

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006544.D
 Acq On : 15 Dec 2018 05:14
 Operator : JC/MD
 Sample : J6398-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-05_121218

Quant Time: Dec 17 12:19:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	648355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1044310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	957743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	461888	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	355264	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
35) Dibromofluoromethane	5.51	113	311649	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
50) Toluene-d8	8.71	98	1234107	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	452846	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	

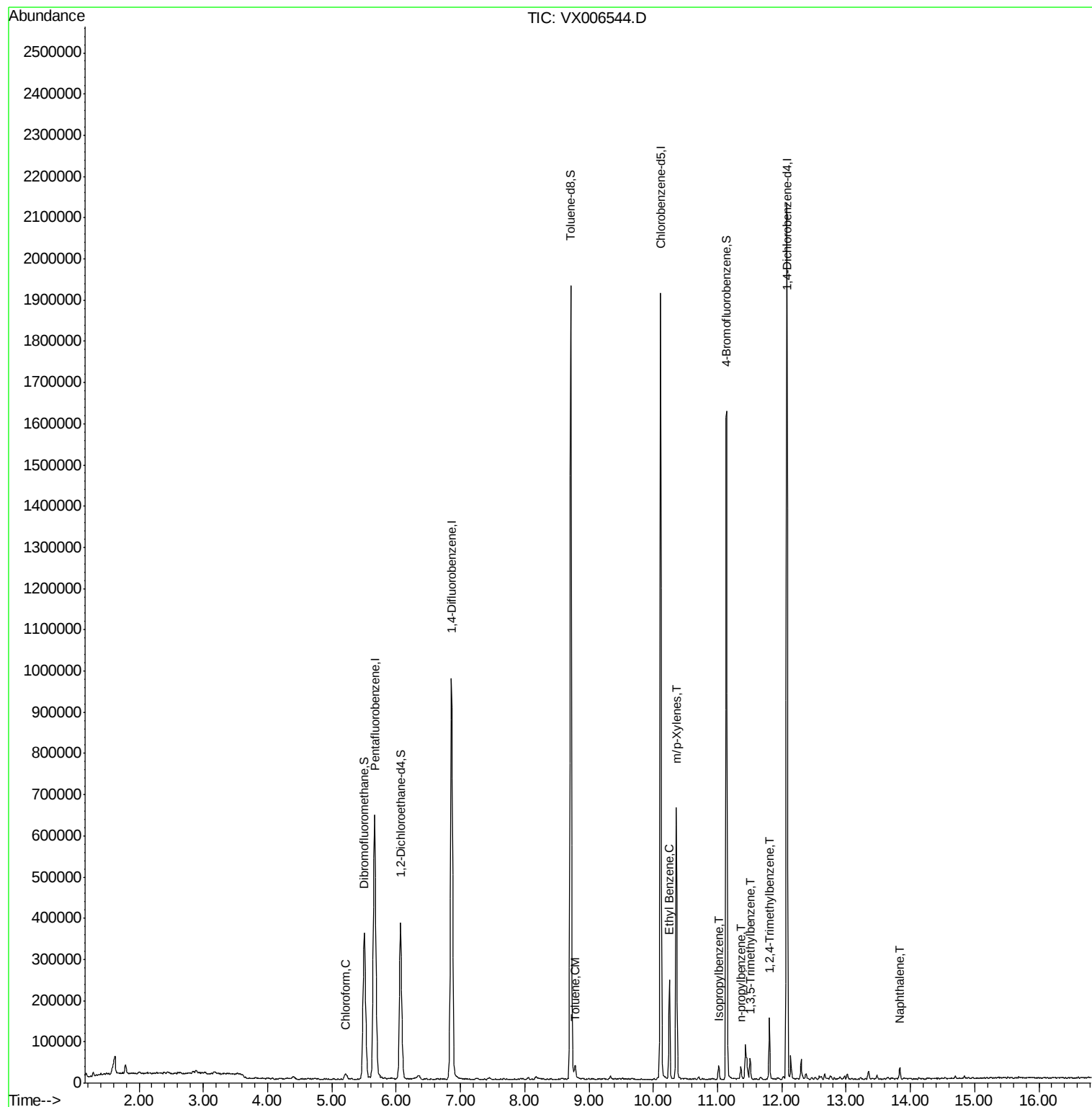
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Chloroform	5.21	83	14891	1.370	ug/l	92
52) Toluene	8.79	92	10636	0.614	ug/l	97
67) Ethyl Benzene	10.25	91	143716	4.250	ug/l	98
68) m/p-Xylenes	10.36	106	165618	12.227	ug/l	99
73) Isopropylbenzene	11.02	105	17503	0.549	ug/l	96
78) n-propylbenzene	11.36	91	13581	0.383	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	21564	0.813	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	66349	2.421	ug/l	97
95) Naphthalene	13.83	128	18141	0.511	ug/l	99

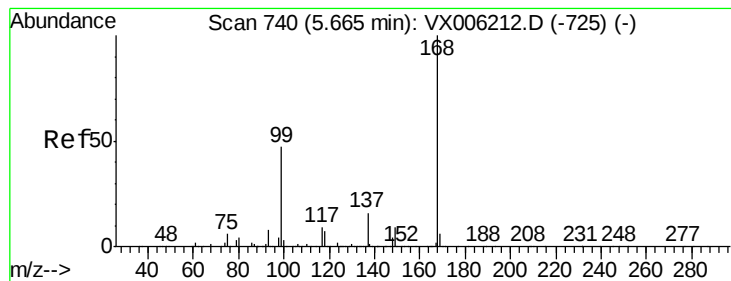
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 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: VX006544.D

Acq: 15 Dec 2018 05:14

Instrument :

MSVOA_X

ClientSampleId :

