 100
 58 72.3 27.6 82.7





#62

4-Bromofluorobenzene

Concen: 348.056 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-UV(POST-HYPO)

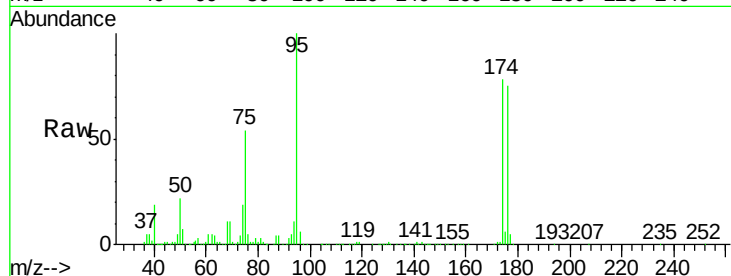
Tot Ion: 95 Resp: 80568

Ion Ratio Lower Upper

95 100

174 80.9 0.0 182.8

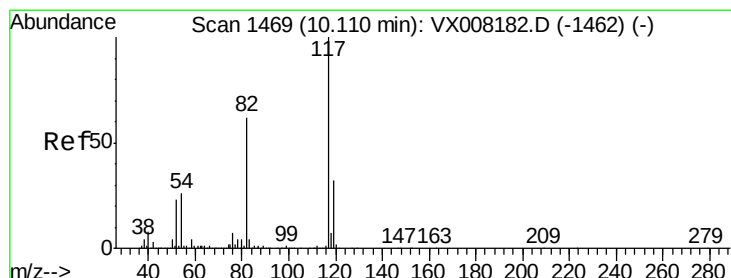
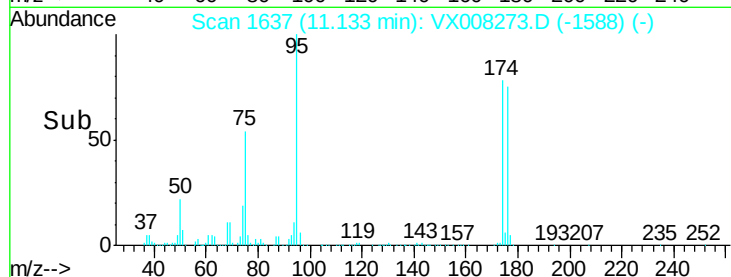
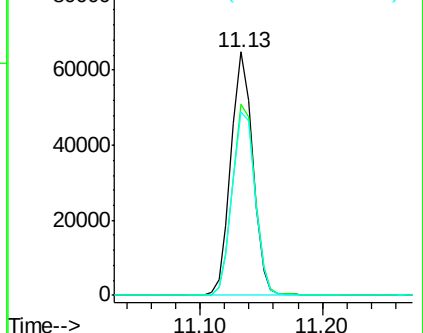
176 78.6 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX

