

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004522.D
 Acq On : 13 Sep 2018 17:55
 Operator : JC/MD
 Sample : J4892-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-07-091118

Quant Time: Sep 15 11:27:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	344278	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187671	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	174332	54.48	ug/l	0.00
Spiked Amount			Recovery	=	108.96%	
35) Dibromofluoromethane	5.50	113	149849	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
50) Toluene-d8	8.71	98	515335	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.14	95	175248	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	

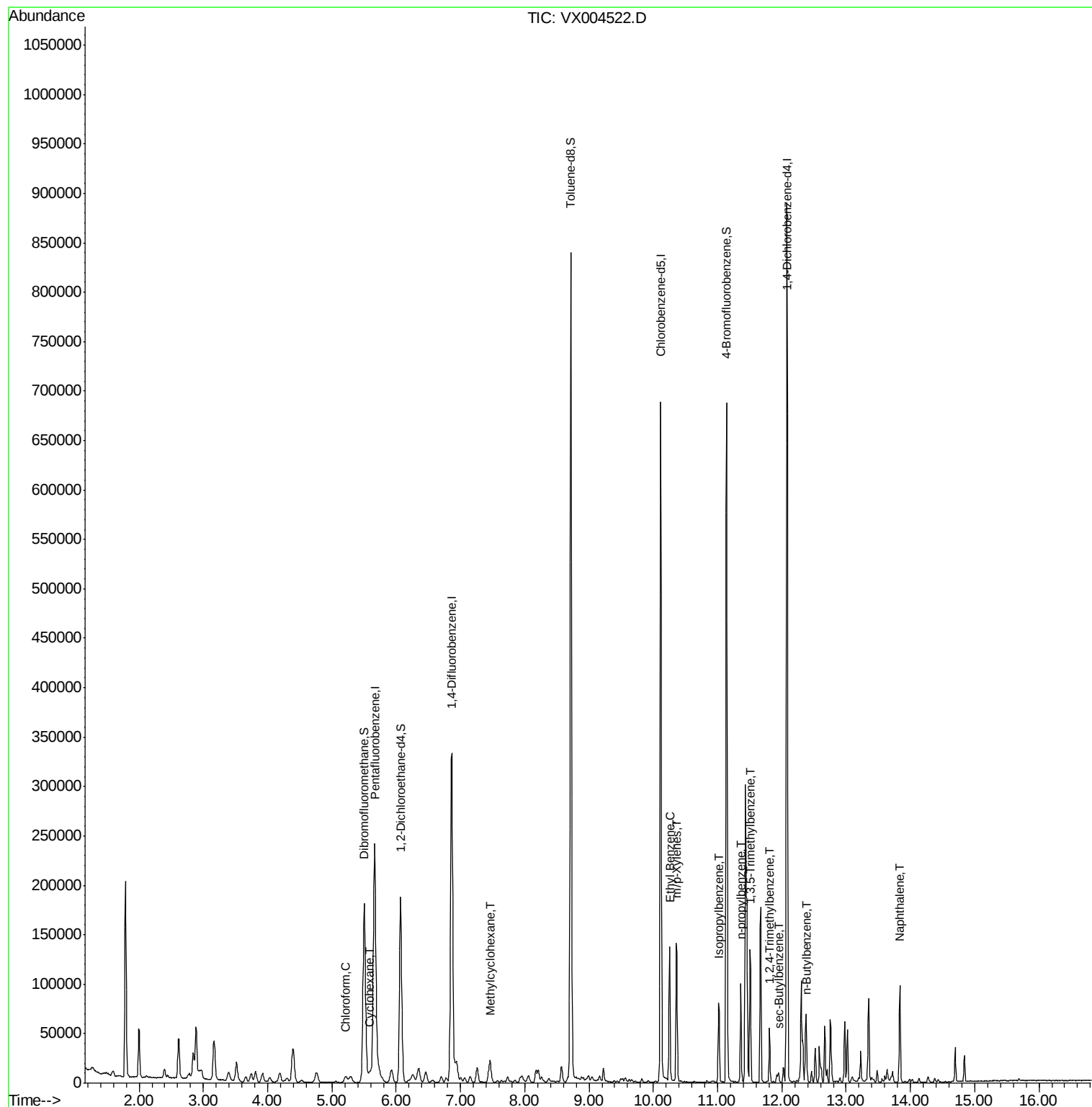
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Chloroform	5.21	83	4967	0.939	ug/l	97
31) Cyclohexane	5.58	56	6353	1.372	ug/l #	74
39) Methylcyclohexane	7.46	83	8114	1.860	ug/l	96
67) Ethyl Benzene	10.26	91	79004	6.078	ug/l	100
68) m/p-Xylenes	10.36	106	33087	6.608	ug/l	96
73) Isopropylbenzene	11.02	105	41733	3.377	ug/l	99
78) n-propylbenzene	11.36	91	58186	4.094	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	57778	5.561	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	24134	2.275	ug/l	100
85) sec-Butylbenzene	11.94	105	5446	0.432	ug/l	99
89) n-Butylbenzene	12.39	91	11882	1.171	ug/l #	36
95) Naphthalene	13.83	128	61014	4.762	ug/l	99

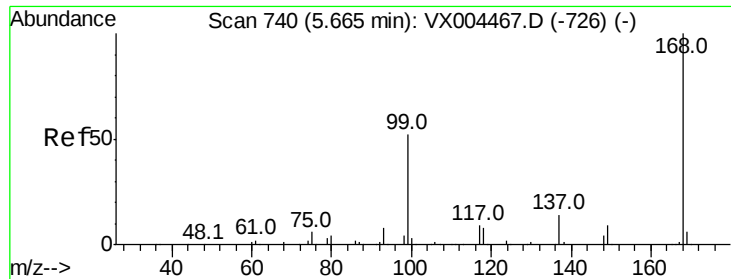
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091318\
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QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

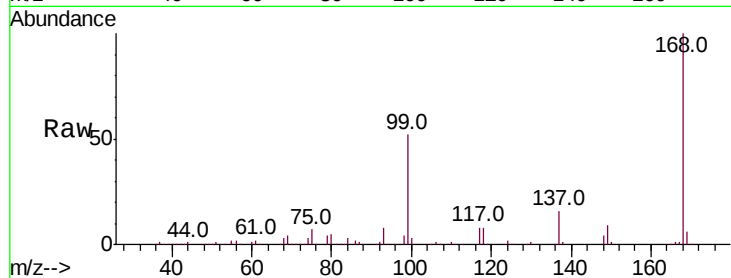
C-MW-07-091118

Tot Ion:168 Resp: 248171

Ion Ratio Lower Upper

168 100

99 52.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

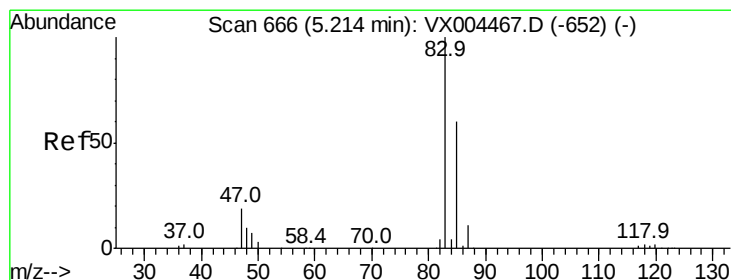
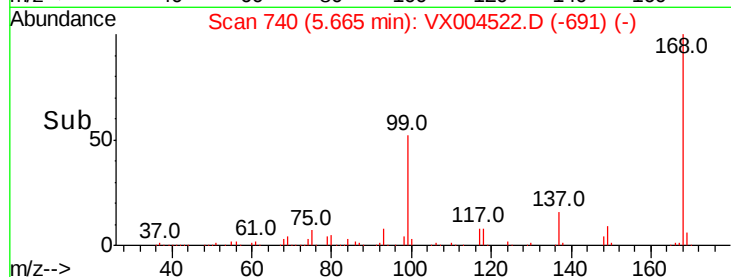
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#30

