

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100419\
 Data File : VX012818.D
 Acq On : 04 Oct 2019 17:45
 Operator : JC/SP
 Sample : K5189-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW02SR1-20191001

Quant Time: Oct 05 04:24:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	173934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102211	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118074	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
35) Dibromofluoromethane	5.48	113	91143	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	8.71	98	353571	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	11.14	95	124452	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	

Target Compounds					Qvalue
3) Chloromethane	1.32	50	2036	0.906 ug/l	99
6) Chloroethane	1.72	64	14903	9.899 ug/l	99
11) Tert butyl alcohol	3.03	59	1222	1.931 ug/l #	72
13) Acrolein	2.25	56	85	10.464 ug/l #	1
16) Acetone	2.43	43	8074	6.018 ug/l	100
17) Carbon Disulfide	2.57	76	1228	0.234 ug/l #	83
18) Methyl Acetate	2.83	43	3850	1.219 ug/l #	54
24) 1,1-Dichloroethane	3.69	63	20363	5.225 ug/l	98
31) Cyclohexane	5.57	56	1016	0.288 ug/l	91
36) 1,1-Dichloropropene	5.65	75	14258	4.950 ug/l #	52
38) Carbon Tetrachloride	5.65	117	18034	6.163 ug/l #	17
39) Methylcyclohexane	7.46	83	5905	1.703 ug/l #	88
43) Isopropyl Acetate	6.34	43	40325	7.160 ug/l #	62
47) Bromodichloromethane	8.05	83	1372	0.465 ug/l #	36
51) 4-Methyl-2-Pentanone	8.67	43	1130	0.325 ug/l #	38
55) 1,1,2-Trichloroethane	9.16	97	5102	2.409 ug/l #	18
56) Ethyl methacrylate	9.16	69	1010	0.284 ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.18	63	626	0.392 ug/l #	45
67) Ethyl Benzene	10.25	91	6960	0.719 ug/l	98
73) Isopropylbenzene	11.01	105	17061	2.049 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	772	0.280 ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	61642	22.799 ug/l #	38
78) n-propylbenzene	11.35	91	39013	4.163 ug/l	99
79) 2-Chlorotoluene	11.35	91	39013	6.673 ug/l #	42
80) 1,3,5-Trimethylbenzene	11.35	105	1522	0.218 ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.13	75	61642	65.336 ug/l #	8
82) 4-Chlorotoluene	11.35	91	39013	5.854 ug/l #	46
83) tert-Butylbenzene	11.76	119	4910	0.729 ug/l	95
84) 1,2,4-Trimethylbenzene	11.94	105	32400	4.601 ug/l #	32
85) sec-Butylbenzene	11.94	105	32400	4.137 ug/l	83
86) p-Isopropyltoluene	12.23	119	12612	1.785 ug/l	93
89) n-Butylbenzene	12.39	91	20064	3.222 ug/l #	76
90) Hexachloroethane	12.67	117	9587	7.609 ug/l #	17
91) 1,2-Dichlorobenzene	12.39	146	1120	0.330 ug/l	92

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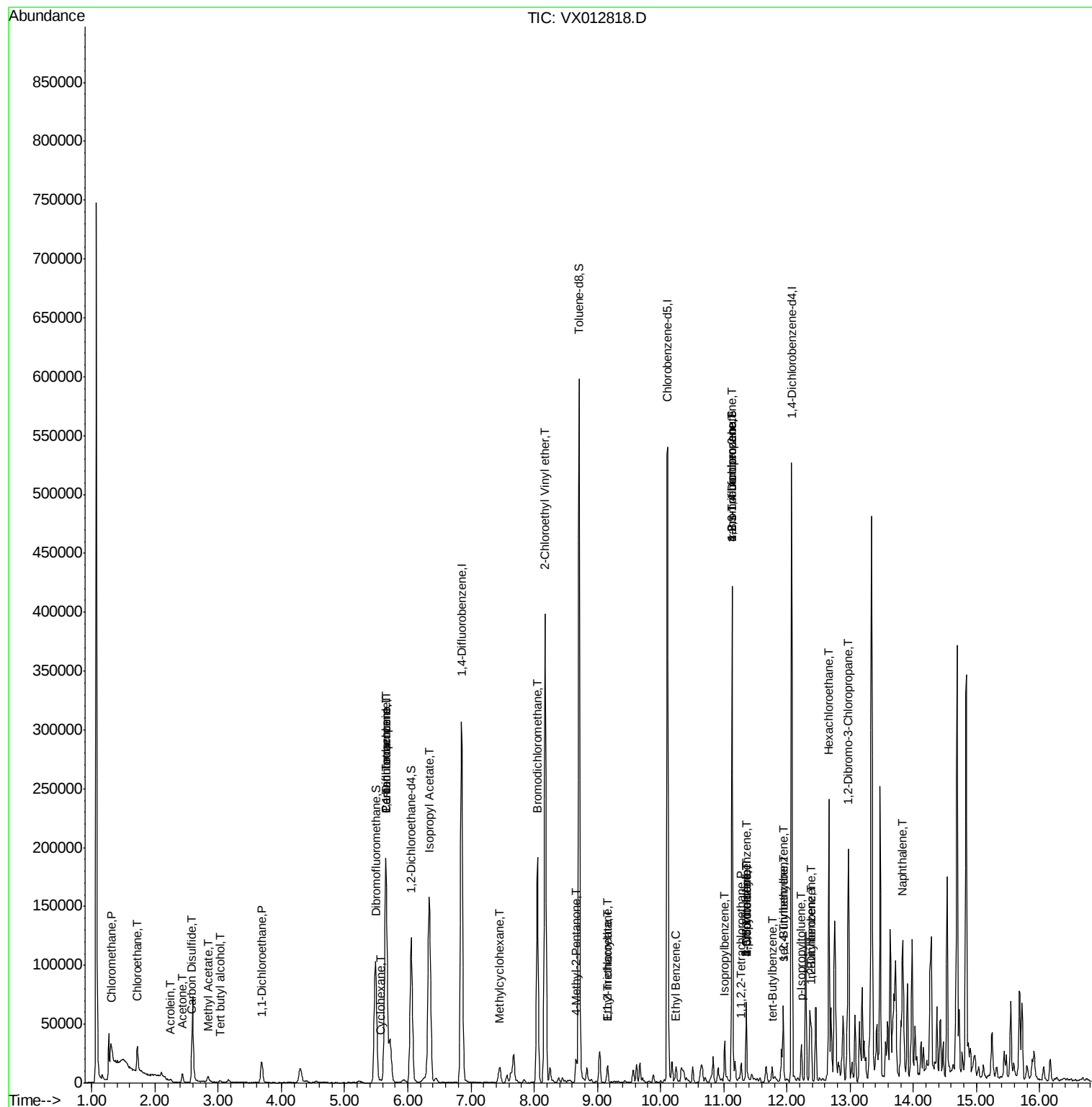
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	12.97	75	759	1.101	ug/l #	4
95) Naphthalene	13.83	128	67100	8.959	ug/l #	93

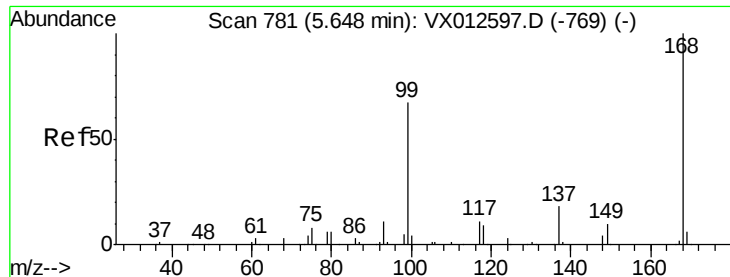
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

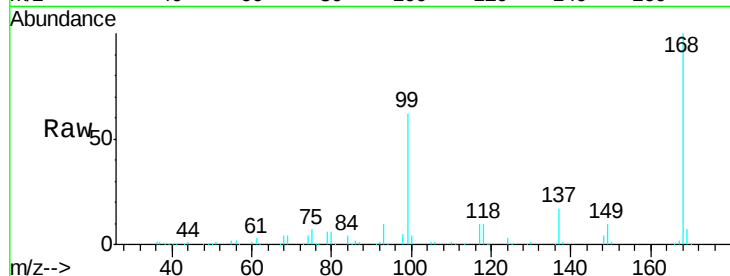
FC-MW02SR1-20191001

Tgt Ion:168 Resp: 173934

Ion Ratio Lower Upper

168 100

99 62.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

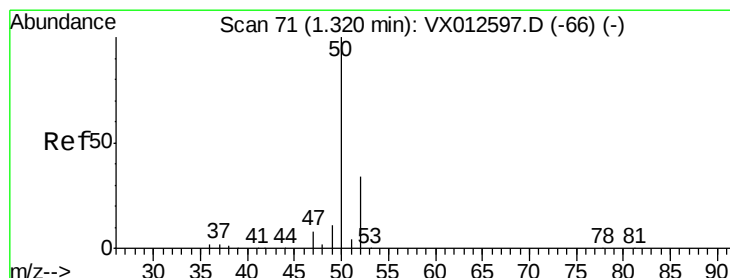
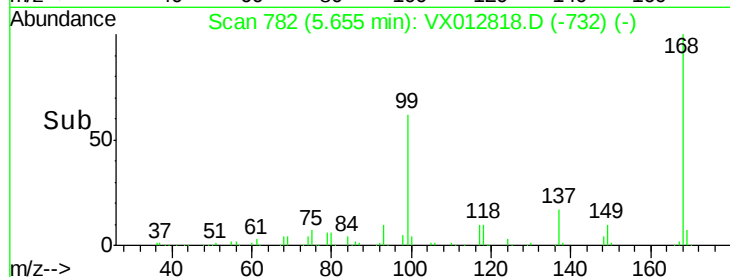
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.906 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012818.D

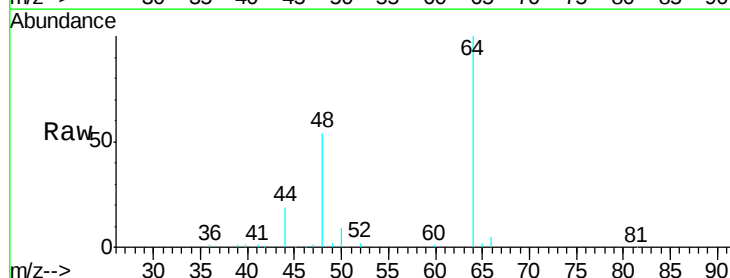
Acq: 04 Oct 2019 17:45

Tgt Ion: 50 Resp: 2036

Ion Ratio Lower Upper

50 100

52 31.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

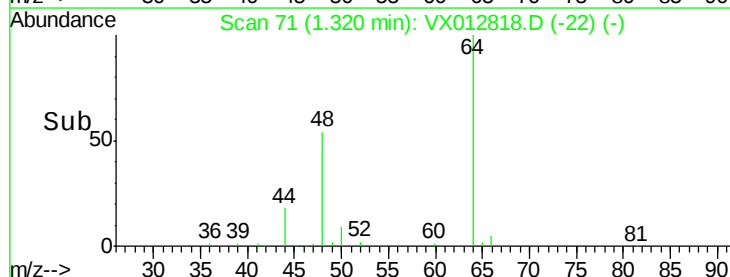
1500

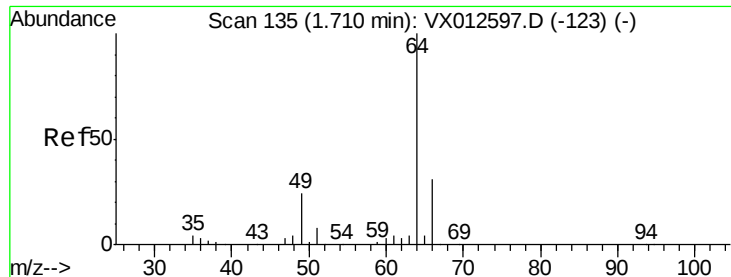
1000

500

0

Time--> 1.25 1.30 1.35





#6

Chloroethane

Concen: 9.899 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

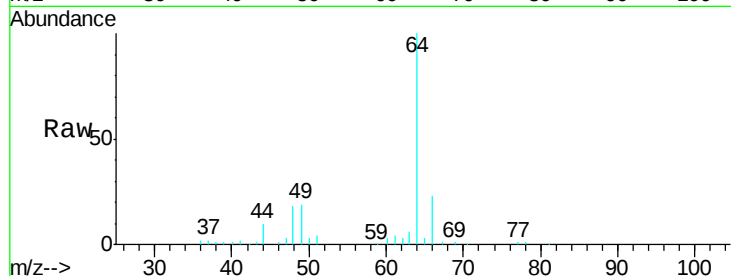
FC-MW02SR1-20191001

Tgt Ion: 64 Resp: 14903

Ion Ratio Lower Upper

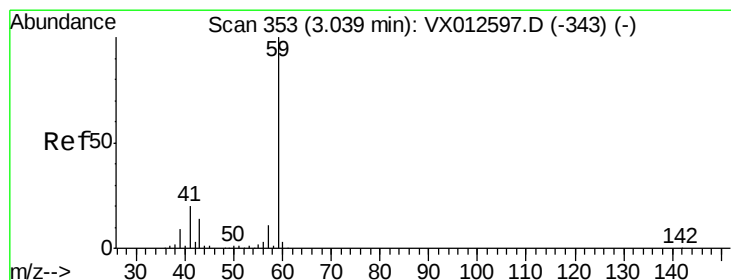
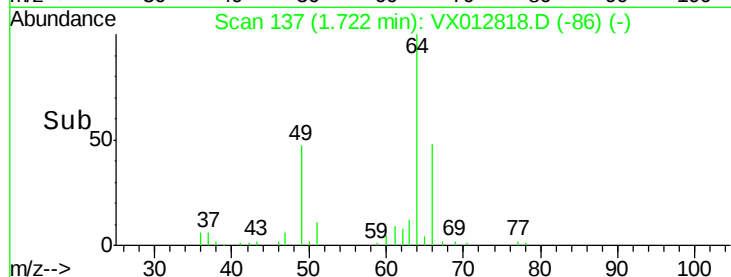
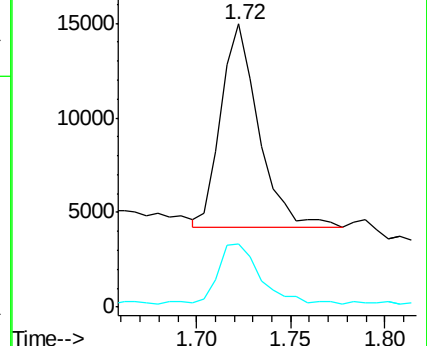
64 100

66 29.7 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 1.931 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX012818.D

