

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013675.D
 Acq On : 28 Nov 2019 01:11
 Operator : JC/SP
 Sample : K6027-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Quant Time: Nov 28 04:21:58 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	673873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1050238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	965850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	473432	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	379965	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
35) Dibromofluoromethane	5.49	113	313859	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
50) Toluene-d8	8.71	98	1284097	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.14	95	452673	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	2487	0.391	ug/l #	34
11) Tert butyl alcohol	3.03	59	544	0.282	ug/l #	1
13) Acrolein	2.29	56	502	6.383	ug/l #	11
16) Acetone	2.43	43	6178	1.600	ug/l #	87
19) Methyl tert-butyl Ether	3.19	73	13206	0.622	ug/l	98
28) Bromochloromethane	5.00	49	1291	0.254	ug/l #	29
29) Tetrahydrofuran	5.29	42	1392	0.393	ug/l	98
31) Cyclohexane	5.58	56	4900	0.424	ug/l #	57
36) 1,1-Dichloropropene	5.65	75	44764	4.695	ug/l #	51
38) Carbon Tetrachloride	5.65	117	57565	6.548	ug/l #	14
39) Methylcyclohexane	7.46	83	261913	22.226	ug/l	98
40) Benzene	6.14	78	163920	5.645	ug/l	100
44) Trichloroethene	7.22	130	3975	0.499	ug/l	74
48) Methyl methacrylate	7.73	41	9419	1.101	ug/l #	46
49) 1,4-Dioxane	7.72	88	346	1.807	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	10456	0.944	ug/l #	45
52) Toluene	8.78	92	40348	2.237	ug/l	96
55) 1,1,2-Trichloroethane	9.16	97	40400	5.558	ug/l #	23
56) Ethyl methacrylate	9.15	69	20023	1.713	ug/l #	1
67) Ethyl Benzene	10.25	91	10184845	295.565	ug/l	92
68) m/p-Xylenes	10.36	106	474279	35.950	ug/l	100
69) o-Xylene	10.70	106	313040	24.329	ug/l	96
70) Styrene	10.70	104	25830	1.193	ug/l #	1
73) Isopropylbenzene	11.01	105	3852533	116.007	ug/l	99
76) 1,2,3-Trichloropropane	11.35	75	20565	1.931	ug/l #	1
78) n-propylbenzene	11.35	91	3578959	96.541	ug/l	99
79) 2-Chlorotoluene	11.45	91	518834	23.331	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.50	105	2671834	98.164	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.01	75	41285	10.607	ug/l #	61
82) 4-Chlorotoluene	11.50	91	278051	10.795	ug/l #	43
83) tert-Butylbenzene	11.81	119	1919934	69.408	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.80	105	12391583	448.585	ug/l	85
85) sec-Butylbenzene	11.80	105	12391583	392.193	ug/l #	55
86) p-Isopropyltoluene	12.02	119	768514	26.146	ug/l	97

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

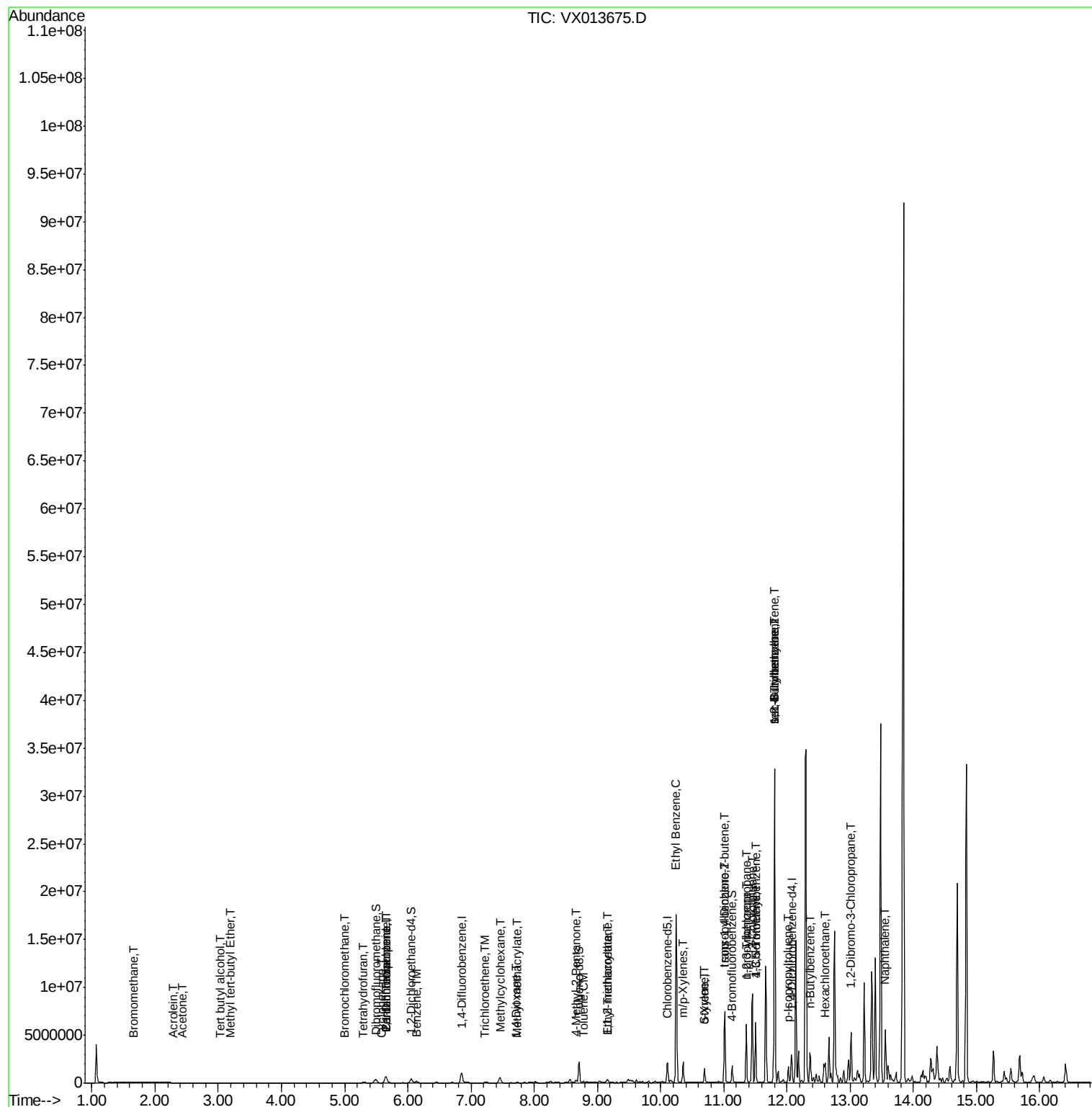
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.37	91	379354	15.132	ug/l #	11
90) Hexachloroethane	12.60	117	310074	58.362	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18604	7.418	ug/l #	1
95) Naphthalene	13.56	128	658819	20.543	ug/l #	1

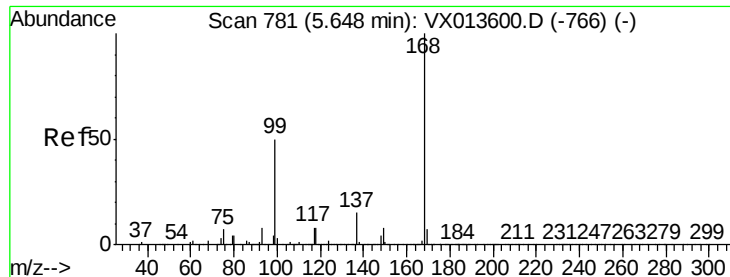
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112719\
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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: VX013675.D

Acq: 28 Nov 2019 01:11

Instrument :

MSVOA_X

ClientSampled :

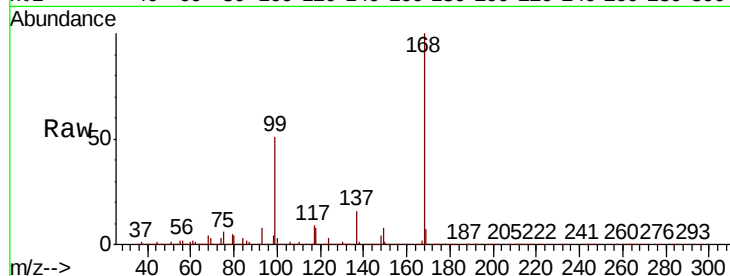
MW-12

Tot Ion:168 Resp: 673873

Ion Ratio Lower Upper

168 100

99 50.5 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

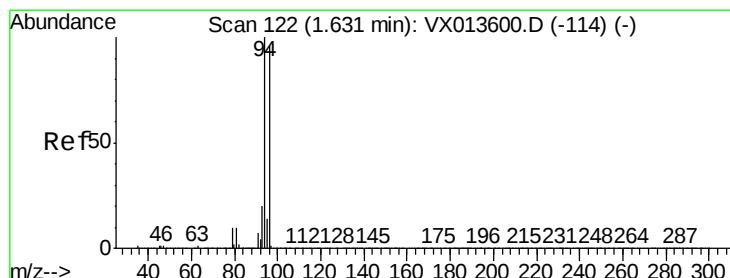
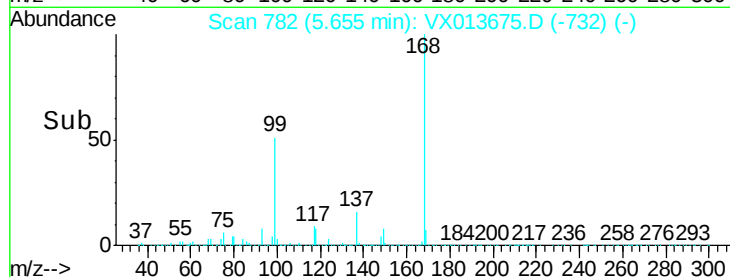
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.391 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.02 min

Lab File: VX013675.D

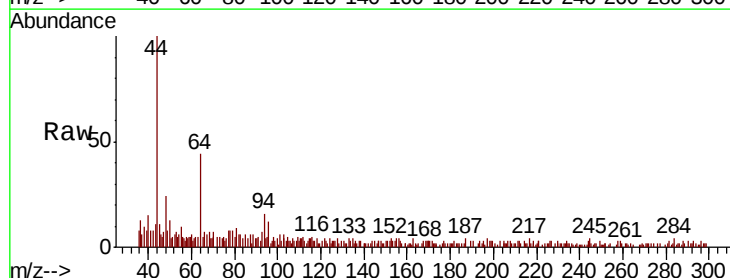
Acq: 28 Nov 2019 01:11

Tgt Ion: 94 Resp: 2487

Ion Ratio Lower Upper

94 100

96 31.9 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

1200

1000

800

600

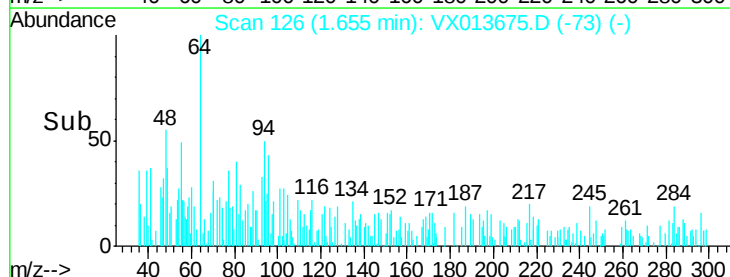
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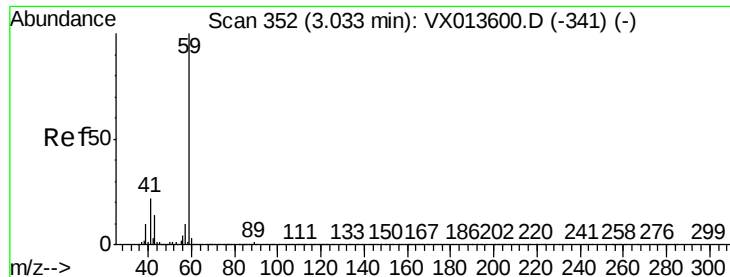
200

0

Time-->

1.60 1.65 1.70

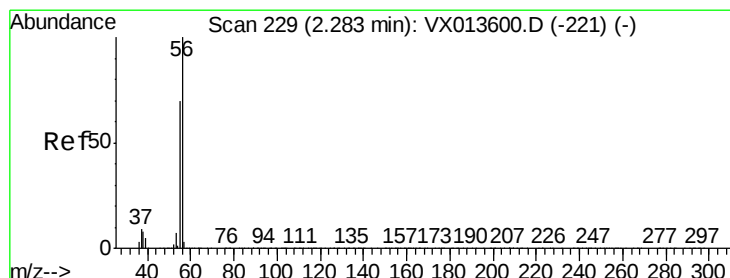
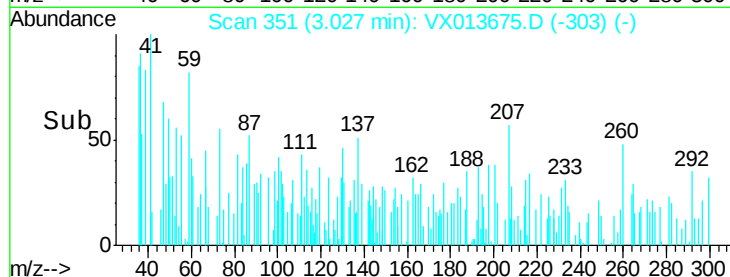
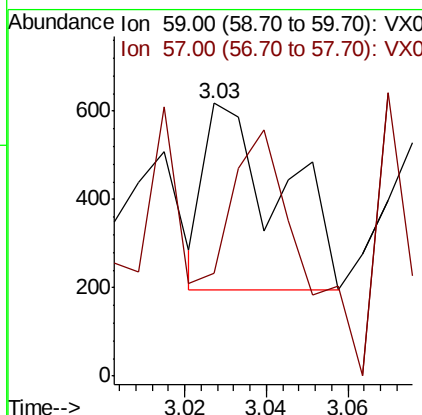
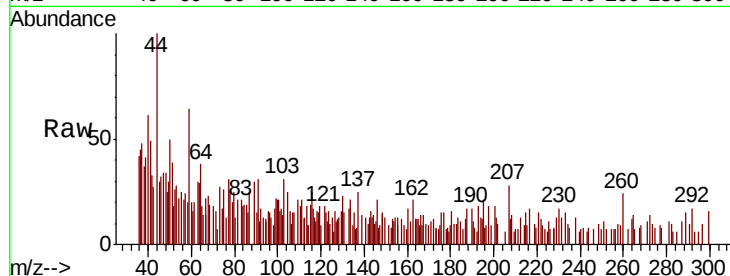




#11
Tert butyl alcohol
Concen: 0.282 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013675.D
Acq: 28 Nov 2019 01:11

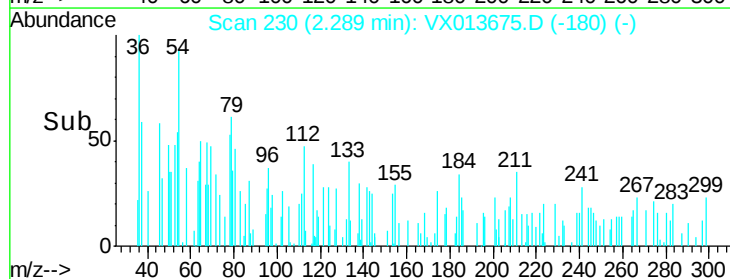
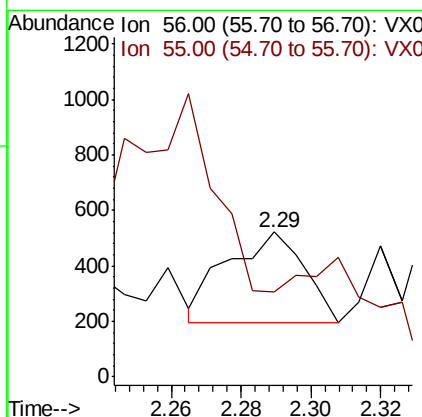
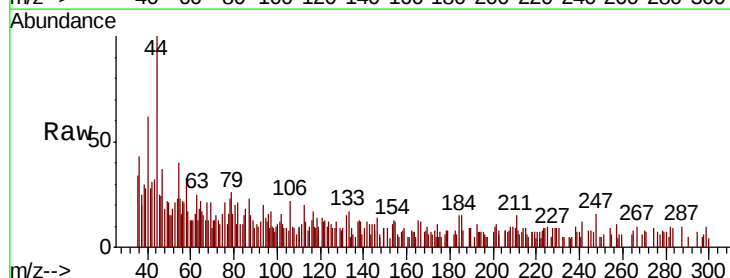
Instrument :
MSVOA_X
ClientSampleId :
MW-12