Chloroform

Concen: 0.939 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX004522.D

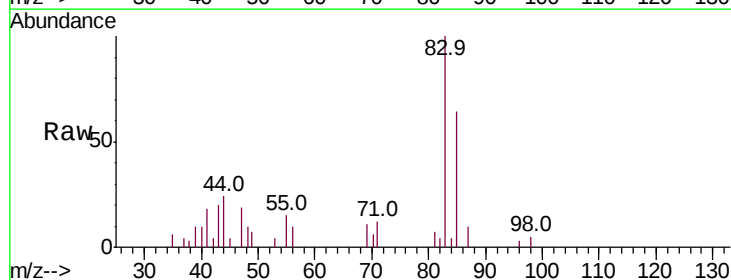
Acq: 13 Sep 2018 17:55

Tgt Ion: 83 Resp: 4967

Ion Ratio Lower Upper

83 100

85 63.6 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

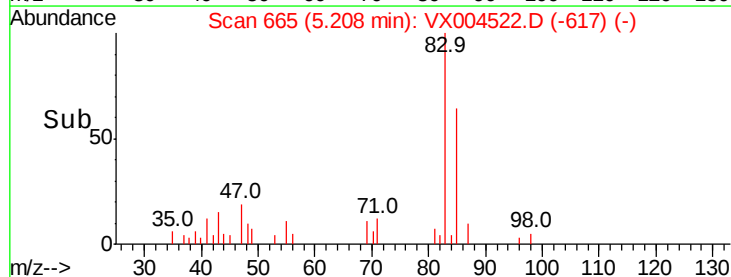
1500

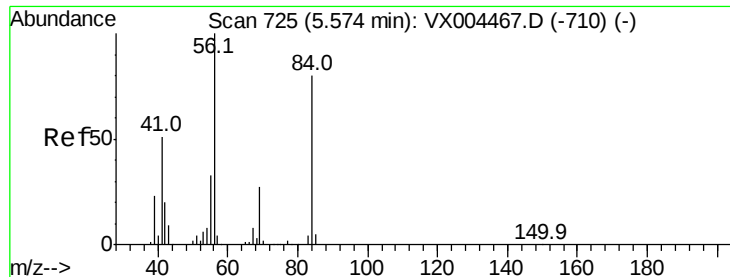
1000

500

0

Time--> 5.15 5.20 5.25

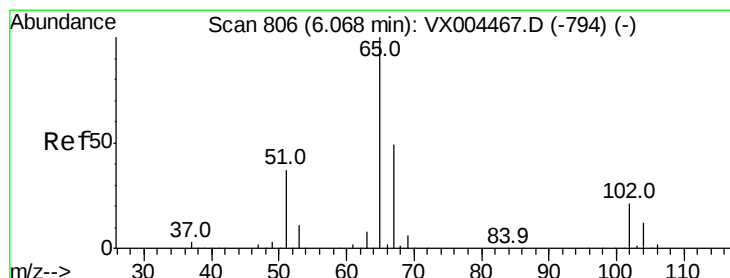
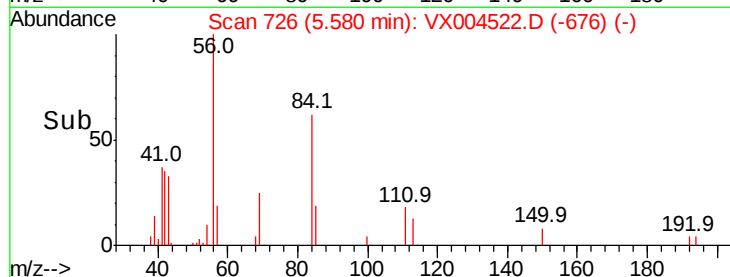
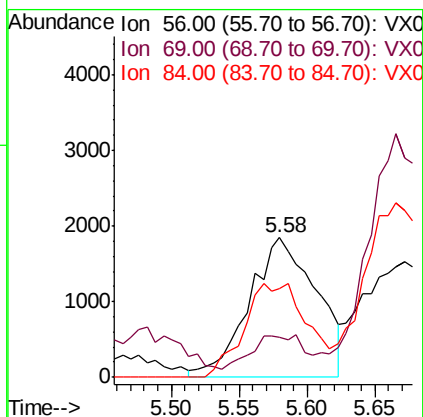
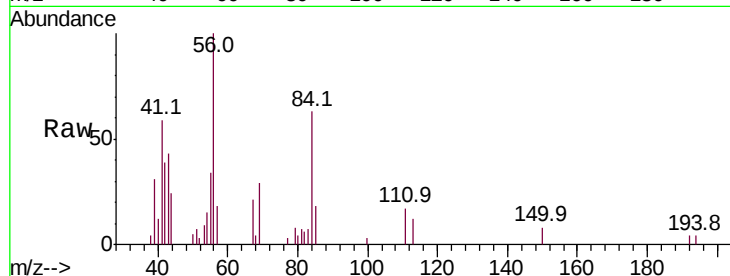




#31
Cyclohexane
Concen: 1.372 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

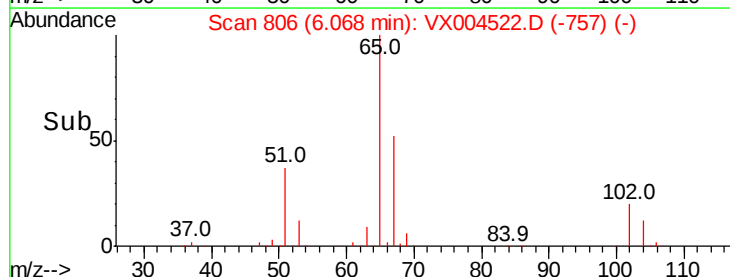
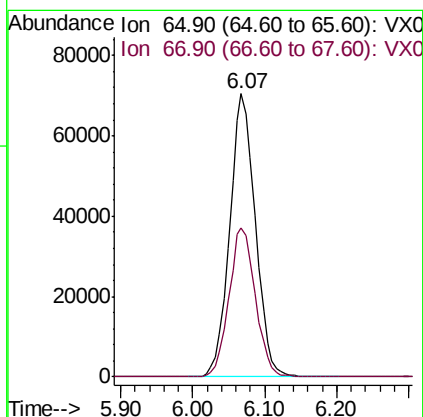
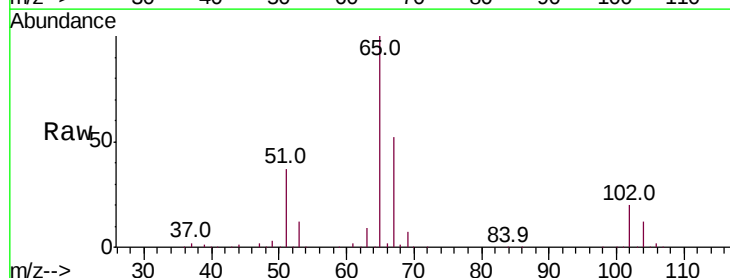
Instrument :
MSVOA_X
ClientSampleId :
C-MW-07-091118