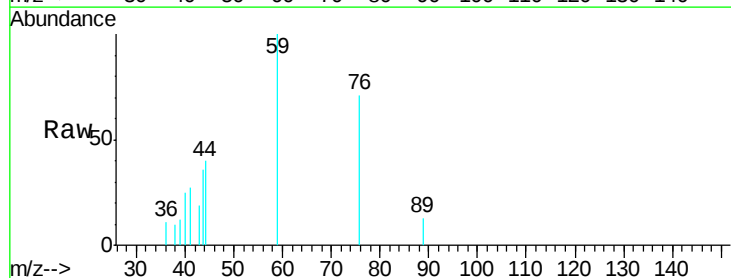
Acq: 04 Oct 2019 17:45

Tgt Ion: 59 Resp: 1222

Ion Ratio Lower Upper

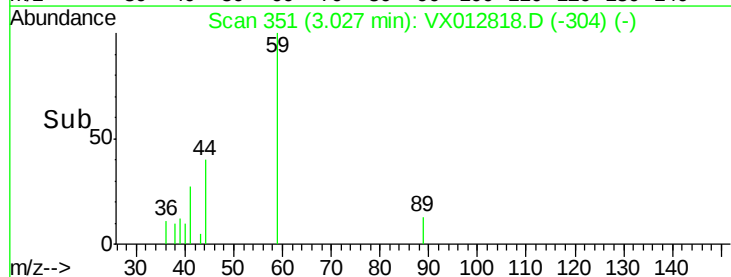
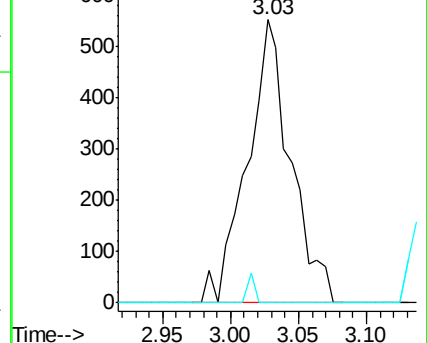
59 100

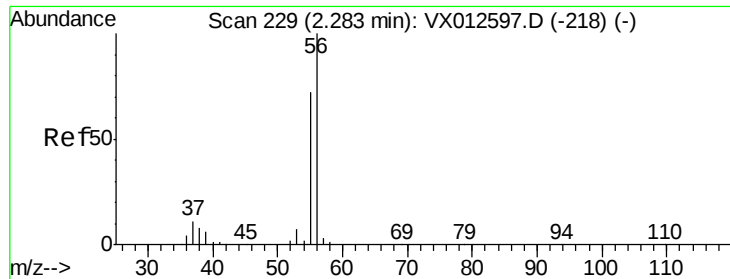
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 10.464 ug/l

RT: 2.25 min Scan# 223

Delta R.T. -0.04 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

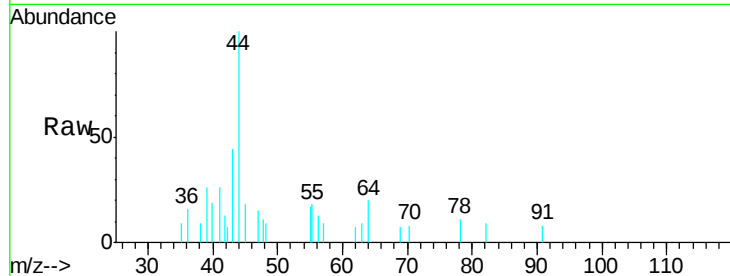
FC-MW02SR1-20191001

Tgt Ion: 56 Resp: 85

Ion Ratio Lower Upper

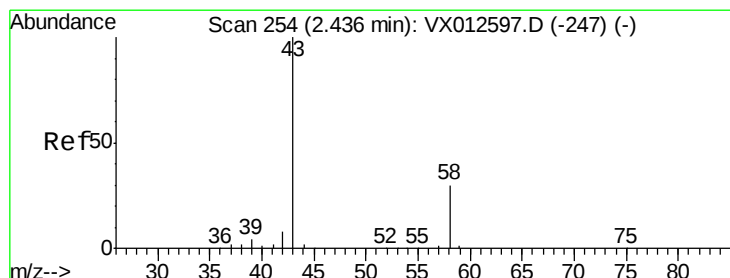
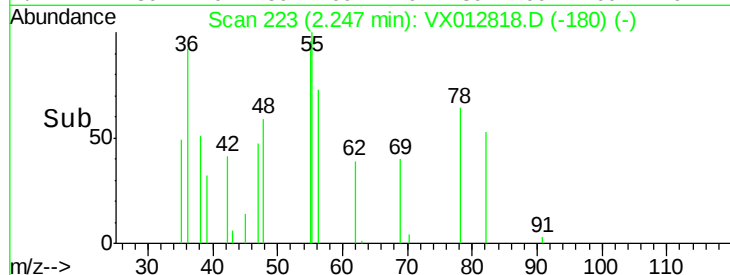
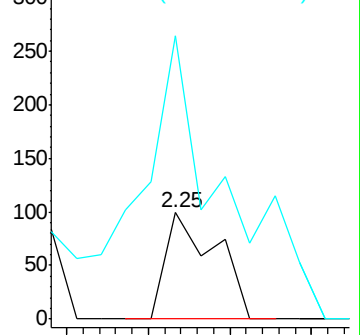
56 100

55 502.4 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 6.018 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012818.D

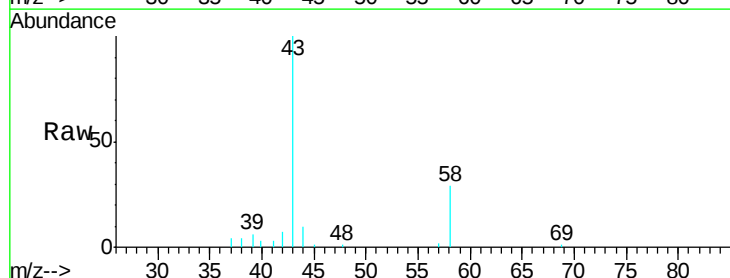
Acq: 04 Oct 2019 17:45

Tgt Ion: 43 Resp: 8074

Ion Ratio Lower Upper

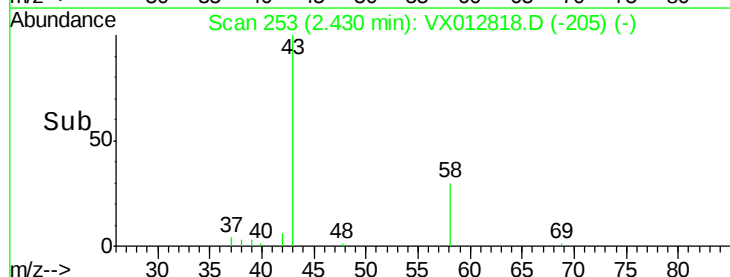
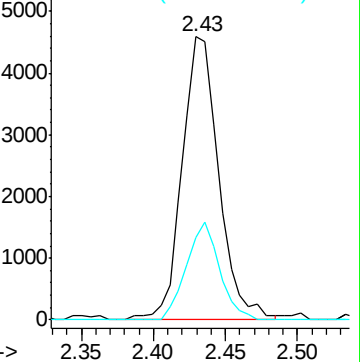
43 100

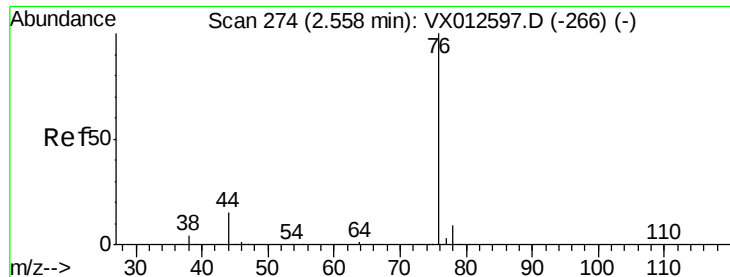
58 29.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

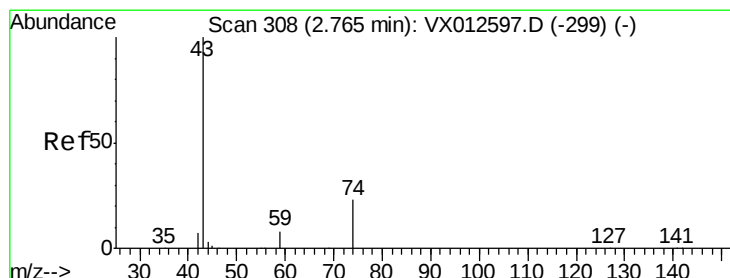
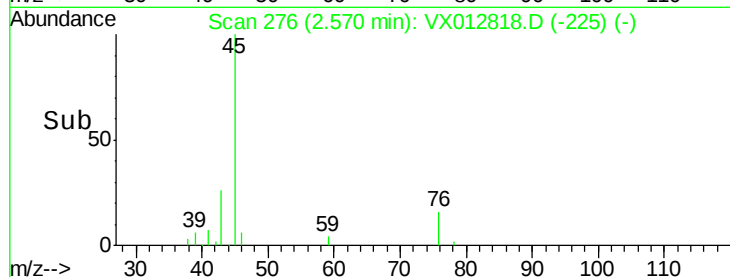
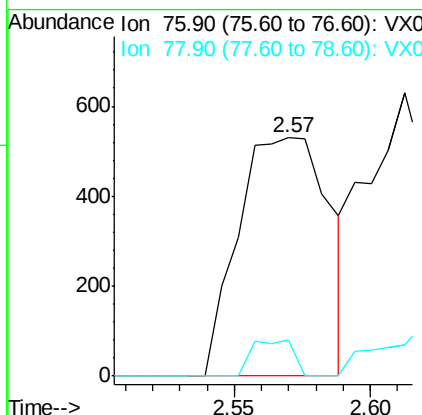
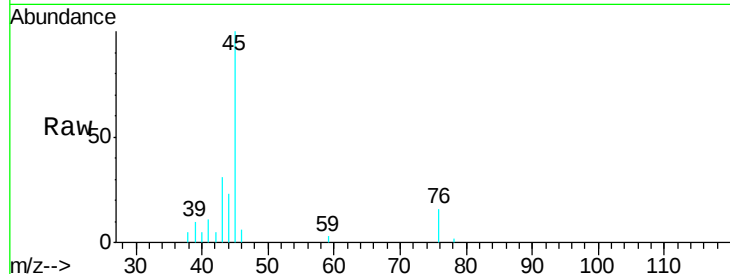




#17
Carbon Disulfide
Concen: 0.234 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX012818.D
Acq: 04 Oct 2019 17:45

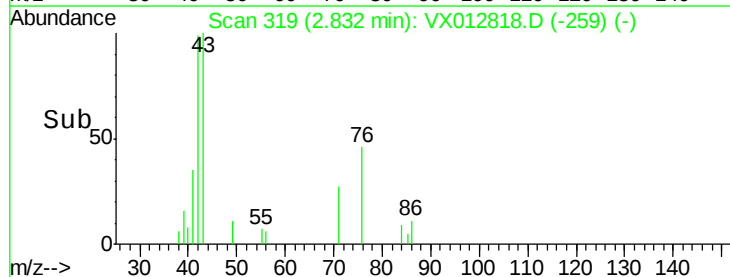
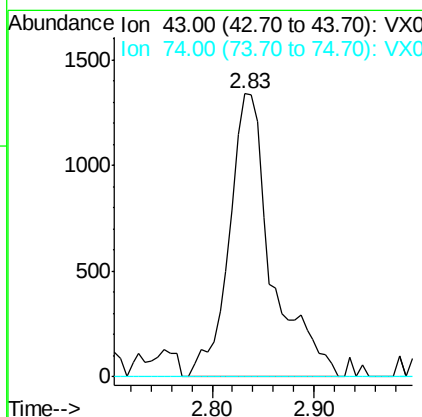
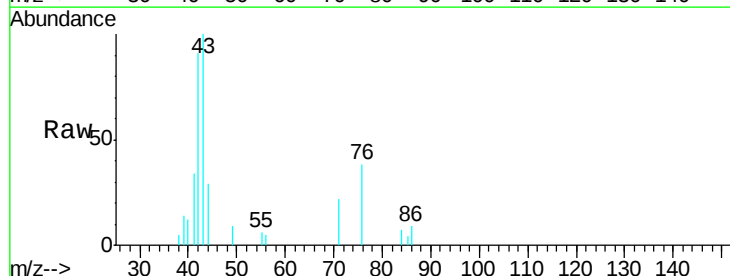
Instrument :
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FC-MW02SR1-20191001

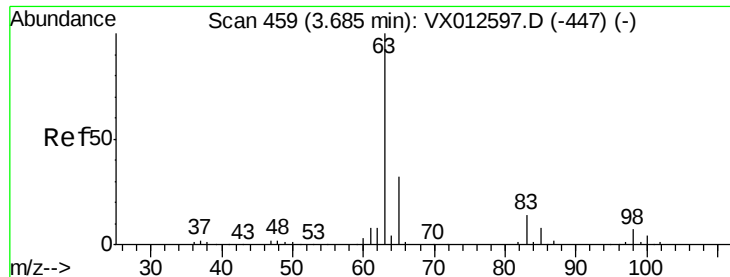
Tgt Ion: 76 Resp: 1228
Ion Ratio Lower Upper
76 100
78 15.3 7.3 10.9#



#18
Methyl Acetate
Concen: 1.219 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.07 min
Lab File: VX012818.D
Acq: 04 Oct 2019 17:45

Tgt Ion: 43 Resp: 3850
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#





#24

1,1-Dichloroethane

Concen: 5.225 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

FC-MW02SR1-20191001

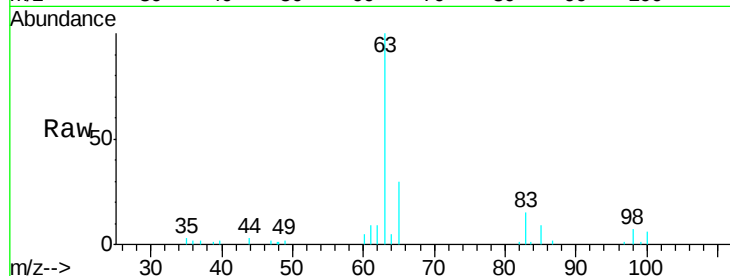
Tgt Ion: 63 Resp: 20363

Ion Ratio Lower Upper

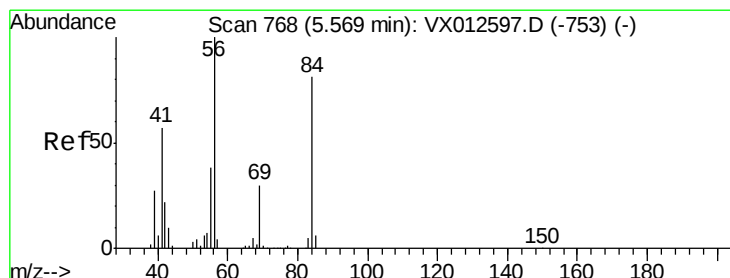
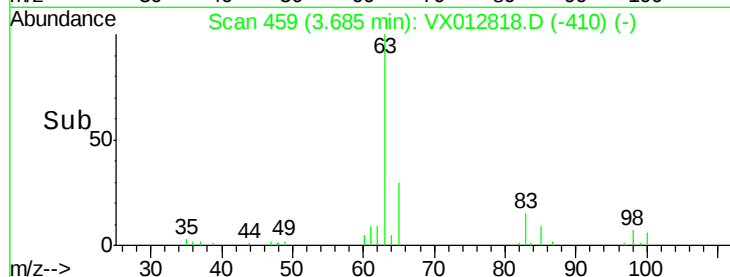
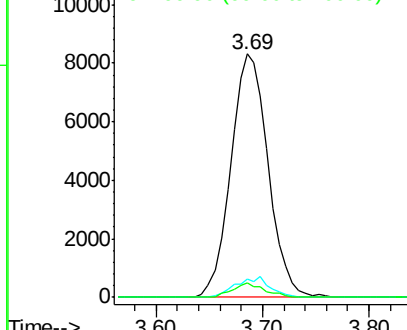
63 100

