

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122019\
 Data File : VX014188.D
 Acq On : 20 Dec 2019 20:42
 Operator : JC/SP
 Sample : K6372-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: Dec 20 22:32:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	588601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	890627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	811905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	398892	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	312291	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
35) Dibromofluoromethane	5.49	113	262905	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	8.71	98	1061646	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.13	95	393707	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1588	0.225	ug/l #	42
10) Methyl Iodide	2.50	142	204	2.647	ug/l #	1
11) Tert butyl alcohol	3.02	59	4827	3.349	ug/l #	57
13) Acrolein	2.33	56	460	0.557	ug/l #	78
16) Acetone	2.43	43	4192	0.968	ug/l #	81
17) Carbon Disulfide	2.56	76	3519	0.971	ug/l #	75
20) Methylene Chloride	2.85	84	1566	0.230	ug/l #	92
28) Bromochloromethane	5.02	49	678	0.610	ug/l #	10
31) Cyclohexane	5.60	56	58107	5.829	ug/l #	51
36) 1,1-Dichloropropene	5.65	75	39129	4.788	ug/l #	51
38) Carbon Tetrachloride	5.65	117	51458	6.912	ug/l #	15
39) Methylcyclohexane	7.46	83	128867	12.771	ug/l	96
43) Isopropyl Acetate	6.45	43	10082	0.675	ug/l #	70
48) Methyl methacrylate	7.73	41	32223	4.406	ug/l #	52
49) 1,4-Dioxane	7.73	88	616	4.139	ug/l #	1
52) Toluene	8.78	92	11001	0.692	ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	6130	0.962	ug/l #	21
56) Ethyl methacrylate	9.16	69	2591	0.259	ug/l #	1
67) Ethyl Benzene	10.24	91	654876	22.065	ug/l	100
68) m/p-Xylenes	10.35	106	39646	3.473	ug/l	99
69) o-Xylene	10.70	106	92258	8.241	ug/l	98
70) Styrene	10.71	104	29142	1.539	ug/l #	54
73) Isopropylbenzene	11.01	105	2530642	90.106	ug/l	99
76) 1,2,3-Trichloropropane	11.35	75	15307	1.768	ug/l #	1
78) n-propylbenzene	11.35	91	2672174	84.825	ug/l	99
79) 2-Chlorotoluene	11.45	91	219685	11.472	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.50	105	920673	38.951	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.01	75	27603	8.997	ug/l #	55
82) 4-Chlorotoluene	11.50	91	102729	4.625	ug/l #	43
83) tert-Butylbenzene	11.81	119	2004144	87.128	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.80	105	12653778	534.578	ug/l	84
85) sec-Butylbenzene	11.80	105	12653778	465.988	ug/l #	56
86) p-Isopropyltoluene	12.02	119	363737	14.644	ug/l	94
89) n-Butylbenzene	12.37	91	384068	18.121	ug/l #	2

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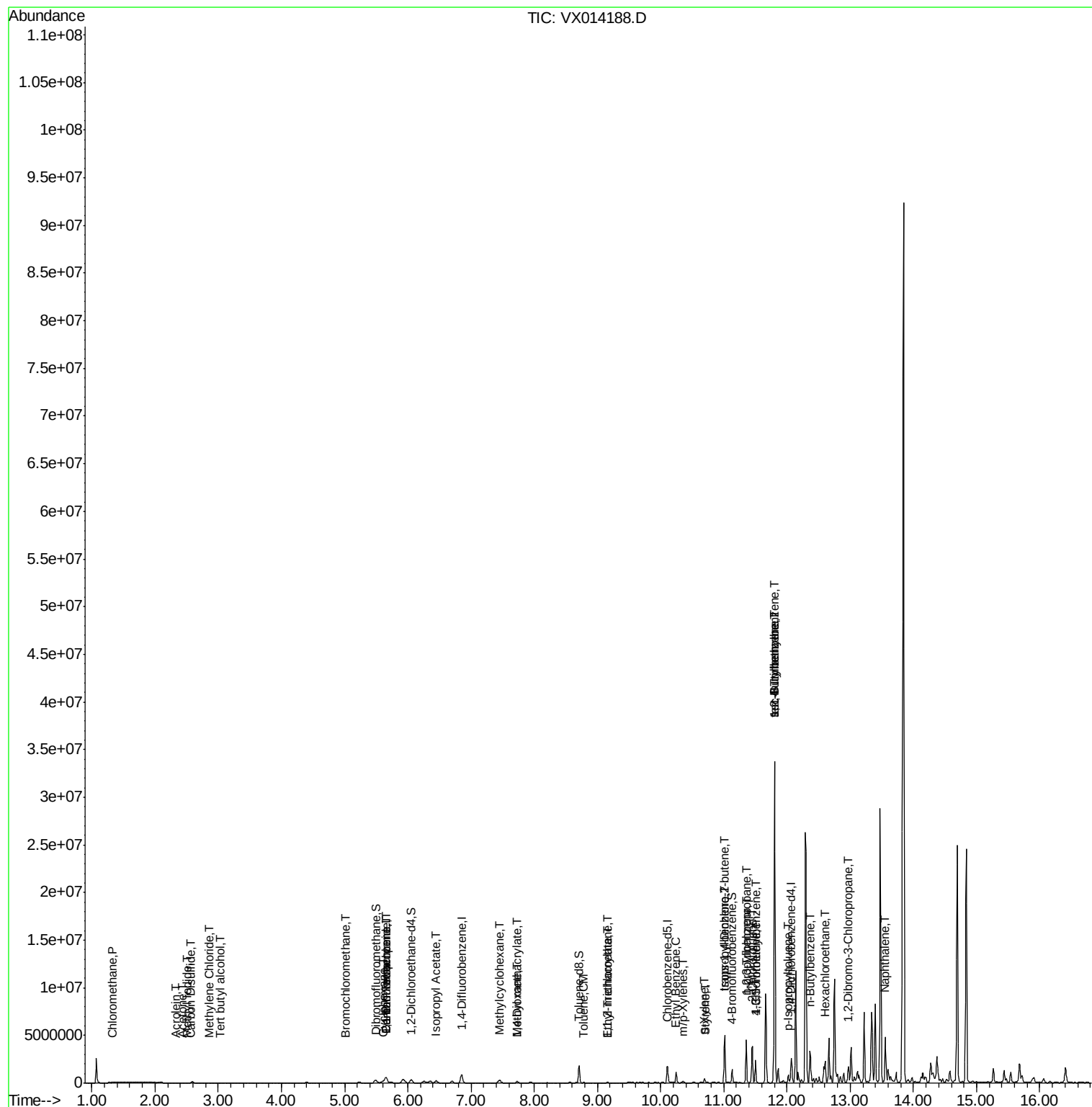
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.60	117	287465	64.431	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.97	75	6283	2.916	ug/l #	1
95) Naphthalene	13.56	128	556636	21.381	ug/l #	1

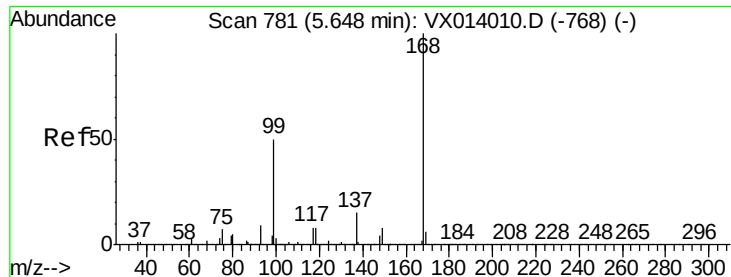
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

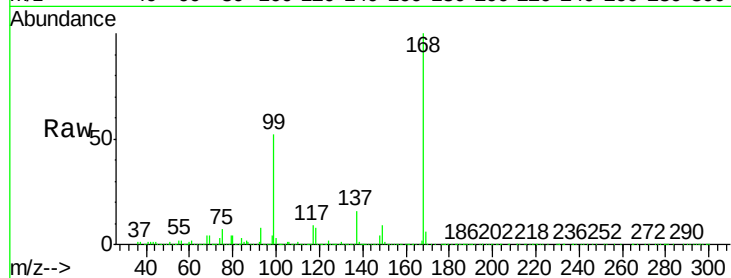
MW-14

Tgt Ion: 168 Resp: 588601

Ion Ratio Lower Upper

168 100

99 52.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

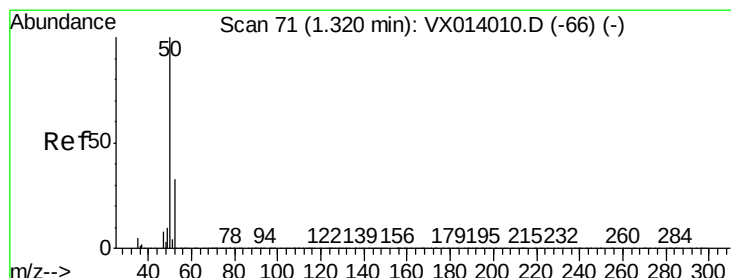
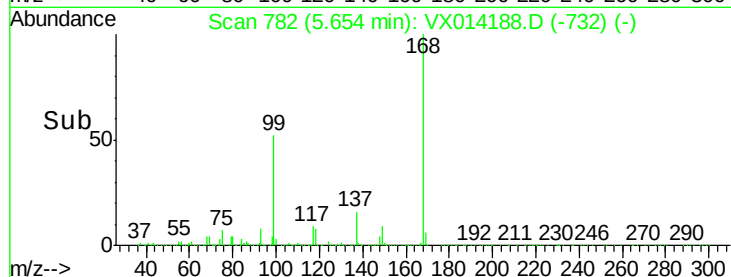
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.225 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014188.D

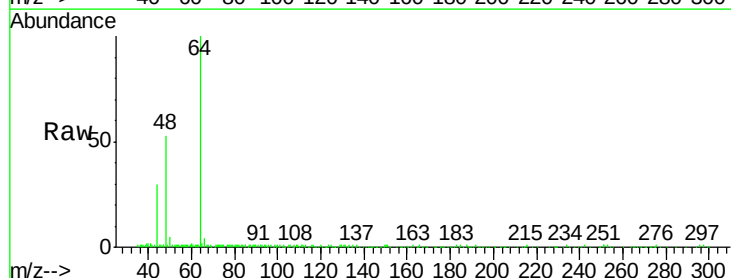
Acq: 20 Dec 2019 20:42

Tgt Ion: 50 Resp: 1588

Ion Ratio Lower Upper

50 100

52 0.0 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

2000

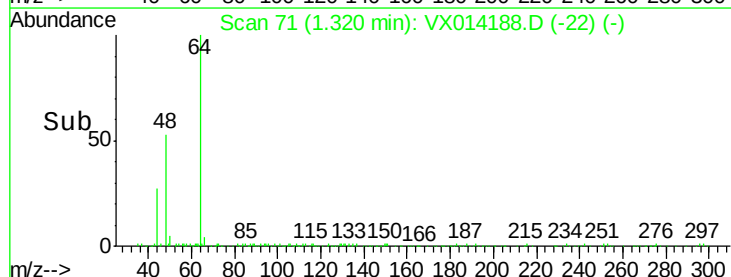
1500

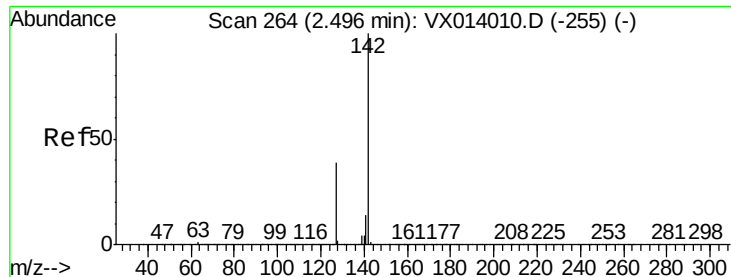
1000

500

0

Time-->





#10

Methyl Iodide

Concen: 2.647 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampled :

MW-14

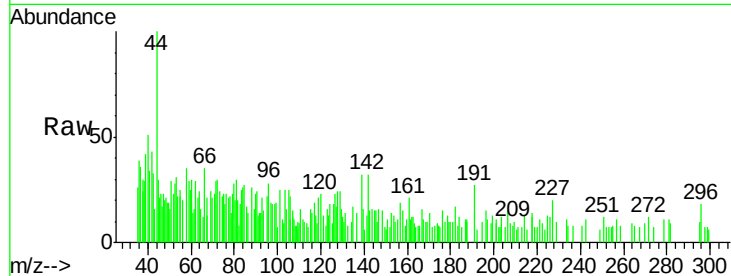
Tgt Ion:142 Resp: 204

Ion Ratio Lower Upper

142 100

127 435.8 31.6 47.4#

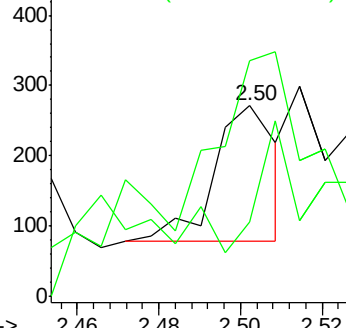
141 86.3 11.6 17.4#



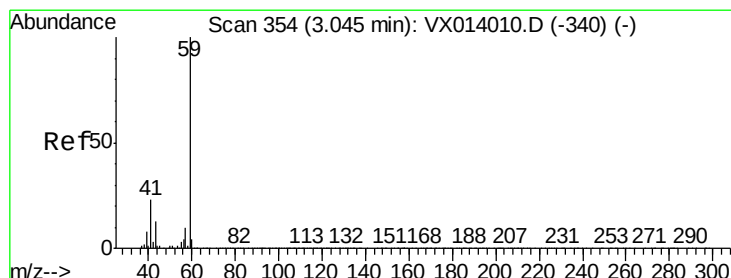
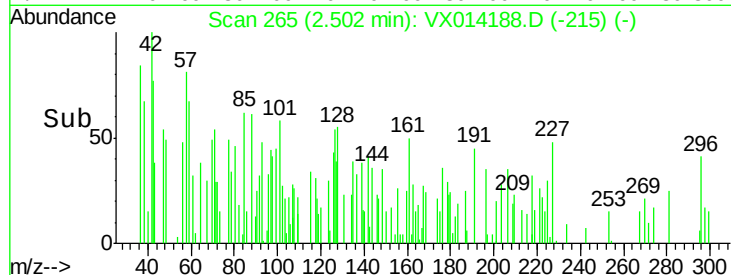
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



#11

Tert butyl alcohol

Concen: 3.349 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX014188.D

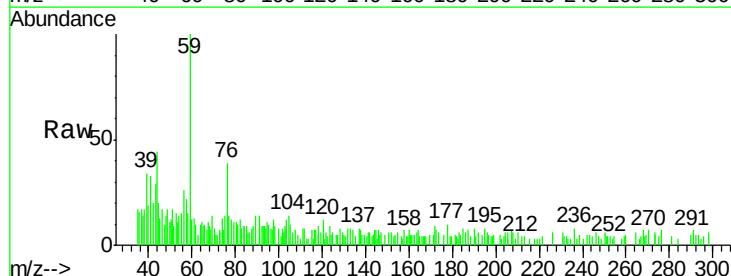
Acq: 20 Dec 2019 20:42

Tgt Ion: 59 Resp: 4827

Ion Ratio Lower Upper

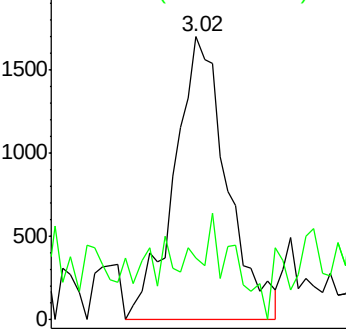
59 100

57 26.7 8.4 12.6#

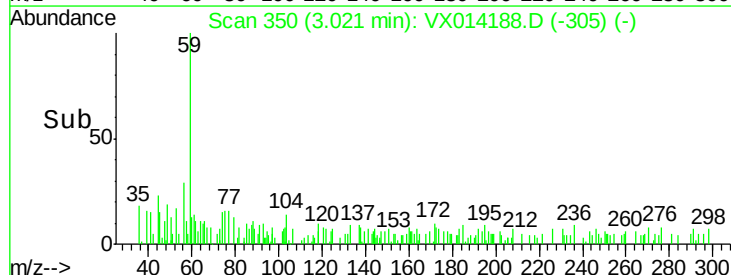


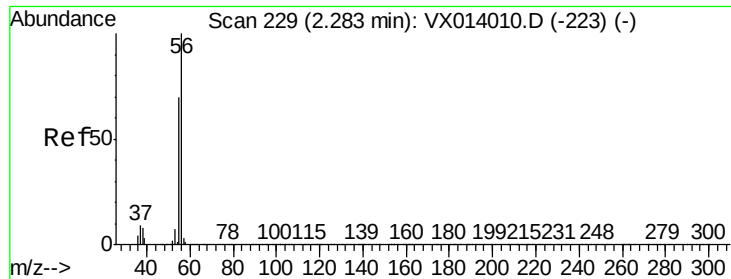
Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->





