

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013776.D
 Acq On : 05 Dec 2019 15:02
 Operator : JC/SP
 Sample : K6174-04DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WATER-COMPDL

Quant Time: Dec 06 02:27:36 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	681134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1013456	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	909109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	429535	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	364494	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
35) Dibromofluoromethane	5.49	113	302102	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	8.71	98	1213675	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.14	95	416701	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	

Target Compounds

						Qvalue
6) Chloroethane	1.67	64	1881	0.345	ug/l #	52
11) Tert butyl alcohol	3.02	59	6352	3.255	ug/l #	74
13) Acrolein	2.26	56	1090	6.819	ug/l #	1
14) Allyl chloride	2.76	41	7143	0.607	ug/l #	63
15) Acrylonitrile	3.17	53	6363	1.580	ug/l #	39
16) Acetone	2.43	43	27184	6.964	ug/l	99
18) Methyl Acetate	2.84	43	40086	3.688	ug/l #	53
20) Methylene Chloride	2.85	84	4074	0.543	ug/l #	77
25) 2-Butanone	4.67	43	9722	1.676	ug/l #	77
30) Chloroform	5.20	83	52722	4.198	ug/l	94
31) Cyclohexane	5.58	56	439147	37.601	ug/l	100
36) 1,1-Dichloropropene	5.65	75	44285	4.814	ug/l #	50
38) Carbon Tetrachloride	5.65	117	58371	6.881	ug/l #	15
39) Methylcyclohexane	7.46	83	567596	49.913	ug/l	99
40) Benzene	6.14	78	29304	1.046	ug/l	97
43) Isopropyl Acetate	6.45	43	9927	0.584	ug/l #	65
47) Bromodichloromethane	7.89	83	6199	0.689	ug/l	92
48) Methyl methacrylate	7.73	41	32682	3.959	ug/l #	47
49) 1,4-Dioxane	7.73	88	393	2.127	ug/l #	1
52) Toluene	8.78	92	5697	0.327	ug/l	86
55) 1,1,2-Trichloroethane	9.16	97	34802	4.961	ug/l #	20
56) Ethyl methacrylate	9.16	69	8051	0.714	ug/l #	15
58) 2-Chloroethyl Vinyl ether	8.21	63	1296	0.293	ug/l	94
60) Dibromochloromethane	9.58	129	1621	0.223	ug/l	67
67) Ethyl Benzene	10.25	91	129460	3.991	ug/l	100
68) m/p-Xylenes	10.35	106	9535	0.768	ug/l	97
73) Isopropylbenzene	11.01	105	324740	10.778	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	201175	20.823	ug/l #	39
78) n-propylbenzene	11.35	91	380031	11.299	ug/l	100
79) 2-Chlorotoluene	11.35	91	380031	18.835	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.50	105	12073	0.489	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	201175	56.969	ug/l #	11
82) 4-Chlorotoluene	11.35	91	380031	16.262	ug/l #	43
83) tert-Butylbenzene	11.76	119	8278	0.330	ug/l	83

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

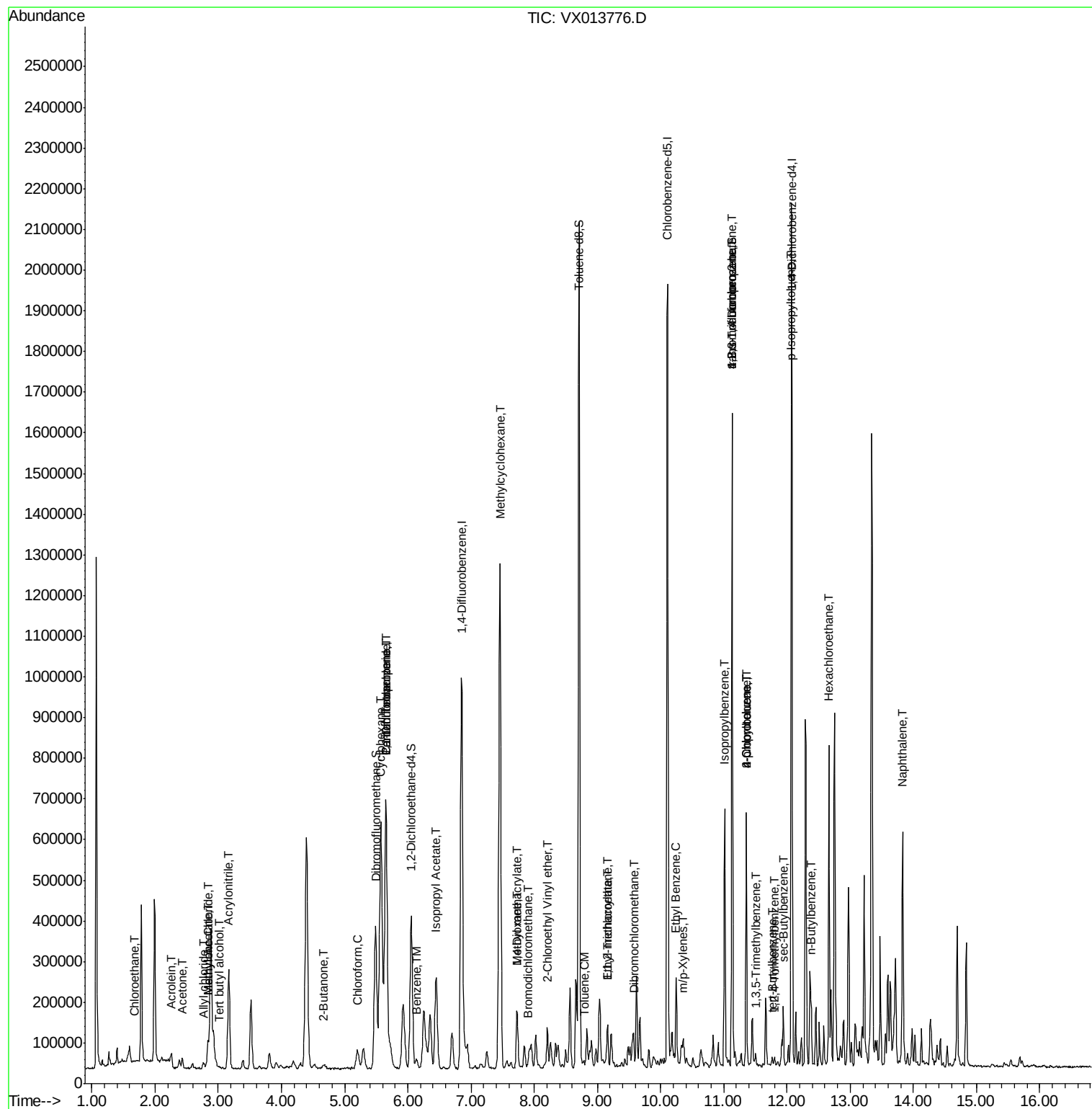
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	9675	0.386	ug/l	94
85) sec-Butylbenzene	11.94	105	78217	2.729	ug/l	81
86) p-Isopropyltoluene	12.06	119	49046	1.839	ug/l	97
89) n-Butylbenzene	12.38	91	67700	2.976	ug/l #	66
90) Hexachloroethane	12.67	117	31985	6.635	ug/l #	6
95) Naphthalene	13.83	128	339244	11.659	ug/l	98

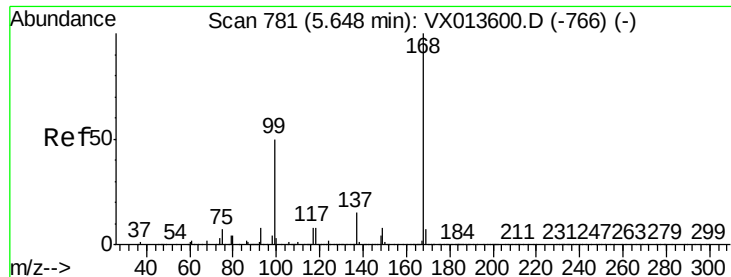
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013776.D

Acq: 05 Dec 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

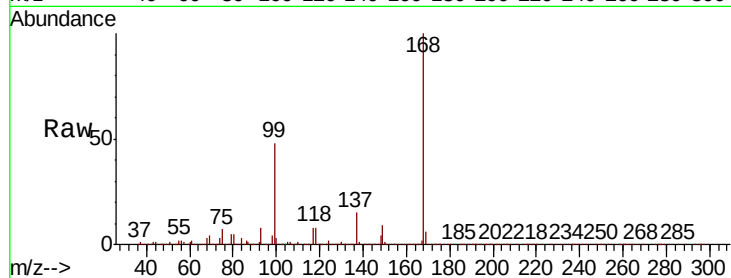
WATER-COMPD

Tot Ion:168 Resp: 681134

Ion Ratio Lower Upper

168 100

99 47.6 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

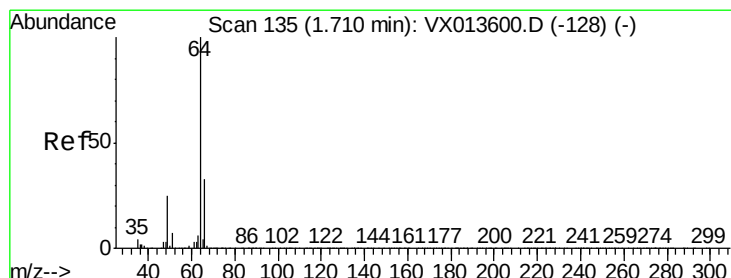
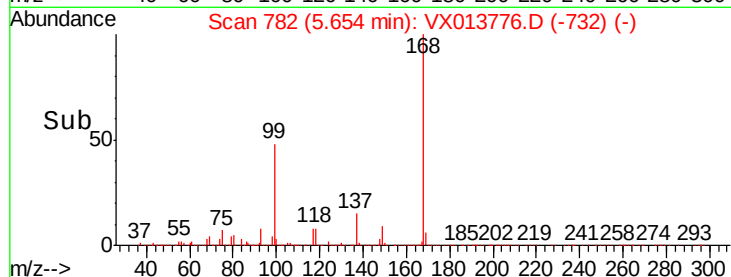
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 0.345 ug/l

RT: 1.67 min Scan# 128

Delta R.T. -0.04 min

Lab File: VX013776.D

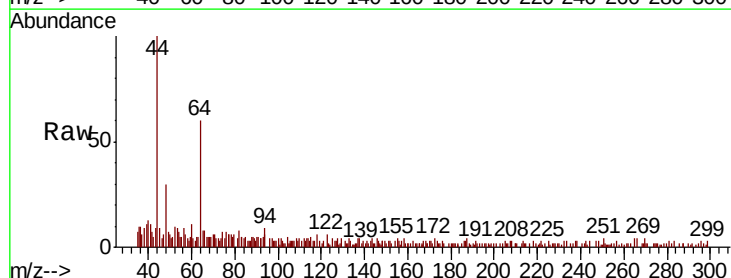
Acq: 05 Dec 2019 15:02

Tgt Ion: 64 Resp: 1881

Ion Ratio Lower Upper

64 100

66 5.9 26.7 40.1#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.67

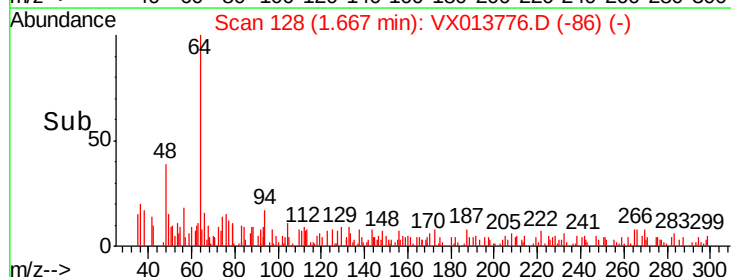
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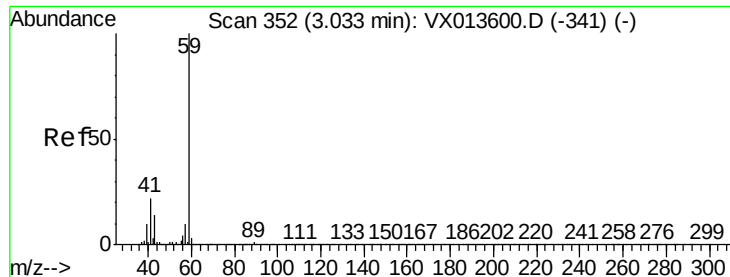
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1000

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Time-->



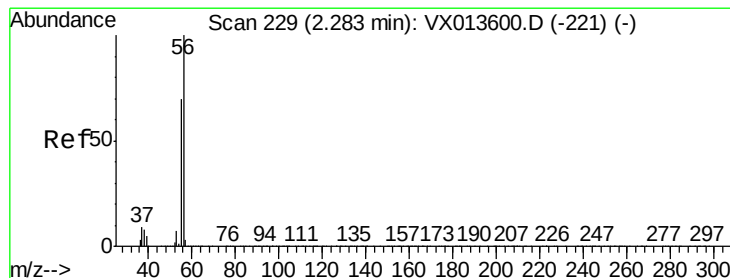
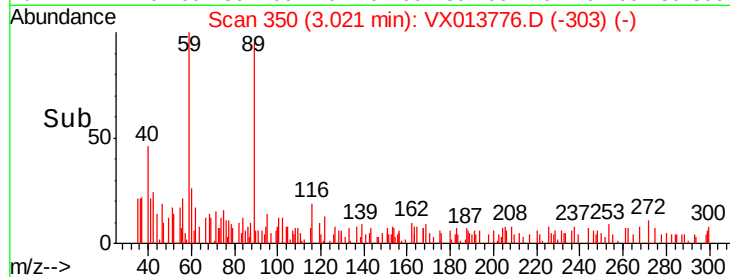
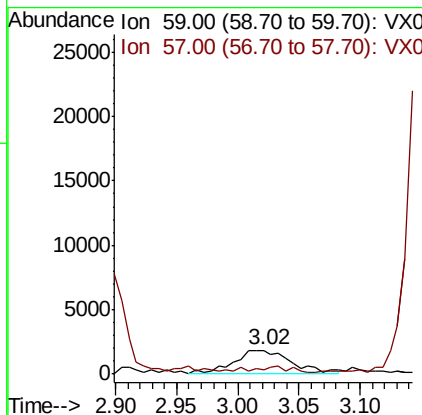
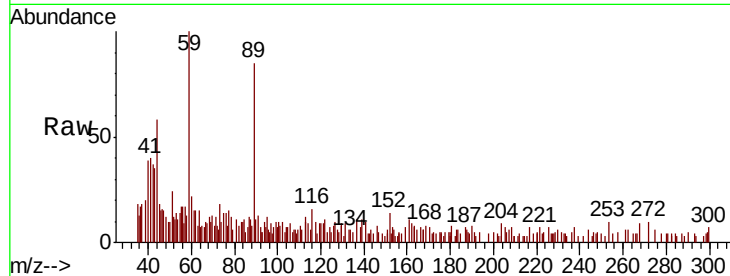


#11

Tert butyl alcohol
 Concen: 3.255 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX013776.D
 Acq: 05 Dec 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 WATER-COMPDL

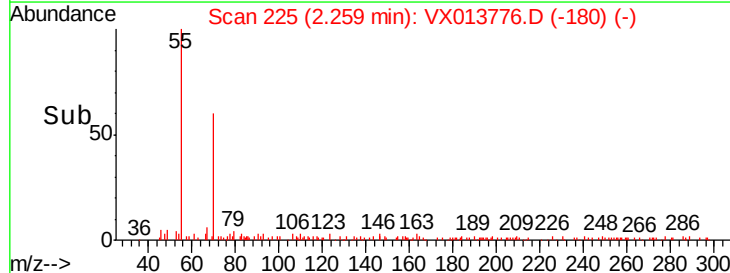
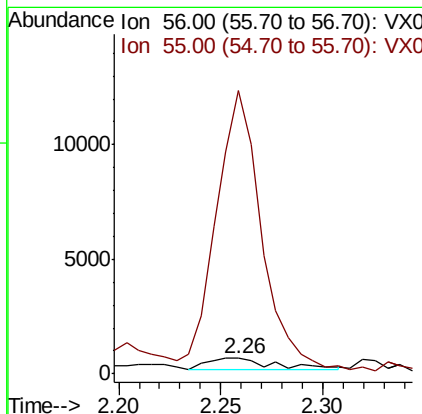
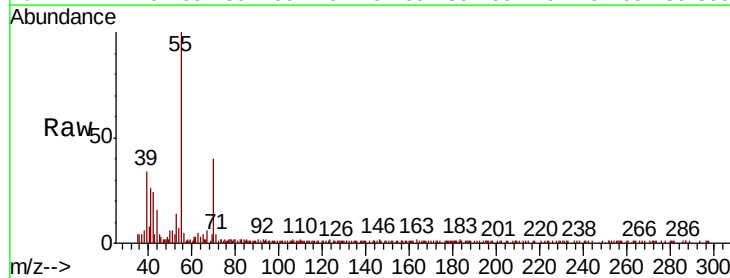
Tot Ion: 59 Resp: 6352
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