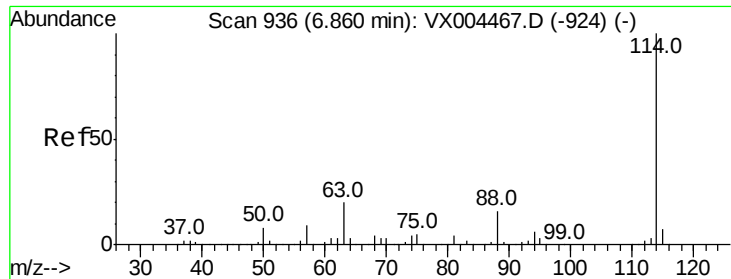
Tot Ion: 56 Resp: 6353
Ion Ratio Lower Upper
56 100
69 13.9 25.4 38.2#
84 66.8 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 54.480 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

Tgt Ion: 65 Resp: 174332
Ion Ratio Lower Upper
65 100
67 54.3 0.0 106.8

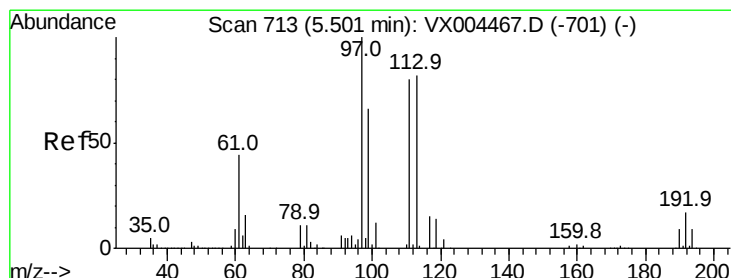
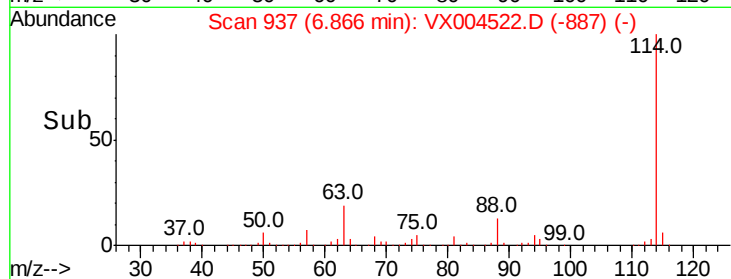
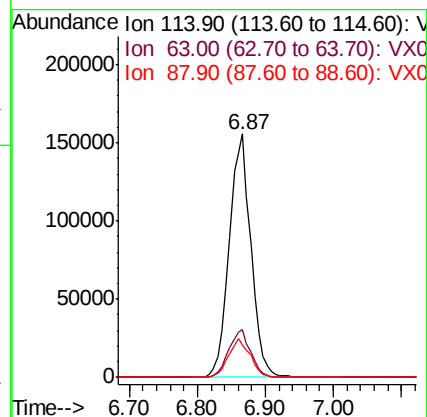
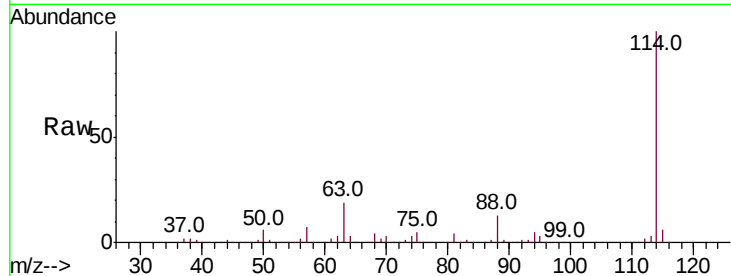




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004522.D
 Acq: 13 Sep 2018 17:55

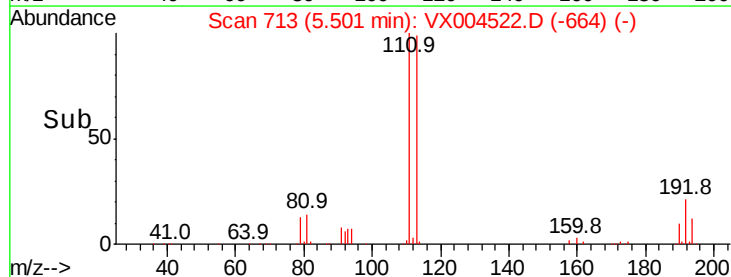
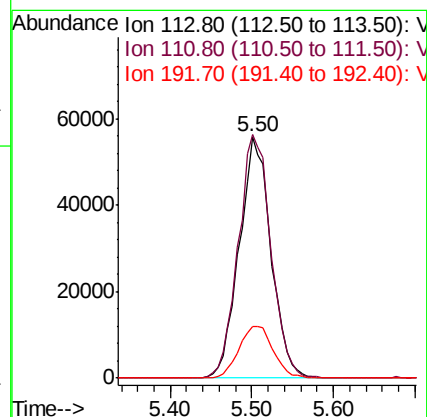
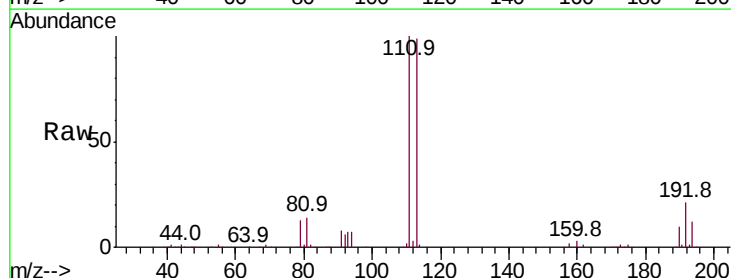
Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-07-091118

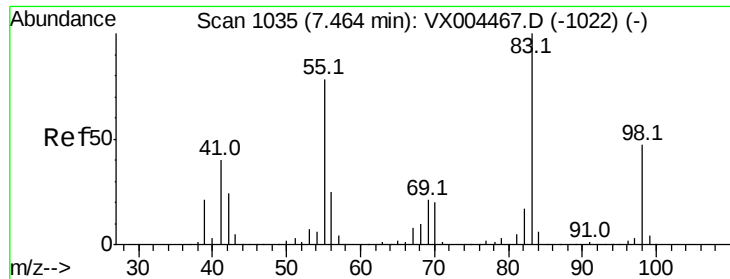
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	13.2	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 47.564 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004522.D
 Acq: 13 Sep 2018 17:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.4	123.6
192	23.3	19.4	29.2

