

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013650.D
 Acq On : 27 Nov 2019 14:13
 Operator : JC/SP
 Sample : K6002-04DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

Quant Time: Nov 28 00:28:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	625060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	989738	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	905947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	466290	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	356750	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
35) Dibromofluoromethane	5.49	113	292085	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
50) Toluene-d8	8.71	98	1187376	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.14	95	431186	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	1950	0.330	ug/l #	77
10) Methyl Iodide	2.50	142	1956	0.271	ug/l #	71
11) Tert butyl alcohol	3.01	59	11477	6.409	ug/l #	74
13) Acrolein	2.30	56	630	6.517	ug/l #	15
15) Acrylonitrile	3.11	53	786	0.213	ug/l #	56
16) Acetone	2.44	43	4832	1.349	ug/l #	62
18) Methyl Acetate	2.83	43	15356	1.539	ug/l #	51
19) Methyl tert-butyl Ether	3.19	73	141010	7.156	ug/l	92
20) Methylene Chloride	2.84	84	2898	0.421	ug/l #	87
30) Chloroform	5.20	83	4258	0.369	ug/l	84
31) Cyclohexane	5.57	56	30270	2.824	ug/l #	91
36) 1,1-Dichloropropene	5.64	75	40760	4.537	ug/l #	47
38) Carbon Tetrachloride	5.65	117	55515	6.701	ug/l #	15
39) Methylcyclohexane	7.46	83	39512	3.558	ug/l	99
40) Benzene	6.13	78	2695519	98.508	ug/l	99
42) 1,2-Dichloroethane	6.13	62	24985	2.677	ug/l	73
43) Isopropyl Acetate	6.42	43	488491	29.439	ug/l #	17
44) Trichloroethene	7.20	130	2577	0.343	ug/l	41
49) 1,4-Dioxane	7.70	88	228	1.263	ug/l #	1
52) Toluene	8.78	92	494869	29.111	ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	7749	1.131	ug/l #	19
56) Ethyl methacrylate	9.17	69	2607	0.237	ug/l #	59
59) 2-Hexanone	9.51	43	1896	0.233	ug/l	93
64) Tetrachloroethene	9.33	164	1451	0.215	ug/l #	61
67) Ethyl Benzene	10.25	91	2340632	72.417	ug/l	98
68) m/p-Xylenes	10.35	106	3515971	284.129	ug/l	97
69) o-Xylene	10.70	106	1034782	85.740	ug/l	98
70) Styrene	10.70	104	60041	2.957	ug/l #	1
73) Isopropylbenzene	11.01	105	109053	3.334	ug/l	98
76) 1,2,3-Trichloropropane	11.43	75	12029	1.147	ug/l #	1
78) n-propylbenzene	11.35	91	190082	5.206	ug/l	99
79) 2-Chlorotoluene	11.43	91	178738	8.160	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.50	105	531649	19.832	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	212087	55.325	ug/l #	11

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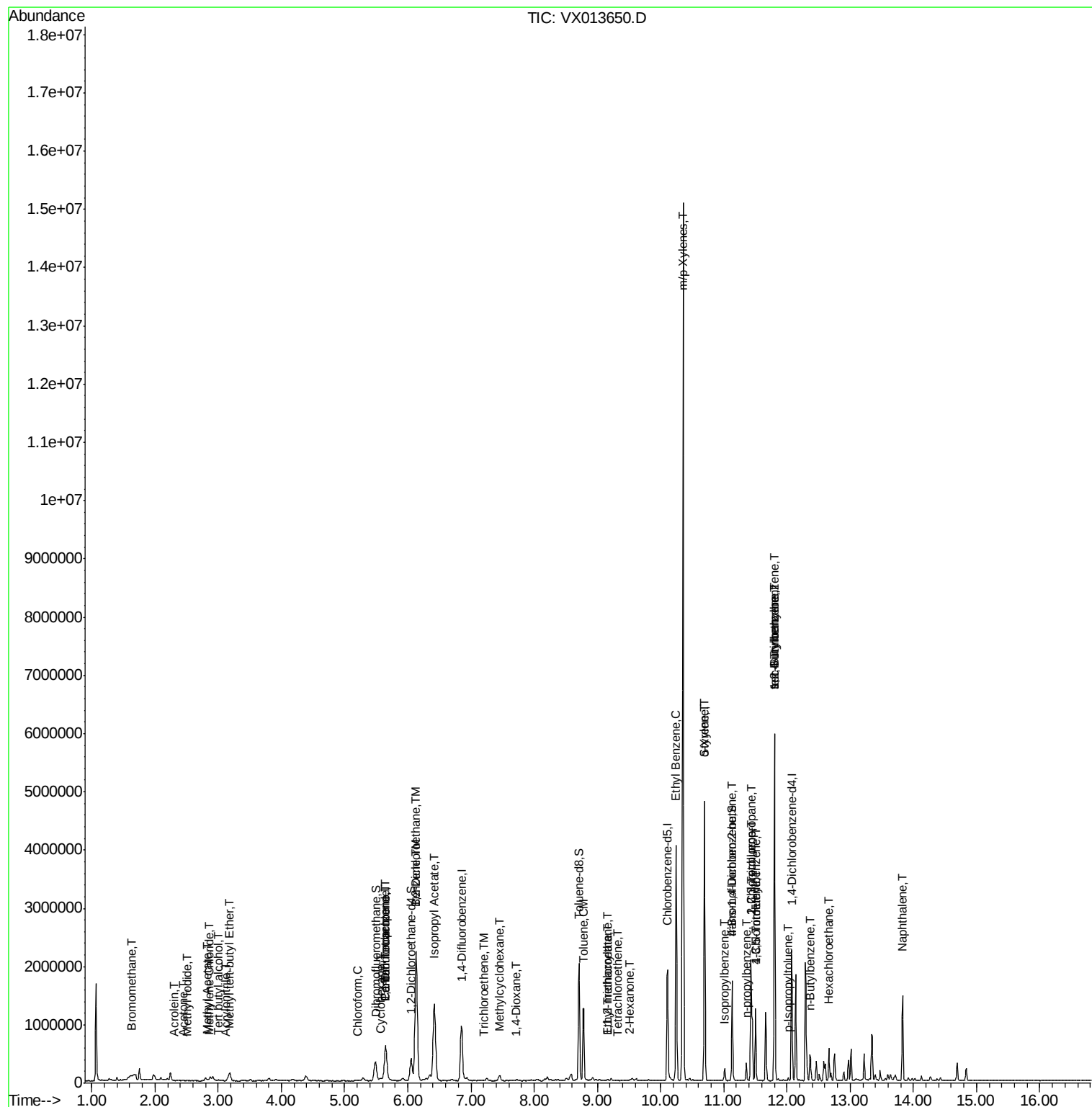
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.50	91	56383	2.223	ug/l #	45
83) tert-Butylbenzene	11.81	119	324720	11.919	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.81	105	2615584	96.136	ug/l	99
85) sec-Butylbenzene	11.81	105	2615584	84.051	ug/l #	55
86) p-Isopropyltoluene	12.02	119	23351	0.807	ug/l #	76
89) n-Butylbenzene	12.37	91	45728	1.852	ug/l #	1
90) Hexachloroethane	12.67	117	22589	4.317	ug/l #	6
95) Naphthalene	13.83	128	879131	27.833	ug/l	99

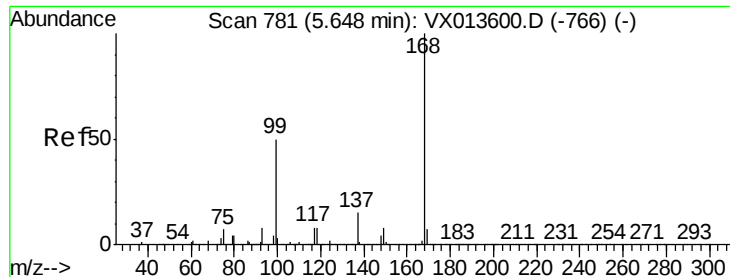
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112719\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampled :

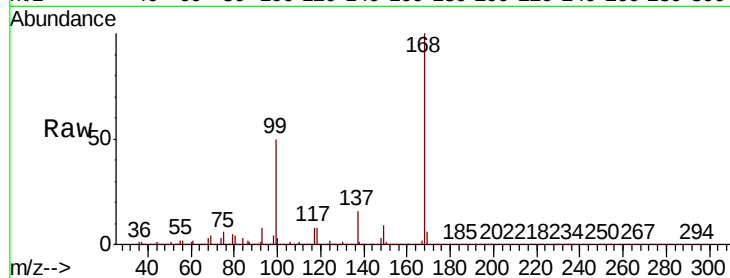
MW-6DL

Tot Ion:168 Resp: 625060

Ion Ratio Lower Upper

168 100

99 49.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

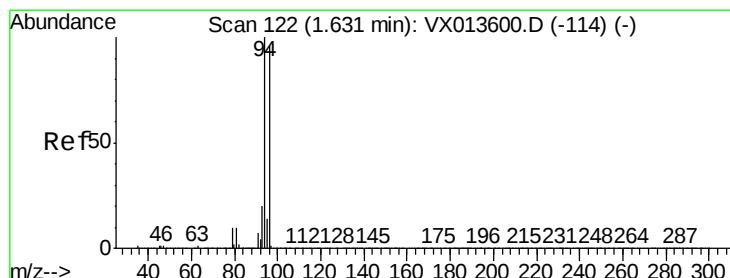
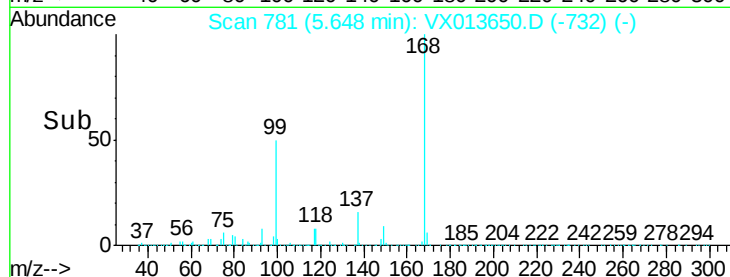
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.330 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013650.D

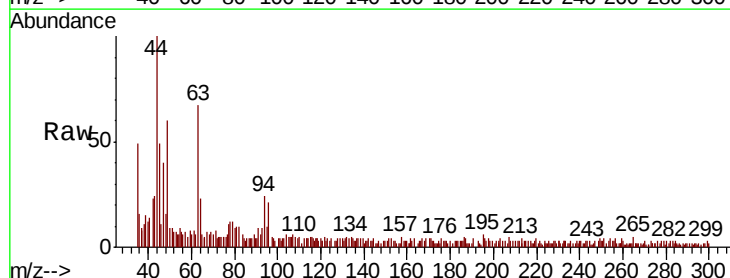
Acq: 27 Nov 2019 14:13

Tgt Ion: 94 Resp: 1950

Ion Ratio Lower Upper

94 100

96 74.1 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

2000

1500

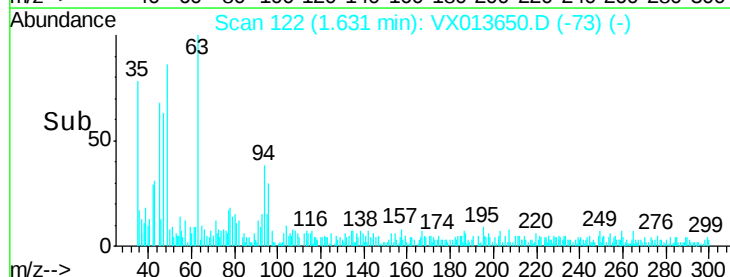
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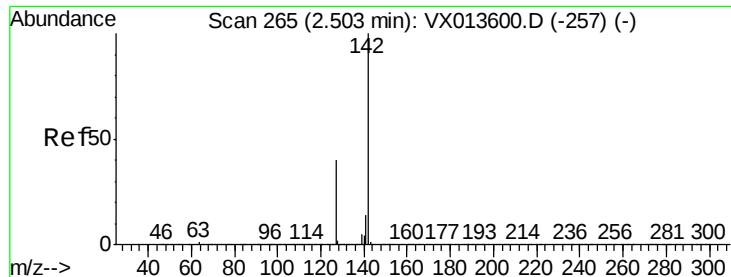
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Time-->

1.60 1.65

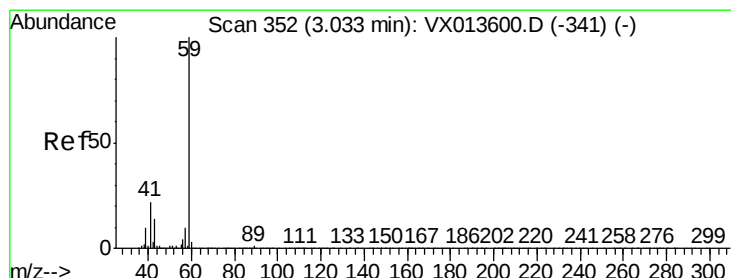
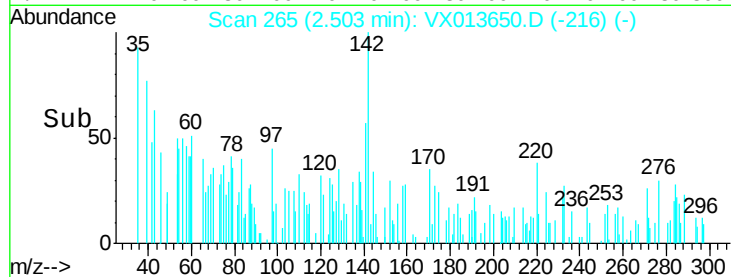
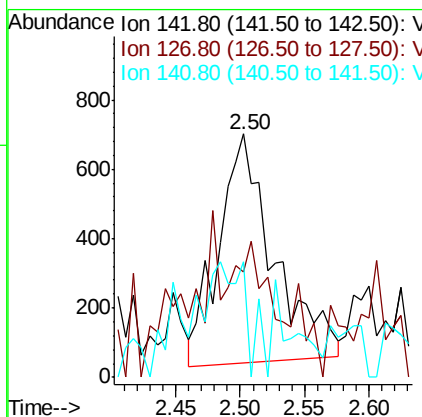
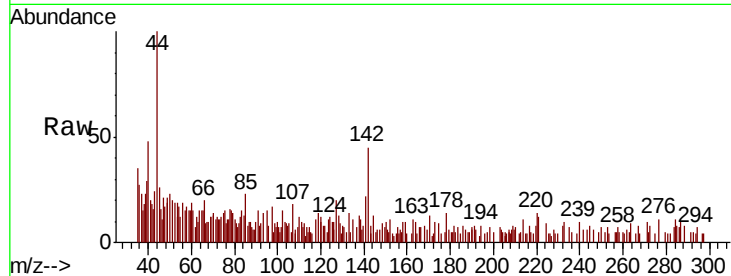




#10
Methvl Iodide
Concen: 0.271 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

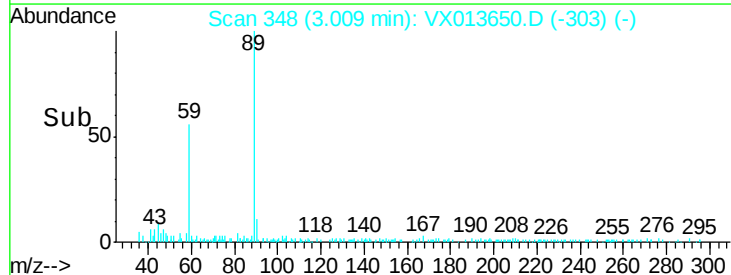
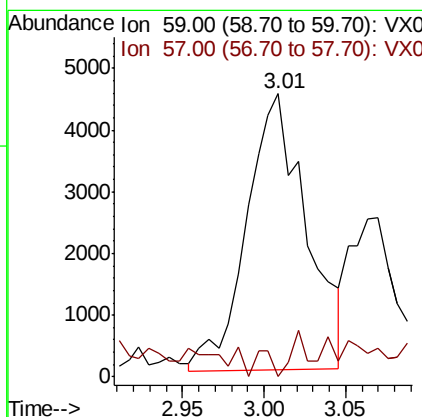
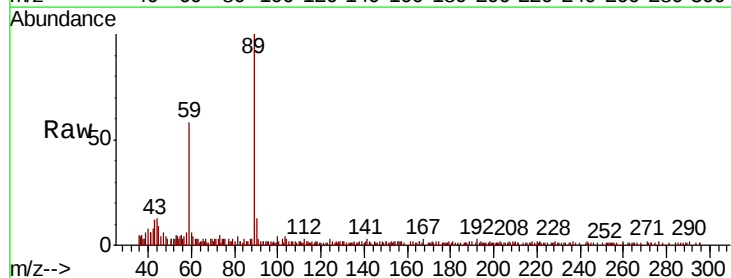
Instrument :
MSVOA_X
ClientSampled :
MW-6DL

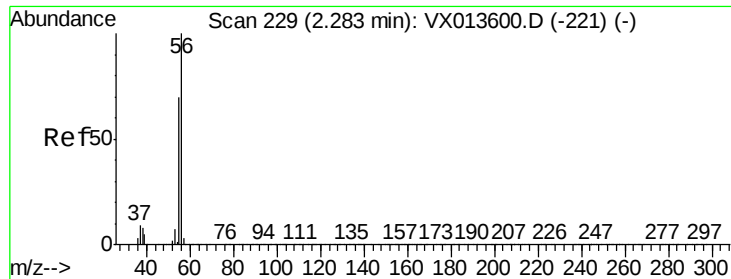
Tot Ion:142 Resp: 1956
Ion Ratio Lower Upper
142 100
127 25.8 31.0 46.4#
141 35.6 11.6 17.4#



#11
Tert butyl alcohol
Concen: 6.409 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

