

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030519\
 Data File : VX007838.D
 Acq On : 05 Mar 2019 15:41
 Operator : JC/SP
 Sample : K1718-01DL 200X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13DL

Quant Time: Mar 06 00:11:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	315860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	487404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	455748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221264	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	173196	44.27	ug/l	0.00
Spiked Amount			Recovery	=	88.54%	
35) Dibromofluoromethane	5.50	113	160769	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
50) Toluene-d8	8.71	98	588331	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
62) 4-Bromofluorobenzene	11.13	95	214601	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	

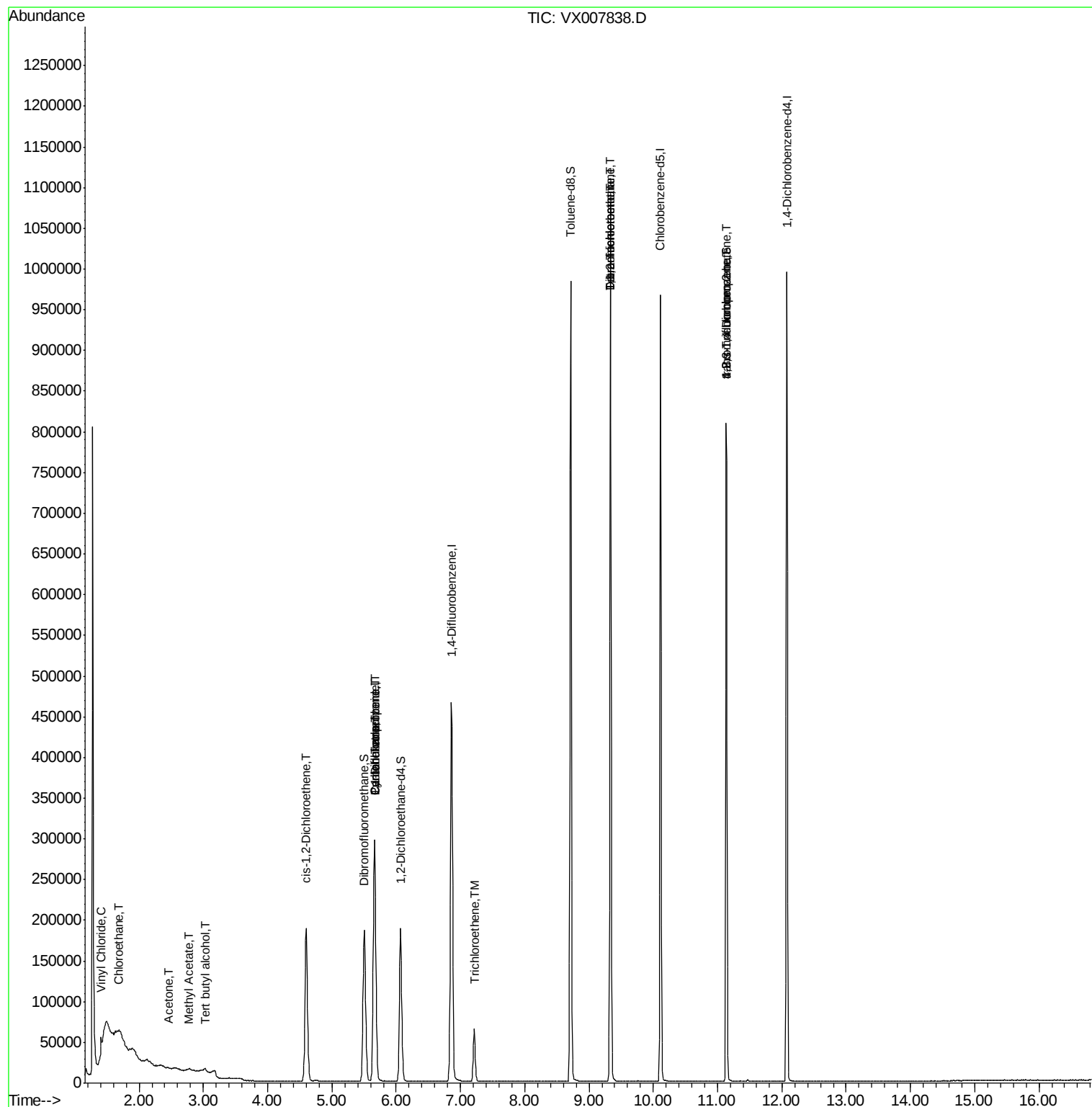
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	11138	3.367	ug/l #	1
5) Bromomethane	1.65	94	247	Below Cal	#	48
6) Chloroethane	1.68	64	28370	13.423	ug/l #	52
11) Tert butyl alcohol	3.03	59	2141	2.884	ug/l #	76
16) Acetone	2.45	43	1509	0.867	ug/l	97
18) Methyl Acetate	2.78	43	1119	0.295	ug/l #	77
27) cis-1,2-Dichloroethene	4.60	96	125563	32.854	ug/l	96
31) Cyclohexane	5.67	56	4913	0.904	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	19562	4.464	ug/l #	49
38) Carbon Tetrachloride	5.67	117	27285	6.199	ug/l #	17
44) Trichloroethene	7.21	130	26690	7.173	ug/l	97
55) 1,1,2-Trichloroethane	9.33	97	1511	0.425	ug/l #	1
60) Dibromochloromethane	9.34	129	199426	58.267	ug/l #	12
64) Tetrachloroethene	9.34	164	225182	60.863	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	100619	21.334	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	100619	56.738	ug/l #	9

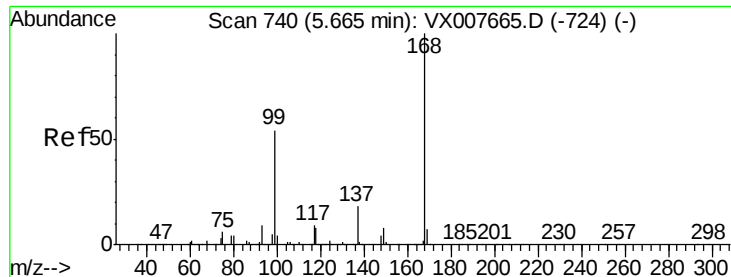
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030519\
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Quant Time: Mar 06 00:11:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007838.D

Acq: 05 Mar 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

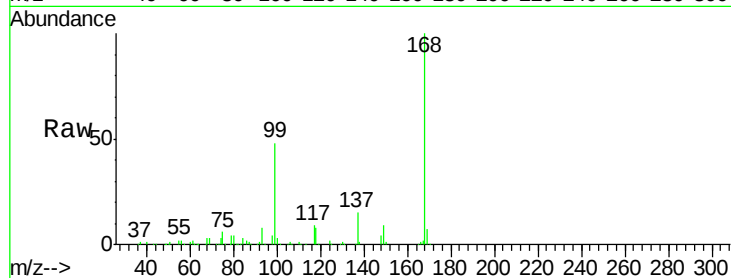
MW-13DL

Tot Ion:168 Resp: 315860

Ion Ratio Lower Upper

168 100

99 47.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

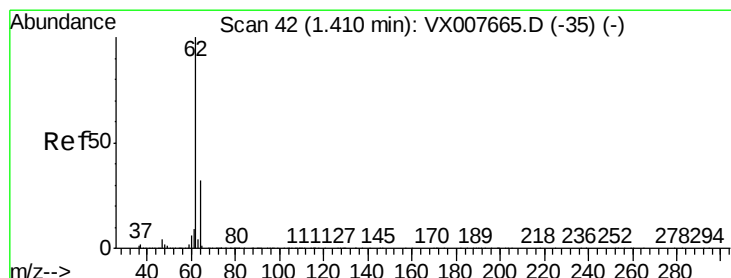
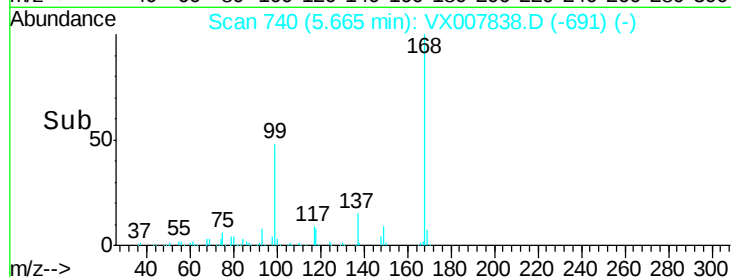
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 3.367 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007838.D