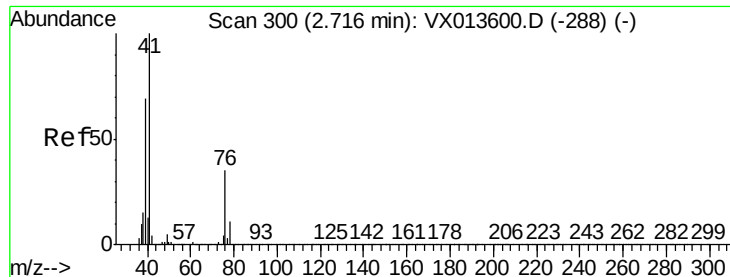


#13

Acrolein
 Concen: 6.819 ug/l
 RT: 2.26 min Scan# 225
 Delta R.T. -0.02 min
 Lab File: VX013776.D
 Acq: 05 Dec 2019 15:02

Tgt Ion: 56 Resp: 1090
 Ion Ratio Lower Upper
 56 100
 55 1705.7 56.2 84.4#

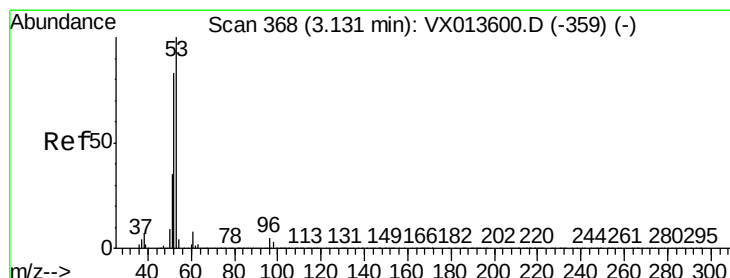
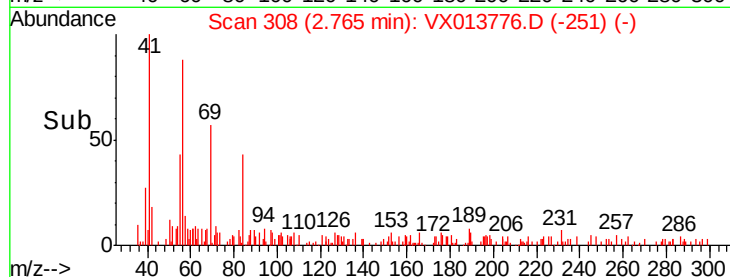
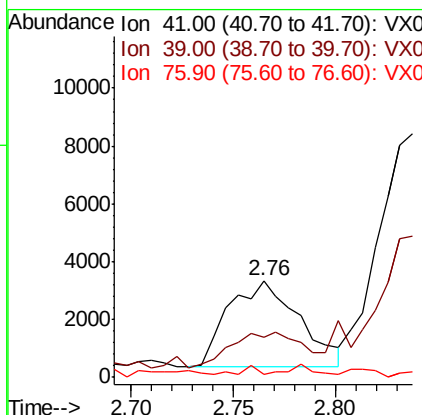
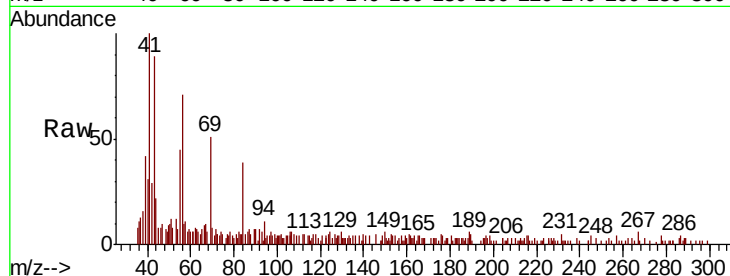




#14
Allvl chloride
Concen: 0.607 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.05 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

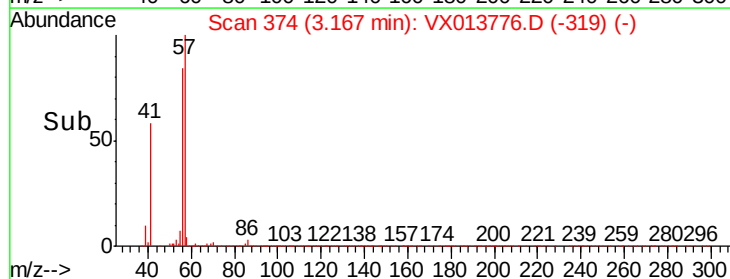
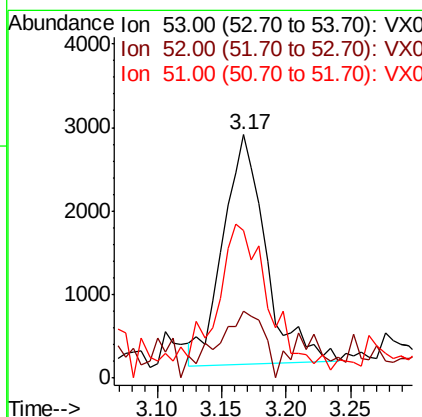
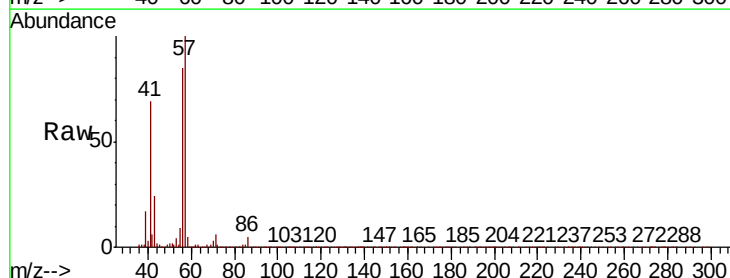
Instrument :
MSVOA_X
ClientSampleId :
WATER-COMPD

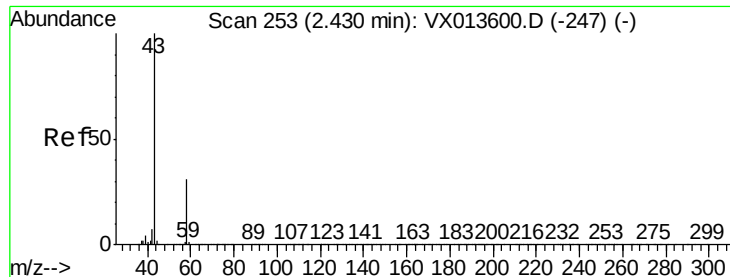
Tot Ion: 41 Resp: 7143
Ion Ratio Lower Upper
41 100
39 41.9 51.7 77.5#
76 2.1 25.9 38.9#



#15
Acrylonitrile
Concen: 1.580 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.04 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

Tgt Ion: 53 Resp: 6363
Ion Ratio Lower Upper
53 100
52 31.7 66.2 99.2#
51 78.0 29.0 43.6#

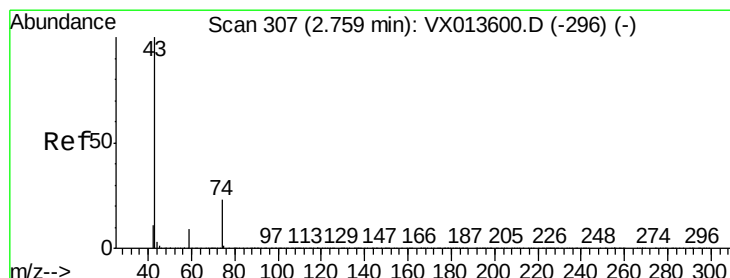
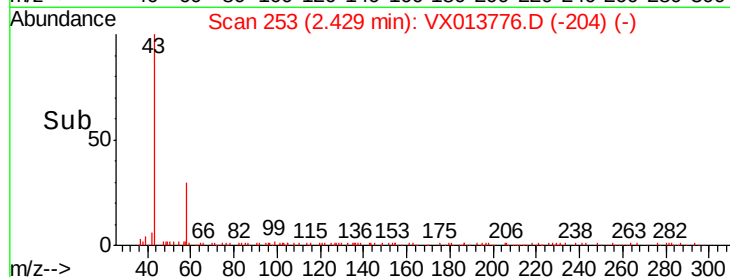
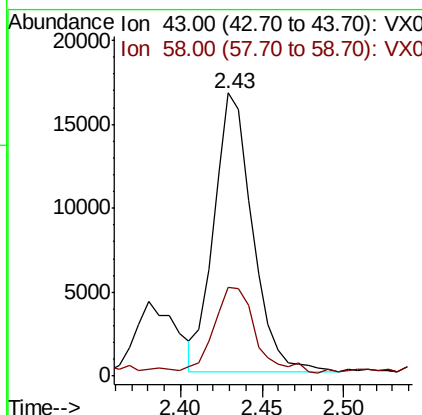
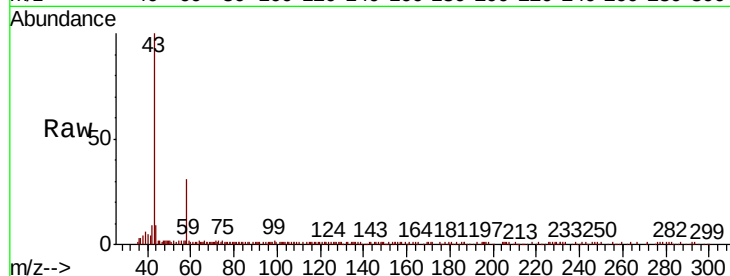




#16
Acetone
Concen: 6.964 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

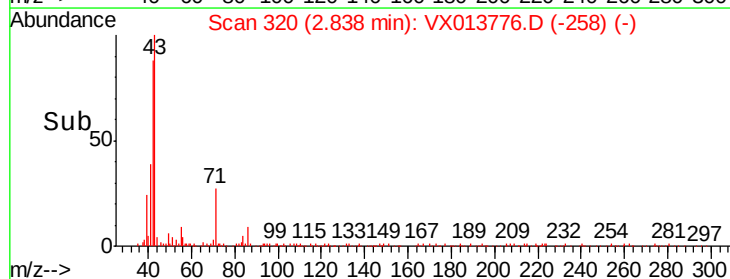
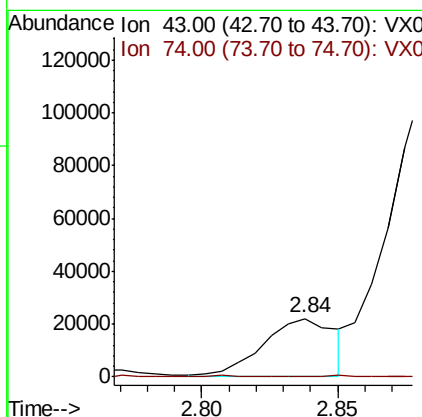
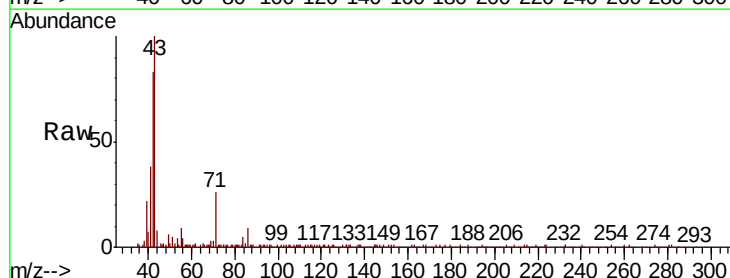
Instrument :
MSVOA_X
ClientSampleId :
WATER-COMPD

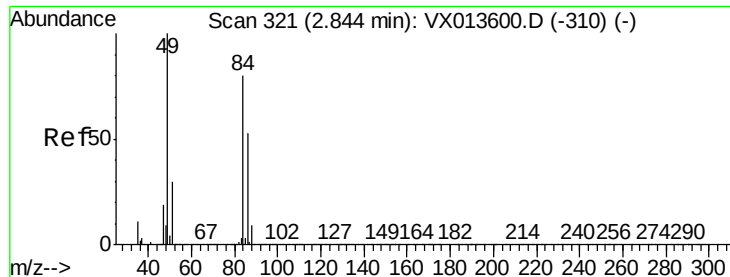
Tot Ion: 43 Resp: 27184
Ion Ratio Lower Upper
43 100
58 30.4 24.6 36.8



#18
Methyl Acetate
Concen: 3.688 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.08 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

Tgt Ion: 43 Resp: 40086
Ion Ratio Lower Upper
43 100
74 1.1 19.5 29.3#

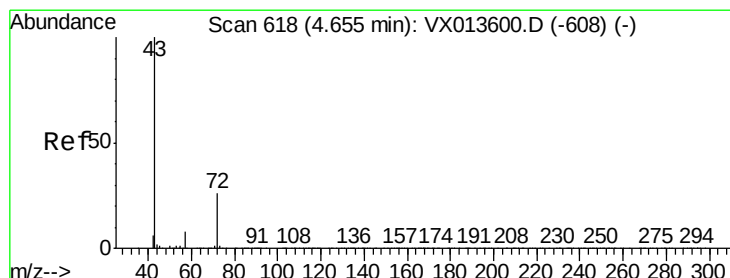
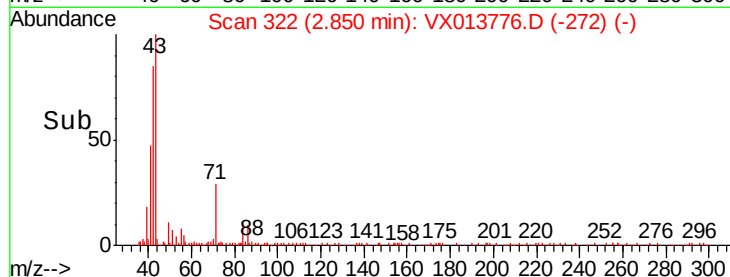
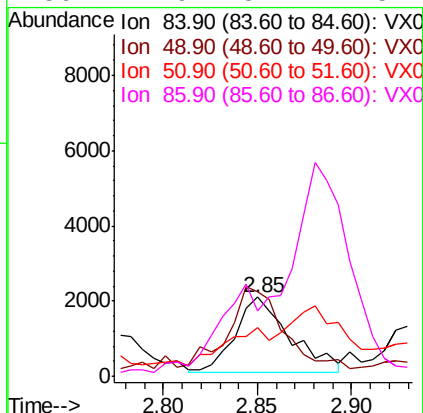
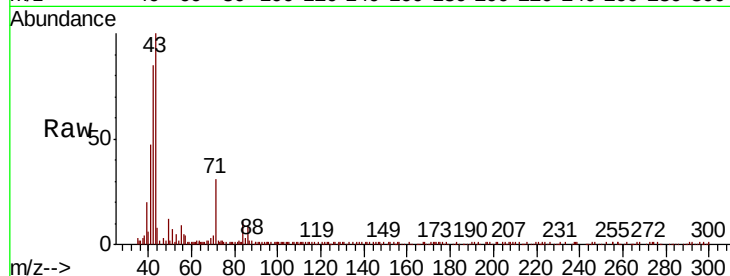




#20
Methylene Chloride
Concen: 0.543 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

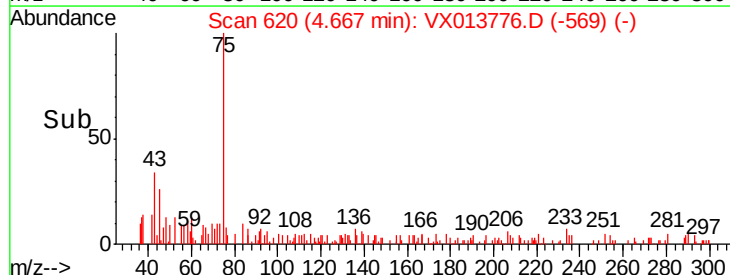
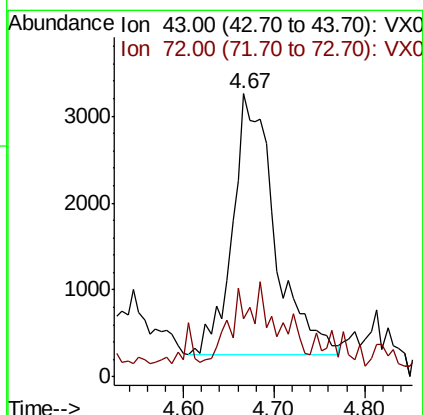
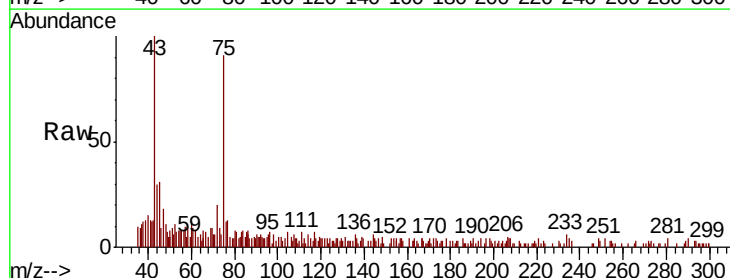
Instrument :
MSVOA_X
ClientSampleId :
WATER-COMPD