98 7.3 3.9 11.7

100 5.8 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#31

Cyclohexane

Concen: 0.288 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

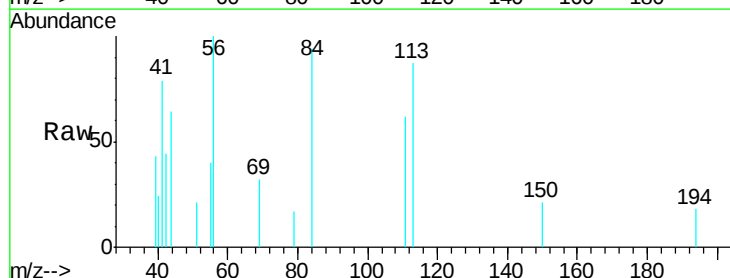
Tgt Ion: 56 Resp: 1016

Ion Ratio Lower Upper

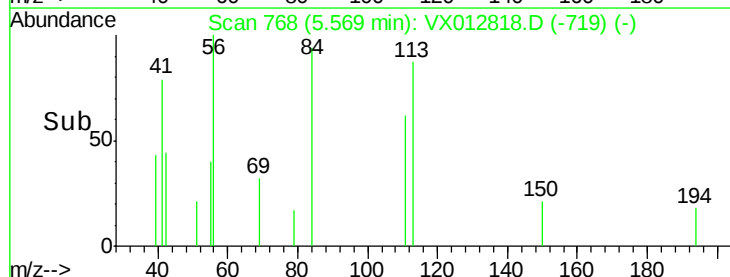
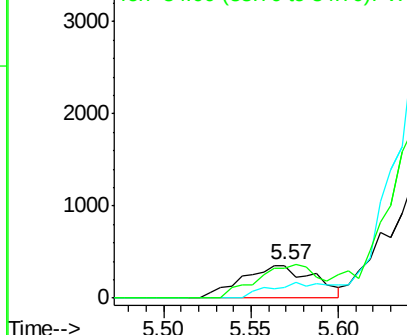
56 100

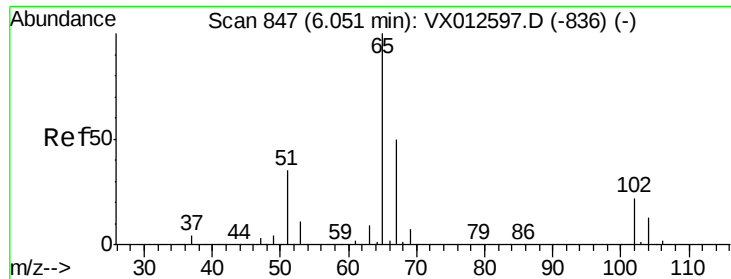
69 32.4 25.0 37.6

84 94.0 66.4 99.6



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: 46.618 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

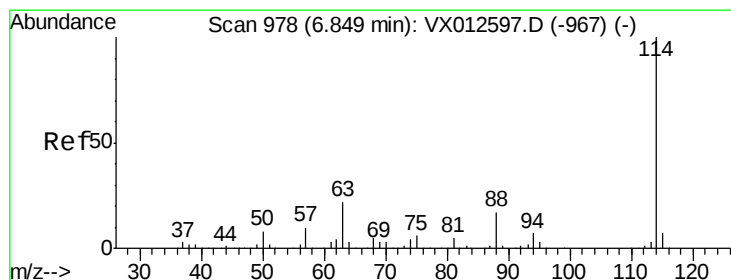
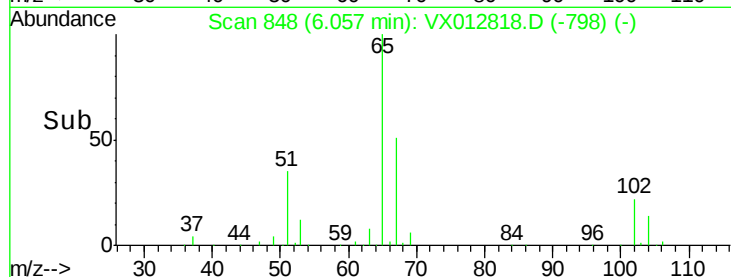
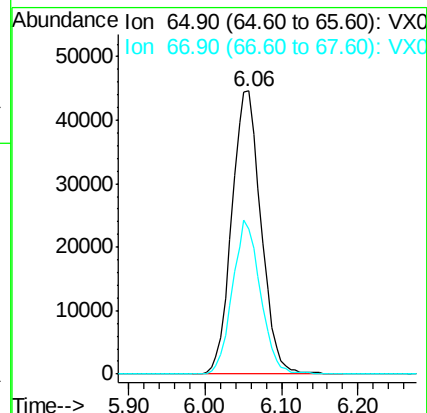
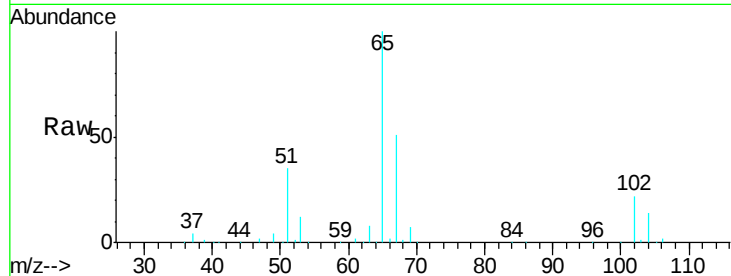
FC-MW02SR1-20191001

Tgt Ion: 65 Resp: 118074

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

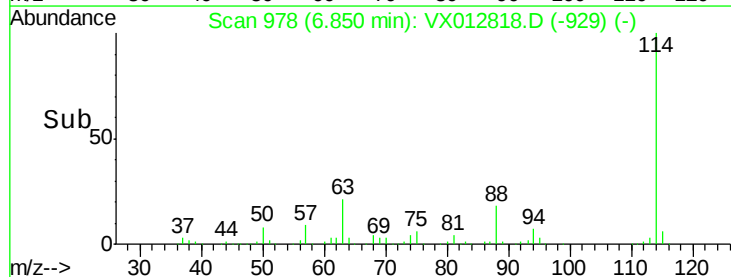
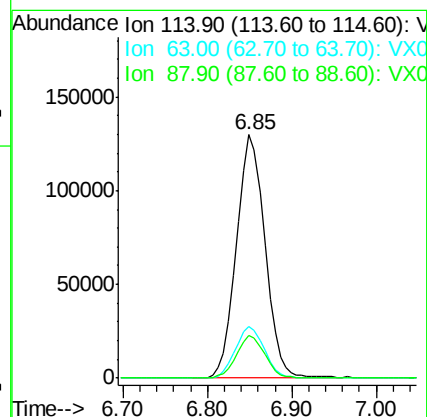
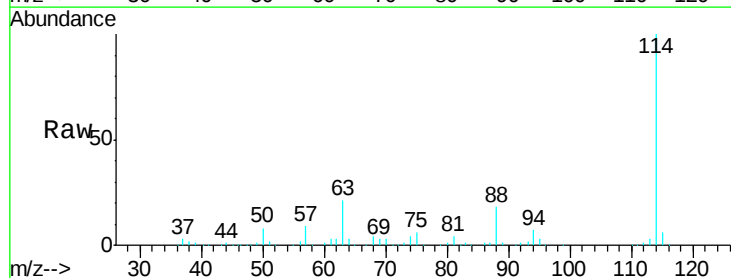
Tgt Ion: 114 Resp: 298855

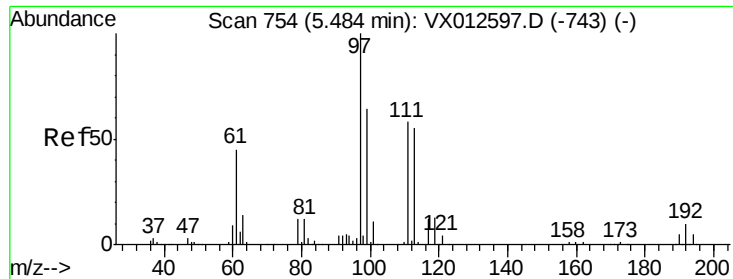
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

88 17.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.209 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

FC-MW02SR1-20191001

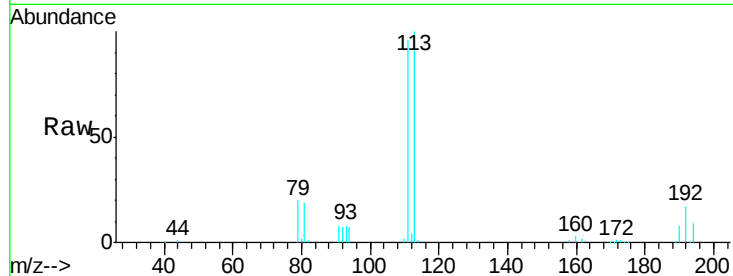
Tgt Ion:113 Resp: 91143

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

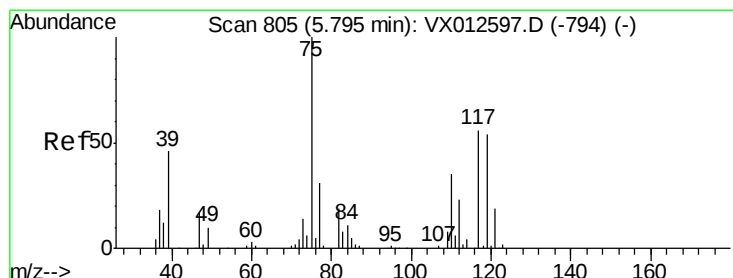
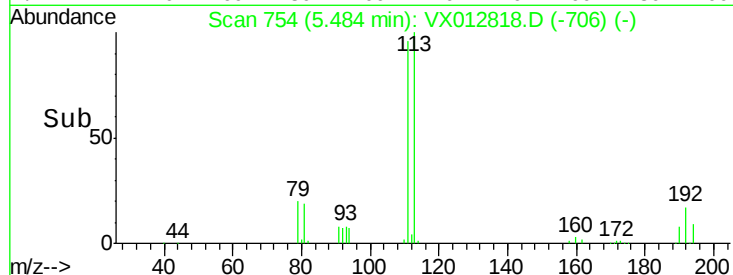
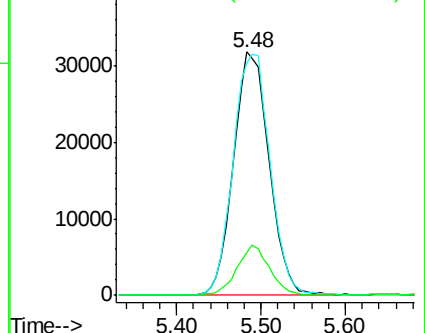
192 18.8 14.4 21.6



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: 4.950 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

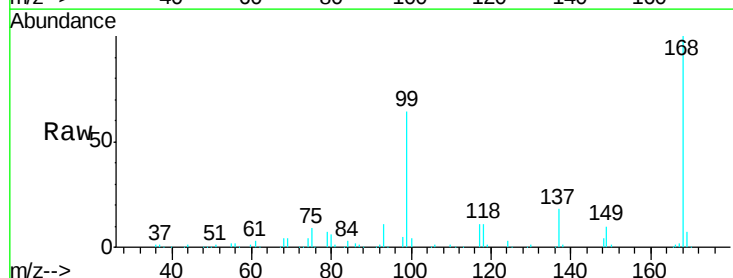
Tgt Ion: 75 Resp: 14258

Ion Ratio Lower Upper

75 100

110 9.4 16.7 50.0#

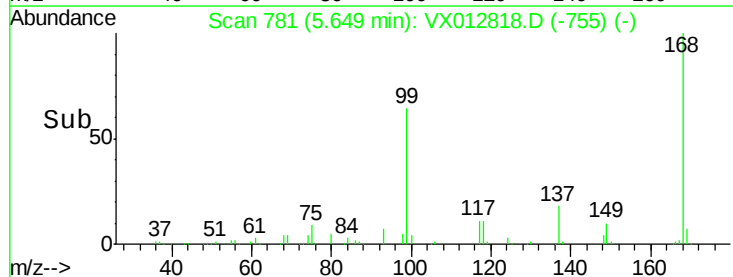
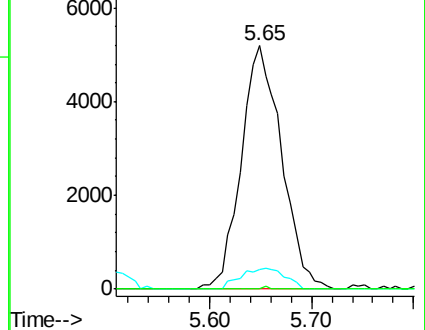
77 0.2 24.2 36.2#

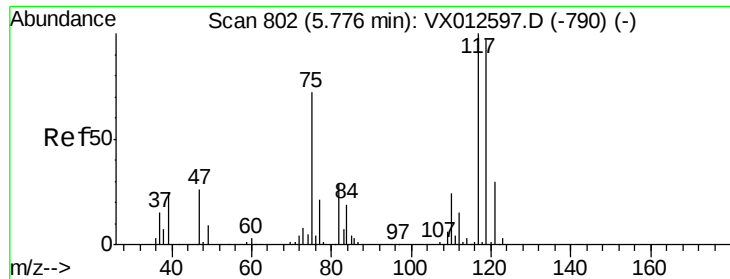


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.163 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

FC-MW02SR1-20191001

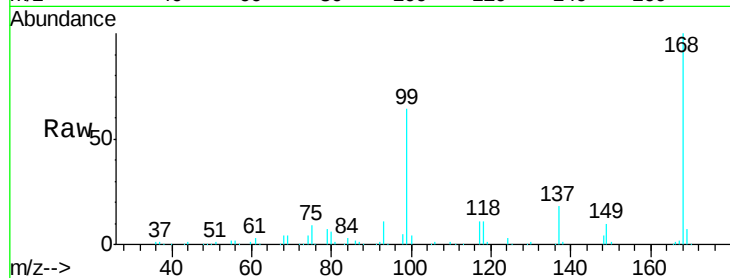
Tgt Ion:117 Resp: 18034

Ion Ratio Lower Upper

117 100

119 5.1 75.7 113.5#

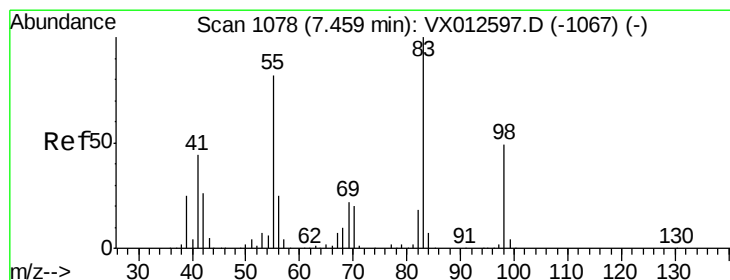
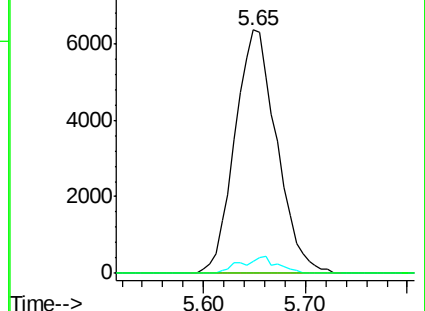
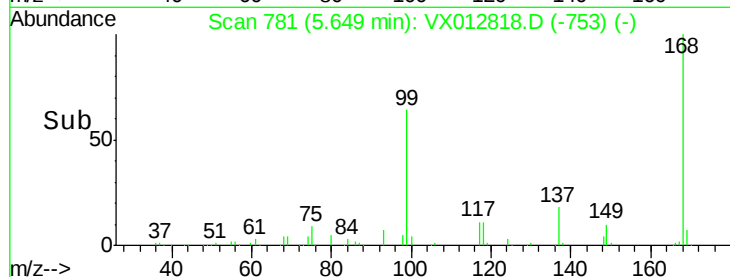
121 0.0 24.2 36.4#