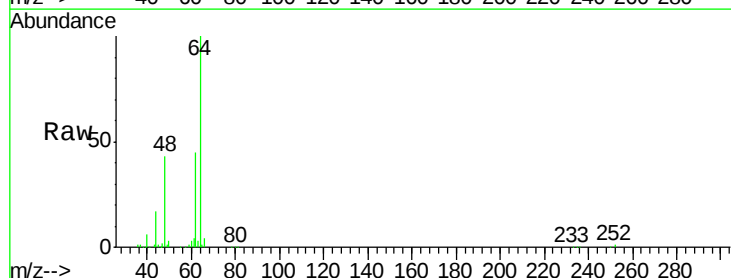
Acq: 05 Mar 2019 15:41

Tgt Ion: 62 Resp: 11138

Ion Ratio Lower Upper

62 100

64 105.0 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

50000

40000

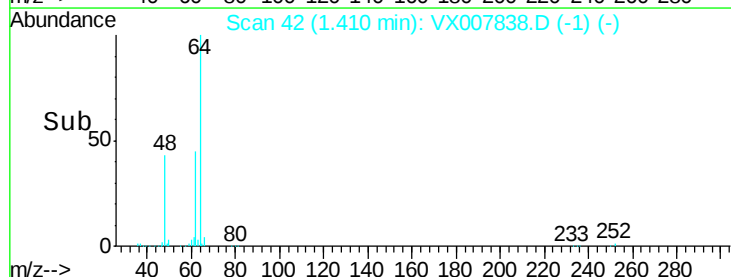
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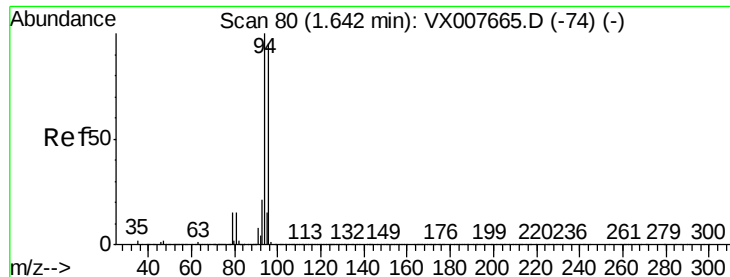
20000

10000

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007838.D

Acq: 05 Mar 2019 15:41

Instrument :

MSVOA_X

ClientSampled :

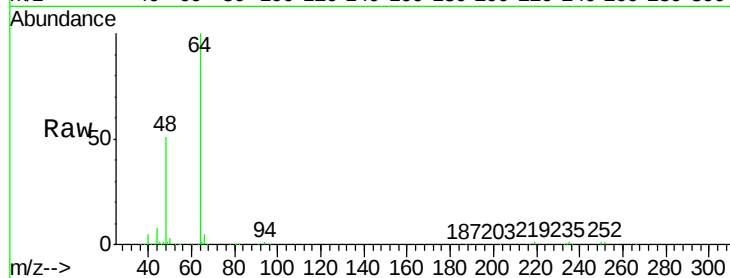
MW-13DL

Tot Ion: 94 Resp: 247

Ion Ratio Lower Upper

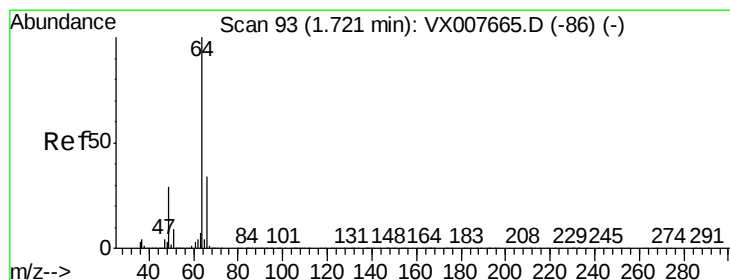
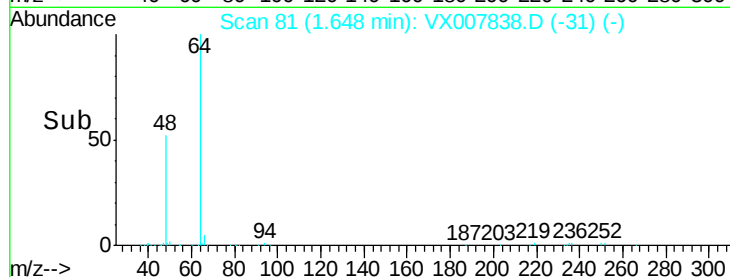
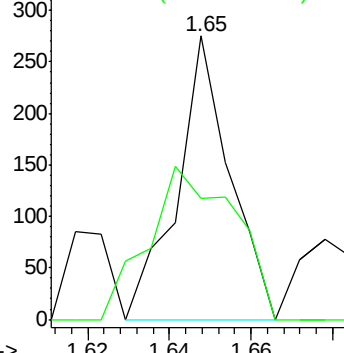
94 100

96 42.9 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 13.423 ug/l

RT: 1.68 min Scan# 87

Delta R.T. -0.04 min

Lab File: VX007838.D

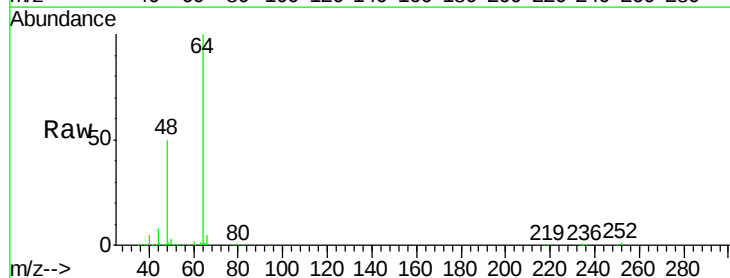
Acq: 05 Mar 2019 15:41

Tgt Ion: 64 Resp: 28370

Ion Ratio Lower Upper

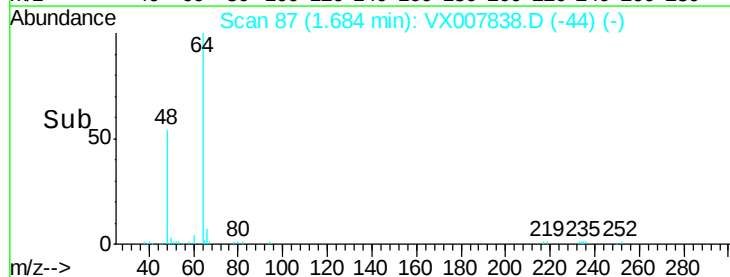
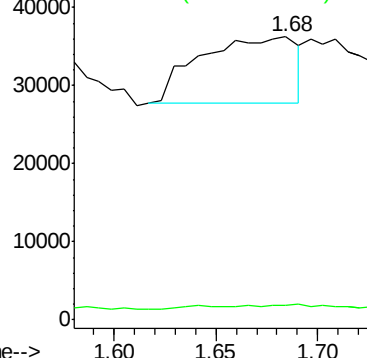
64 100

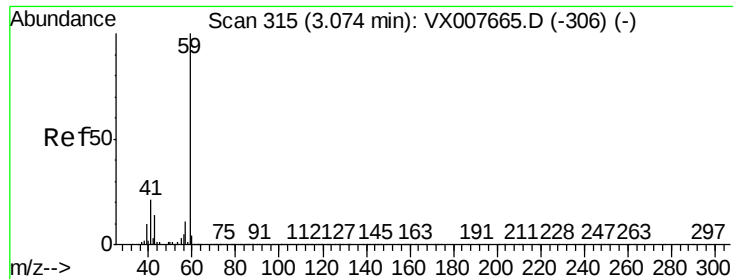
66 5.4 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



