

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014546.D
 Acq On : 10 Jan 2020 18:41
 Operator : JC/SP
 Sample : L1080-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Jan 11 00:20:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

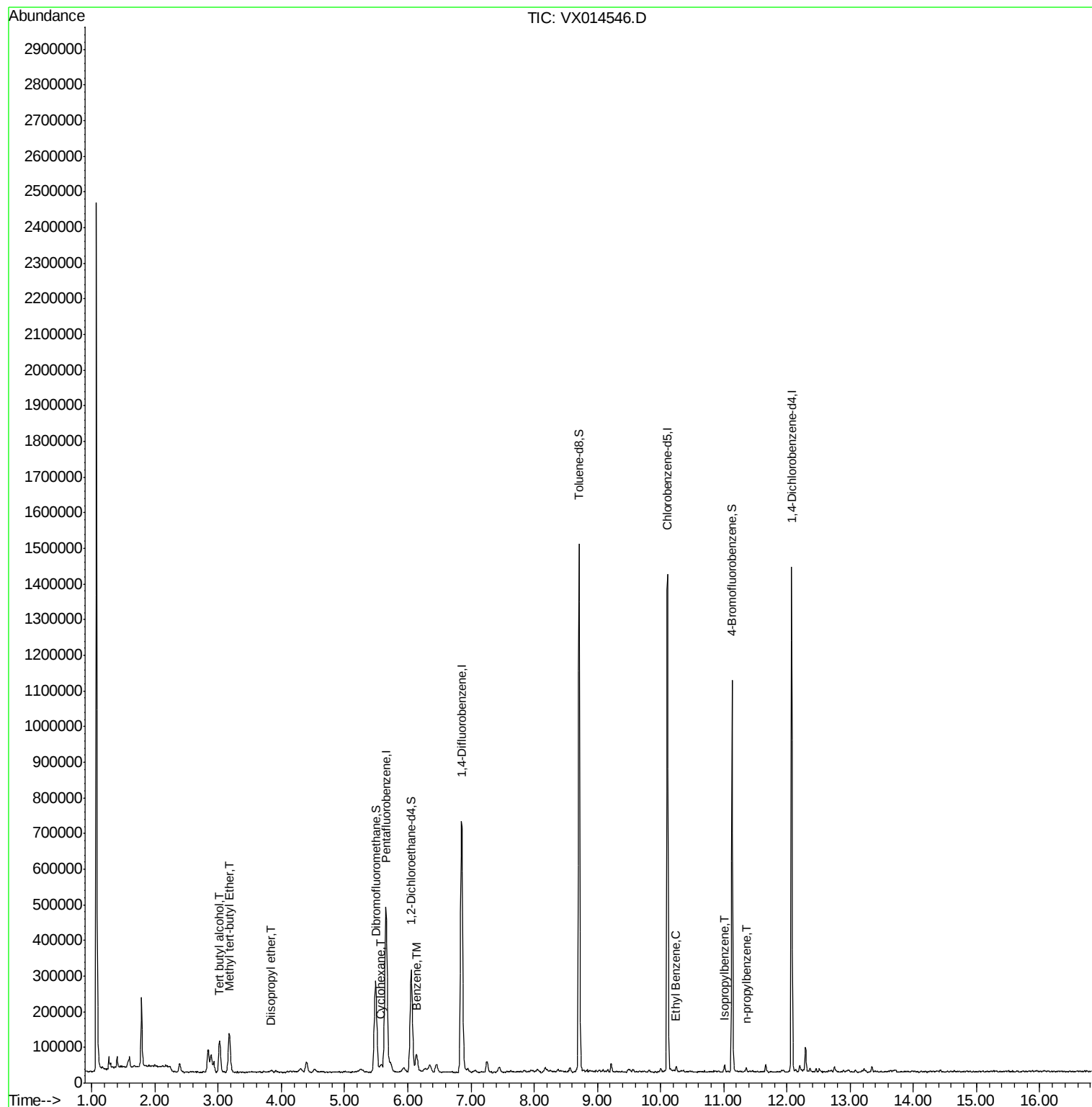
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	475764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	734363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	659814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	301077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	266147	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
35) Dibromofluoromethane	5.49	113	220753	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	8.71	98	874093	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.14	95	292234	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.02	59	106705	96.221	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	60682	4.023	ug/l #	24
22) Diisopropyl ether	3.84	45	6640	0.416	ug/l #	81
31) Cyclohexane	5.57	56	16255	2.002	ug/l #	84
40) Benzene	6.14	78	62671	3.058	ug/l	93
67) Ethyl Benzene	10.25	91	10828	0.444	ug/l	95
73) Isopropylbenzene	11.01	105	9566	0.452	ug/l	91
78) n-propylbenzene	11.35	91	8344	0.345	ug/l	88