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



#39

Methylcyclohexane

Concen: 1.703 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

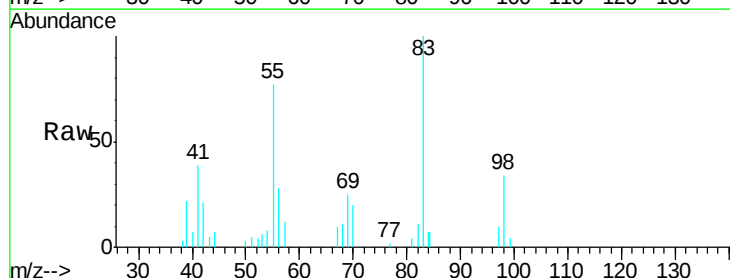
Tgt Ion: 83 Resp: 5905

Ion Ratio Lower Upper

83 100

55 76.7 64.4 96.6

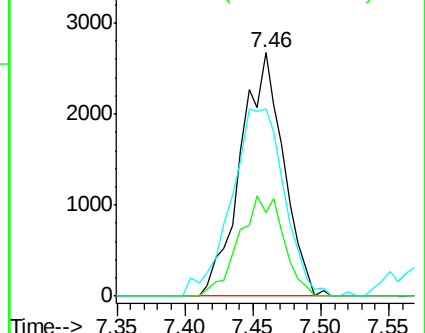
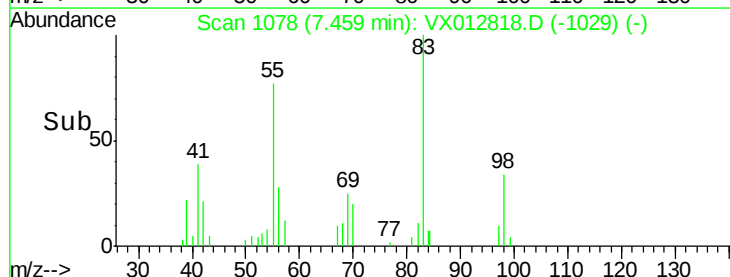
98 34.2 40.1 60.1#

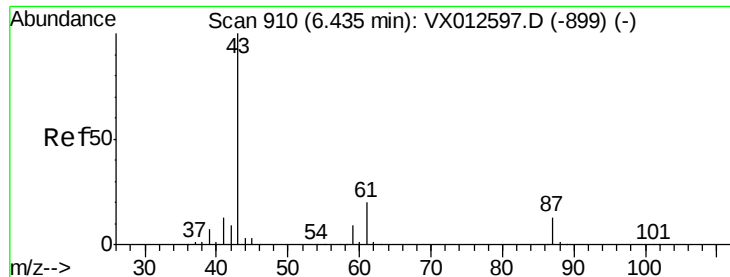


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 7.160 ug/l

RT: 6.34 min Scan# 894

Delta R.T. -0.10 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

FC-MW02SR1-20191001

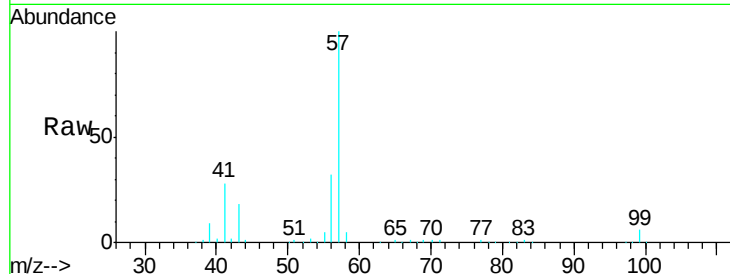
Tgt Ion: 43 Resp: 40325

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

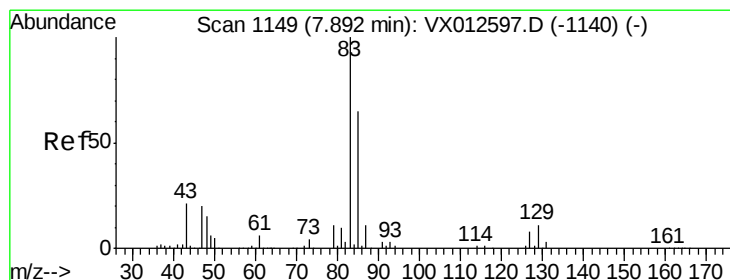
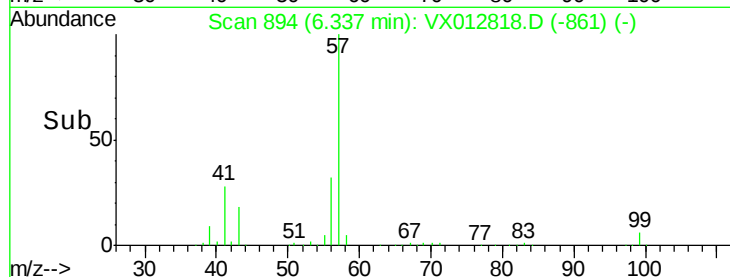
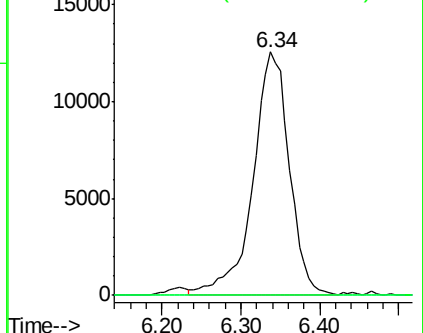
87 0.0 9.8 14.8#



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



#47

Bromodichloromethane

Concen: 0.465 ug/l

RT: 8.05 min Scan# 1175

Delta R.T. 0.16 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

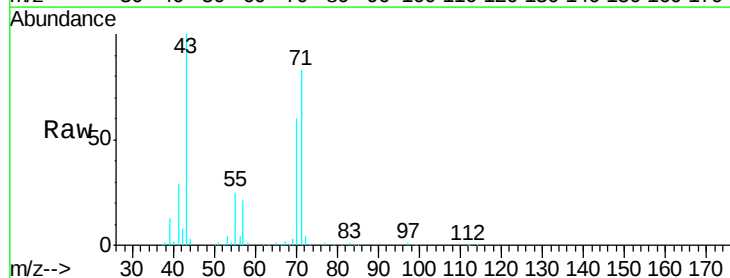
Tgt Ion: 83 Resp: 1372

Ion Ratio Lower Upper

83 100

85 9.8 51.8 77.6#

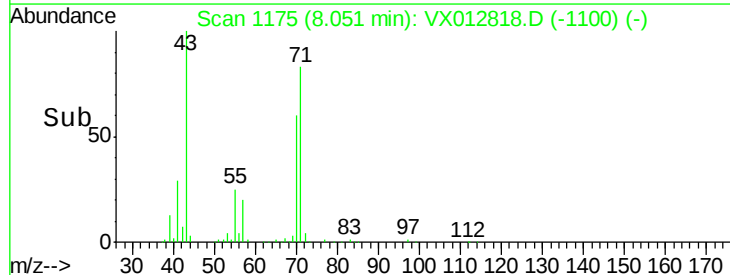
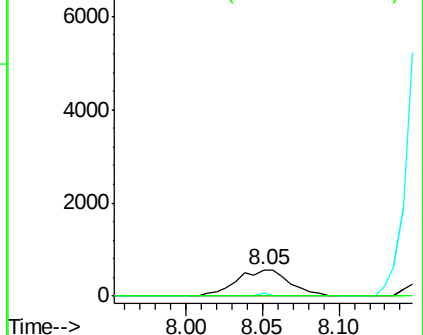
127 0.0 7.3 10.9#

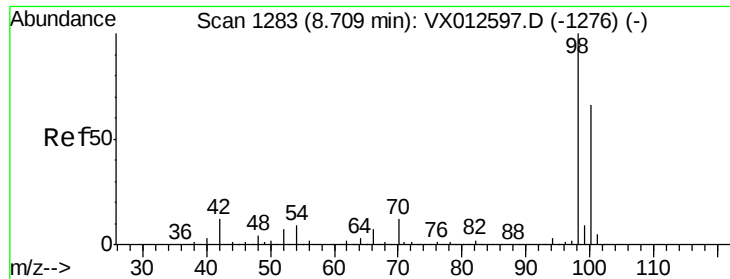


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 51.585 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

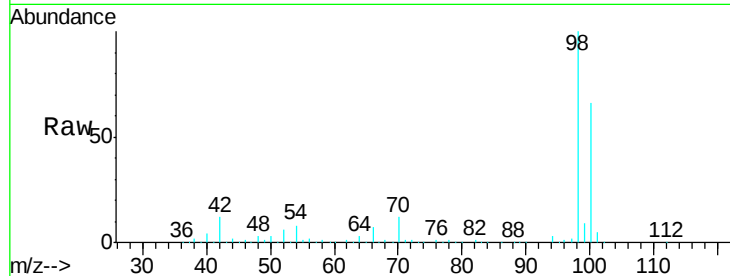
FC-MW02SR1-20191001

Tgt Ion: 98 Resp: 353571

Ion Ratio Lower Upper

98 100

100 66.5 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

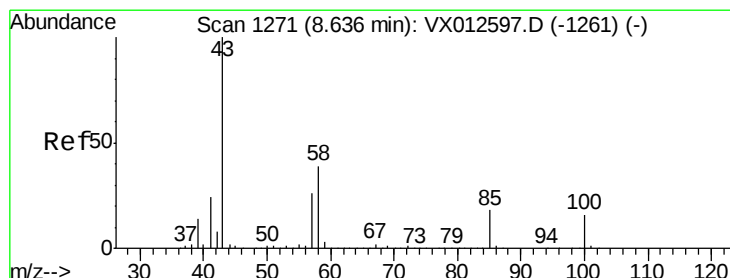
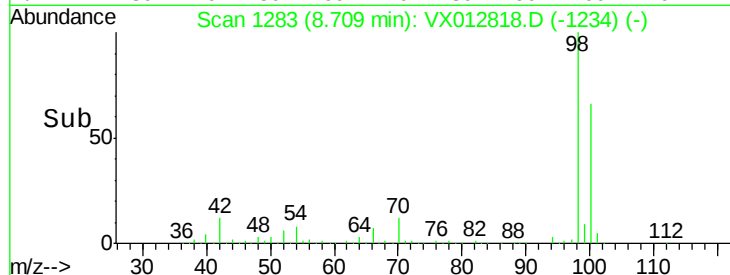
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.325 ug/l

RT: 8.67 min Scan# 1277

Delta R.T. 0.04 min

Lab File: VX012818.D

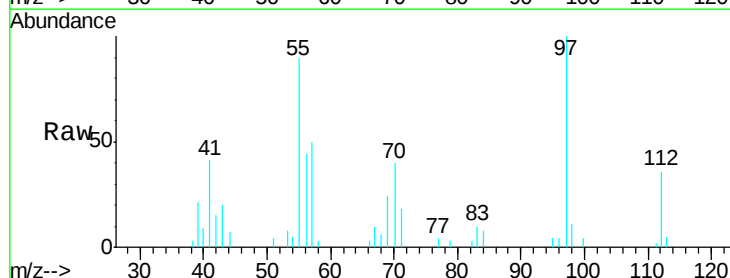
Acq: 04 Oct 2019 17:45

Tgt Ion: 43 Resp: 1130

Ion Ratio Lower Upper

43 100

58 0.0 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

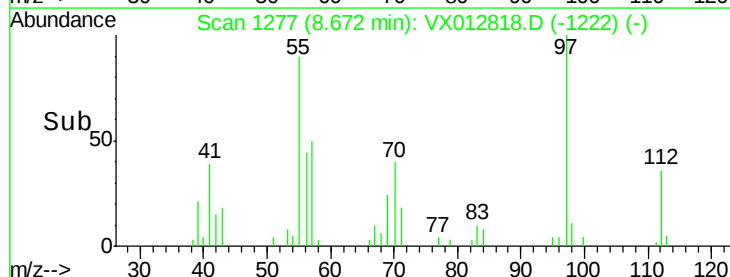
1500

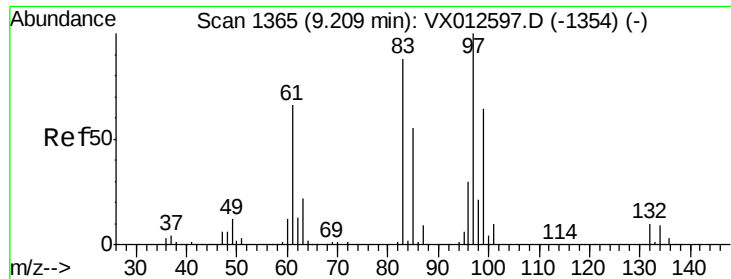
1000

500

0

Time-->

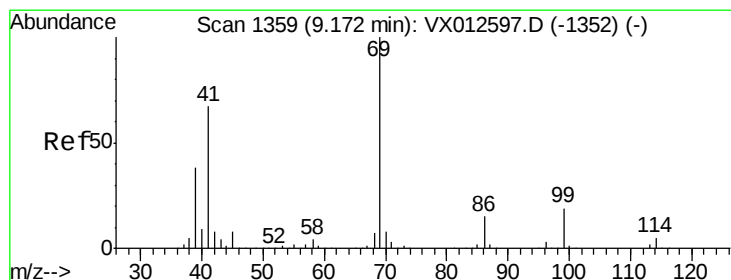
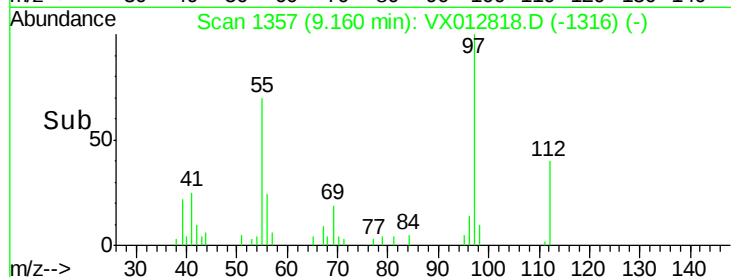
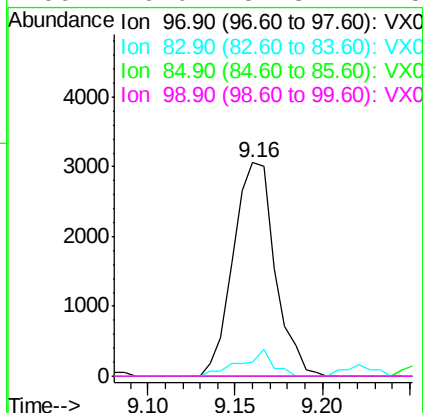
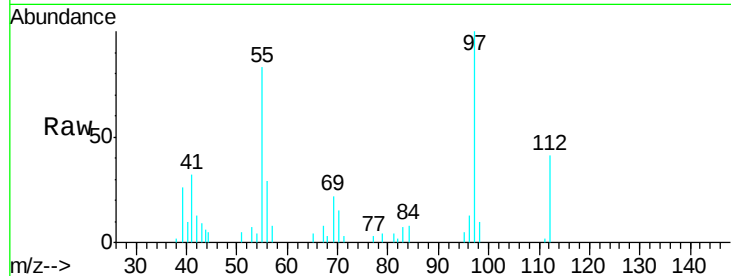