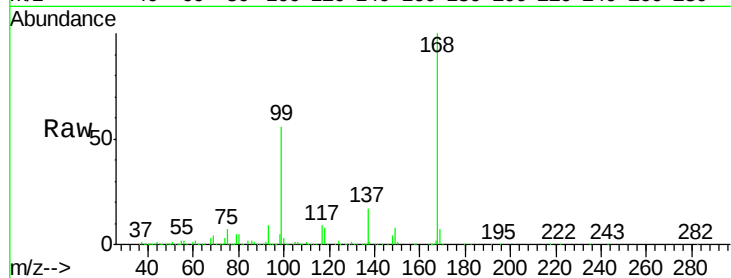
PR-MW-05_121218

Tgt Ion:168 Resp: 648355

Ion Ratio Lower Upper

168 100

99 56.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

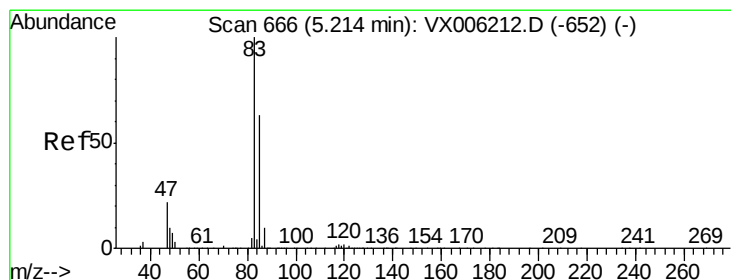
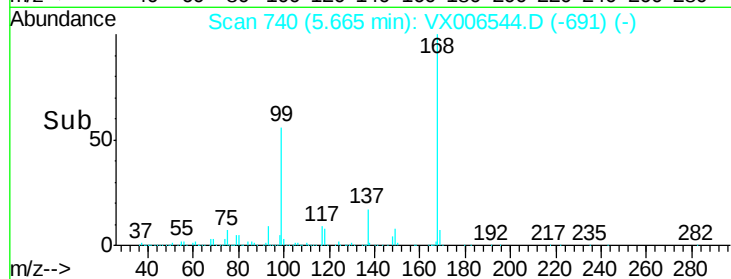
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.370 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006544.D

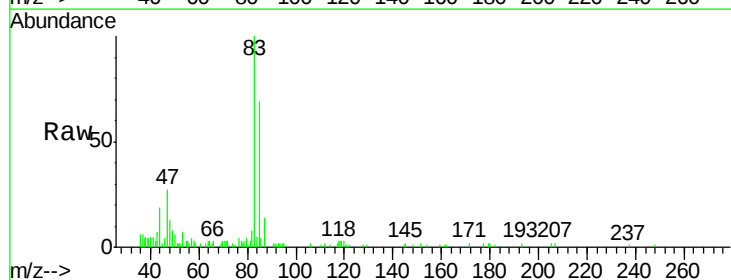
Acq: 15 Dec 2018 05:14

Tgt Ion: 83 Resp: 14891

Ion Ratio Lower Upper

83 100

85 68.7 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

5000

4000

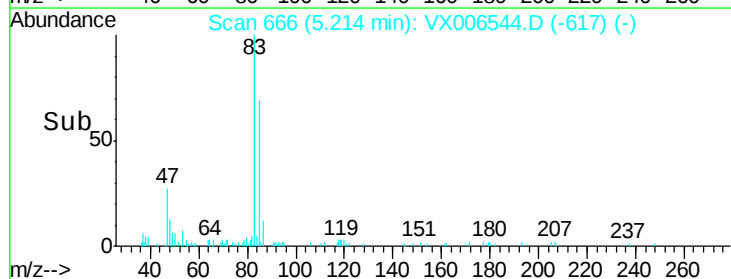
3000

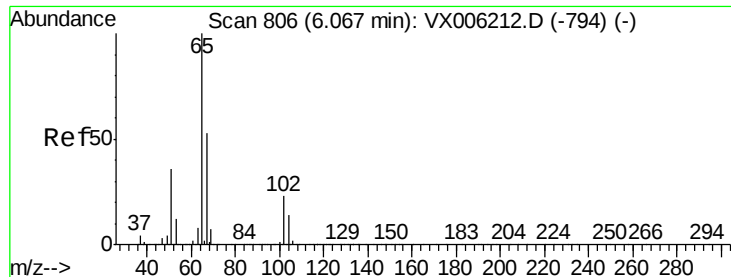
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.676 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006544.D

Acq: 15 Dec 2018 05:14

Instrument :

MSVOA_X

ClientSampleId :

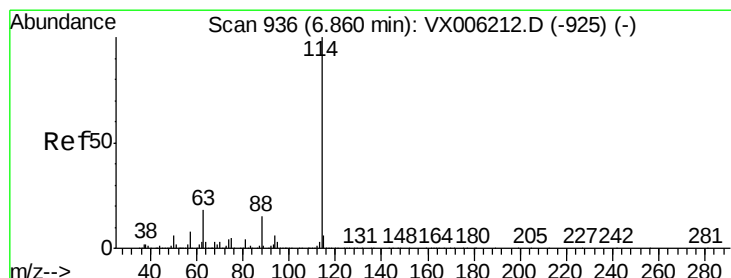
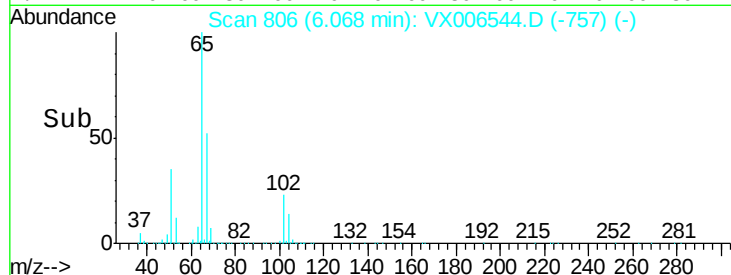
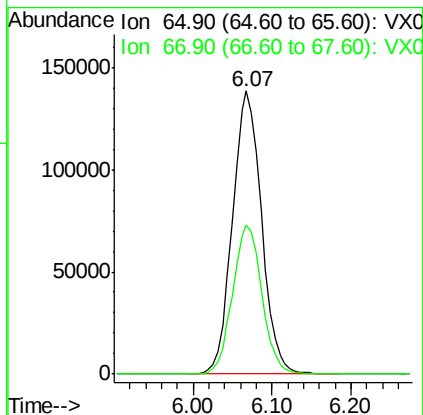
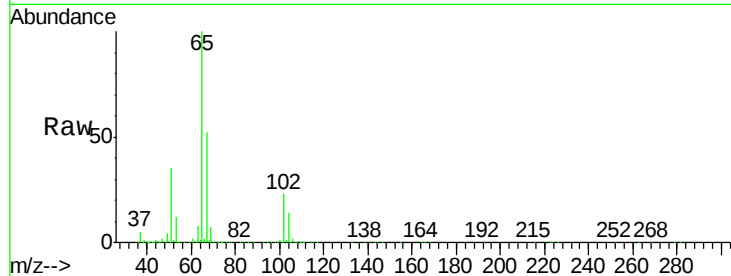
PR-MW-05_121218