Tgt Ion: 59 Resp: 11477
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

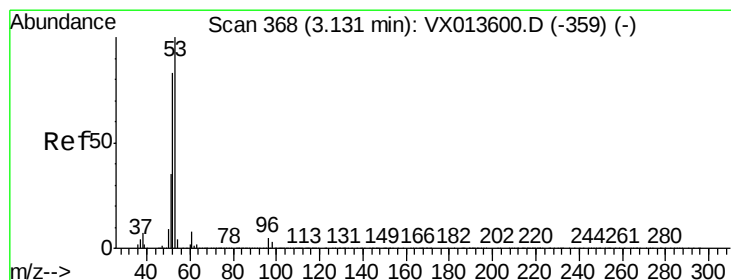
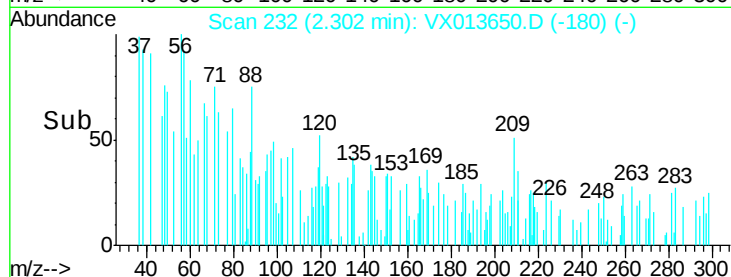
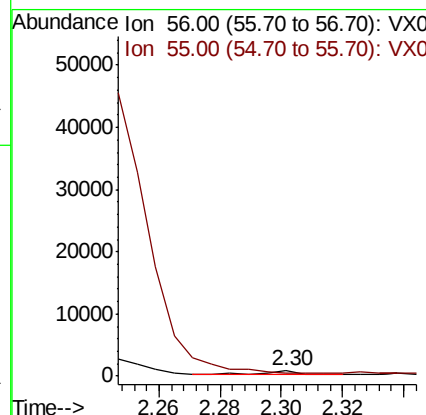
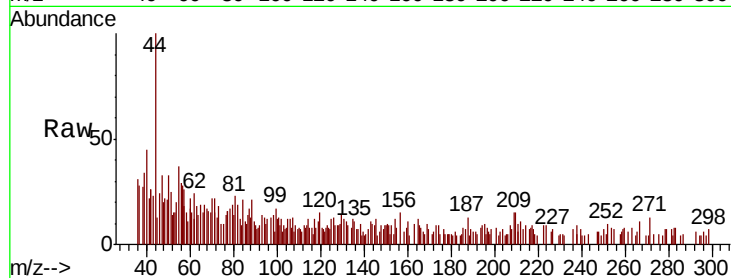




#13
Acrolein
Concen: 6.517 ug/l
RT: 2.30 min Scan# 232
Delta R.T. 0.02 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

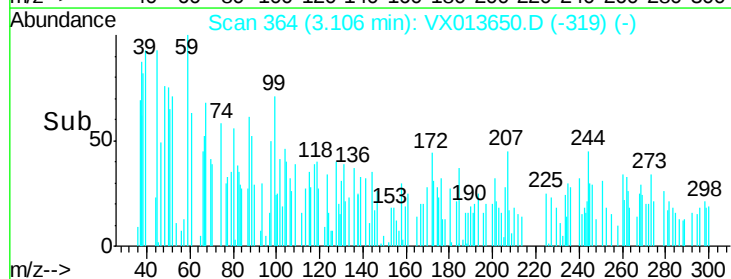
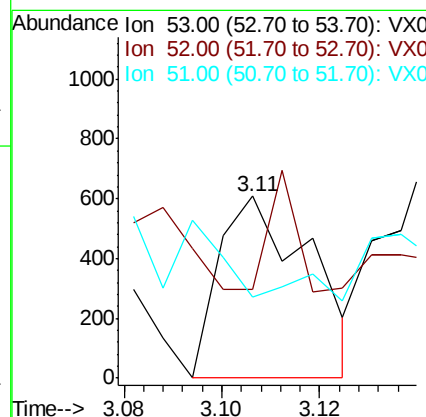
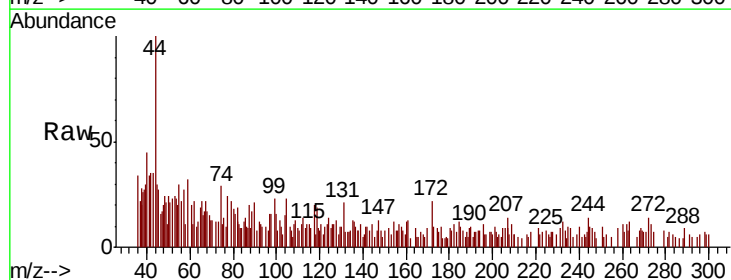
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

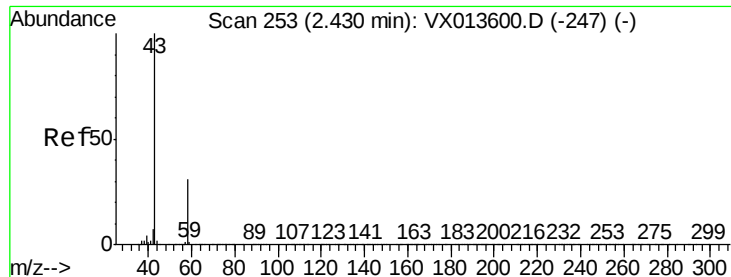
Tot Ion: 56 Resp: 630
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.4#



#15
Acrylonitrile
Concen: 0.213 ug/l
RT: 3.11 min Scan# 364
Delta R.T. -0.02 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

Tgt Ion: 53 Resp: 786
Ion Ratio Lower Upper
53 100
52 50.3 66.2 99.2#
51 0.0 29.0 43.6#





#16

Acetone

Concen: 1.349 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampled :

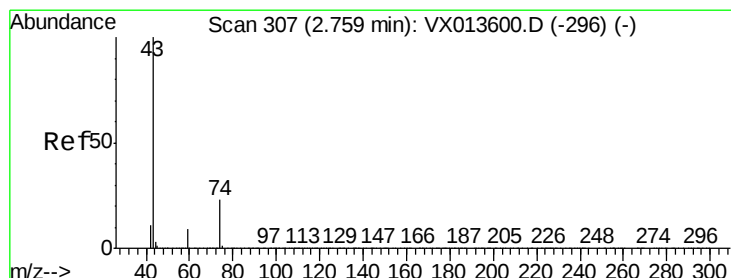
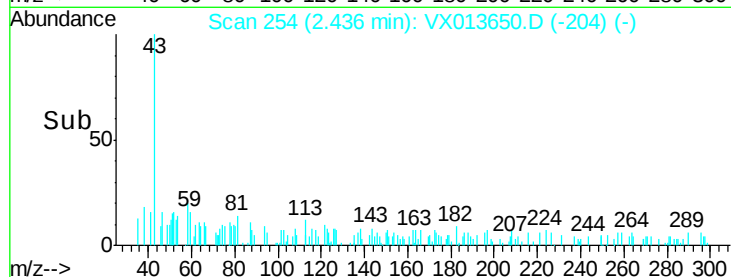
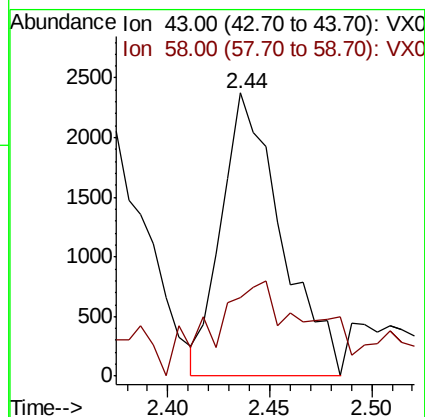
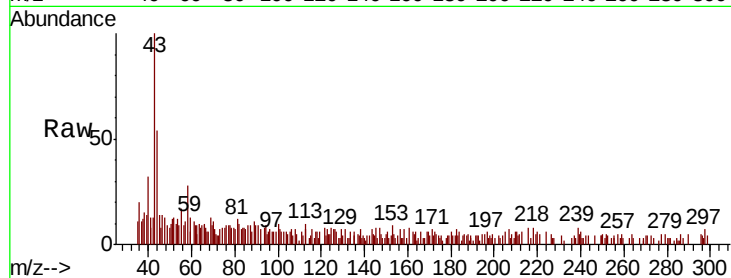
MW-6DL

Tot Ion: 43 Resp: 4832

Ion Ratio Lower Upper

43 100

58 9.7 24.6 36.8#



#18

Methyl Acetate

Concen: 1.539 ug/l

RT: 2.83 min Scan# 318

Delta R.T. 0.07 min

Lab File: VX013650.D

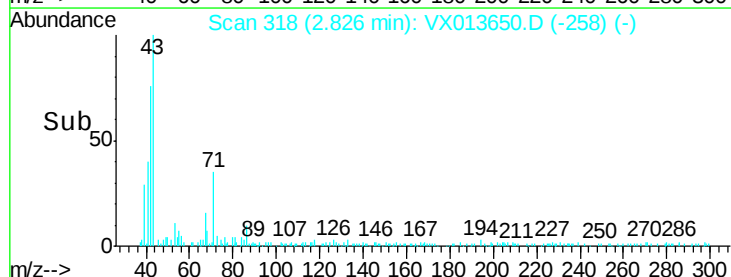
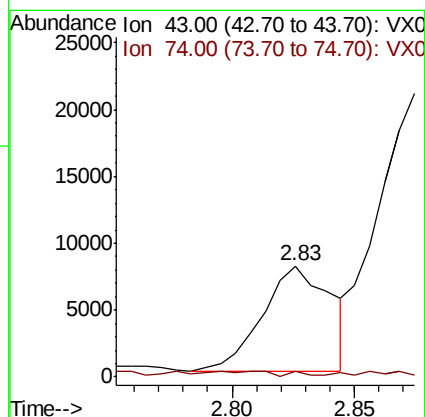
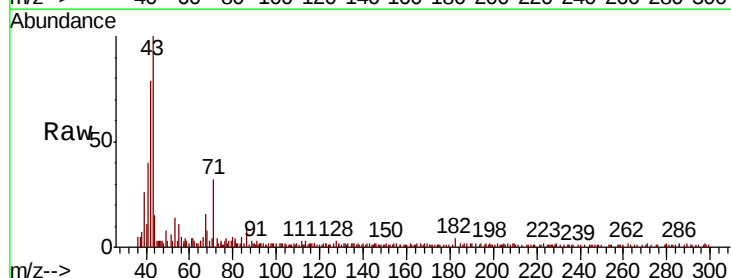
Acq: 27 Nov 2019 14:13

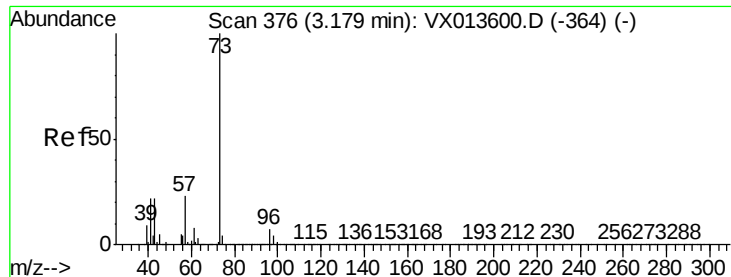
Tgt Ion: 43 Resp: 15356

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



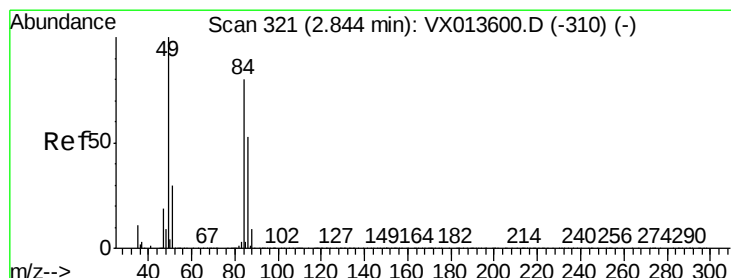
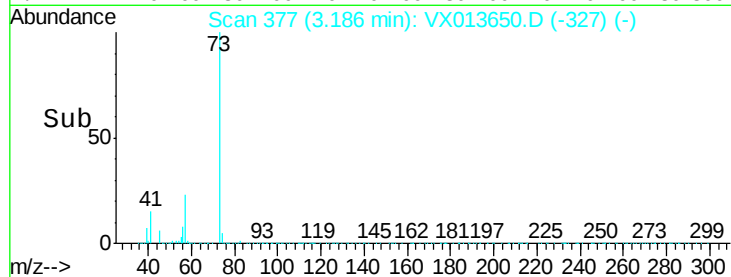
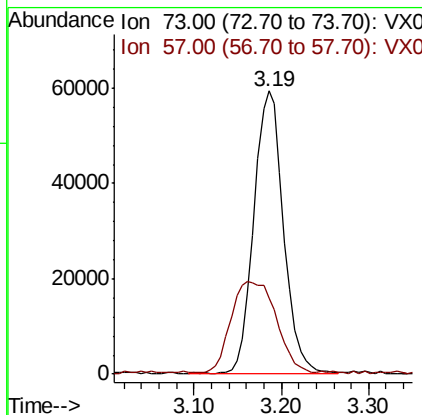
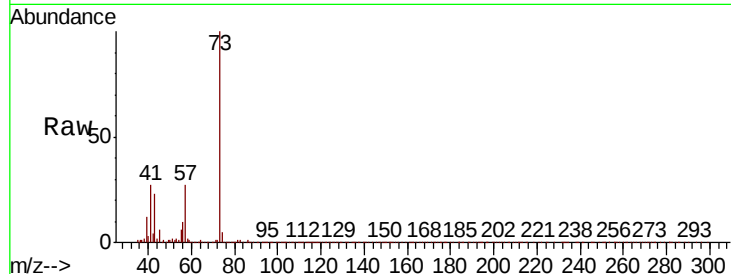


#19

Methyl tert-butyl Ether
 Concen: 7.156 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013650.D
 Acq: 27 Nov 2019 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

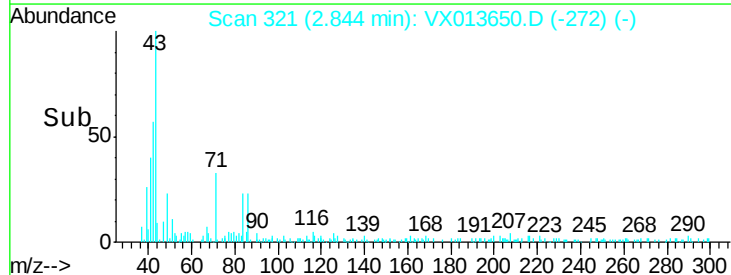
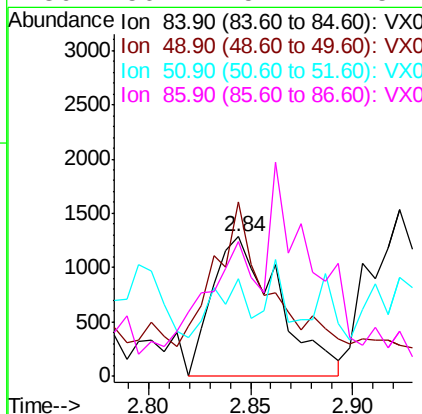
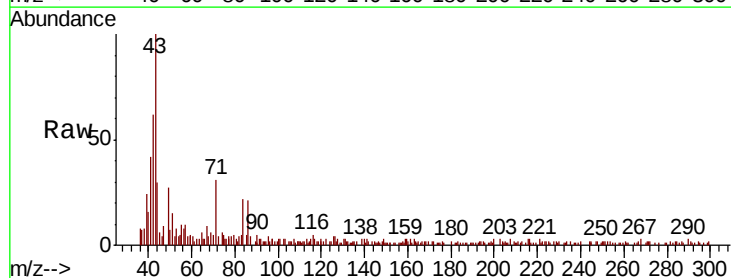
Tot Ion: 73 Resp: 141010
 Ion Ratio Lower Upper
 73 100
 57 26.6 18.3 27.5

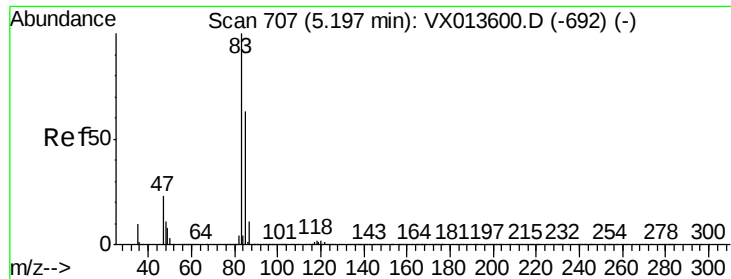


#20

Methylene Chloride
 Concen: 0.421 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013650.D
 Acq: 27 Nov 2019 14:13

Tgt Ion: 84 Resp: 2898
 Ion Ratio Lower Upper
 84 100
 49 109.5 99.7 149.5
 51 47.1 29.9 44.9#
 86 56.2 52.2 78.4