#55
 1,1,2-Trichloroethane
 Concen: 2.409 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX012818.D
 Acq: 04 Oct 2019 17:45

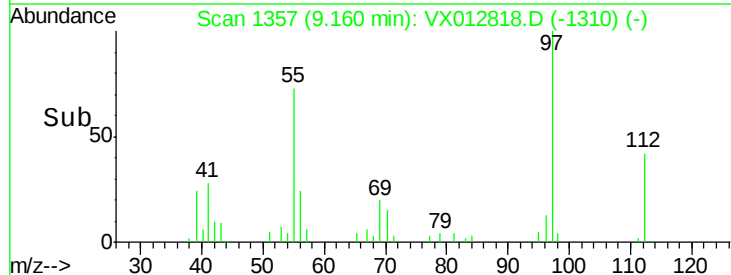
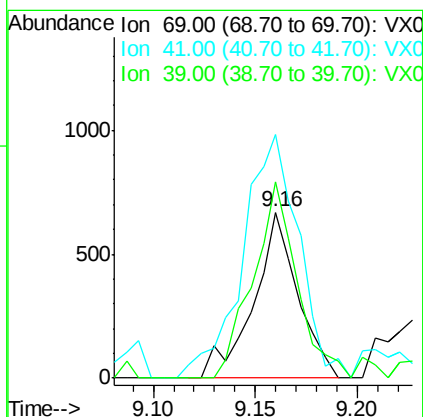
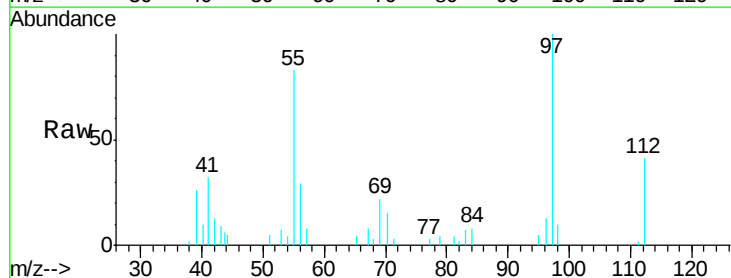
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW02SR1-20191001

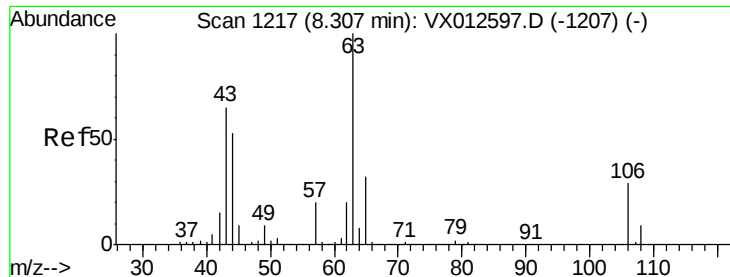
Tgt Ion: 97 Resp: 5102
 Ion Ratio Lower Upper
 97 100
 83 6.7 67.4 101.2#
 85 0.0 43.5 65.3#
 99 0.0 51.8 77.8#



#56
 Ethyl methacrylate
 Concen: 0.284 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: VX012818.D
 Acq: 04 Oct 2019 17:45

Tgt Ion: 69 Resp: 1010
 Ion Ratio Lower Upper
 69 100
 41 185.5 58.4 87.6#
 39 116.8 33.4 50.0#

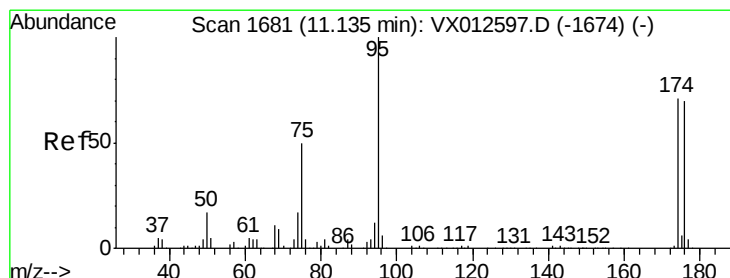
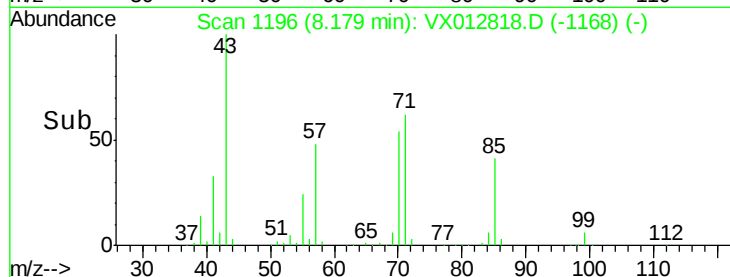
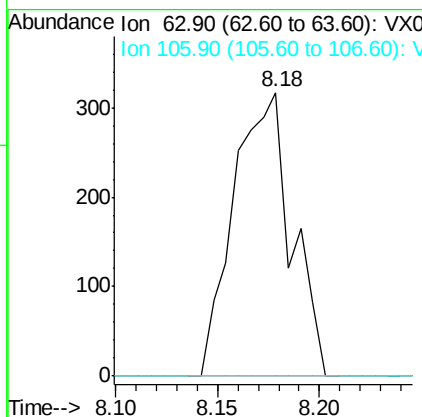
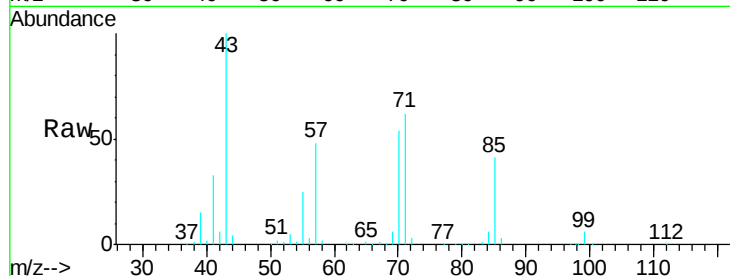




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.392 ug/l
 RT: 8.18 min Scan# 1196
 Delta R.T. -0.13 min
 Lab File: VX012818.D
 Acq: 04 Oct 2019 17:45

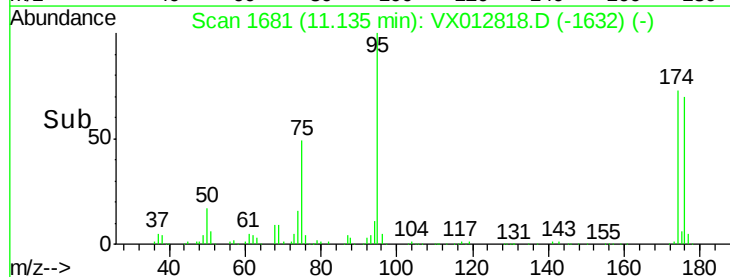
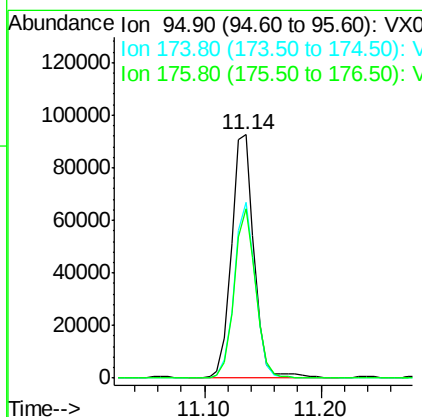
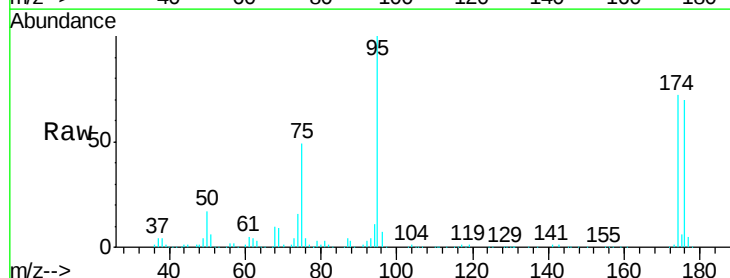
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW02SR1-20191001

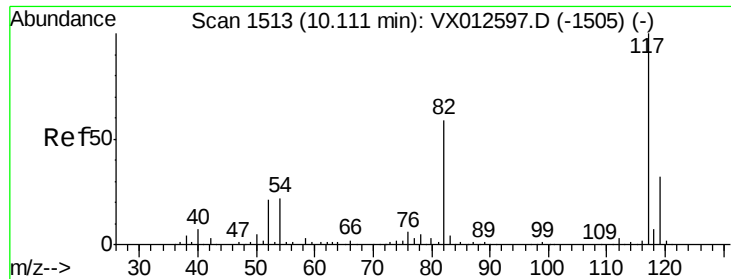
Tgt Ion: 63 Resp: 626
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.8 35.6#



#62
 4-Bromofluorobenzene
 Concen: 46.177 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012818.D
 Acq: 04 Oct 2019 17:45

Tgt Ion: 95 Resp: 124452
 Ion Ratio Lower Upper
 95 100
 174 68.0 0.0 140.0
 176 66.1 0.0 135.4

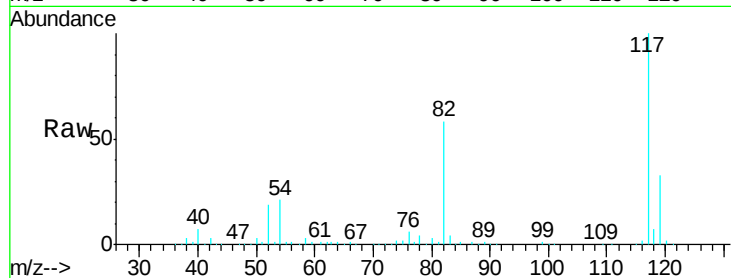




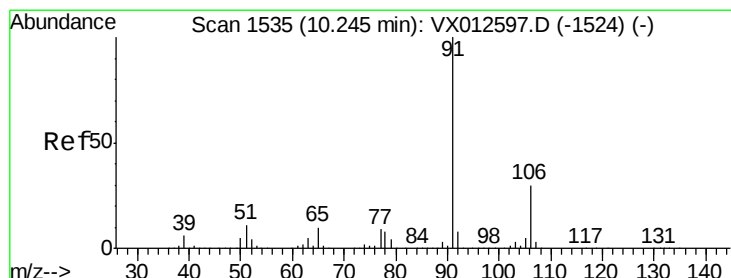
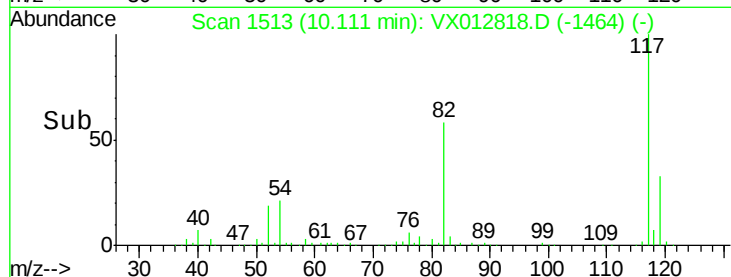
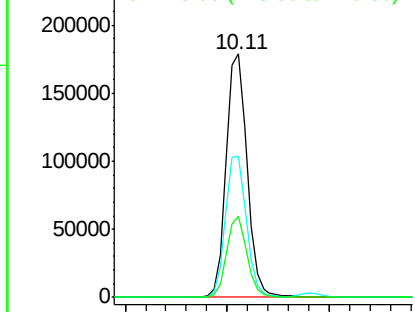
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012818.D
Acq: 04 Oct 2019 17:45

Instrument :
MSVOA_X
ClientSampleId :
FC-MW02SR1-20191001

Tgt Ion: 117 Resp: 253536
Ion Ratio Lower Upper
117 100
82 58.2 45.9 68.9
119 33.2 25.3 37.9

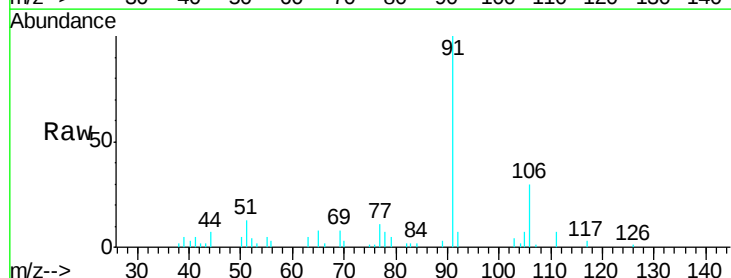


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

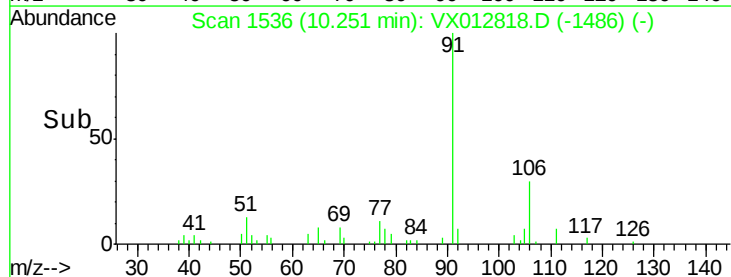
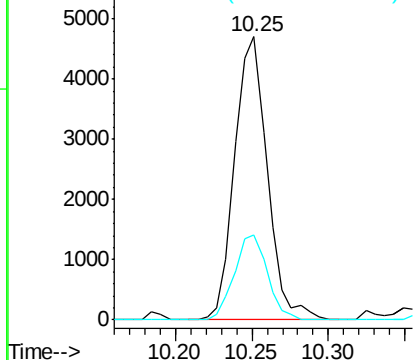


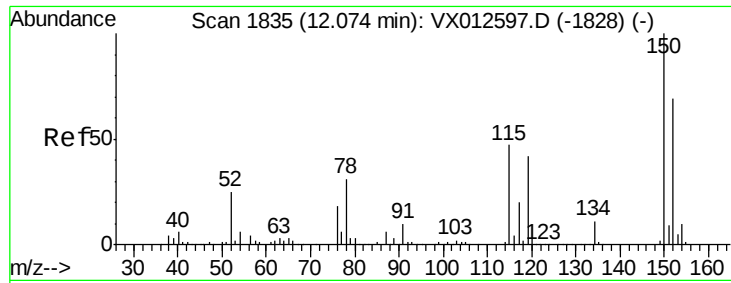
#67
Ethyl Benzene
Concen: 0.719 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012818.D
Acq: 04 Oct 2019 17:45

Tgt Ion: 91 Resp: 6960
Ion Ratio Lower Upper
91 100
106 29.9 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