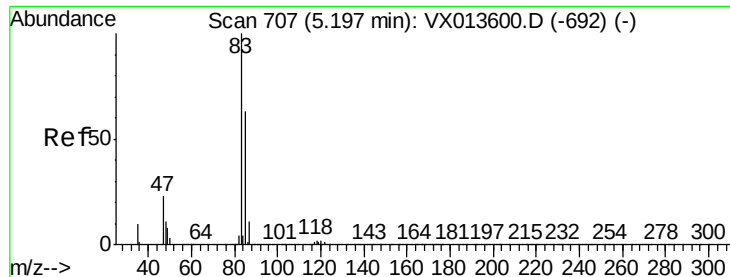
Tot Ion: 84 Resp: 4074
Ion Ratio Lower Upper
84 100
49 93.0 99.7 149.5#
51 51.7 29.9 44.9#
86 74.9 52.2 78.4



#25
2-Butanone
Concen: 1.676 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

Tgt Ion: 43 Resp: 9722
Ion Ratio Lower Upper
43 100
72 14.3 20.6 31.0#

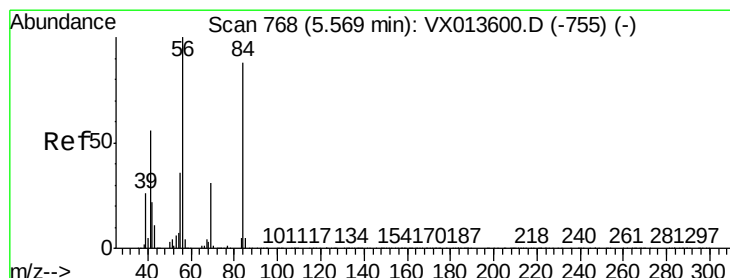
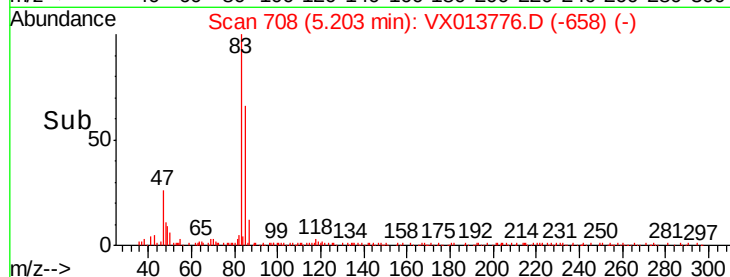
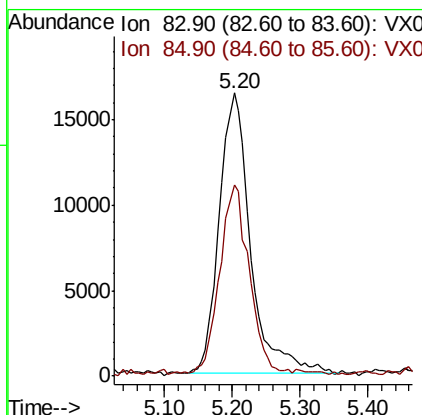
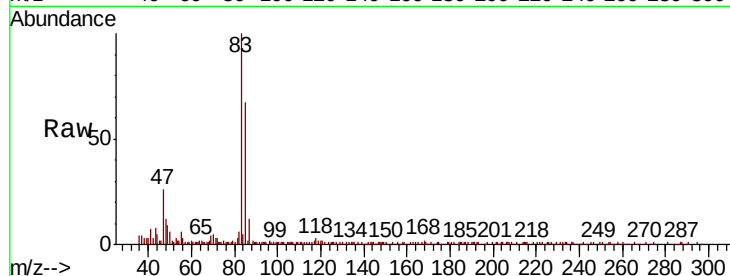




#30
Chloroform
Concen: 4.198 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

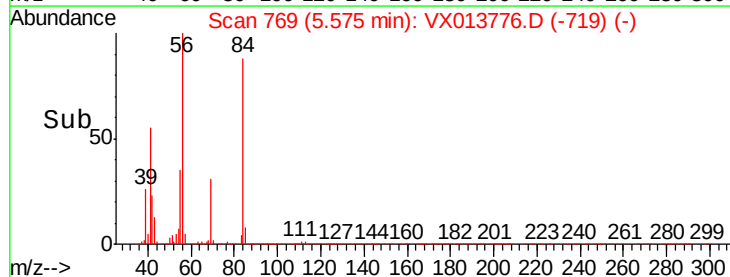
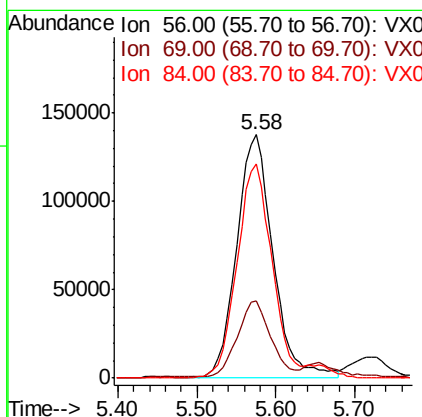
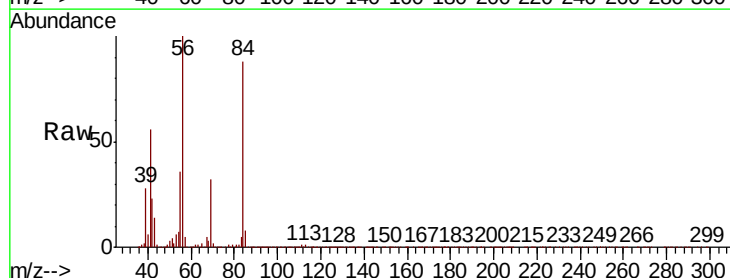
Instrument :
MSVOA_X
ClientSampleId :
WATER-COMPD

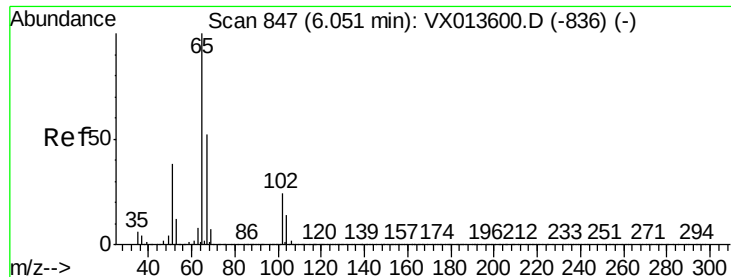
Tot Ion: 83 Resp: 52722
Ion Ratio Lower Upper
83 100
85 67.2 50.2 75.4



#31
Cyclohexane
Concen: 37.601 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

Tgt Ion: 56 Resp: 439147
Ion Ratio Lower Upper
56 100
69 31.0 24.6 36.8
84 87.9 70.0 105.0





#33

1,2-Dichloroethane-d4

Concen: 46.101 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

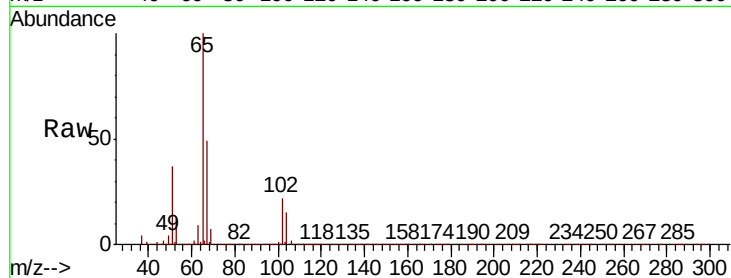
WATER-COMPD

Tot Ion: 65 Resp: 364494

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

150000

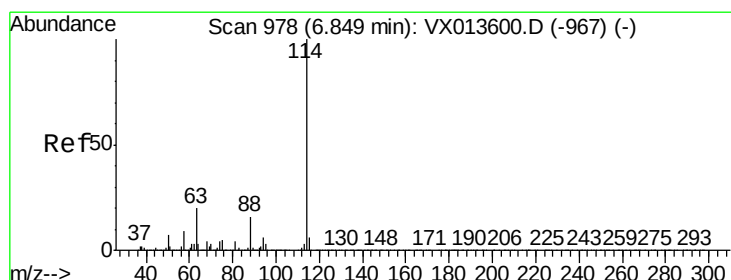
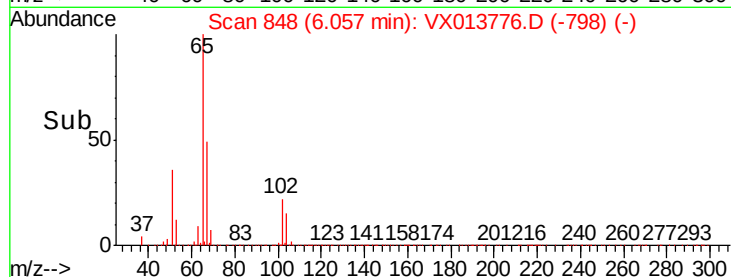
100000

50000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

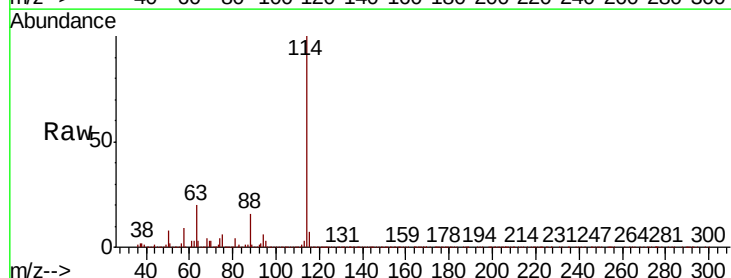
Tgt Ion: 114 Resp: 1013456

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

88 16.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

500000

400000

300000

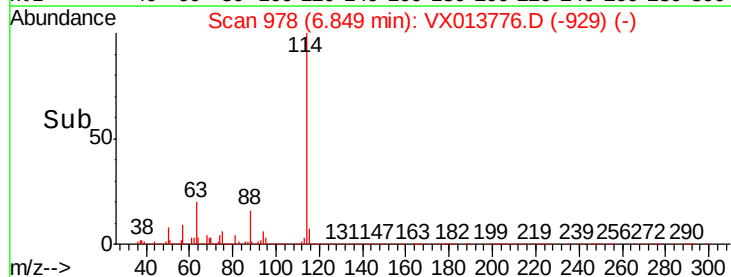
200000

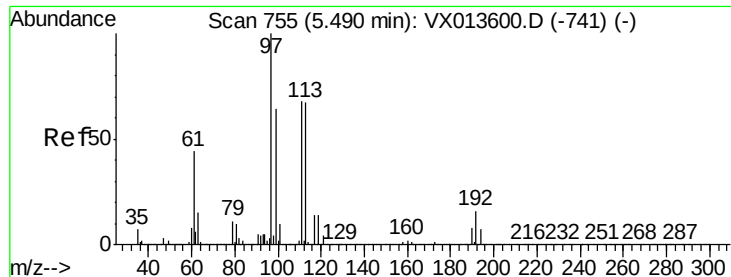
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 48.218 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

WATER-COMPD

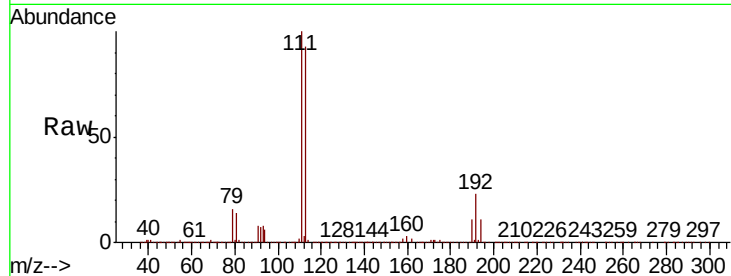
Tot Ion:113 Resp: 302102

Ion Ratio Lower Upper

113 100

111 102.1 83.6 125.4

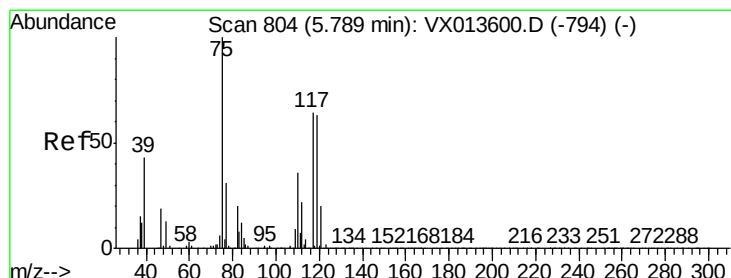
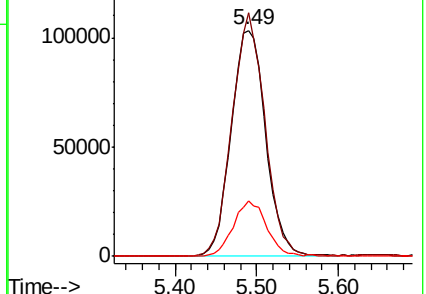
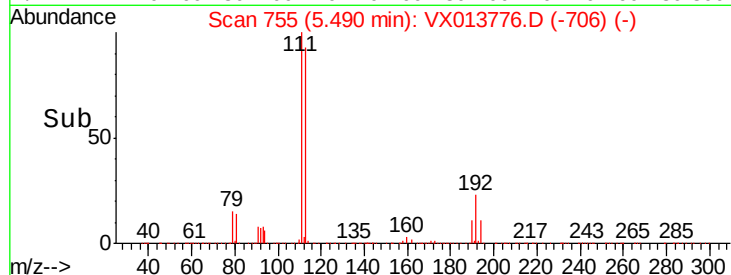
192 23.7 19.2 28.8



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: 4.814 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

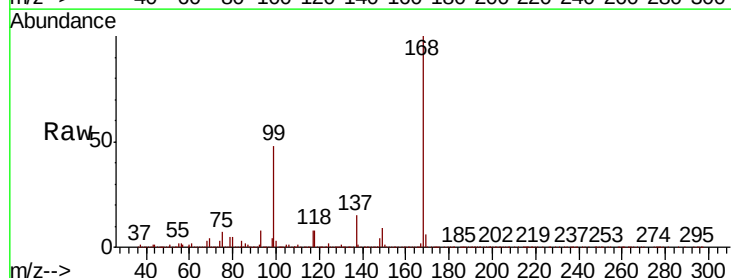
Tgt Ion: 75 Resp: 44285

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.1#

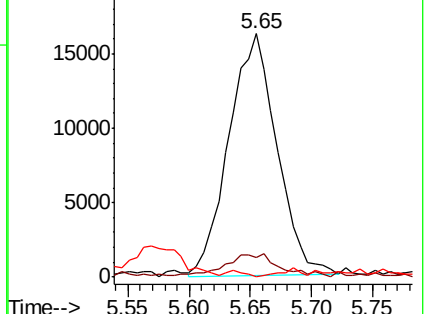
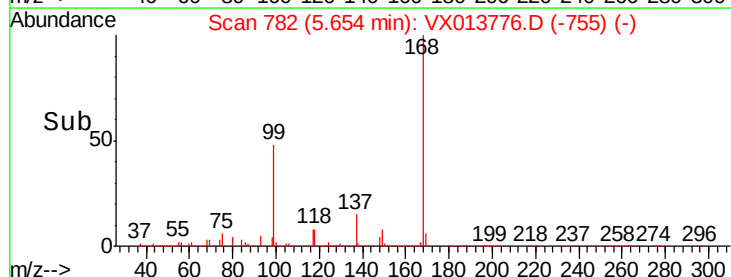
77 0.0 24.5 36.7#

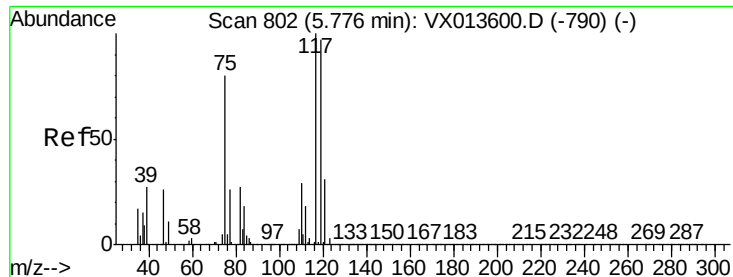


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.881 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