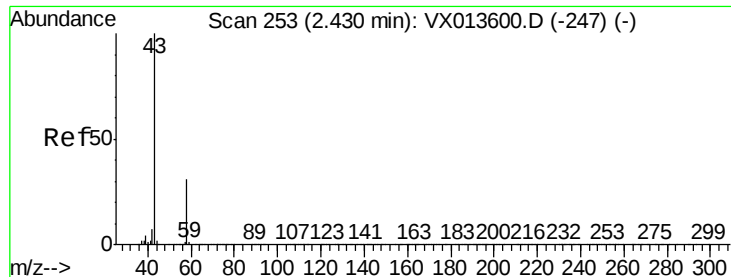
Tot Ion: 59 Resp: 544
Ion Ratio Lower Upper
59 100
57 119.1 7.8 11.6#



#13
Acrolein
Concen: 6.383 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX013675.D
Acq: 28 Nov 2019 01:11

Tgt Ion: 56 Resp: 502
Ion Ratio Lower Upper
56 100
55 143.6 56.2 84.4#

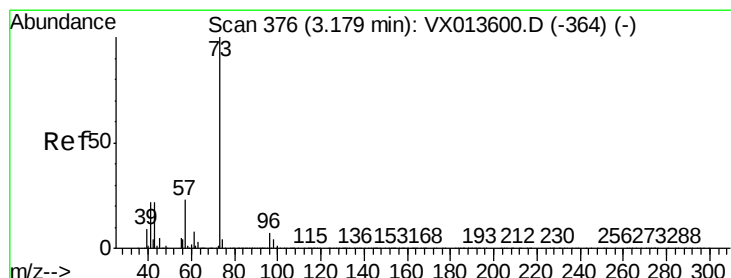
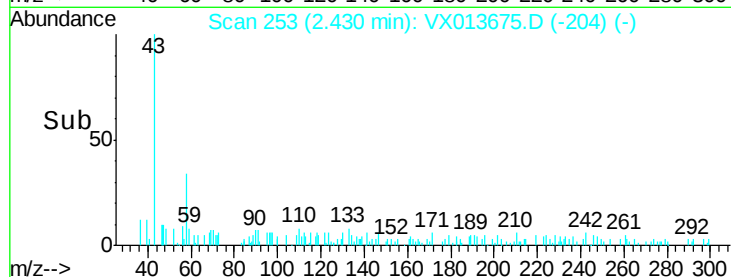
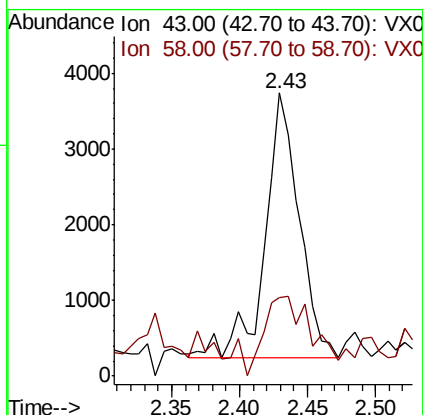
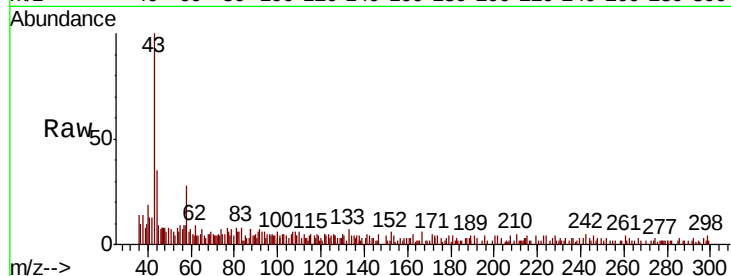




#16
Acetone
Concen: 1.600 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013675.D
Acq: 28 Nov 2019 01:11

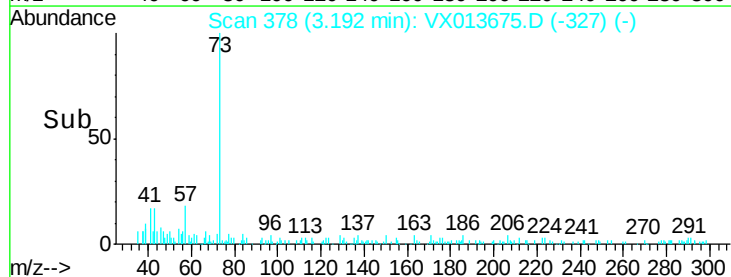
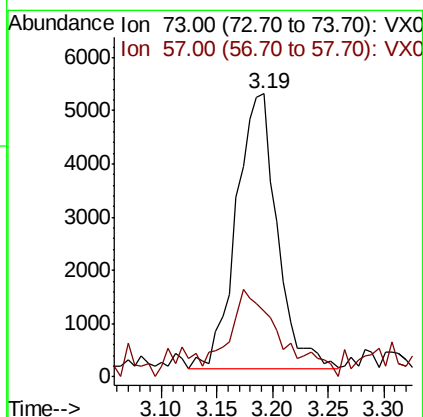
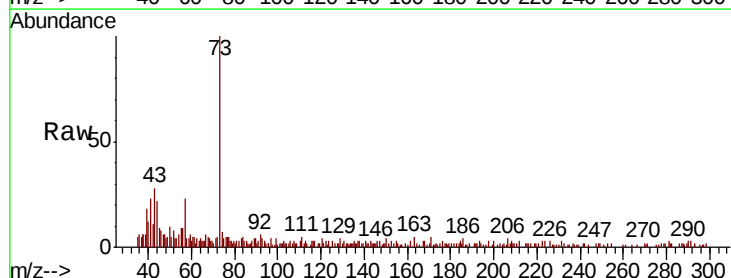
Instrument :
MSVOA_X
ClientSampleId :
MW-12

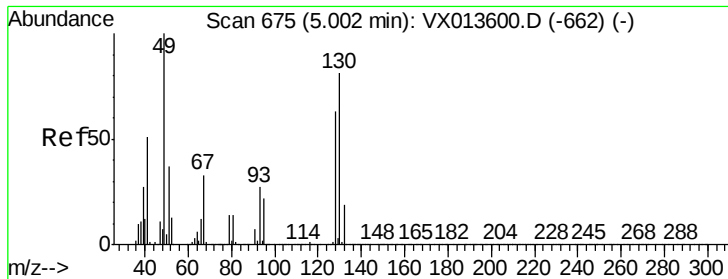
Tot Ion: 43 Resp: 6178
Ion Ratio Lower Upper
43 100
58 23.6 24.6 36.8#



#19
Methyl tert-butyl Ether
Concen: 0.622 ug/l
RT: 3.19 min Scan# 378
Delta R.T. 0.01 min
Lab File: VX013675.D
Acq: 28 Nov 2019 01:11

Tgt Ion: 73 Resp: 13206
Ion Ratio Lower Upper
73 100
57 23.9 18.3 27.5





#28

Bromochloromethane

Concen: 0.254 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

Instrument :

MSVOA_X

ClientSampled :

MW-12

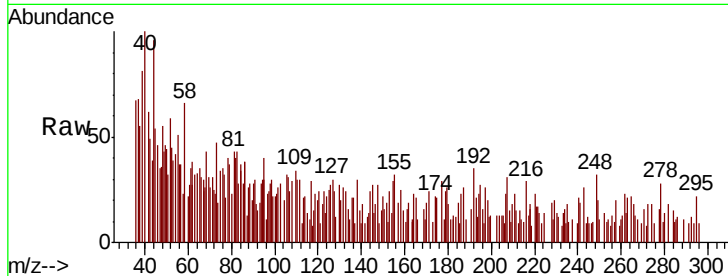
Tot Ion: 49 Resp: 1291

Ion Ratio Lower Upper

49 100

129 14.7 0.0 5.0#

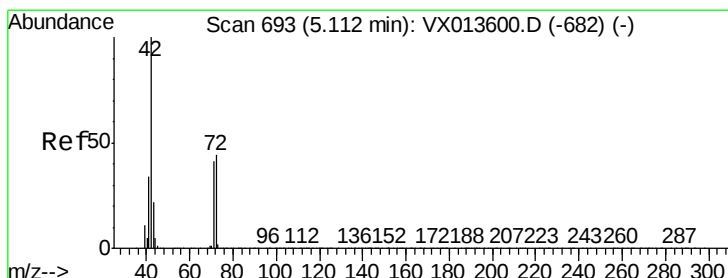
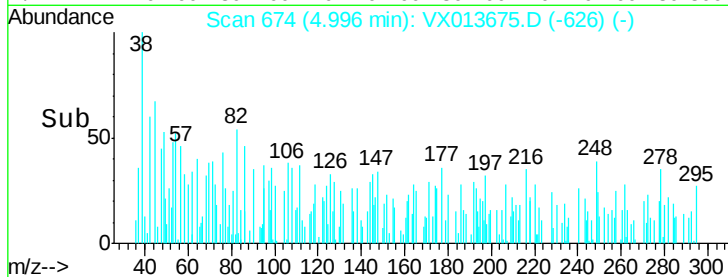
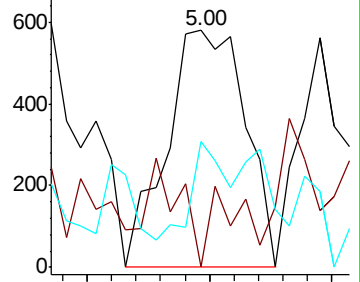
130 17.8 65.4 98.0#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.393 ug/l

RT: 5.29 min Scan# 723

Delta R.T. 0.18 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

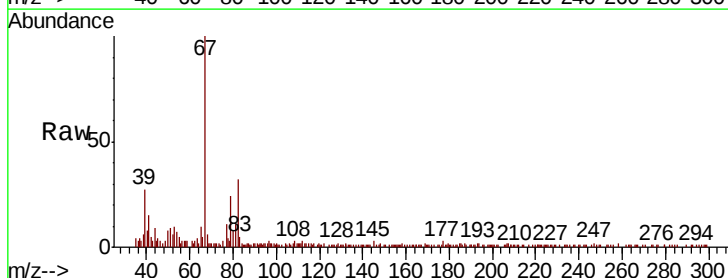
Tgt Ion: 42 Resp: 1392

Ion Ratio Lower Upper

42 100

72 44.3 36.3 54.5

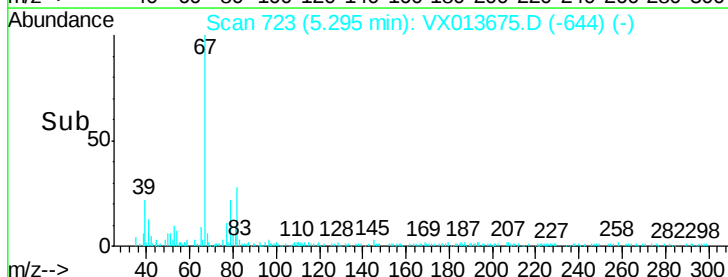
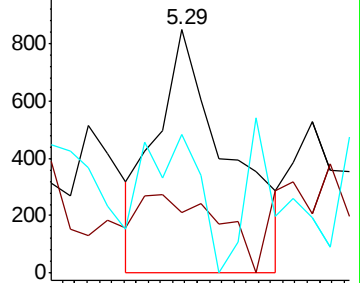
71 42.3 33.2 49.8

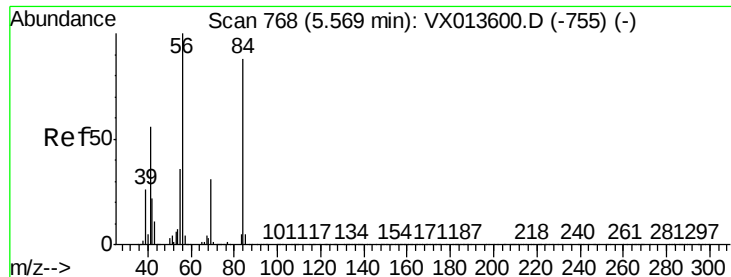


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

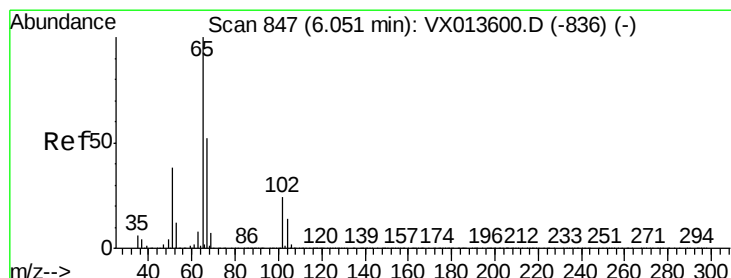
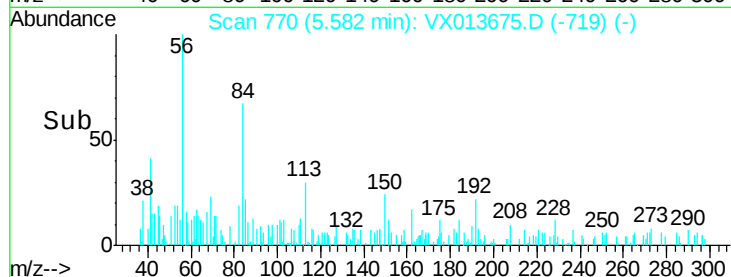
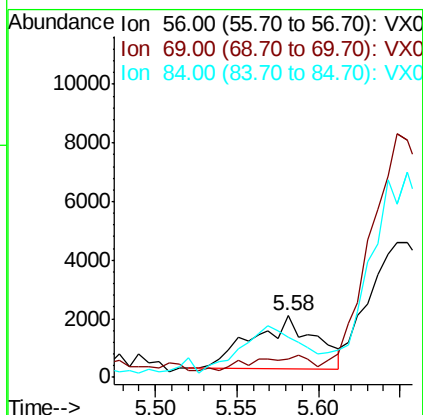
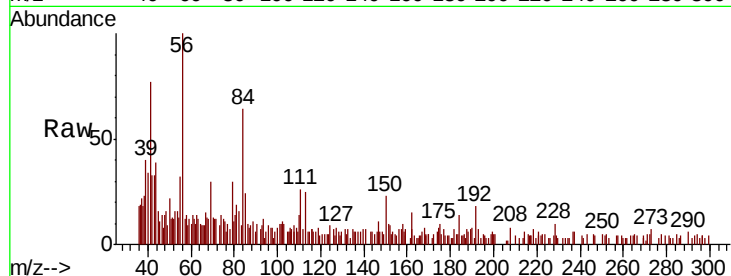




#31
Cyclohexane
Concen: 0.424 ug/l
RT: 5.58 min Scan# 770
Delta R.T. 0.01 min
Lab File: VX013675.D
Acq: 28 Nov 2019 01:11

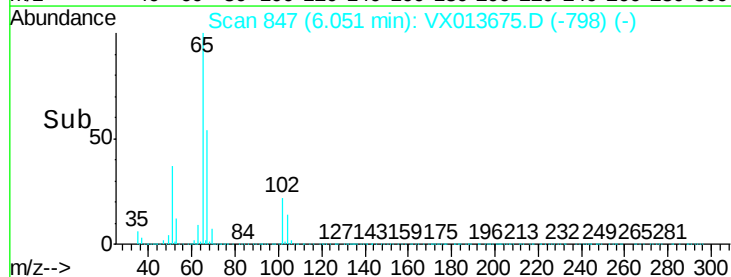
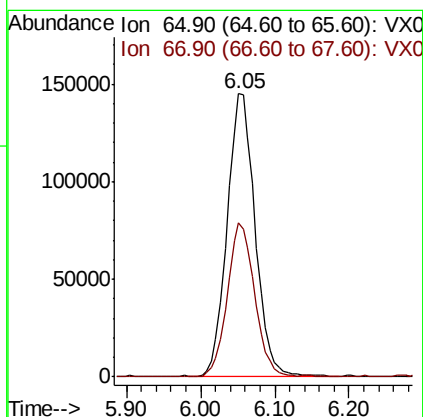
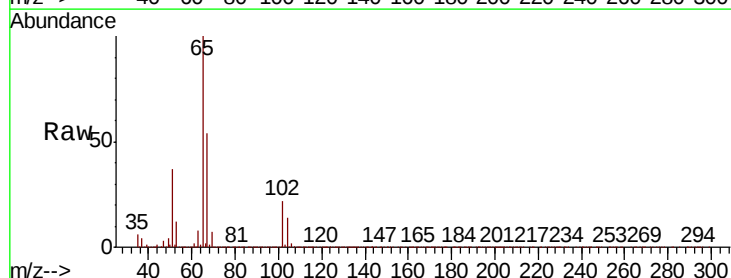
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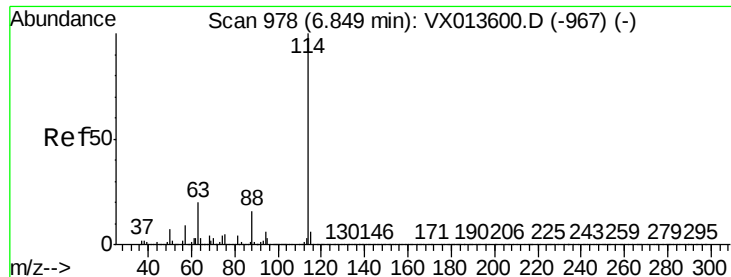
Tot Ion: 56 Resp: 4900
Ion Ratio Lower Upper
56 100
69 21.3 24.6 36.8#
84 38.9 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 48.576 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013675.D
Acq: 28 Nov 2019 01:11