Ion 173.80 (173.50 to 174.50): VX

Ion 175.80 (175.50 to 176.50): VX



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

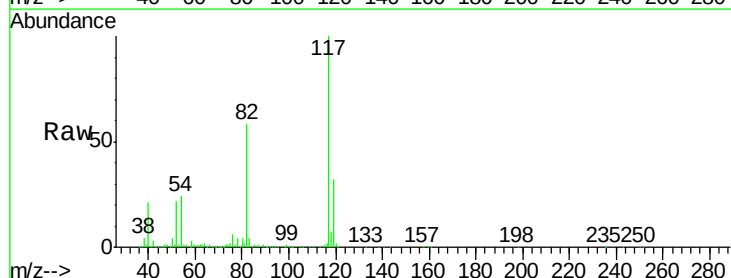
Tgt Ion: 117 Resp: 113611

Ion Ratio Lower Upper

117 100

82 58.1 44.3 66.5

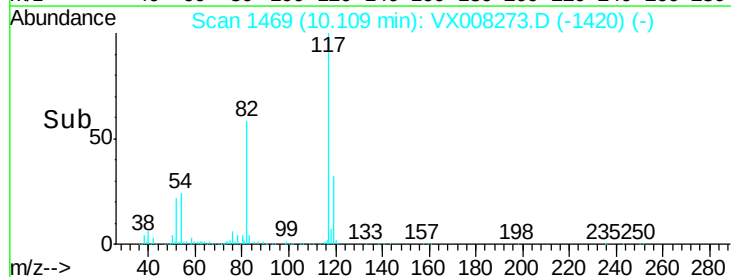
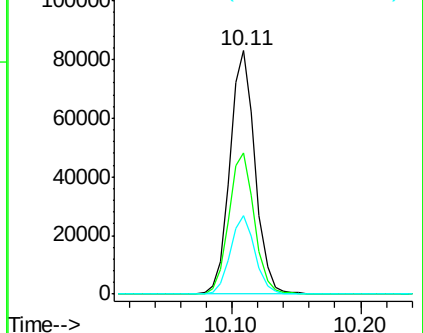
119 32.4 25.3 37.9

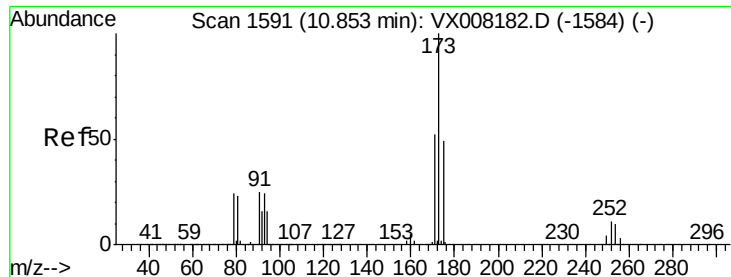


Abundance Ion 116.90 (116.60 to 117.60): VX

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): VX





#71

Bromoform

Concen: 2.246 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.15 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-UV(POST-HYPO)

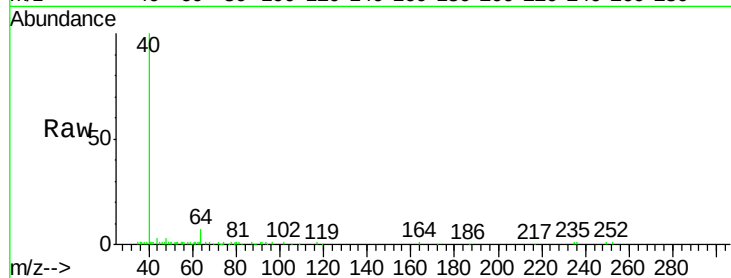
Tot Ion:173 Resp: 38

Ion Ratio Lower Upper

173 100

175 0.0 24.3 72.9#

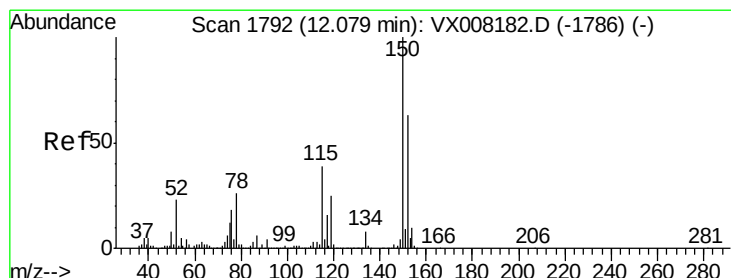
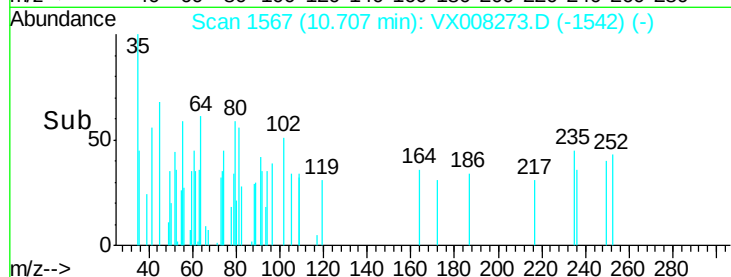
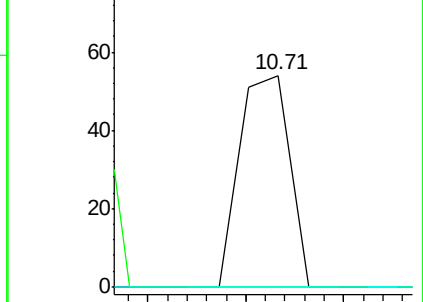
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VX008273.D