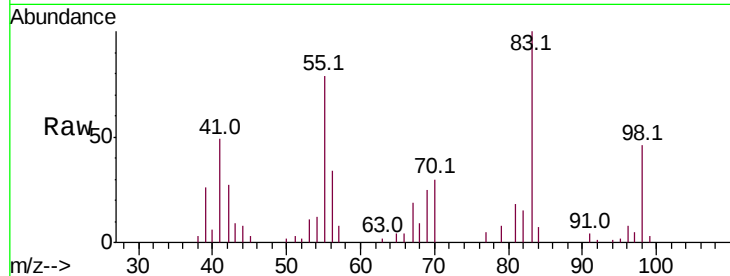




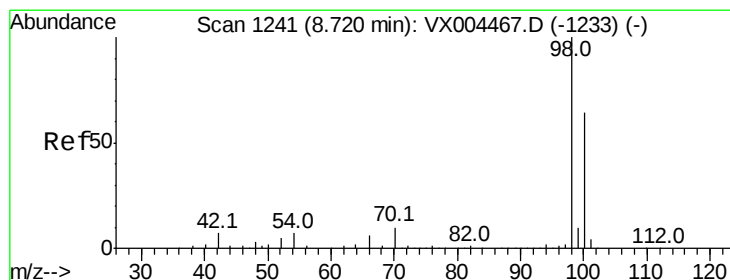
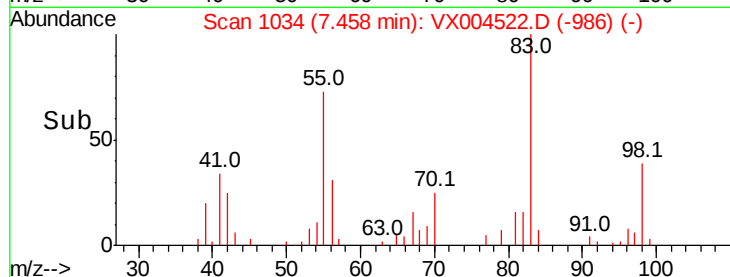
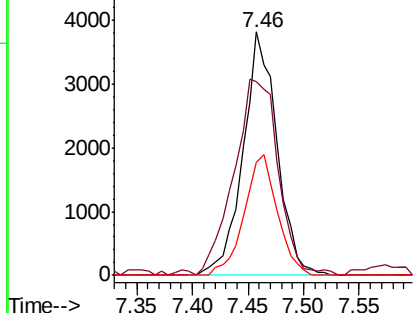
#39
Methvlcvclohexane
Concen: 1.860 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

Instrument :
MSVOA_X
ClientSampleId :
C-MW-07-091118

Tot Ion: 83 Resp: 8114
Ion Ratio Lower Upper
83 100
55 79.4 61.0 91.4
98 46.5 39.6 59.4

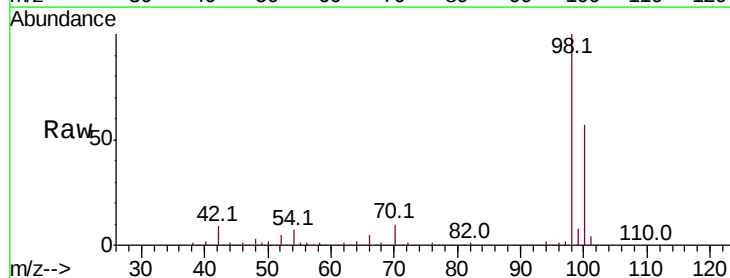


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

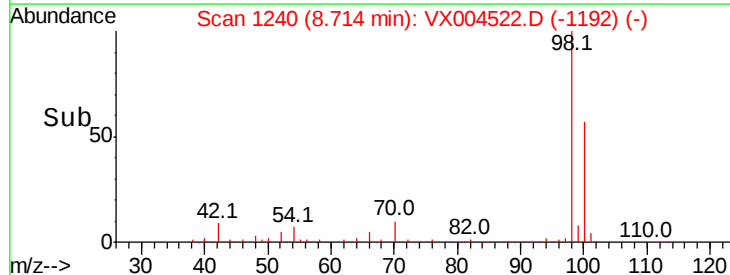
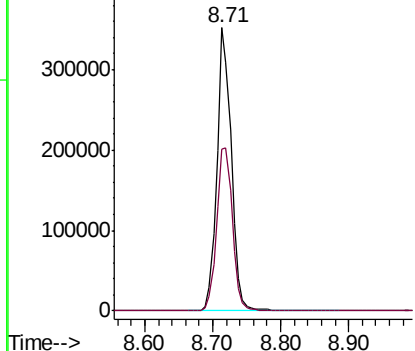


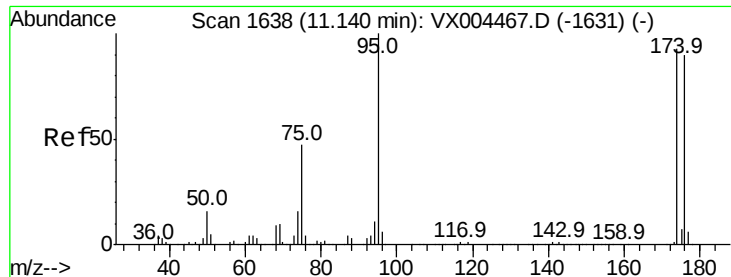
#50
Toluene-d8
Concen: 48.777 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

Tgt Ion: 98 Resp: 515335
Ion Ratio Lower Upper
98 100
100 63.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.469 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

C-MW-07-091118

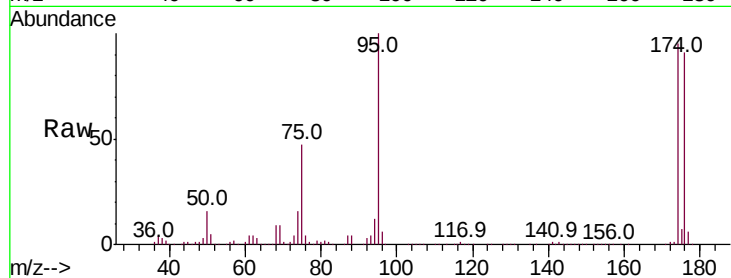
Tot Ion: 95 Resp: 175248

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.2

176 89.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004467.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004467.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004467.D (-1631) (-)