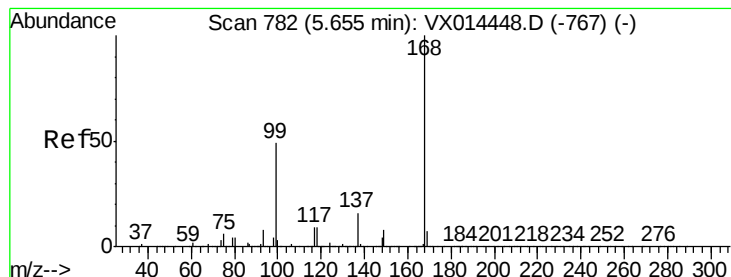
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011020\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014546.D

Acq: 10 Jan 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

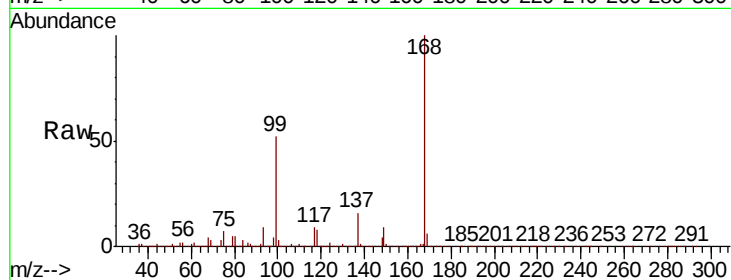
MW-7

Tot Ion:168 Resp: 475764

Ion Ratio Lower Upper

168 100

99 51.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

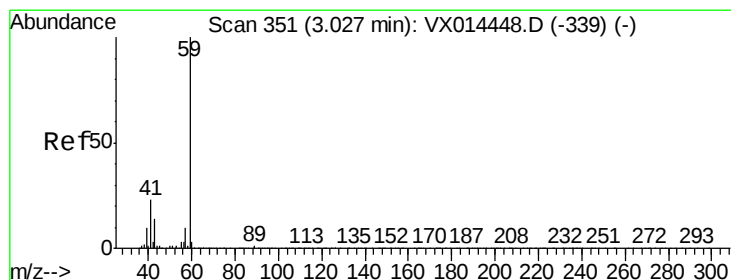
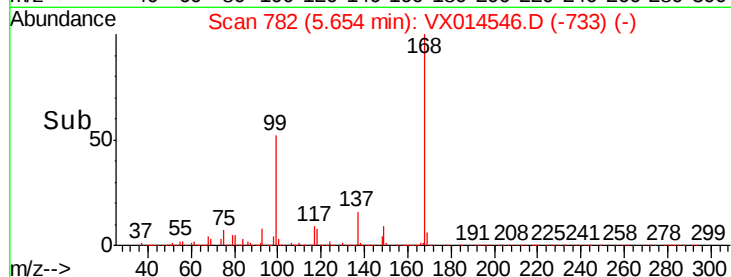
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 96.221 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX014546.D