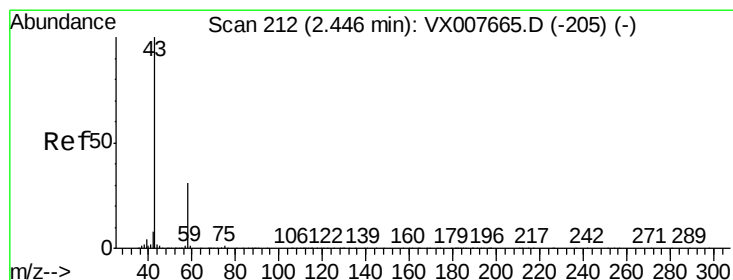
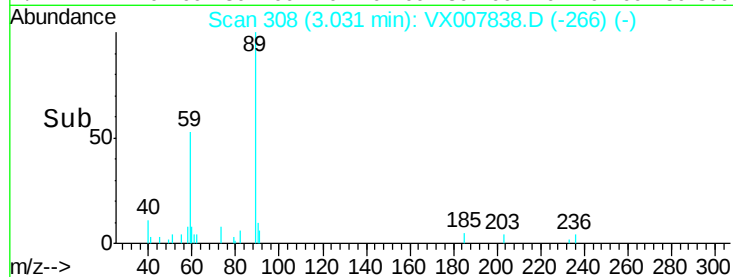
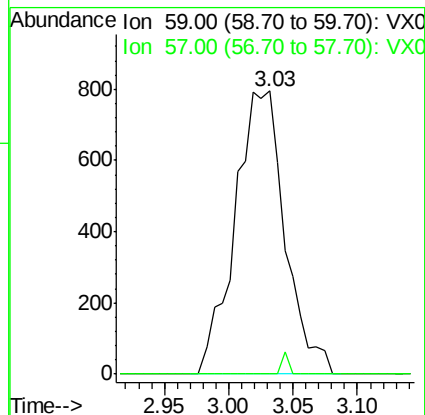
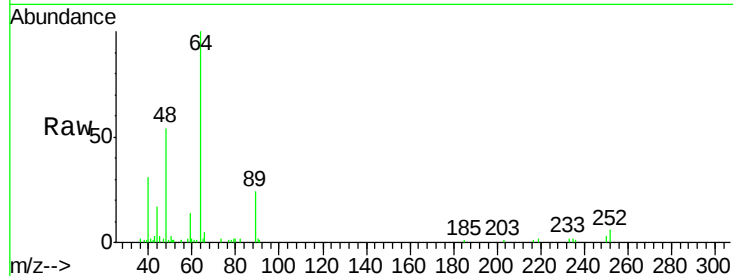


#11

Tert butyl alcohol
 Concen: 2.884 ug/l
 RT: 3.03 min Scan# 308
 Delta R.T. -0.04 min
 Lab File: VX007838.D
 Acq: 05 Mar 2019 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13DL

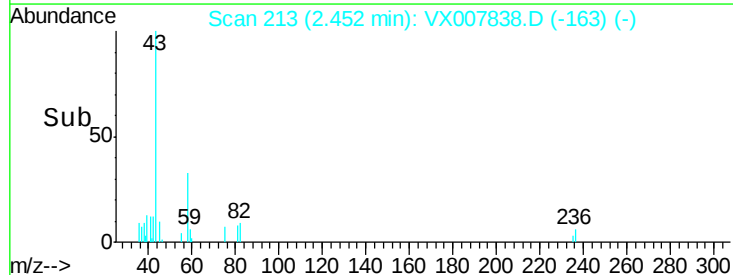
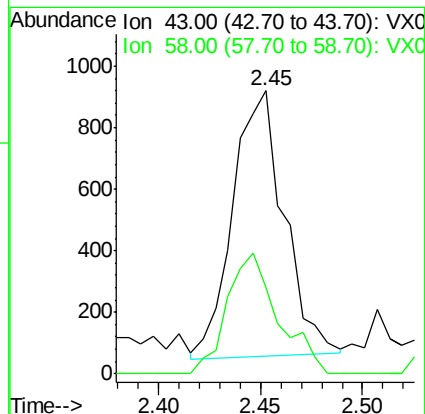
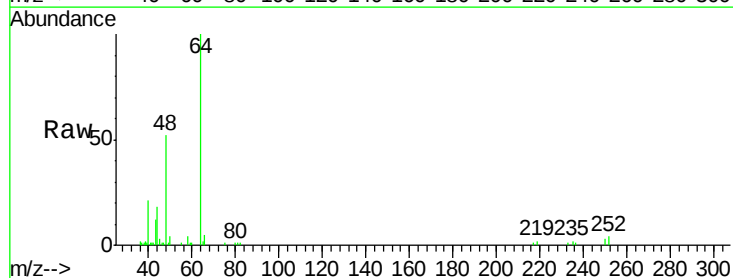
Tot Ion: 59 Resp: 2141
 Ion Ratio Lower Upper
 59 100
 57 1.1 8.1 12.1#

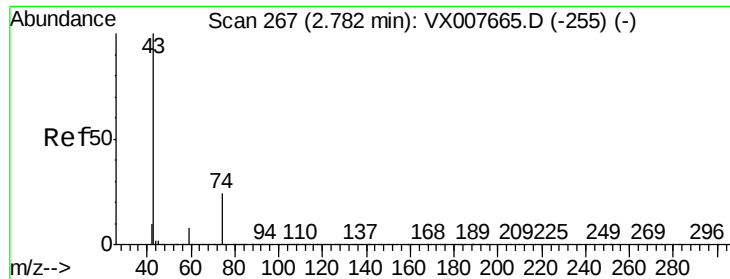


#16

Acetone
 Concen: 0.867 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX007838.D
 Acq: 05 Mar 2019 15:41

Tgt Ion: 43 Resp: 1509
 Ion Ratio Lower Upper
 43 100
 58 32.9 24.9 37.3

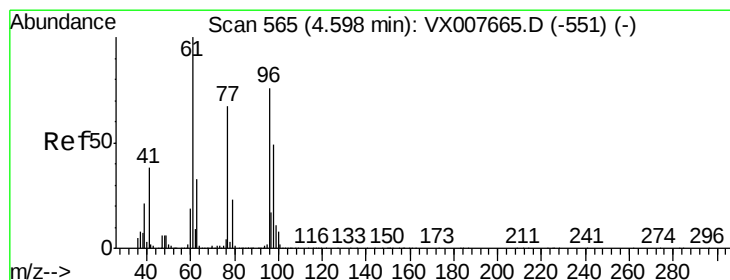
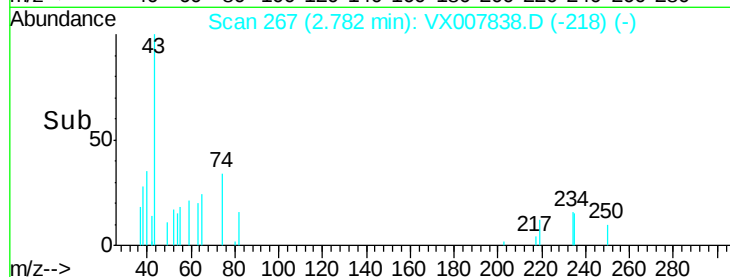
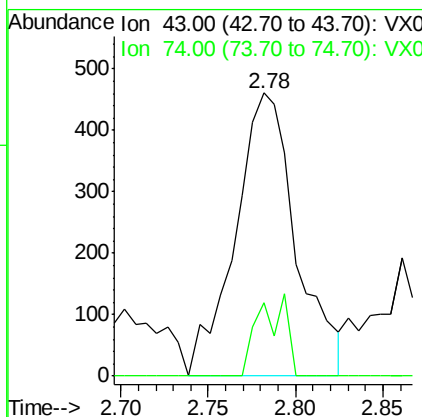
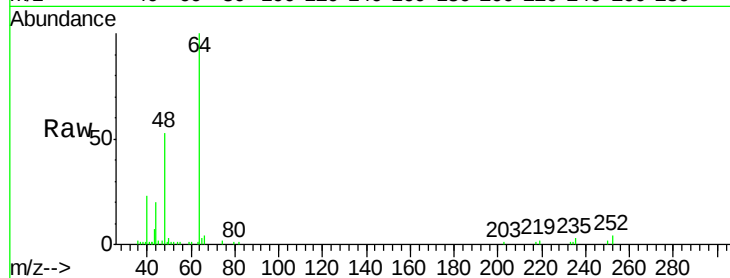




#18
Methyl Acetate
Concen: 0.295 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007838.D
Acq: 05 Mar 2019 15:41

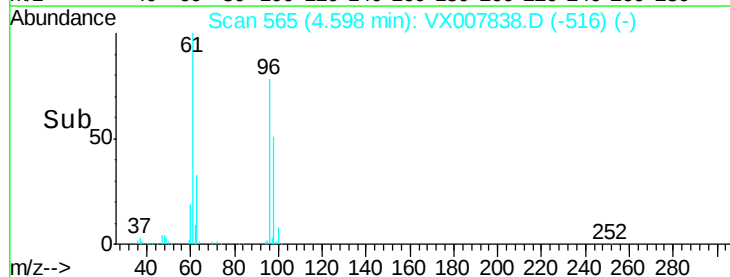
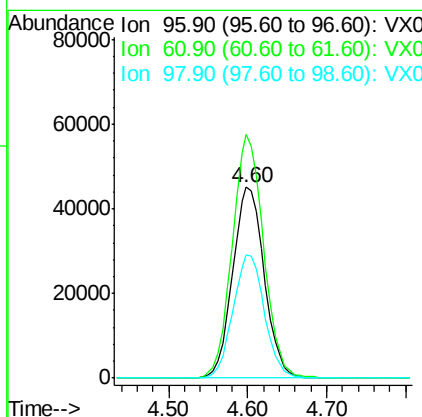
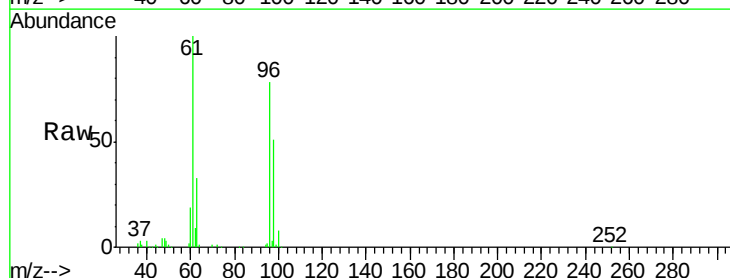
Instrument :
MSVOA_X
ClientSampled :
MW-13DL