FC-MW02SR1-20191001

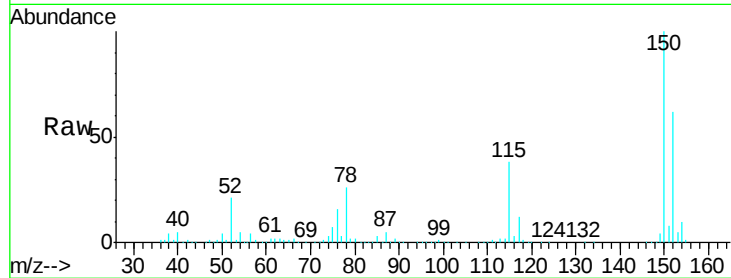
Tgt Ion:152 Resp: 102211

Ion Ratio Lower Upper

152 100

115 64.4 44.1 132.3

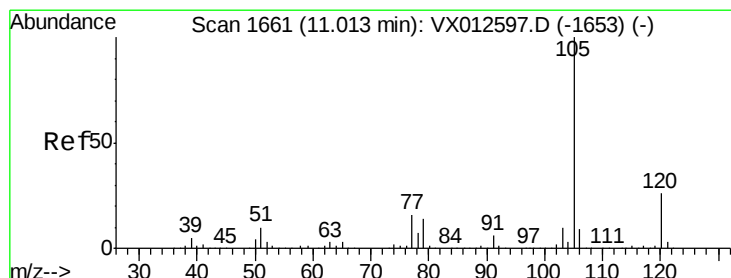
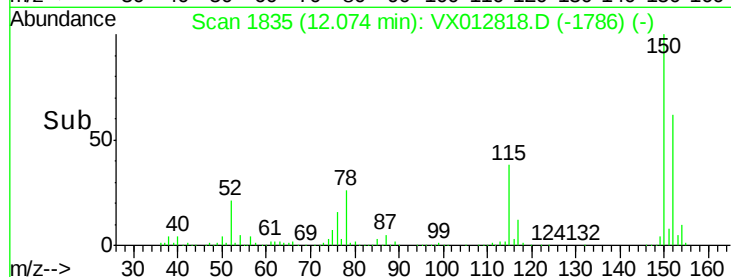
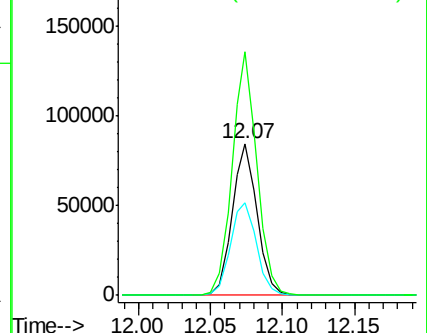
150 159.1 0.0 343.8



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



#73

Isopropylbenzene

Concen: 2.049 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012818.D

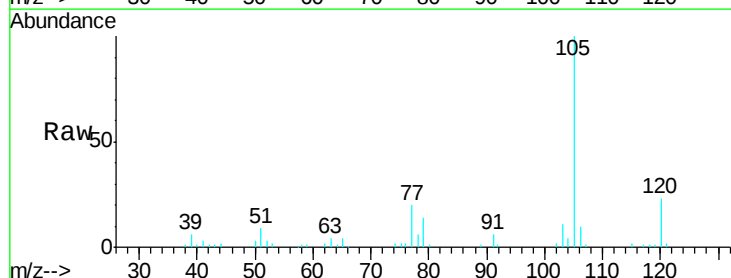
Acq: 04 Oct 2019 17:45

Tgt Ion:105 Resp: 17061

Ion Ratio Lower Upper

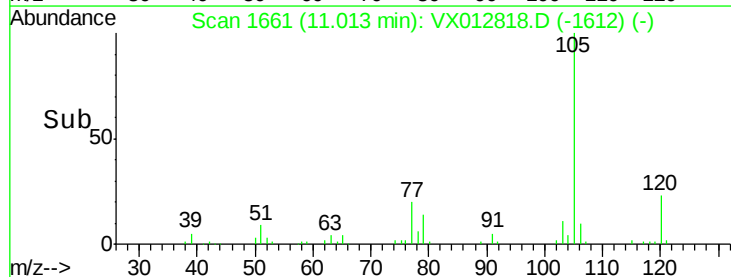
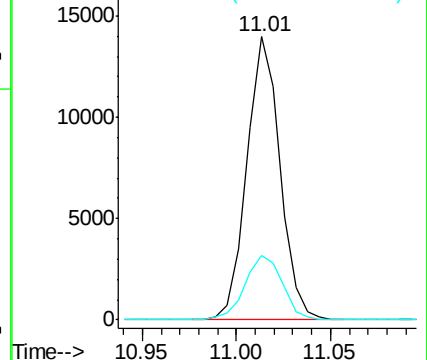
105 100

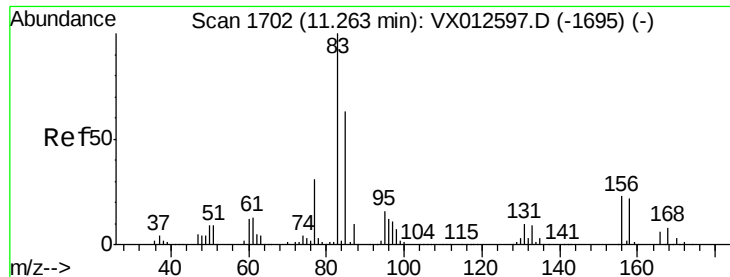
120 25.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.280 ug/l

RT: 11.28 min Scan# 1704

Delta R.T. 0.01 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

FC-MW02SR1-20191001

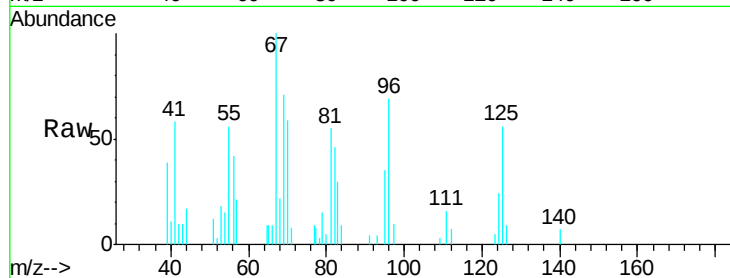
Tgt Ion: 83 Resp: 772

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

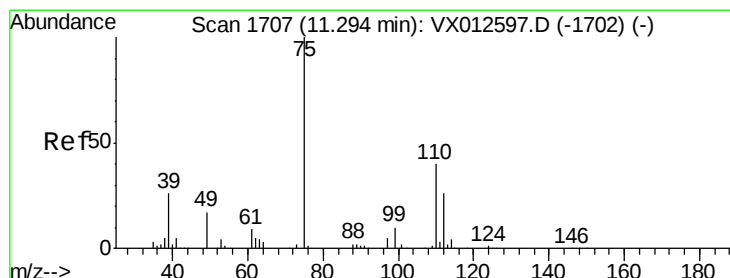
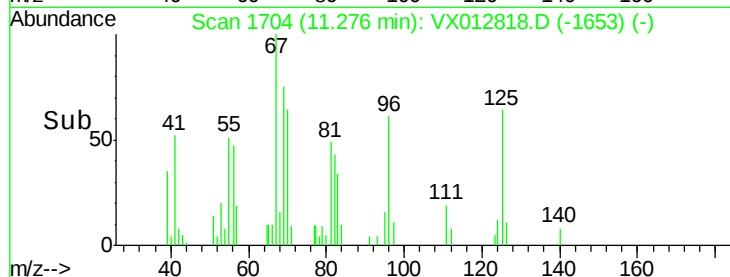
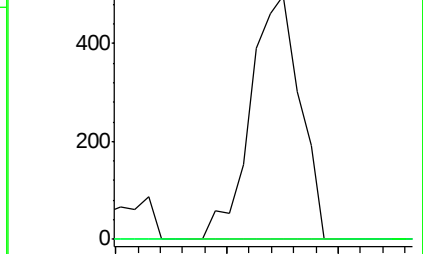
85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.799 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012818.D

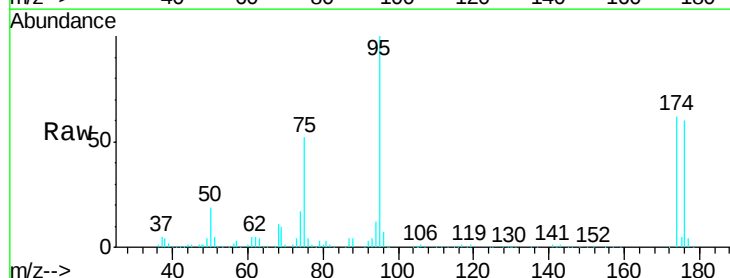
Acq: 04 Oct 2019 17:45

Tgt Ion: 75 Resp: 61642

Ion Ratio Lower Upper

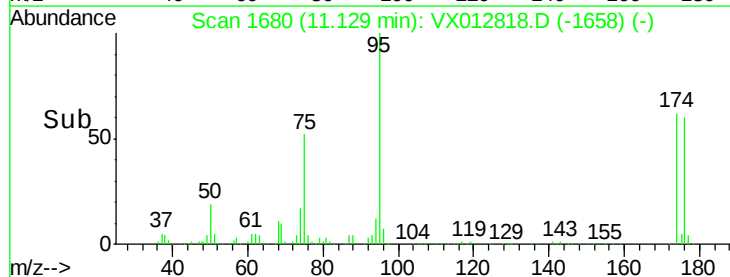
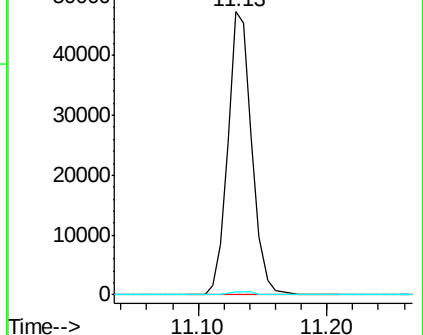
75 100

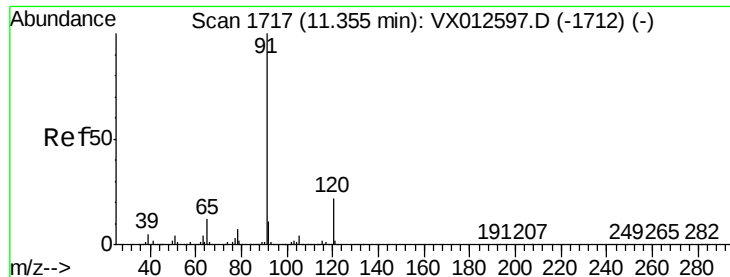
77 1.3 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 4.163 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

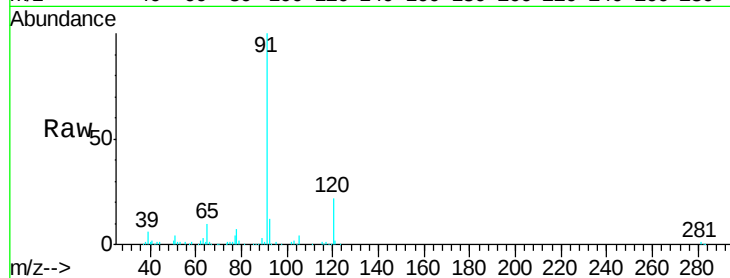
FC-MW02SR1-20191001

Tgt Ion: 91 Resp: 39013

Ion Ratio Lower Upper

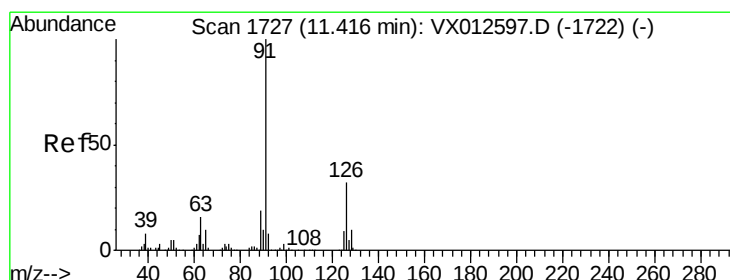
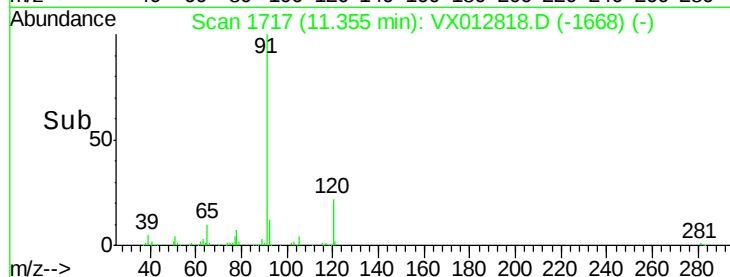
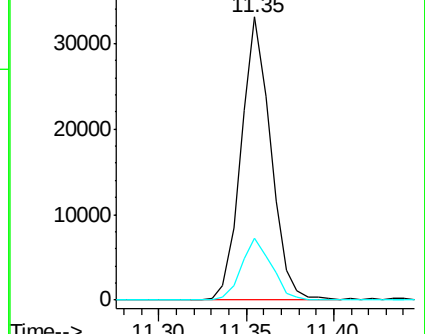
91 100

120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 6.673 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.06 min

Lab File: VX012818.D

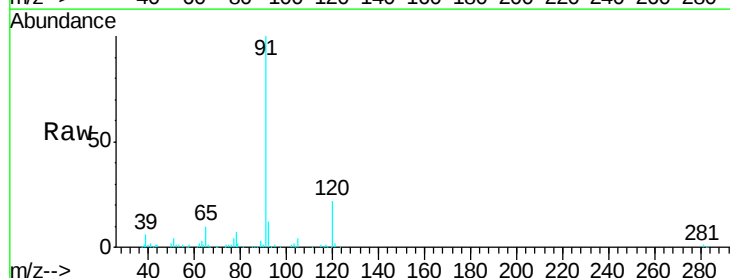
Acq: 04 Oct 2019 17:45

Tgt Ion: 91 Resp: 39013

Ion Ratio Lower Upper

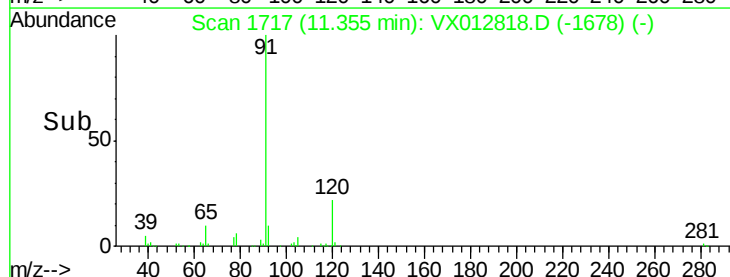
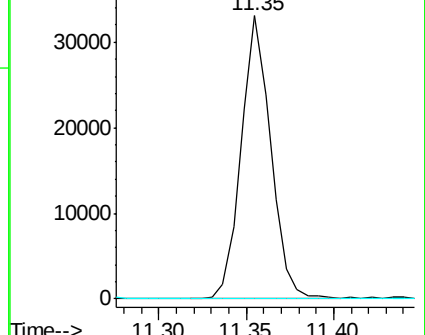
91 100

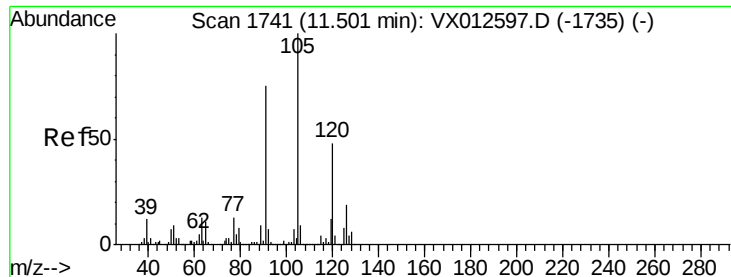
126 0.0 16.4 49.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.218 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.15 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