11.14

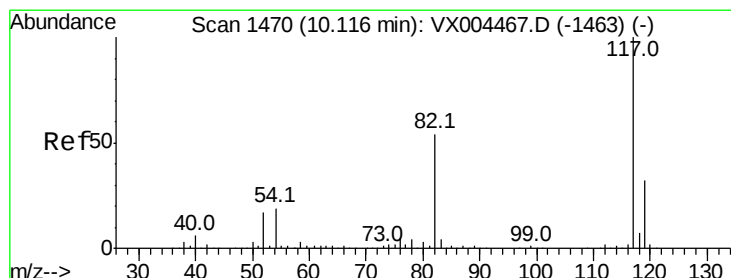
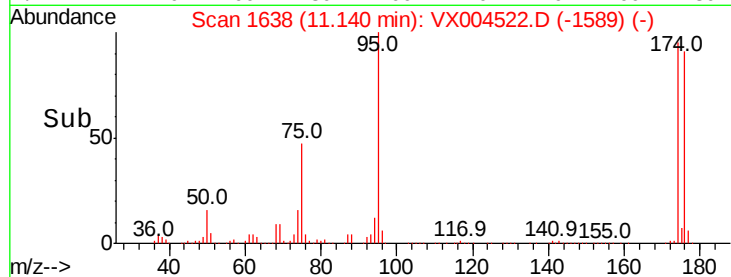
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

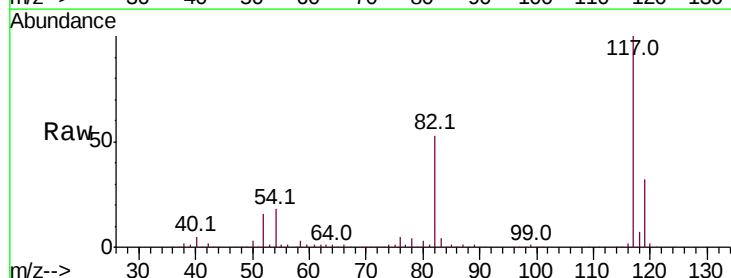
Tgt Ion: 117 Resp: 321837

Ion Ratio Lower Upper

117 100

82 53.3 47.8 71.6

119 32.5 29.3 43.9



Abundance Ion 116.90 (116.60 to 117.60): VX004467.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004467.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004467.D (-1463) (-)

10.12

300000

250000

200000

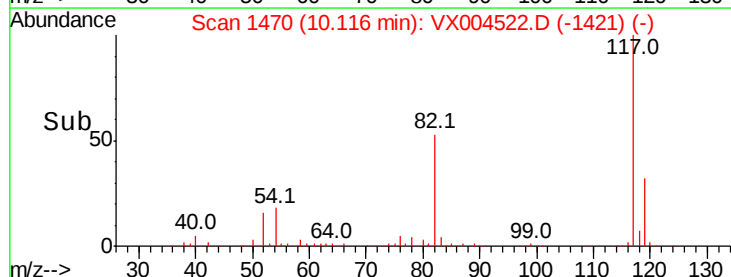
150000

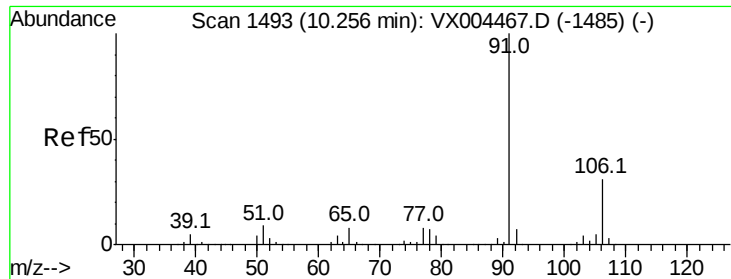
100000

50000

0

Time-->

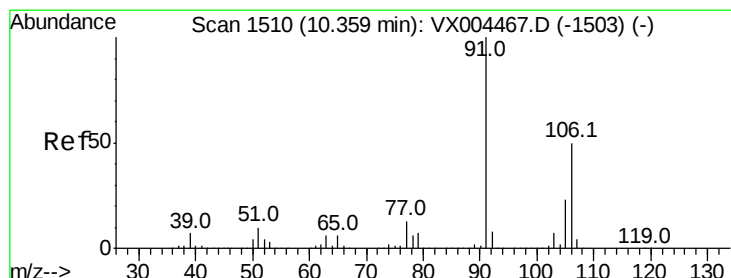
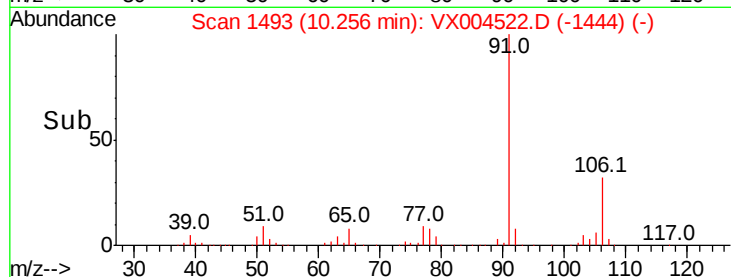
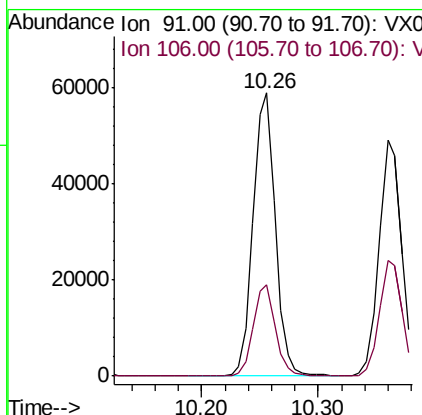
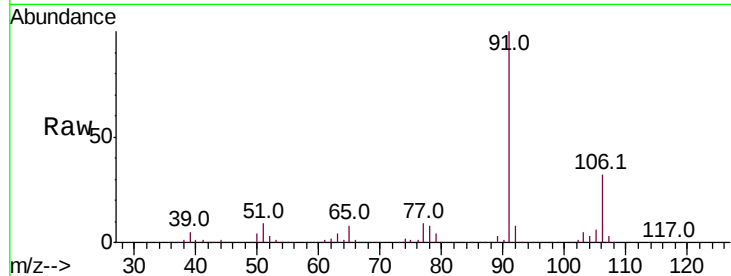




#67
Ethyl Benzene
Concen: 6.078 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

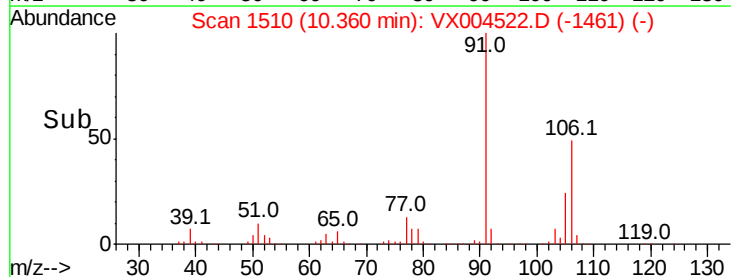
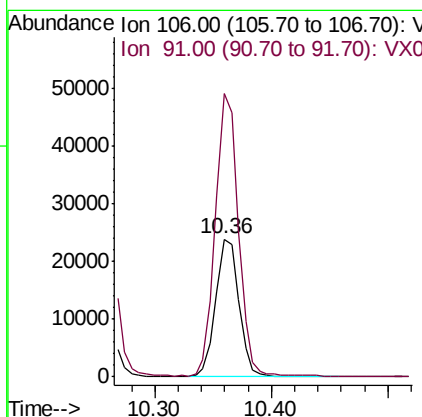
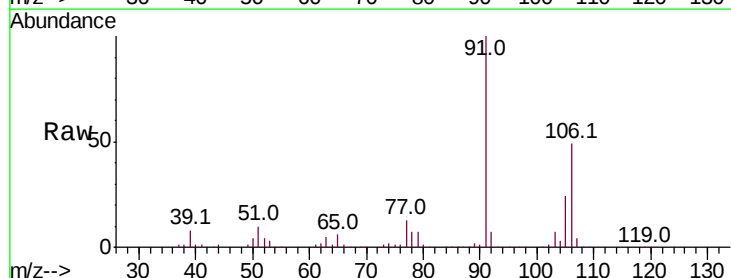
Instrument :
MSVOA_X
ClientSampled :
C-MW-07-091118