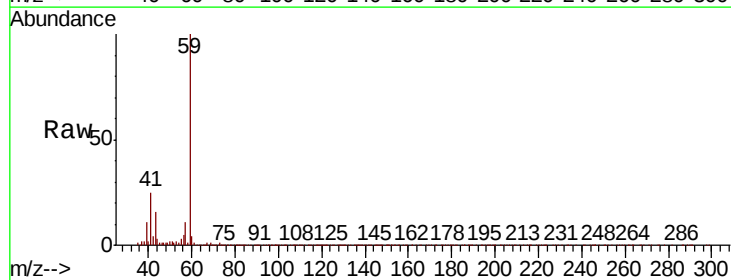
Acq: 10 Jan 2020 18:41

Tgt Ion: 59 Resp: 106705

Ion Ratio Lower Upper

59 100

57 10.3 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

50000

40000

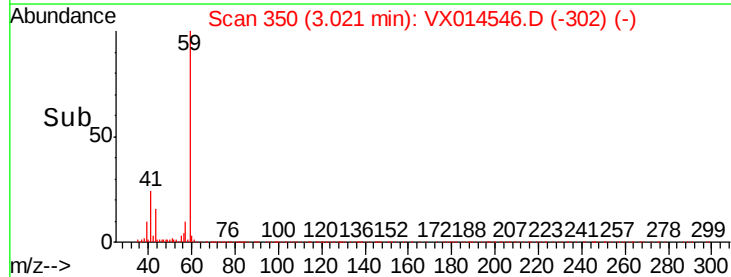
30000

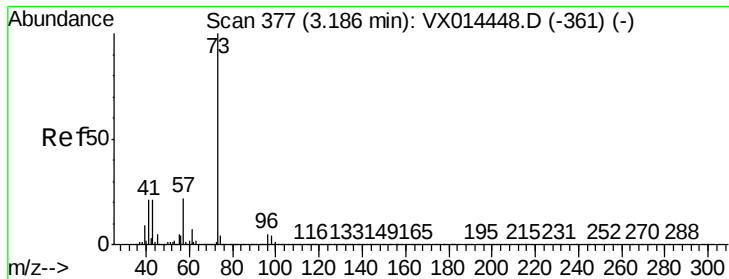
20000

10000

0

Time--> 2.90 3.00 3.10

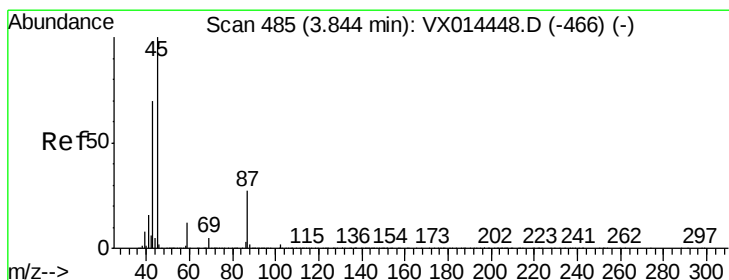
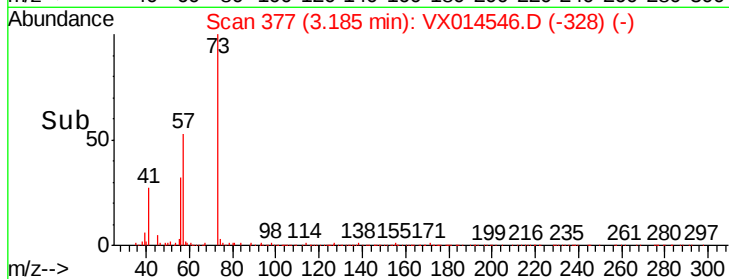
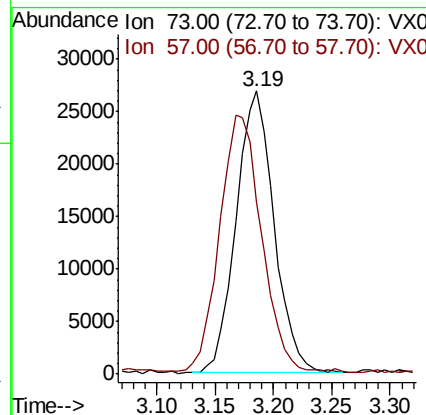
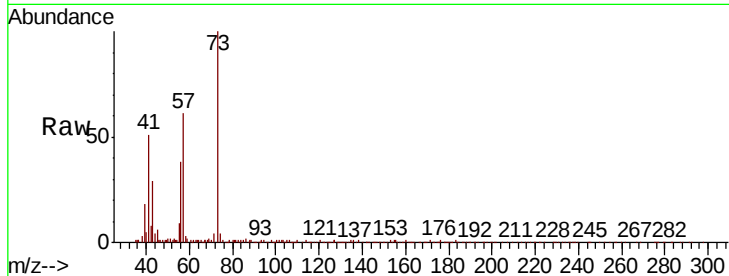