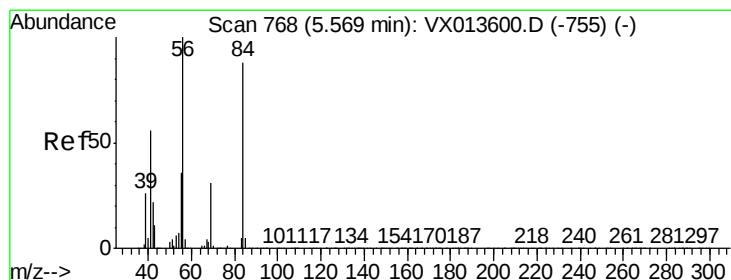
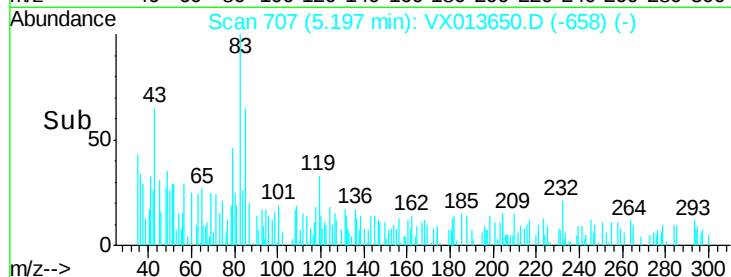
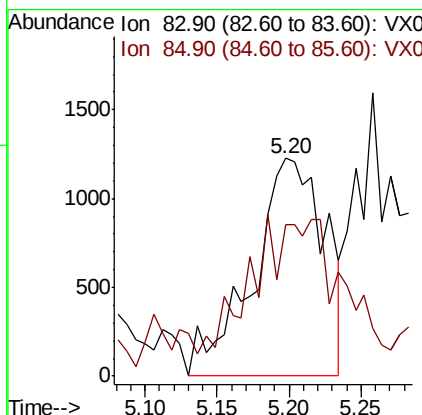
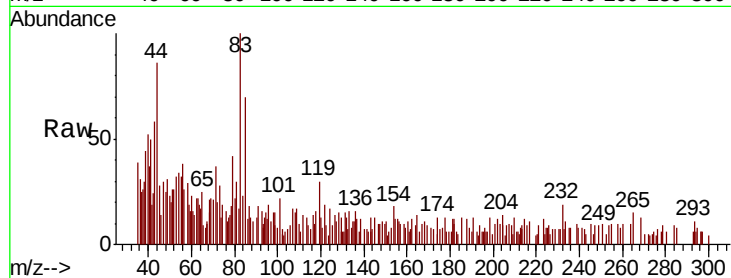




#30
Chloroform
Concen: 0.369 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

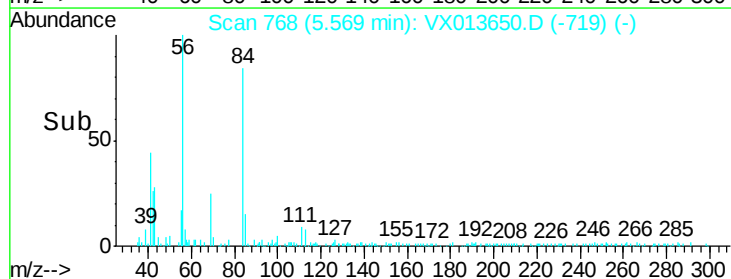
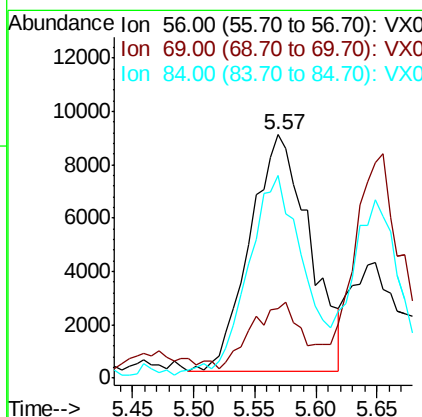
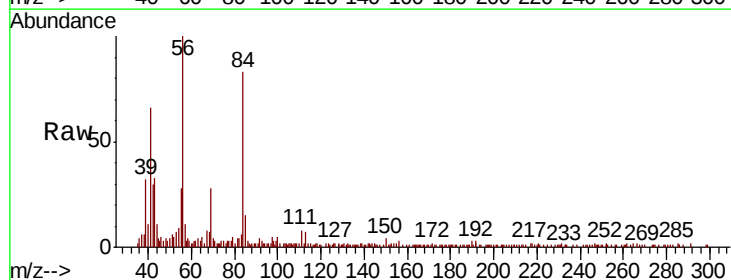
Instrument :
MSVOA_X
ClientSampled :
MW-6DL

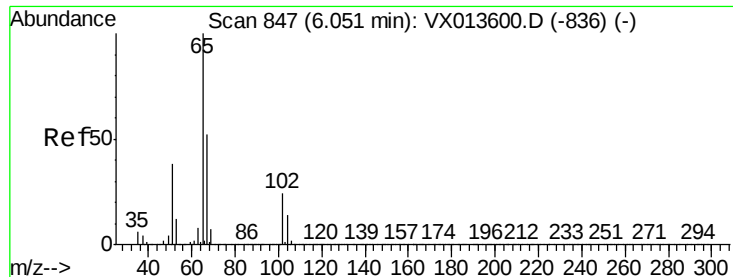
Tot Ion: 83 Resp: 4258
Ion Ratio Lower Upper
83 100
85 50.4 50.2 75.4



#31
Cyclohexane
Concen: 2.824 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

Tgt Ion: 56 Resp: 30270
Ion Ratio Lower Upper
56 100
69 20.8 24.6 36.8#
84 82.4 70.0 105.0





#33

1,2-Dichloroethane-d4

Concen: 49.169 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

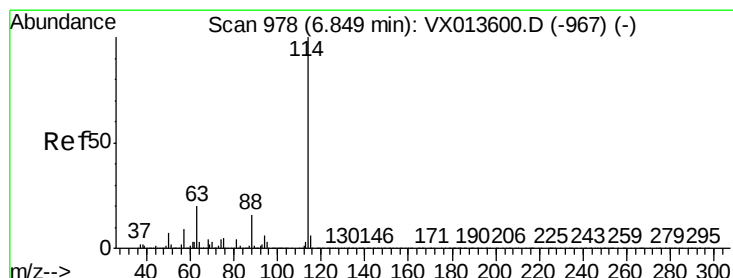
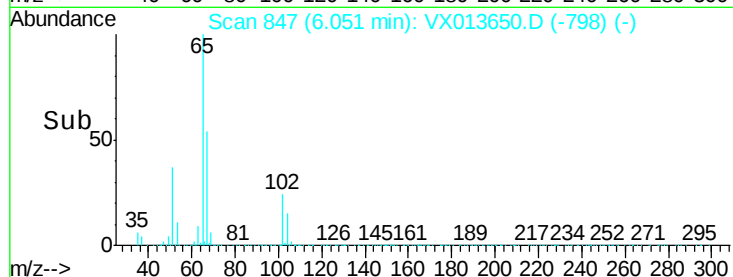
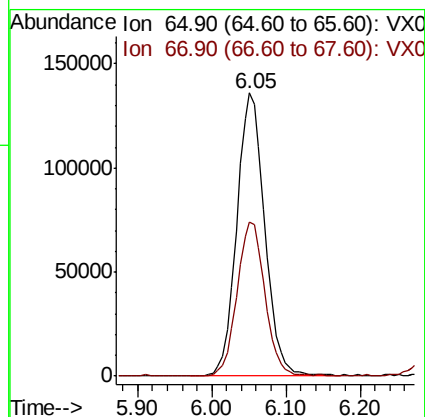
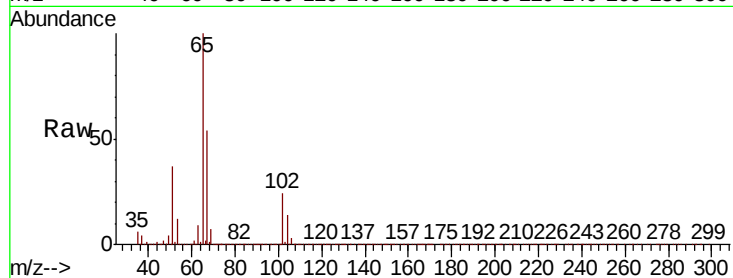
MW-6DL

Tot Ion: 65 Resp: 356750

Ion Ratio Lower Upper

65 100

67 54.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

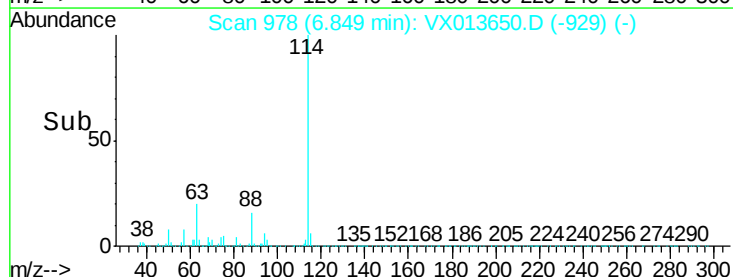
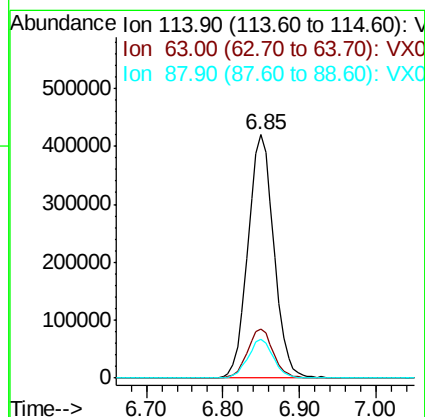
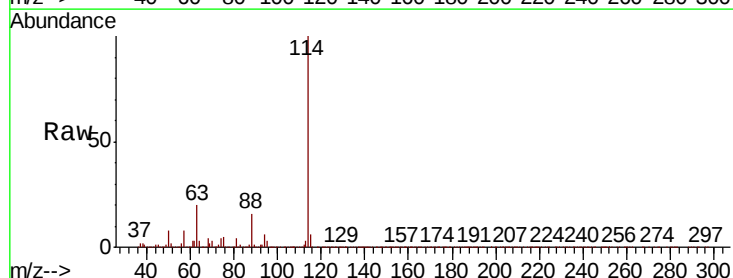
Tgt Ion: 114 Resp: 989738

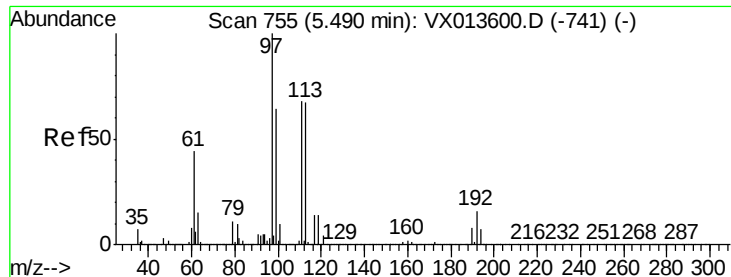
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.737 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampled :

MW-6DL

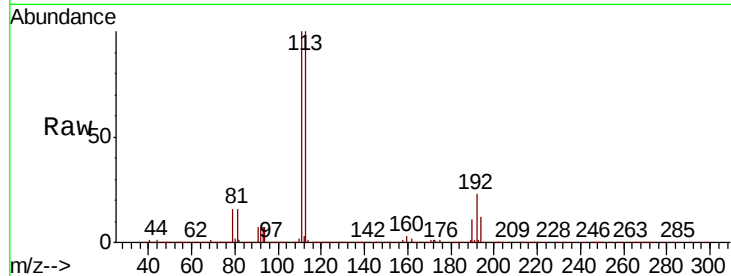
Tot Ion:113 Resp: 292085

Ion Ratio Lower Upper

113 100

111 101.2 83.6 125.4

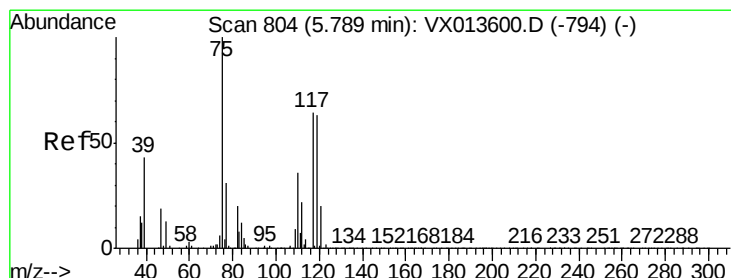
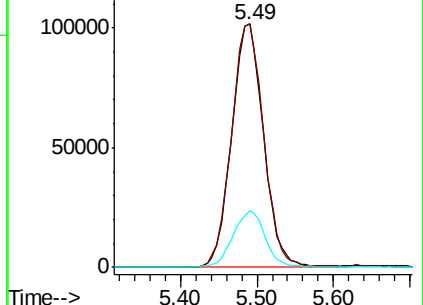
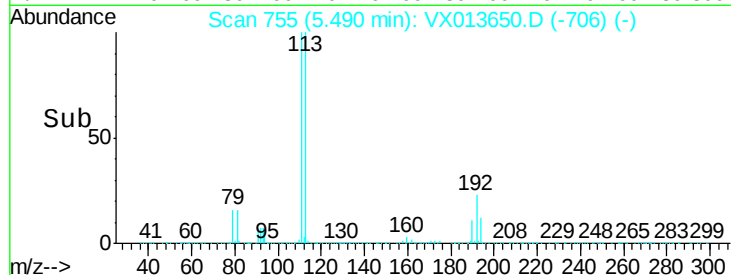
192 23.9 19.2 28.8



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: 4.537 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

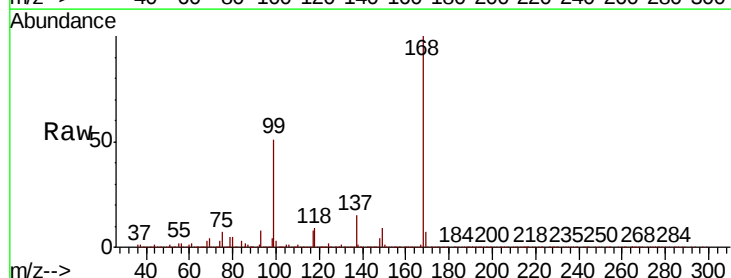
Tgt Ion: 75 Resp: 40760

Ion Ratio Lower Upper

75 100

110 5.5 18.1 54.1#

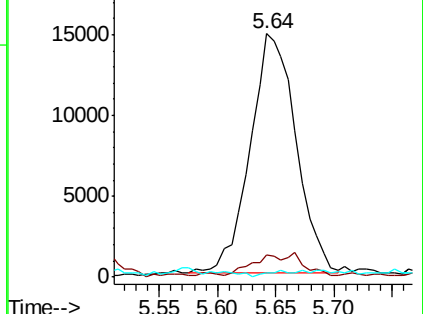
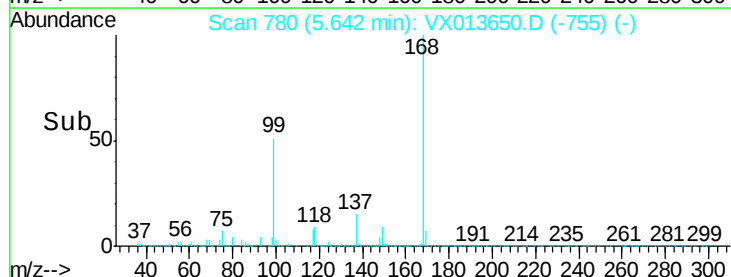
77 1.2 24.5 36.7#

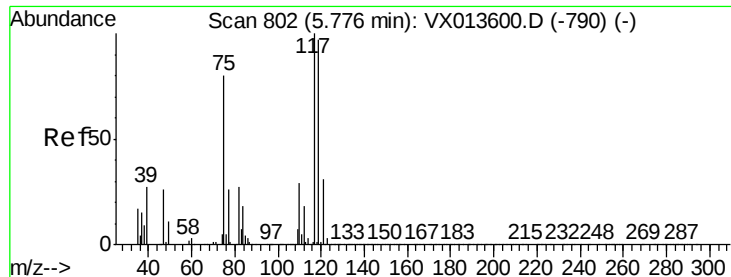


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.701 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampled :

MW-6DL

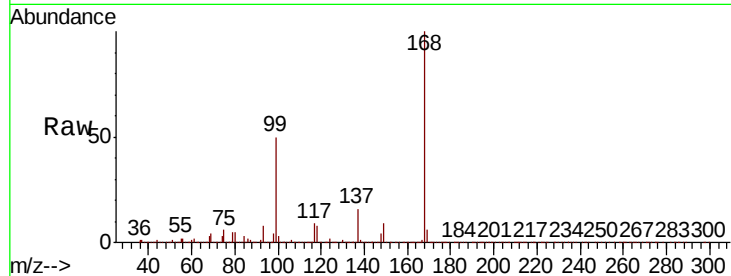
Tot Ion:117 Resp: 55515

Ion Ratio Lower Upper

117 100

119 4.3 77.5 116.3#

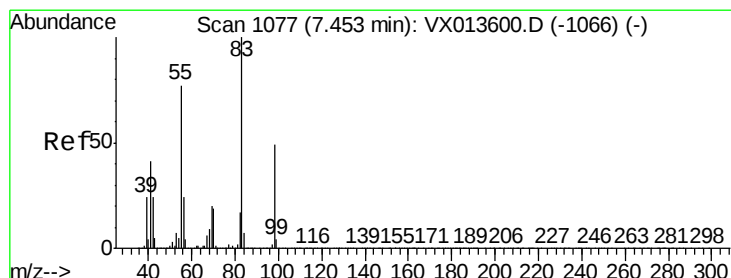
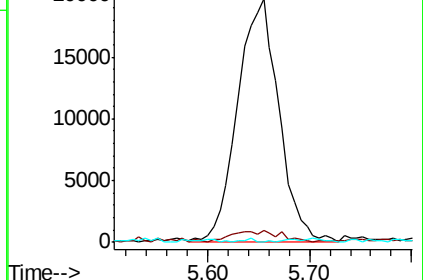
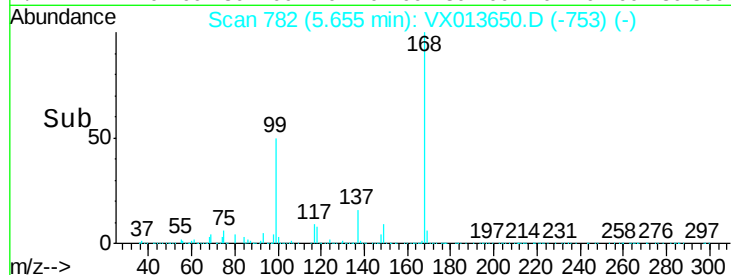
121 0.8 25.0 37.6#