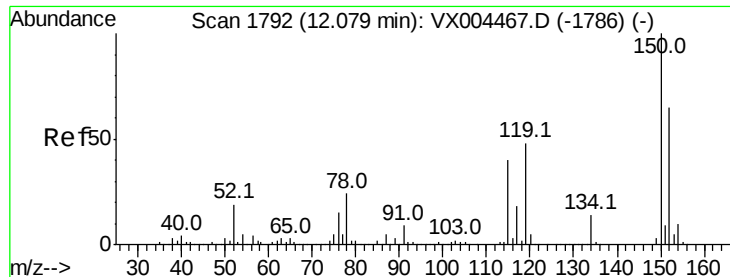
Tot Ion: 91 Resp: 79004
Ion Ratio Lower Upper
91 100
106 32.5 25.9 38.9



#68
m/p-Xylenes
Concen: 6.608 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

Tgt Ion:106 Resp: 33087
Ion Ratio Lower Upper
106 100
91 202.9 157.1 235.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

C-MW-07-091118

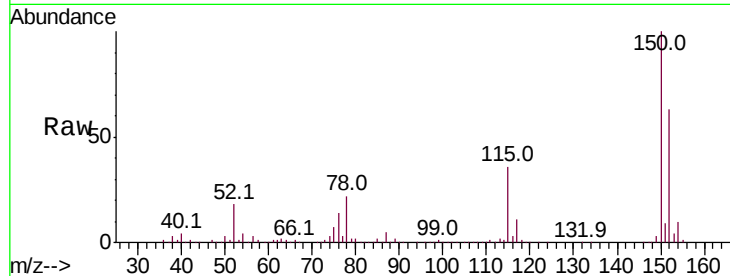
Tot Ion:152 Resp: 187671

Ion Ratio Lower Upper

152 100

115 55.3 39.0 117.0

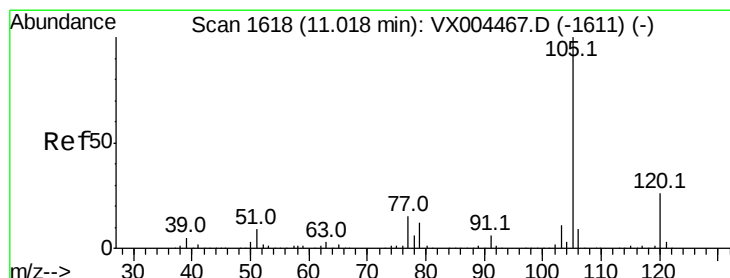
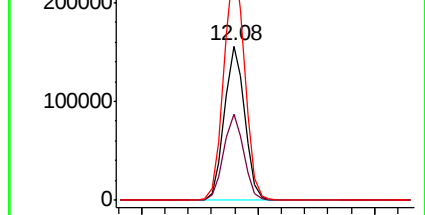
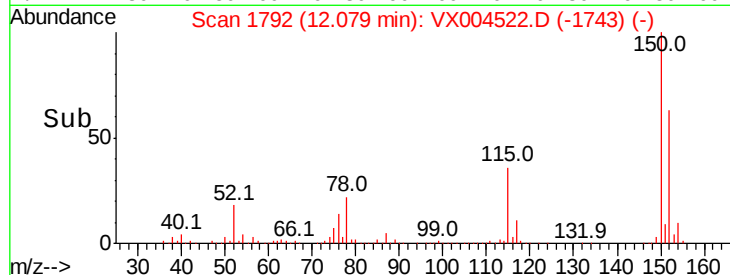
150 155.0 0.0 351.0



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: 3.377 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004522.D

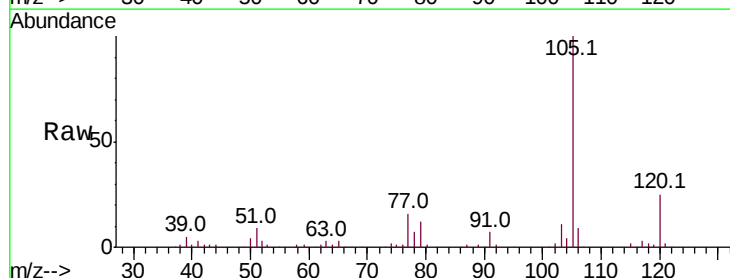
Acq: 13 Sep 2018 17:55

Tgt Ion:105 Resp: 41733

Ion Ratio Lower Upper

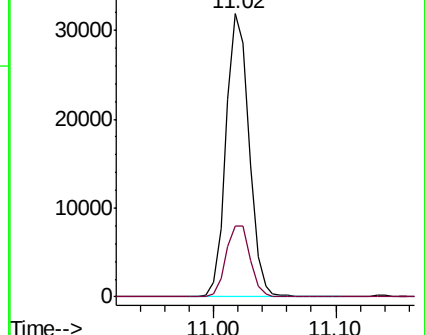
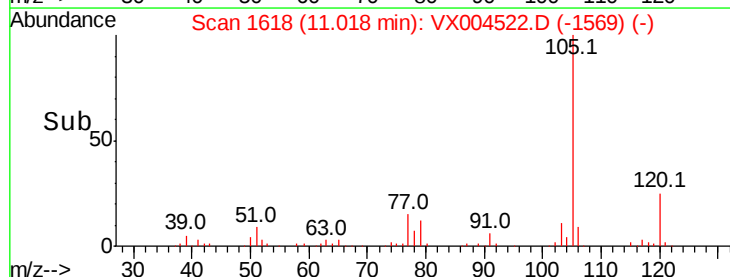
105 100

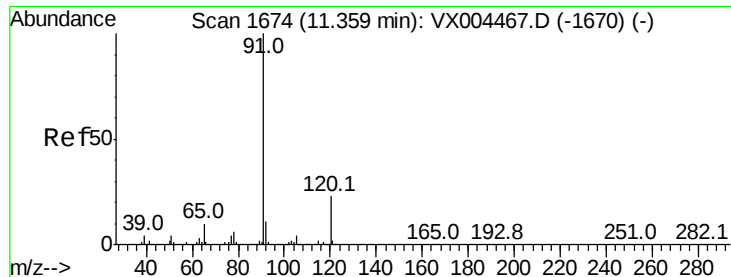
120 26.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 4.094 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004522.D

Acq: 13 Sep 2018 17:55

Instrument :

MSVOA_X

ClientSampleId :