#19
Methyl tert-butyl Ether
Concen: 4.023 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014546.D
Acq: 10 Jan 2020 18:41

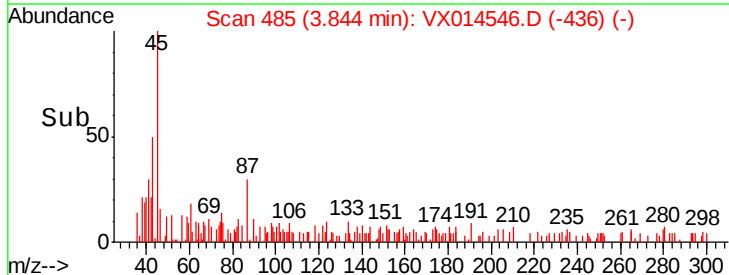
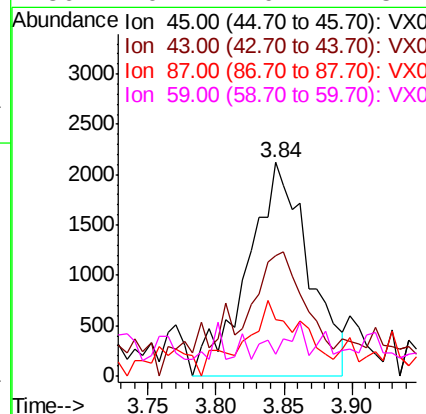
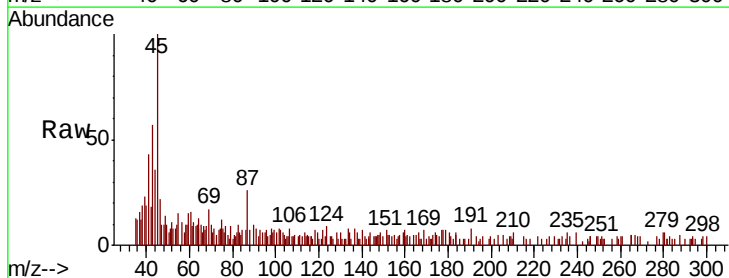
Instrument :
MSVOA_X
ClientSampleId :
MW-7

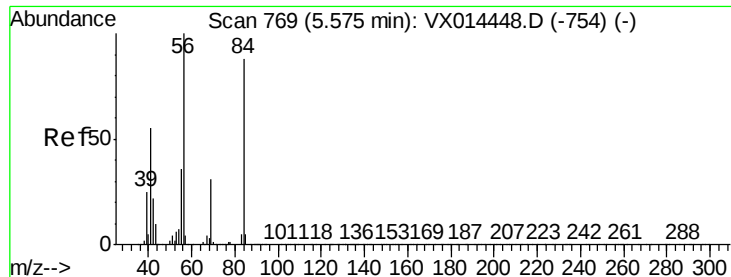
Tot Ion: 73 Resp: 60682
Ion Ratio Lower Upper
73 100
57 58.8 17.8 26.8#