#13

Acrolein

Concen: 0.557 ug/l

RT: 2.33 min Scan# 237

Delta R.T. 0.05 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampled :

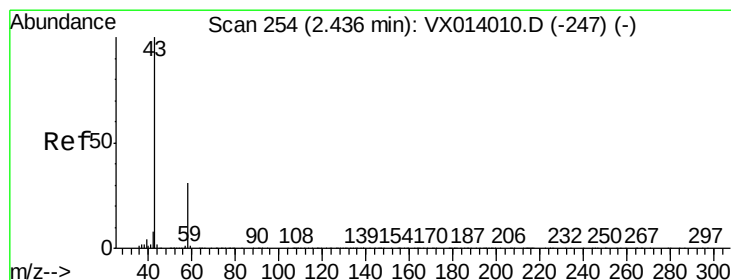
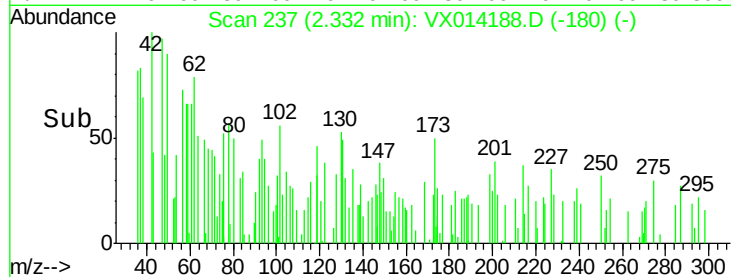
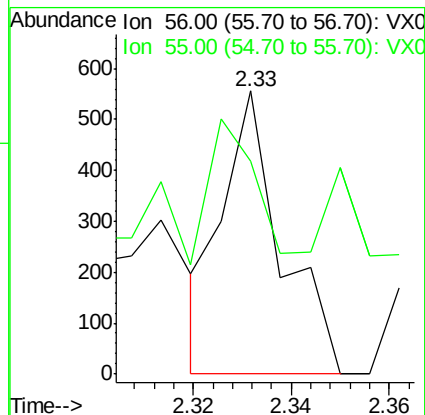
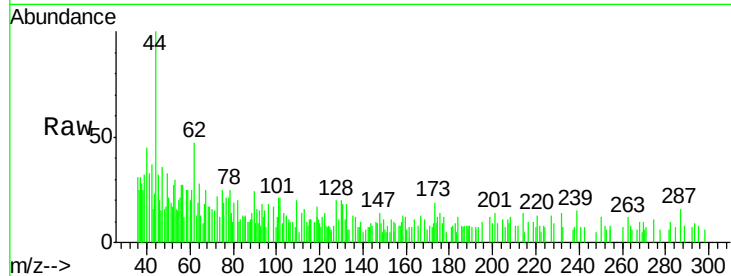
MW-14

Tgt Ion: 56 Resp: 460

Ion Ratio Lower Upper

56 100

55 53.3 56.9 85.3#



#16

Acetone

Concen: 0.968 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014188.D

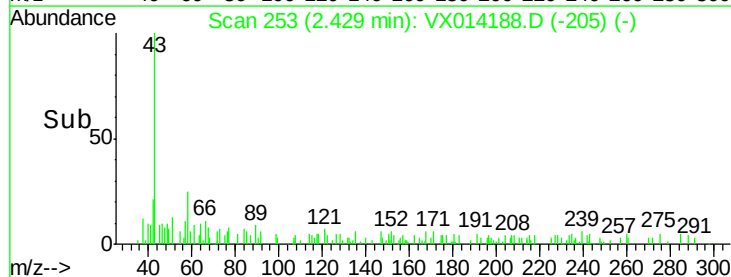
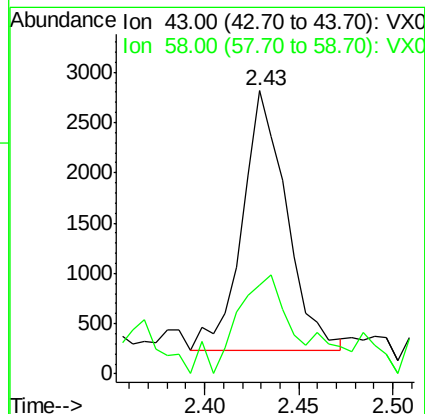
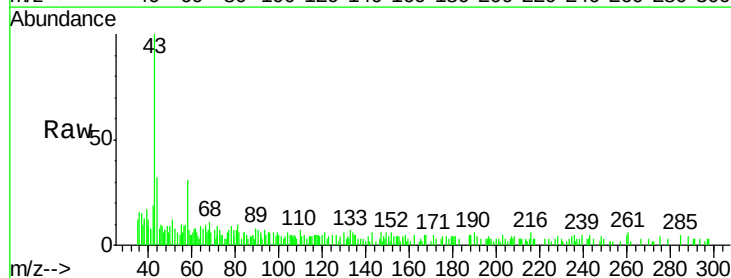
Acq: 20 Dec 2019 20:42

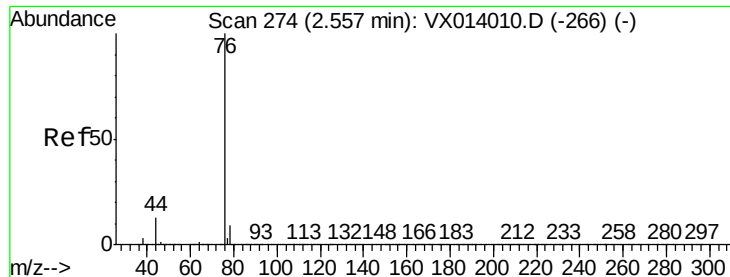
Tgt Ion: 43 Resp: 4192

Ion Ratio Lower Upper

43 100

58 41.6 24.9 37.3#





#17

Carbon Disulfide

Concen: 0.971 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

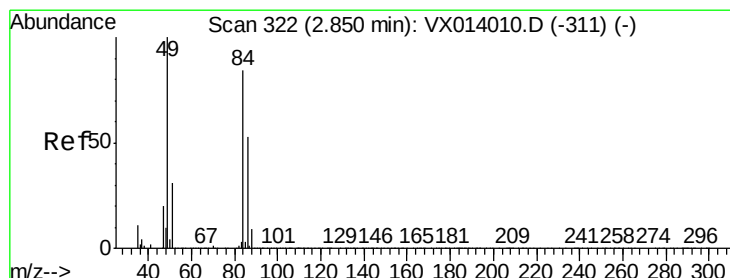
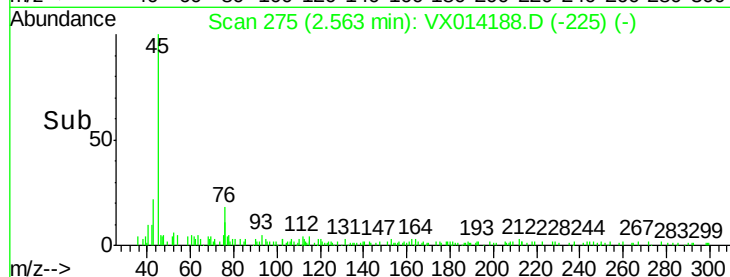
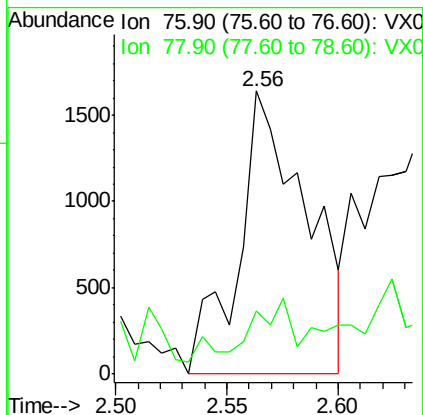
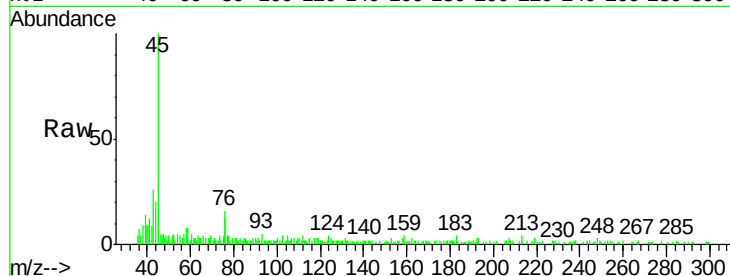
MW-14

Tgt Ion: 76 Resp: 3519

Ion Ratio Lower Upper

76 100

78 18.0 7.2 10.8#



#20

Methylene Chloride

Concen: 0.230 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Tgt Ion: 84 Resp: 1566

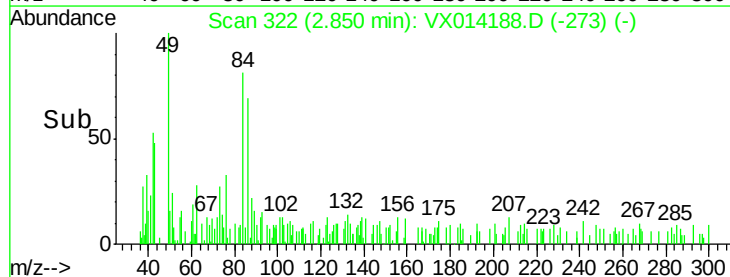
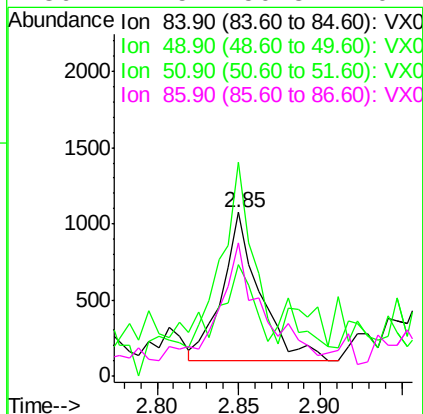
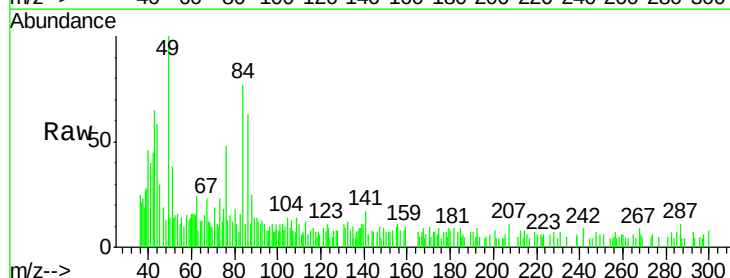
Ion Ratio Lower Upper

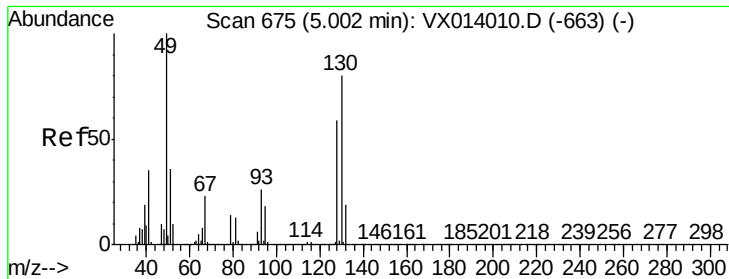
84 100

49 124.8 95.8 143.6

51 45.5 29.8 44.8#

86 72.5 50.8 76.2





#28

Bromochloromethane

Concen: 0.610 ug/l

RT: 5.02 min Scan# 678

Delta R.T. 0.02 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

MW-14

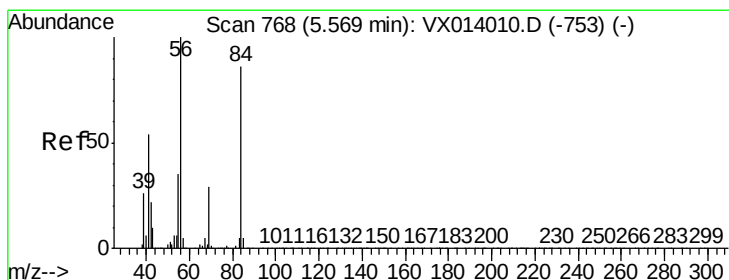
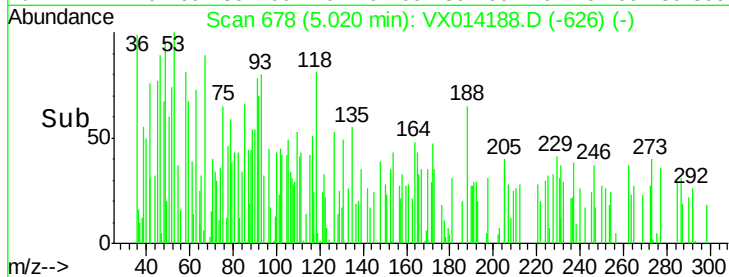
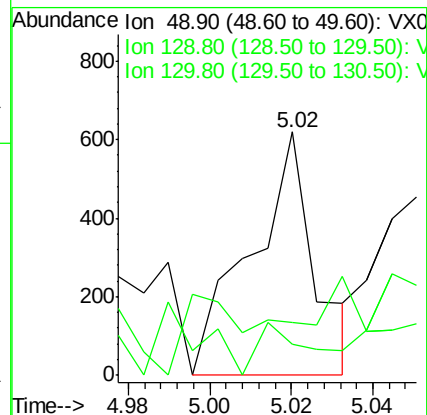
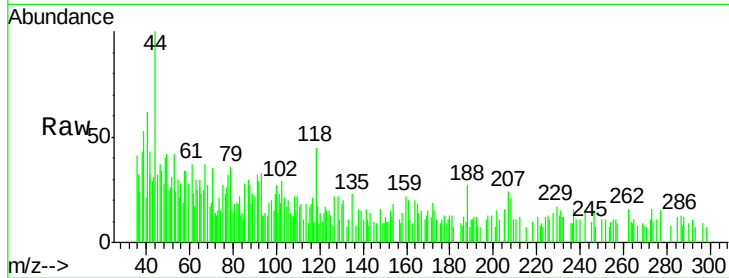
Tgt Ion: 49 Resp: 678