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: 3.558 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

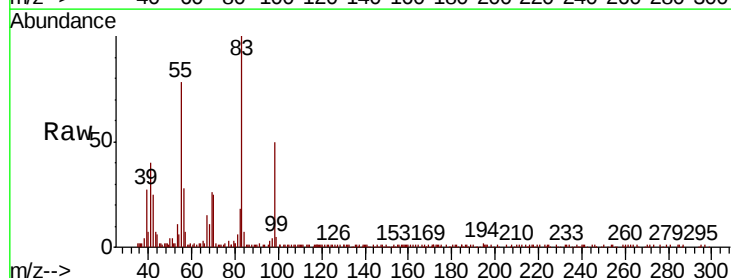
Tgt Ion: 83 Resp: 39512

Ion Ratio Lower Upper

83 100

55 76.6 61.9 92.9

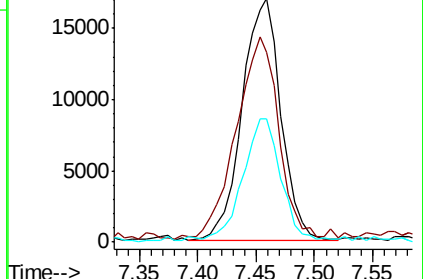
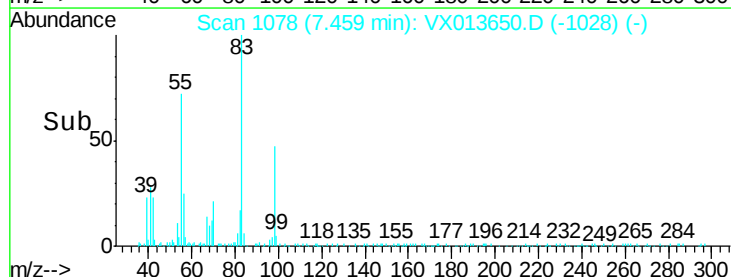
98 49.4 39.4 59.0

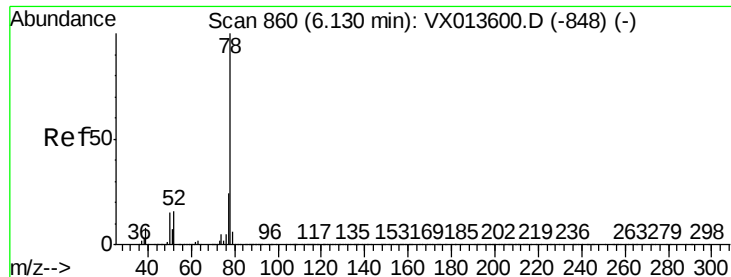


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 98.508 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

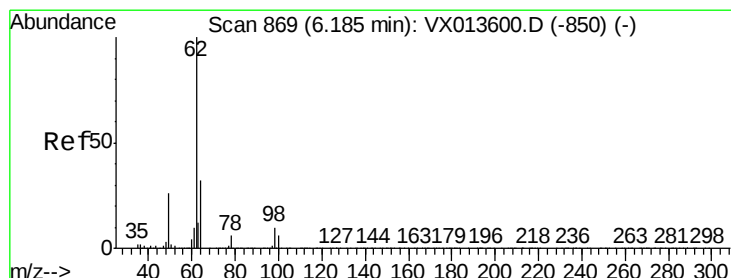
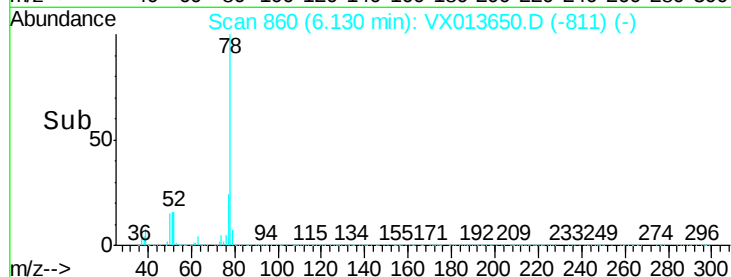
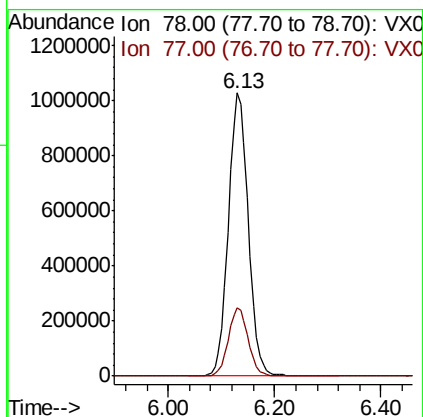
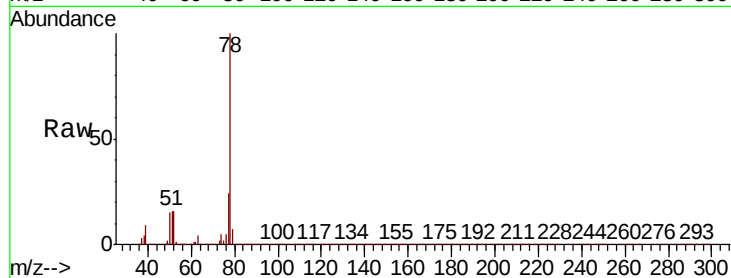
MW-6DL

Tot Ion: 78 Resp: 2695519

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4



#42

1,2-Dichloroethane

Concen: 2.677 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.05 min

Lab File: VX013650.D

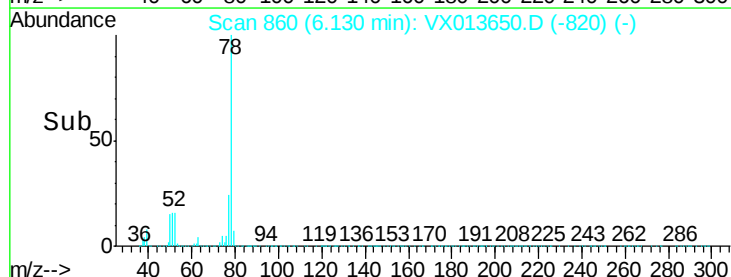
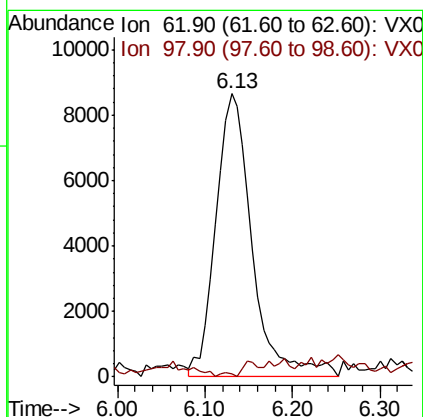
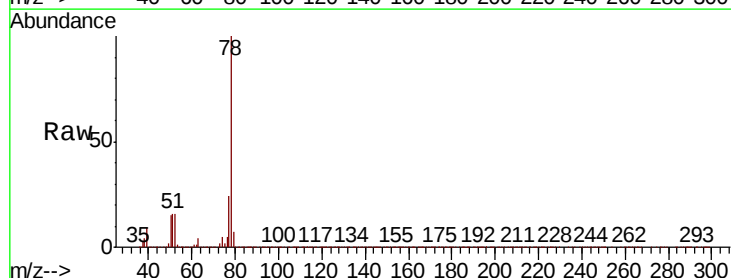
Acq: 27 Nov 2019 14:13

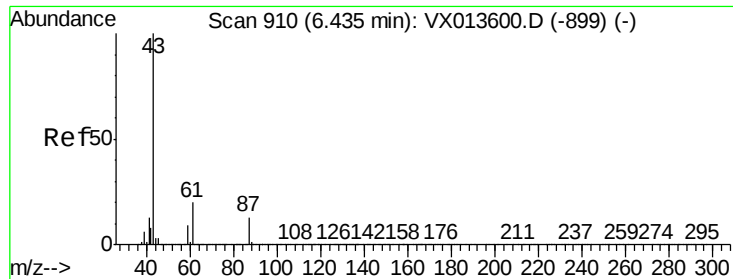
Tgt Ion: 62 Resp: 24985

Ion Ratio Lower Upper

62 100

98 0.4 0.0 20.8



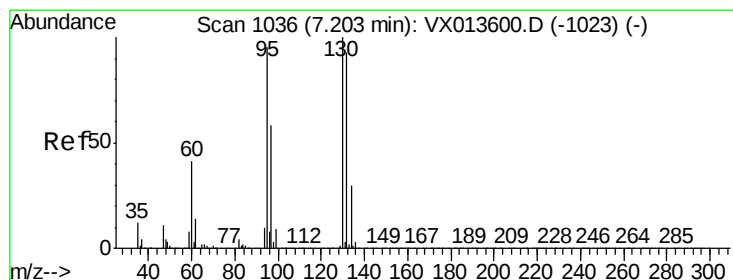
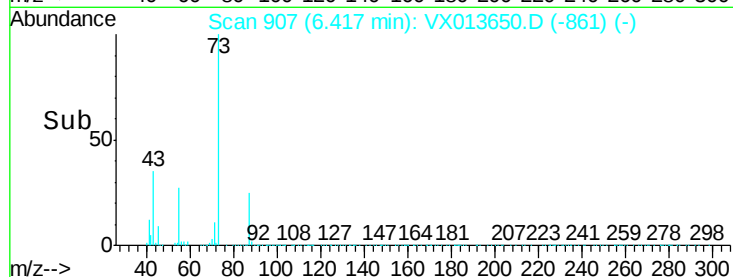
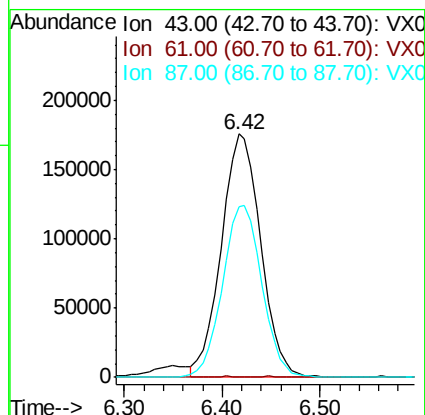
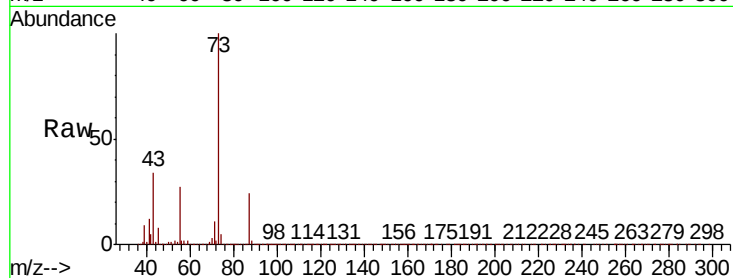


#43

Isopropyl Acetate
 Concen: 29.439 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: VX013650.D
 Acq: 27 Nov 2019 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

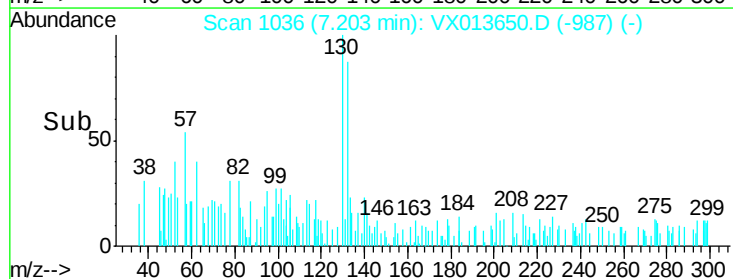
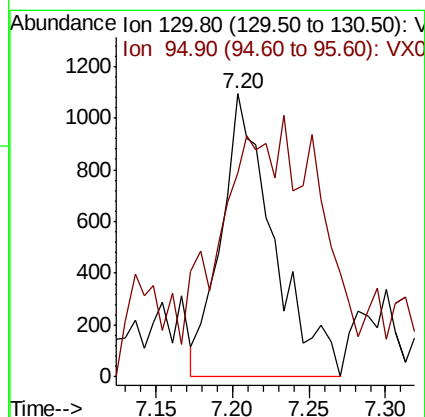
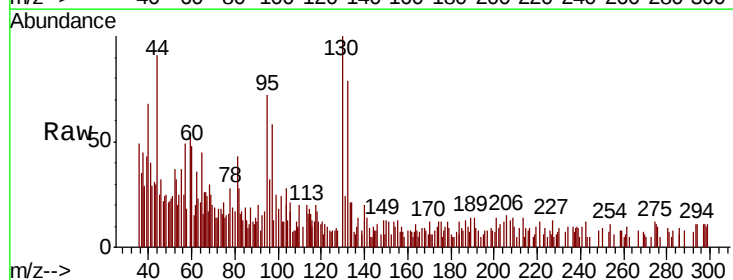
Tot Ion: 43 Resp: 488491
 Ion Ratio Lower Upper
 43 100
 61 0.0 16.3 24.5#
 87 70.6 10.8 16.2#

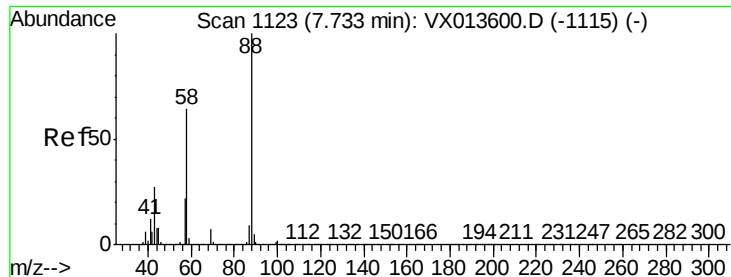


#44

Trichloroethene
 Concen: 0.343 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013650.D
 Acq: 27 Nov 2019 14:13

Tgt Ion: 130 Resp: 2577
 Ion Ratio Lower Upper
 130 100
 95 38.0 0.0 190.8





#49

1,4-Dioxane

Concen: 1.263 ug/l

RT: 7.70 min Scan# 1118

Delta R.T. -0.03 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

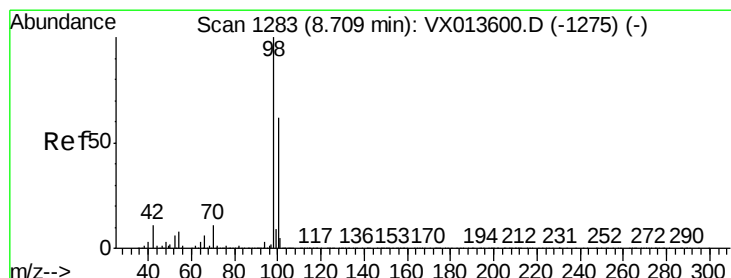
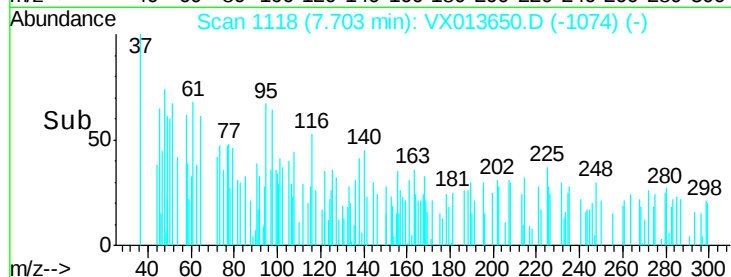
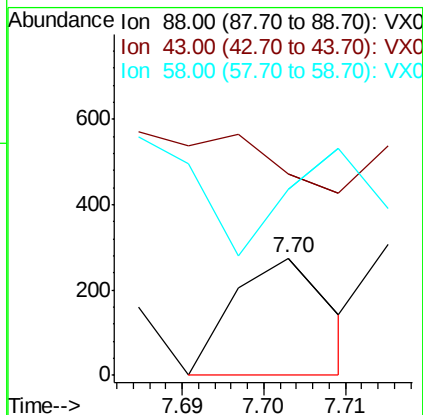
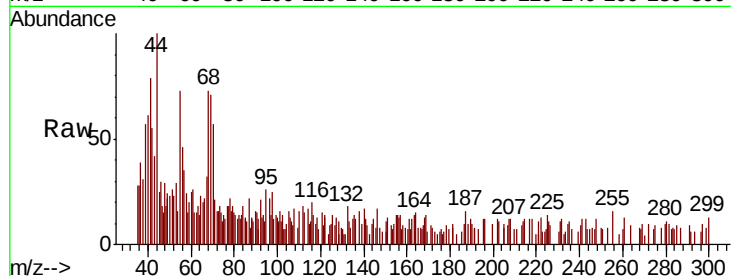
Tot Ion: 88 Resp: 228