Tgt Ion: 65 Resp: 355264

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006544.D

Acq: 15 Dec 2018 05:14

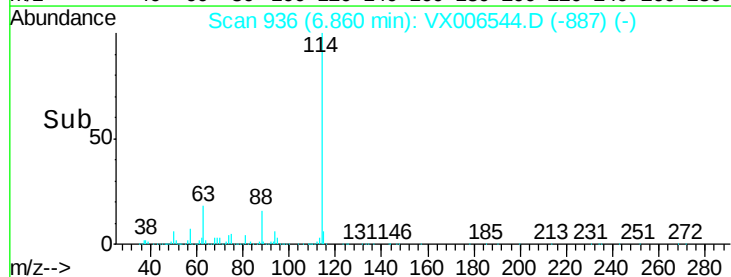
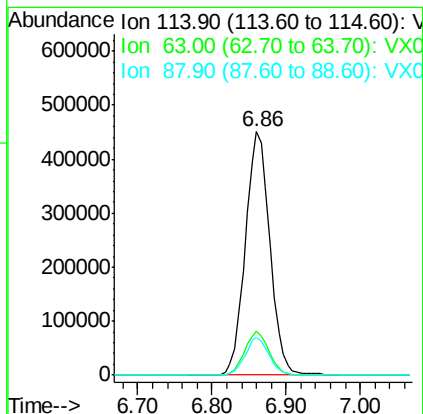
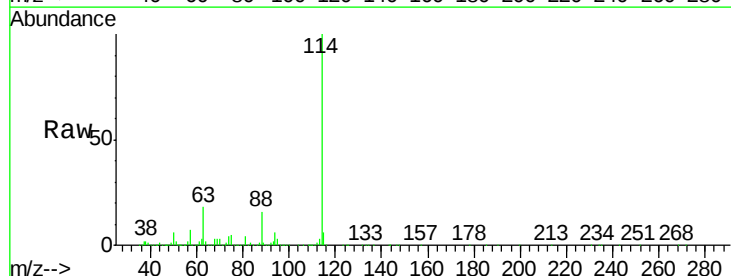
Tgt Ion: 114 Resp: 1044310

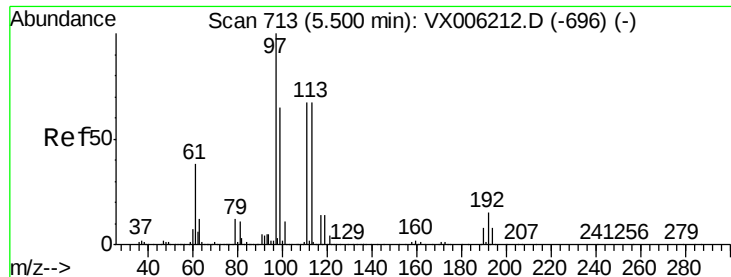
Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.6

88 15.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.092 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006544.D

Acq: 15 Dec 2018 05:14

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-05_121218

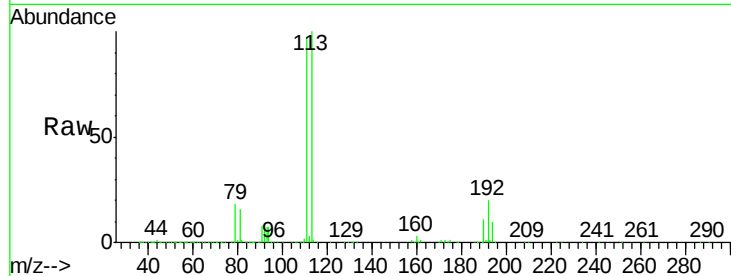
Tgt Ion:113 Resp: 311649

Ion Ratio Lower Upper

113 100

111 100.0 81.1 121.7

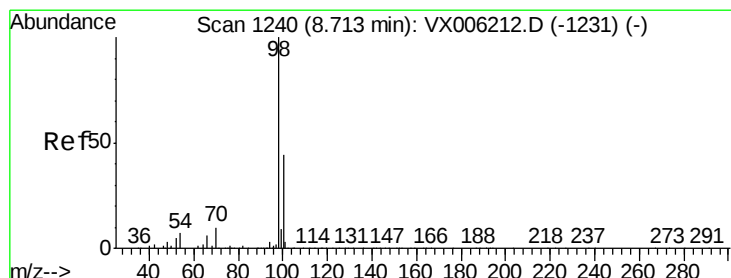
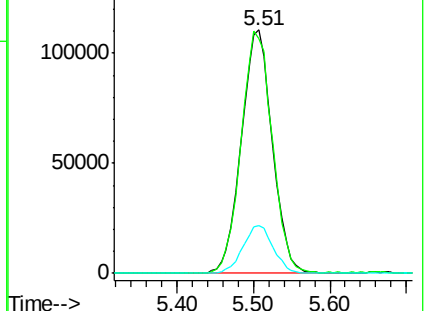
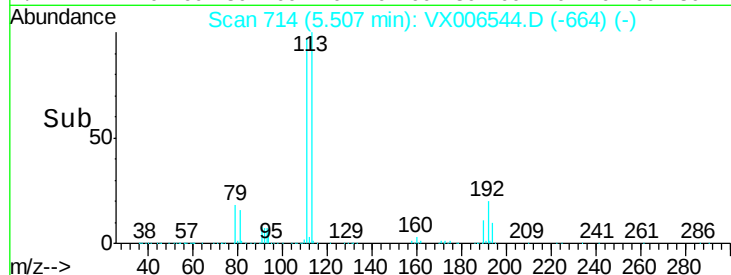
192 19.3 18.2 27.2