Ion Ratio Lower Upper

49 100

129 18.7 0.0 5.0#

130 0.0 64.6 97.0#



#31

Cyclohexane

Concen: 5.829 ug/l

RT: 5.60 min Scan# 773

Delta R.T. 0.03 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

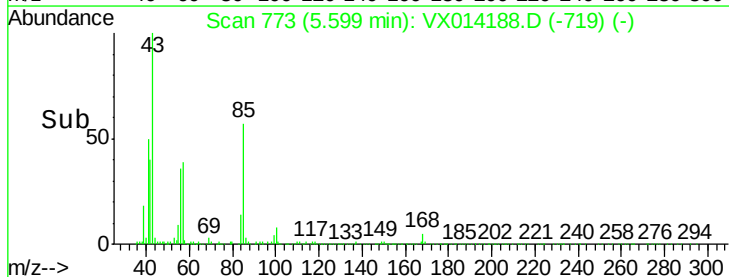
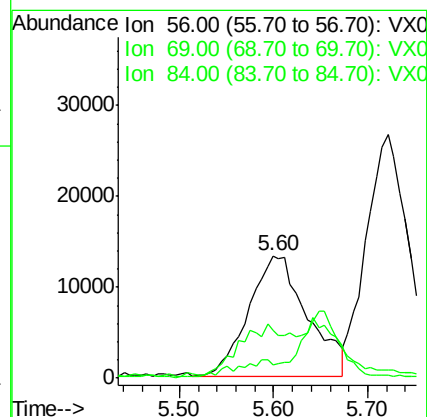
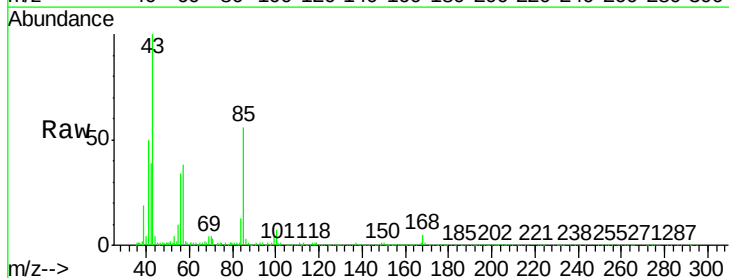
Tgt Ion: 56 Resp: 58107

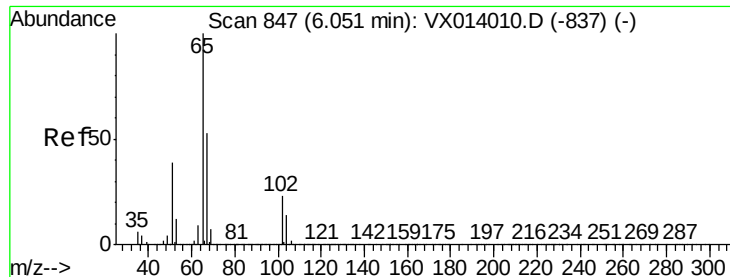
Ion Ratio Lower Upper

56 100

69 7.5 23.2 34.8#

84 38.7 69.2 103.8#

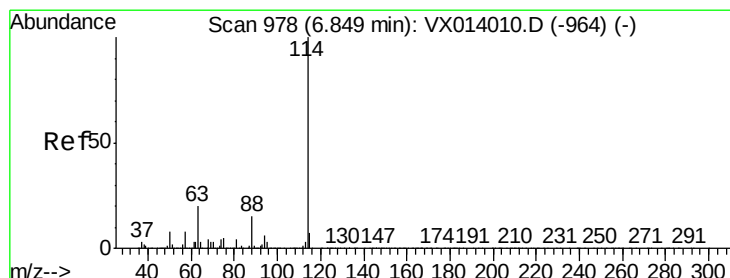
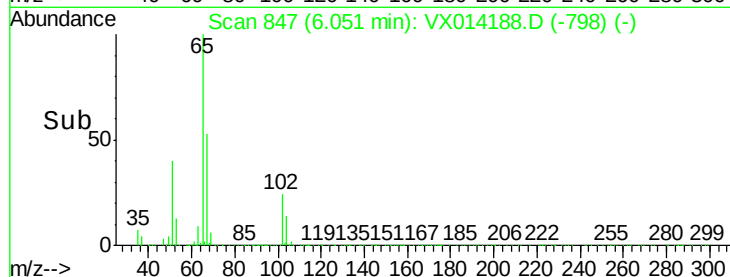
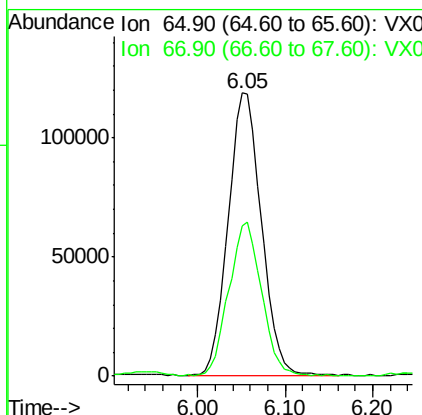
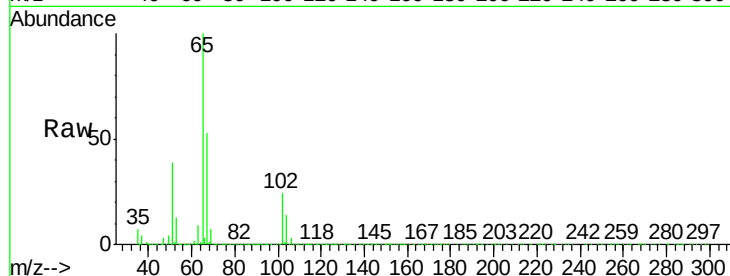




#33
 1,2-Dichloroethane-d4
 Concen: 46.813 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014188.D
 Acq: 20 Dec 2019 20:42

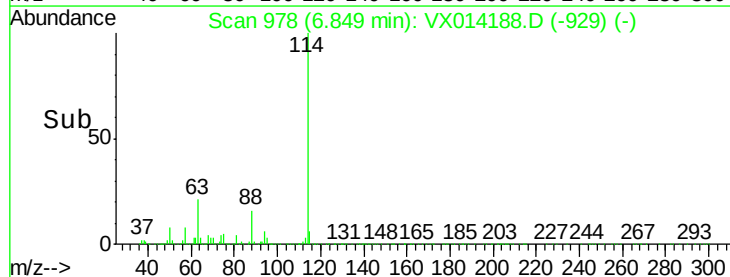
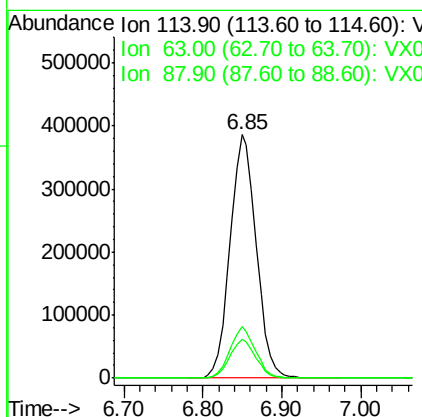
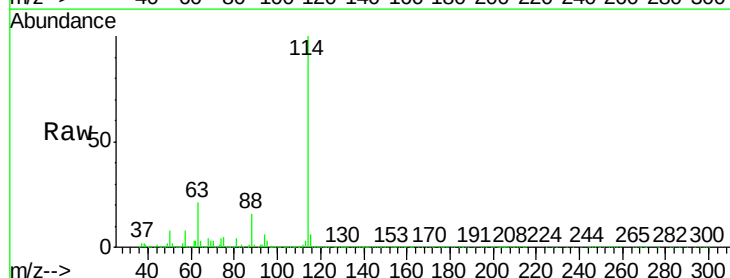
Instrument :
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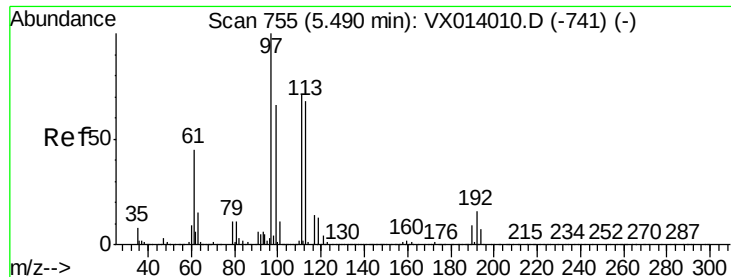
Tgt Ion: 65 Resp: 312291
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014188.D
 Acq: 20 Dec 2019 20:42

Tgt Ion: 114 Resp: 890627
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.560 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

MW-14

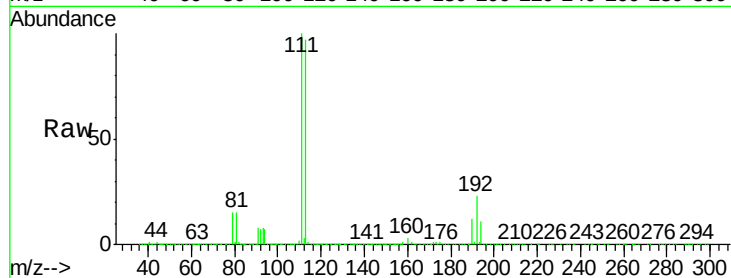
Tgt Ion: 113 Resp: 262905

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

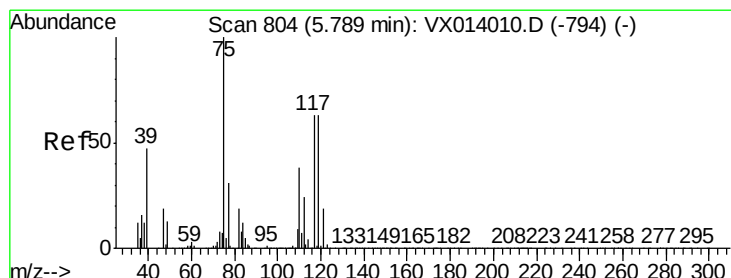
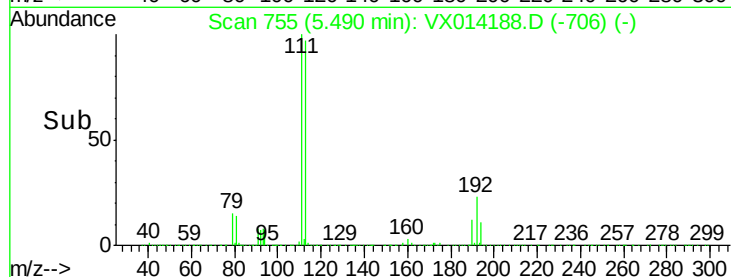
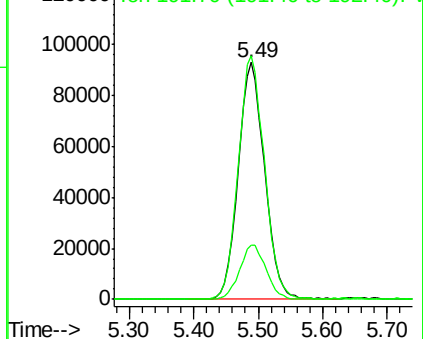
192 22.9 19.3 28.9



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: 4.788 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

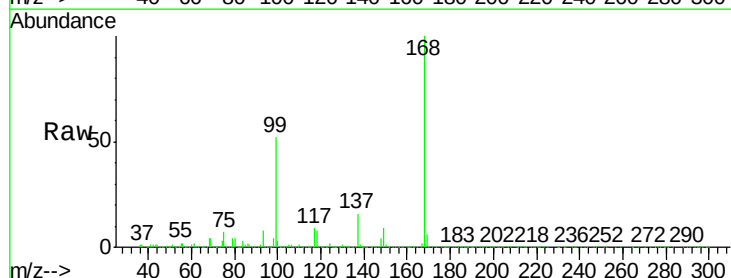
Tgt Ion: 75 Resp: 39129

Ion Ratio Lower Upper

75 100

110 10.8 18.3 54.9#

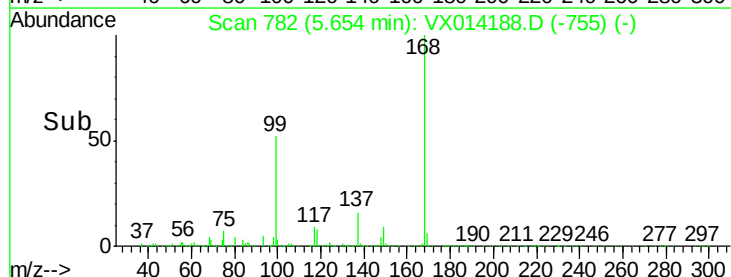
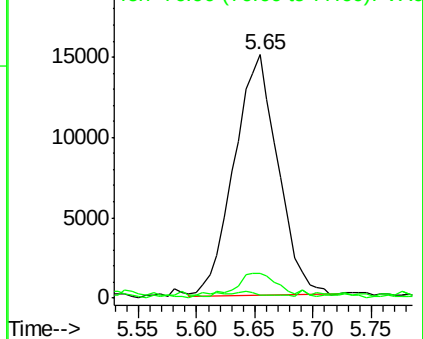
77 0.7 24.8 37.2#

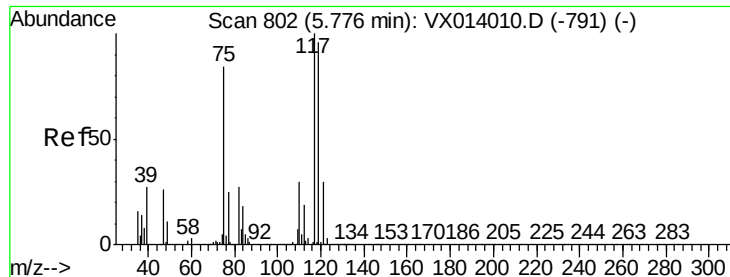


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.912 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampled :

MW-14

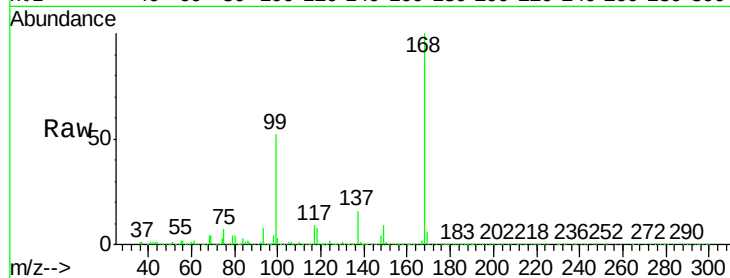
Tgt Ion:117 Resp: 51458

Ion Ratio Lower Upper

117 100

119 2.8 76.2 114.4#

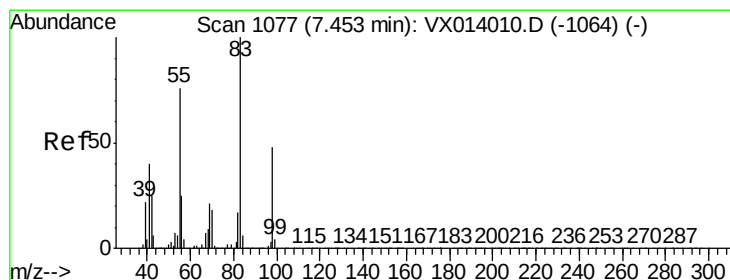
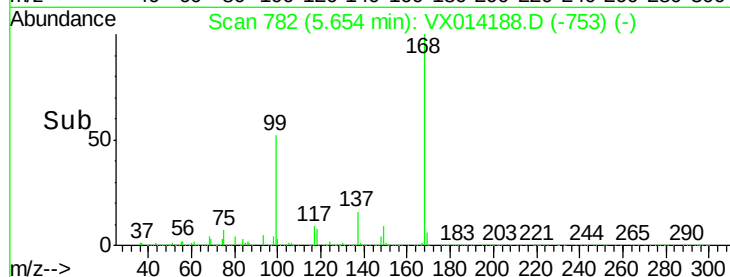
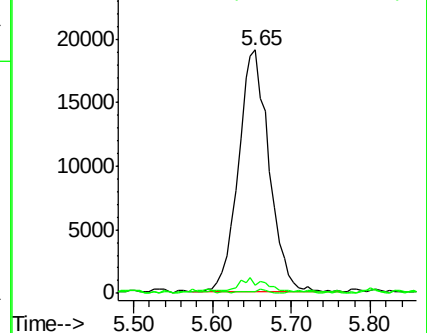
121 0.3 23.6 35.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 12.771 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