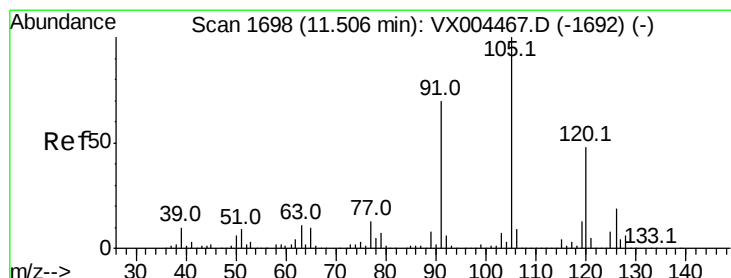
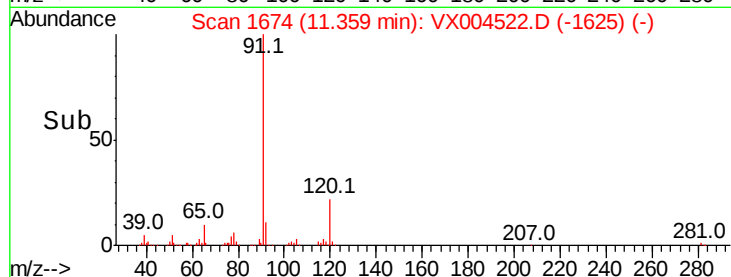
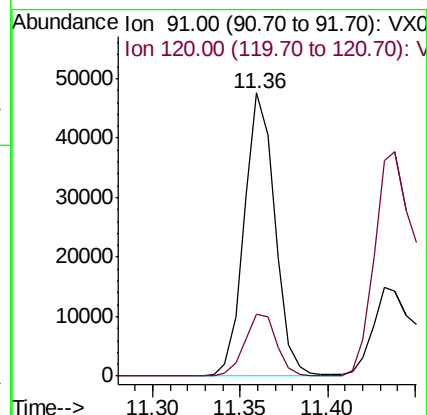
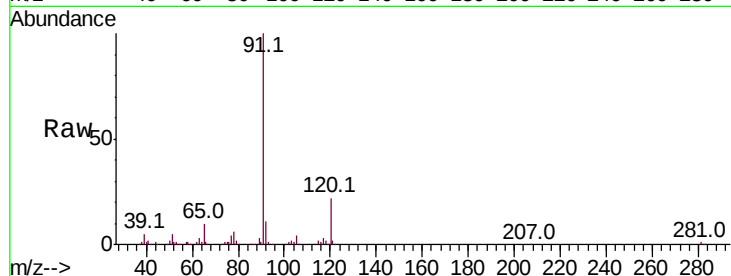
C-MW-07-091118

Tot Ion: 91 Resp: 58186

Ion Ratio Lower Upper

91 100

120 22.8 11.9 35.9



#80

1,3,5-Trimethylbenzene

Concen: 5.561 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004522.D

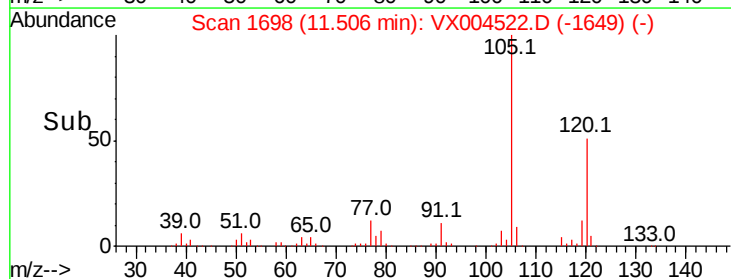
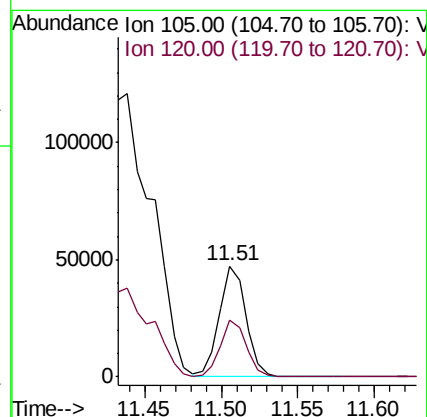
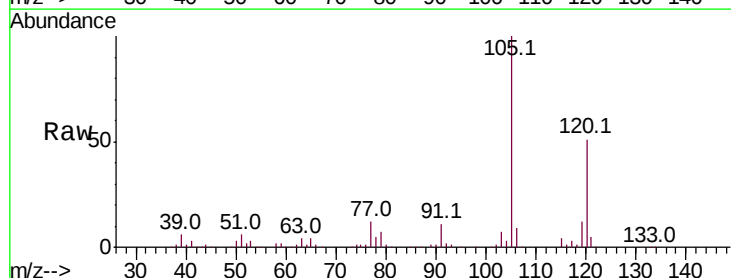
Acq: 13 Sep 2018 17:55

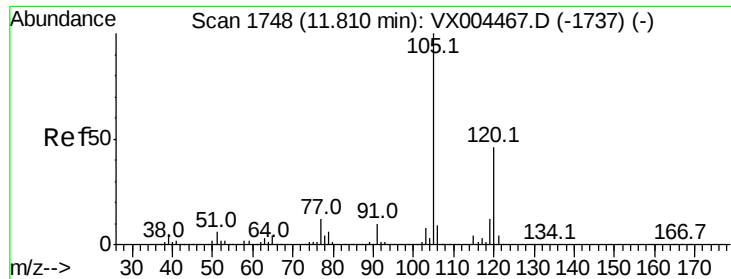
Tgt Ion:105 Resp: 57778

Ion Ratio Lower Upper

105 100

120 49.7 25.6 76.8

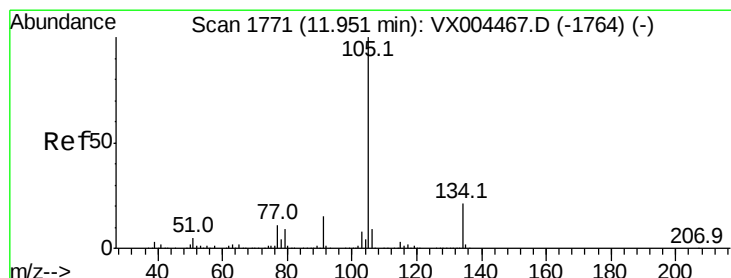
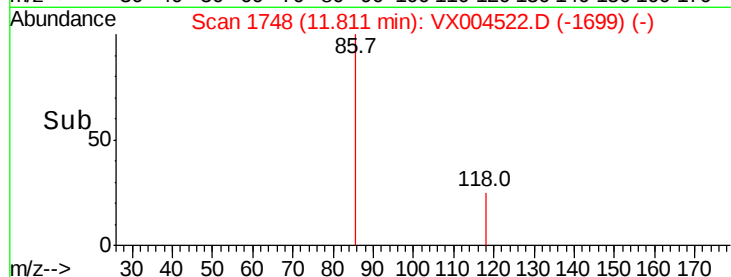
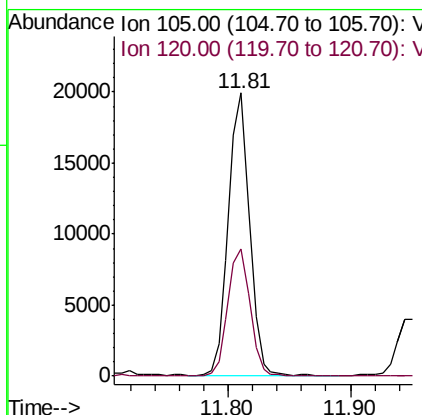
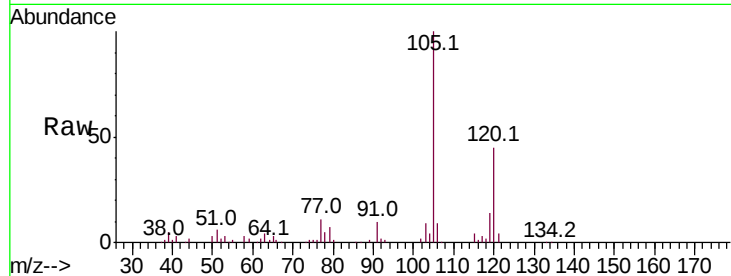