Tgt Ion: 65 Resp: 379965
Ion Ratio Lower Upper
65 100
67 52.9 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: VX013675.D

Acq: 28 Nov 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

MW-12

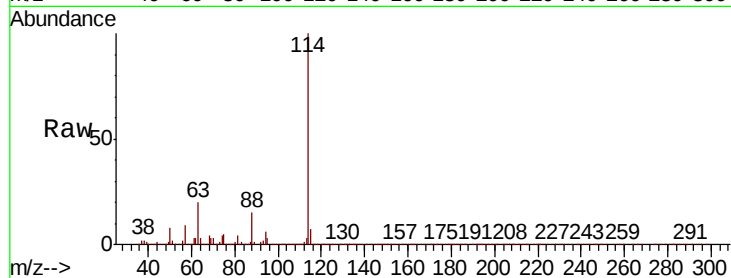
Tot Ion:114 Resp: 1050238

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

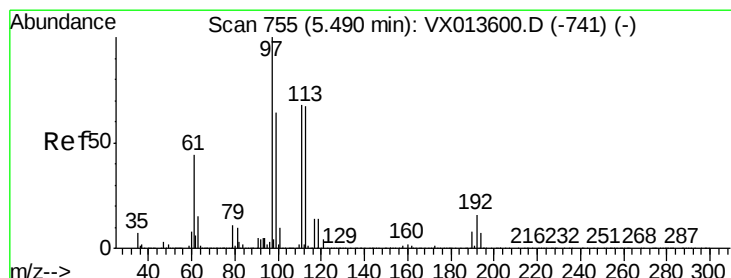
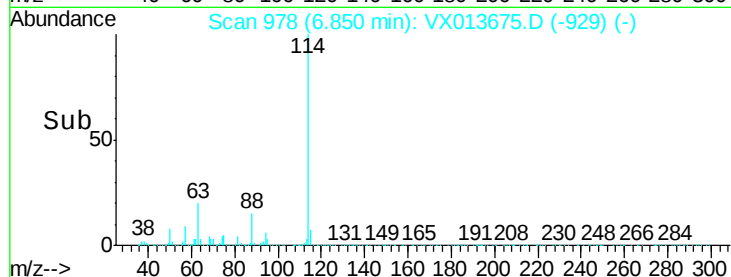
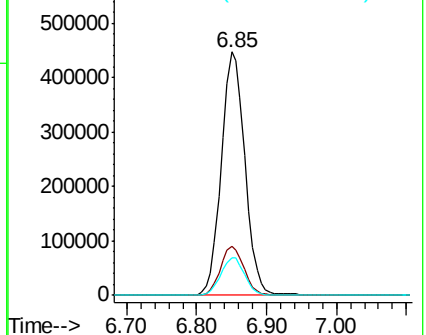
88 15.4 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 48.340 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

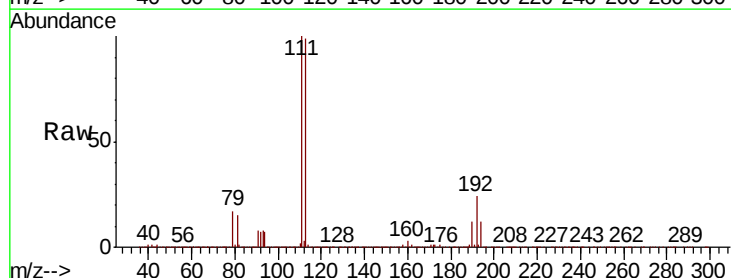
Tgt Ion:113 Resp: 313859

Ion Ratio Lower Upper

113 100

111 101.6 83.6 125.4

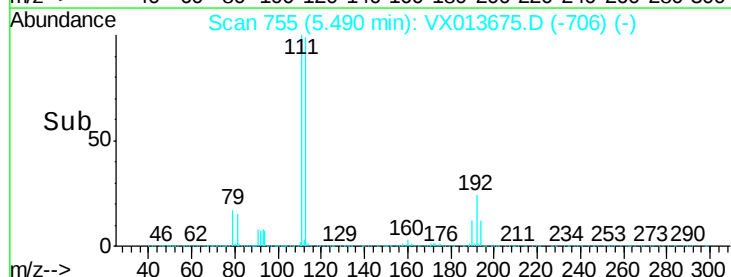
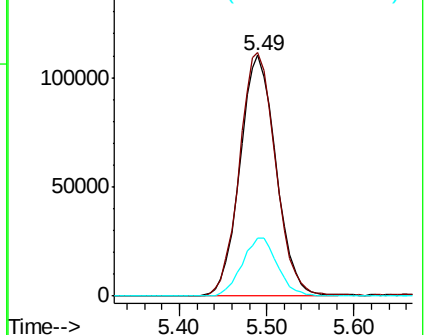
192 24.0 19.2 28.8

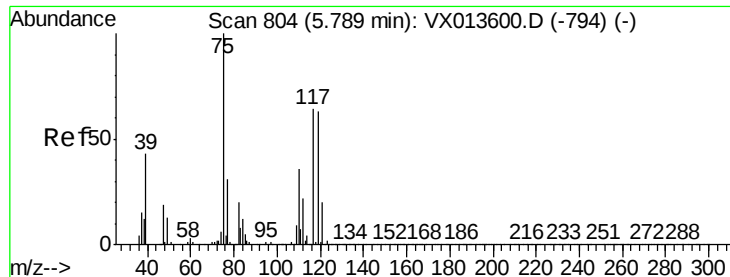


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.695 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

MW-12

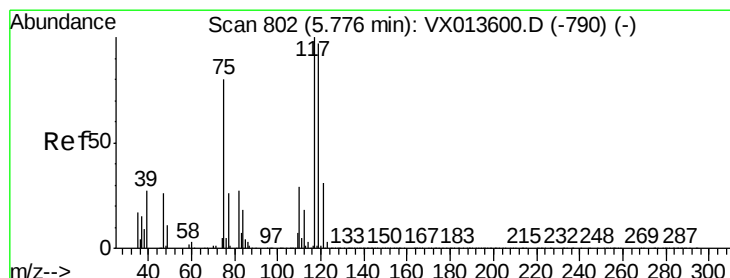
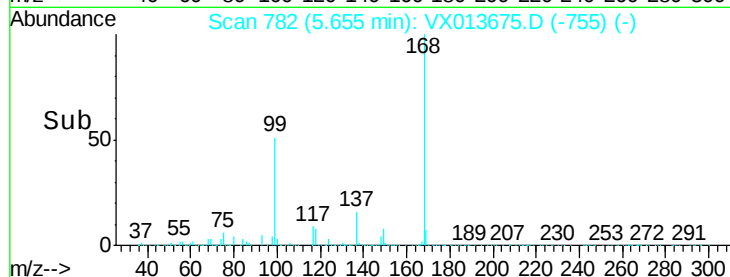
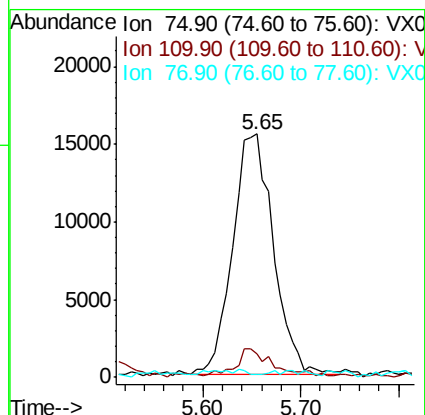
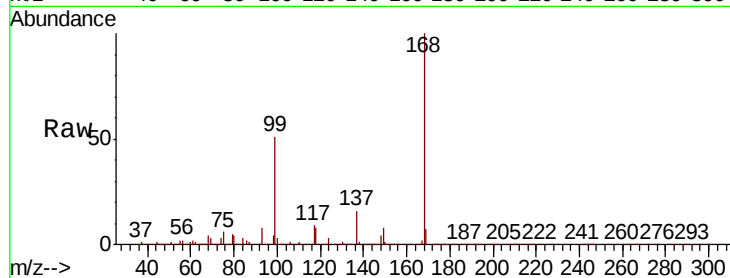
Tot Ion: 75 Resp: 44764

Ion Ratio Lower Upper

75 100

110 10.4 18.1 54.1#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.548 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

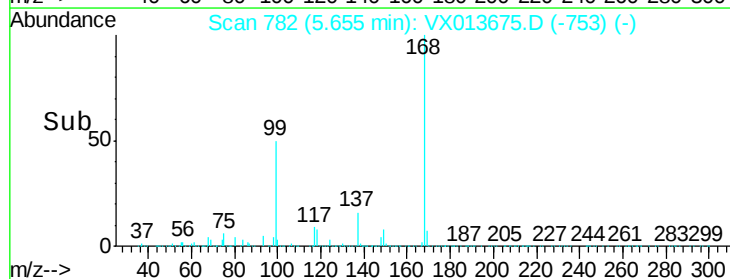
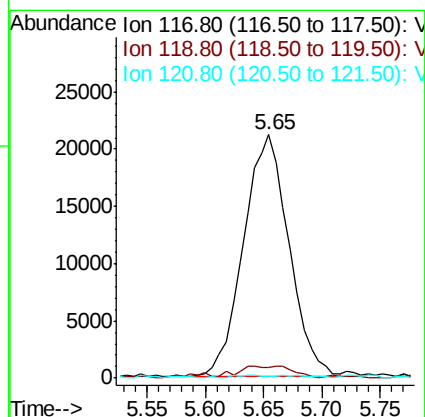
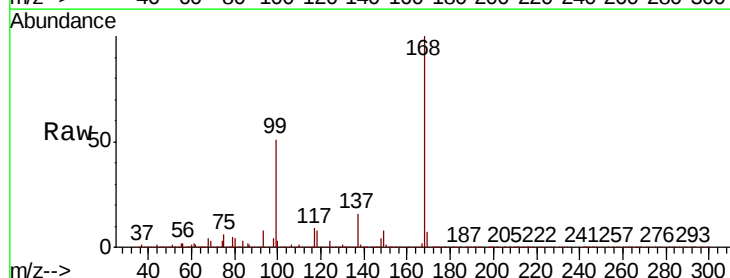
Tgt Ion: 117 Resp: 57565

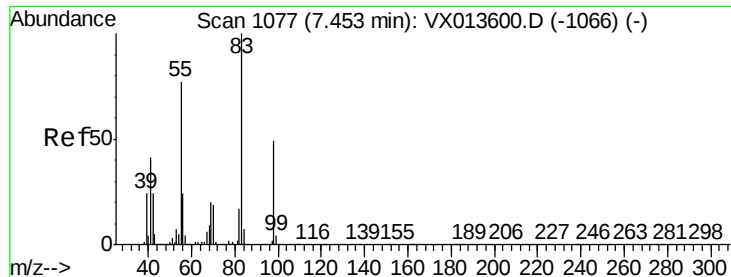
Ion Ratio Lower Upper

117 100

119 3.6 77.5 116.3#

121 0.0 25.0 37.6#

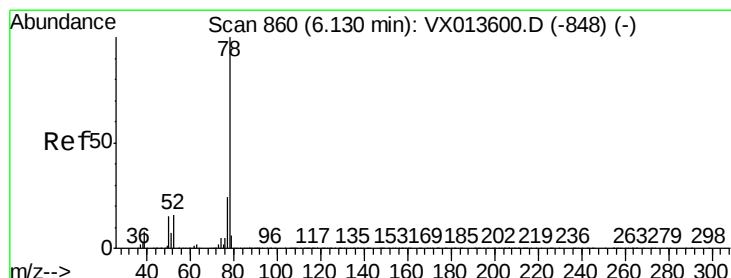
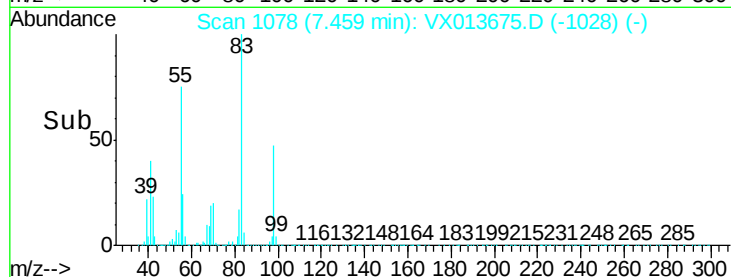
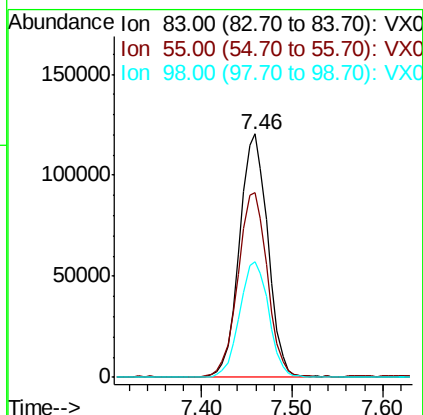
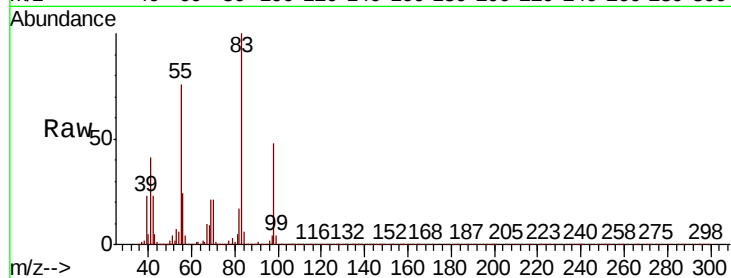




#39
Methvlcvclohexane
Concen: 22.226 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013675.D
Acq: 28 Nov 2019 01:11

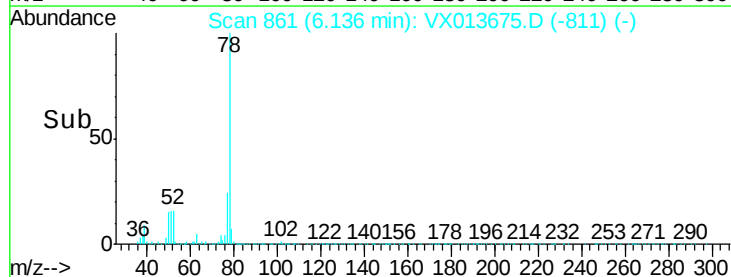
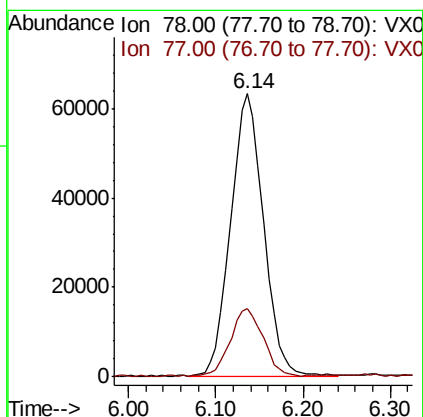
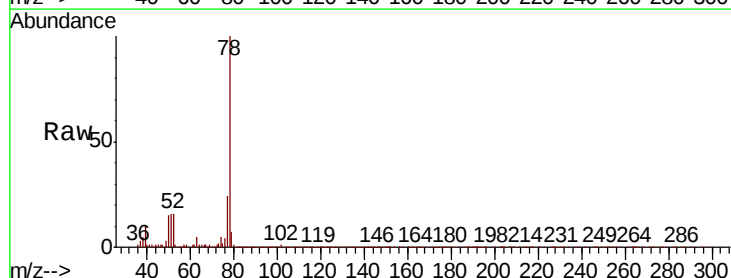
Instrument :
MSVOA_X
ClientSampleId :
MW-12