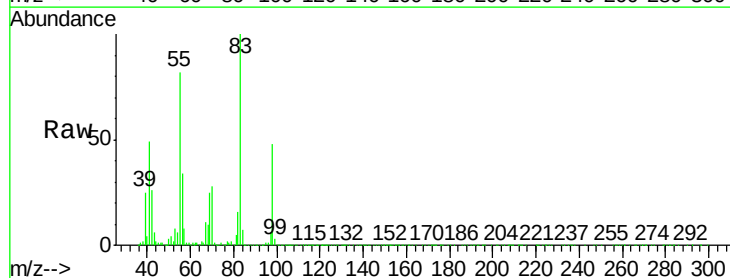
Tgt Ion: 83 Resp: 128867

Ion Ratio Lower Upper

83 100

55 81.9 61.0 91.6

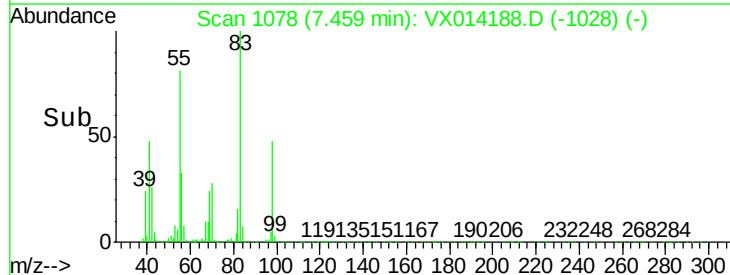
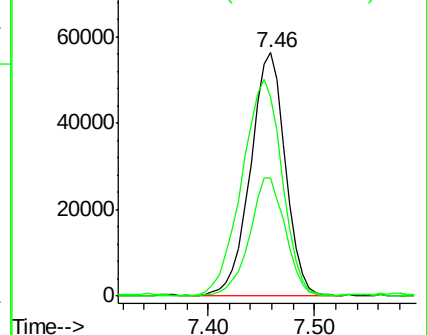
98 48.4 38.6 57.8

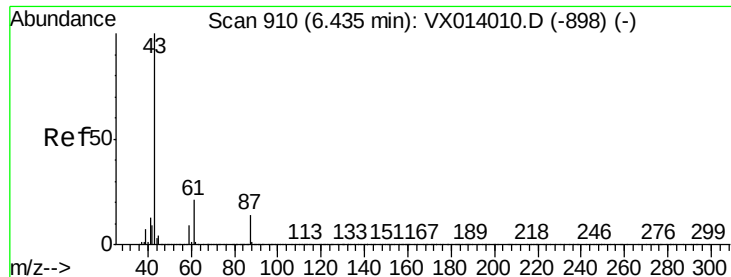


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

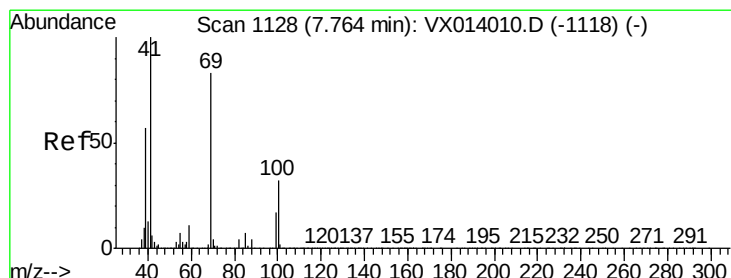
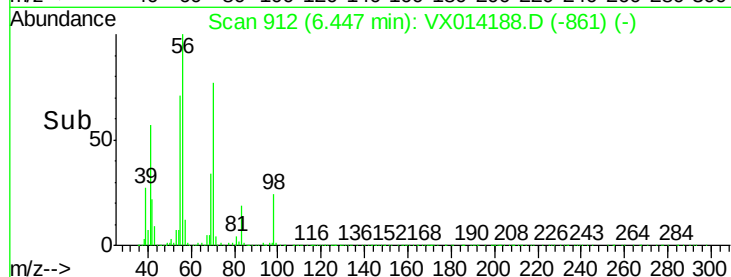
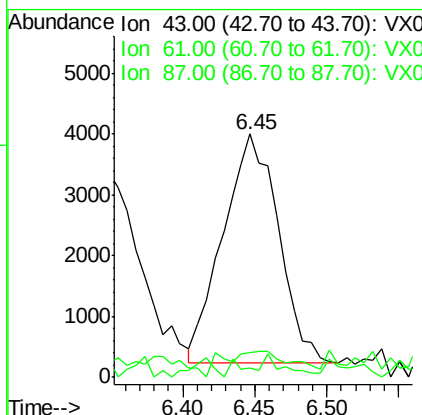
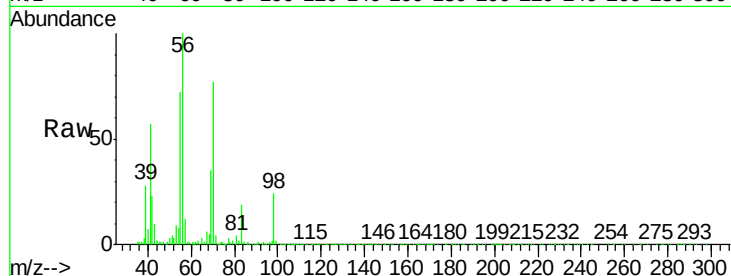




#43
Isopropyl Acetate
Concen: 0.675 ug/l
RT: 6.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

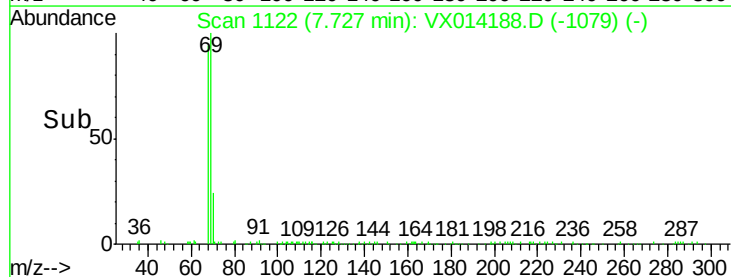
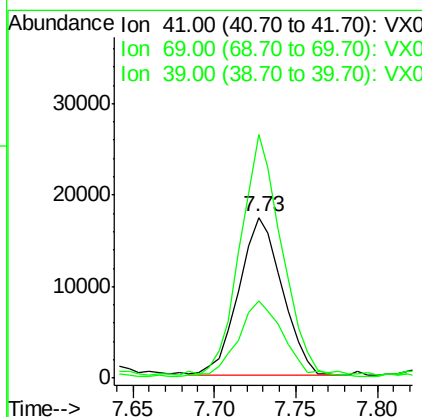
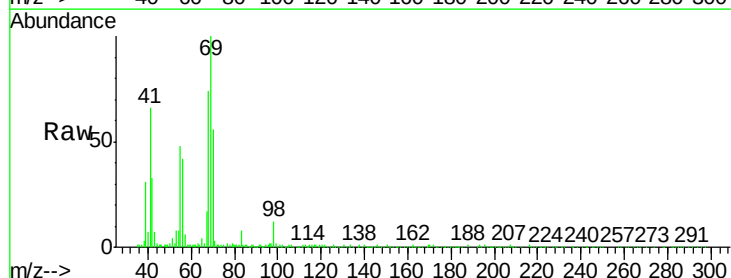
Instrument :
MSVOA_X
ClientSampled :
MW-14

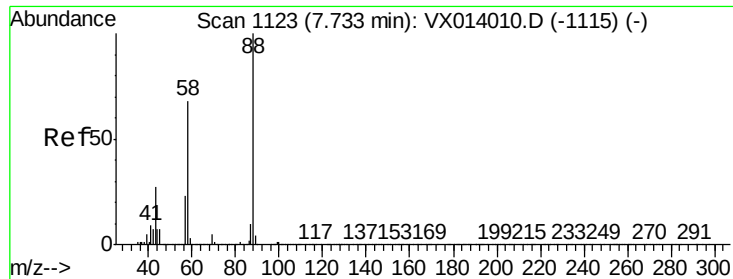
Tgt Ion	Ratio	Lower	Upper
43	100		
61	6.4	16.4	24.6#
87	2.1	10.7	16.1#



#48
Methyl methacrylate
Concen: 4.406 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.04 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Tgt Ion	Ratio	Lower	Upper
41	100		
69	148.5	65.8	98.6#
39	49.5	44.6	67.0

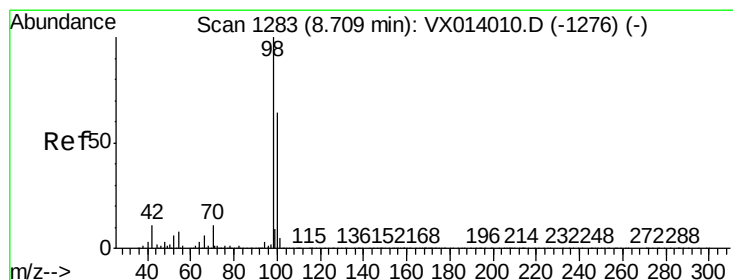
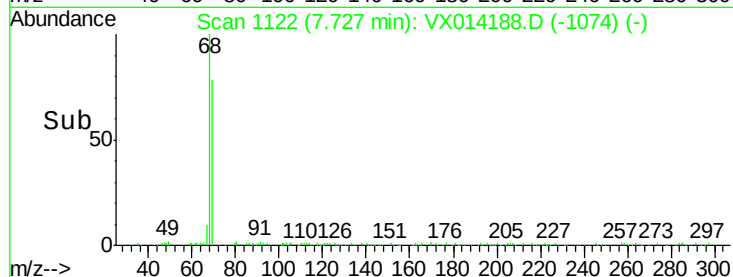
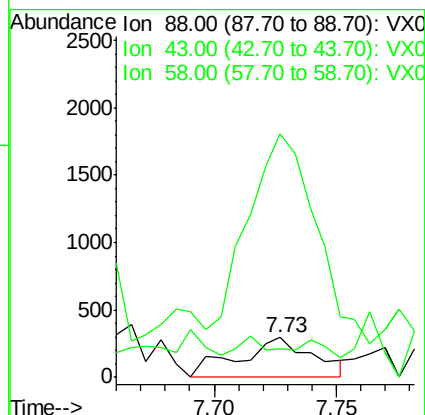
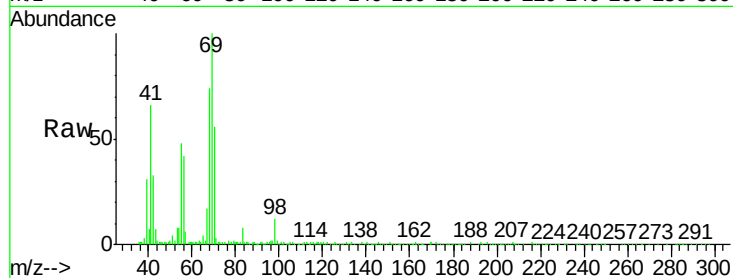




#49
1,4-Dioxane
Concen: 4.139 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

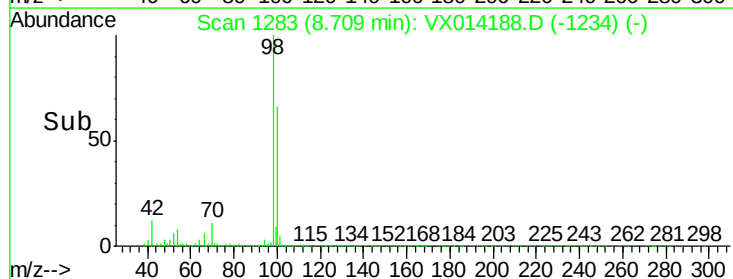
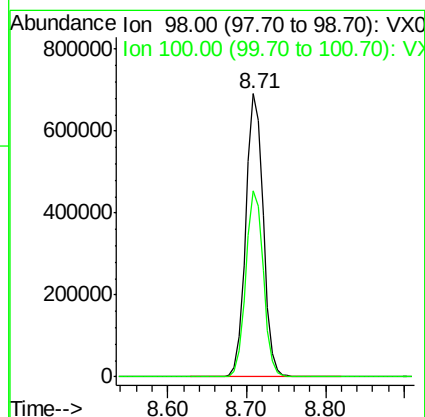
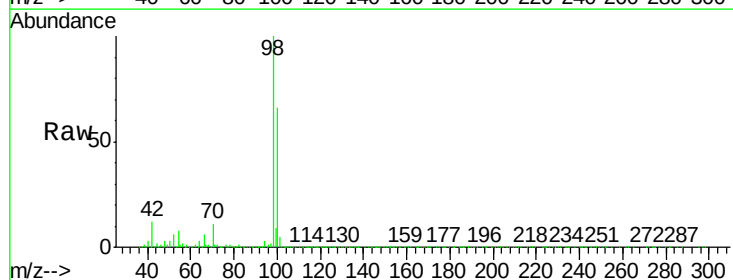
Instrument :
MSVOA_X
ClientSampled :
MW-14

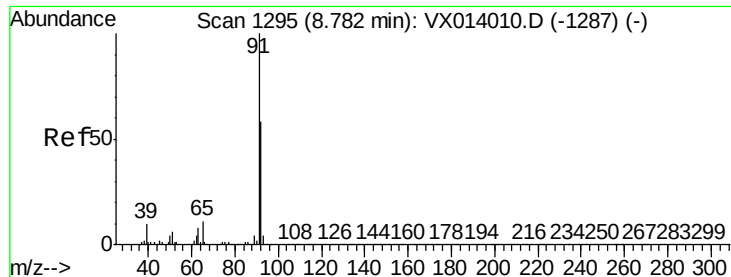
Tgt Ion: 88 Resp: 616
Ion Ratio Lower Upper
88 100
43 489.9 26.5 39.7#
58 66.7 56.8 85.2



#50
Toluene-d8
Concen: 50.367 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Tgt Ion: 98 Resp: 1061646
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3





#52

Toluene

Concen: 0.692 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampled :

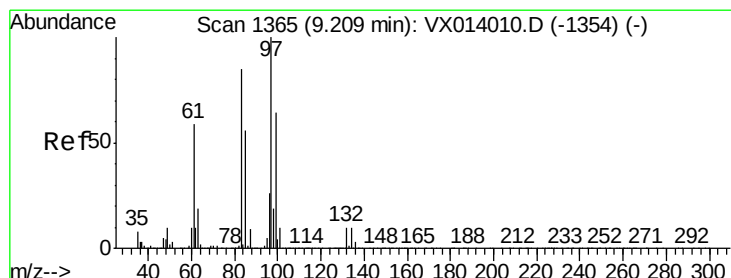
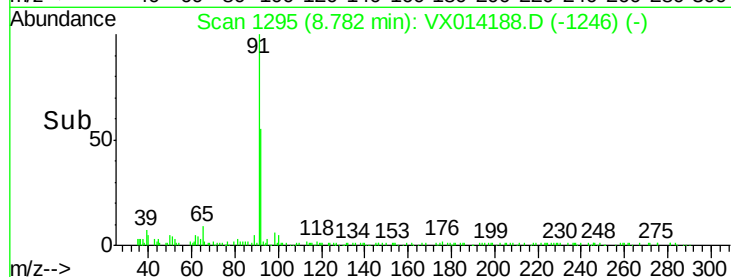
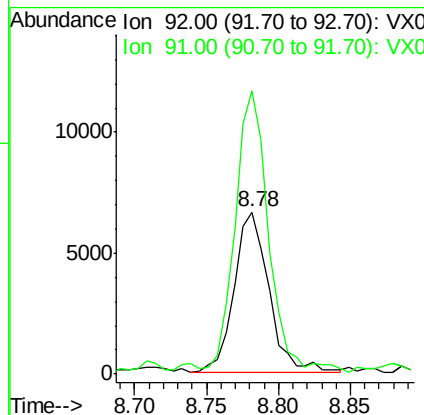
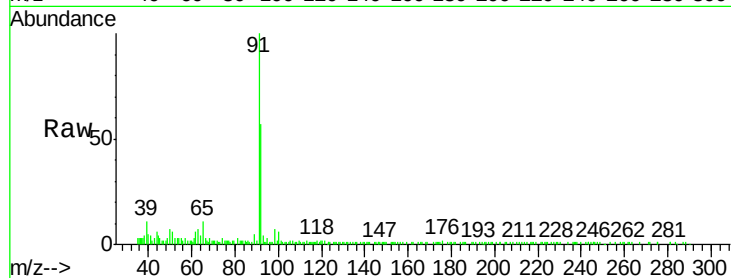
MW-14