#22
Diisopropyl ether
Concen: 0.416 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX014546.D
Acq: 10 Jan 2020 18:41

Tgt Ion: 45 Resp: 6640
Ion Ratio Lower Upper
45 100
43 52.8 55.8 83.6#
87 19.1 21.8 32.8#
59 19.2 9.1 13.7#

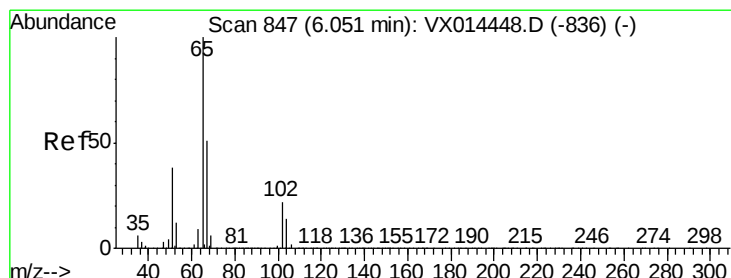
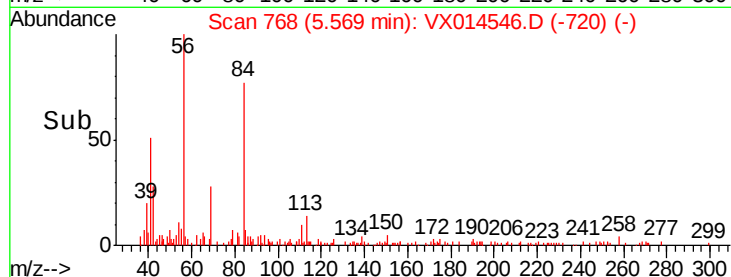
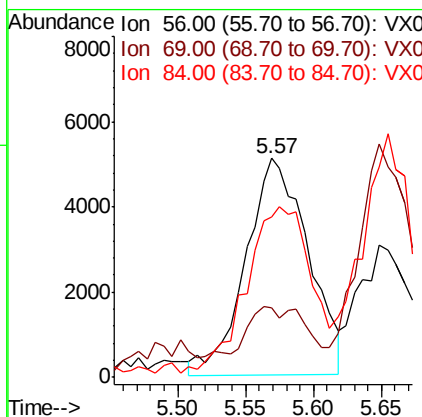
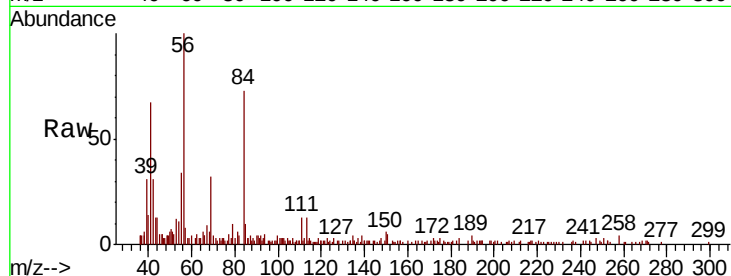




#31
Cyclohexane
Concen: 2.002 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014546.D
Acq: 10 Jan 2020 18:41