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



#50

Toluene-d8

Concen: 50.178 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006544.D

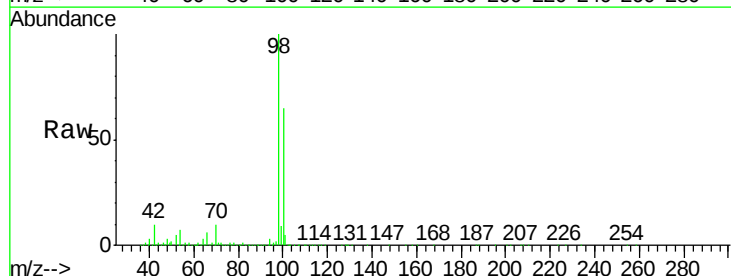
Acq: 15 Dec 2018 05:14

Tgt Ion: 98 Resp: 1234107

Ion Ratio Lower Upper

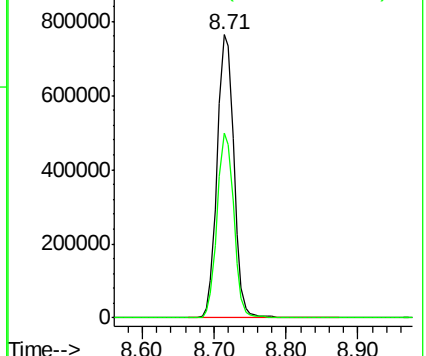
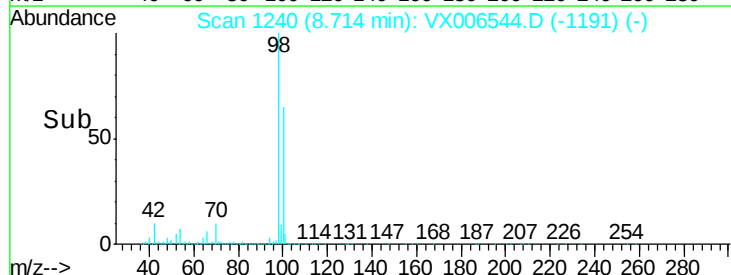
98 100

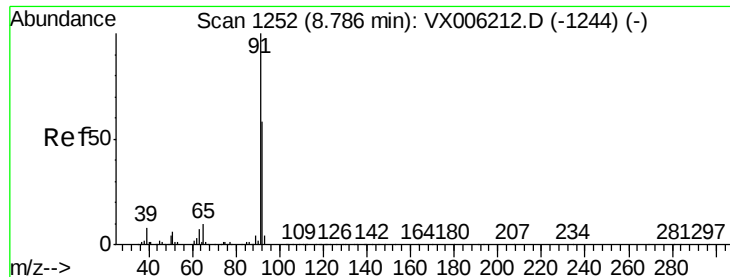
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.614 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006544.D

Acq: 15 Dec 2018 05:14

Instrument :

MSVOA_X

ClientSampleId :

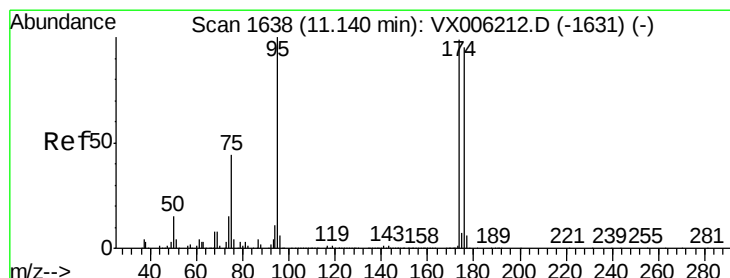
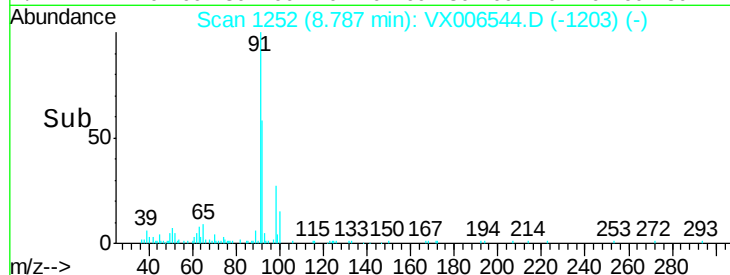
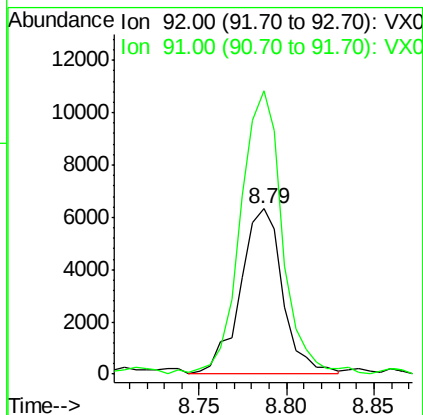
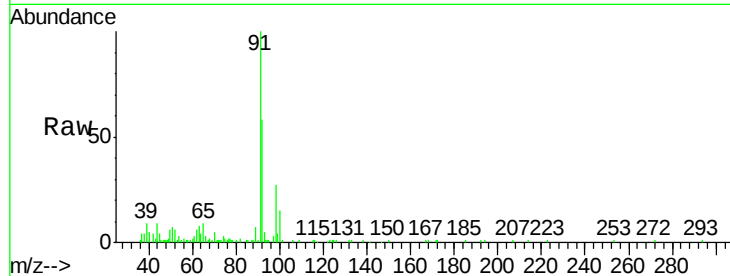
PR-MW-05_121218