Ion Ratio Lower Upper

88 100

43 375.9 25.8 38.6#

58 305.7 54.6 82.0#



#50

Toluene-d8

Concen: 49.808 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013650.D

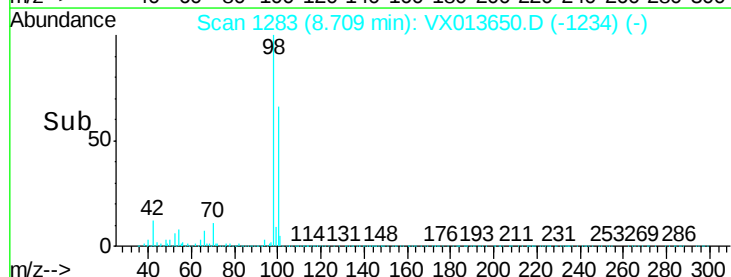
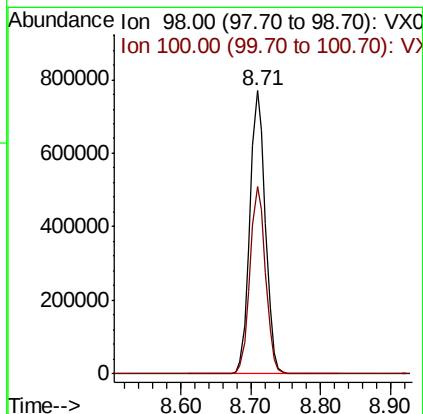
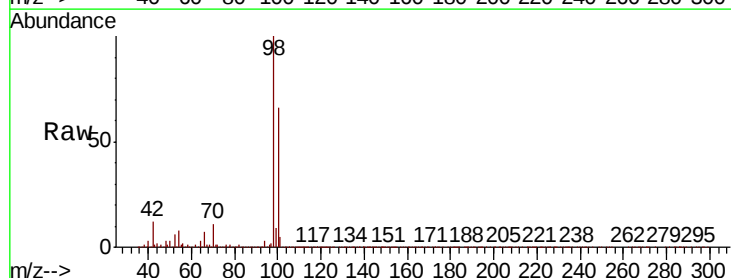
Acq: 27 Nov 2019 14:13

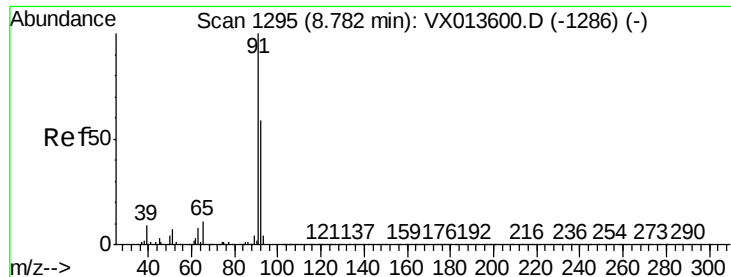
Tgt Ion: 98 Resp: 1187376

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7





#52

Toluene

Concen: 29.111 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

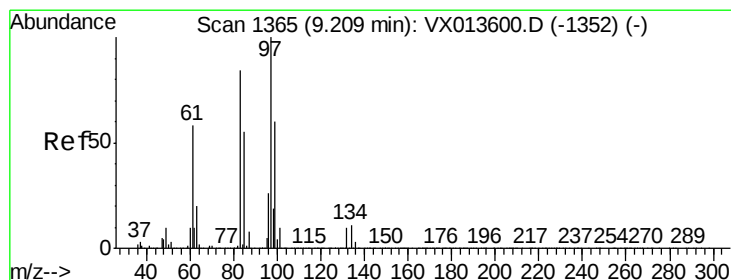
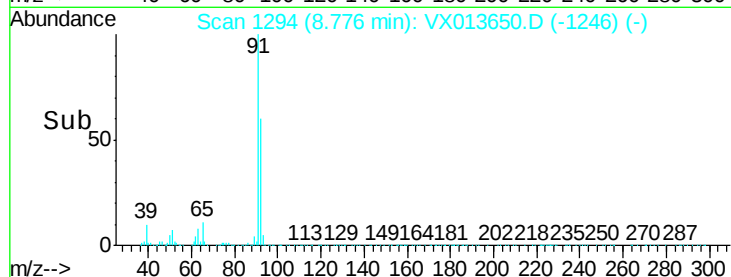
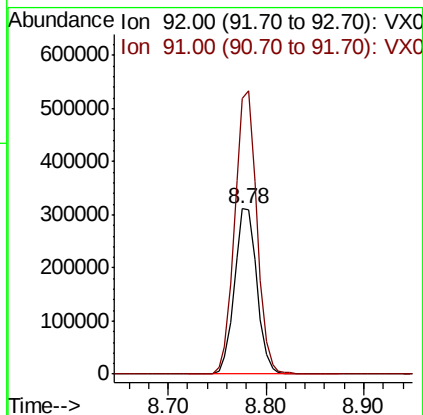
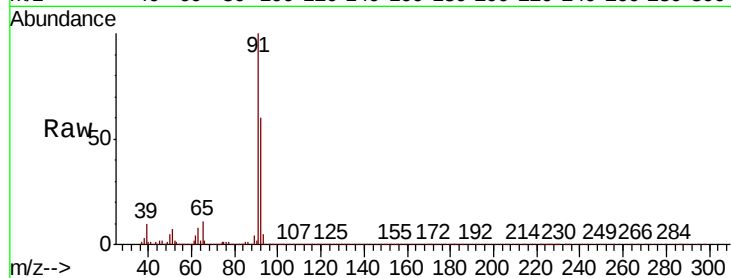
MW-6DL

Tot Ion: 92 Resp: 494869

Ion Ratio Lower Upper

92 100

91 168.8 136.2 204.2



#55

1,1,2-Trichloroethane

Concen: 1.131 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Tgt Ion: 97 Resp: 7749

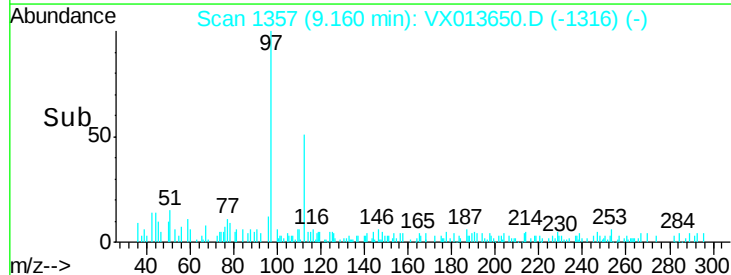
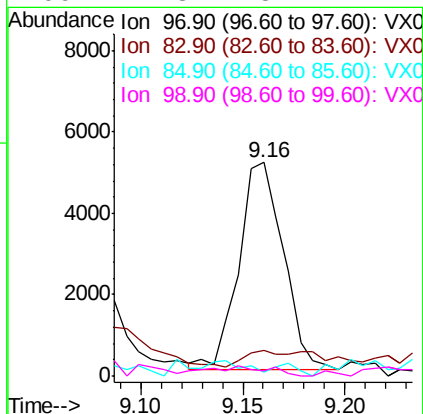
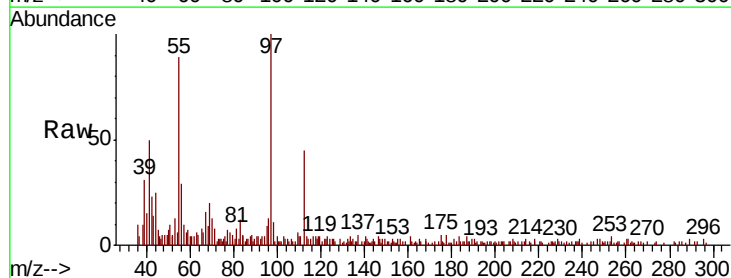
Ion Ratio Lower Upper

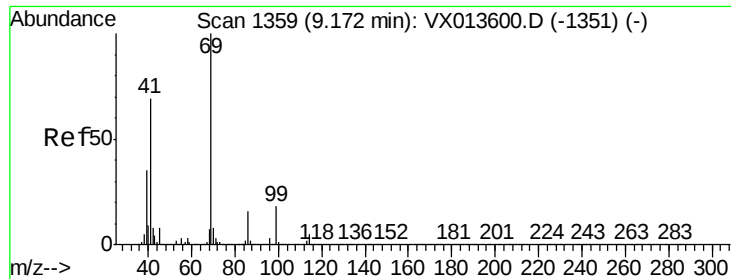
97 100

83 6.2 67.3 100.9#

85 0.0 43.6 65.4#

99 1.3 48.2 72.4#





#56

Ethyl methacrylate

Concen: 0.237 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

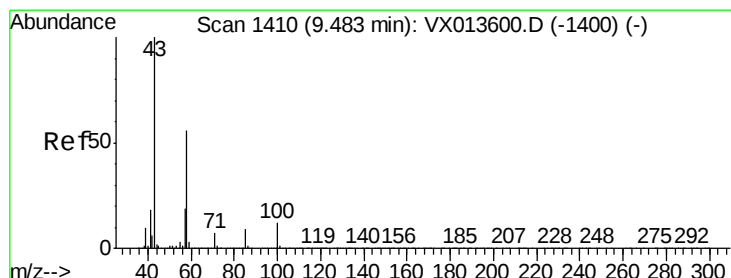
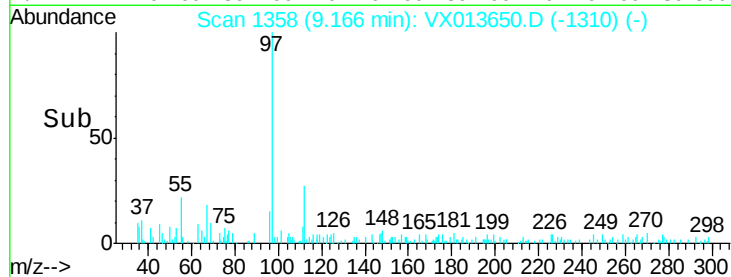
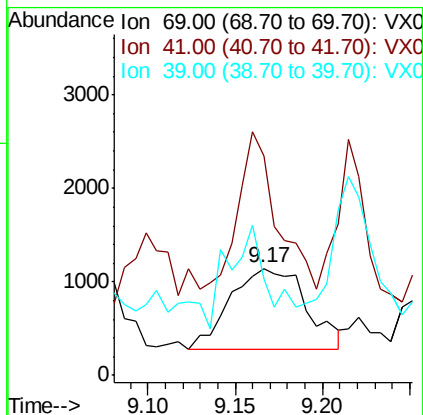
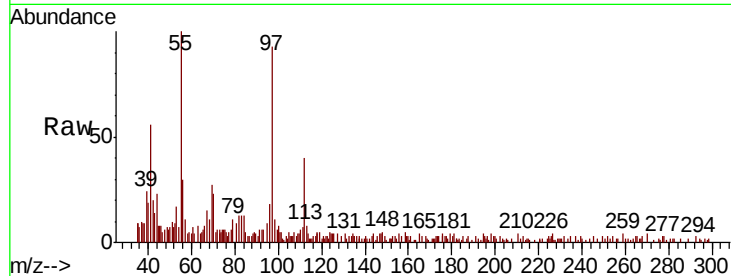
Tot Ion: 69.00 Resp: 2607

Ion Ratio Lower Upper

69 100

41 96.7 55.0 82.4#

39 66.6 28.7 43.1#



#59

2-Hexanone

Concen: 0.233 ug/l

RT: 9.51 min Scan# 1414

Delta R.T. 0.02 min

Lab File: VX013650.D

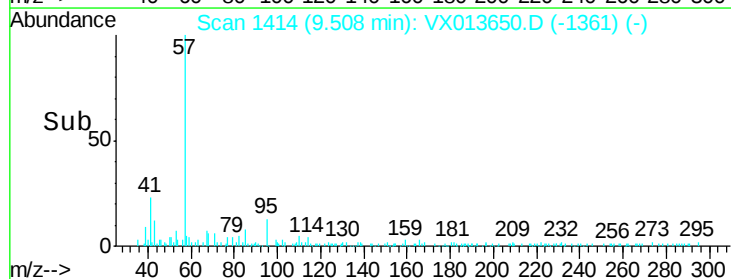
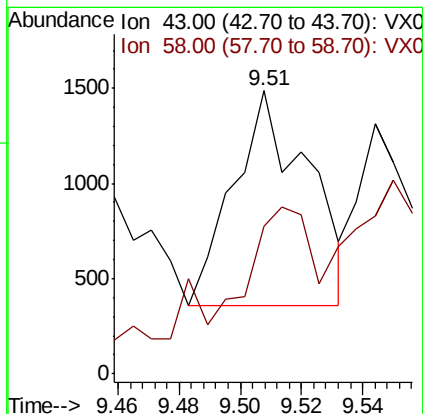
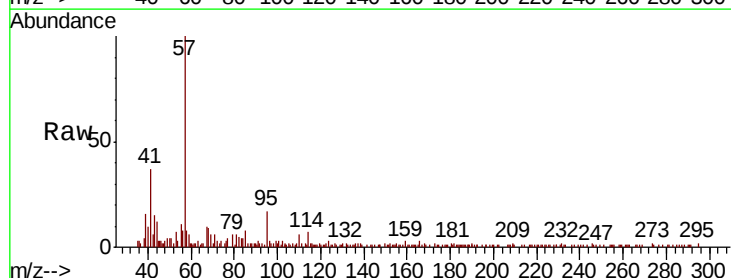
Acq: 27 Nov 2019 14:13

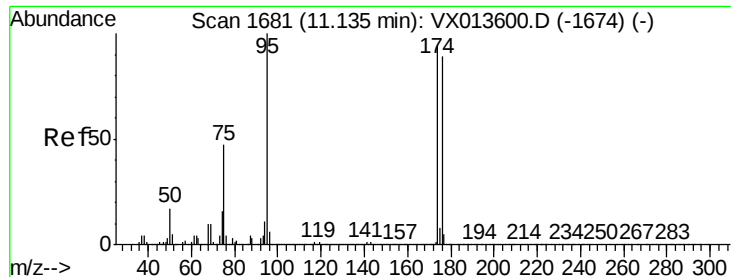
Tgt Ion: 43 Resp: 1896

Ion Ratio Lower Upper

43 100

58 51.1 28.1 84.4





#62

4-Bromofluorobenzene

Concen: 50.159 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

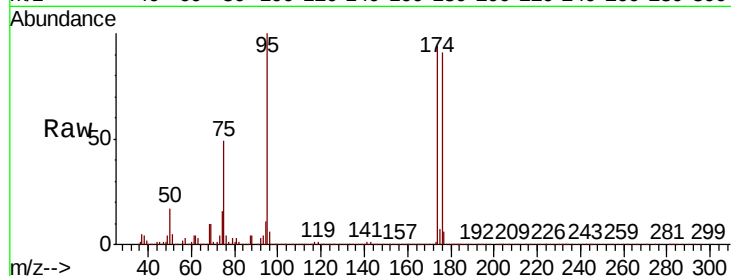
Tot Ion: 95 Resp: 431186

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.0

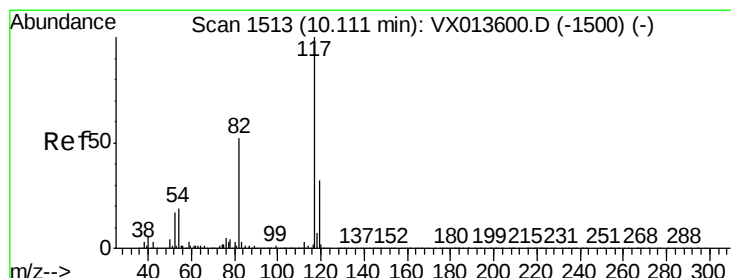
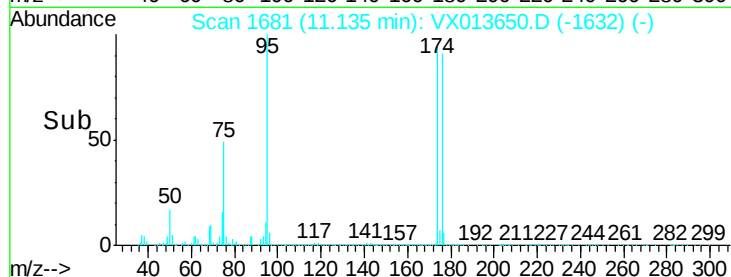
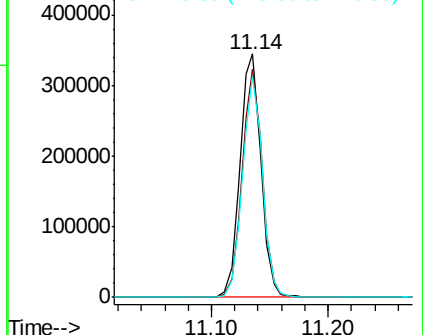
176 87.2 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

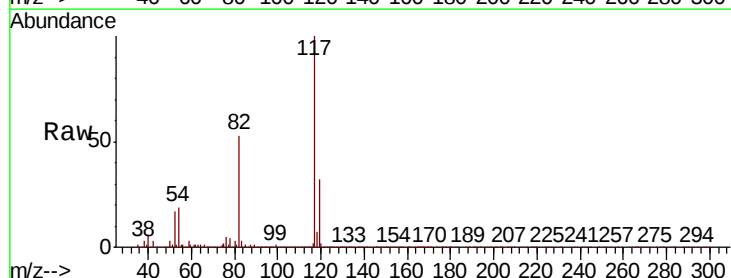
Tgt Ion: 117 Resp: 905947

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.8

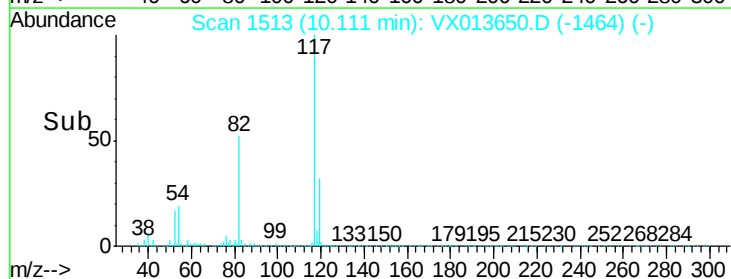
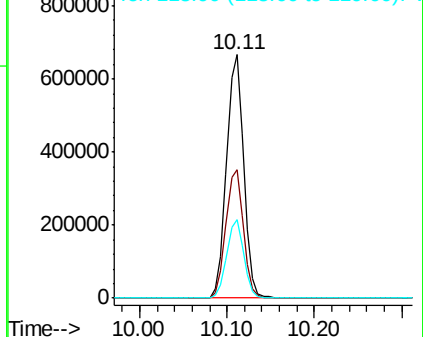
119 32.2 25.8 38.8