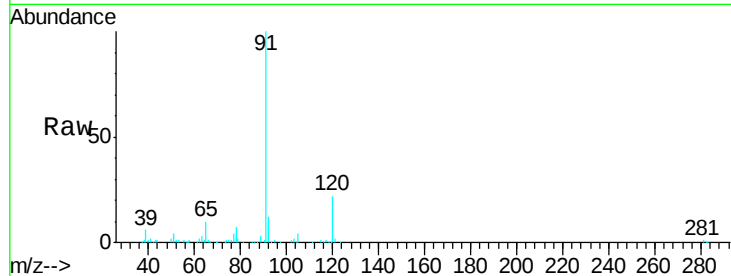
FC-MW02SR1-20191001

Tgt Ion: 105 Resp: 1522

Ion Ratio Lower Upper

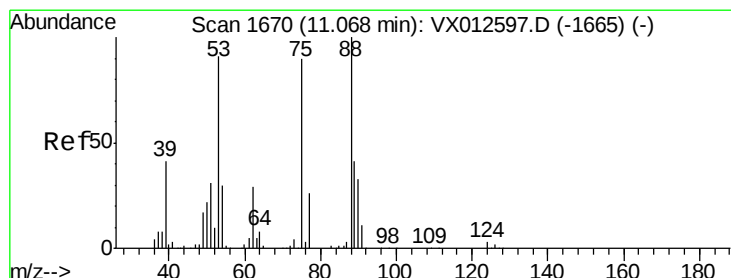
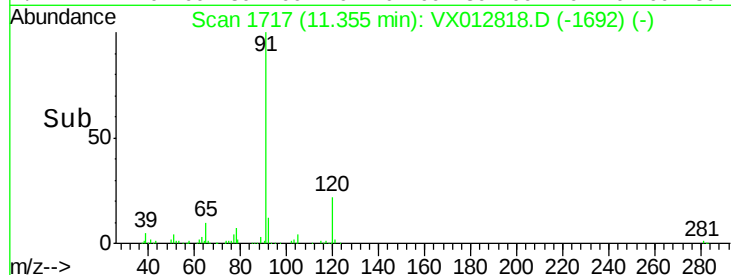
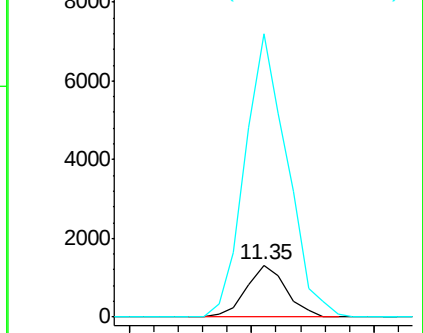
105 100

120 567.5 24.3 72.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 65.336 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

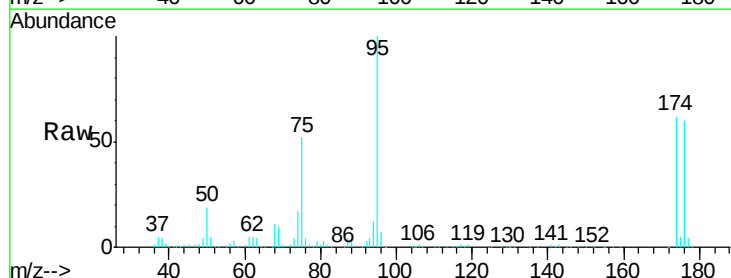
Tgt Ion: 75 Resp: 61642

Ion Ratio Lower Upper

75 100

53 0.1 83.6 125.4#

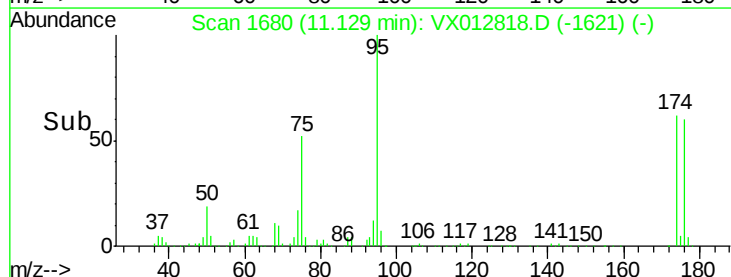
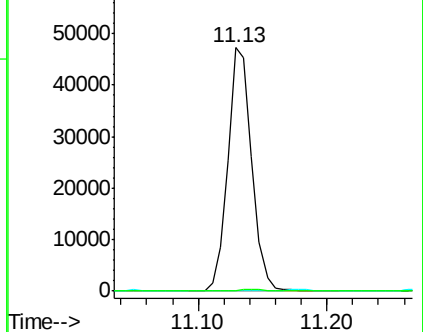
89 0.0 36.3 54.5#

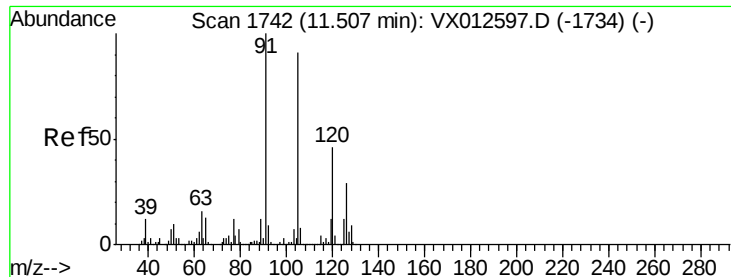


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 5.854 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.15 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

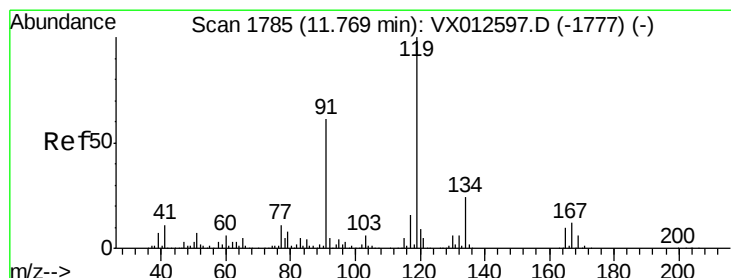
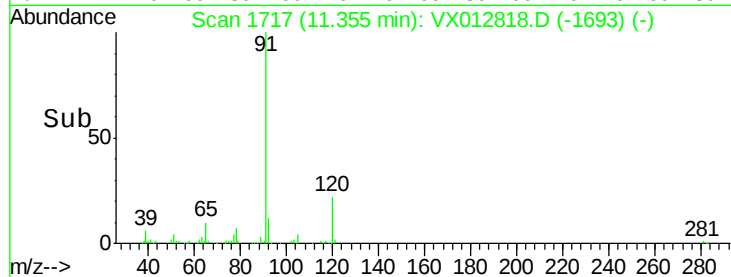
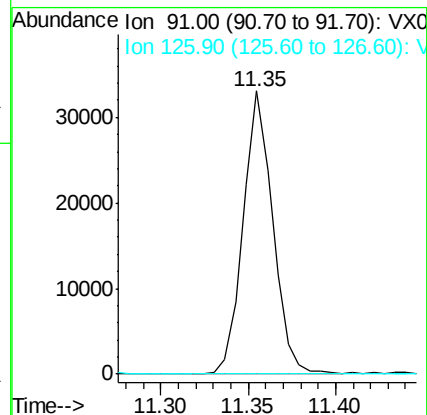
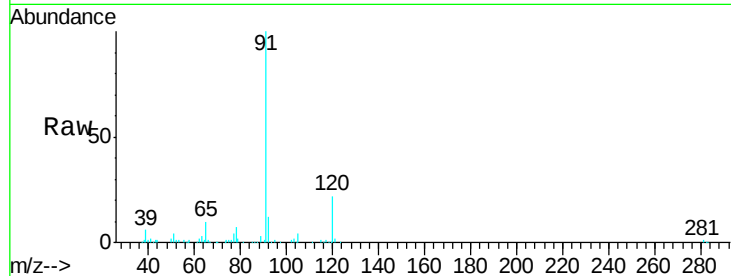
FC-MW02SR1-20191001

Tgt Ion: 91 Resp: 39013

Ion Ratio Lower Upper

91 100

126 0.0 14.4 43.0#



#83

tert-Butylbenzene

Concen: 0.729 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

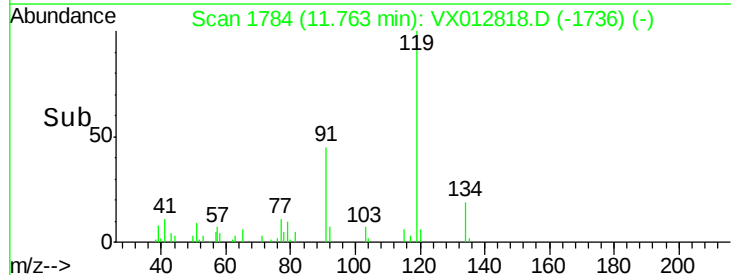
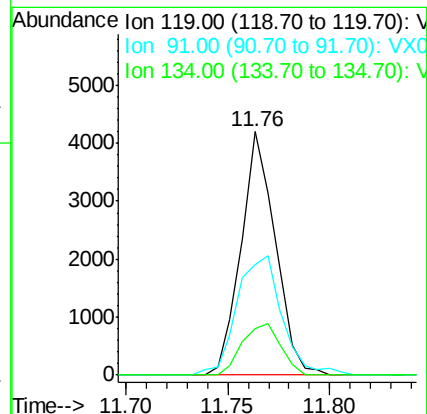
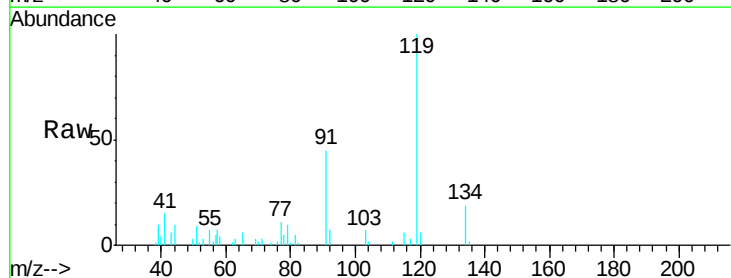
Tgt Ion: 119 Resp: 4910

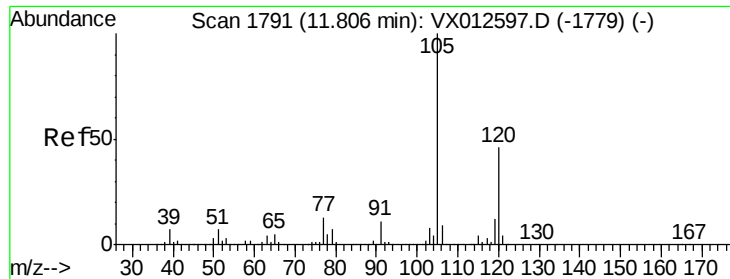
Ion Ratio Lower Upper

119 100

91 64.4 30.0 90.0

134 23.6 11.3 33.9

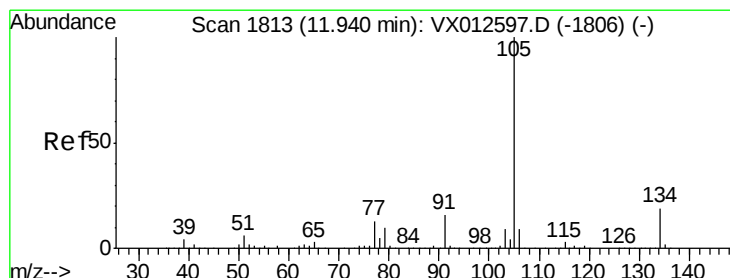
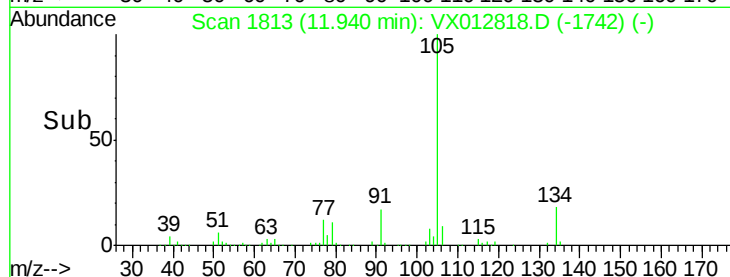
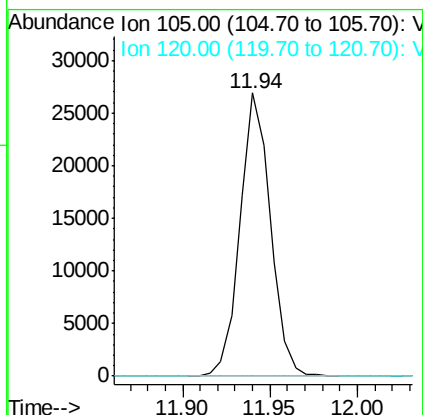
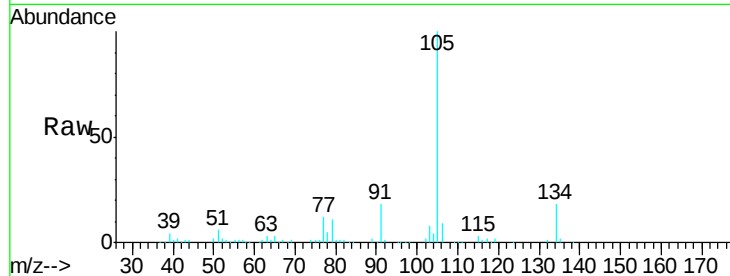




#84
 1,2,4-Trimethylbenzene
 Concen: 4.601 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.13 min
 Lab File: VX012818.D
 Acq: 04 Oct 2019 17:45

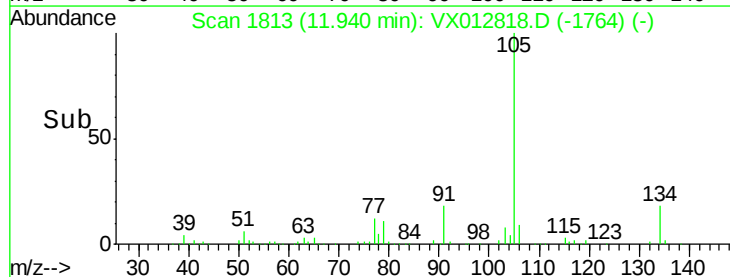
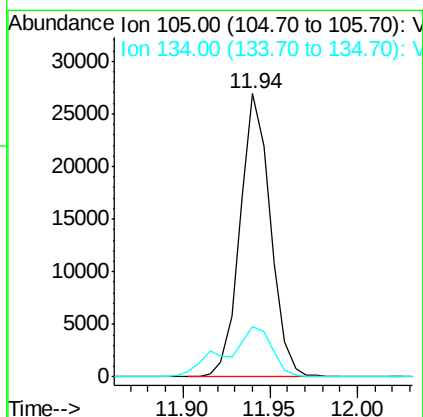
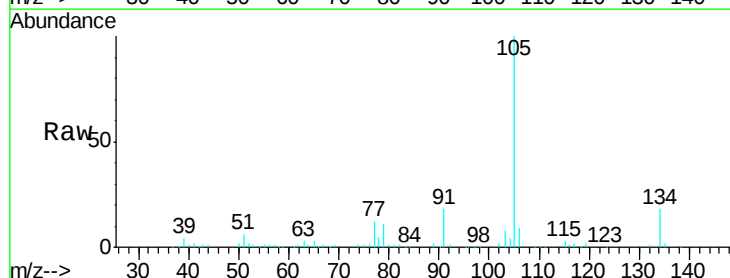
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW02SR1-20191001