WATER-COMPD

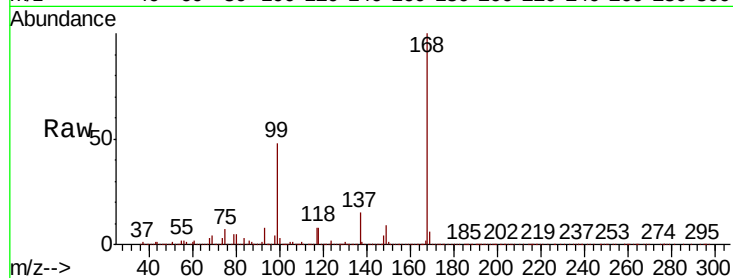
Tot Ion:117 Resp: 58371

Ion Ratio Lower Upper

117 100

119 3.5 77.5 116.3#

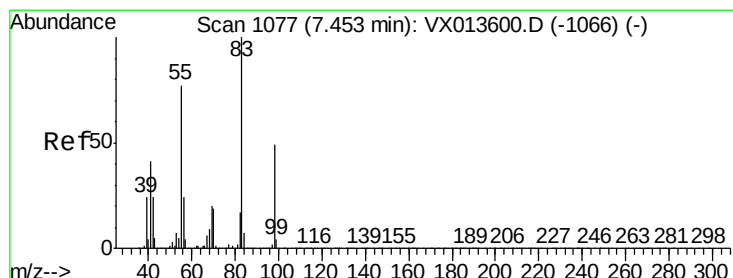
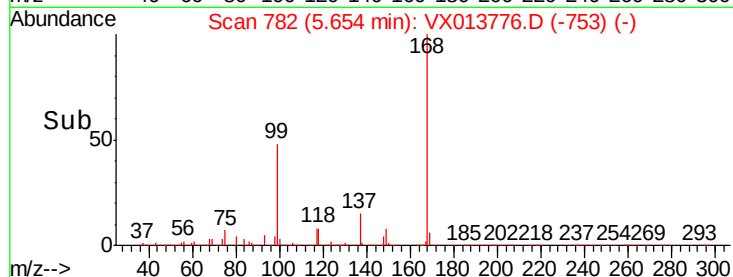
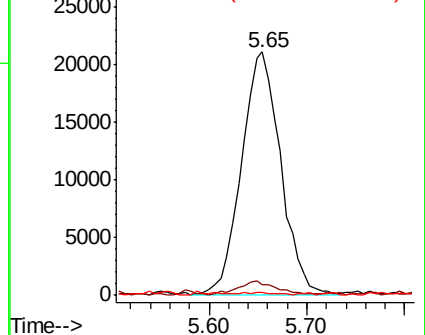
121 1.0 25.0 37.6#



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: 49.913 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

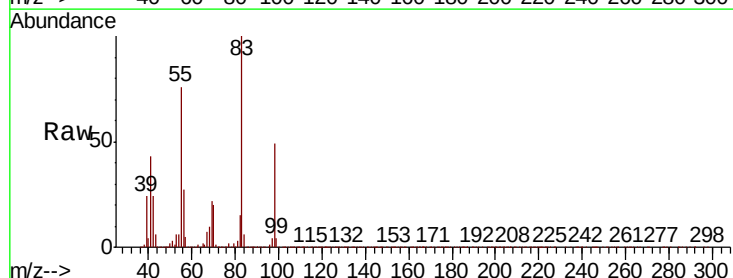
Tgt Ion: 83 Resp: 567596

Ion Ratio Lower Upper

83 100

55 76.1 61.9 92.9

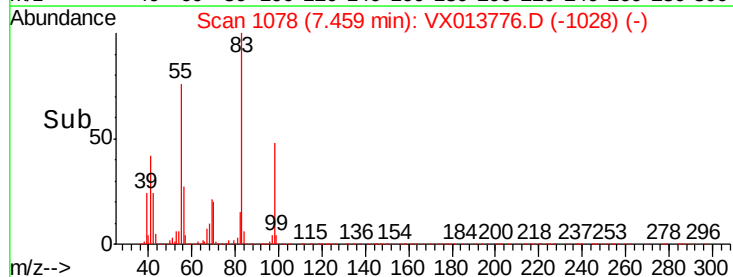
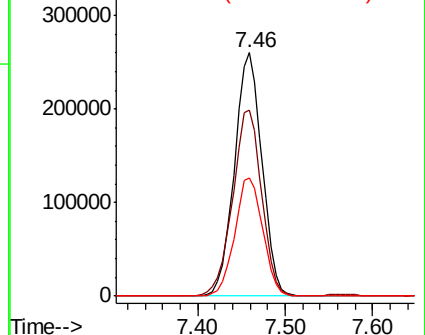
98 48.6 39.4 59.0

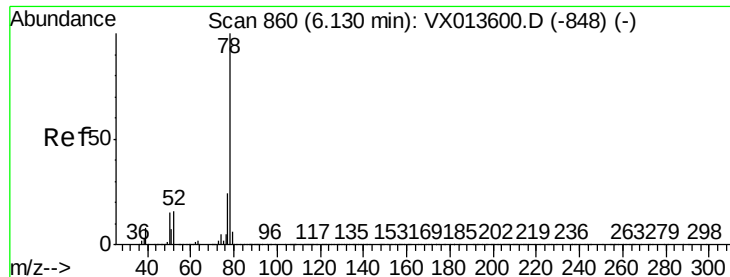


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.046 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

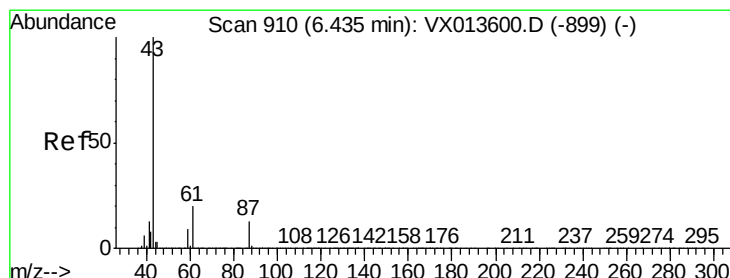
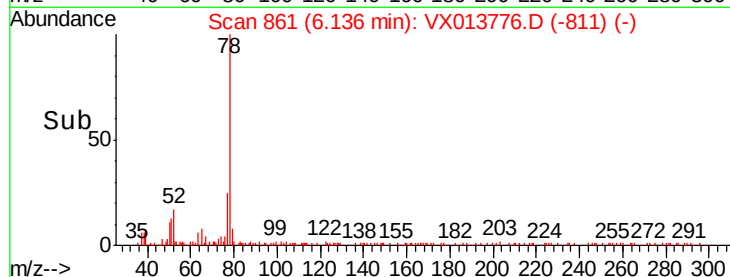
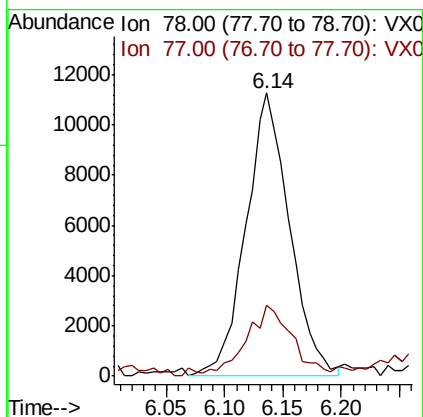
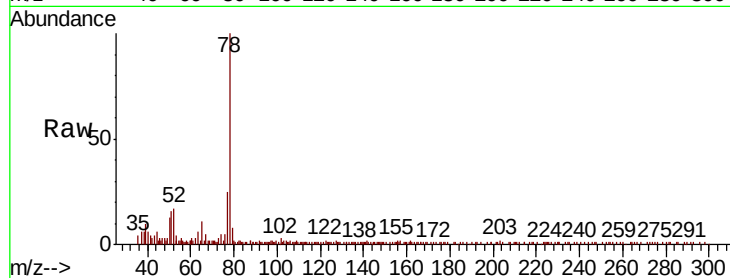
WATER-COMPD

Tot Ion: 78 Resp: 29304

Ion Ratio Lower Upper

78 100

77 22.2 19.0 28.4



#43

Isopropyl Acetate

Concen: 0.584 ug/l

RT: 6.45 min Scan# 913

Delta R.T. 0.02 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

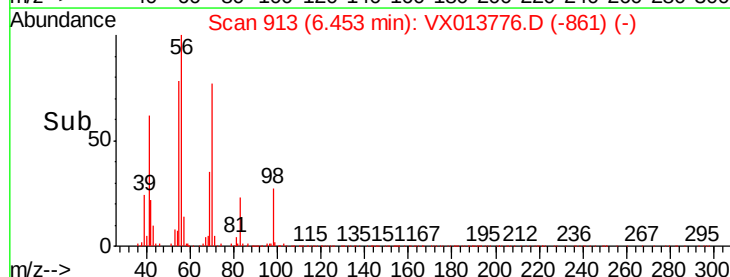
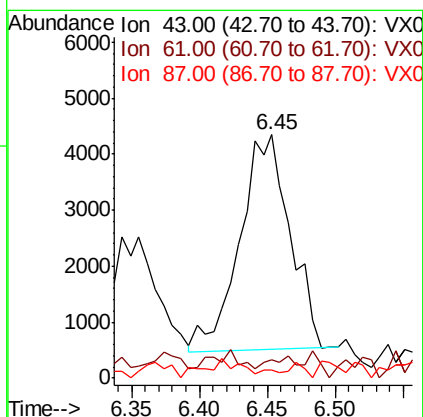
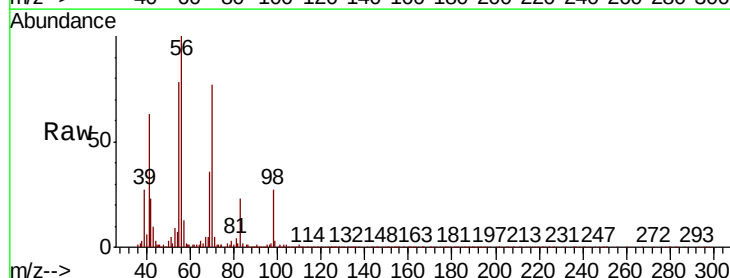
Tgt Ion: 43 Resp: 9927

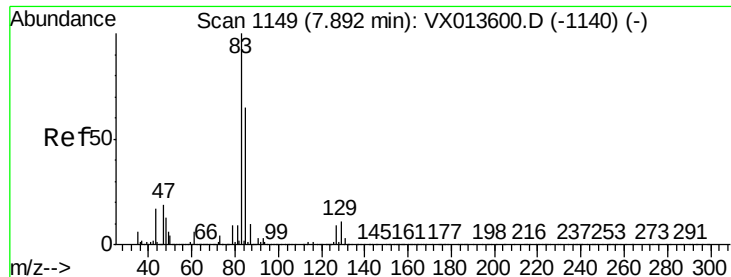
Ion Ratio Lower Upper

43 100

61 2.3 16.3 24.5#

87 2.1 10.8 16.2#





#47

Bromodichloromethane

Concen: 0.689 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

WATER-COMPD

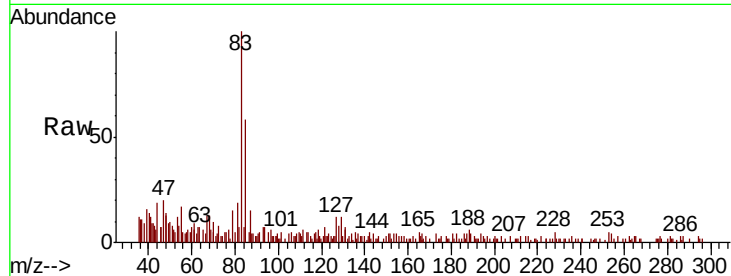
Tot Ion: 83 Resp: 6199

Ion Ratio Lower Upper

83 100

85 57.9 52.1 78.1

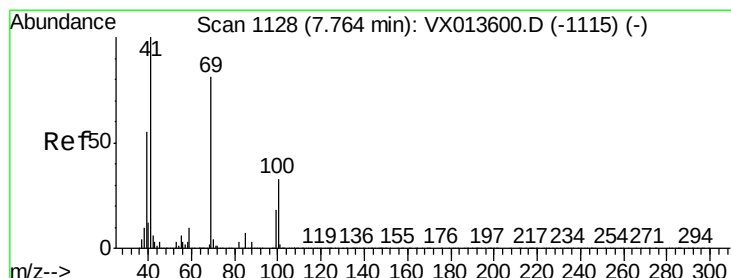
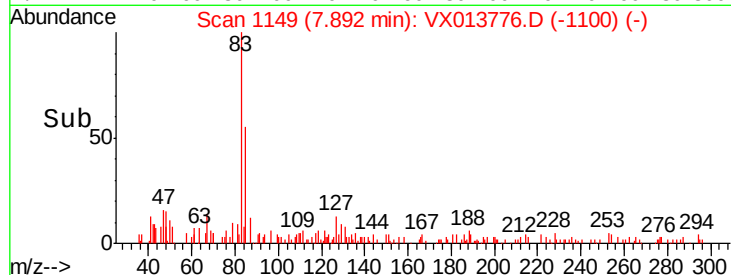
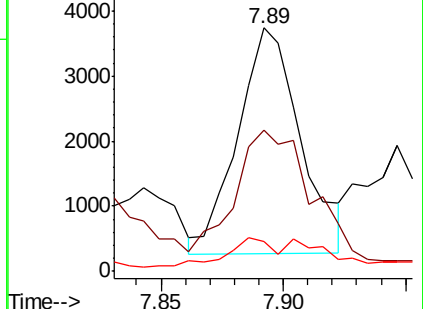
127 9.1 7.0 10.4



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



#48

Methyl methacrylate

Concen: 3.959 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.04 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

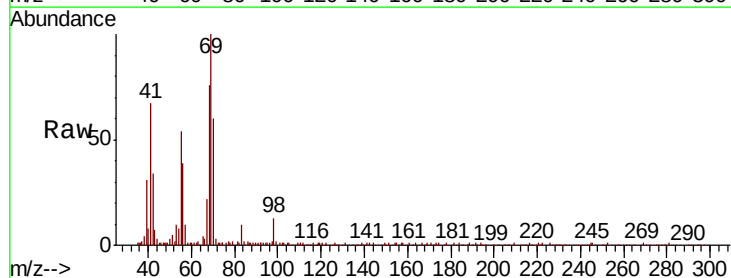
Tgt Ion: 41 Resp: 32682

Ion Ratio Lower Upper

41 100

69 156.9 64.7 97.1#

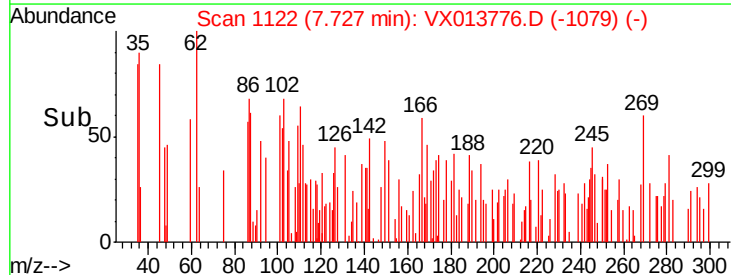
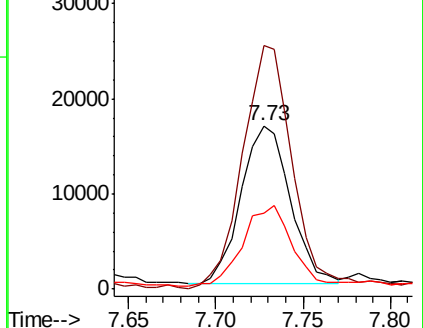
39 51.8 43.8 65.6

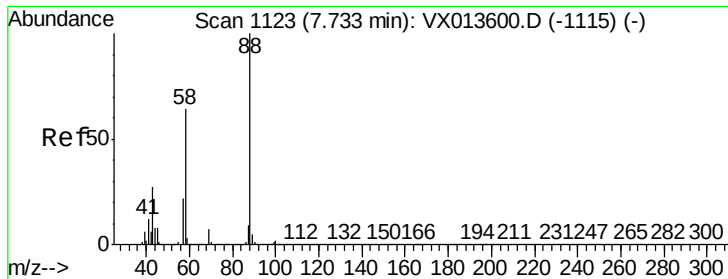


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

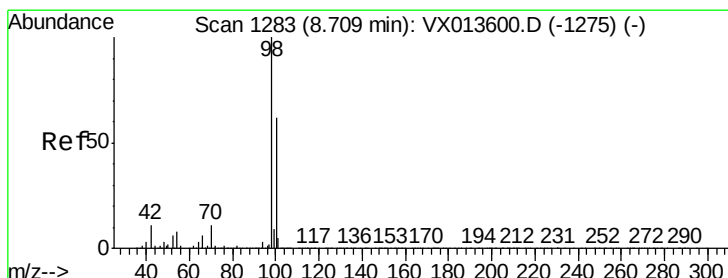
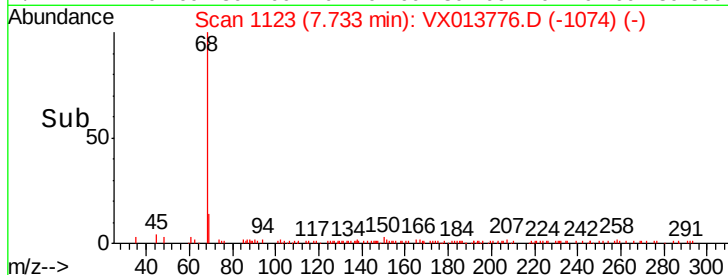
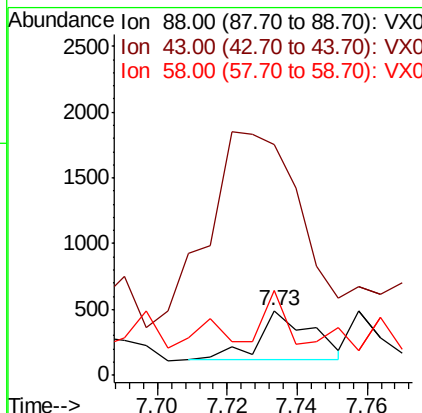
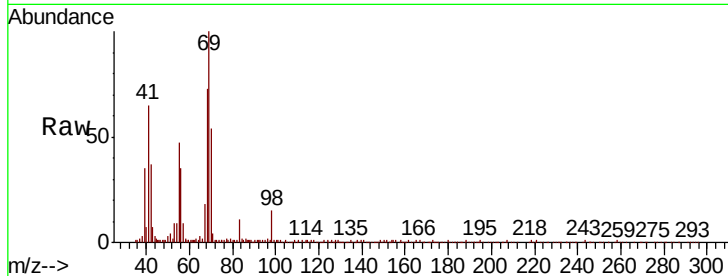