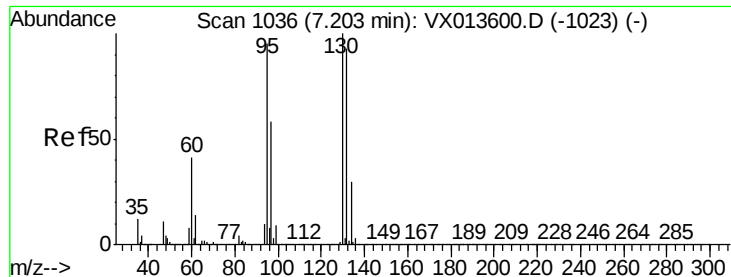
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.9	92.9
98	47.7	39.4	59.0



#40
Benzene
Concen: 5.645 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013675.D
Acq: 28 Nov 2019 01:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





#44

Trichloroethene

Concen: 0.499 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

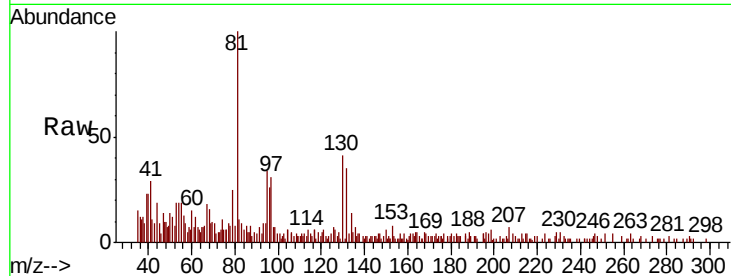
MW-12

Tot Ion:130 Resp: 3975

Ion Ratio Lower Upper

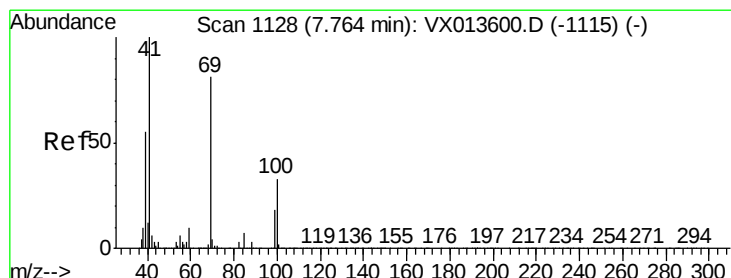
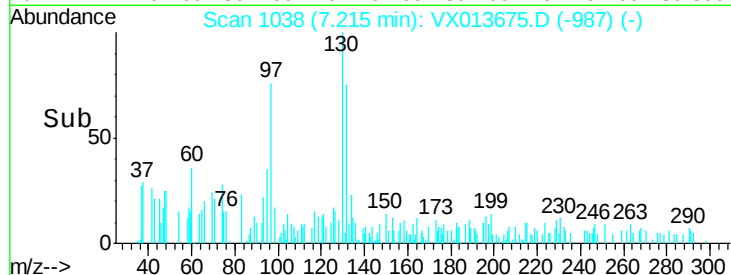
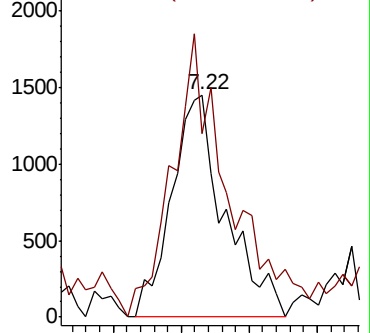
130 100

95 69.8 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#48

Methyl methacrylate

Concen: 1.101 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.04 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

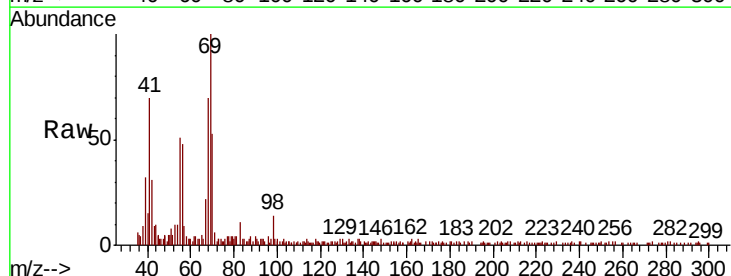
Tgt Ion: 41 Resp: 9419

Ion Ratio Lower Upper

41 100

69 159.0 64.7 97.1#

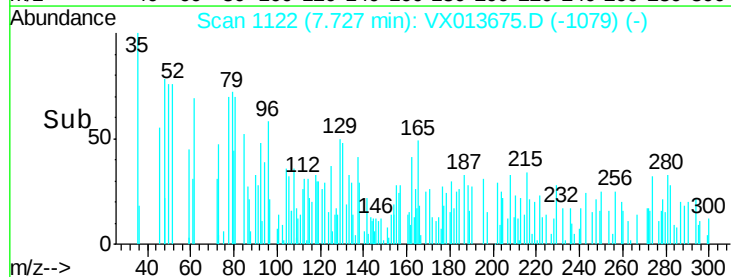
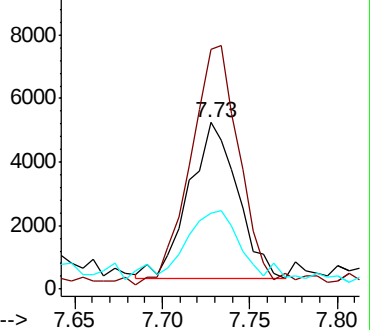
39 52.5 43.8 65.6

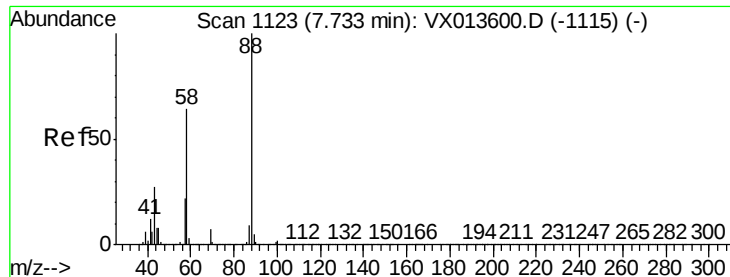


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1.807 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.02 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

MW-12

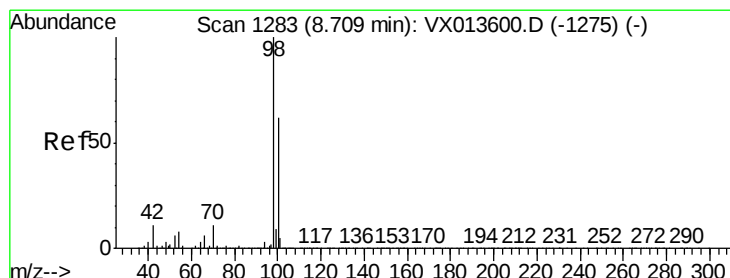
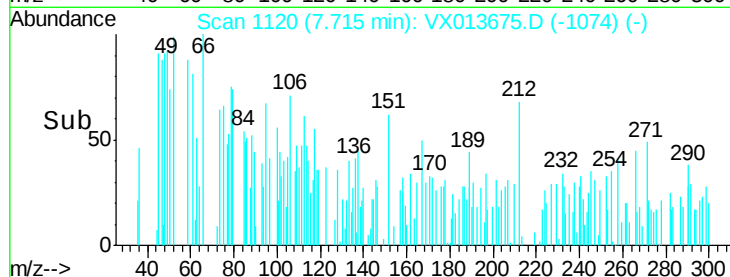
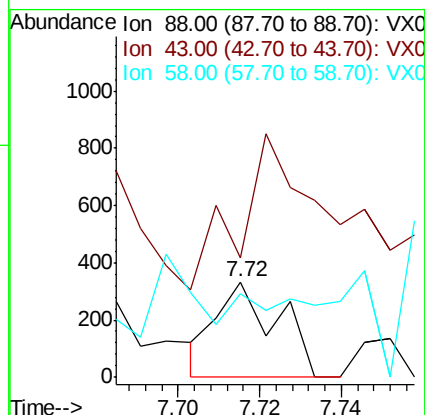
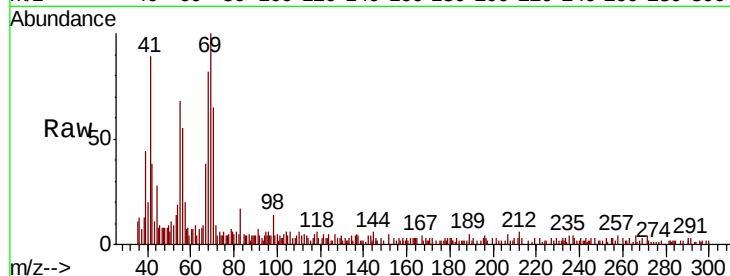
Tot Ion: 88 Resp: 346

Ion Ratio Lower Upper

88 100

43 360.7 25.8 38.6#

58 0.0 54.6 82.0#



#50

Toluene-d8

Concen: 50.762 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013675.D

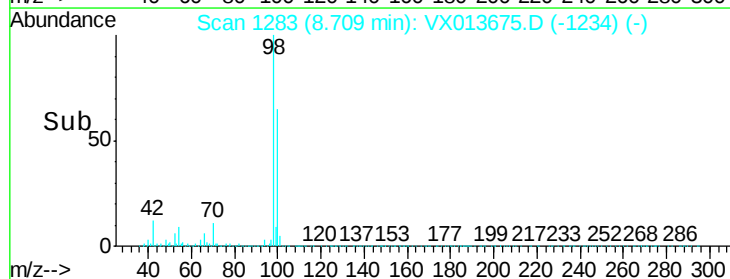
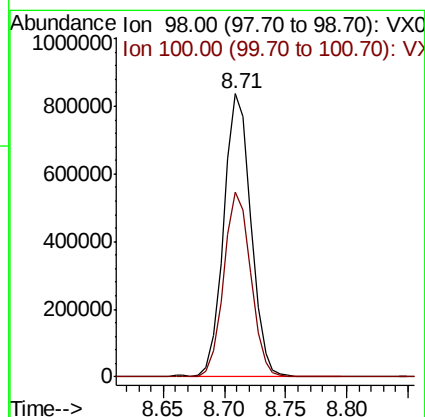
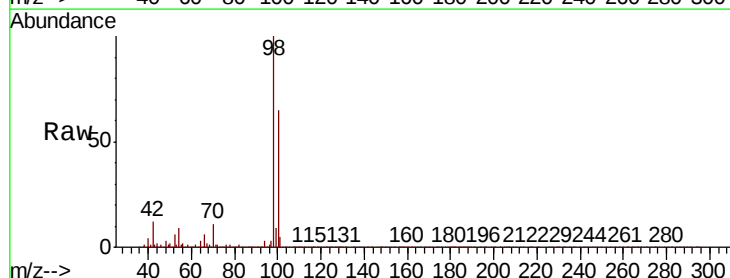
Acq: 28 Nov 2019 01:11

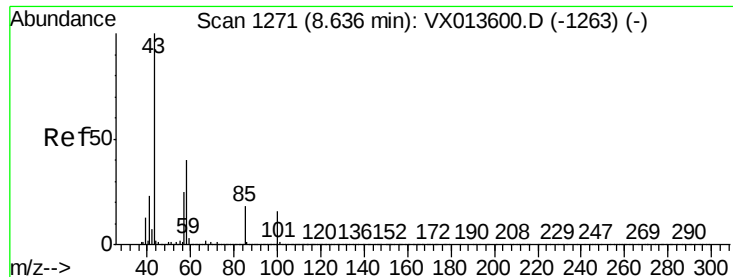
Tgt Ion: 98 Resp: 1284097

Ion Ratio Lower Upper

98 100

100 65.3 53.1 79.7

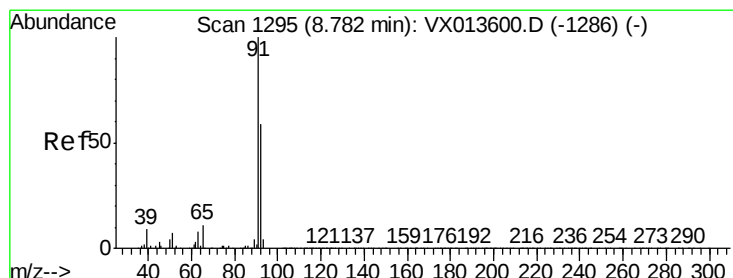
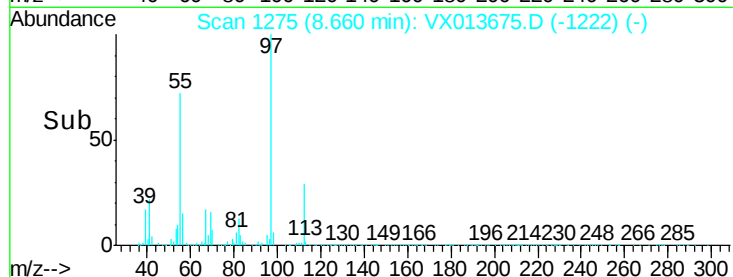
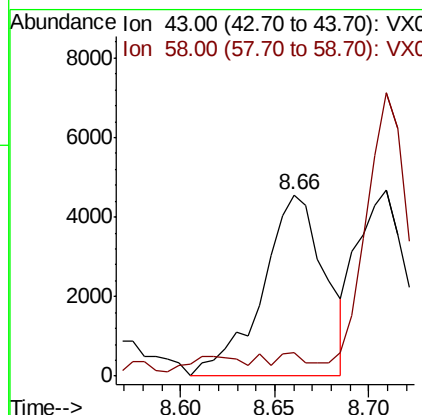
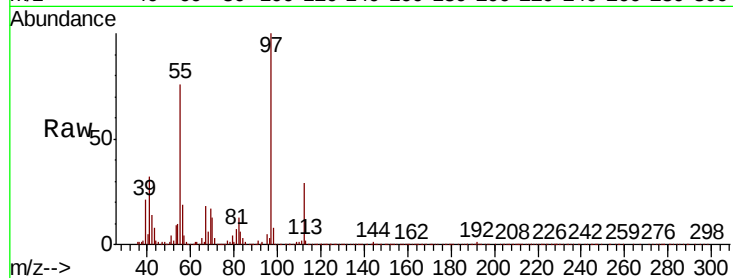




#51
4-Methyl-2-Pentanone
Concen: 0.944 ug/l
RT: 8.66 min Scan# 1275
Delta R.T. 0.02 min
Lab File: VX013675.D
Acq: 28 Nov 2019 01:11

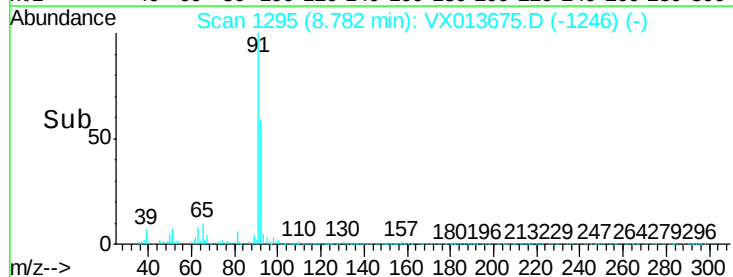
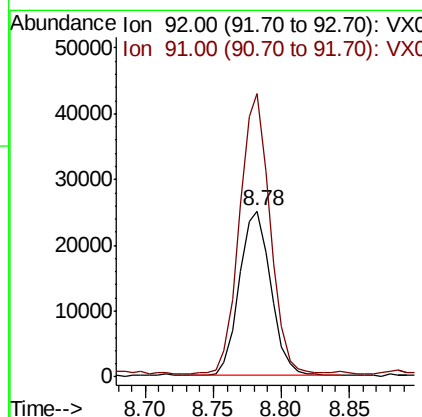
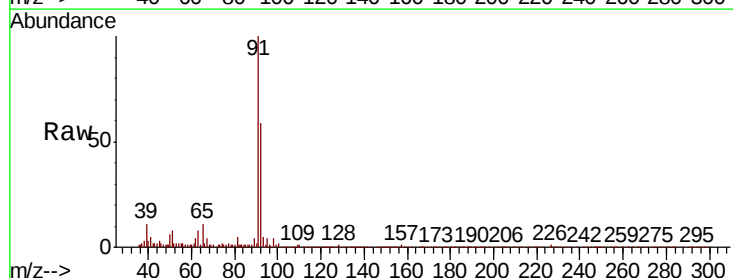
Instrument :
MSVOA_X
ClientSampleId :
MW-12