Tgt Ion: 92 Resp: 11001

Ion Ratio Lower Upper

92 100

91 171.5 136.2 204.4



#55

1,1,2-Trichloroethane

Concen: 0.962 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Tgt Ion: 97 Resp: 6130

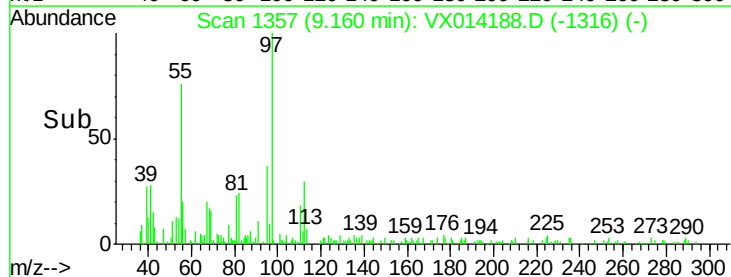
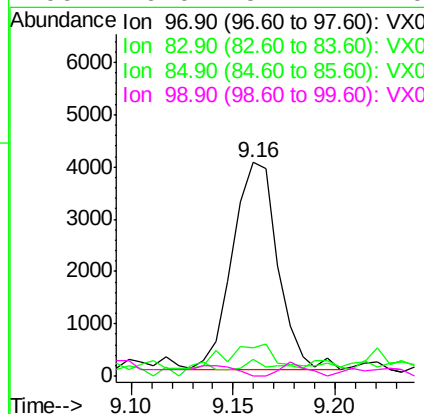
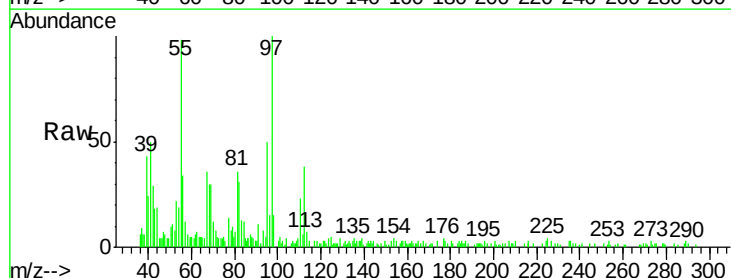
Ion Ratio Lower Upper

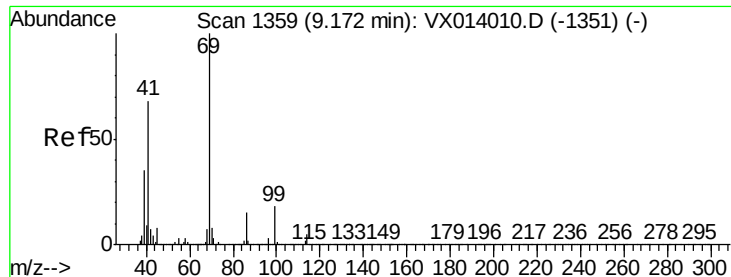
97 100

83 9.9 68.2 102.4#

85 3.3 44.6 66.8#

99 0.0 51.4 77.0#





#56

Ethyl methacrylate

Concen: 0.259 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampled :

MW-14

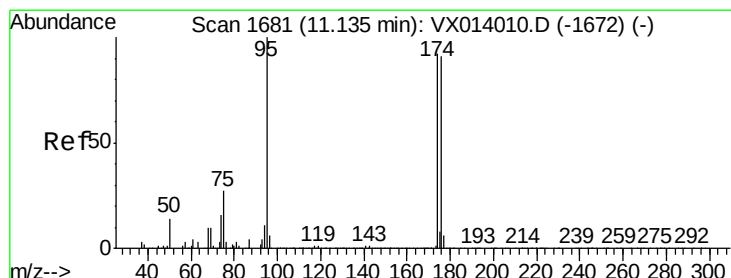
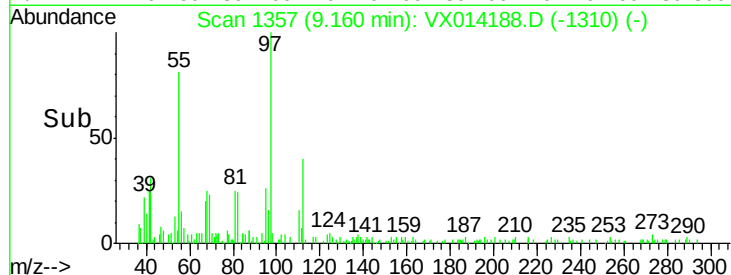
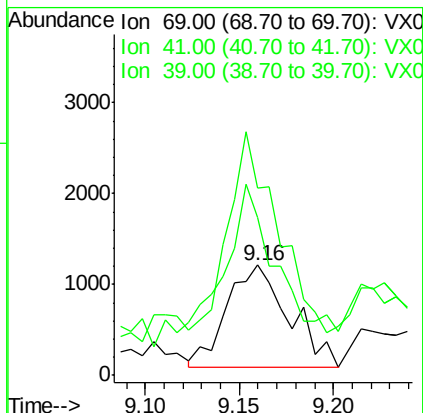
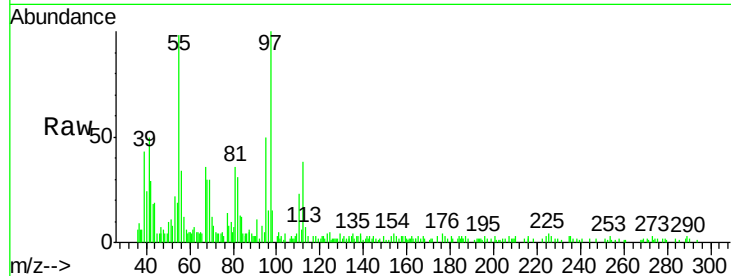
Tgt Ion: 69 Resp: 2591

Ion Ratio Lower Upper

69 100

41 150.7 54.8 82.2#

39 108.8 28.3 42.5#



#62

4-Bromofluorobenzene

Concen: 51.098 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

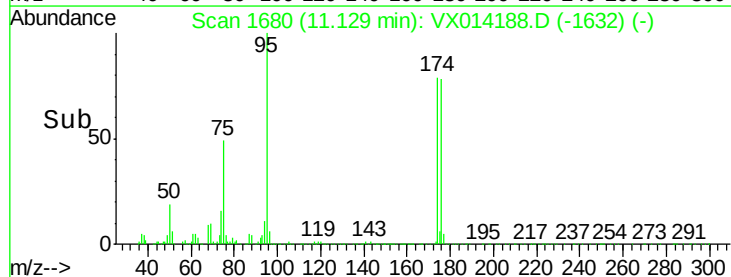
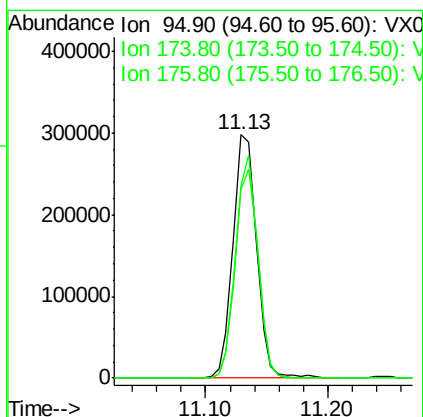
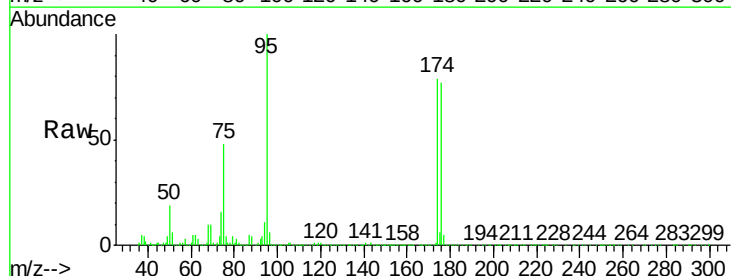
Tgt Ion: 95 Resp: 393707

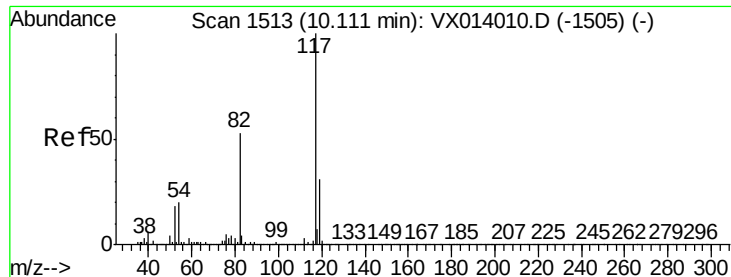
Ion Ratio Lower Upper

95 100

174 86.6 0.0 175.8

176 84.1 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

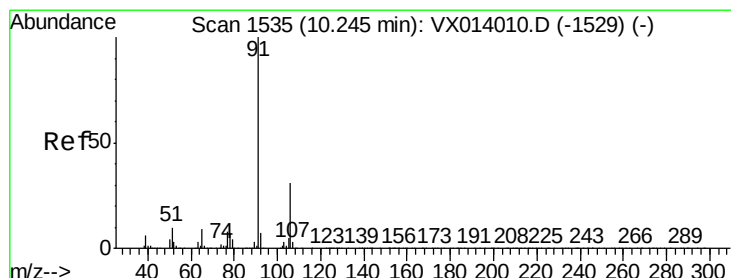
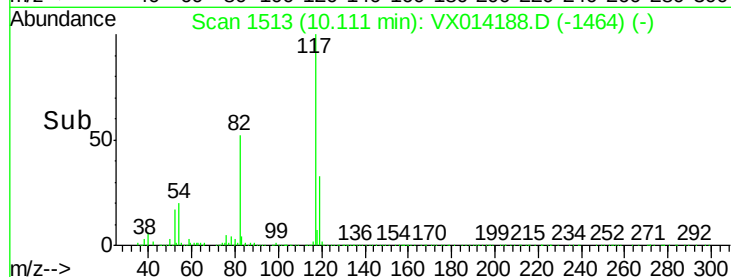
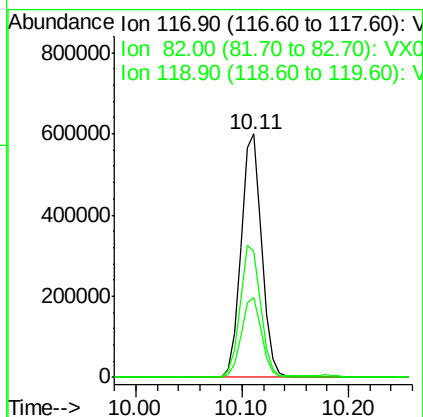
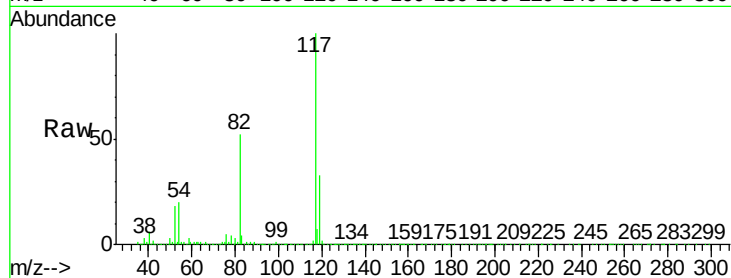
Instrument :

MSVOA_X

ClientSampleId :

MW-14

Tgt Ion:	117	Resp:	811905
Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.2	63.4
119	33.0	25.1	37.7



#67

Ethyl Benzene

Concen: 22.065 ug/l

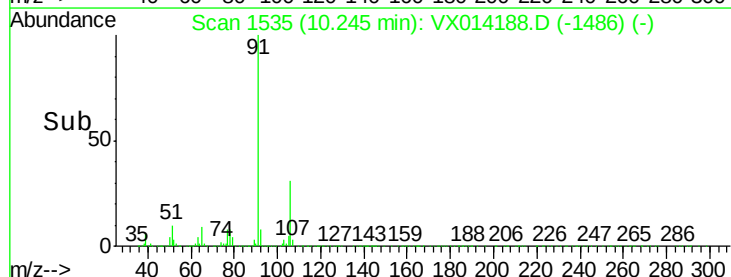
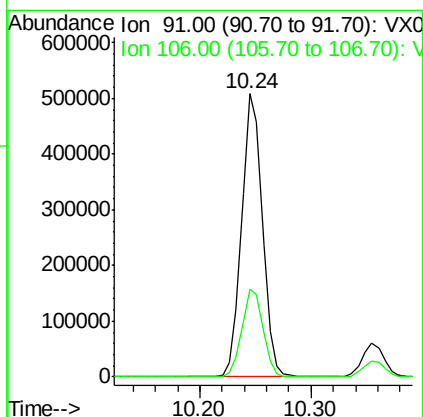
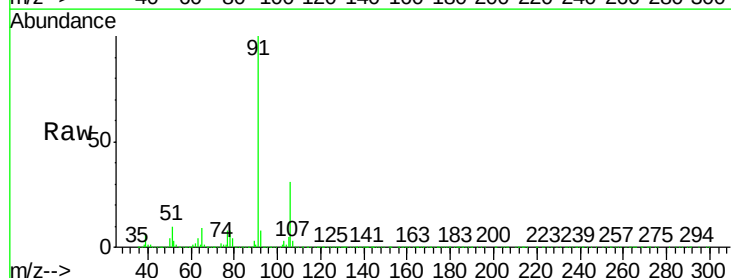
RT: 10.24 min Scan# 1535

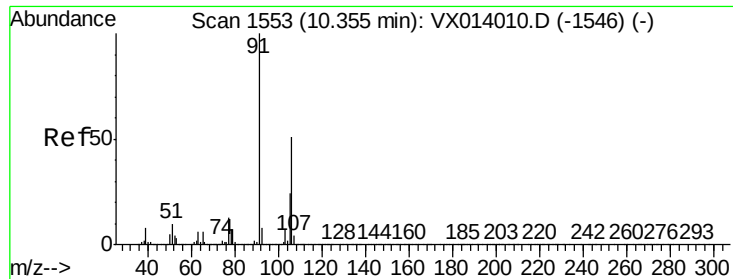
Delta R.T. -0.00 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Tgt Ion:	91	Resp:	654876
Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.0	37.6





#68

m/p-Xylenes

Concen: 3.473 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

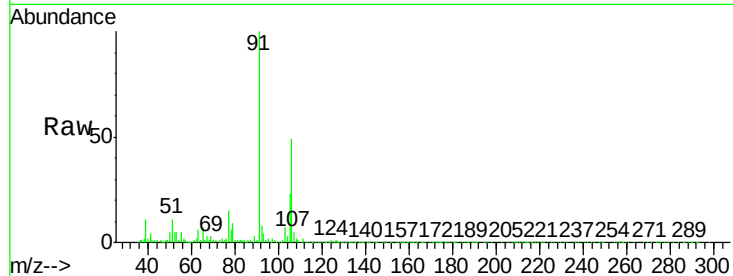
MW-14

Tgt Ion:106 Resp: 39646

Ion Ratio Lower Upper

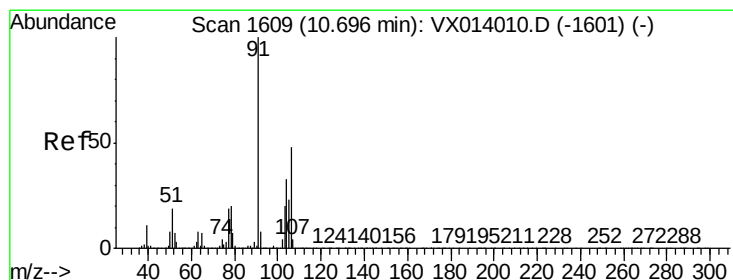
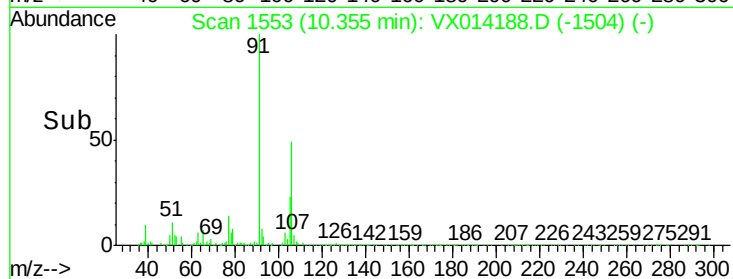
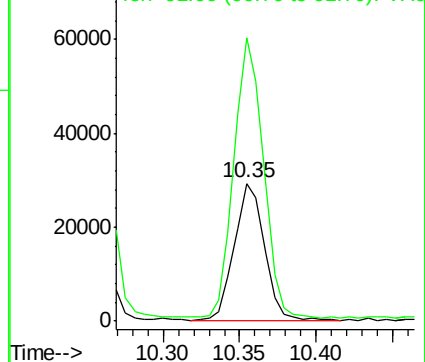
106 100