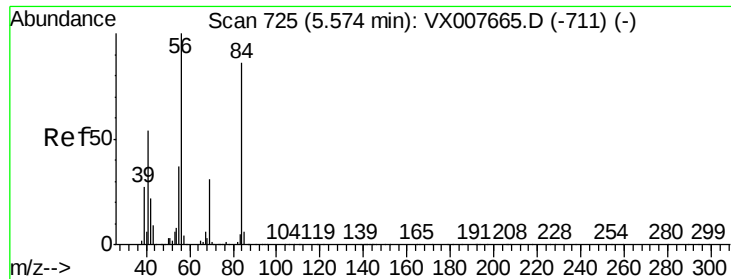
Tot Ion: 43 Resp: 1119
Ion Ratio Lower Upper
43 100
74 13.1 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 32.854 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007838.D
Acq: 05 Mar 2019 15:41

Tgt Ion: 96 Resp: 125563
Ion Ratio Lower Upper
96 100
61 126.6 0.0 265.6
98 64.5 0.0 131.6

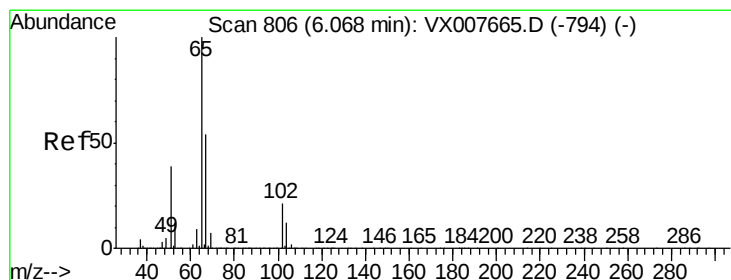
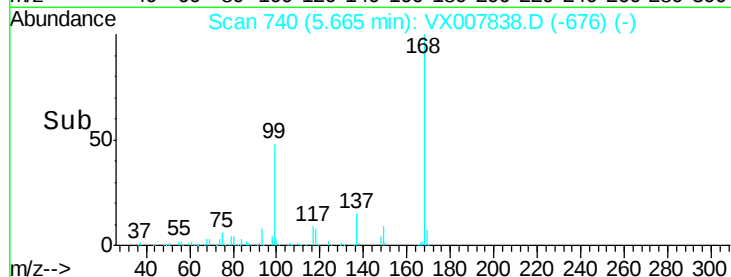
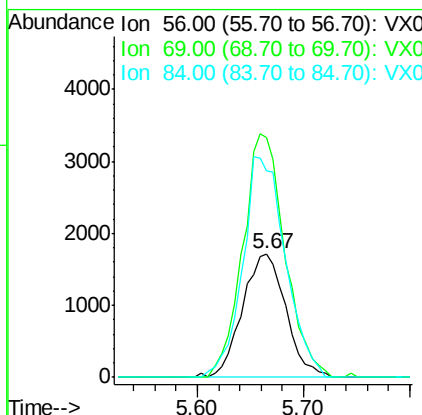
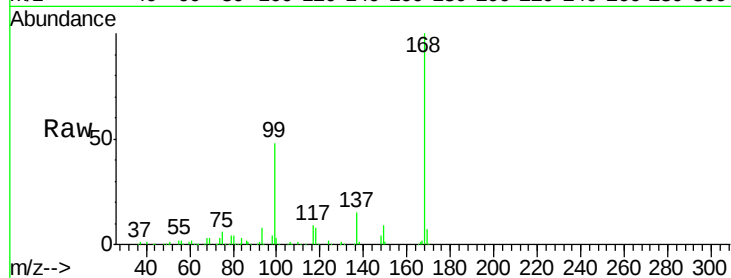




#31
Cyclohexane
Concen: 0.904 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007838.D
Acq: 05 Mar 2019 15:41

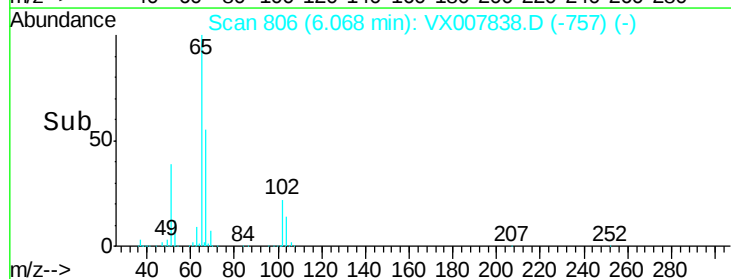
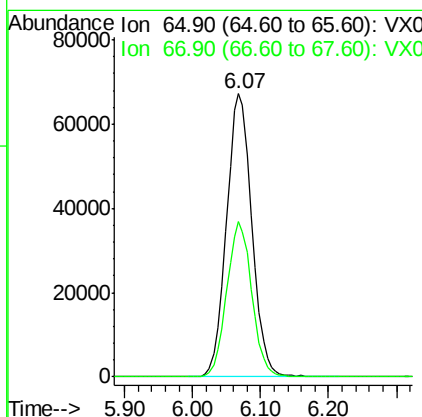
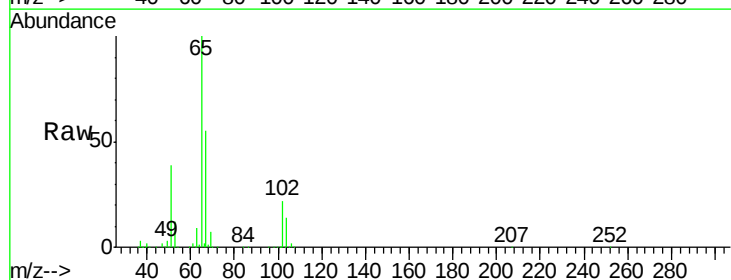
Instrument :
MSVOA_X
ClientSampled :
MW-13DL

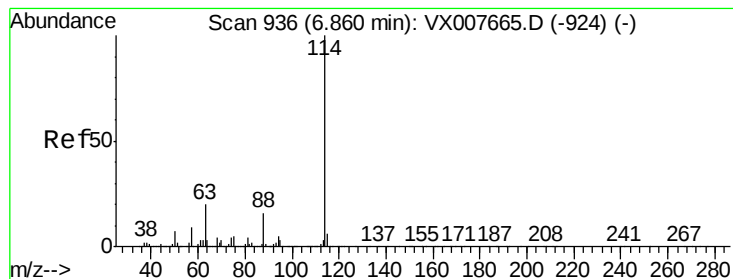
Tot Ion: 56 Resp: 4913
Ion Ratio Lower Upper
56 100
69 194.0 23.0 34.6#
84 167.1 69.8 104.6#



#33
1,2-Dichloroethane-d4
Concen: 44.267 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007838.D
Acq: 05 Mar 2019 15:41

Tgt Ion: 65 Resp: 173196
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007838.D

Acq: 05 Mar 2019 15:41

Instrument :

MSVOA_X

ClientSampled :