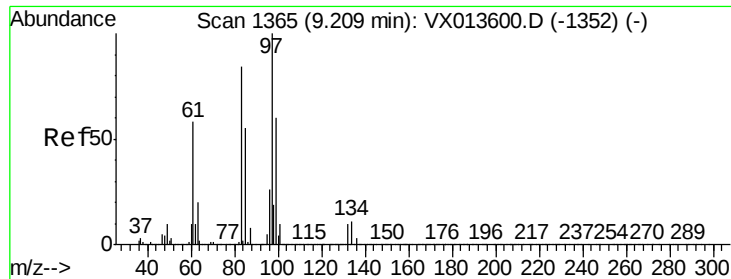
Tot Ion: 43 Resp: 10456
Ion Ratio Lower Upper
43 100
58 5.9 32.1 48.1#



#52
Toluene
Concen: 2.237 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013675.D
Acq: 28 Nov 2019 01:11

Tgt Ion: 92 Resp: 40348
Ion Ratio Lower Upper
92 100
91 164.5 136.2 204.2

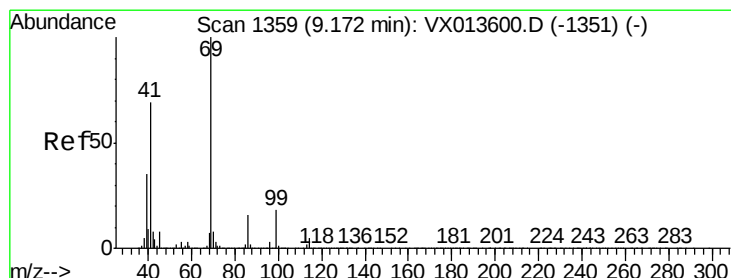
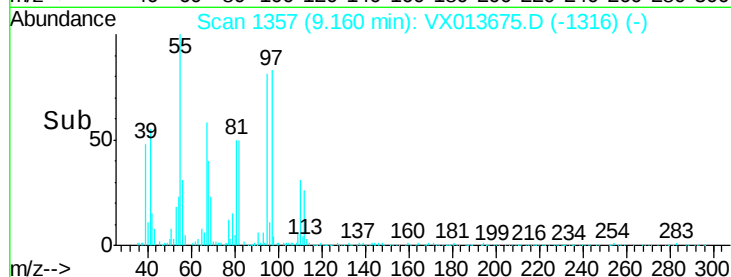
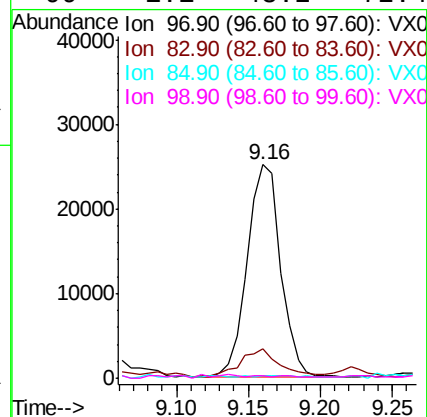
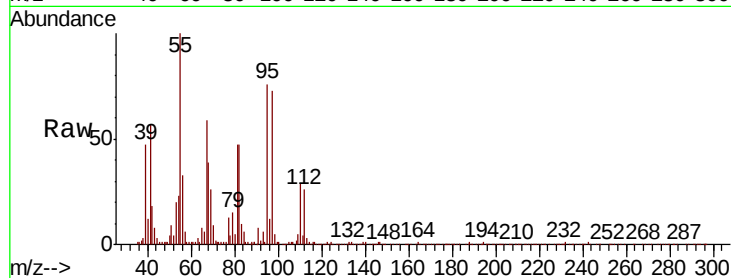




#55
 1,1,2-Trichloroethane
 Concen: 5.558 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX013675.D
 Acq: 28 Nov 2019 01:11

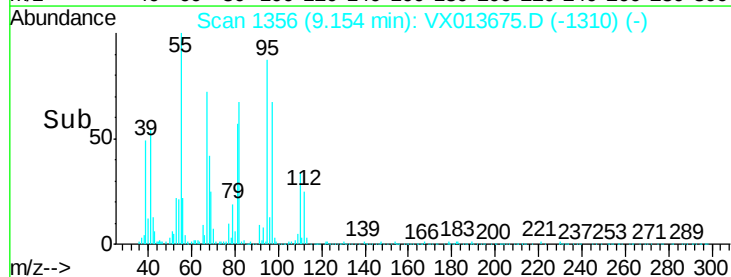
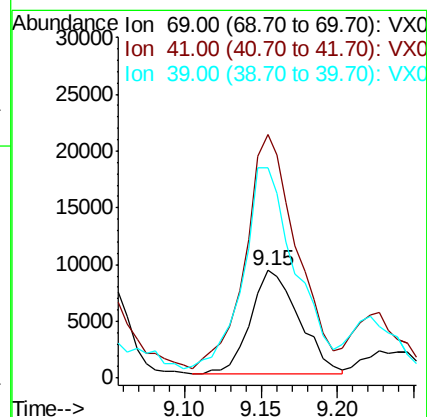
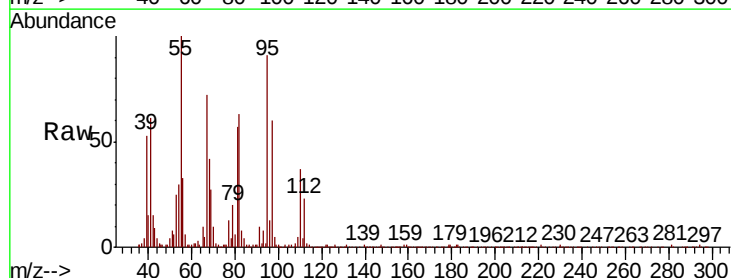
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

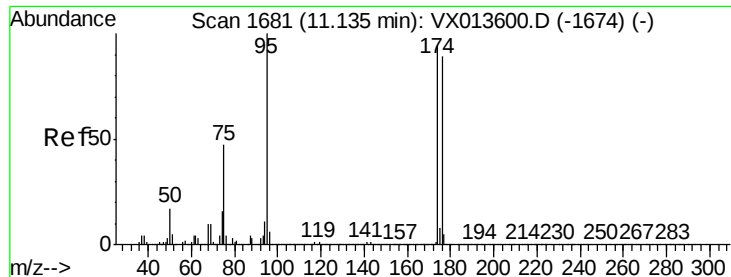
Tot Ion	Ratio	Lower	Upper
97	100		
83	12.9	67.3	100.9#
85	0.7	43.6	65.4#
99	1.1	48.2	72.4#



#56
 Ethyl methacrylate
 Concen: 1.713 ug/l
 RT: 9.15 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: VX013675.D
 Acq: 28 Nov 2019 01:11

Tgt Ion	Ratio	Lower	Upper
69	100		
41	238.1	55.0	82.4#
39	208.3	28.7	43.1#





#62

4-Bromofluorobenzene

Concen: 49.625 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

MW-12

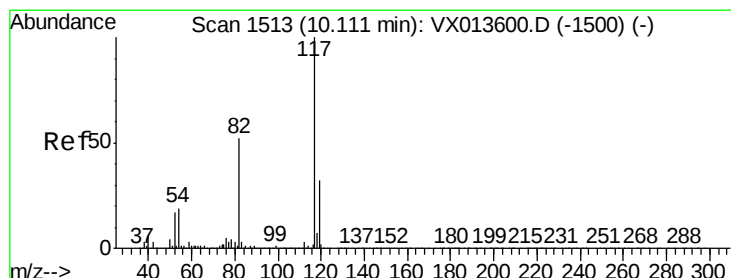
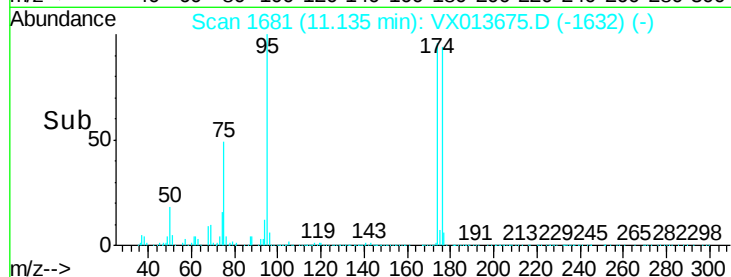
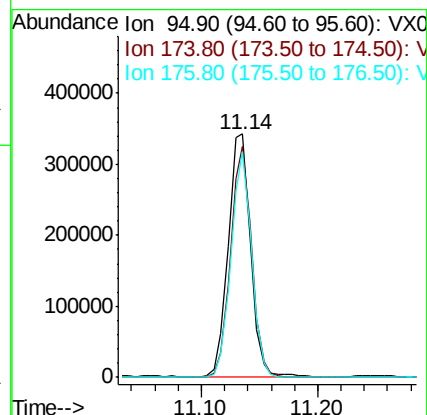
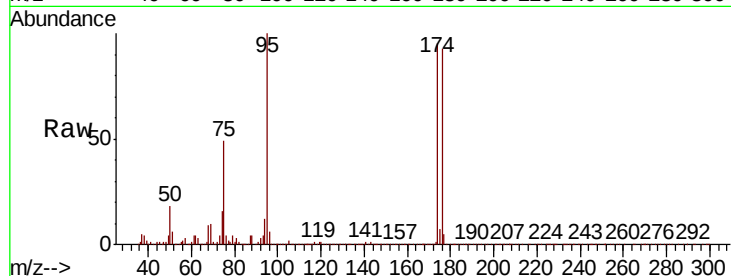
Tot Ion: 95 Resp: 452673

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.0

176 85.9 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: VX013675.D

Acq: 28 Nov 2019 01:11

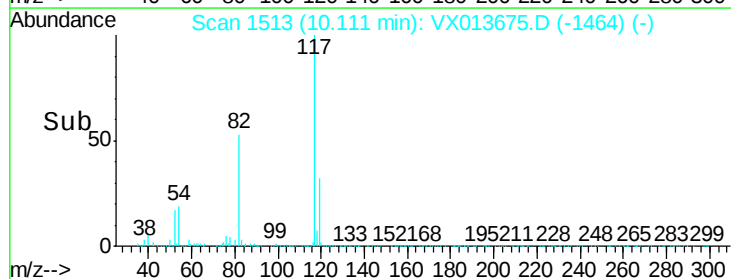
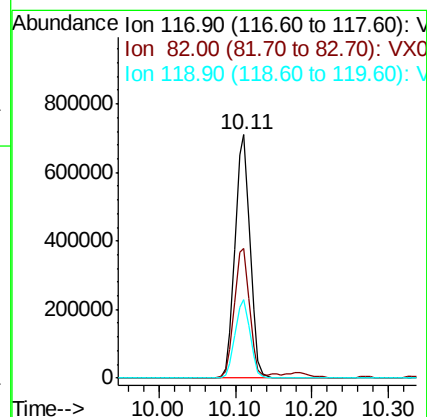
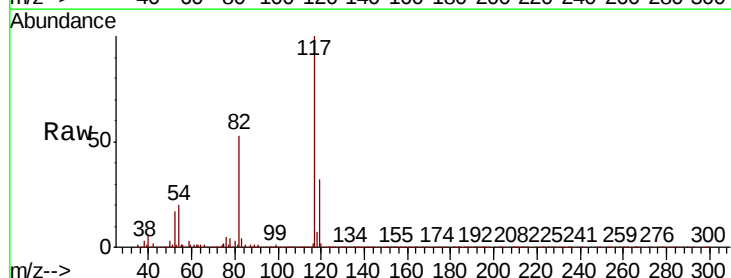
Tgt Ion: 117 Resp: 965850

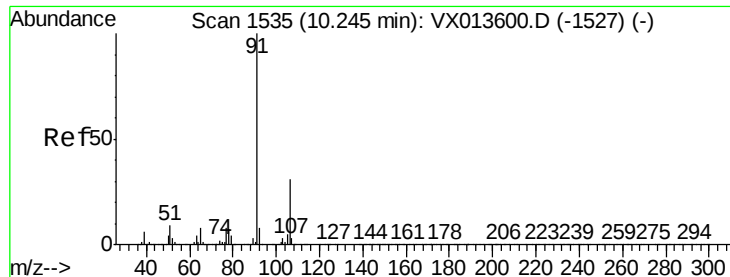
Ion Ratio Lower Upper

117 100

82 53.1 41.8 62.8

119 32.3 25.8 38.8





#67

Ethyl Benzene

Concen: 295.565 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

Instrument :

MSVOA_X

ClientSampled :

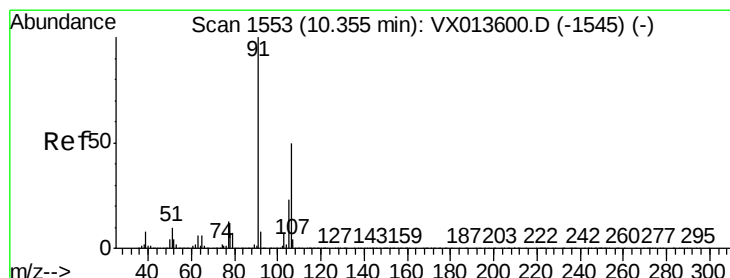
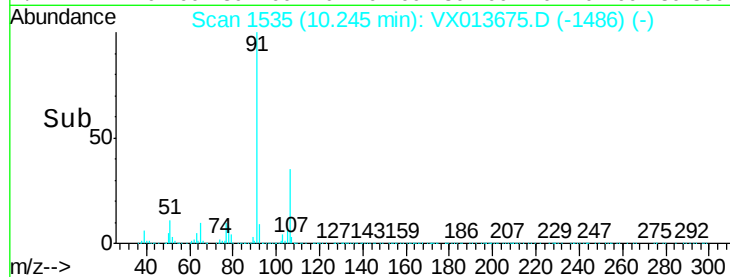
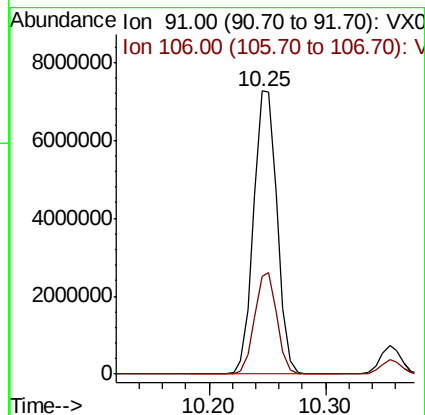
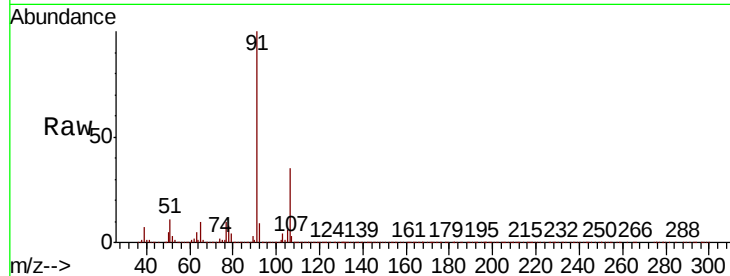
MW-12

Tot Ion: 91 Resp: 10184845

Ion Ratio Lower Upper

91 100

106 34.7 24.5 36.7



#68

m/p-Xylenes

Concen: 35.950 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013675.D

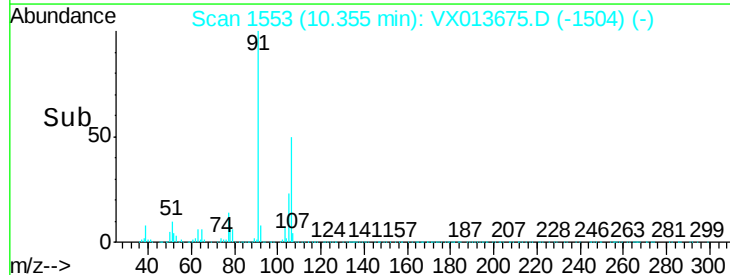
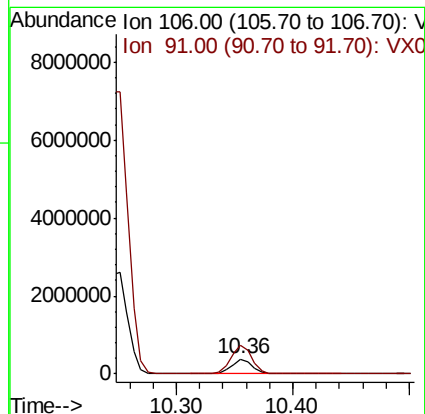
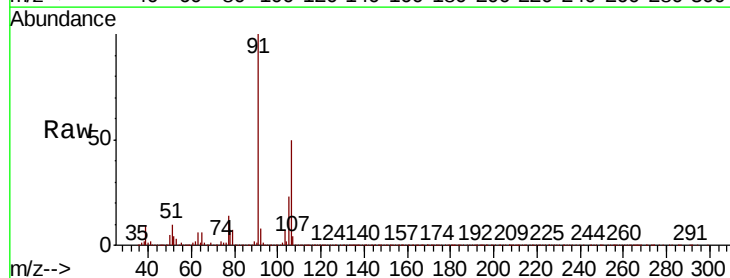
Acq: 28 Nov 2019 01:11