#49
1,4-Dioxane
Concen: 2.127 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

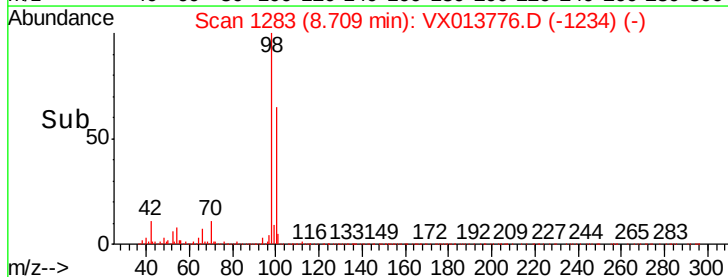
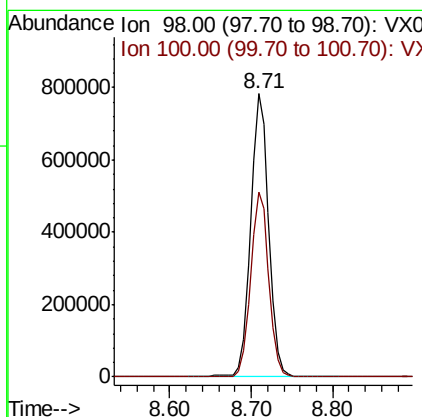
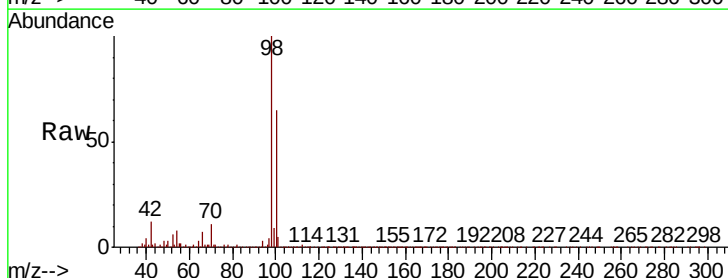
Instrument :
MSVOA_X
ClientSampleId :
WATER-COMPDL

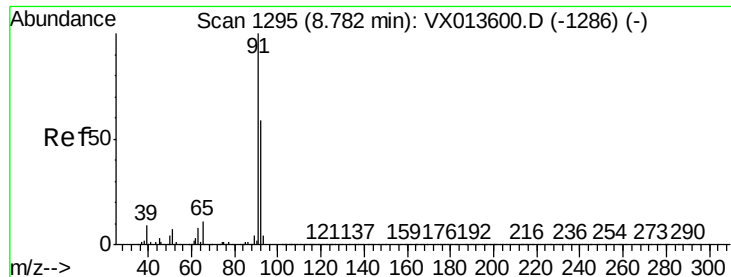
Tot Ion: 88 Resp: 393
Ion Ratio Lower Upper
88 100
43 738.7 25.8 38.6#
58 86.5 54.6 82.0#



#50
Toluene-d8
Concen: 49.720 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

Tgt Ion: 98 Resp: 1213675
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7





#52

Toluene

Concen: 0.327 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

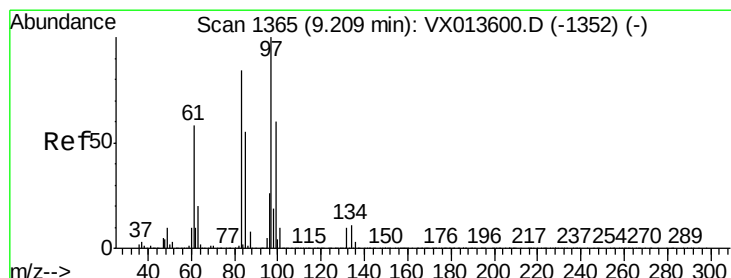
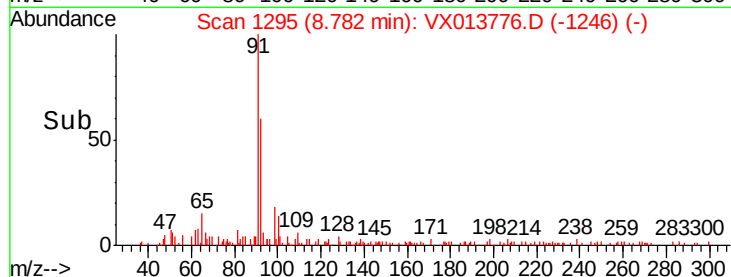
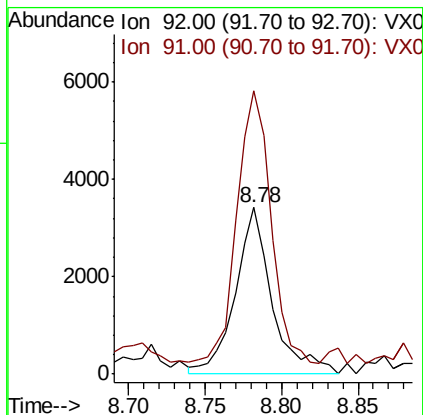
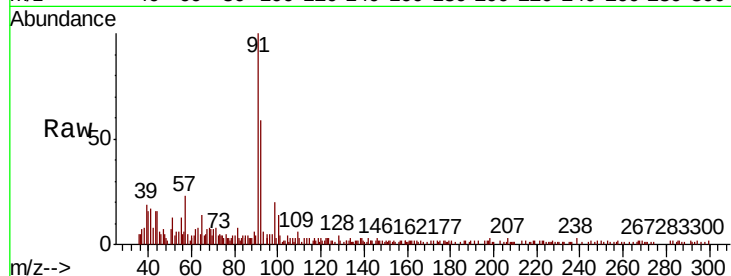
WATER-COMPD

Tot Ion: 92 Resp: 5697

Ion Ratio Lower Upper

92 100

91 150.6 136.2 204.2



#55

1,1,2-Trichloroethane

Concen: 4.961 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

Tgt Ion: 97 Resp: 34802

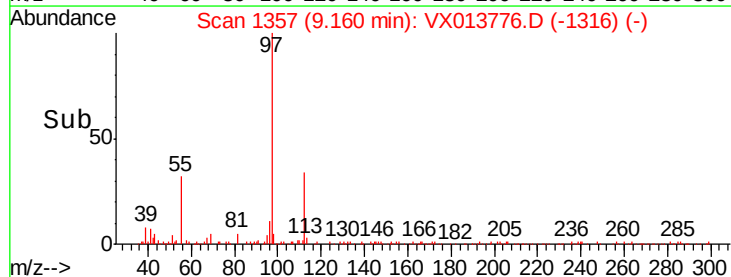
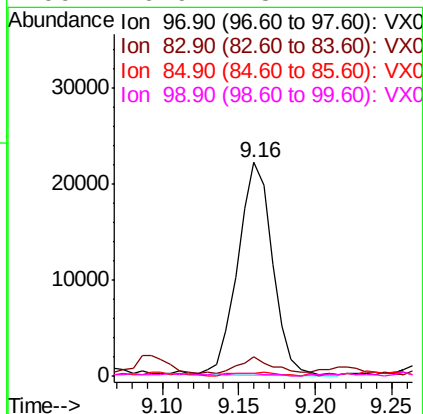
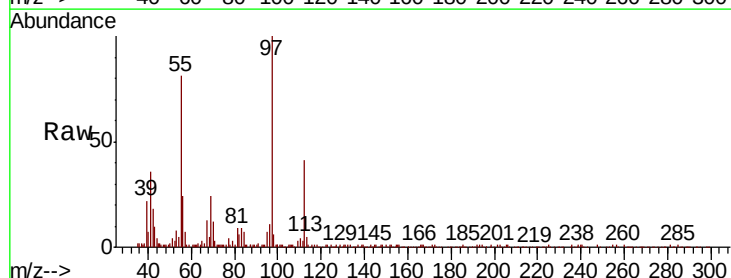
Ion Ratio Lower Upper

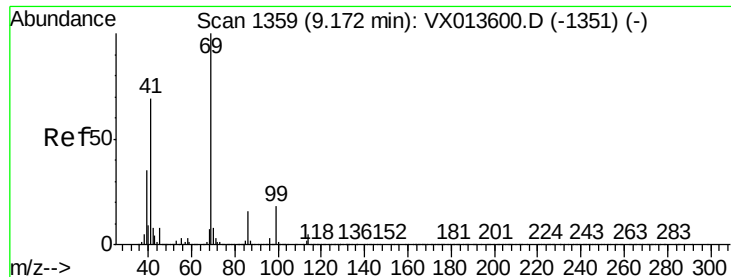
97 100

83 7.3 67.3 100.9#

85 0.8 43.6 65.4#

99 0.9 48.2 72.4#





#56

Ethyl methacrylate

Concen: 0.714 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

Instrument :

MSVOA_X

ClientSampled :

WATER-COMPD

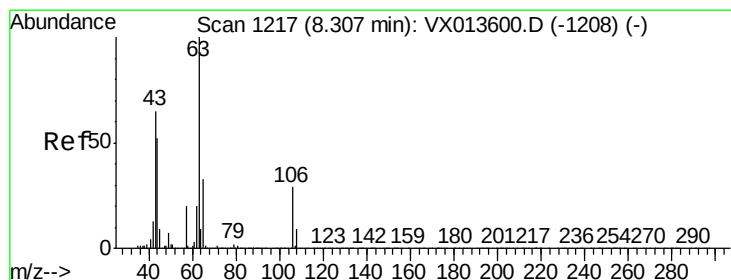
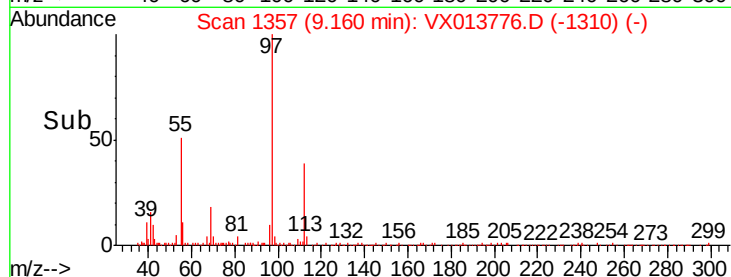
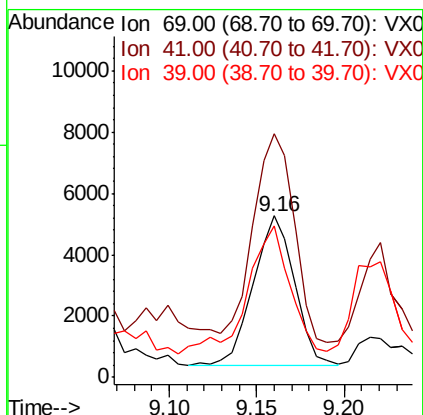
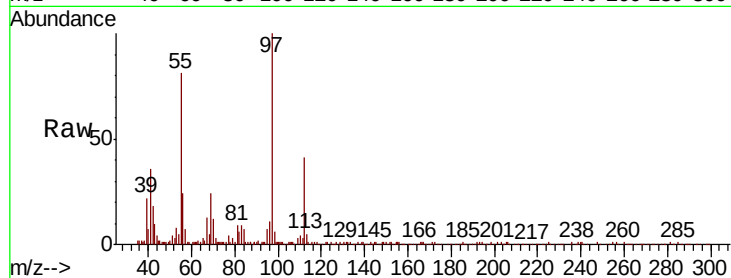
Tot Ion: 69 Resp: 8051

Ion Ratio Lower Upper

69 100

41 135.2 55.0 82.4#

39 89.1 28.7 43.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.293 ug/l

RT: 8.21 min Scan# 1201

Delta R.T. -0.10 min

Lab File: VX013776.D

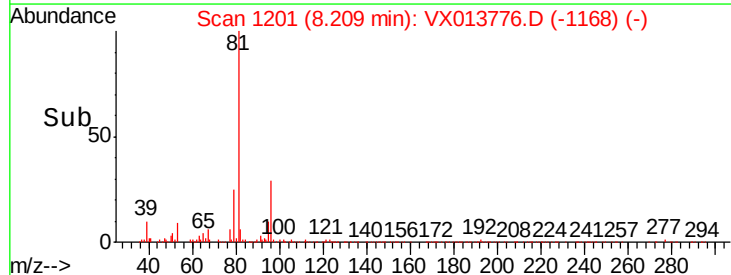
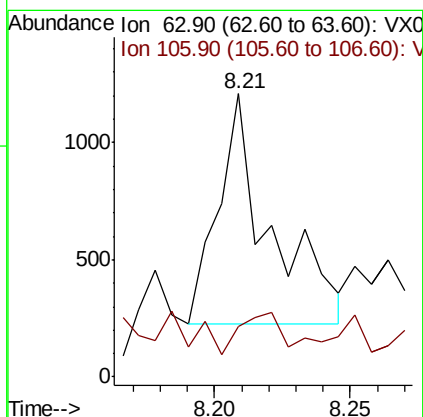
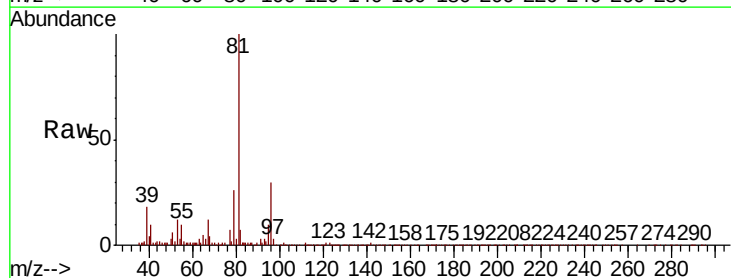
Acq: 05 Dec 2019 15:02

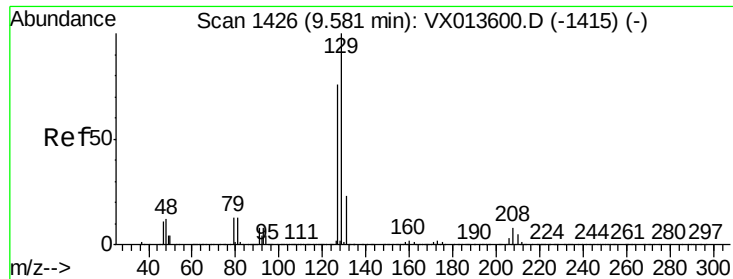
Tgt Ion: 63 Resp: 1296

Ion Ratio Lower Upper

63 100

106 26.2 23.4 35.0

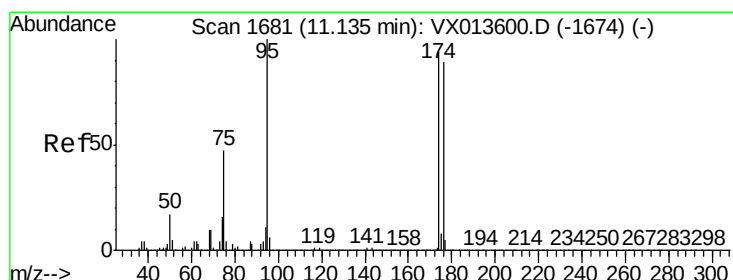
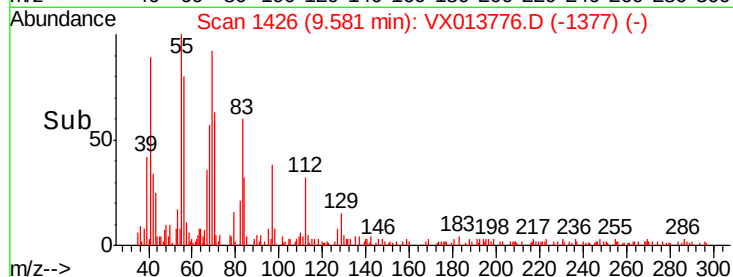
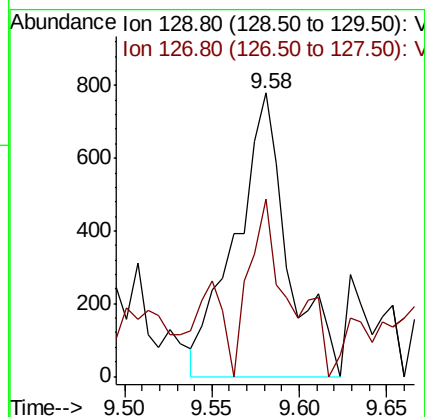
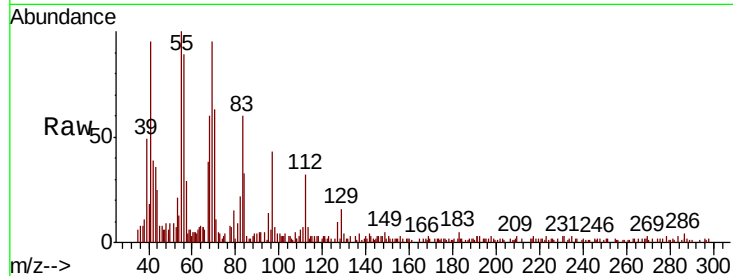