MW-13DL

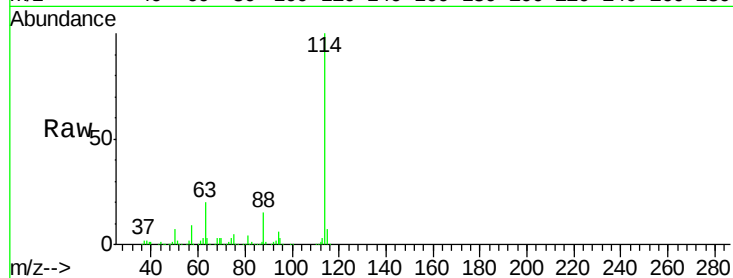
Tot Ion:114 Resp: 487404

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.6

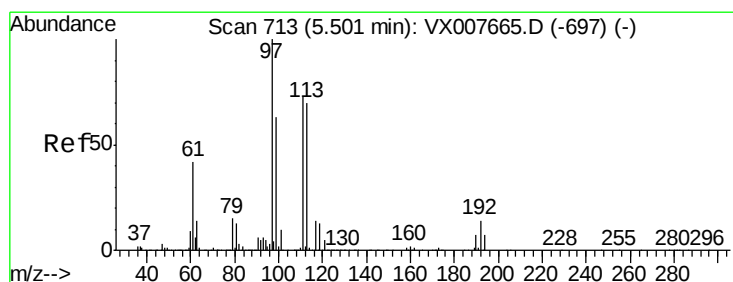
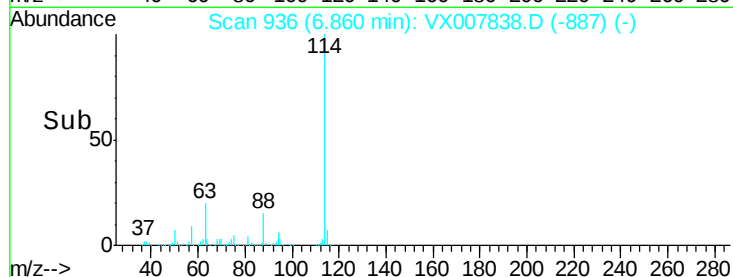
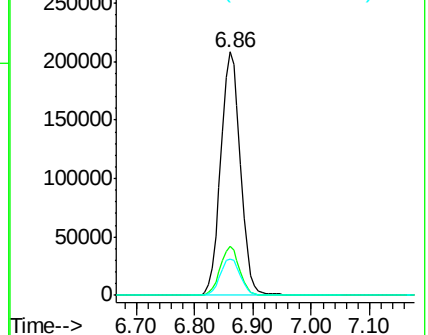
88 15.1 0.0 29.6



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: 49.344 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007838.D

Acq: 05 Mar 2019 15:41

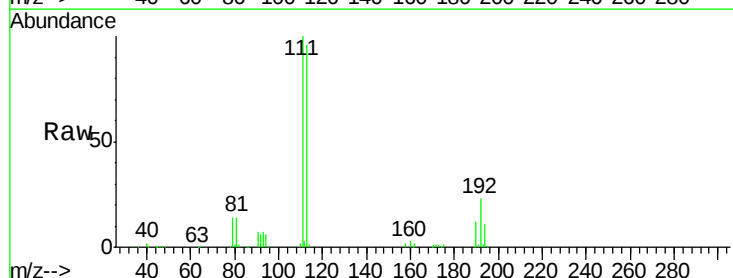
Tgt Ion:113 Resp: 160769

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

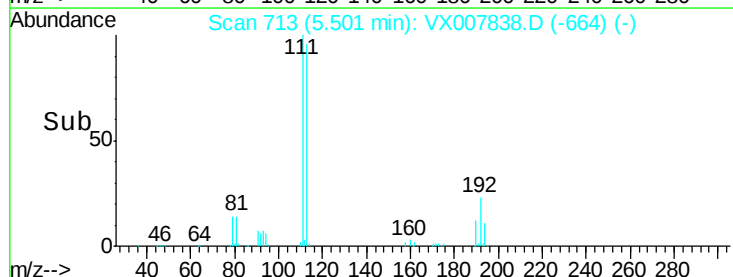
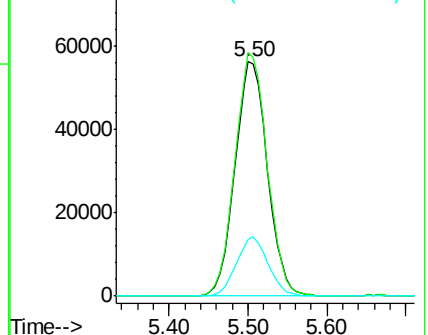
192 24.6 18.5 27.7

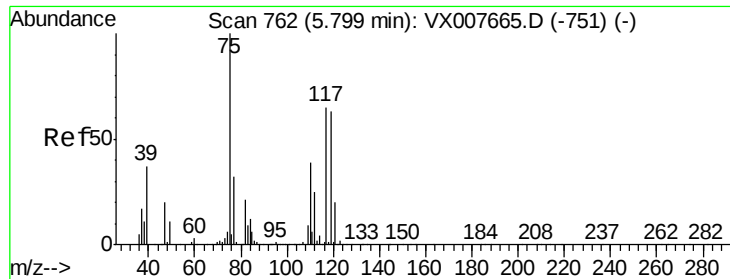


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

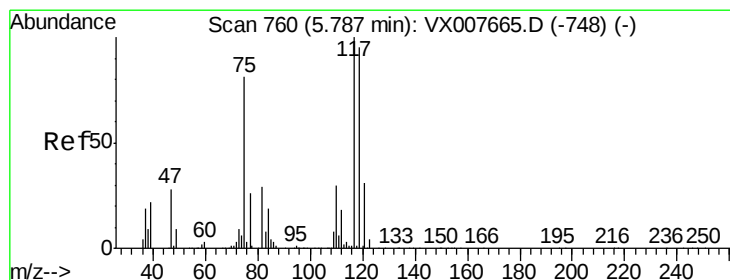
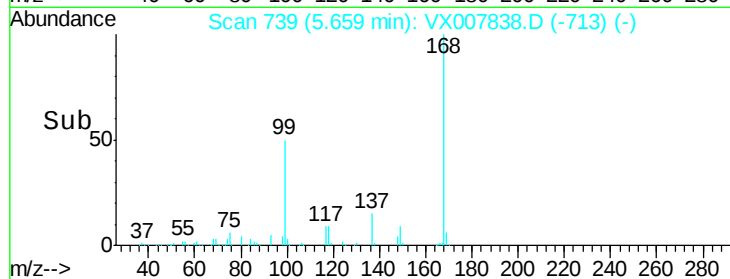
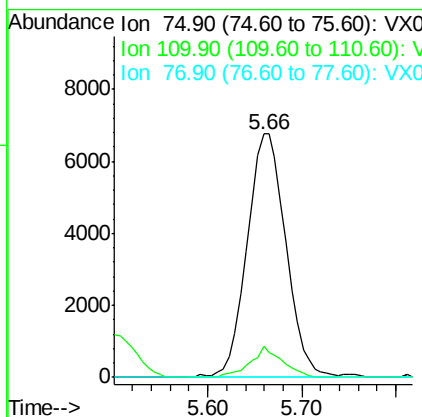
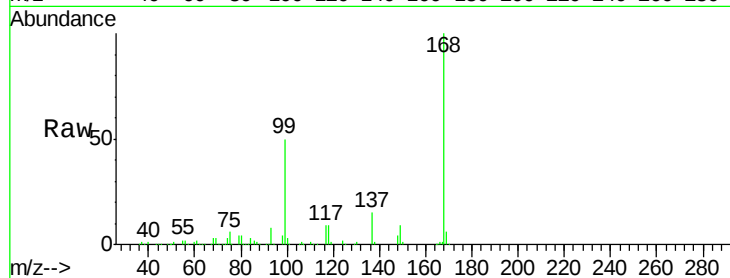




#36
 1,1-Dichloropropene
 Concen: 4.464 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX007838.D
 Acq: 05 Mar 2019 15:41

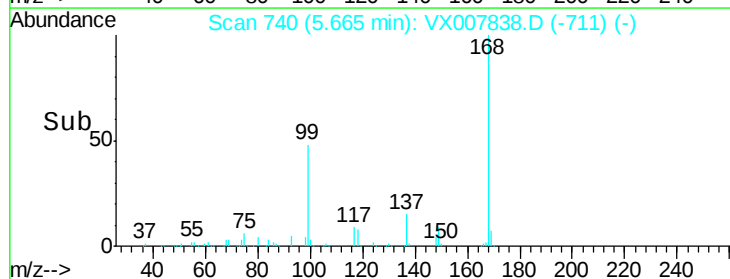
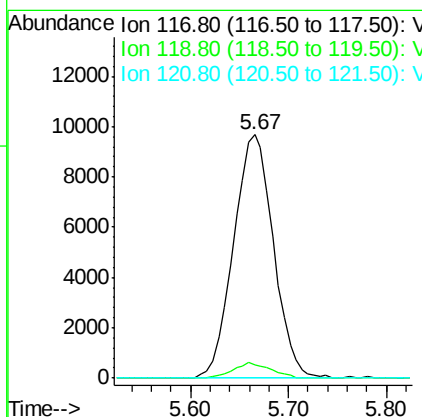
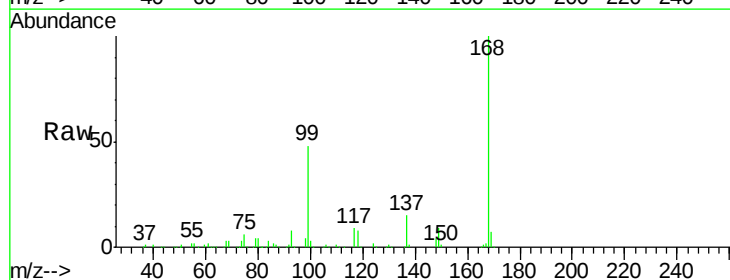
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13DL