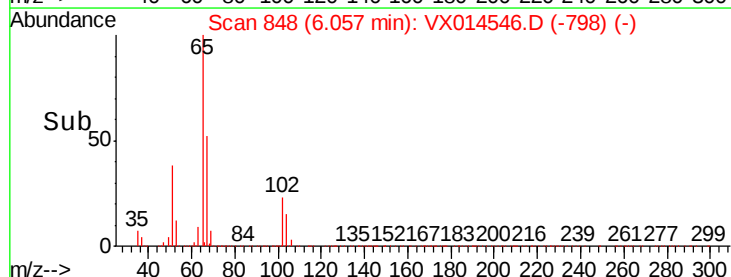
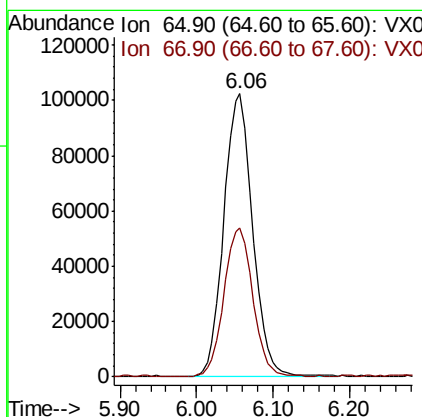
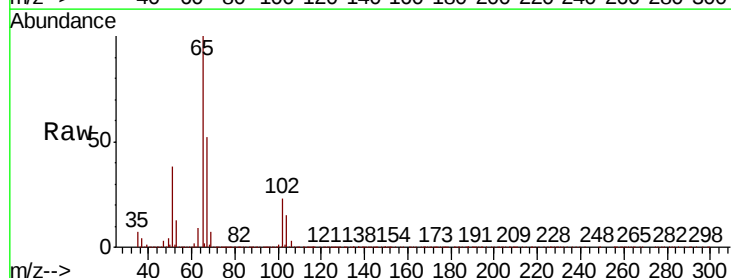
Instrument :
MSVOA_X
ClientSampleId :
MW-7

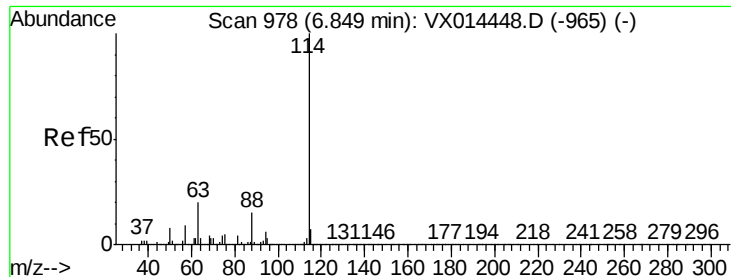
Tot Ion: 56 Resp: 16255
Ion Ratio Lower Upper
56 100
69 21.2 24.4 36.6#
84 73.5 70.6 106.0



#33
1,2-Dichloroethane-d4
Concen: 50.111 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014546.D
Acq: 10 Jan 2020 18:41

Tgt Ion: 65 Resp: 266147
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014546.D