#60
Dibromochloromethane
Concen: 0.223 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

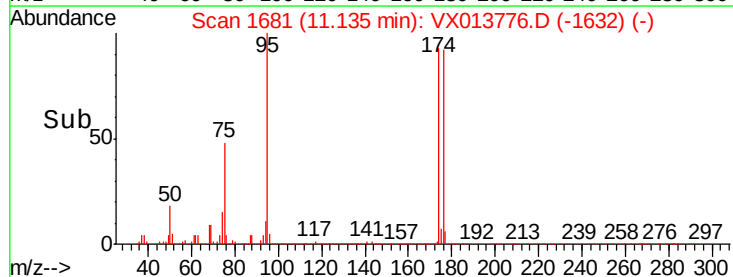
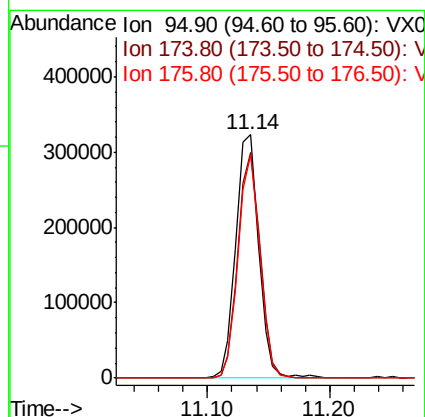
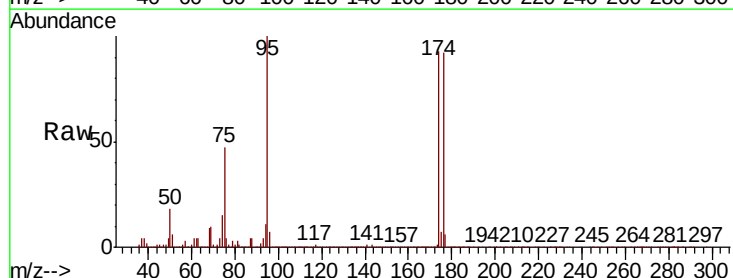
Instrument :
MSVOA_X
ClientSampleId :
WATER-COMPD

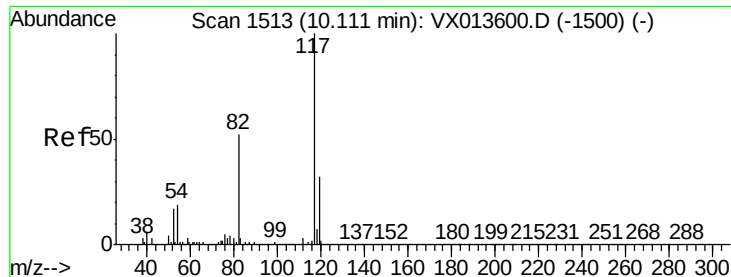
Tot Ion:129 Resp: 1621
Ion Ratio Lower Upper
129 100
127 48.3 38.5 115.5



#62
4-Bromofluorobenzene
Concen: 47.339 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

Tgt Ion: 95 Resp: 416701
Ion Ratio Lower Upper
95 100
174 90.2 0.0 180.0
176 87.7 0.0 173.6

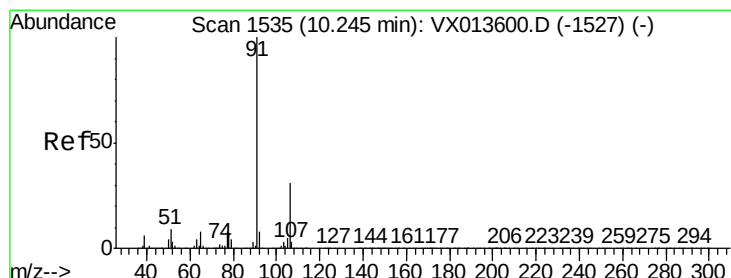
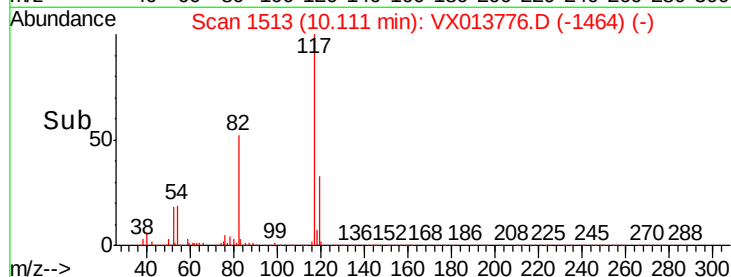
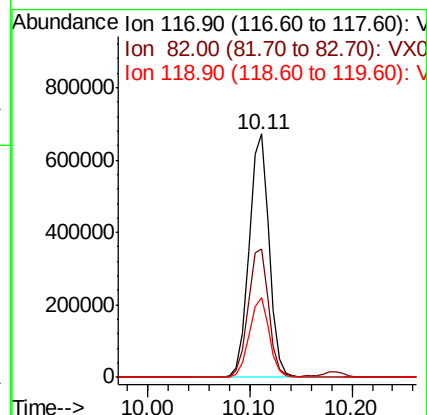
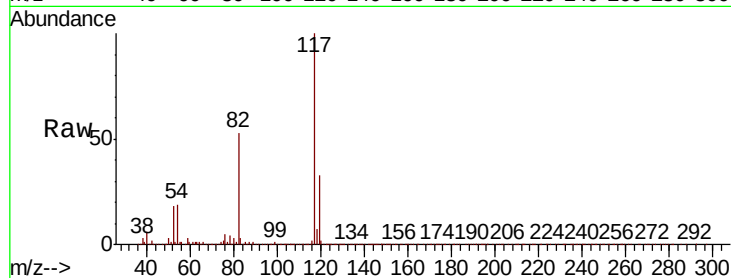




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

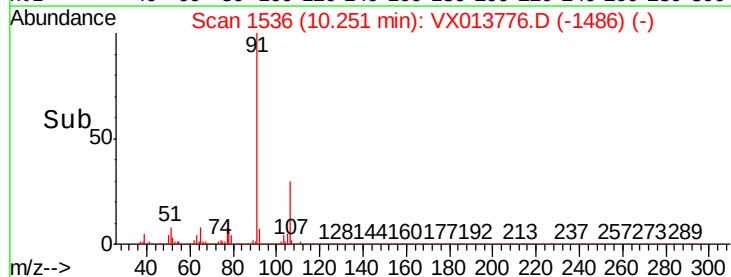
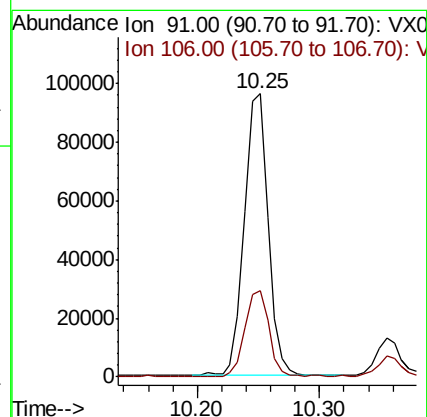
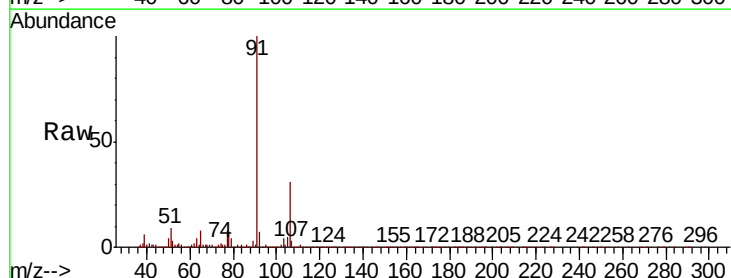
Instrument :
MSVOA_X
ClientSampleId :
WATER-COMPD

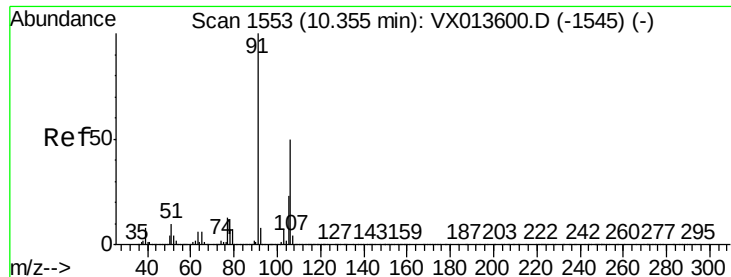
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.8	62.8
119	32.9	25.8	38.8



#67
Ethyl Benzene
Concen: 3.991 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.5	36.7





#68

m/p-Xvlenes

Concen: 0.768 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

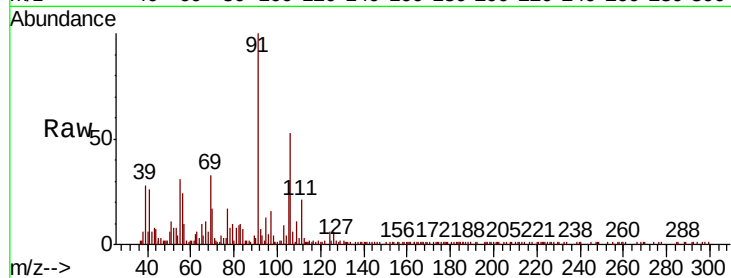
WATER-COMPD

Tot Ion:106 Resp: 9535

Ion Ratio Lower Upper

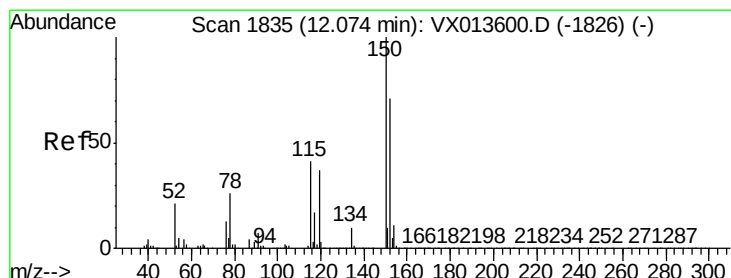
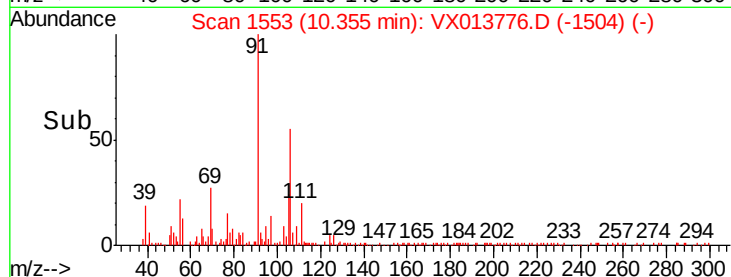
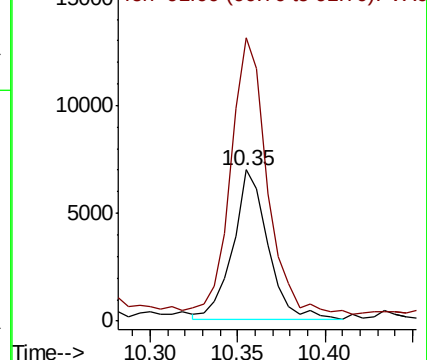
106 100

91 194.5 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

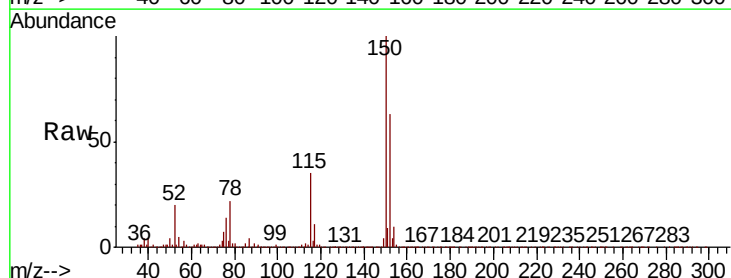
Tgt Ion:152 Resp: 429535

Ion Ratio Lower Upper

152 100

115 54.9 38.4 115.1

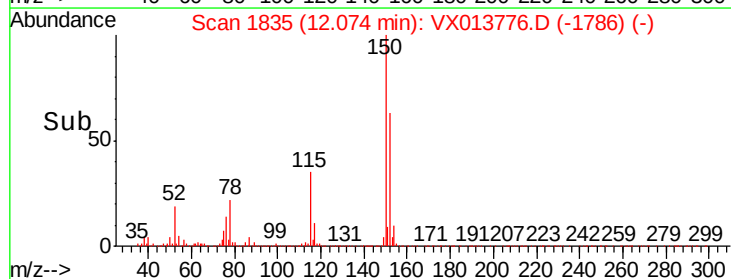
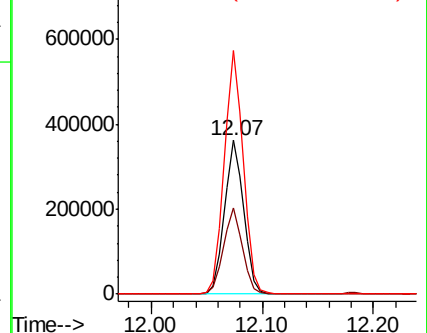
150 156.8 0.0 346.8

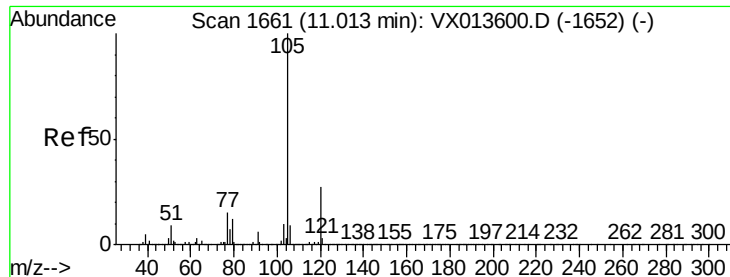


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.778 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

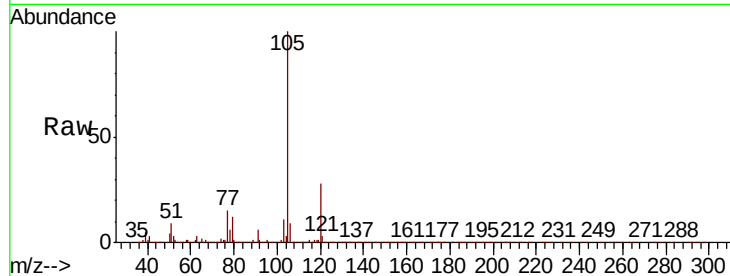
WATER-COMPD

Tot Ion:105 Resp: 324740

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

250000

200000

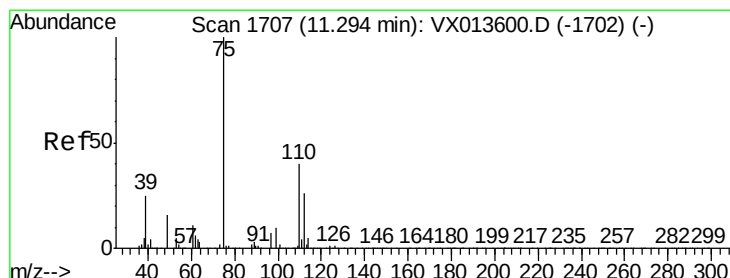
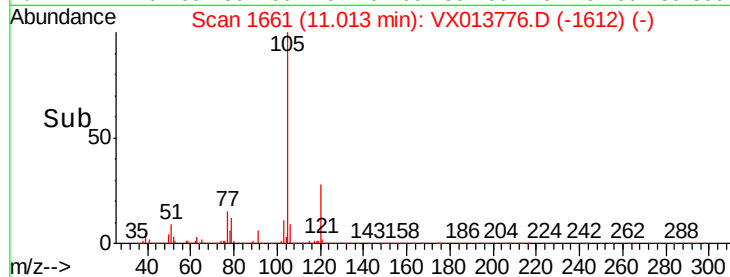
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 20.823 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013776.D