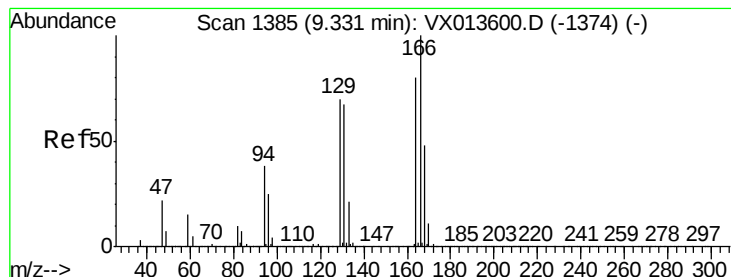


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.215 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

Tot Ion:164 Resp: 1451

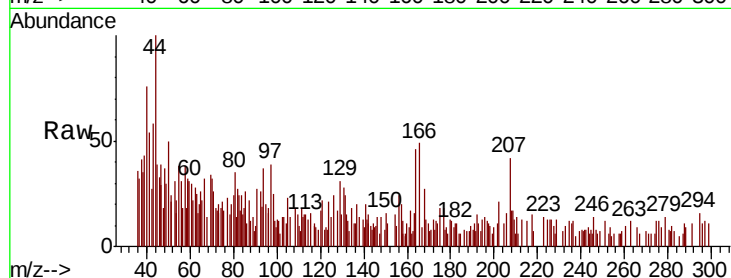
Ion Ratio Lower Upper

164 100

166 76.0 99.7 149.5#

129 37.3 70.1 105.1#

131 68.1 66.9 100.3



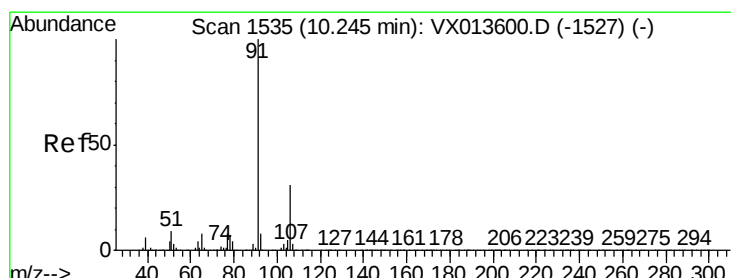
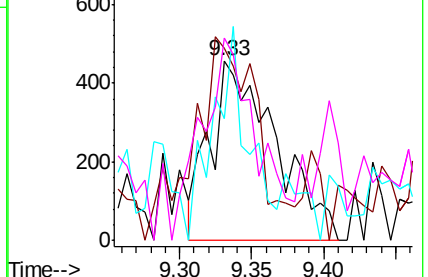
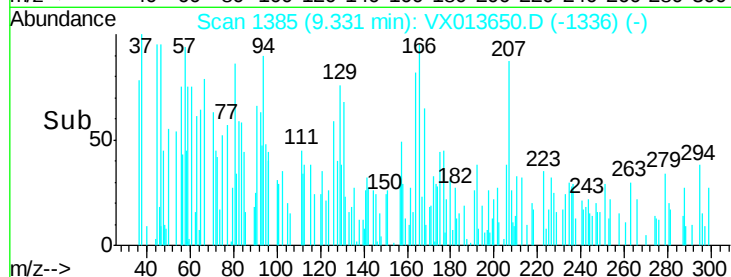
Abundance Ion 163.80 (163.50 to 164.50): V

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

Time-->



#67

Ethyl Benzene

Concen: 72.417 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013650.D

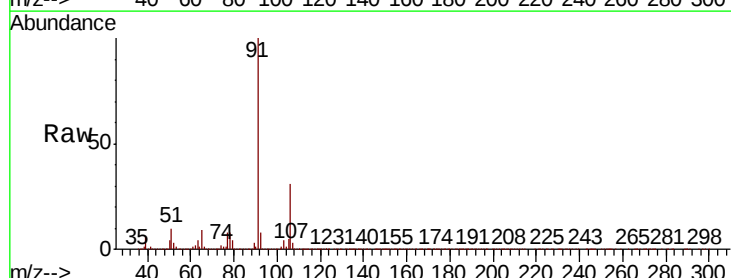
Acq: 27 Nov 2019 14:13

Tgt Ion: 91 Resp: 2340632

Ion Ratio Lower Upper

91 100

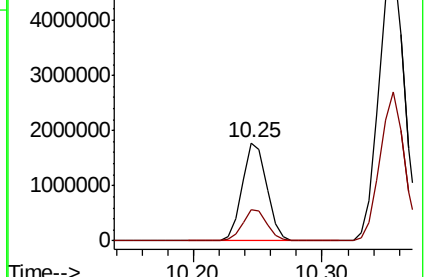
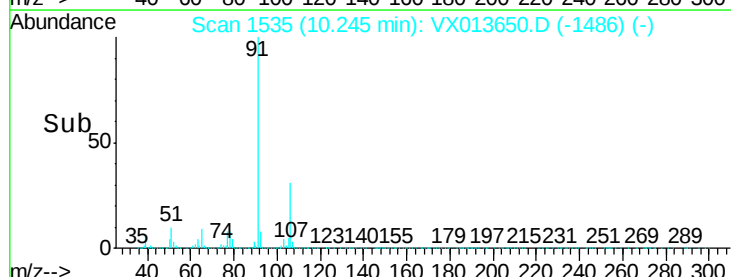
106 31.5 24.5 36.7

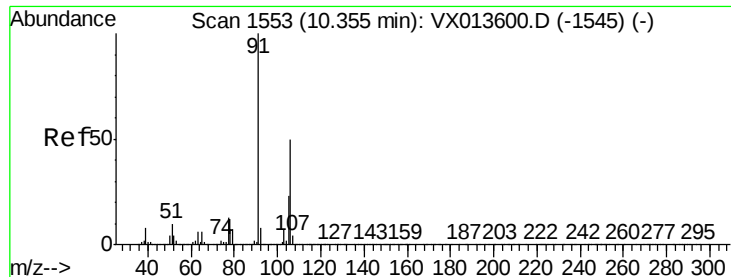


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

Time-->





#68

m/p-Xylenes

Concen: 284.129 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampled :

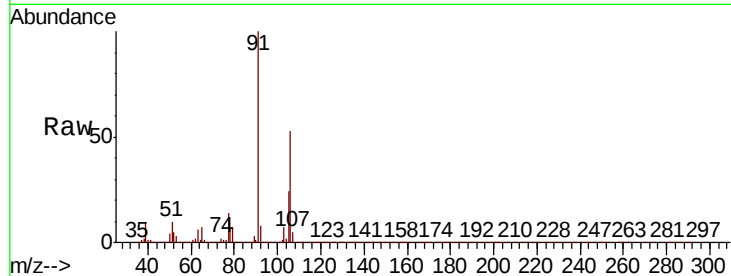
MW-6DL

Tot Ion:106 Resp: 3515971

Ion Ratio Lower Upper

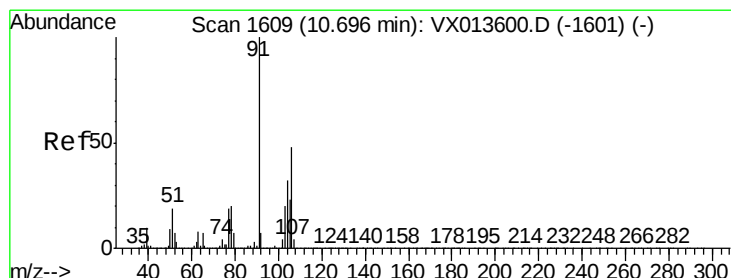
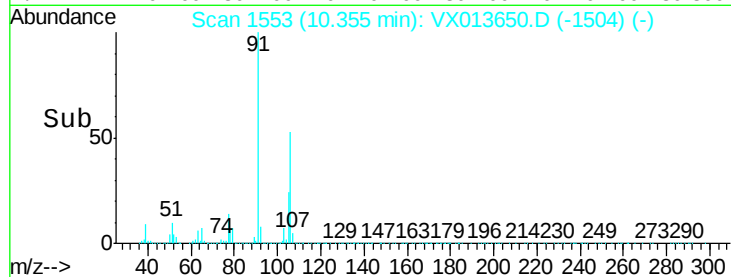
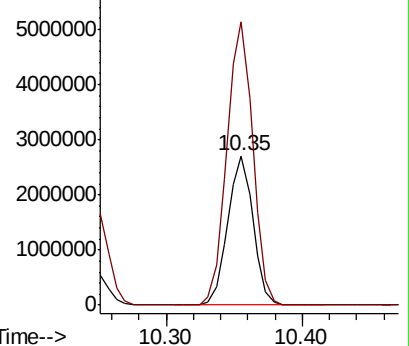
106 100

91 194.2 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 85.740 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013650.D

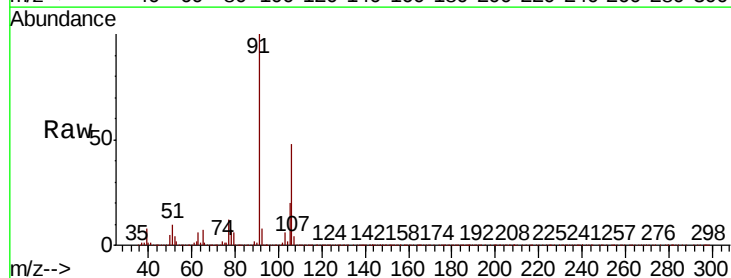
Acq: 27 Nov 2019 14:13

Tgt Ion:106 Resp: 1034782

Ion Ratio Lower Upper

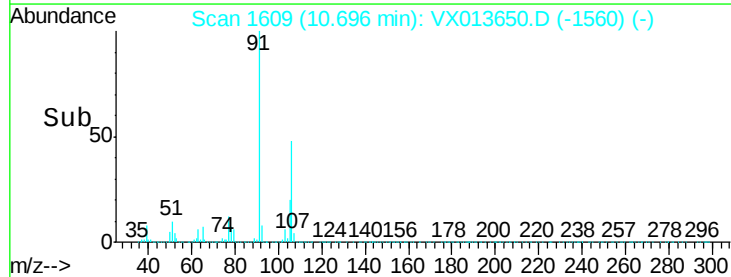
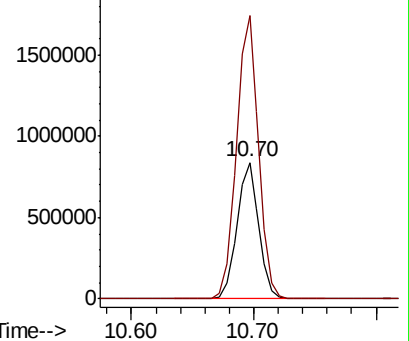
106 100

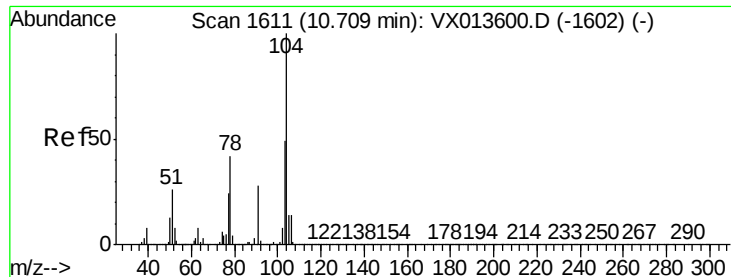
91 211.0 104.1 312.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

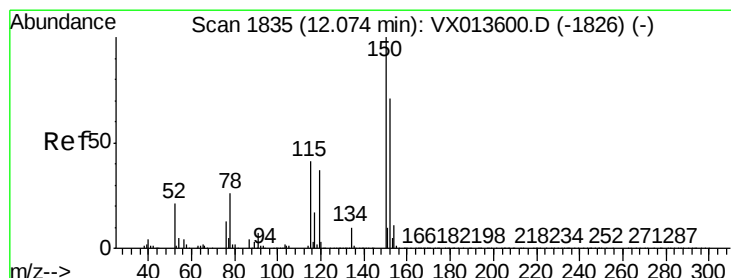
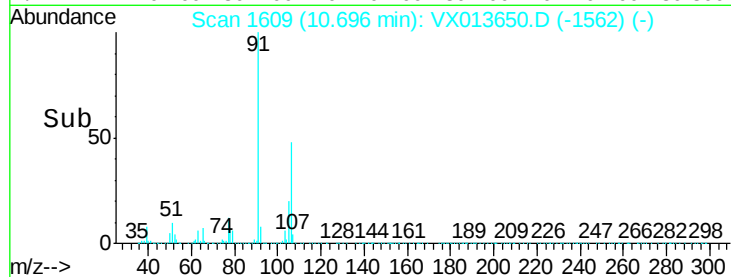
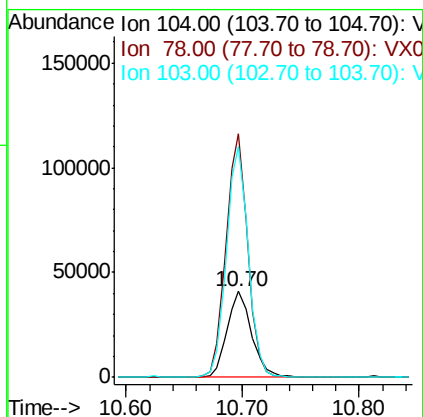
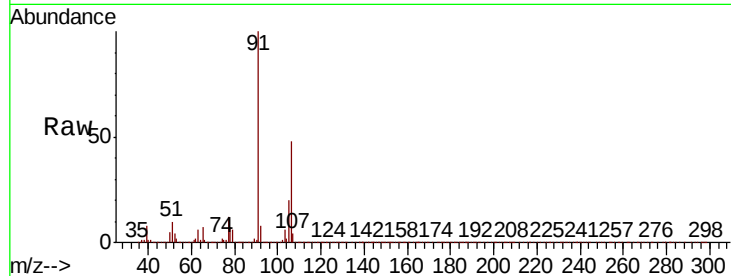




#70
Stvrene
Concen: 2.957 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

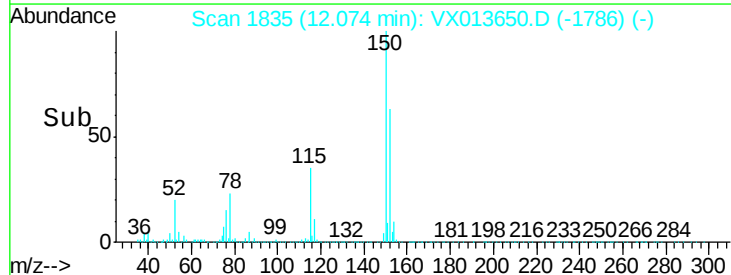
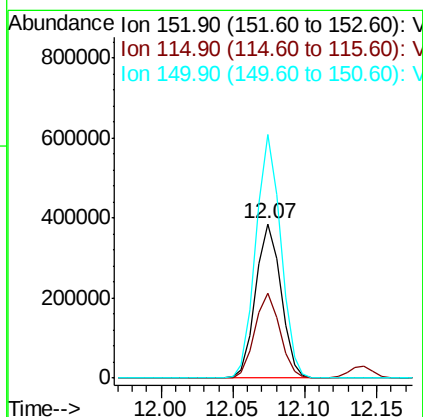
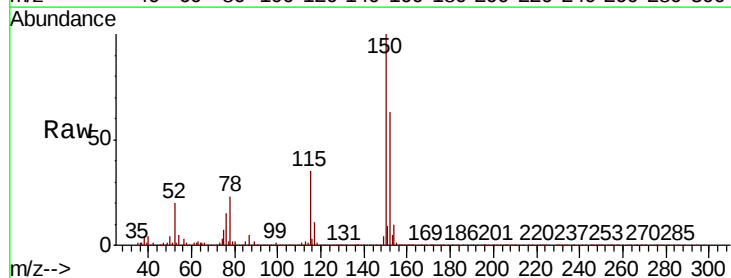
Instrument :
MSVOA_X
ClientSampled :
MW-6DL

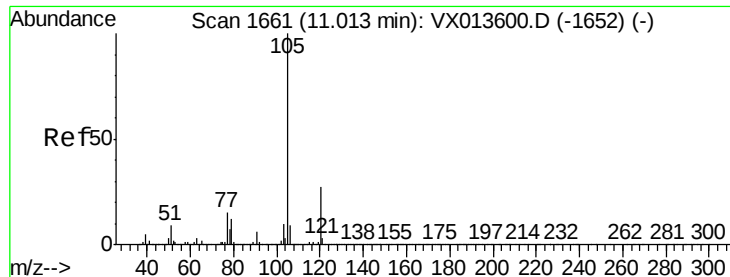
Tot Ion:104 Resp: 60041
Ion Ratio Lower Upper
104 100
78 249.2 38.5 57.7#
103 237.0 43.7 65.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

Tgt Ion:152 Resp: 466290
Ion Ratio Lower Upper
152 100
115 54.4 38.4 115.1
150 155.3 0.0 346.8