Acq: 21 Mar 2019 04:56

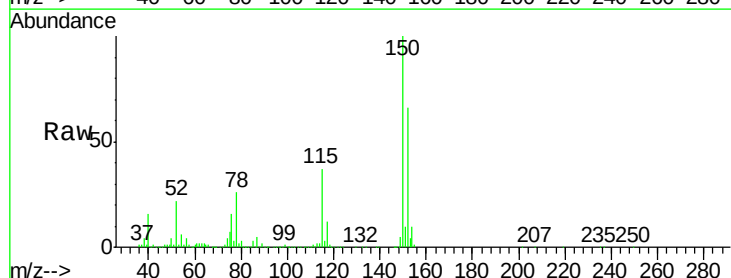
Tgt Ion:152 Resp: 93526

Ion Ratio Lower Upper

152 100

115 58.6 38.6 115.7

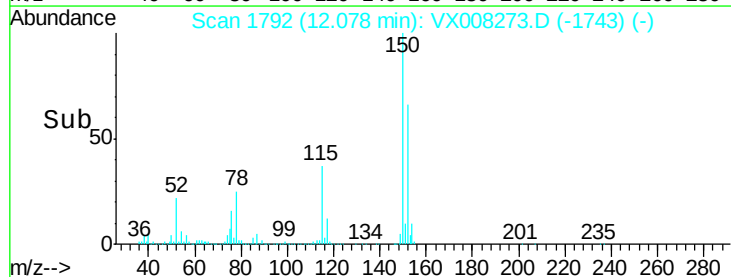
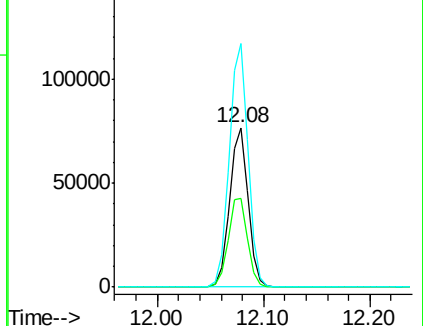
150 154.9 0.0 348.4

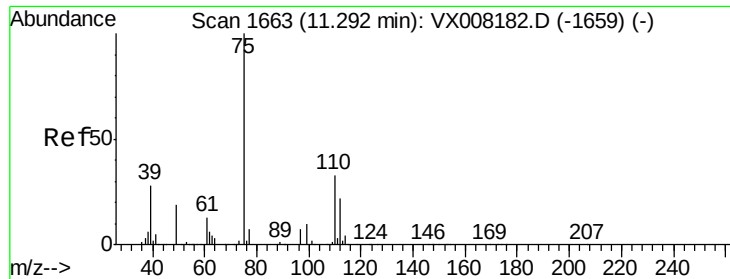


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 16.308 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

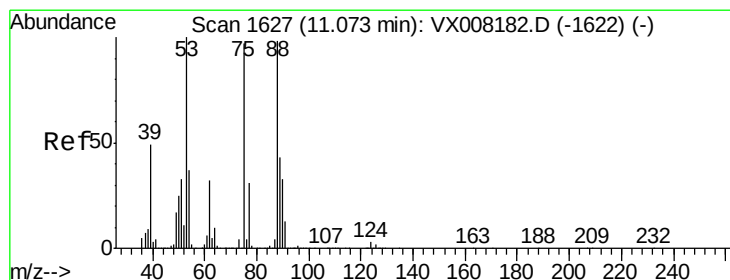
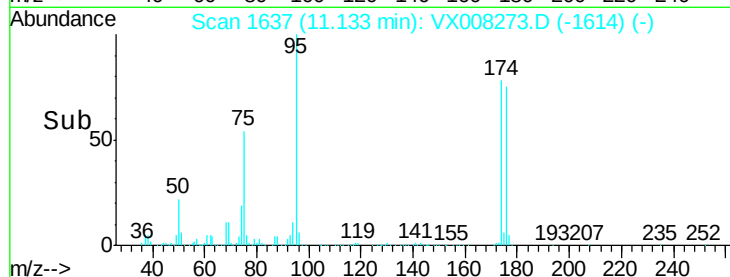
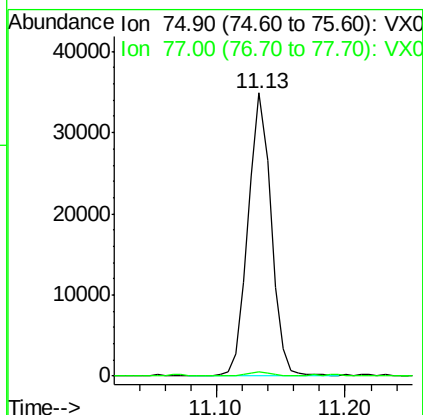
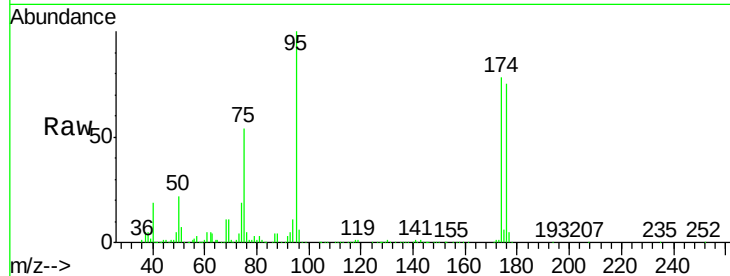
M3-T4-UV(POST-HYPO)