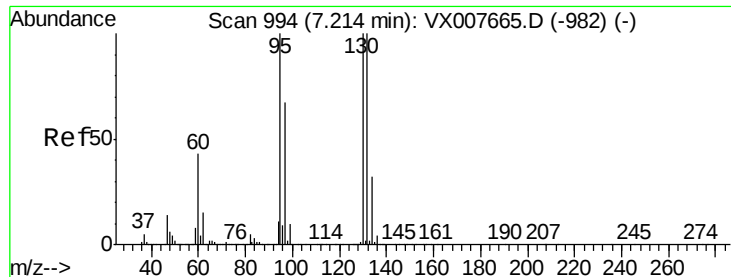
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.4	20.0	59.9#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.199 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX007838.D
 Acq: 05 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.3	112.9#
121	0.0	25.0	37.4#





#44

Trichloroethene

Concen: 7.173 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007838.D

Acq: 05 Mar 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

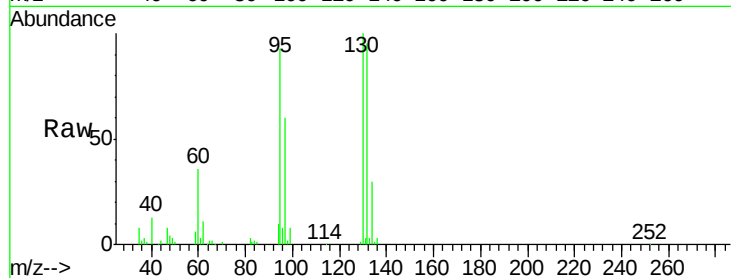
MW-13DL

Tot Ion:130 Resp: 26690

Ion Ratio Lower Upper

130 100

95 93.2 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

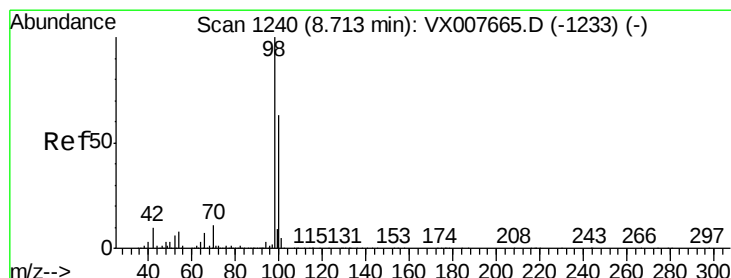
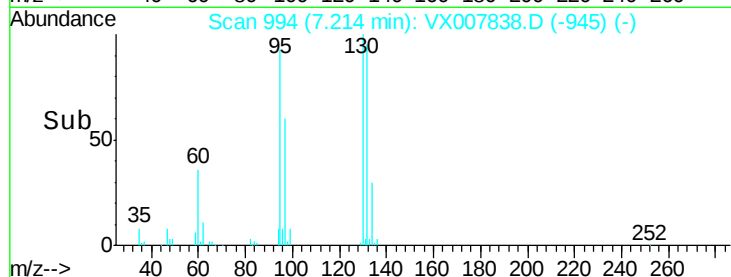
15000

10000

5000

0

Time--> 7.10 7.20 7.30



#50

Toluene-d8

Concen: 47.167 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007838.D

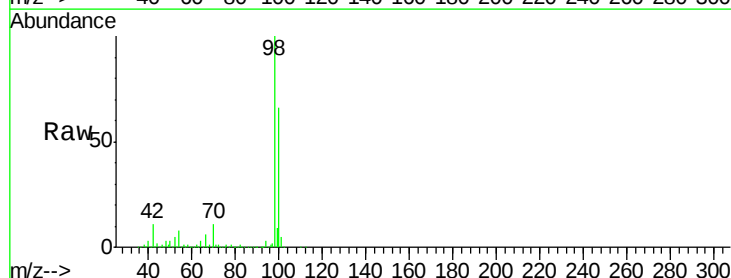
Acq: 05 Mar 2019 15:41

Tgt Ion: 98 Resp: 588331

Ion Ratio Lower Upper

98 100

100 65.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

400000

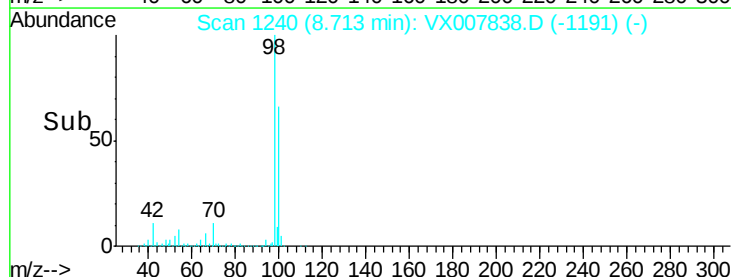
300000

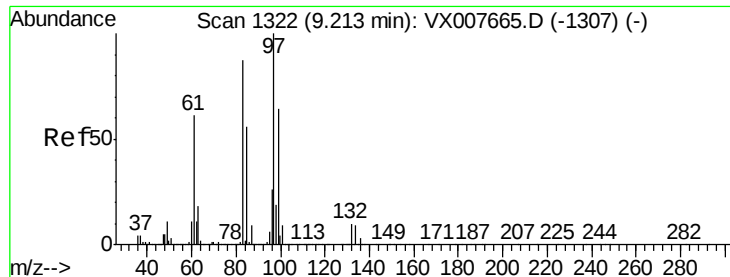
200000

100000

0

Time--> 8.60 8.70 8.80 8.90





#55

1,1,2-Trichloroethane

Concen: 0.425 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. 0.12 min

Lab File: VX007838.D

Acq: 05 Mar 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

MW-13DL

Tot Ion: 97 Resp: 1511

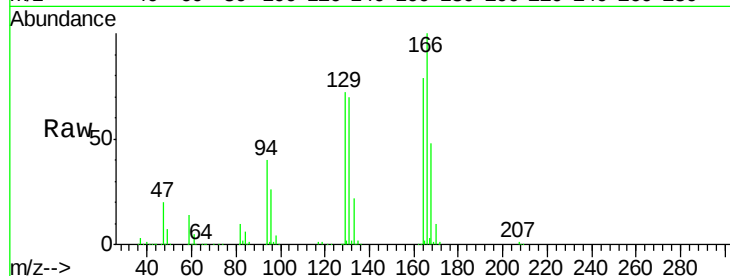
Ion Ratio Lower Upper

97 100

83 287.8 68.6 102.8#

85 39.8 44.5 66.7#

99 22.4 52.2 78.4#

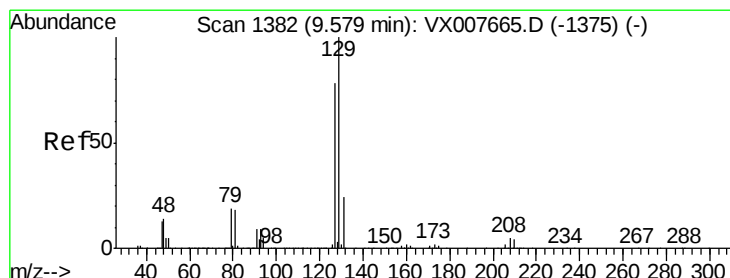
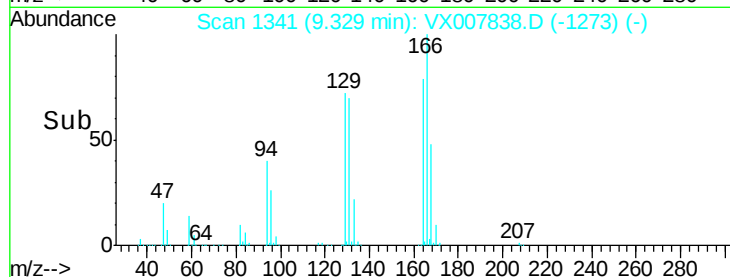
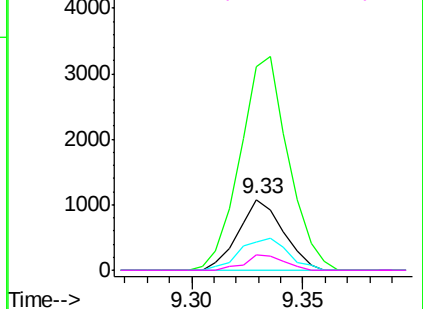