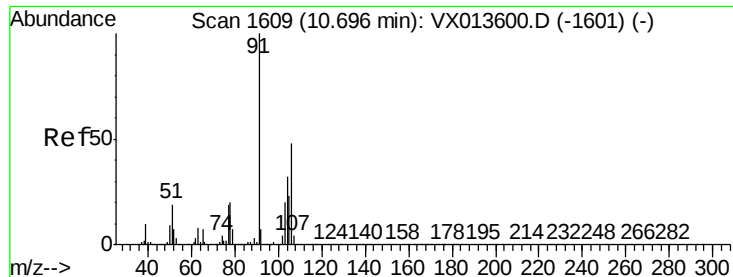
Tgt Ion: 106 Resp: 474279

Ion Ratio Lower Upper

106 100

91 199.0 159.0 238.4

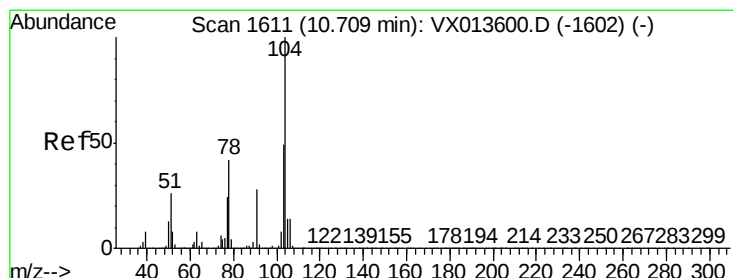
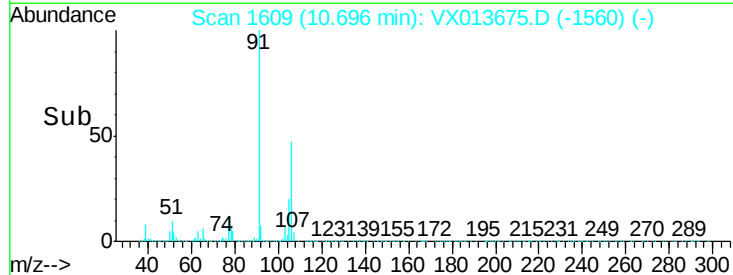
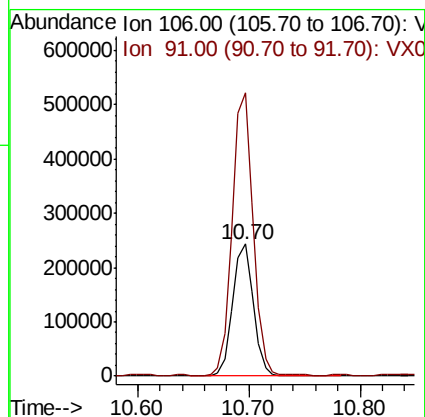
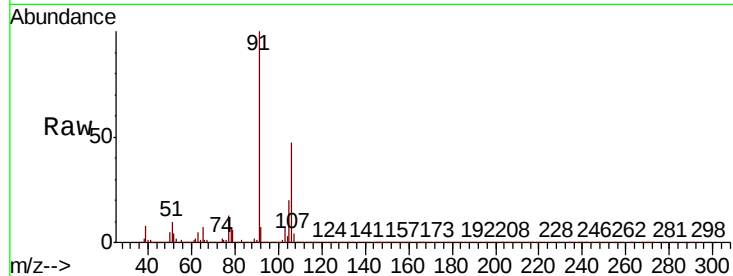




#69
o-Xylene
Concen: 24.329 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013675.D
Acq: 28 Nov 2019 01:11

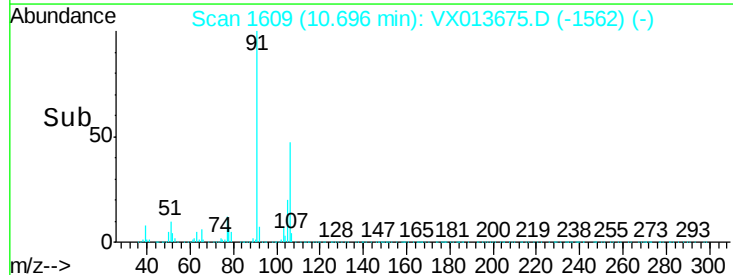
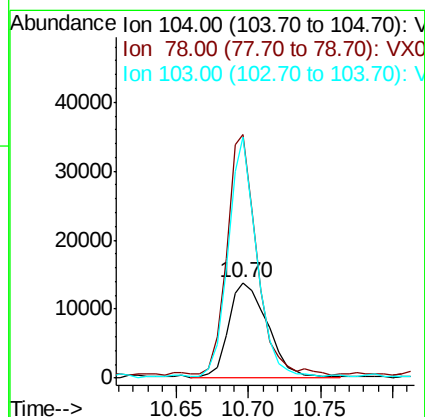
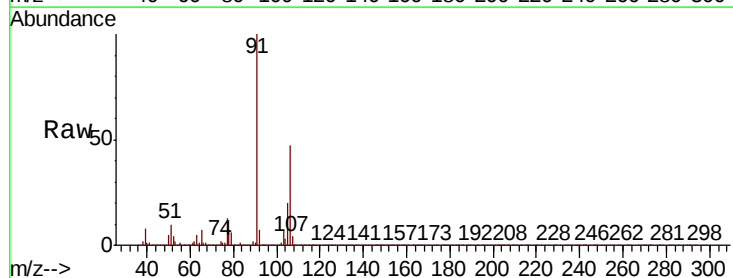
Instrument :
MSVOA_X
ClientSampleId :
MW-12

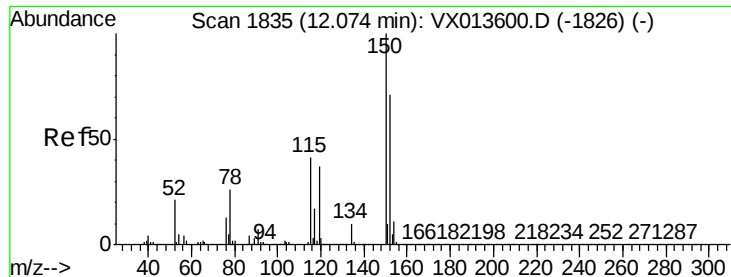
Tot Ion:106 Resp: 313040
Ion Ratio Lower Upper
106 100
91 214.5 104.1 312.2



#70
Styrene
Concen: 1.193 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX013675.D
Acq: 28 Nov 2019 01:11

Tgt Ion:104 Resp: 25830
Ion Ratio Lower Upper
104 100
78 196.1 38.5 57.7#
103 186.7 43.7 65.5#



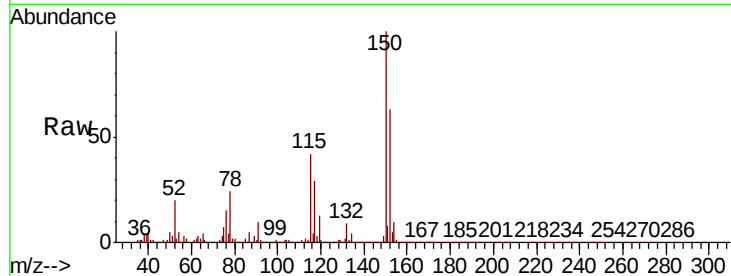


#72

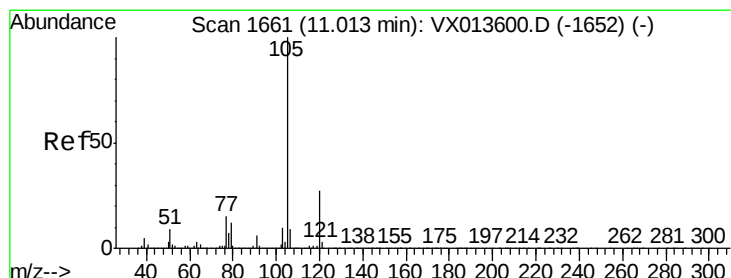
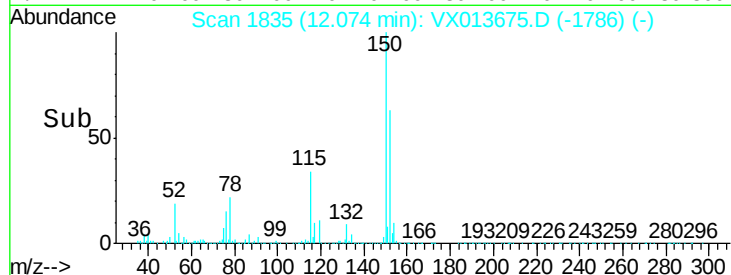
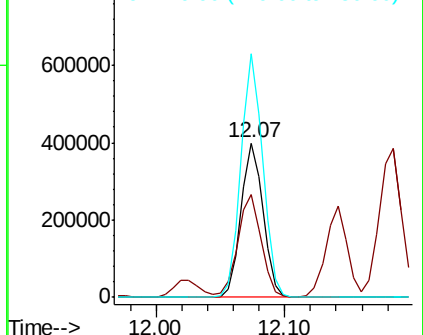
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013675.D
Acq: 28 Nov 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tot Ion	Ratio	Lower	Upper
152	100		
115	70.3	38.4	115.1
150	156.6	0.0	346.8



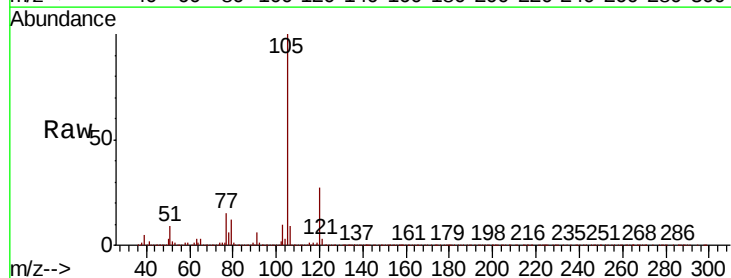
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



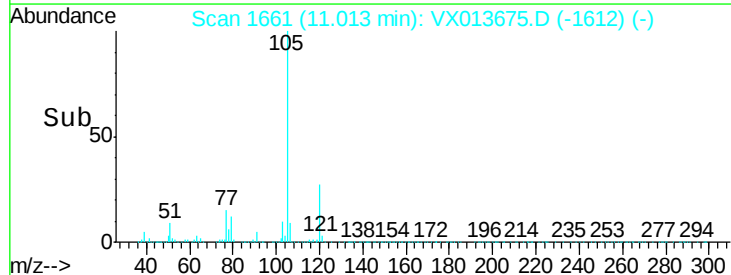
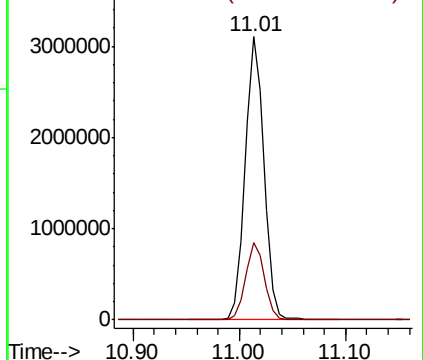
#73

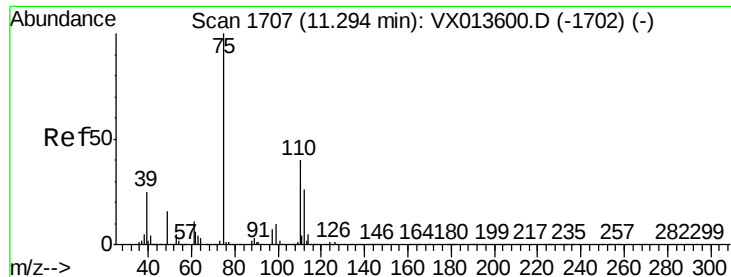
Isopropylbenzene
Concen: 116.007 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013675.D
Acq: 28 Nov 2019 01:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	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: 1.931 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.06 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

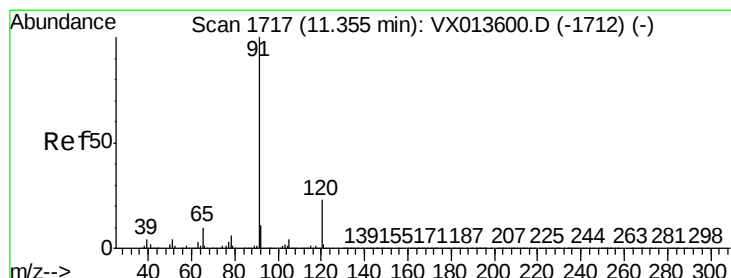
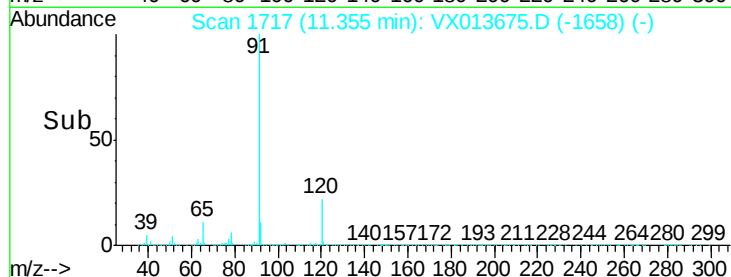
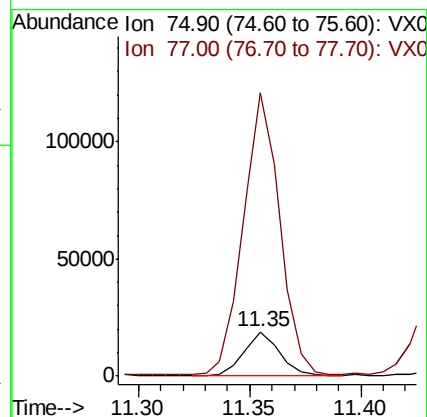
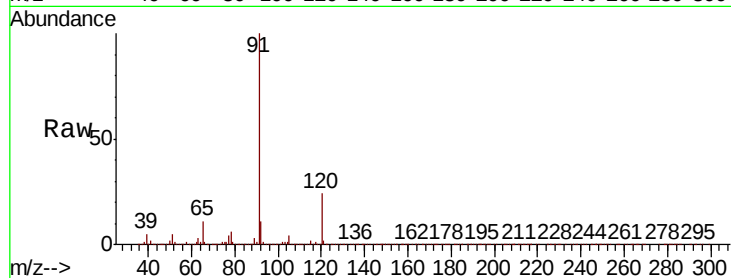
MW-12