Tot Ion: 75 Resp: 42899

Ion Ratio Lower Upper

75 100

77 1.8 18.9 56.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 41.816 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

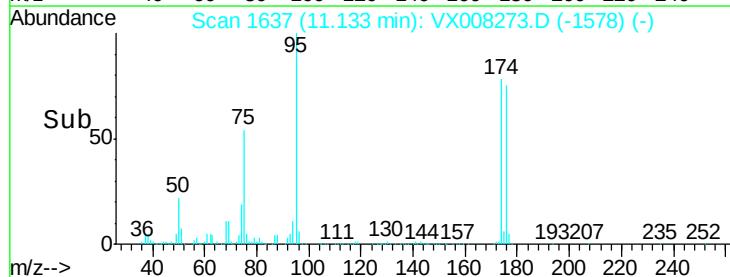
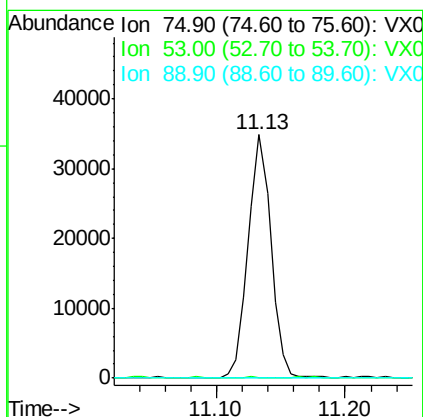
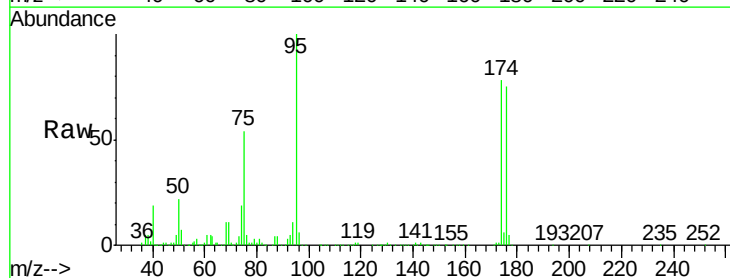
Tgt Ion: 75 Resp: 42899

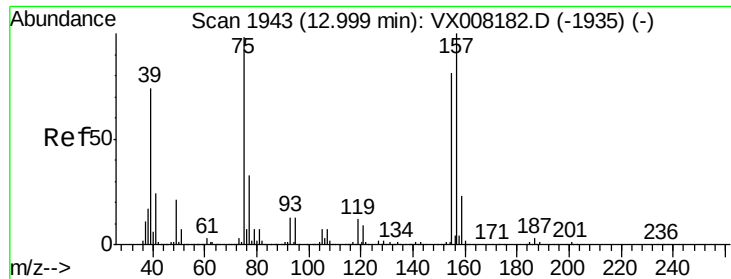
Ion Ratio Lower Upper

75 100

53 0.4 76.1 114.1#

89 0.3 36.3 54.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.273 ug/l

RT: 13.01 min Scan# 1944

Delta R.T. 0.01 min

Lab File: VX008273.D

Acq: 21 Mar 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-UV(POST-HYPO)

Tot Ion: 75 Resp: 181

Ion Ratio Lower Upper

75 100

155 0.0 49.7 149.1#

157 13.3 63.8 191.4#