91 199.6 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 8.241 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX014188.D

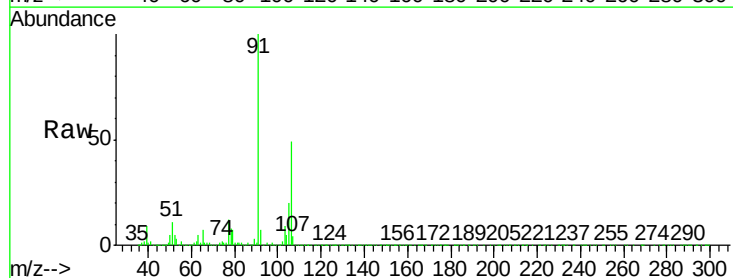
Acq: 20 Dec 2019 20:42

Tgt Ion:106 Resp: 92258

Ion Ratio Lower Upper

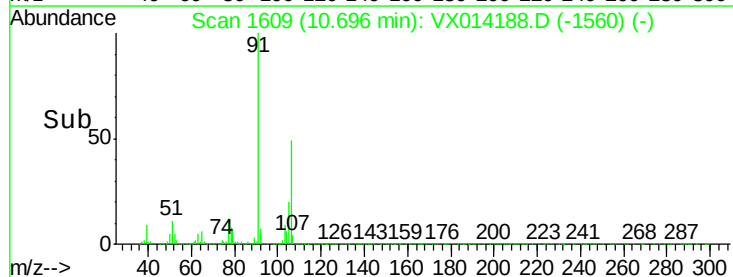
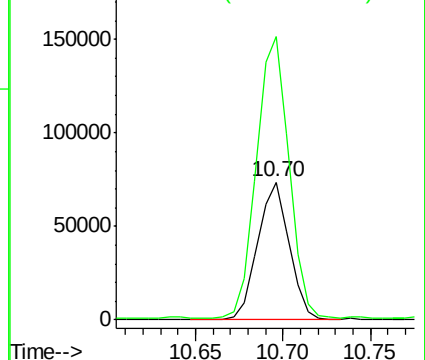
106 100

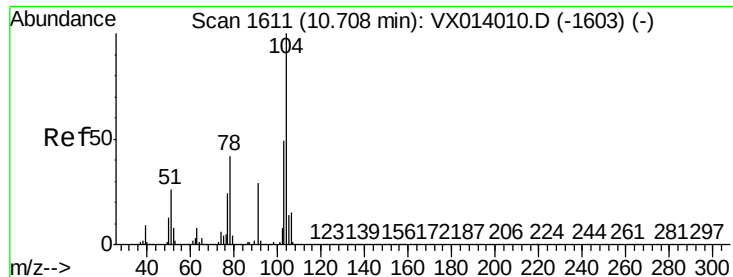
91 211.7 104.2 312.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

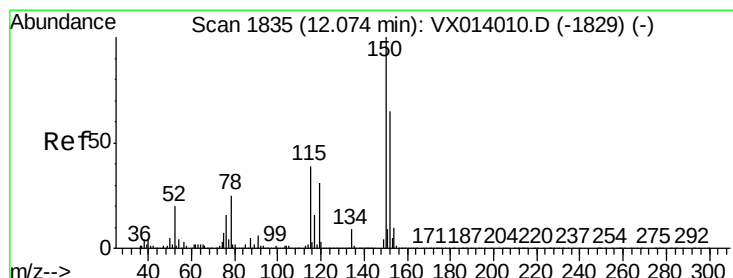
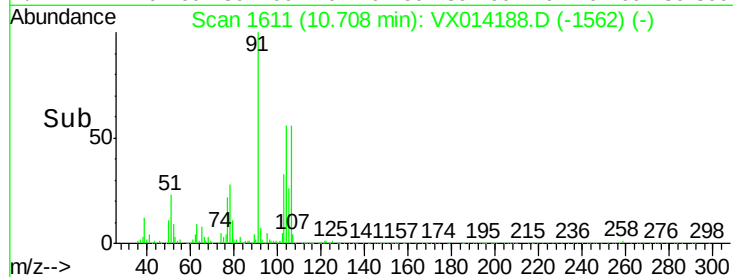
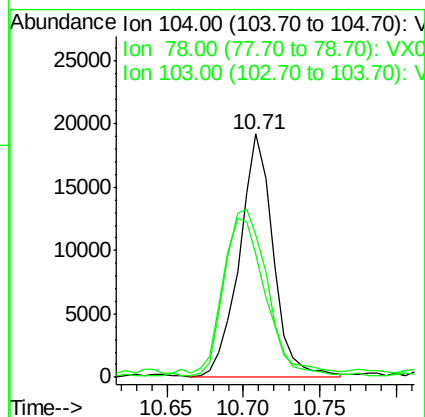
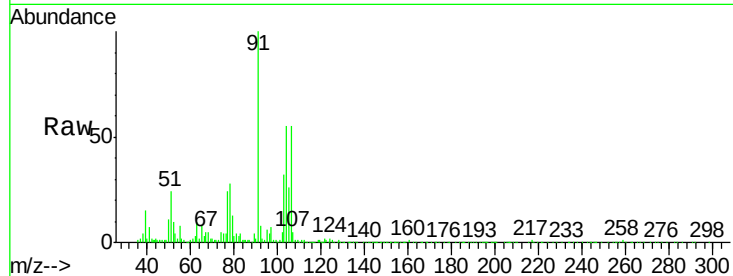




#70
Styrene
Concen: 1.539 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

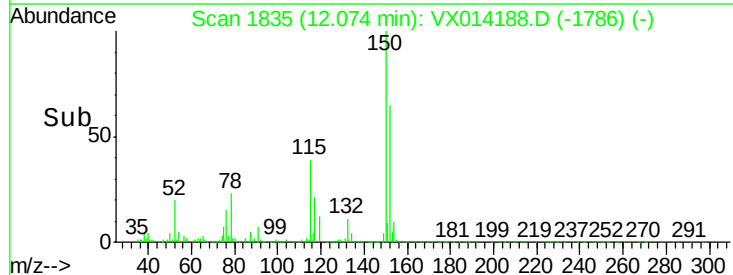
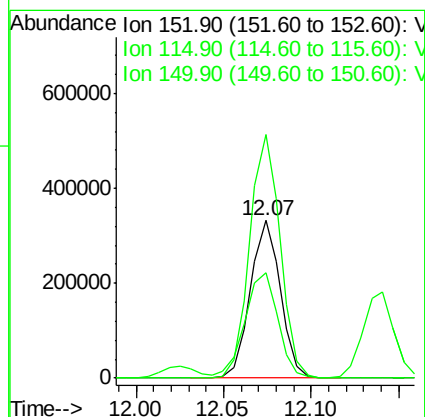
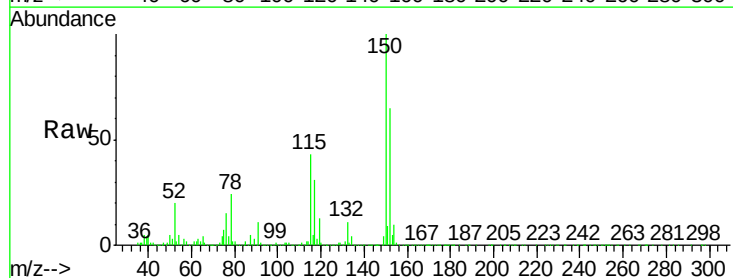
Instrument :
MSVOA_X
ClientSampleId :
MW-14

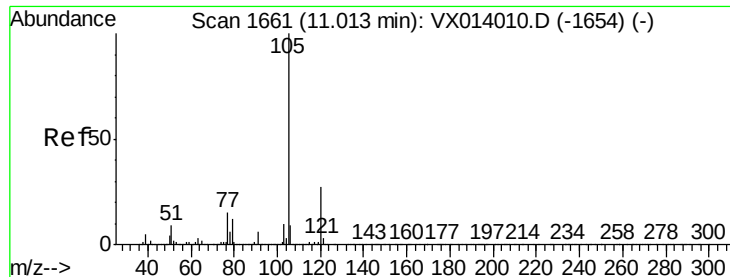
Tgt Ion:104 Resp: 29142
Ion Ratio Lower Upper
104 100
78 79.1 38.5 57.7#
103 86.9 42.9 64.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Tgt Ion:152 Resp: 398892
Ion Ratio Lower Upper
152 100
115 72.4 38.3 114.9
150 156.4 0.0 345.4





#73

Isopropylbenzene

Concen: 90.106 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

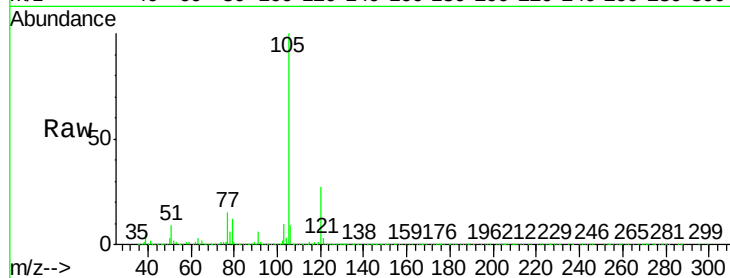
MW-14

Tgt Ion:105 Resp: 2530642

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

1000000

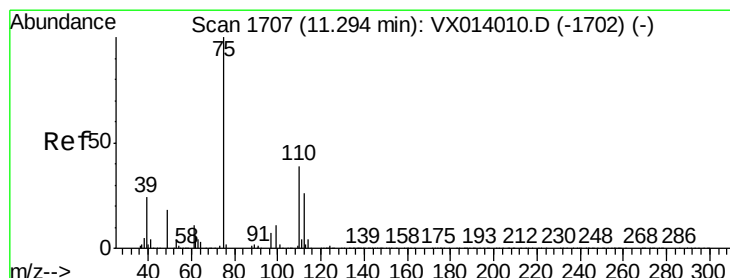
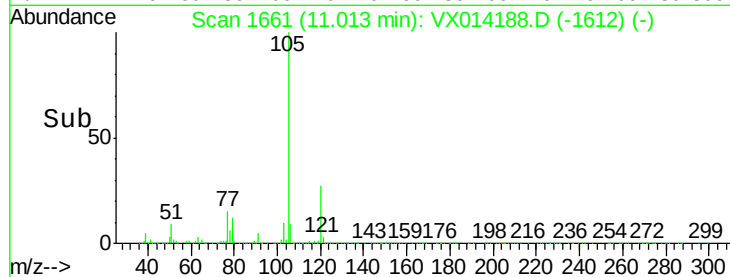
500000

0

11.01

11.10

Time-->



#76

1,2,3-Trichloropropane

Concen: 1.768 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.06 min

Lab File: VX014188.D

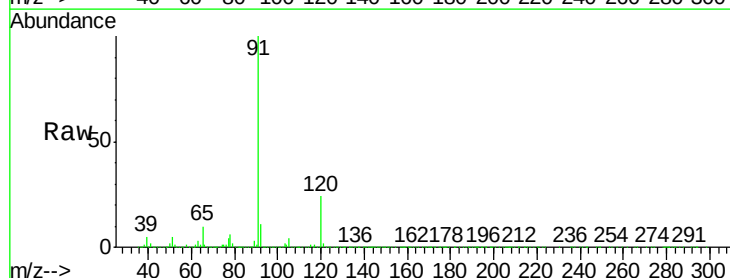
Acq: 20 Dec 2019 20:42

Tgt Ion: 75 Resp: 15307

Ion Ratio Lower Upper

75 100

77 671.6 19.3 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

100000

80000

60000

40000

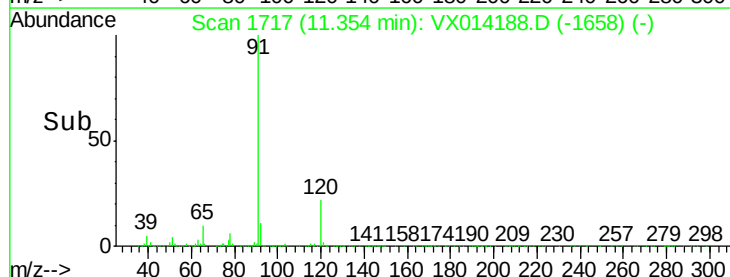
20000

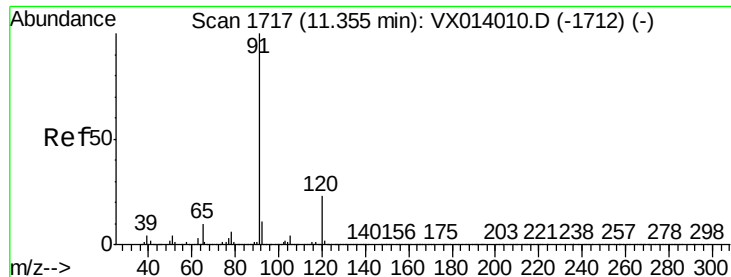
0

11.35

11.40

Time-->





#78

n-propylbenzene

Concen: 84.825 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampled :

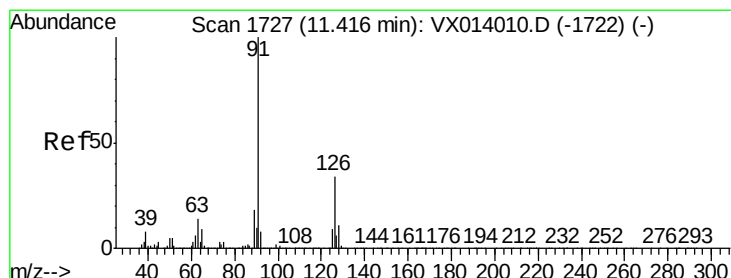
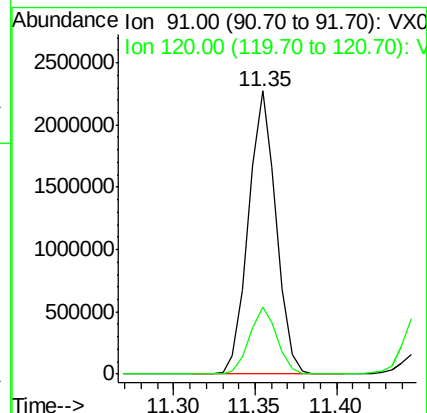
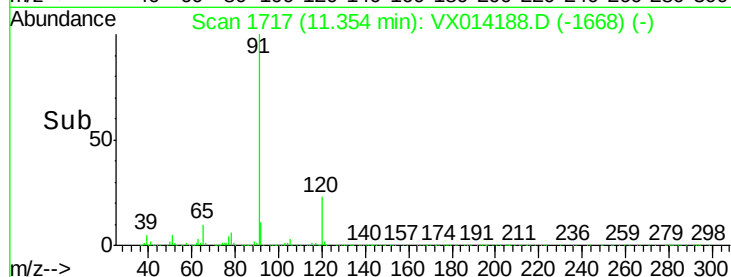
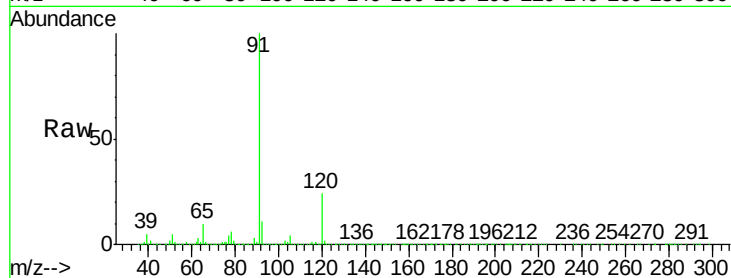
MW-14