Tot Ion: 75 Resp: 20565

Ion Ratio Lower Upper

75 100

77 663.1 19.1 57.5#



#78

n-propylbenzene

Concen: 96.541 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013675.D

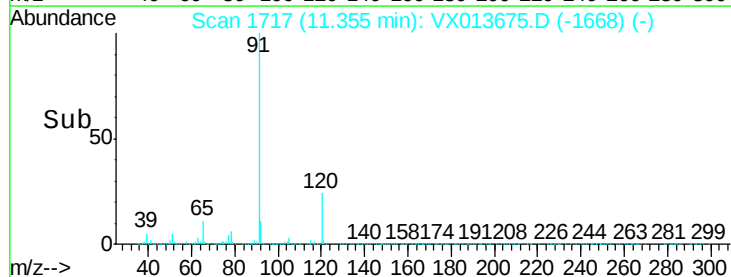
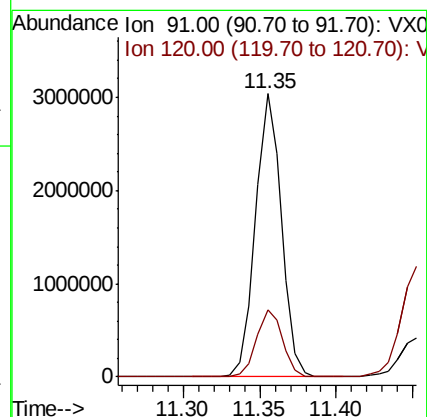
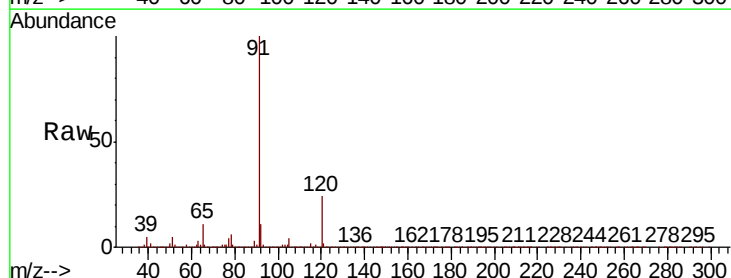
Acq: 28 Nov 2019 01:11

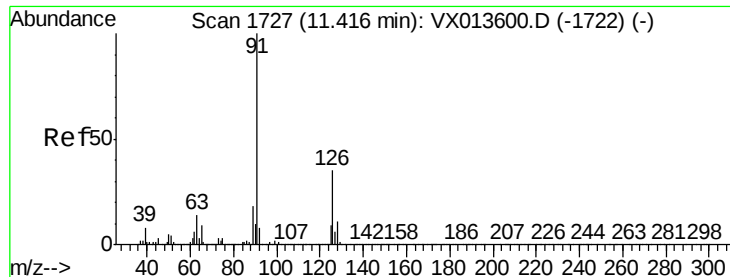
Tgt Ion: 91 Resp: 3578959

Ion Ratio Lower Upper

91 100

120 23.8 11.8 35.3





#79

2-Chlorotoluene

Concen: 23.331 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. 0.04 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

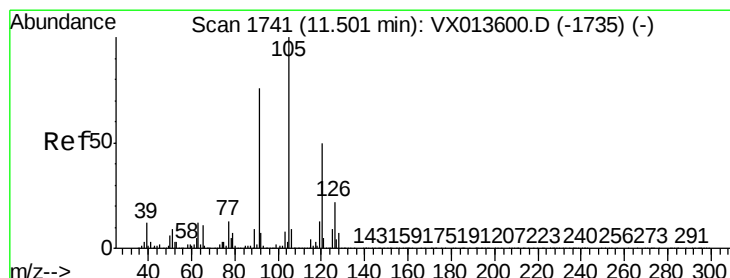
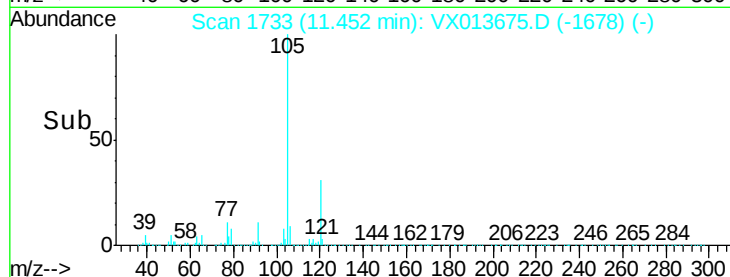
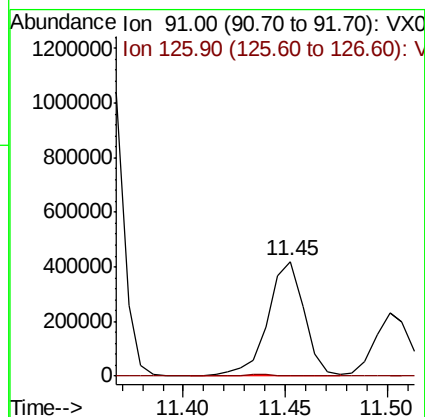
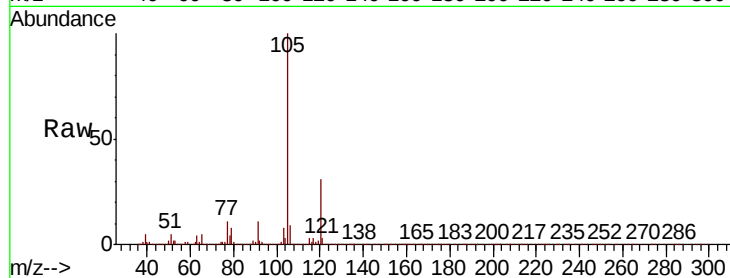
MW-12

Tot Ion: 91 Resp: 518834

Ion Ratio Lower Upper

91 100

126 1.4 17.5 52.5#



#80

1,3,5-Trimethylbenzene

Concen: 98.164 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013675.D

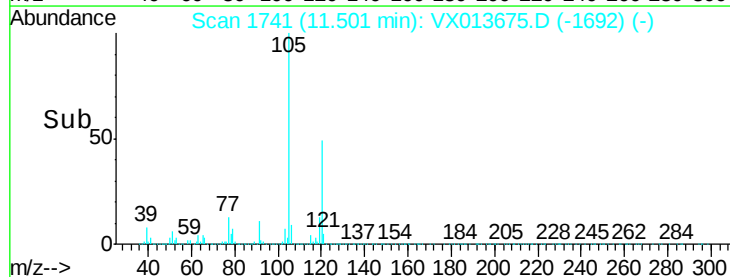
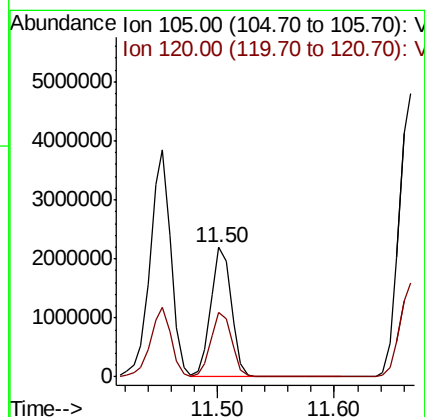
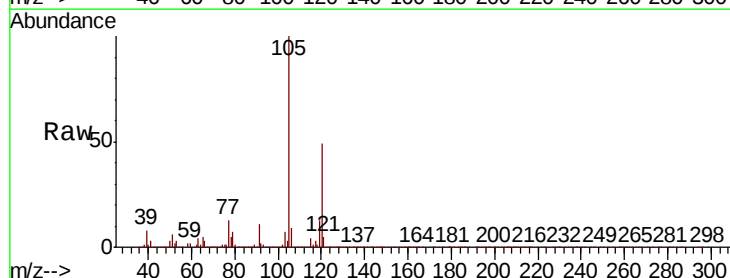
Acq: 28 Nov 2019 01:11

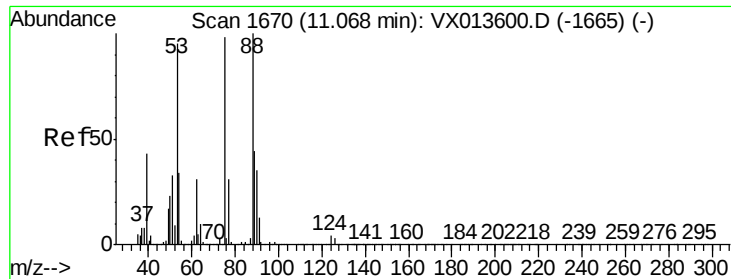
Tgt Ion: 105 Resp: 2671834

Ion Ratio Lower Upper

105 100

120 50.2 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 10.607 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.05 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

MW-12

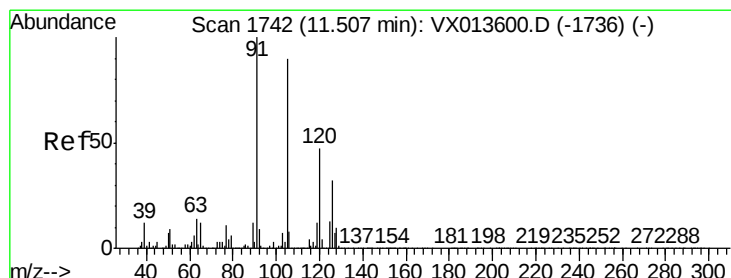
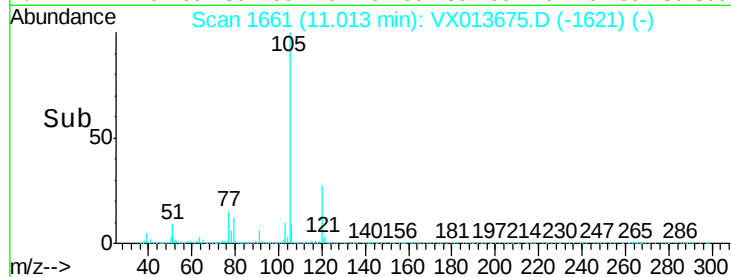
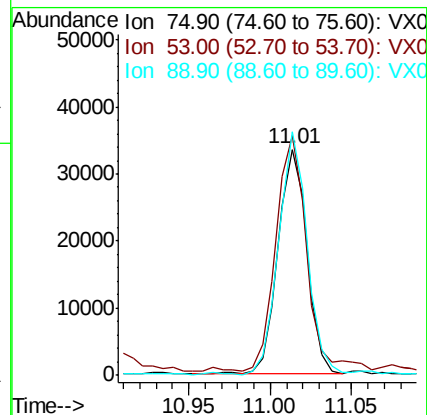
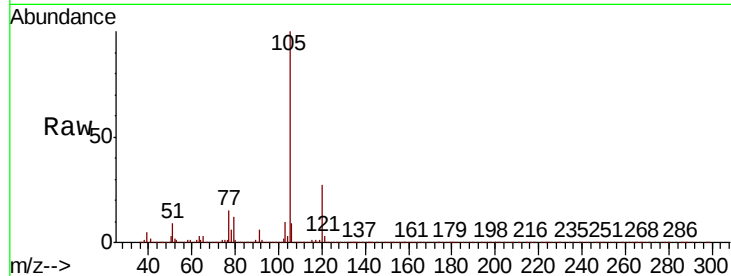
Tot Ion: 75 Resp: 41285

Ion Ratio Lower Upper

75 100

53 111.5 78.2 117.2

89 106.1 35.4 53.2#



#82

4-Chlorotoluene

Concen: 10.795 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX013675.D

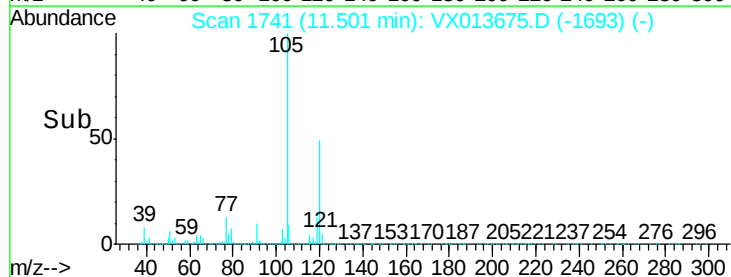
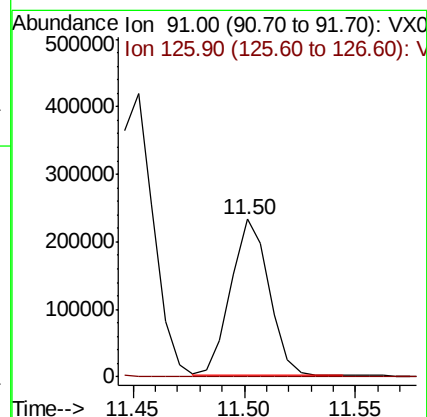
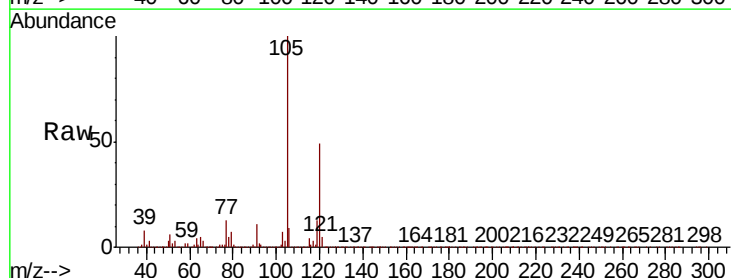
Acq: 28 Nov 2019 01:11

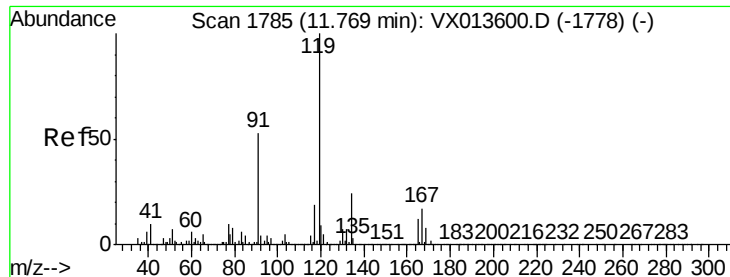
Tgt Ion: 91 Resp: 278051

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.0#





#83

tert-Butylbenzene

Concen: 69.408 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.04 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

MW-12

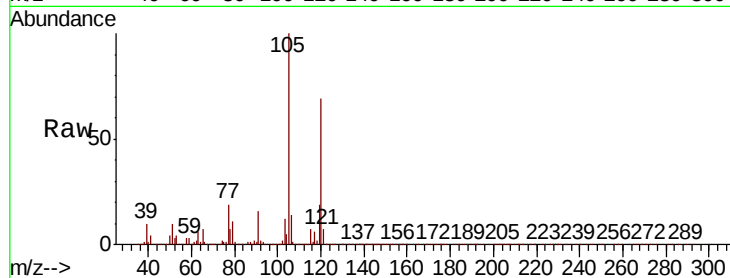
Tot Ion:119 Resp: 1919934

Ion Ratio Lower Upper

119 100

91 85.6 27.2 81.6#

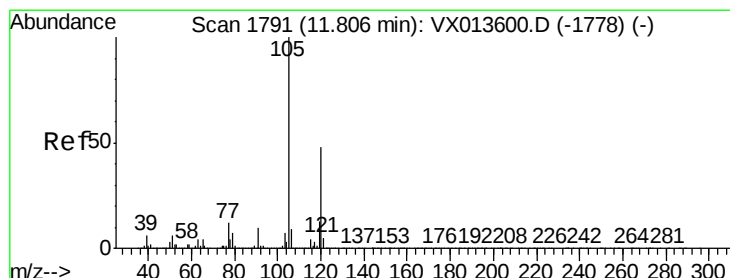
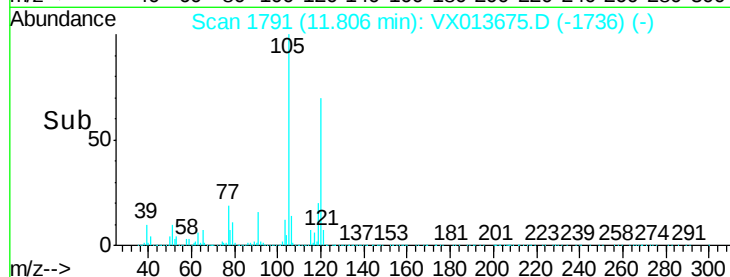
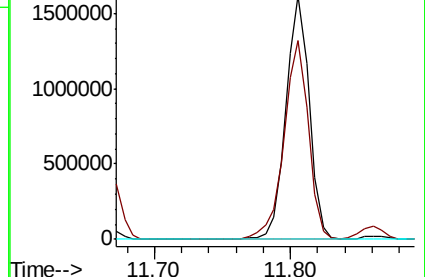
134 0.0 11.7 35.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 448.585 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013675.D