#73

Isopropylbenzene

Concen: 3.334 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

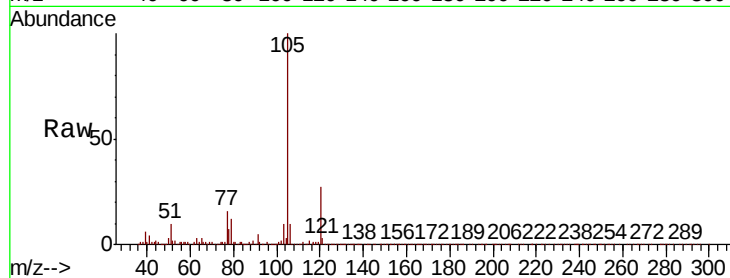
MW-6DL

Tot Ion:105 Resp: 109053

Ion Ratio Lower Upper

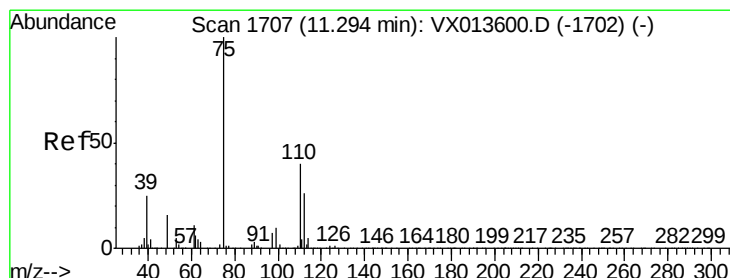
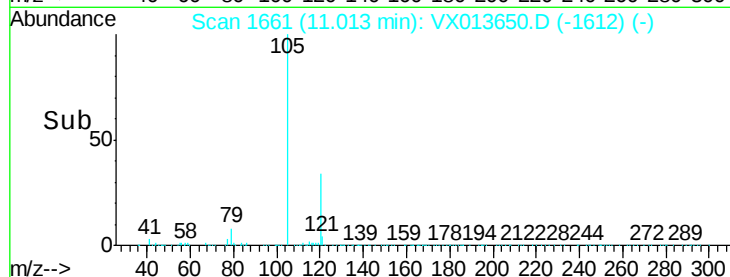
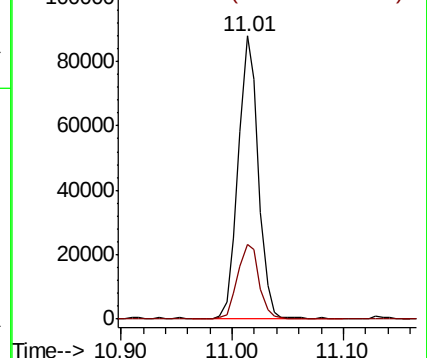
105 100

120 28.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 1.147 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.13 min

Lab File: VX013650.D

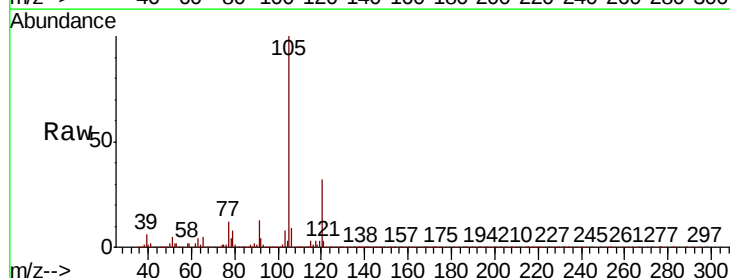
Acq: 27 Nov 2019 14:13

Tgt Ion: 75 Resp: 12029

Ion Ratio Lower Upper

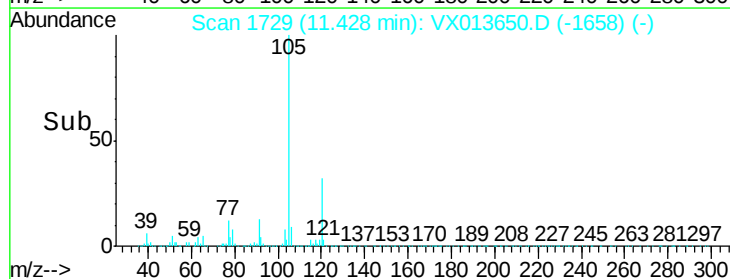
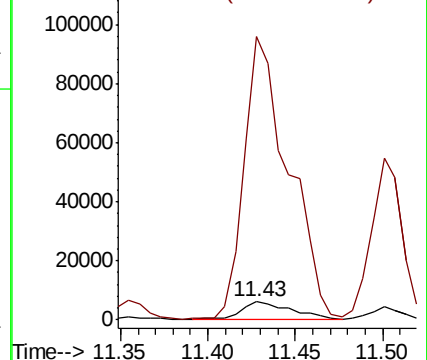
75 100

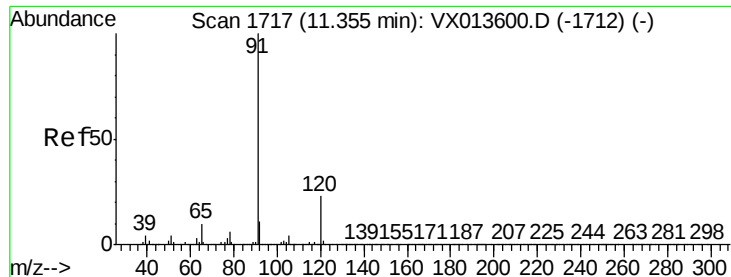
77 1409.2 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 5.206 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

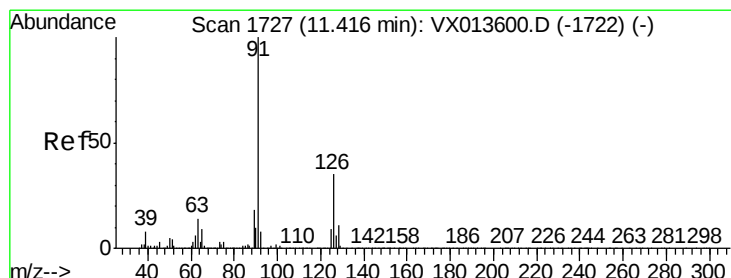
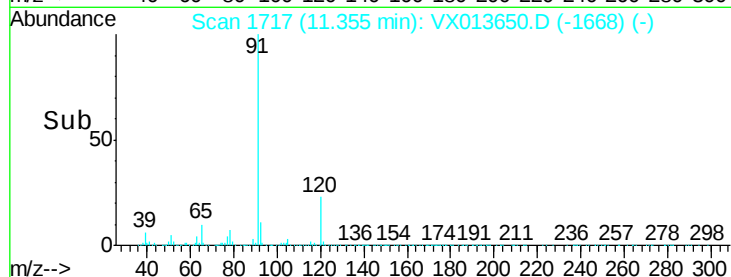
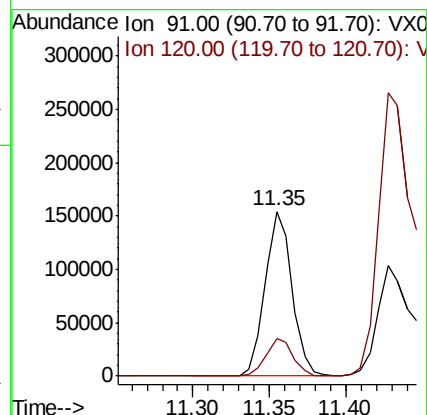
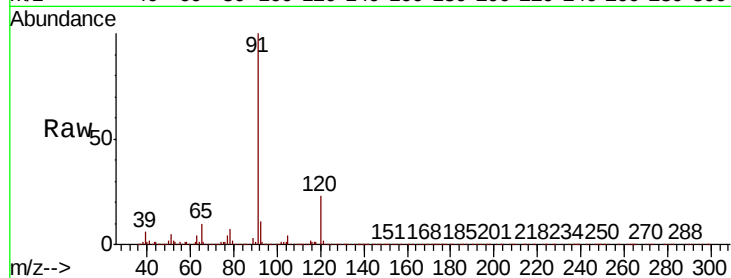
MW-6DL

Tot Ion: 91 Resp: 190082

Ion Ratio Lower Upper

91 100

120 23.0 11.8 35.3



#79

2-Chlorotoluene

Concen: 8.160 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.01 min

Lab File: VX013650.D

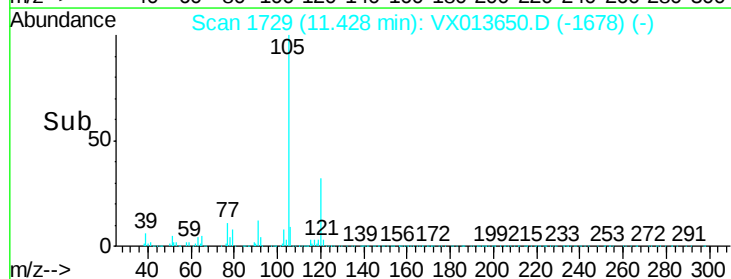
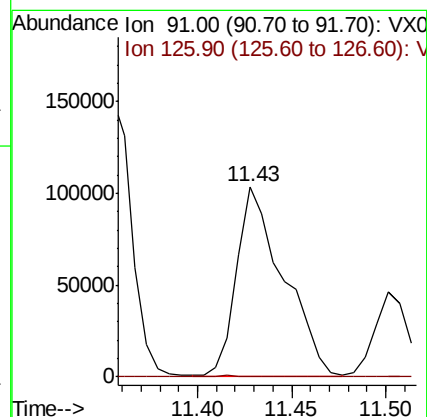
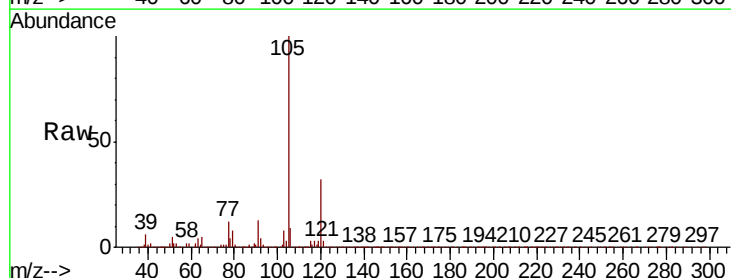
Acq: 27 Nov 2019 14:13

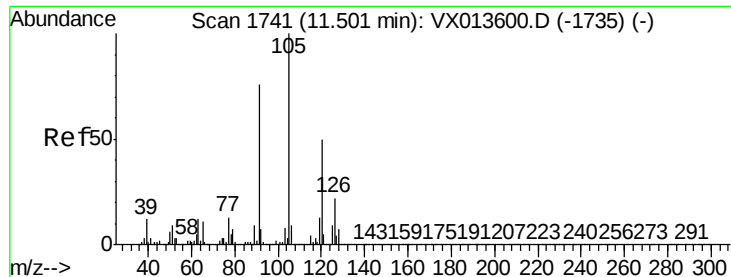
Tgt Ion: 91 Resp: 178738

Ion Ratio Lower Upper

91 100

126 0.8 17.5 52.5#





#80

1,3,5-Trimethylbenzene

Concen: 19.832 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

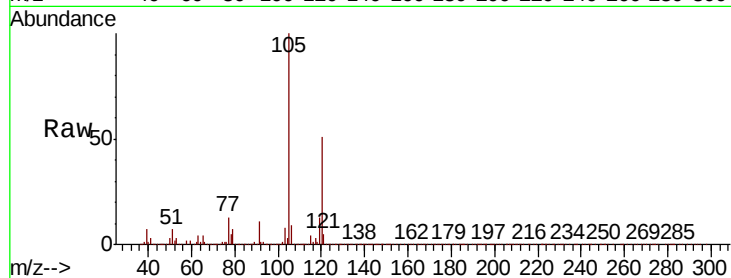
MW-6DL

Tot Ion:105 Resp: 531649

Ion Ratio Lower Upper

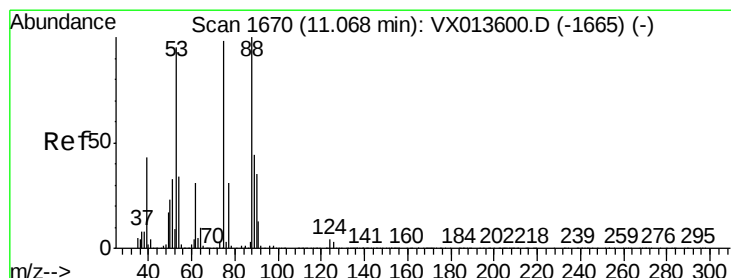
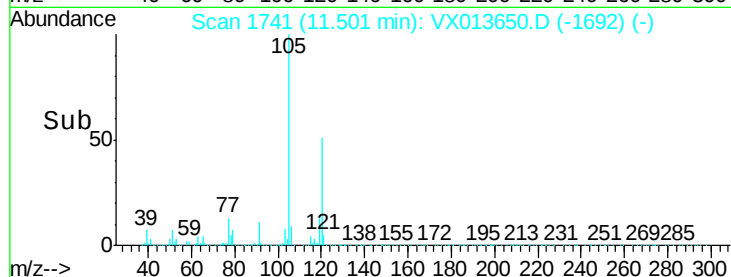
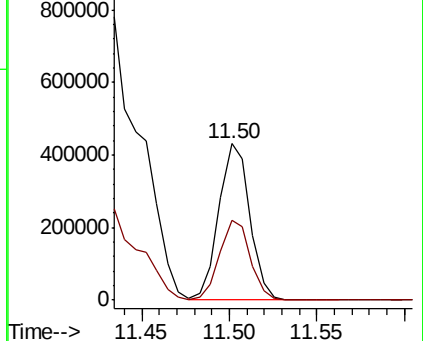
105 100

120 50.7 25.3 75.9



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: 55.325 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

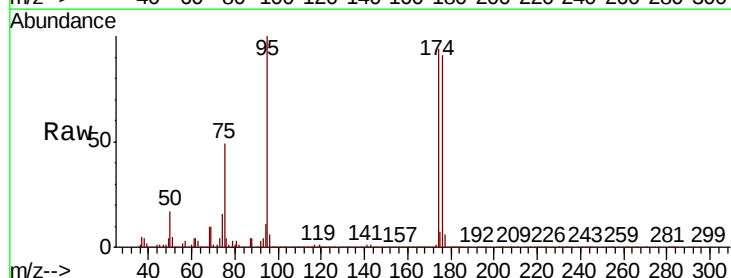
Tgt Ion: 75 Resp: 212087

Ion Ratio Lower Upper

75 100

53 0.3 78.2 117.2#

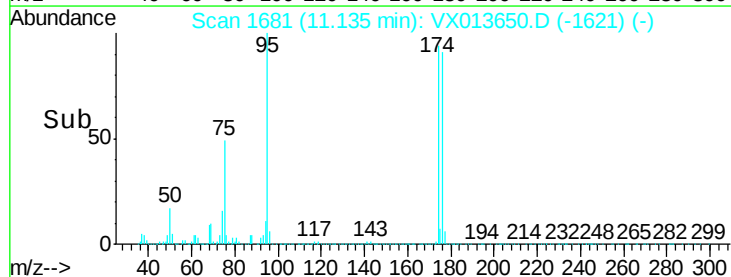
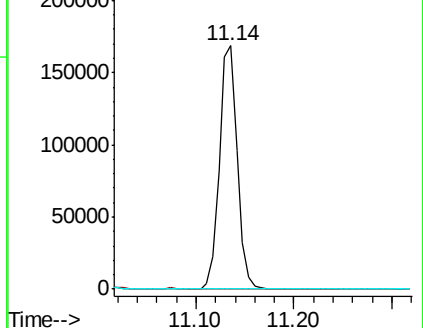
89 0.0 35.4 53.2#

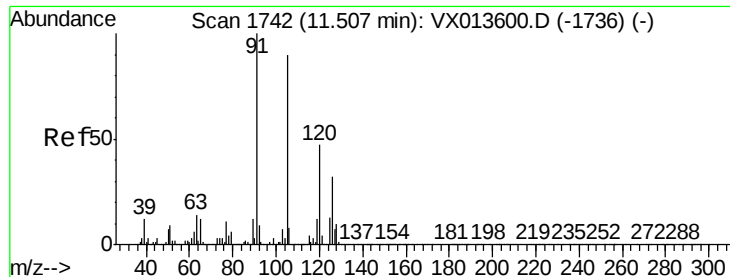


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 2.223 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

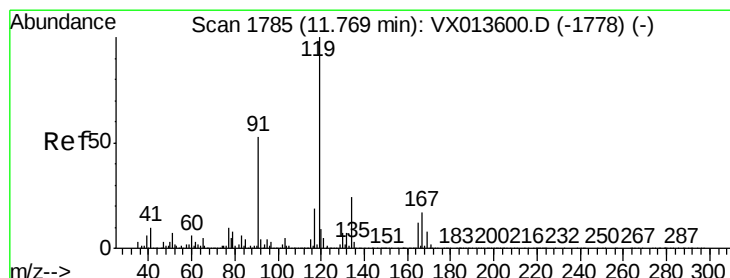
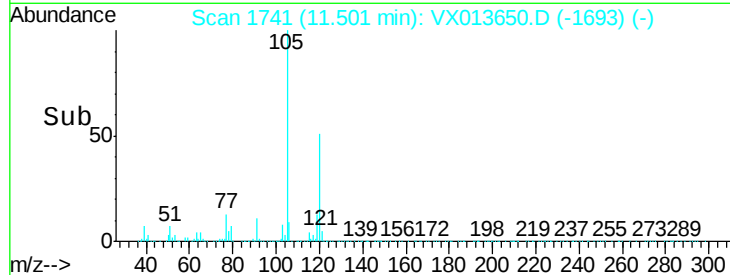
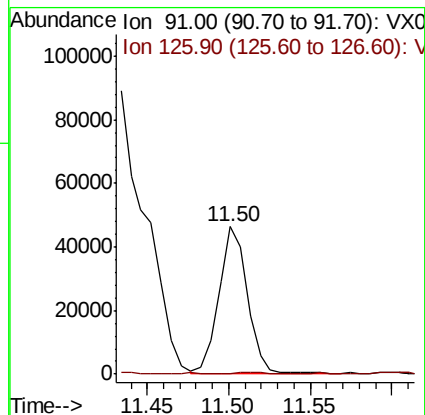
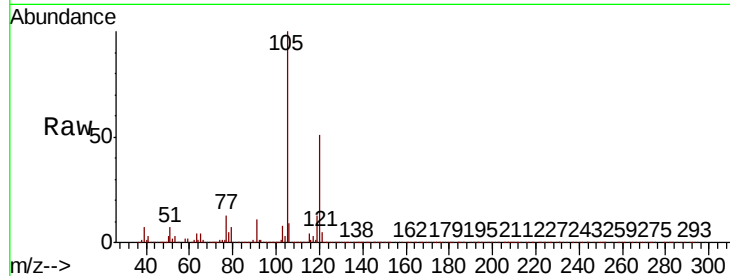
MW-6DL