Tgt Ion: 92 Resp: 10636

Ion Ratio Lower Upper

92 100

91 170.1 139.2 208.8



#62

4-Bromofluorobenzene

Concen: 48.862 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006544.D

Acq: 15 Dec 2018 05:14

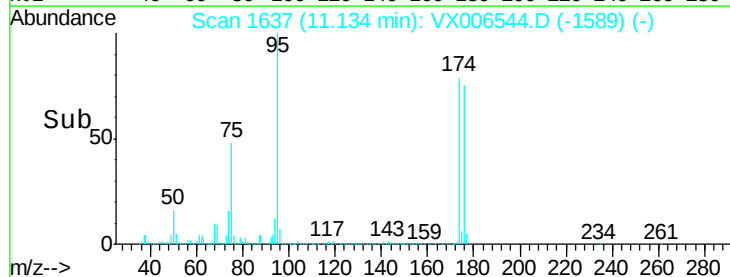
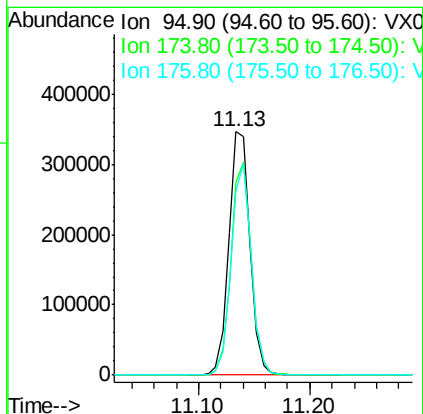
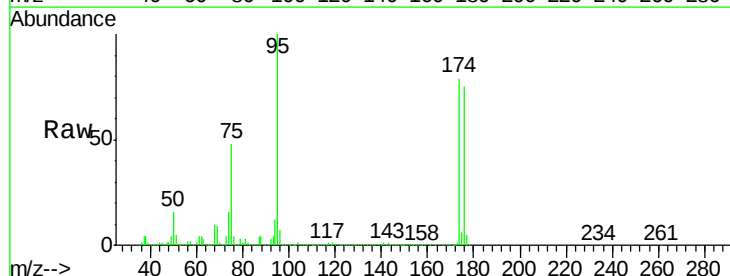
Tgt Ion: 95 Resp: 452846

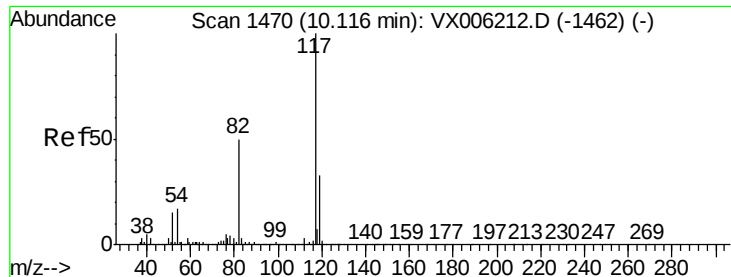
Ion Ratio Lower Upper

95 100

174 84.5 0.0 187.0

176 82.8 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006544.D

Acq: 15 Dec 2018 05:14

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-05_121218

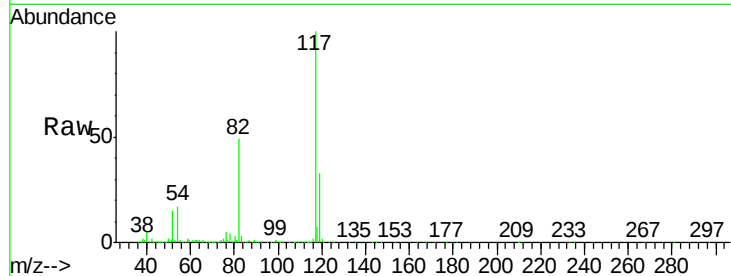
Tgt Ion:117 Resp: 957743

Ion Ratio Lower Upper

117 100

82 49.0 39.6 59.4

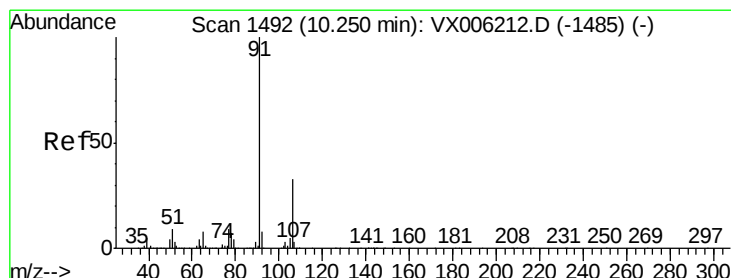
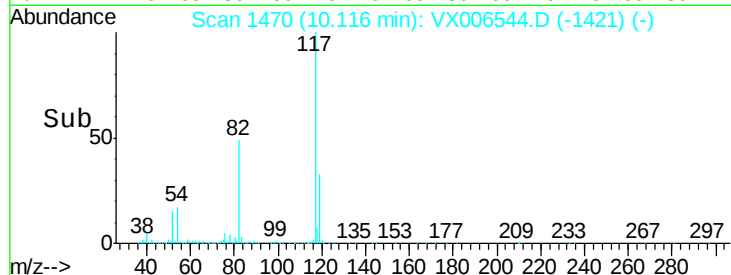
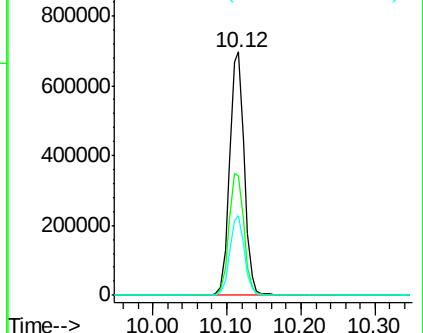
119 32.7 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 4.250 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006544.D

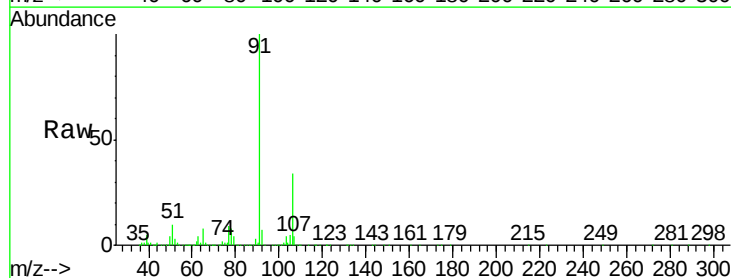
Acq: 15 Dec 2018 05:14

Tgt Ion: 91 Resp: 143716

Ion Ratio Lower Upper

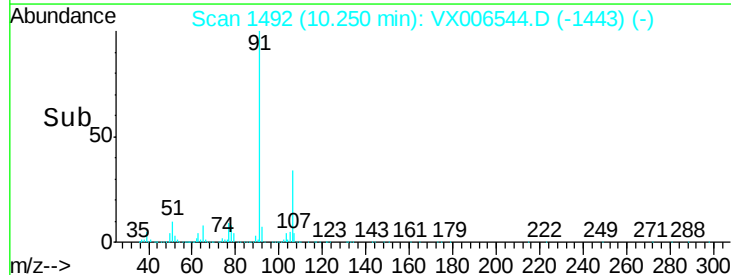
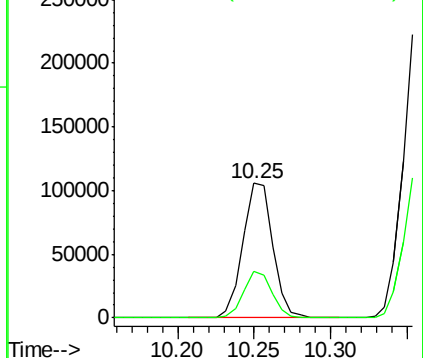
91 100