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#60

Dibromochloromethane

Concen: 58.267 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX007838.D

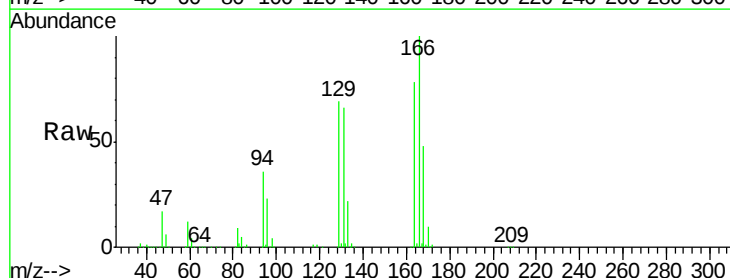
Acq: 05 Mar 2019 15:41

Tgt Ion: 129 Resp: 199426

Ion Ratio Lower Upper

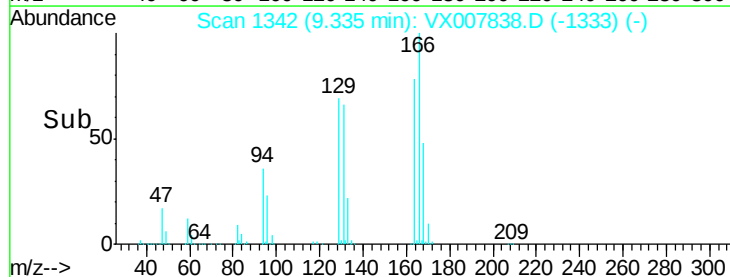
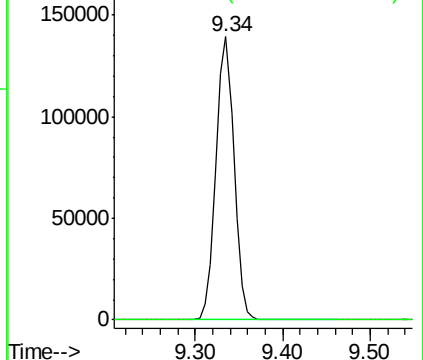
129 100

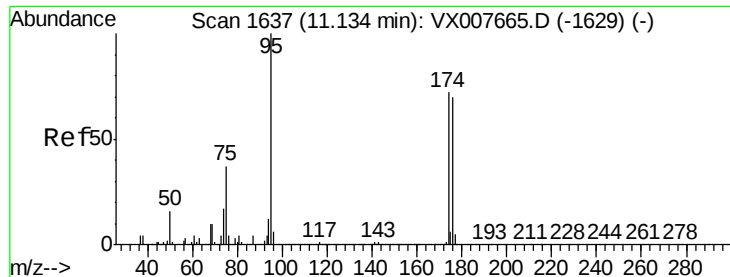
127 0.0 37.8 113.4#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

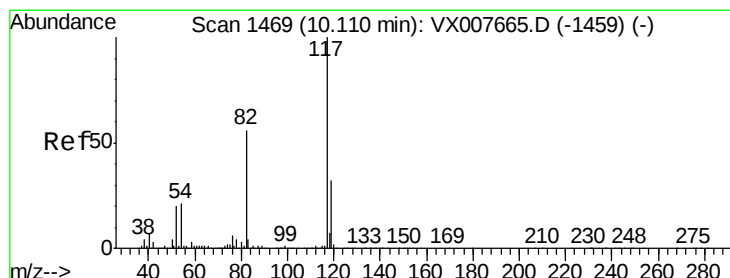
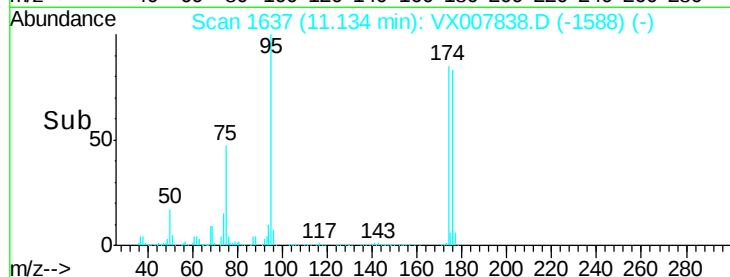
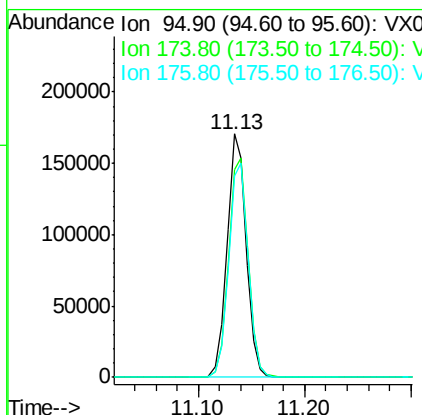
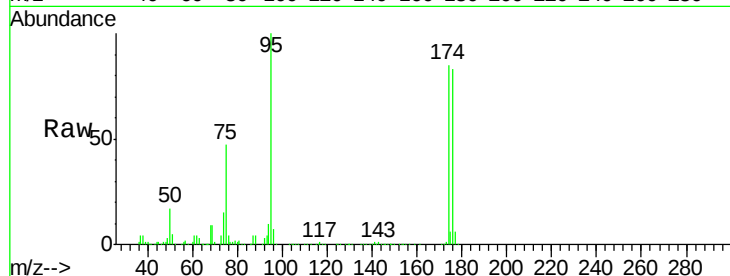




#62
4-Bromofluorobenzene
Concen: 46.875 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007838.D
Acq: 05 Mar 2019 15:41

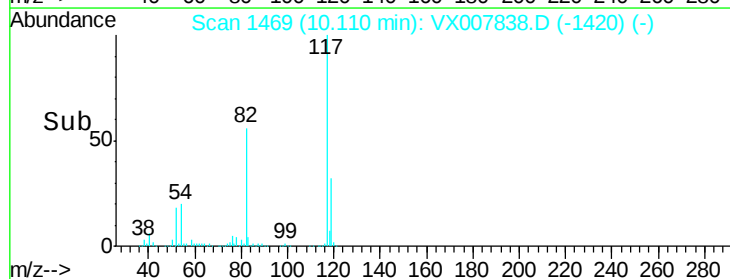
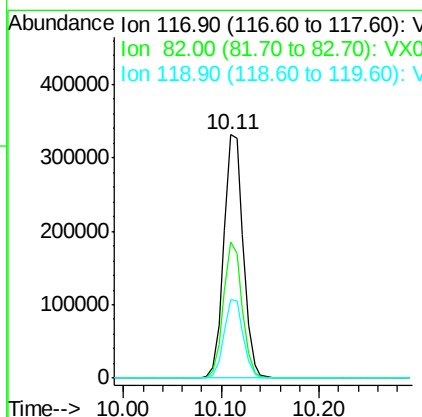
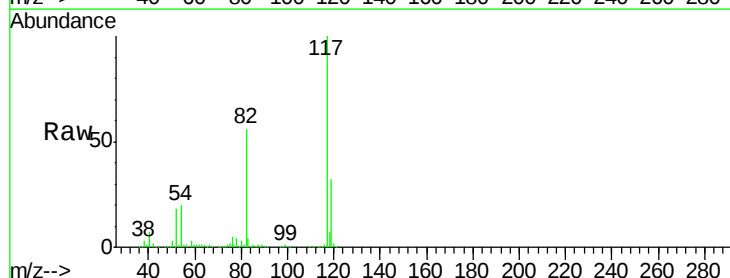
Instrument :
MSVOA_X
ClientSampleId :
MW-13DL

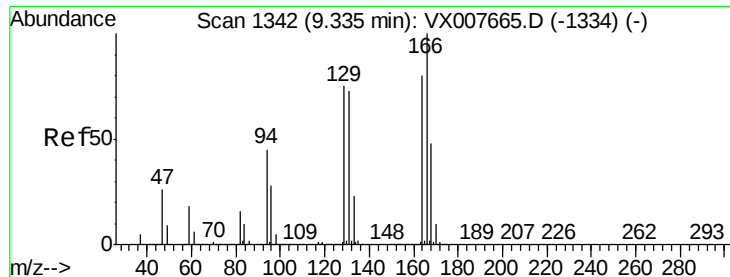
Tot Ion: 95 Resp: 214601
Ion Ratio Lower Upper
95 100
174 92.8 0.0 189.2
176 90.1 0.0 186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007838.D
Acq: 05 Mar 2019 15:41

Tgt Ion: 117 Resp: 455748
Ion Ratio Lower Upper
117 100
82 56.1 42.1 63.1
119 32.4 26.5 39.7