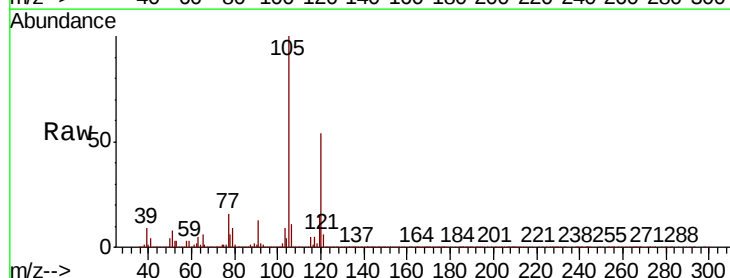
Acq: 28 Nov 2019 01:11

Tgt Ion:105 Resp:12391583

Ion Ratio Lower Upper

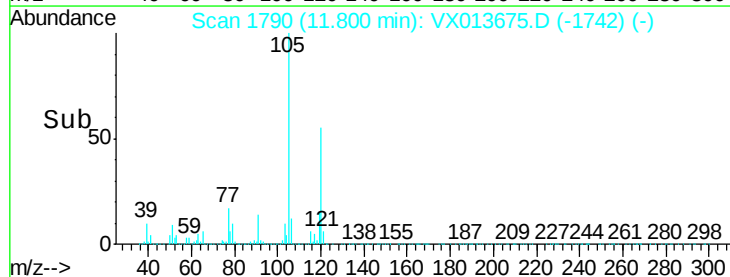
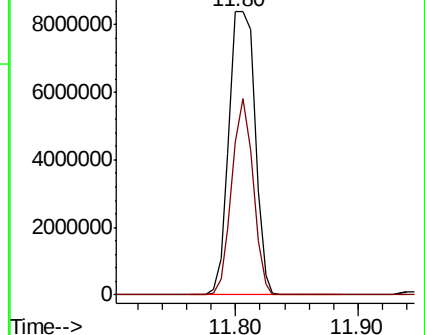
105 100

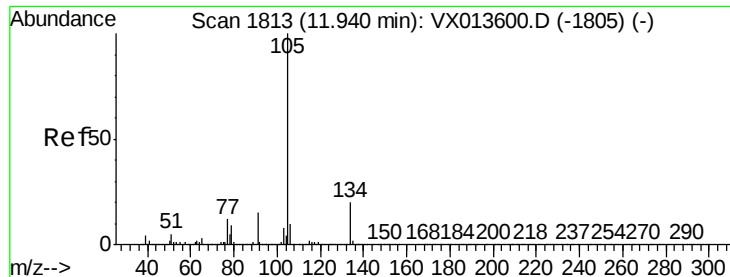
120 56.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

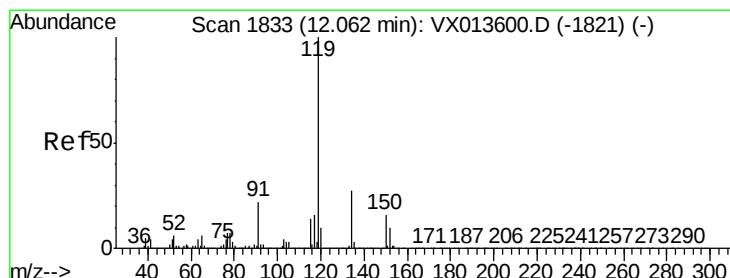
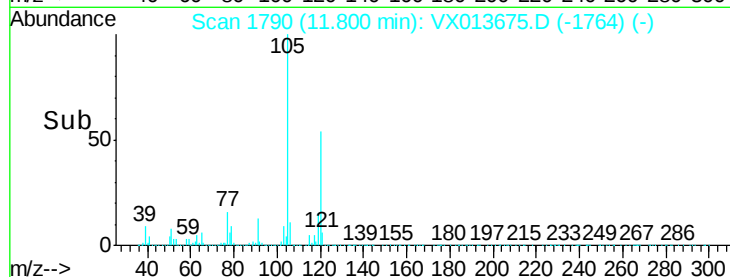
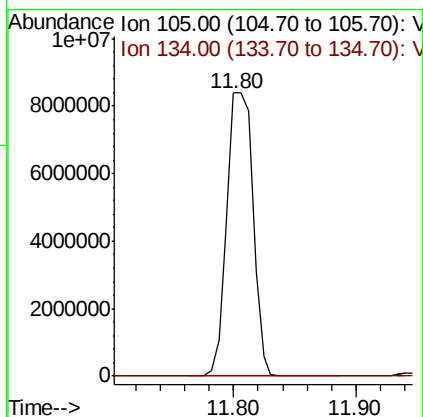
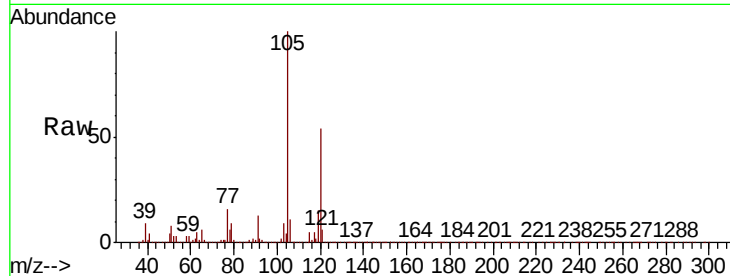




#85
 sec-Butylbenzene
 Concen: 392.193 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.14 min
 Lab File: VX013675.D
 Acq: 28 Nov 2019 01:11

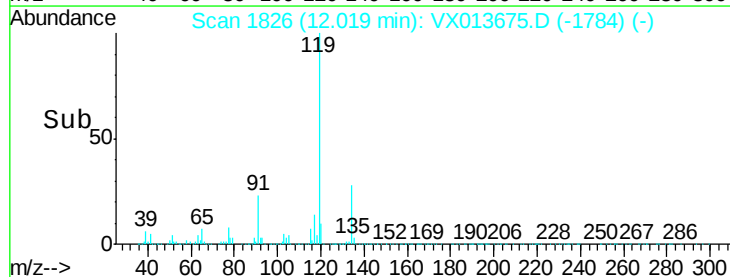
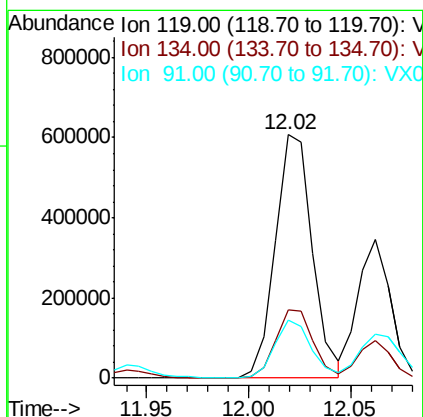
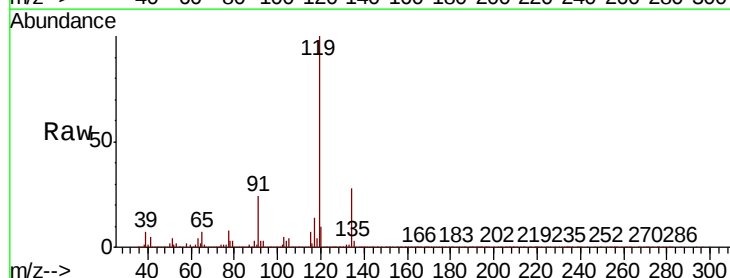
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

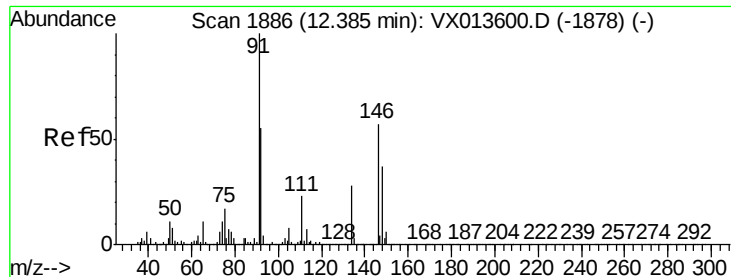
Tot Ion:105 Resp:12391583
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#



#86
 p-Isopropyltoluene
 Concen: 26.146 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.04 min
 Lab File: VX013675.D
 Acq: 28 Nov 2019 01:11

Tgt Ion:119 Resp: 768514
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.3 39.9
 91 23.4 11.3 33.8





#89

n-Butylbenzene

Concen: 15.132 ug/l

RT: 12.37 min Scan# 1883

Delta R.T. -0.02 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

Instrument :

MSVOA_X

ClientSampled :

MW-12

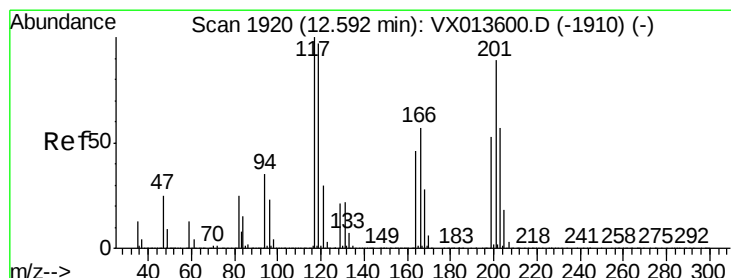
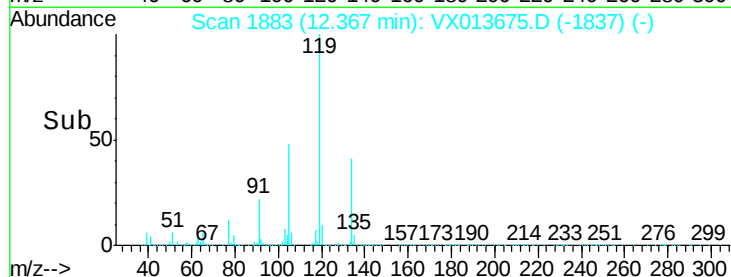
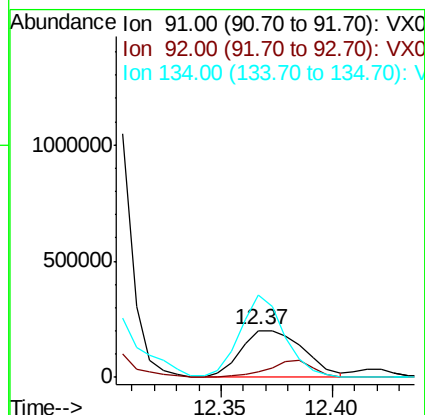
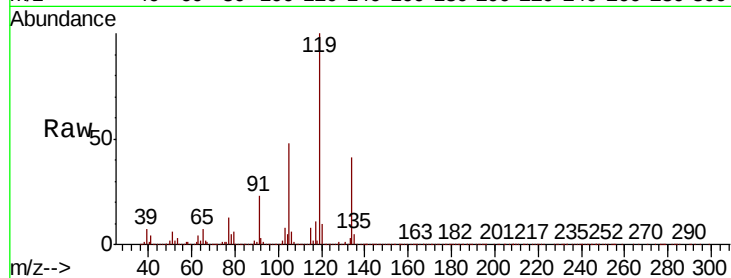
Tot Ion: 91 Resp: 379354

Ion Ratio Lower Upper

91 100

92 28.0 27.4 82.2

134 128.1 13.5 40.4#



#90

Hexachloroethane

Concen: 58.362 ug/l

RT: 12.60 min Scan# 1922

Delta R.T. 0.01 min

Lab File: VX013675.D

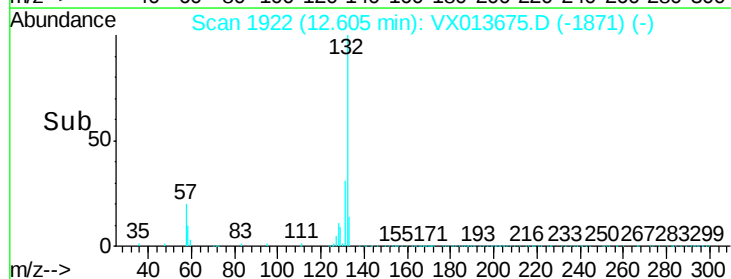
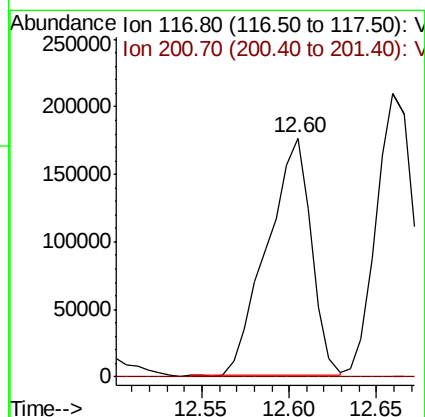
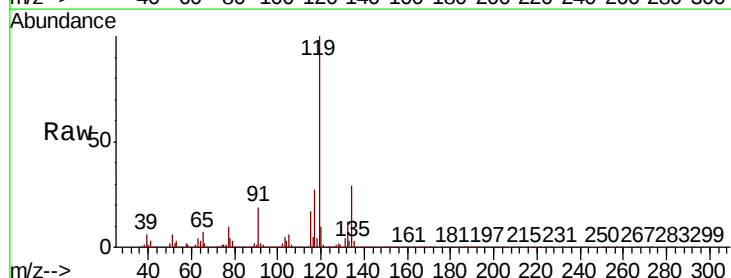
Acq: 28 Nov 2019 01:11

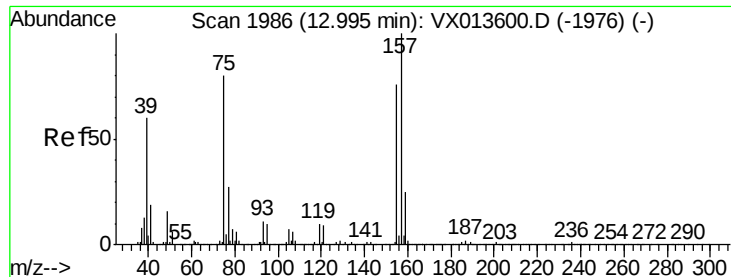
Tgt Ion: 117 Resp: 310074

Ion Ratio Lower Upper

117 100

201 0.1 44.1 132.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 7.418 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

MW-12

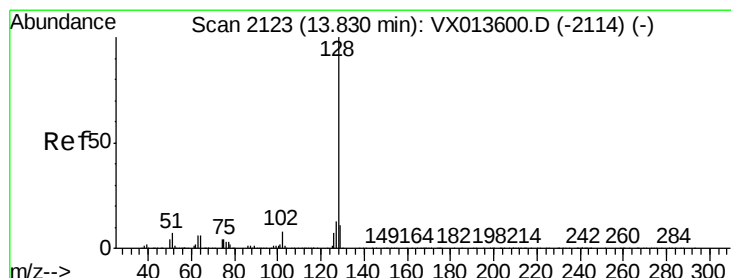
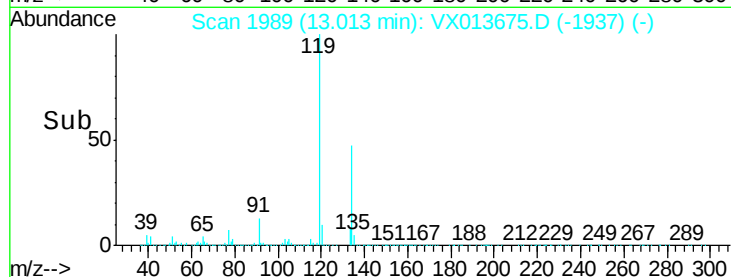
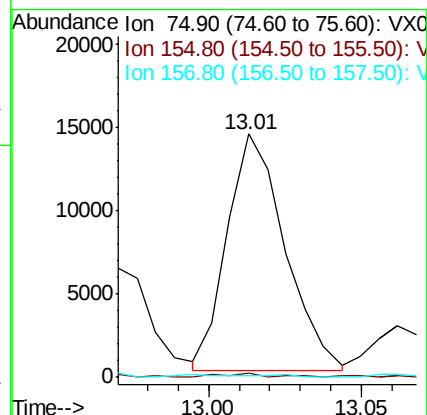
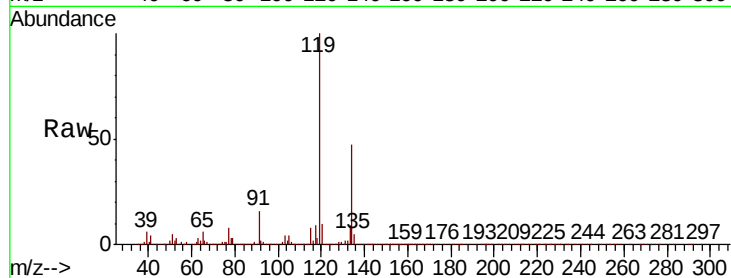
Tot Ion: 75 Resp: 18604

Ion Ratio Lower Upper

75 100

155 1.2 47.6 142.8#

157 1.0 62.1 186.2#



#95

Naphthalene

Concen: 20.543 ug/l

RT: 13.56 min Scan# 2078

Delta R.T. -0.27 min

Lab File: VX013675.D

Acq: 28 Nov 2019 01:11

Tgt Ion: 128 Resp: 658819

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 172.9 8.7 13.1#