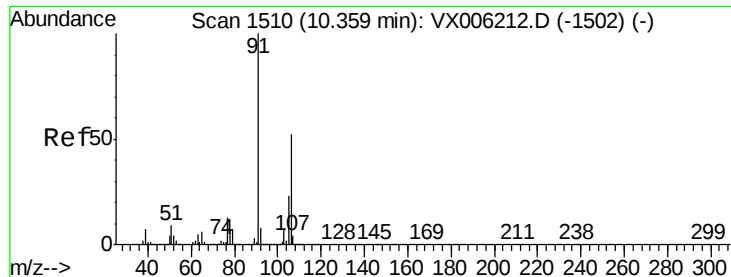
106 34.2 26.5 39.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 12.227 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006544.D

Acq: 15 Dec 2018 05:14

Instrument :

MSVOA_X

ClientSampleId :

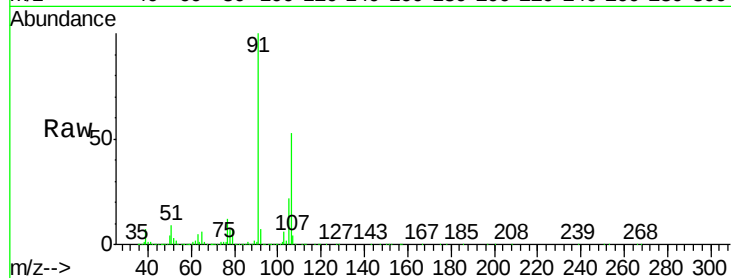
PR-MW-05_121218

Tgt Ion:106 Resp: 165618

Ion Ratio Lower Upper

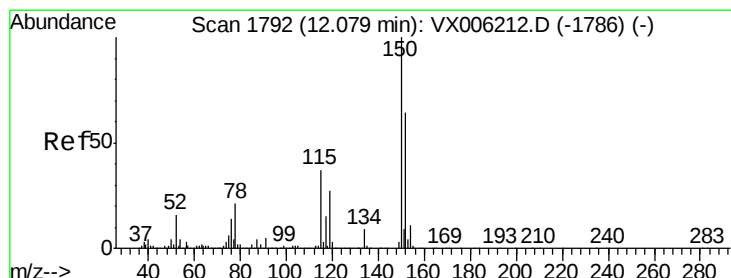
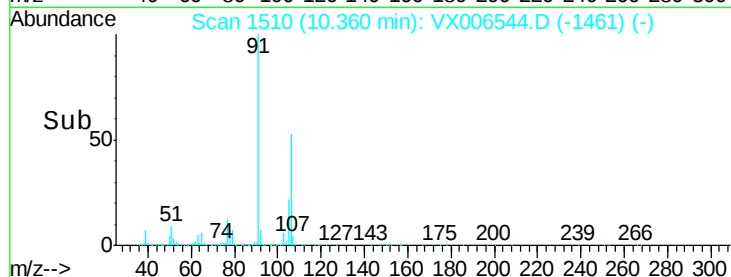
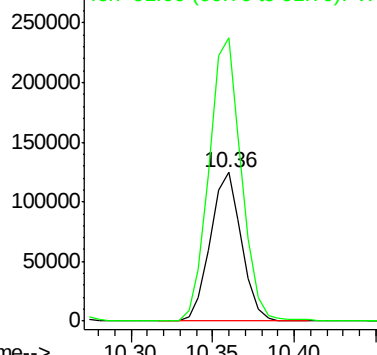
106 100

91 196.1 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006544.D

Acq: 15 Dec 2018 05:14

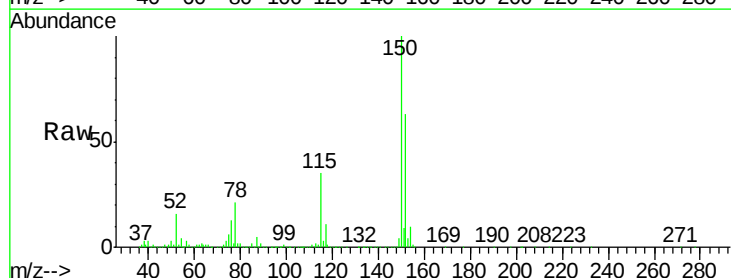
Tgt Ion:152 Resp: 461888

Ion Ratio Lower Upper

152 100

115 57.0 39.0 116.9

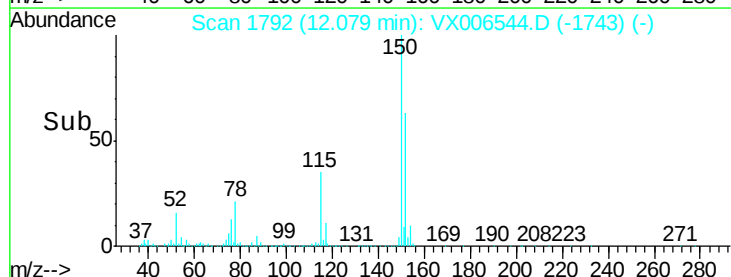
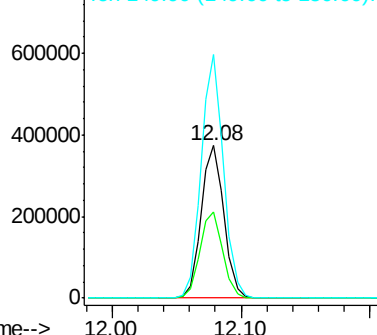
150 156.2 0.0 345.8