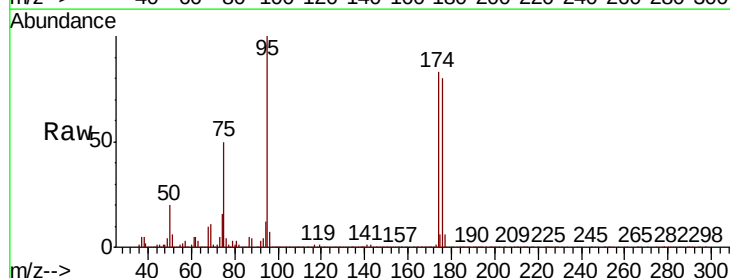
Acq: 05 Dec 2019 15:02

Tgt Ion: 75 Resp: 201175

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

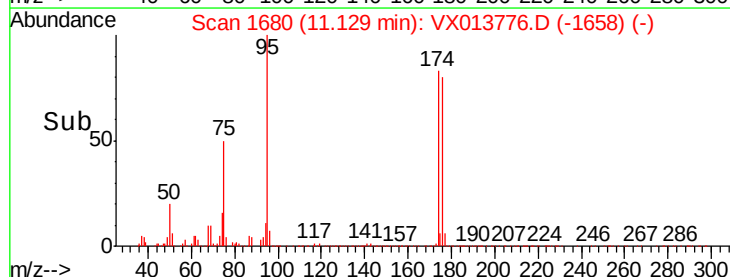
150000

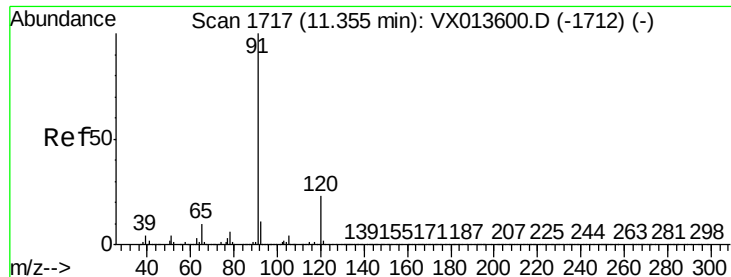
100000

50000

0

Time-->





#78

n-propylbenzene

Concen: 11.299 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

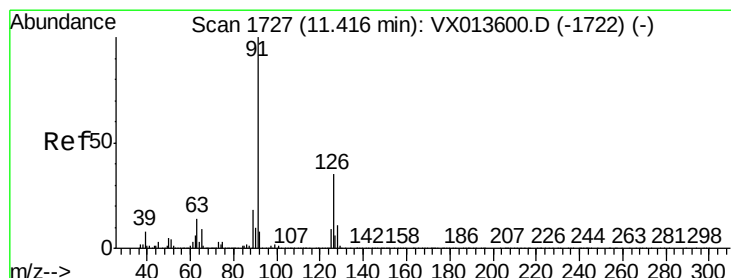
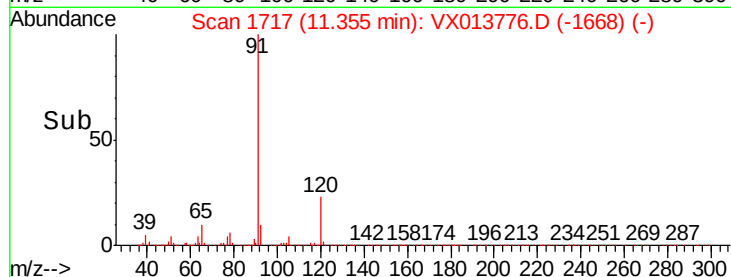
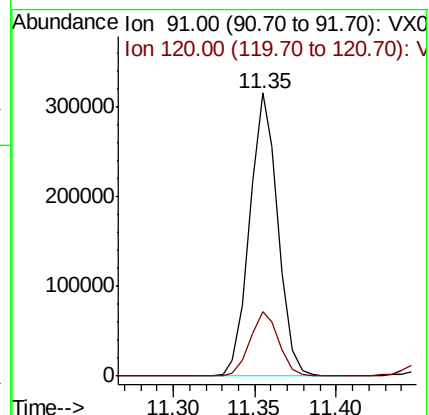
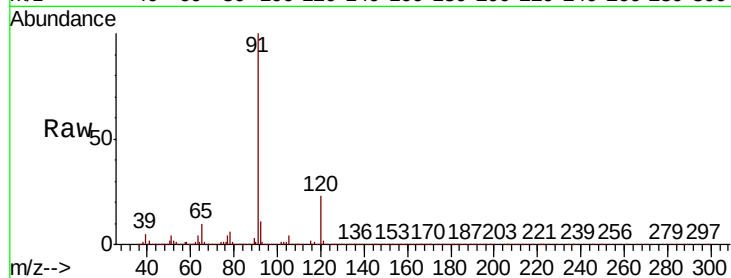
WATER-COMPD

Tot Ion: 91 Resp: 380031

Ion Ratio Lower Upper

91 100

120 23.3 11.8 35.3



#79

2-Chlorotoluene

Concen: 18.835 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.06 min

Lab File: VX013776.D

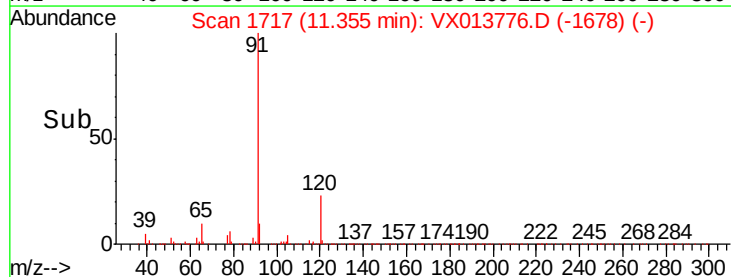
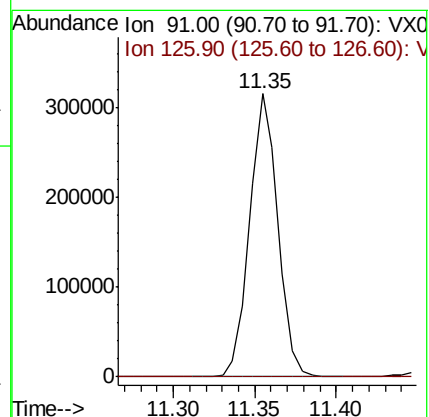
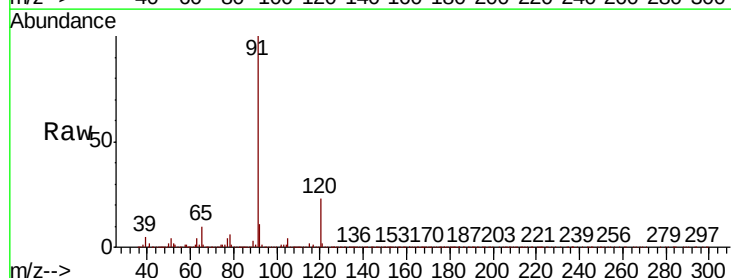
Acq: 05 Dec 2019 15:02

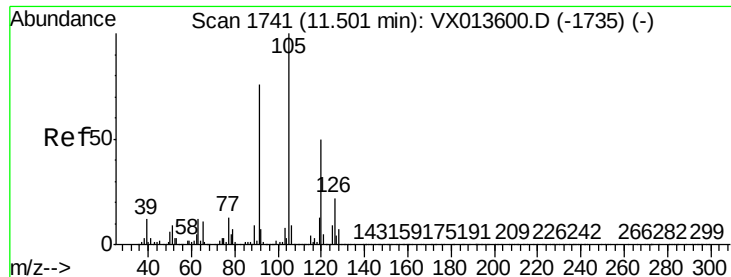
Tgt Ion: 91 Resp: 380031

Ion Ratio Lower Upper

91 100

126 0.1 17.5 52.5#

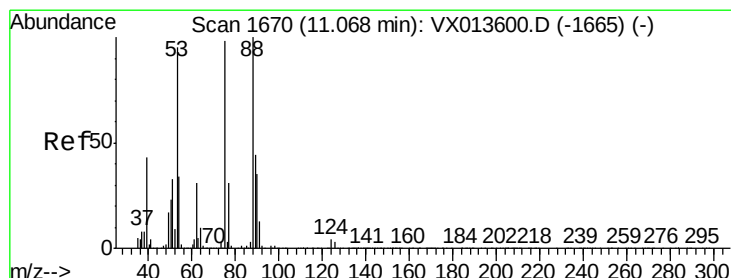
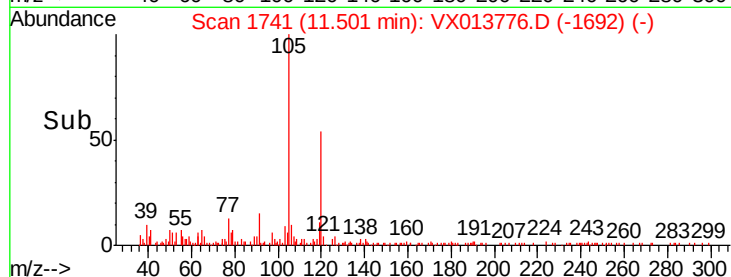
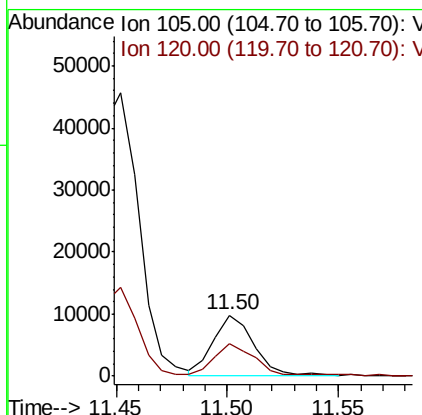
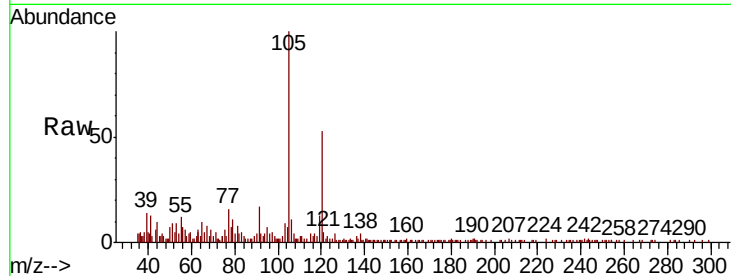




#80
 1,3,5-Trimethylbenzene
 Concen: 0.489 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013776.D
 Acq: 05 Dec 2019 15:02

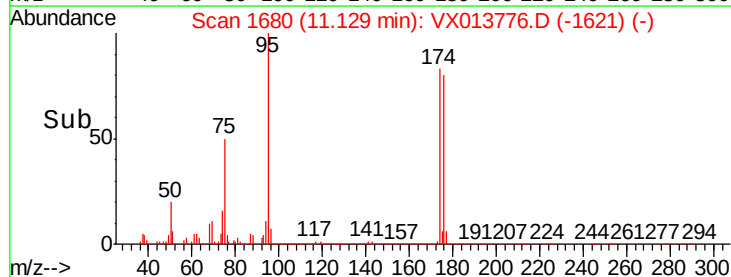
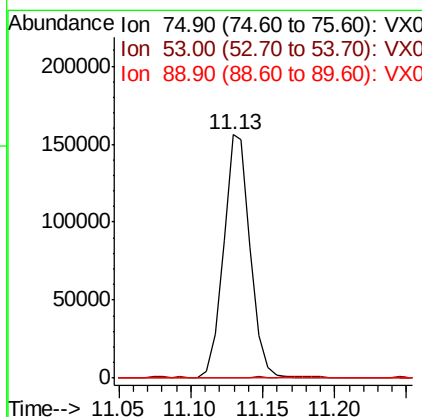
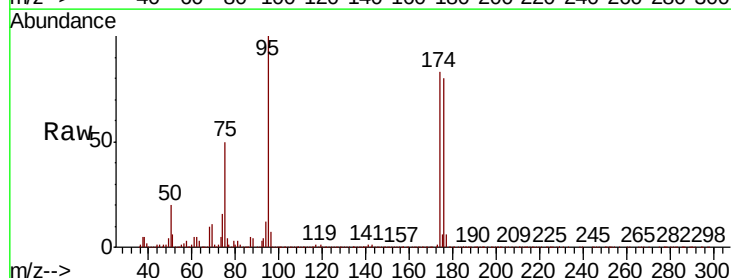
Instrument :
 MSVOA_X
 ClientSampleID :
 WATER-COMPDL

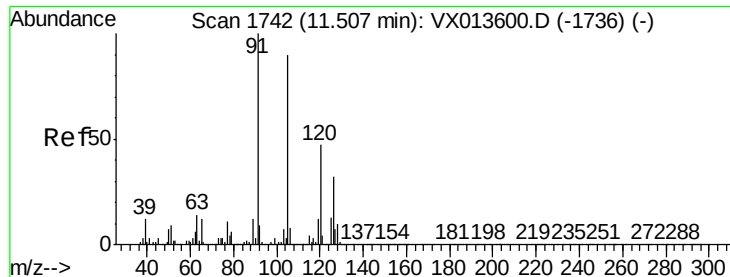
Tot Ion:105 Resp: 12073
 Ion Ratio Lower Upper
 105 100
 120 48.8 25.3 75.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.969 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX013776.D
 Acq: 05 Dec 2019 15:02

Tgt Ion: 75 Resp: 201175
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.2 117.2#
 89 0.3 35.4 53.2#

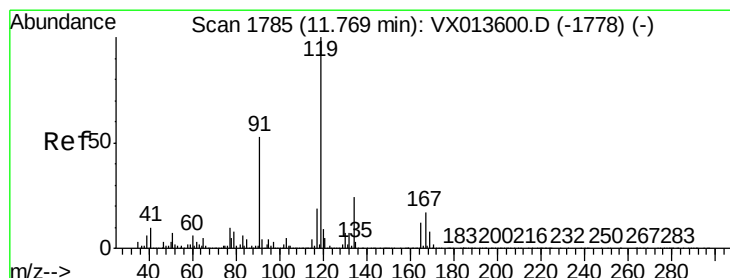
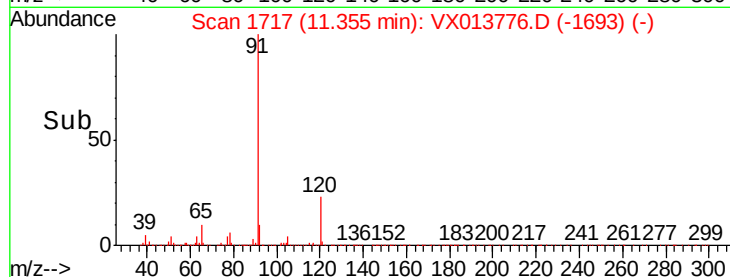
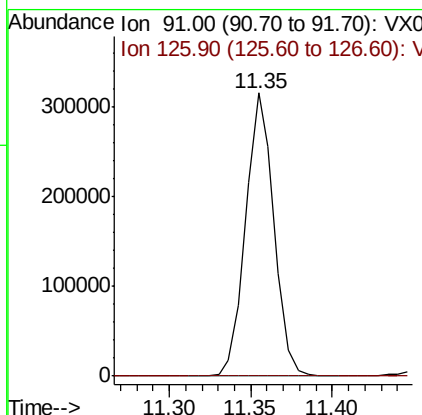
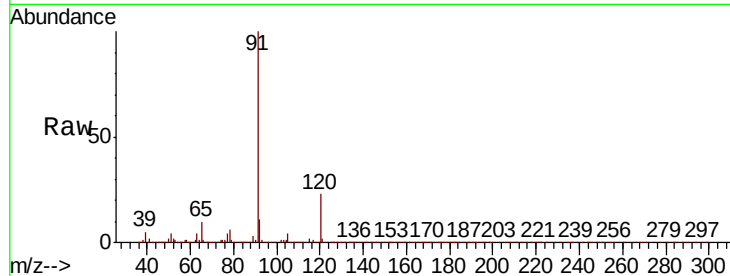




#82
4-Chlorotoluene
Concen: 16.262 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.15 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