Tgt Ion: 91 Resp: 2672174

Ion Ratio Lower Upper

91 100

120 23.6 11.7 35.0



#79

2-Chlorotoluene

Concen: 11.472 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. 0.04 min

Lab File: VX014188.D

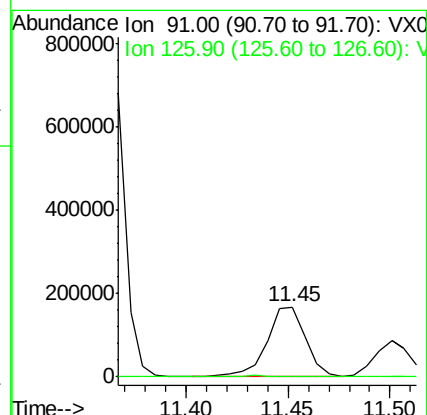
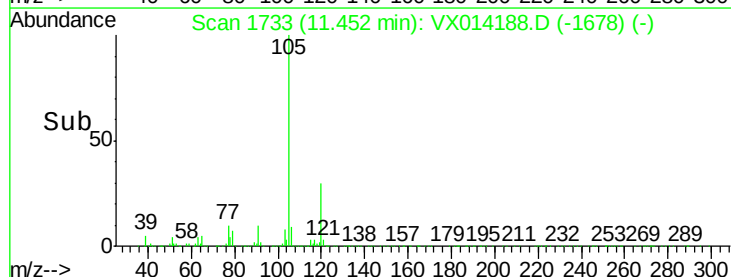
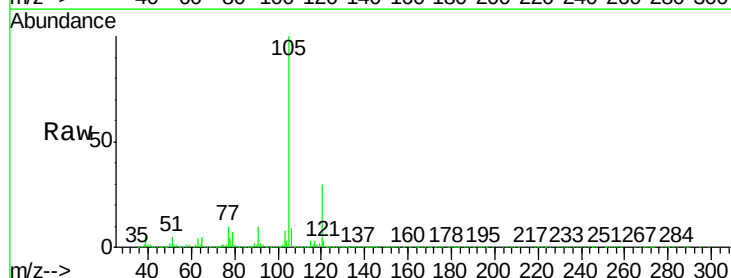
Acq: 20 Dec 2019 20:42

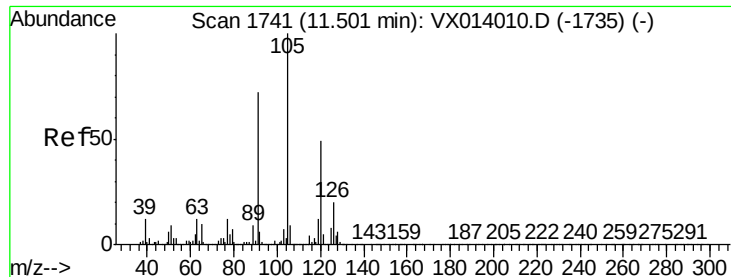
Tgt Ion: 91 Resp: 219685

Ion Ratio Lower Upper

91 100

126 1.7 17.2 51.6#





#80

1,3,5-Trimethylbenzene

Concen: 38.951 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

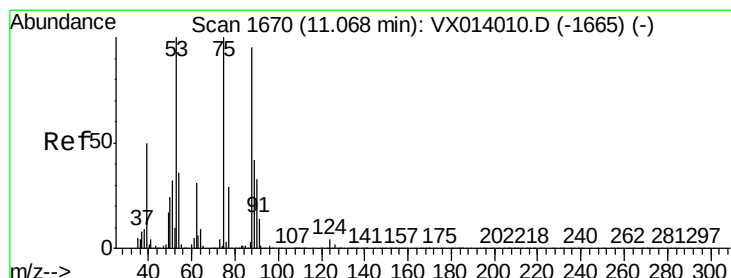
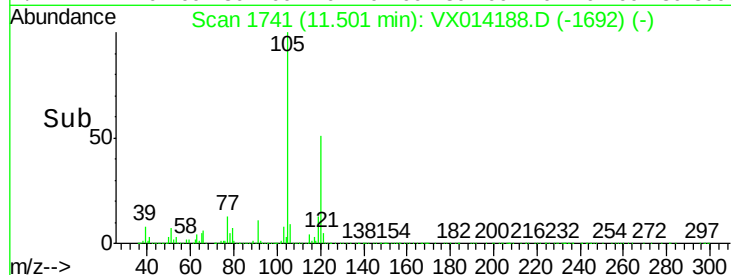
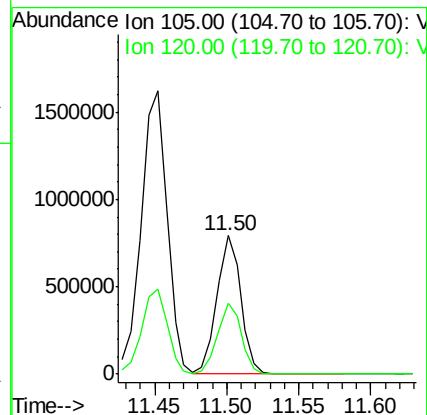
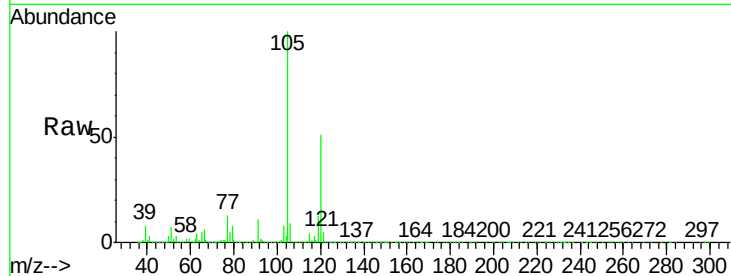
MW-14

Tgt Ion:105 Resp: 920673

Ion Ratio Lower Upper

105 100

120 51.6 25.3 75.8



#81

trans-1,4-Dichloro-2-butene

Concen: 8.997 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.06 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

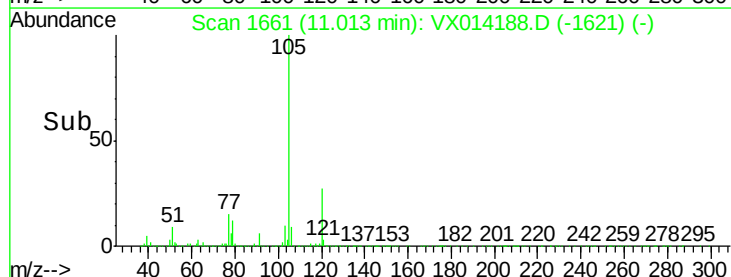
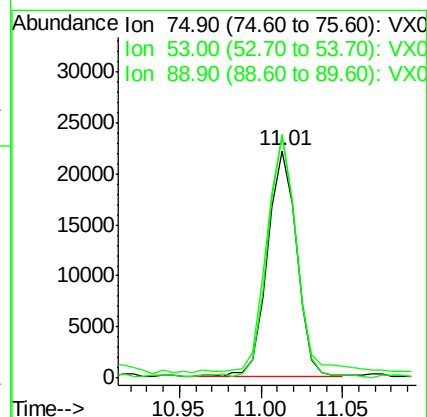
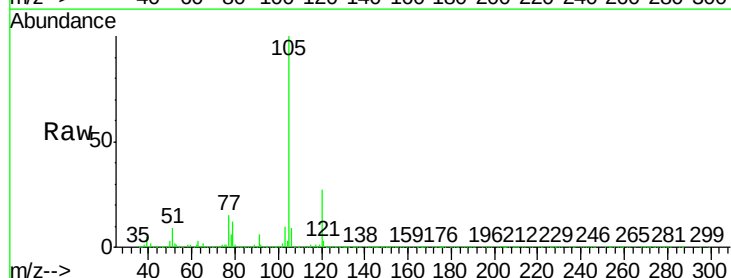
Tgt Ion: 75 Resp: 27603

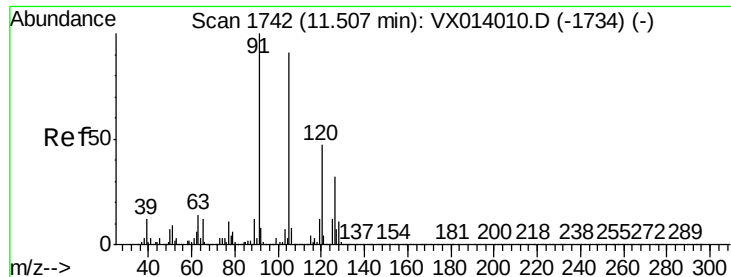
Ion Ratio Lower Upper

75 100

53 114.8 76.7 115.1

89 107.7 34.6 51.8#

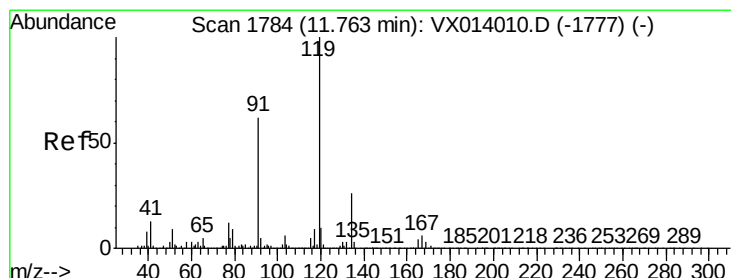
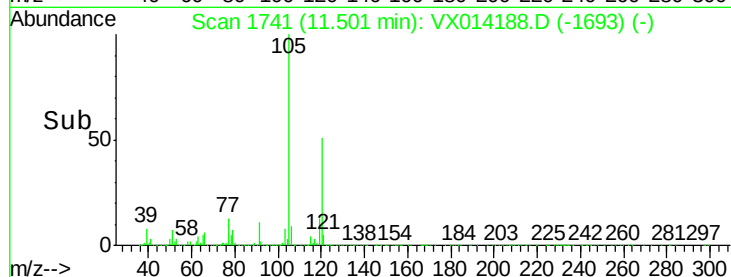
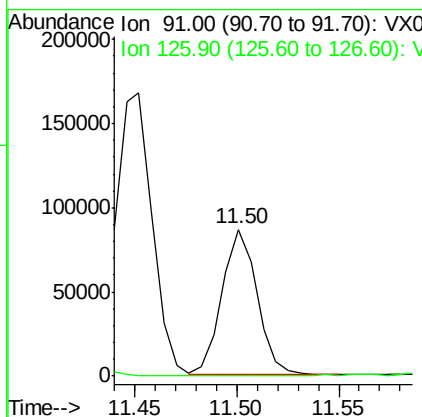
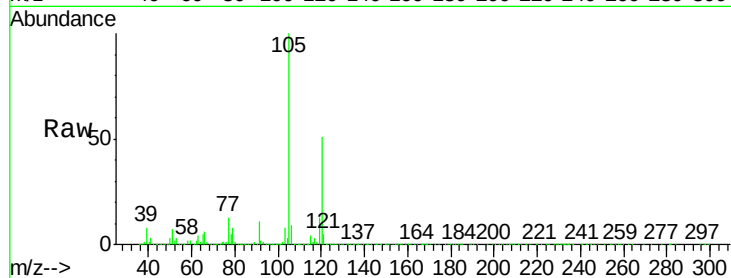




#82
4-Chlorotoluene
Concen: 4.625 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

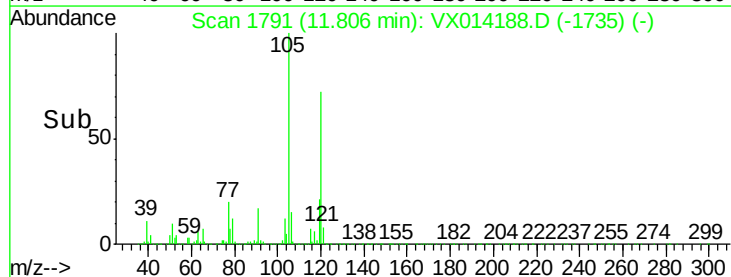
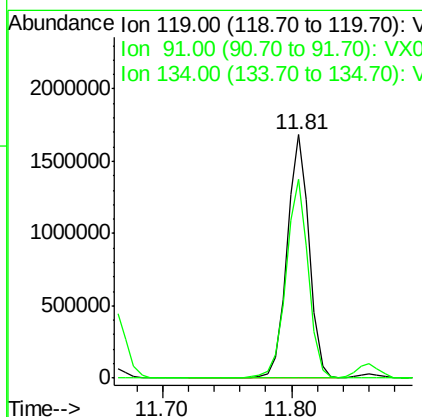
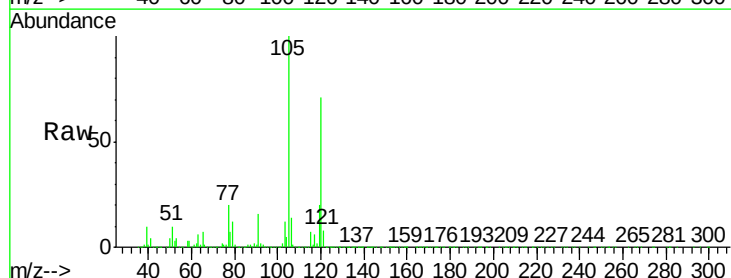
Instrument :
MSVOA_X
ClientSampleId :
MW-14

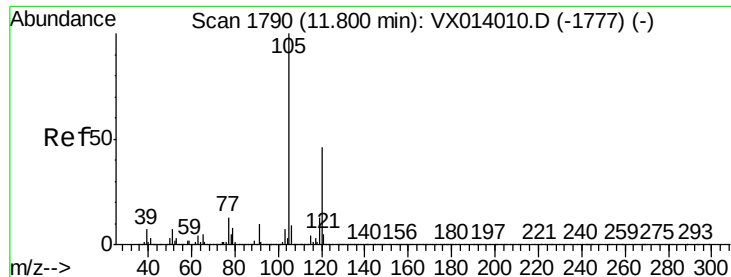
Tgt Ion: 91 Resp: 102729
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#



#83
tert-Butylbenzene
Concen: 87.128 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.04 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Tgt Ion: 119 Resp: 2004144
Ion Ratio Lower Upper
119 100
91 82.4 28.5 85.6
134 0.0 12.2 36.6#