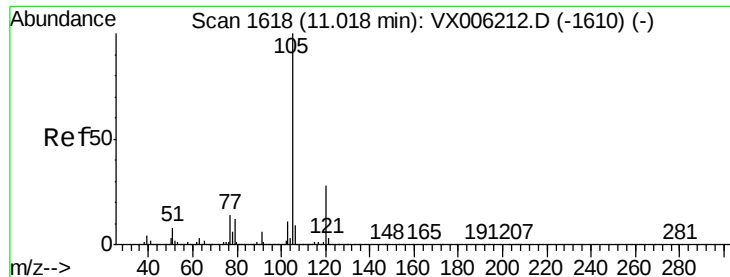


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.549 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006544.D

Acq: 15 Dec 2018 05:14

Instrument :

MSVOA_X

ClientSampleId :

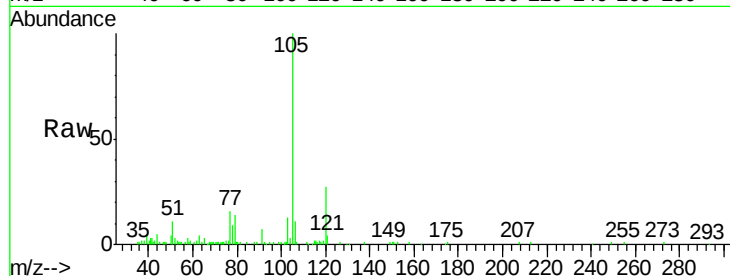
PR-MW-05_121218

Tgt Ion: 105 Resp: 17503

Ion Ratio Lower Upper

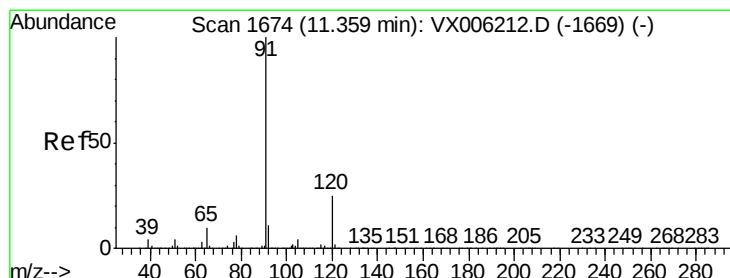
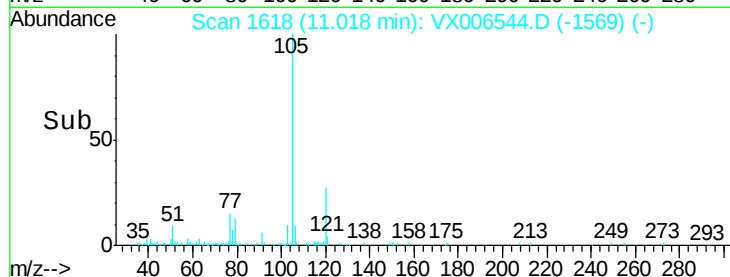
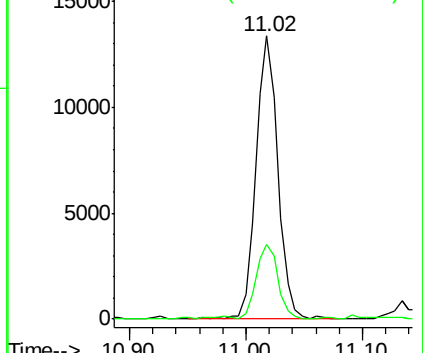
105 100

120 26.1 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.383 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006544.D

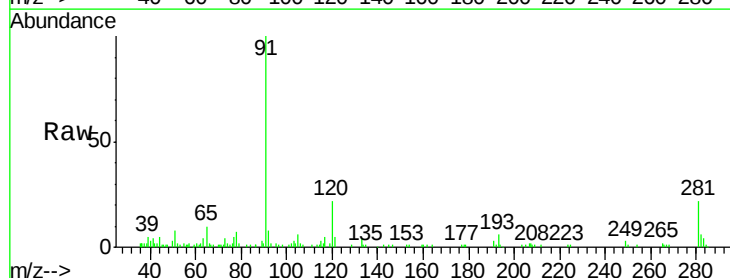
Acq: 15 Dec 2018 05:14

Tgt Ion: 91 Resp: 13581

Ion Ratio Lower Upper

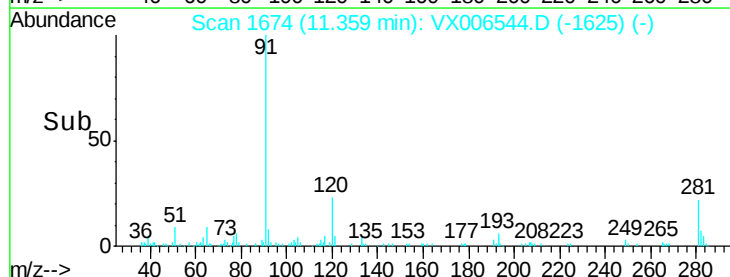
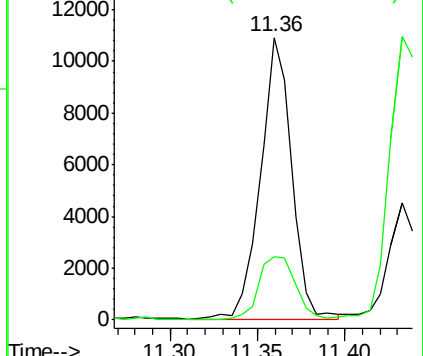
91 100

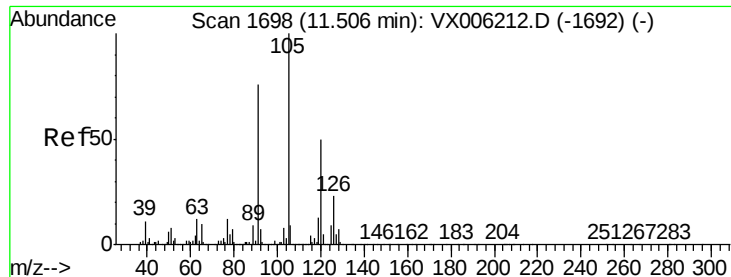
120 26.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