Tot Ion: 91 Resp: 56383

Ion Ratio Lower Upper

91 100

126 1.1 15.7 47.0#



#83

tert-Butylbenzene

Concen: 11.919 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.04 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

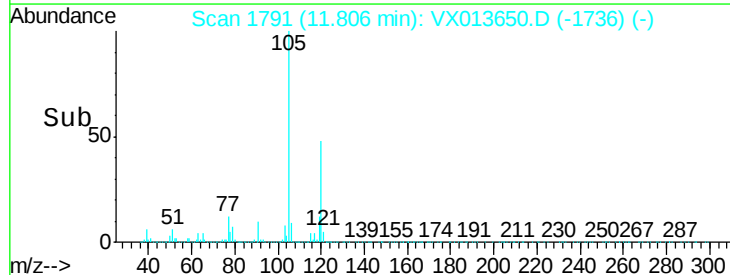
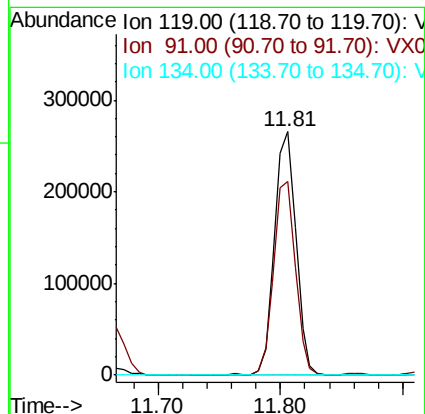
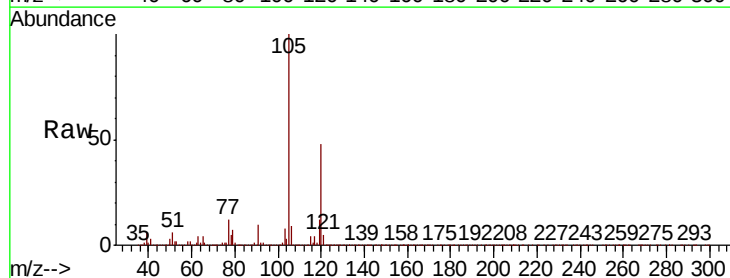
Tgt Ion: 119 Resp: 324720

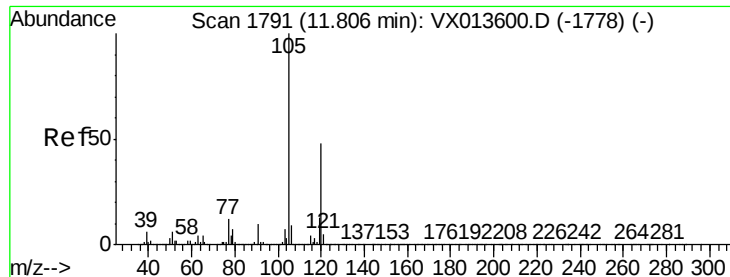
Ion Ratio Lower Upper

119 100

91 80.5 27.2 81.6

134 0.0 11.7 35.1#

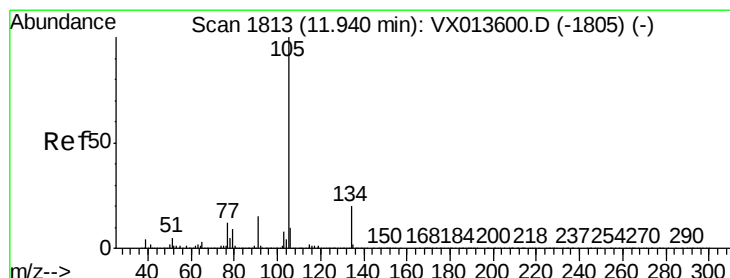
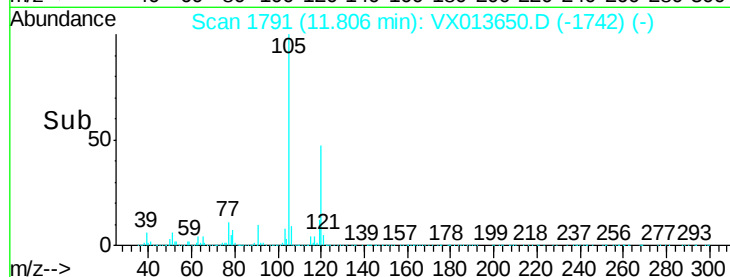
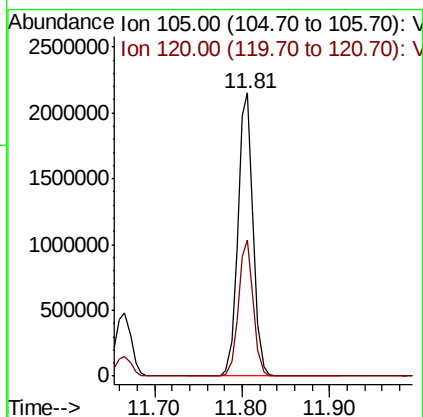
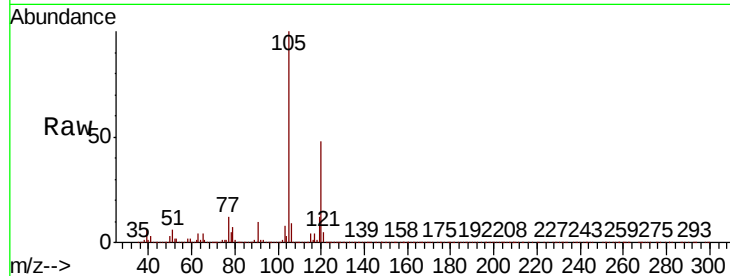




#84
 1,2,4-Trimethylbenzene
 Concen: 96.136 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX013650.D
 Acq: 27 Nov 2019 14:13

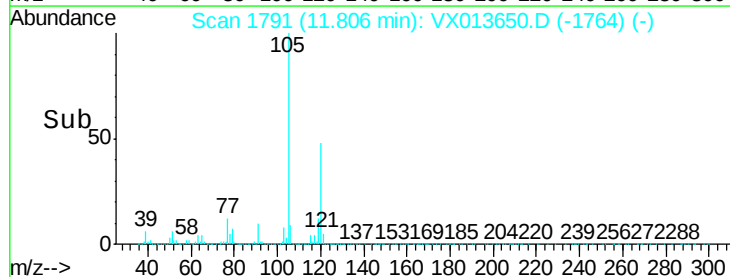
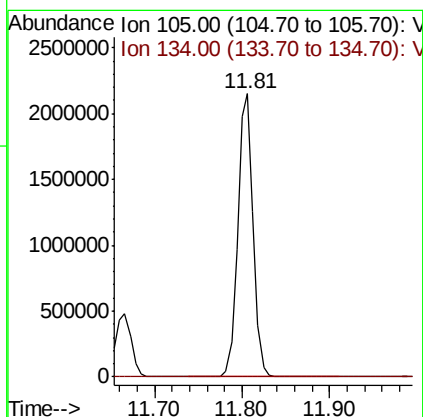
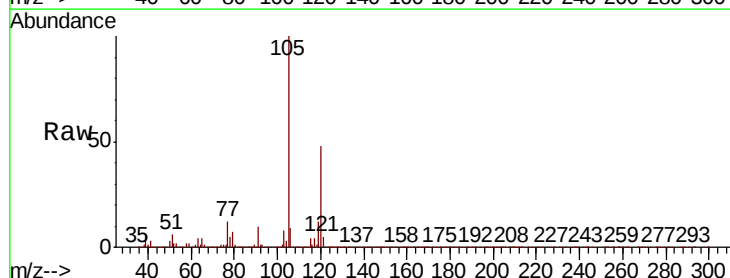
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

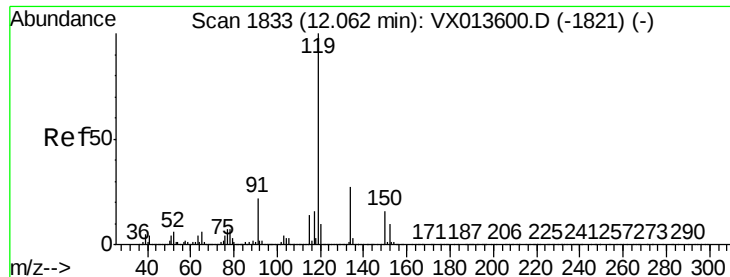
Tot Ion:105 Resp: 2615584
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 84.051 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.13 min
 Lab File: VX013650.D
 Acq: 27 Nov 2019 14:13

Tgt Ion:105 Resp: 2615584
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#

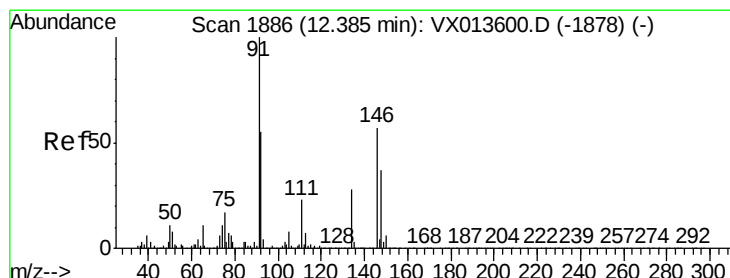
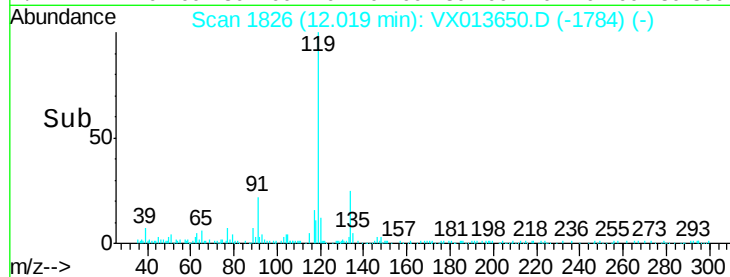
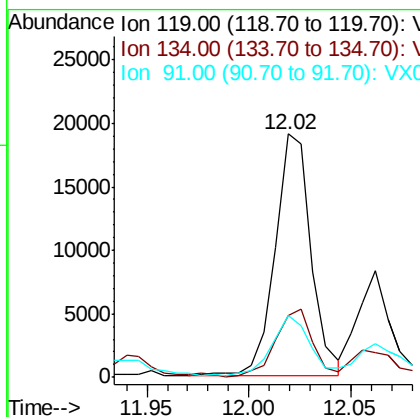
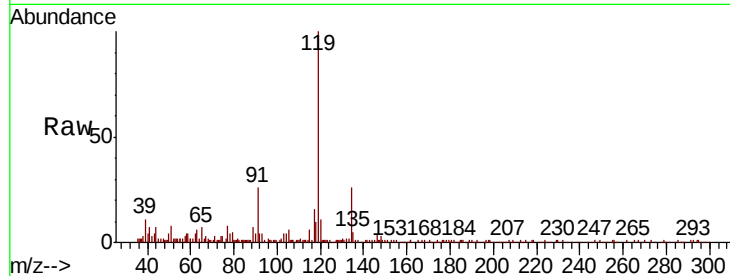




#86
p-Isopropyltoluene
Concen: 0.807 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.04 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

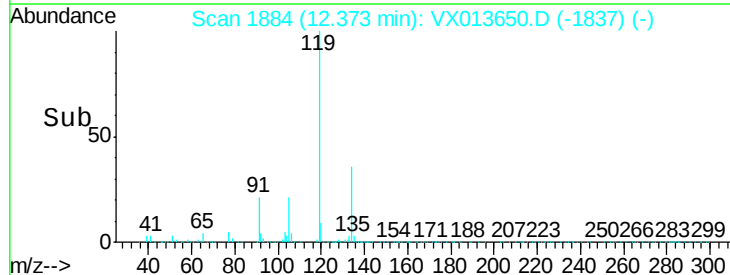
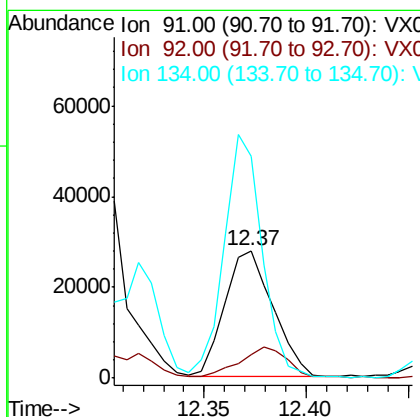
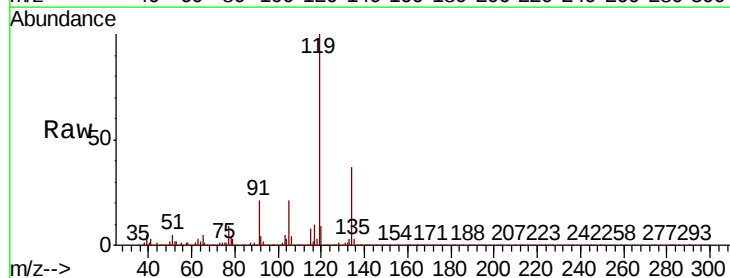
Instrument :
MSVOA_X
ClientSampled :
MW-6DL

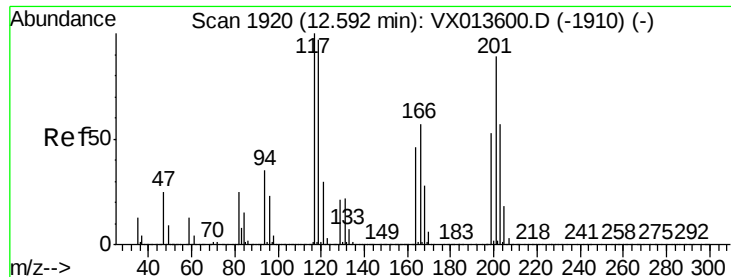
Tot Ion: 119 Resp: 23351
Ion Ratio Lower Upper
119 100
134 28.9 13.3 39.9
91 0.0 11.3 33.8#



#89
n-Butylbenzene
Concen: 1.852 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX013650.D
Acq: 27 Nov 2019 14:13

Tgt Ion: 91 Resp: 45728
Ion Ratio Lower Upper
91 100
92 25.4 27.4 82.2#
134 149.7 13.5 40.4#





#90

Hexachloroethane

Concen: 4.317 ug/l

RT: 12.67 min Scan# 1932

Delta R.T. 0.07 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

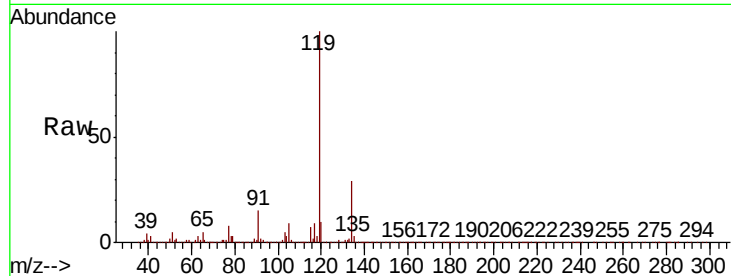
MW-6DL

Tot Ion:117 Resp: 22589

Ion Ratio Lower Upper

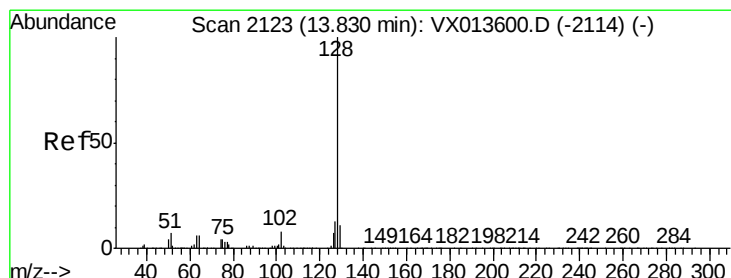
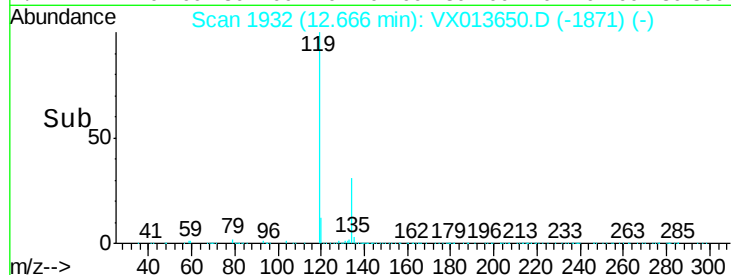
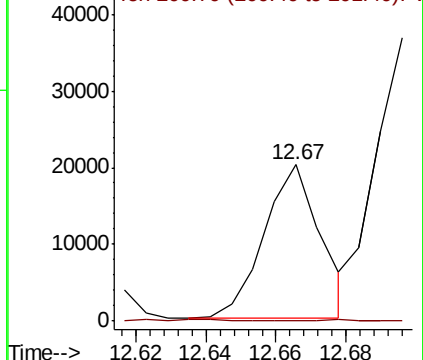
117 100

201 1.1 44.1 132.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 27.833 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013650.D

Acq: 27 Nov 2019 14:13

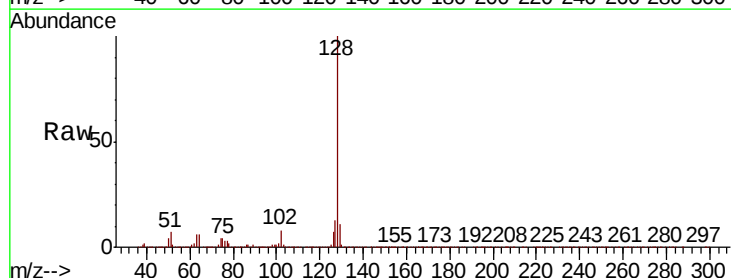
Tgt Ion:128 Resp: 879131

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