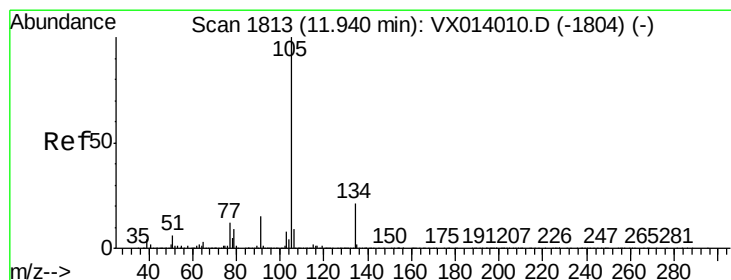
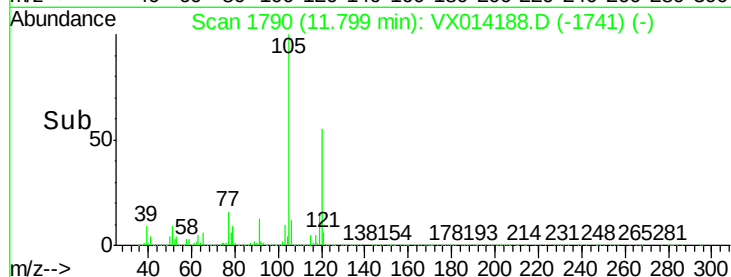
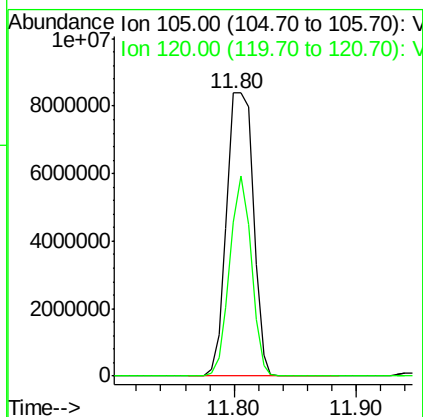
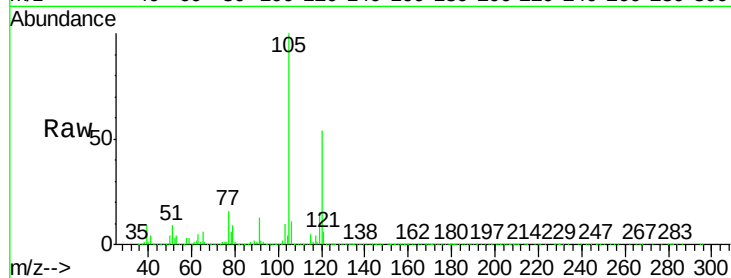




#84
 1,2,4-Trimethylbenzene
 Concen: 534.578 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014188.D
 Acq: 20 Dec 2019 20:42

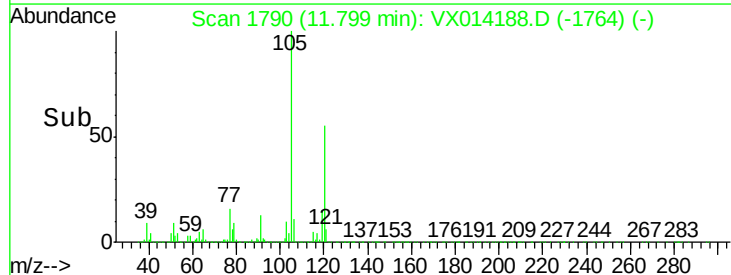
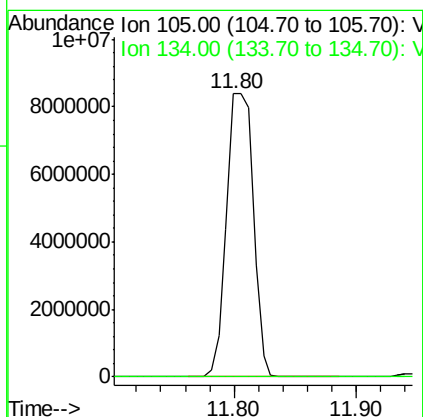
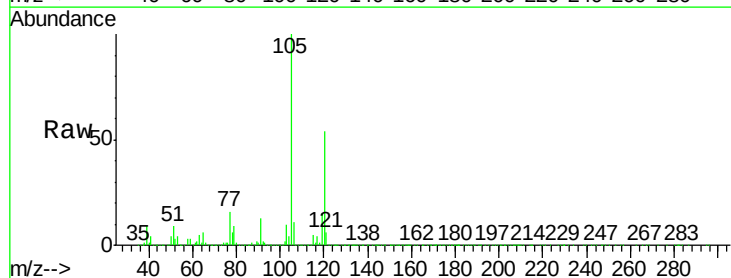
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

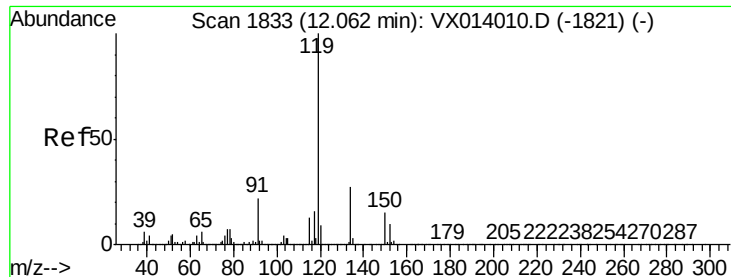
Tgt Ion:105 Resp:12653778
 Ion Ratio Lower Upper
 105 100
 120 56.9 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 465.988 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.14 min
 Lab File: VX014188.D
 Acq: 20 Dec 2019 20:42

Tgt Ion:105 Resp:12653778
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

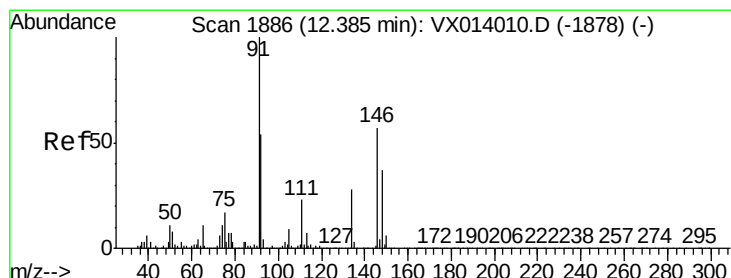
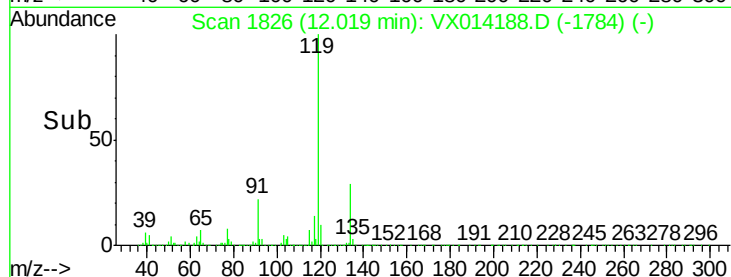
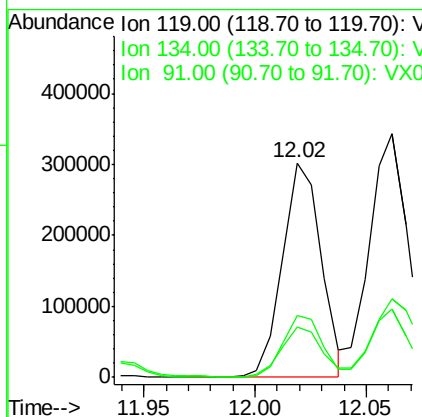
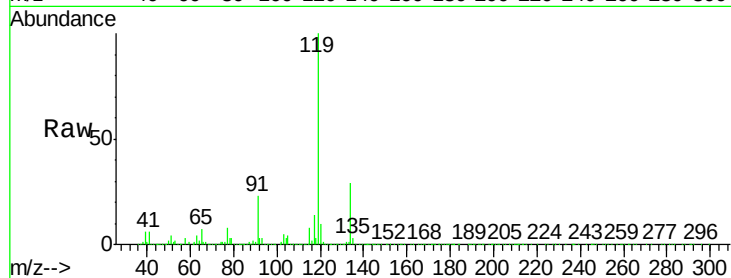




#86
p-Isopropyltoluene
Concen: 14.644 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.04 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

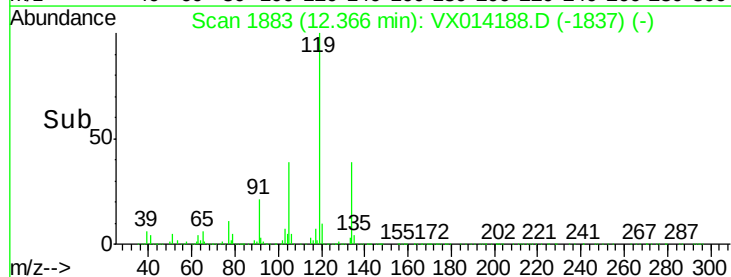
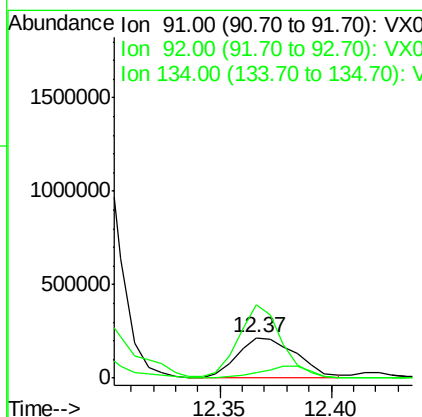
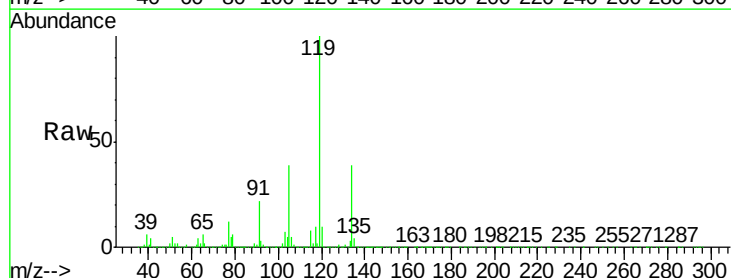
Instrument :
MSVOA_X
ClientSampleId :
MW-14

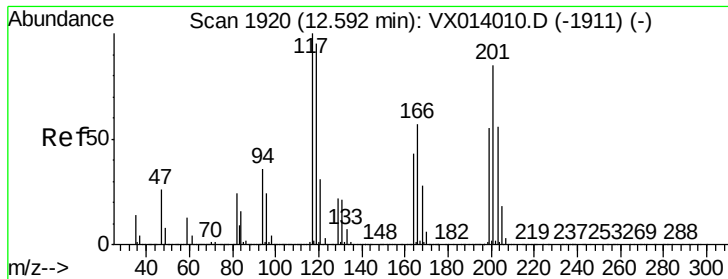
Tgt Ion	Ratio	Lower	Upper
119	100		
134	30.2	13.4	40.1
91	25.3	11.4	34.1



#89
n-Butylbenzene
Concen: 18.121 ug/l
RT: 12.37 min Scan# 1883
Delta R.T. -0.02 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	25.4	27.2	81.6#
134	137.3	13.4	40.1#





#90

Hexachloroethane

Concen: 64.431 ug/l

RT: 12.60 min Scan# 1922

Delta R.T. 0.01 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

Instrument :

MSVOA_X

ClientSampleId :

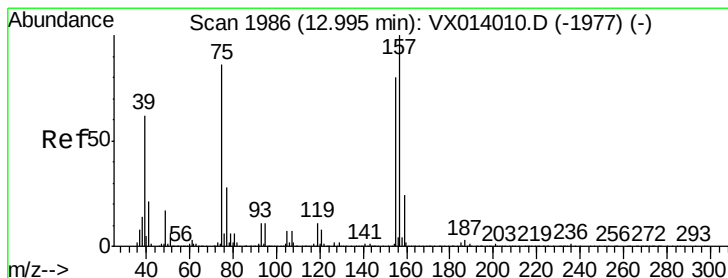
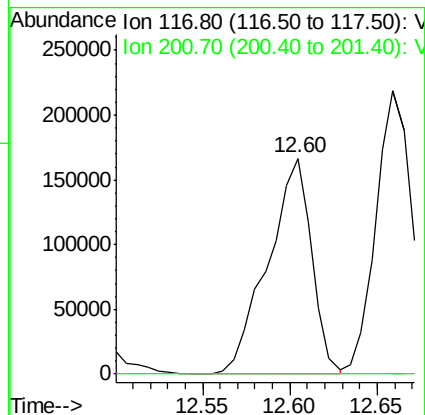
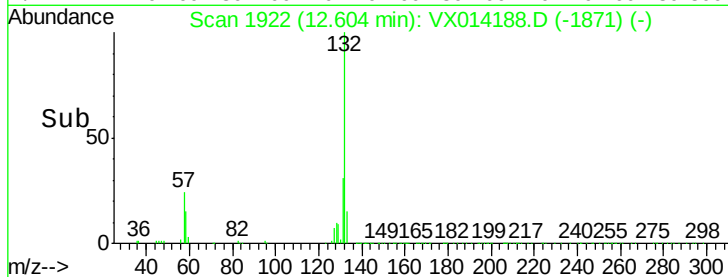
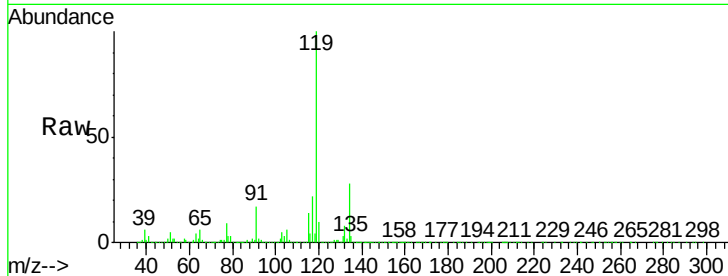
MW-14

Tgt Ion:117 Resp: 287465

Ion Ratio Lower Upper

117 100

201 0.1 43.1 129.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.916 ug/l

RT: 12.97 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VX014188.D

Acq: 20 Dec 2019 20:42

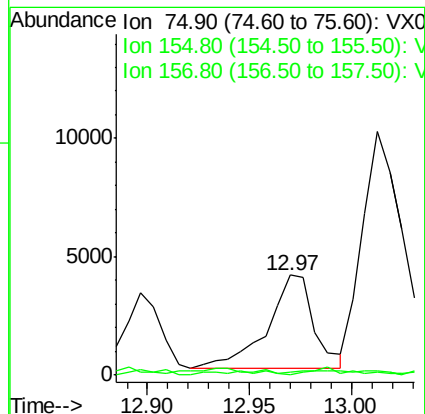
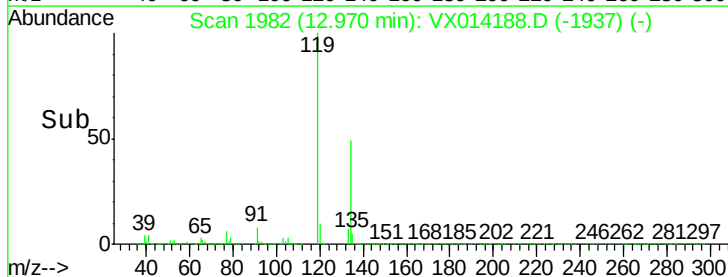
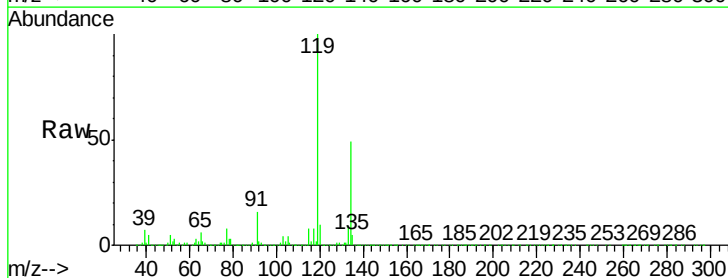
Tgt Ion: 75 Resp: 6283

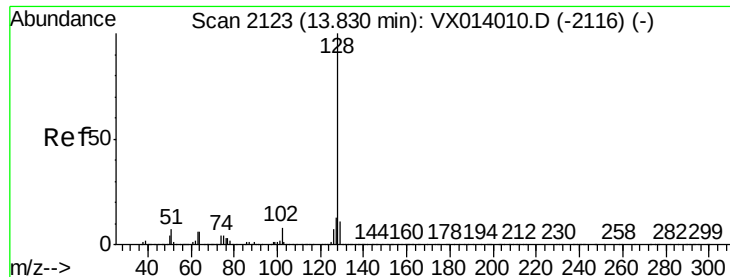
Ion Ratio Lower Upper

75 100

155 1.8 46.9 140.6#

157 6.7 60.8 182.4#





#95
Naphthalene
Concen: 21.381 ug/l
RT: 13.56 min Scan# 2078
Delta R.T. -0.27 min
Lab File: VX014188.D
Acq: 20 Dec 2019 20:42

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	173.7	8.7	13.1#