#64

Tetrachloroethene

Concen: 60.863 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007838.D

Acq: 05 Mar 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

MW-13DL

Tot Ion:164 Resp: 225182

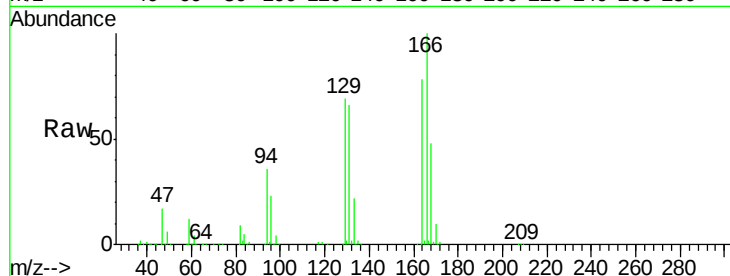
Ion Ratio Lower Upper

164 100

166 128.1 101.0 151.4

129 88.6 70.5 105.7

131 85.0 69.8 104.6

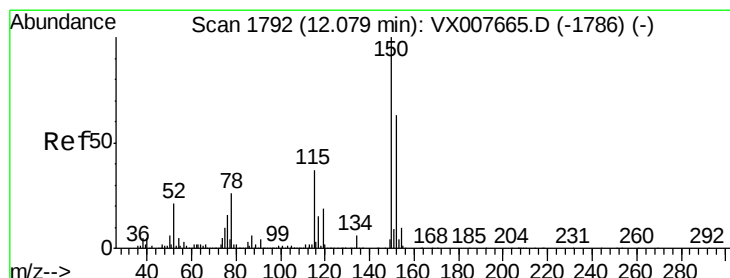
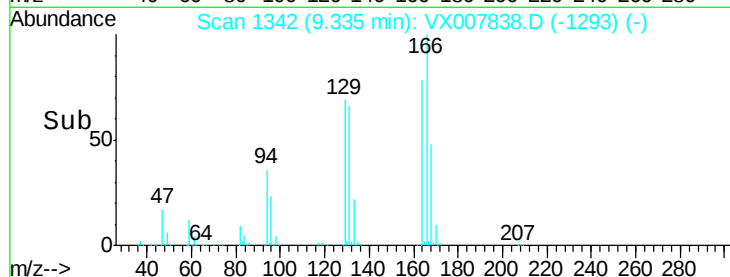
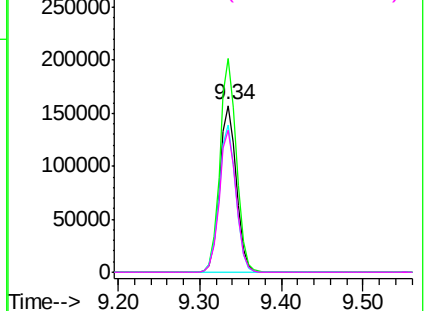


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX007838.D

Acq: 05 Mar 2019 15:41

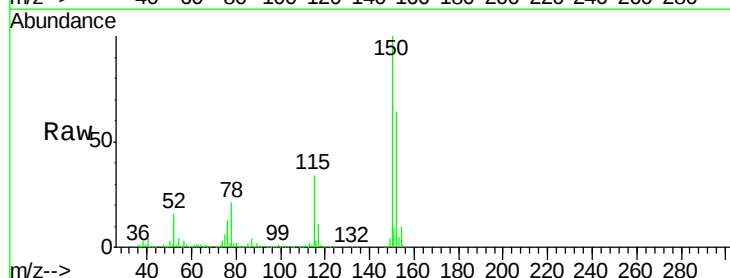
Tgt Ion:152 Resp: 221264

Ion Ratio Lower Upper

152 100

115 54.8 38.0 114.0

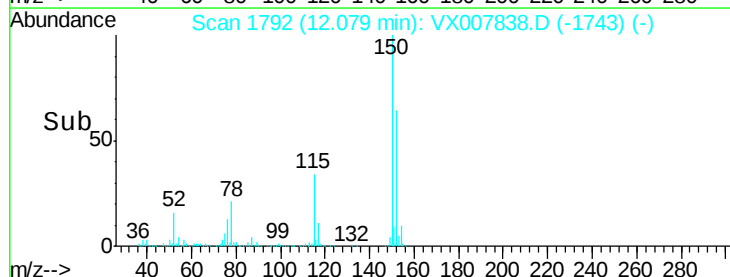
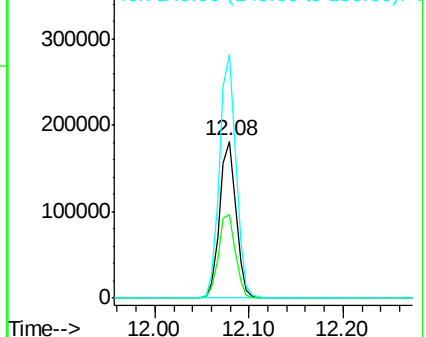
150 155.7 0.0 346.4

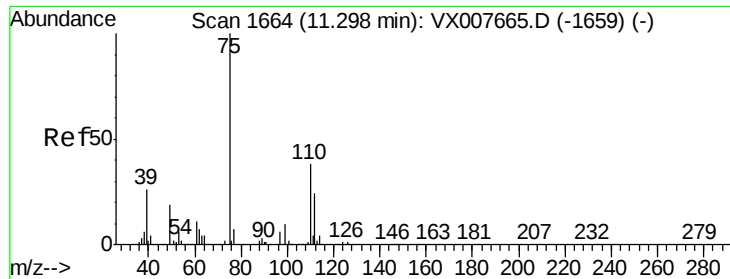


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

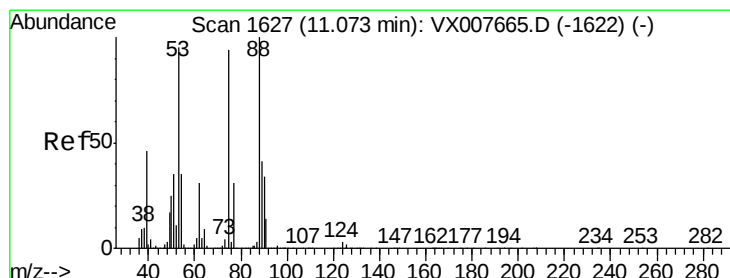
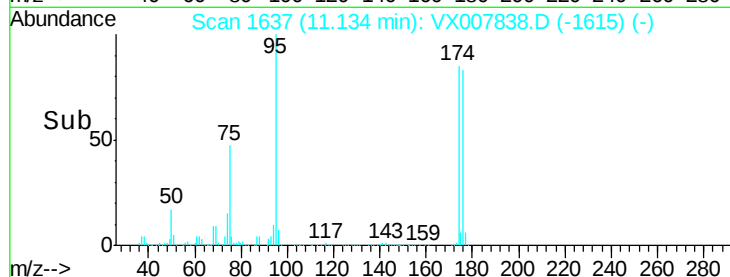
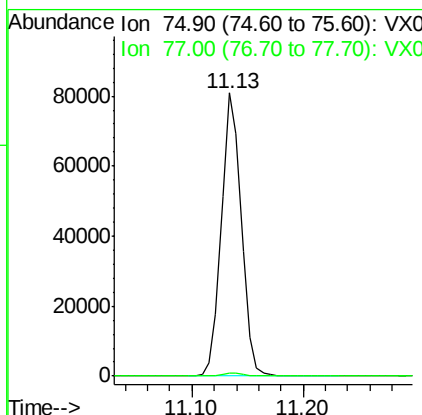
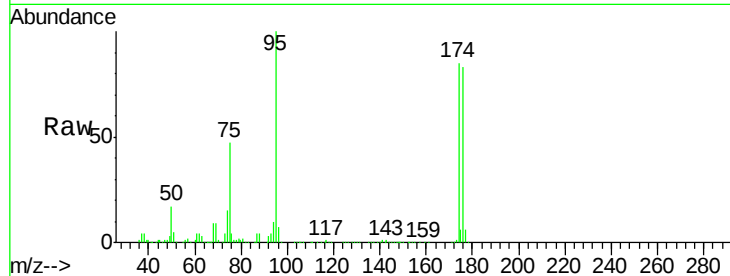




#76
 1,2,3-Trichloropropane
 Concen: 21.334 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007838.D
 Acq: 05 Mar 2019 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13DL

Tot Ion: 75 Resp: 100619
 Ion Ratio Lower Upper
 75 100
 77 1.2 23.0 69.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.738 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007838.D
 Acq: 05 Mar 2019 15:41

Tgt Ion: 75 Resp: 100619
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.0 121.6#
 89 0.0 41.4 62.0#