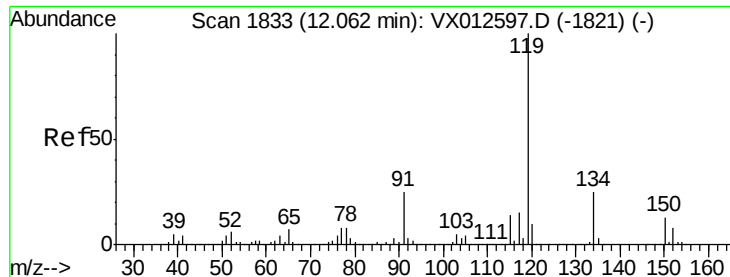
Tgt Ion:105 Resp: 32400
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.2 66.6#



#85
 sec-Butylbenzene
 Concen: 4.137 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012818.D
 Acq: 04 Oct 2019 17:45

Tgt Ion:105 Resp: 32400
 Ion Ratio Lower Upper
 105 100
 134 27.3 9.8 29.4

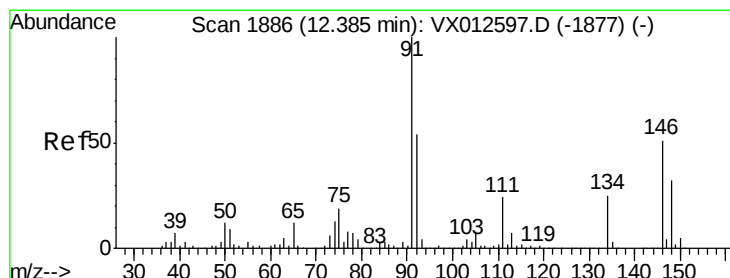
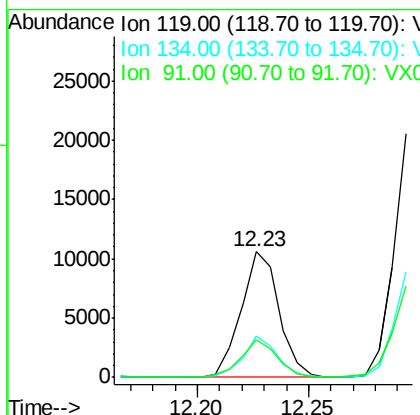
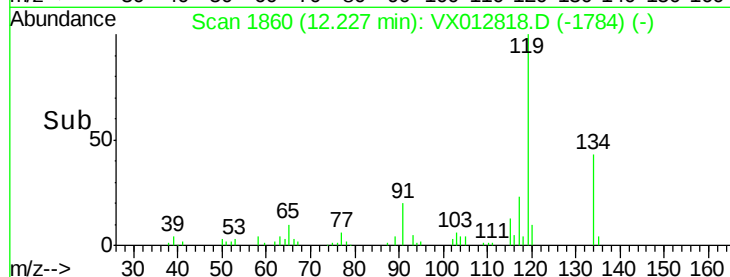
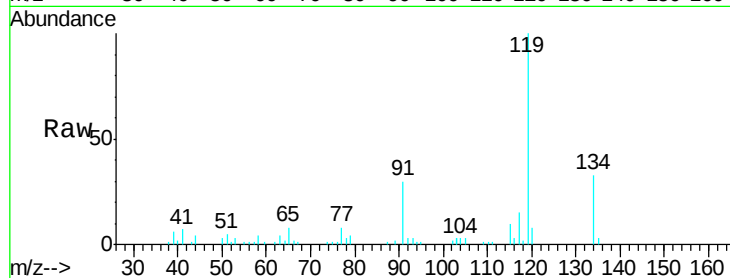




#86
p-Isopropyltoluene
Concen: 1.785 ug/l
RT: 12.23 min Scan# 1860
Delta R.T. 0.16 min
Lab File: VX012818.D
Acq: 04 Oct 2019 17:45

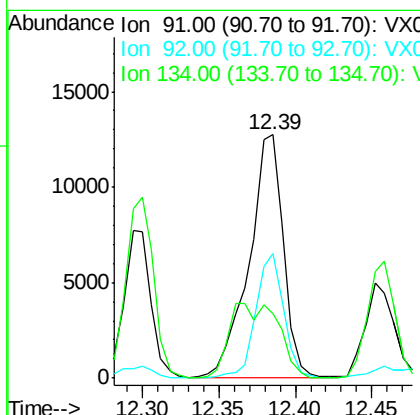
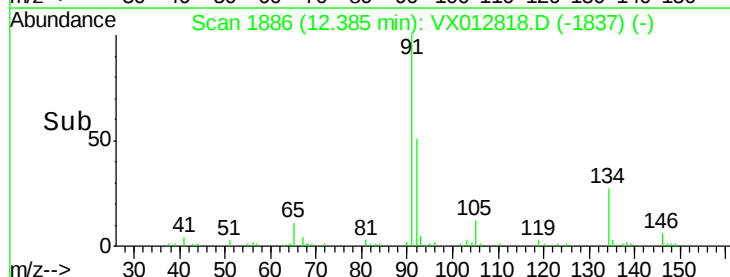
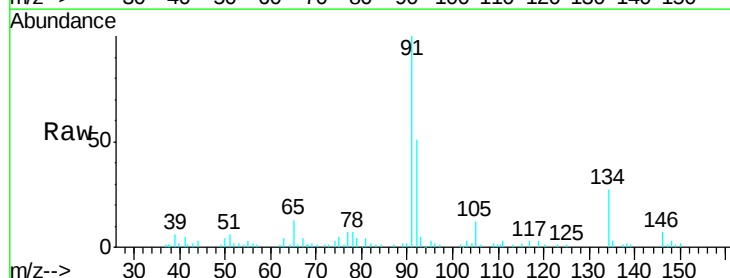
Instrument :
MSVOA_X
ClientSampleId :
FC-MW02SR1-20191001

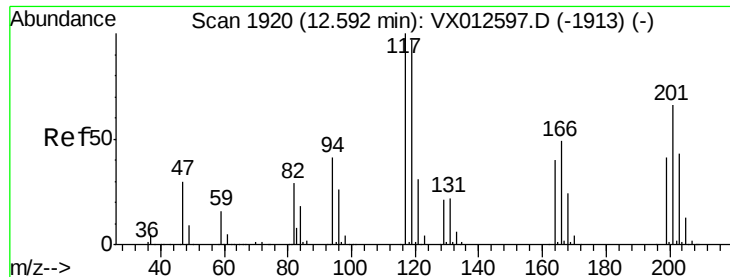
Tgt Ion: 119 Resp: 12612
Ion Ratio Lower Upper
119 100
134 29.6 12.7 38.1
91 28.6 12.8 38.4



#89
n-Butylbenzene
Concen: 3.222 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012818.D
Acq: 04 Oct 2019 17:45

Tgt Ion: 91 Resp: 20064
Ion Ratio Lower Upper
91 100
92 41.4 27.7 83.0
134 43.7 12.9 38.6#





#90

Hexachloroethane

Concen: 7.609 ug/l

RT: 12.67 min Scan# 1932

Delta R.T. 0.07 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

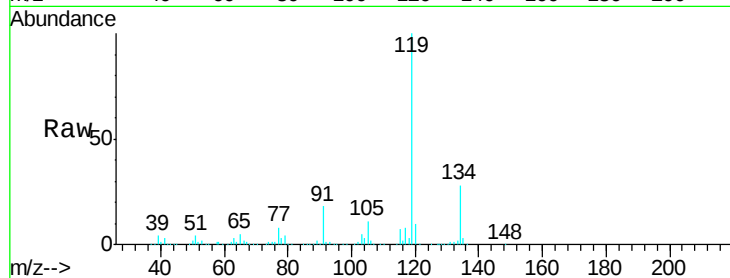
FC-MW02SR1-20191001

Tgt Ion:117 Resp: 9587

Ion Ratio Lower Upper

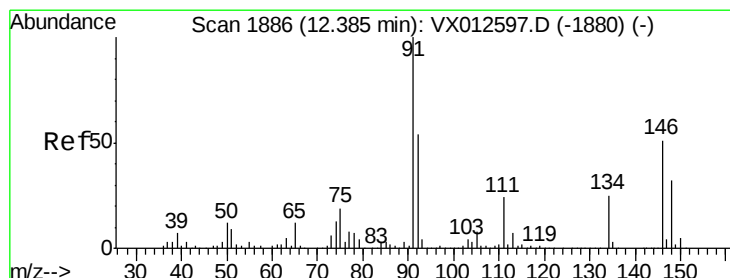
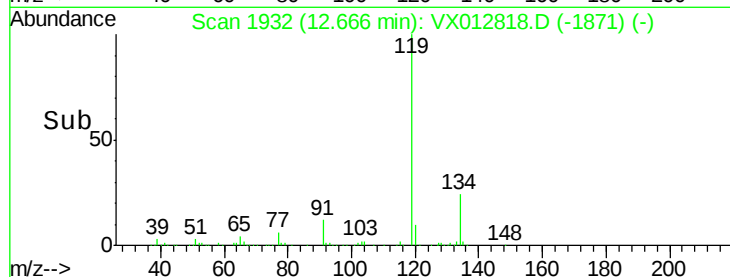
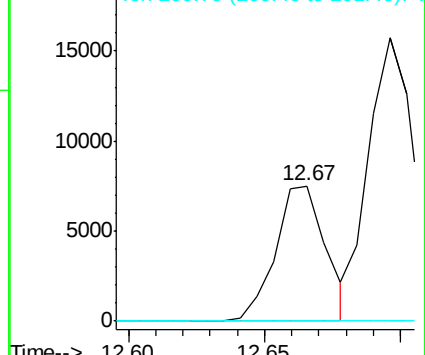
117 100

201 0.0 33.3 99.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.330 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

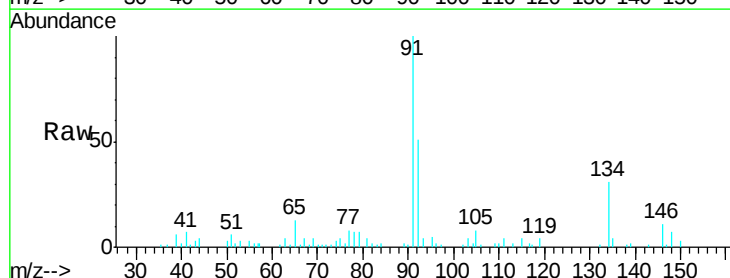
Tgt Ion:146 Resp: 1120

Ion Ratio Lower Upper

146 100

111 51.8 22.1 66.1

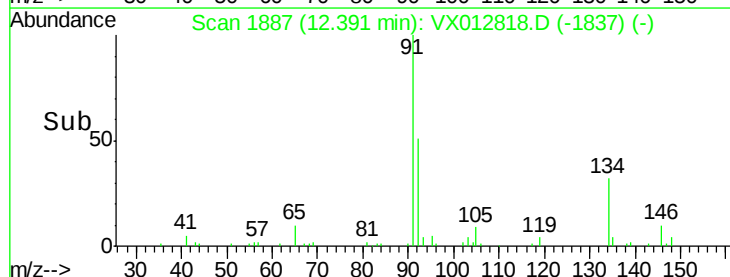
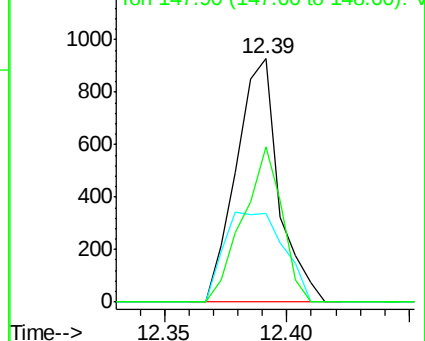
148 58.7 31.3 93.9

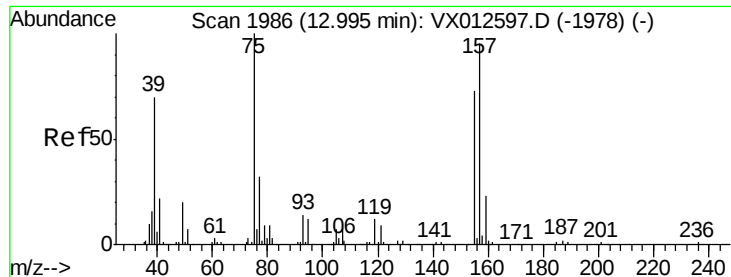


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.101 ug/l

RT: 12.97 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

FC-MW02SR1-20191001

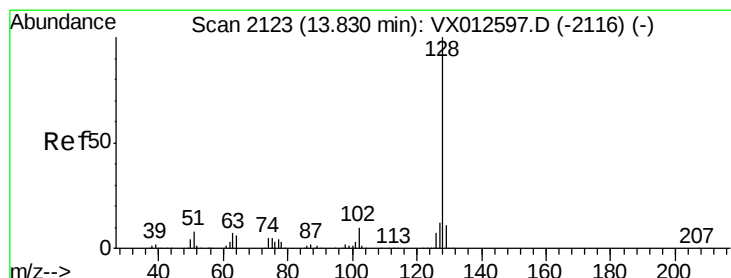
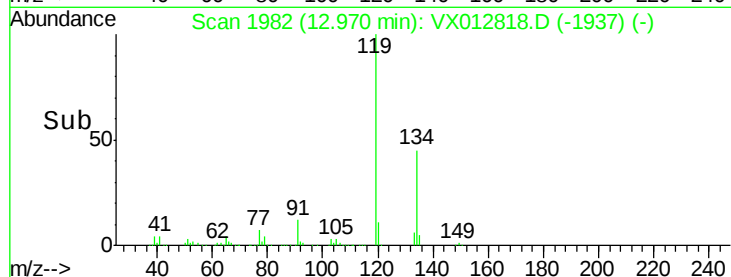
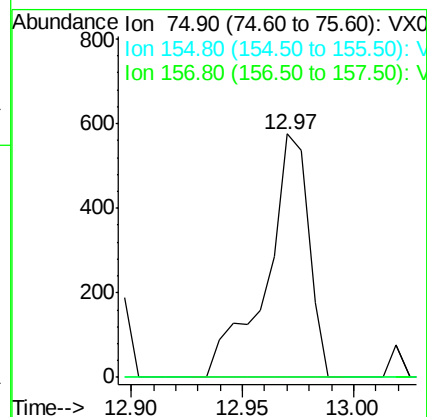
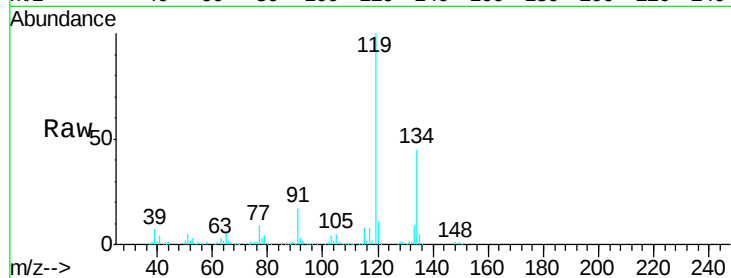
Tgt Ion: 75 Resp: 759

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.8#

157 0.0 50.6 151.9#



#95

Naphthalene

Concen: 8.959 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012818.D

Acq: 04 Oct 2019 17:45

Tgt Ion: 128 Resp: 67100

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.4

129 15.6 8.8 13.2#