#84
 1,2,4-Trimethylbenzene
 Concen: 2.275 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004522.D
 Acq: 13 Sep 2018 17:55

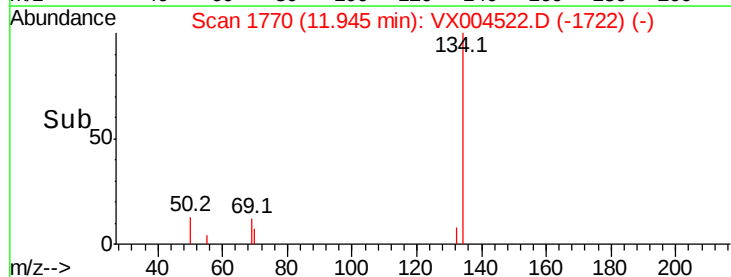
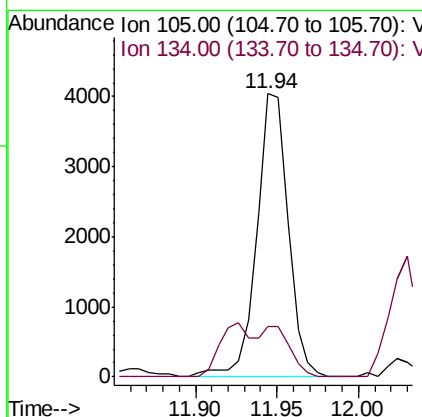
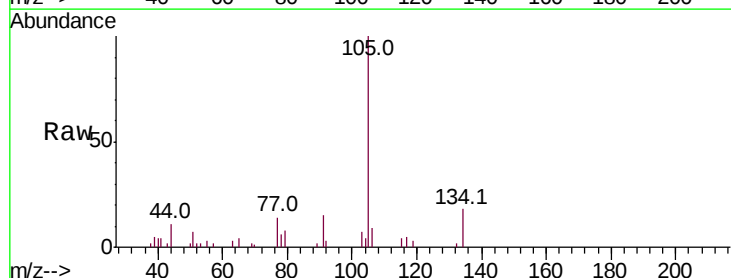
Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-07-091118

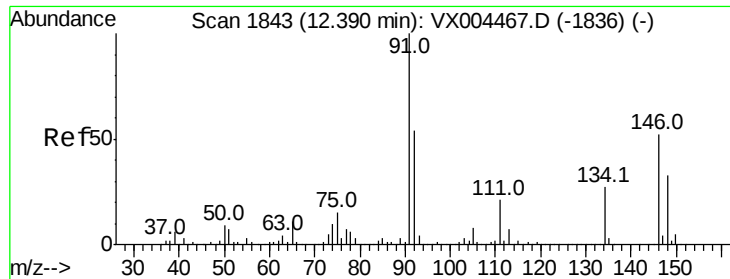
Tot Ion:105 Resp: 24134
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 0.432 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004522.D
 Acq: 13 Sep 2018 17:55

Tgt Ion:105 Resp: 5446
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.5 31.5

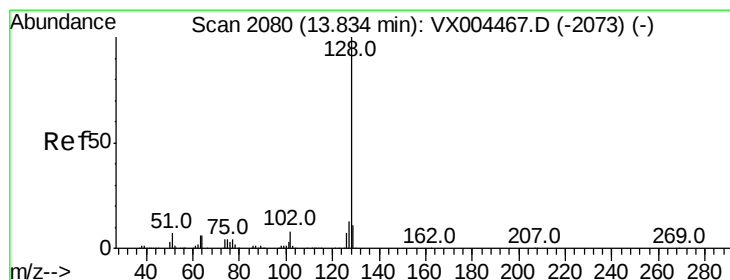
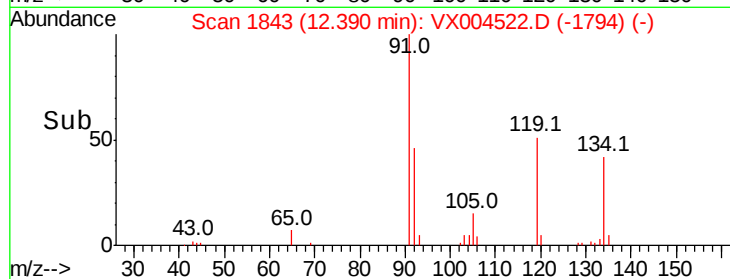
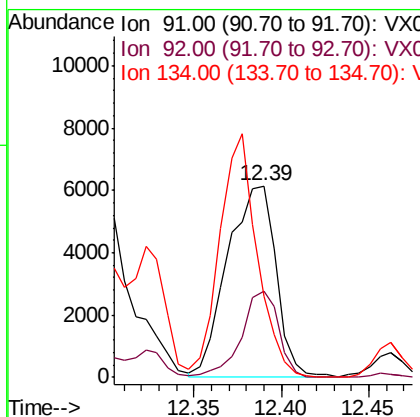
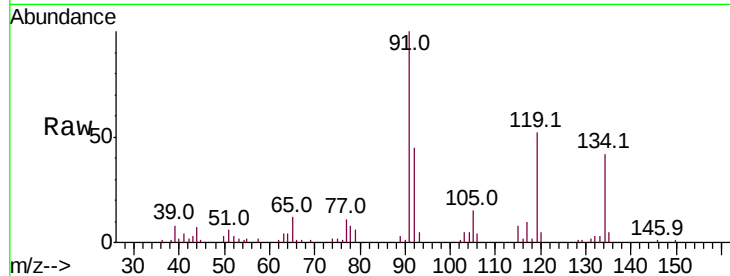




#89
n-Butylbenzene
Concen: 1.171 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

Instrument :
MSVOA_X
ClientSampleId :
C-MW-07-091118

Tot Ion: 91 Resp: 11882
Ion Ratio Lower Upper
91 100
92 34.3 27.3 81.9
134 97.9 13.6 40.7#



#95
Naphthalene
Concen: 4.762 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004522.D
Acq: 13 Sep 2018 17:55

Tgt Ion: 128 Resp: 61014
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.6 12.8