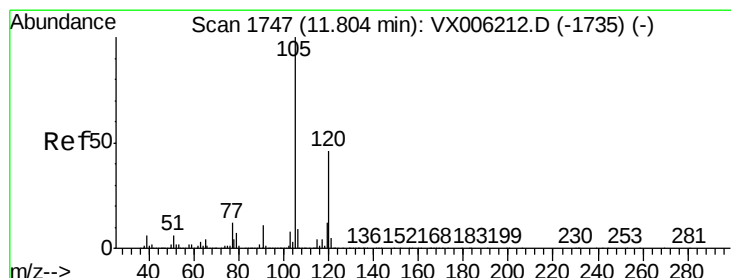
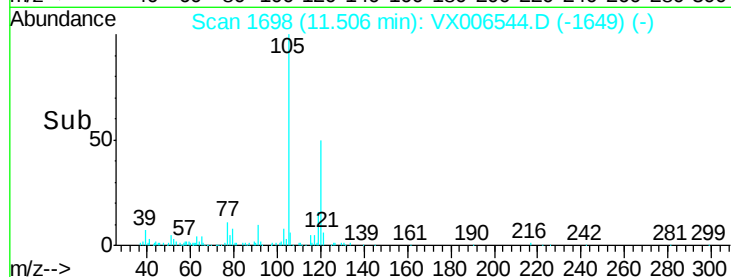
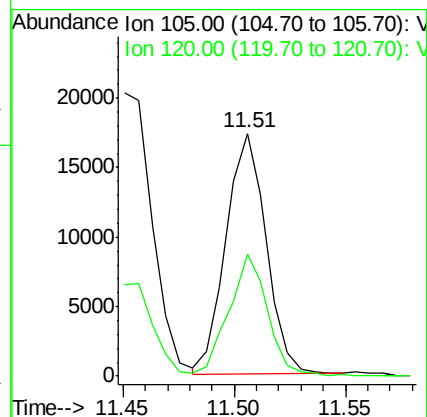
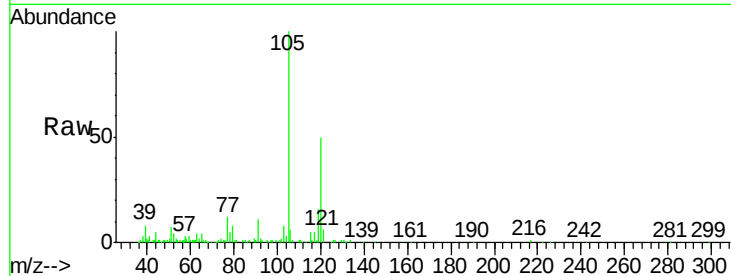




#80
 1,3,5-Trimethylbenzene
 Concen: 0.813 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006544.D
 Acq: 15 Dec 2018 05:14

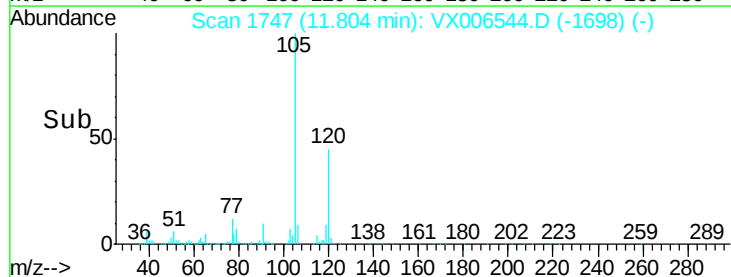
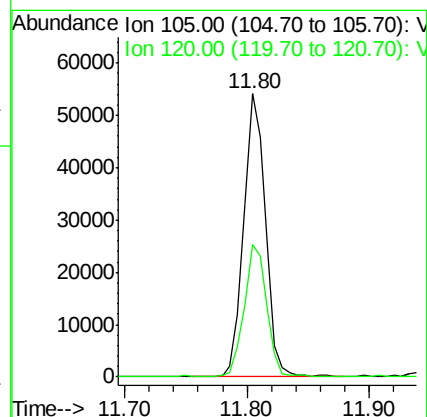
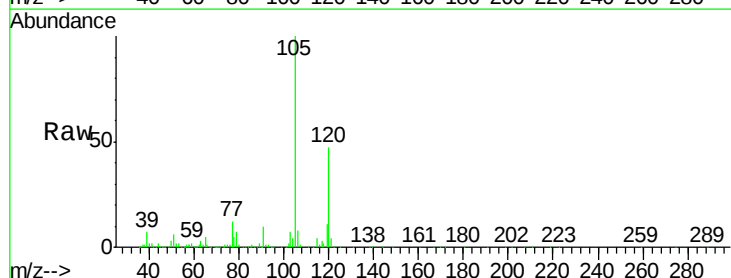
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-05_121218

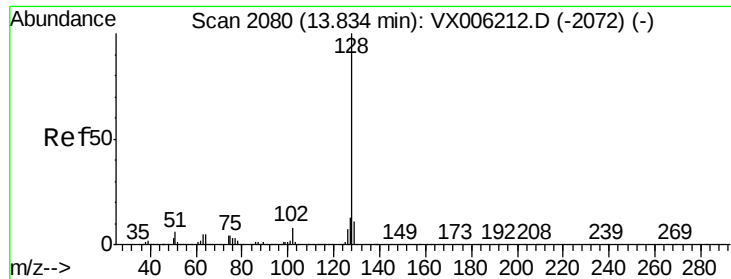
Tgt Ion:105 Resp: 21564
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.4 76.0



#84
 1,2,4-Trimethylbenzene
 Concen: 2.421 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006544.D
 Acq: 15 Dec 2018 05:14

Tgt Ion:105 Resp: 66349
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.4 70.0

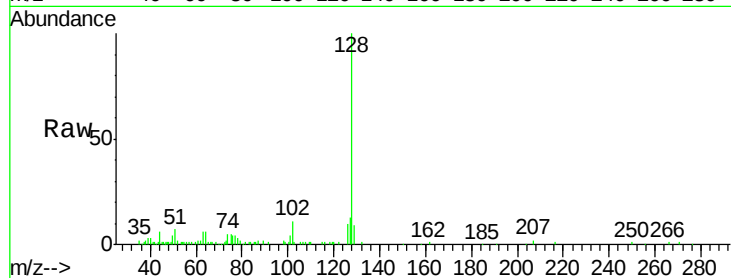




#95
Naphthalene
Concen: 0.511 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006544.D
Acq: 15 Dec 2018 05:14

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05_121218

Tgt Ion:128 Resp: 18141
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 11.3 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