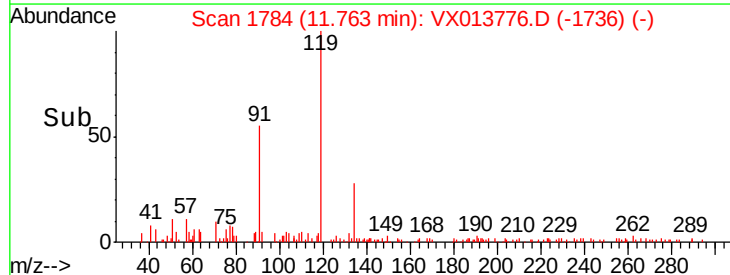
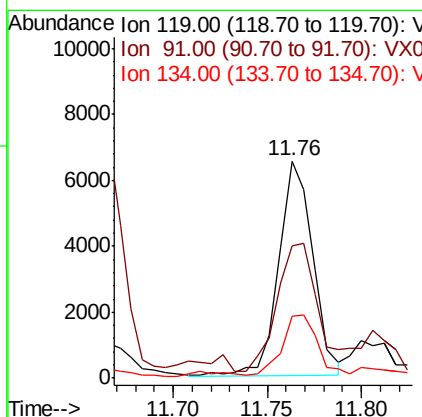
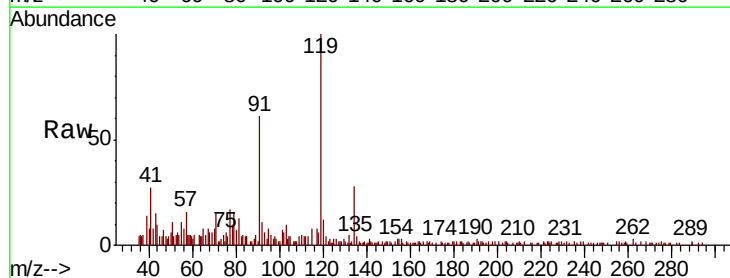
Instrument :
MSVOA_X
ClientSampleId :
WATER-COMPD

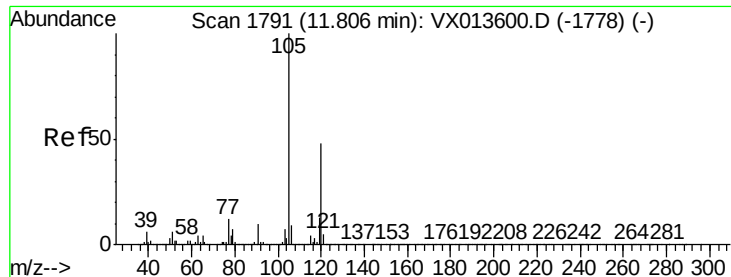
Tot Ion: 91 Resp: 380031
Ion Ratio Lower Upper
91 100
126 0.1 15.7 47.0#



#83
tert-Butylbenzene
Concen: 0.330 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

Tgt Ion: 119 Resp: 8278
Ion Ratio Lower Upper
119 100
91 69.1 27.2 81.6
134 27.5 11.7 35.1

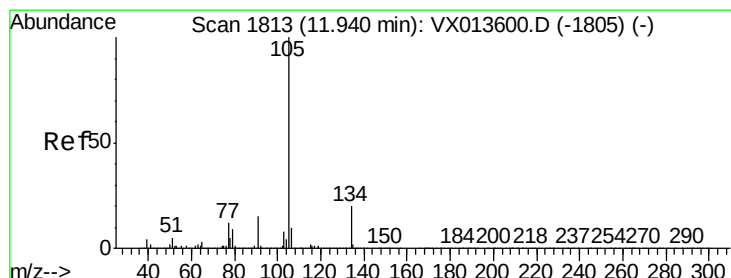
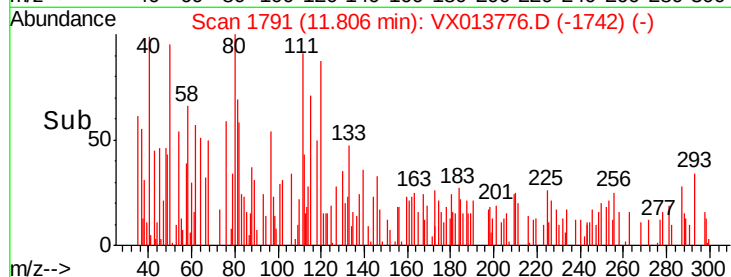
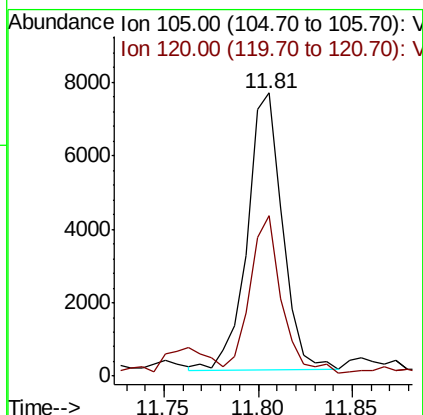
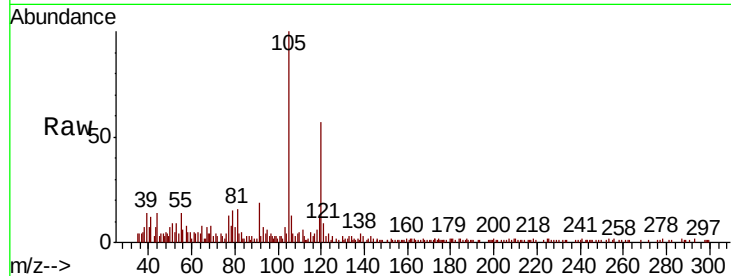




#84
1,2,4-Trimethylbenzene
Concen: 0.386 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

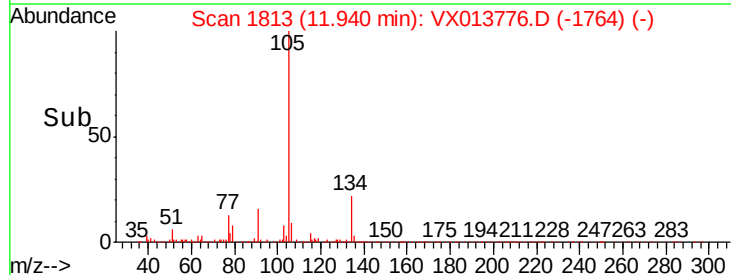
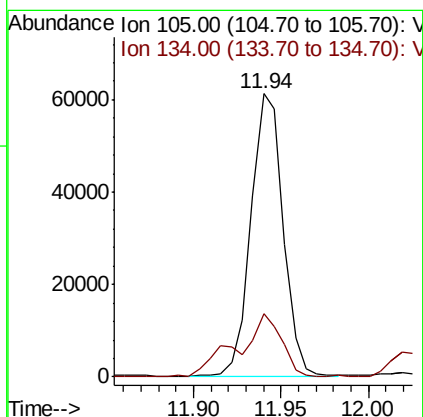
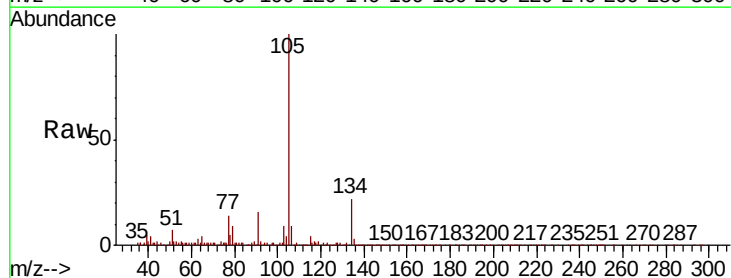
Instrument :
MSVOA_X
ClientSampleId :
WATER-COMPD

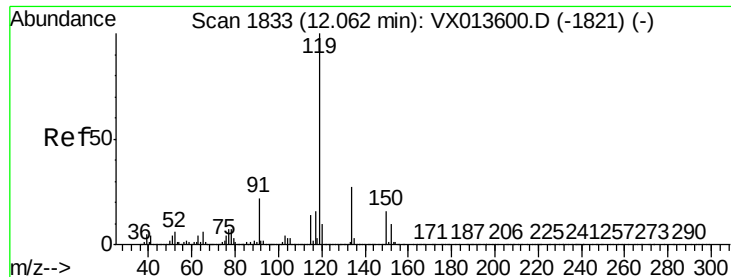
Tot Ion:105 Resp: 9675
Ion Ratio Lower Upper
105 100
120 50.0 23.1 69.3



#85
sec-Butylbenzene
Concen: 2.729 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX013776.D
Acq: 05 Dec 2019 15:02

Tgt Ion:105 Resp: 78217
Ion Ratio Lower Upper
105 100
134 29.9 10.4 31.2





#86

p-Isopropyltoluene

Concen: 1.839 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

WATER-COMPD

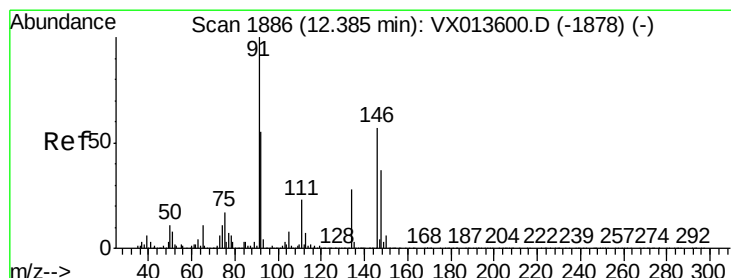
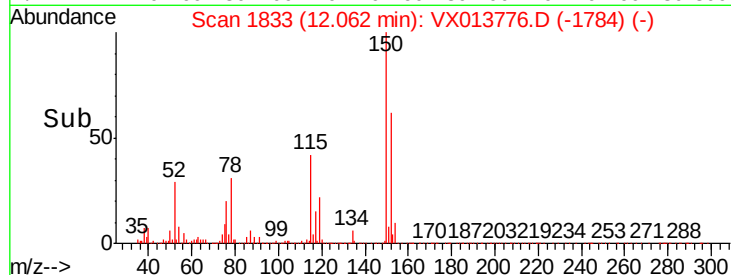
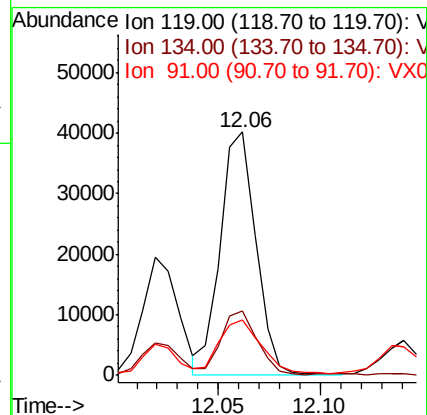
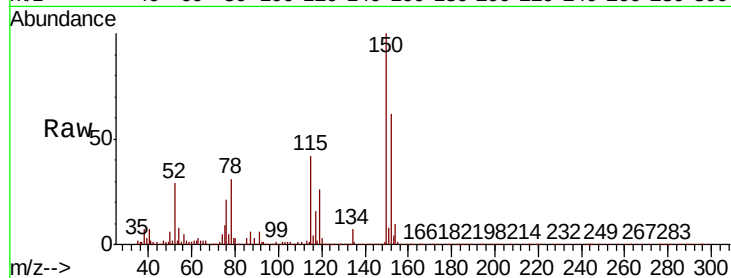
Tot Ion:119 Resp: 49046

Ion Ratio Lower Upper

119 100

134 25.6 13.3 39.9

91 24.9 11.3 33.8



#89

n-Butylbenzene

Concen: 2.976 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

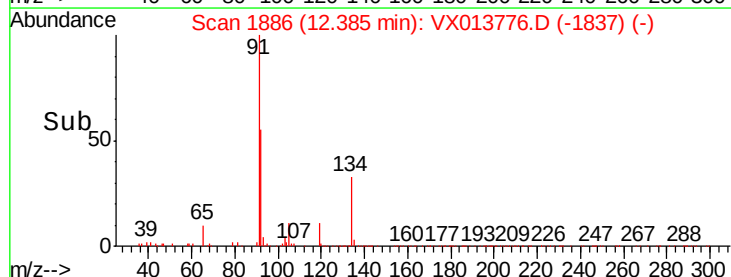
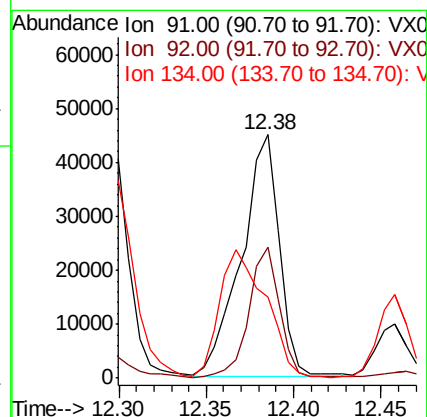
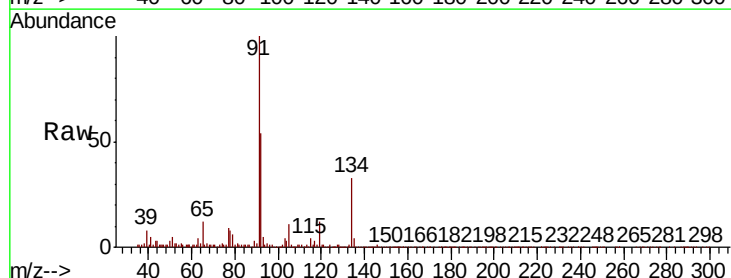
Tgt Ion: 91 Resp: 67700

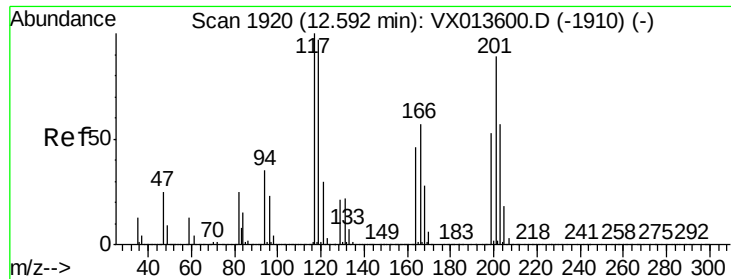
Ion Ratio Lower Upper

91 100

92 43.8 27.4 82.2

134 63.7 13.5 40.4#





#90

Hexachloroethane

Concen: 6.635 ug/l

RT: 12.67 min Scan# 1932

Delta R.T. 0.07 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

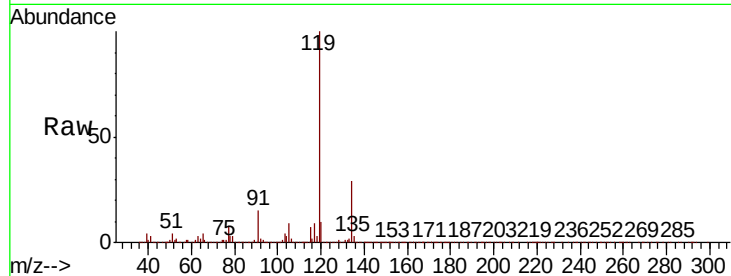
WATER-COMPDL

Tot Ion:117 Resp: 31985

Ion Ratio Lower Upper

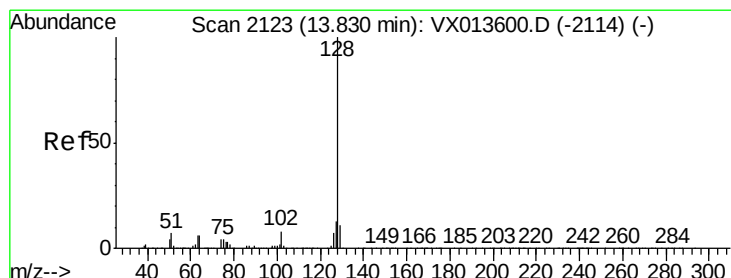
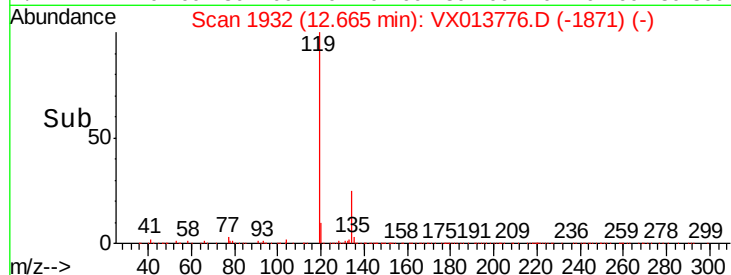
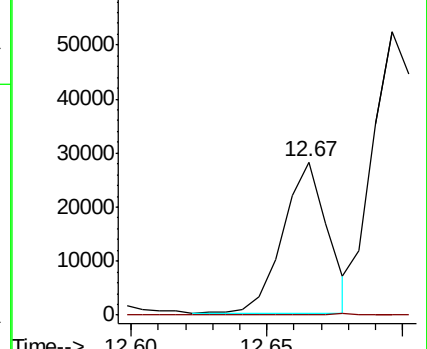
117 100

201 0.7 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: 11.659 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013776.D

Acq: 05 Dec 2019 15:02

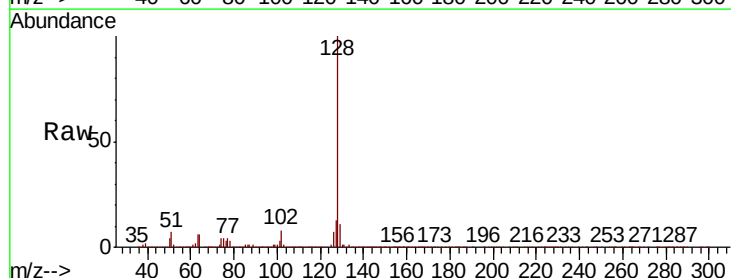
Tgt Ion:128 Resp: 339244

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 12.2 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