Acq: 10 Jan 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

MW-7

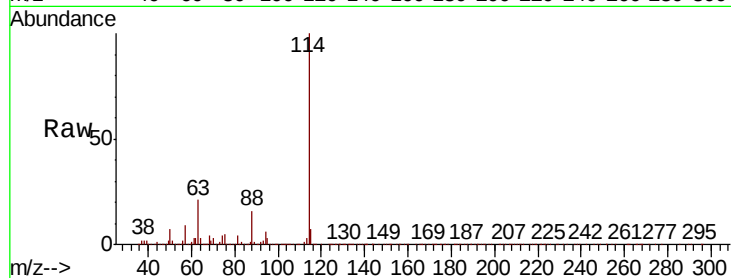
Tot Ion:114 Resp: 734363

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.6

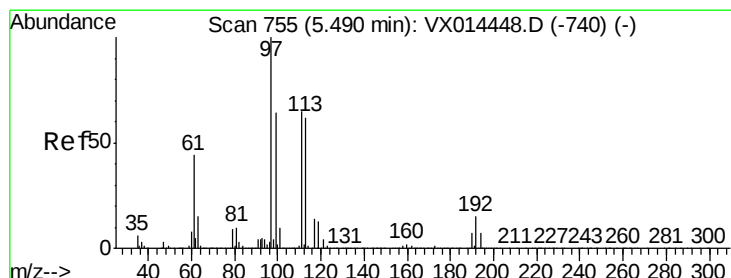
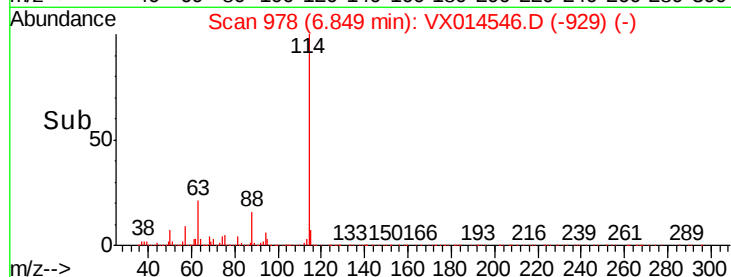
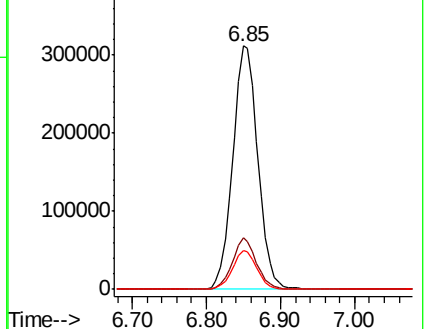
88 15.8 0.0 30.8



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: 49.659 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014546.D

Acq: 10 Jan 2020 18:41

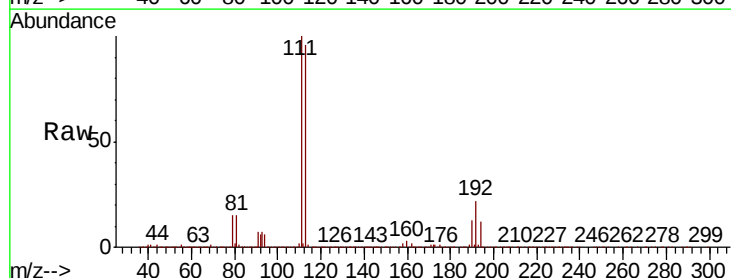
Tgt Ion:113 Resp: 220753

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

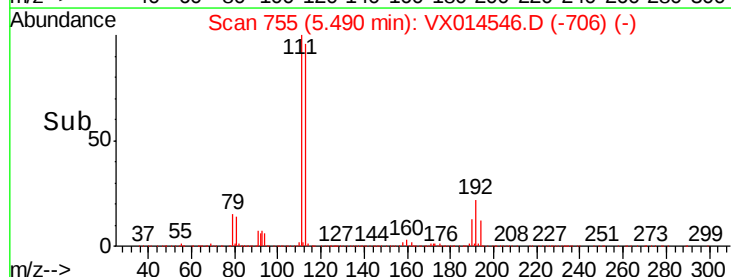
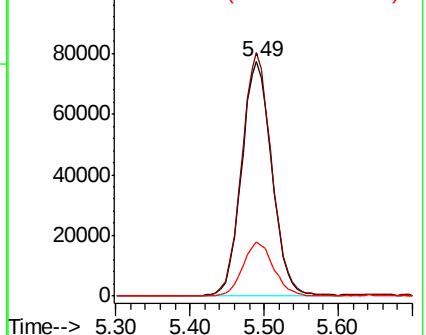
192 23.5 19.2 28.8

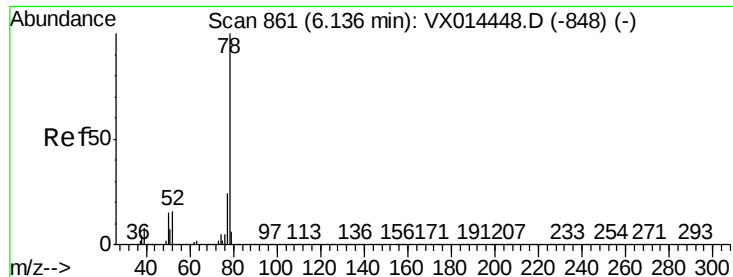


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 3.058 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX014546.D

Acq: 10 Jan 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

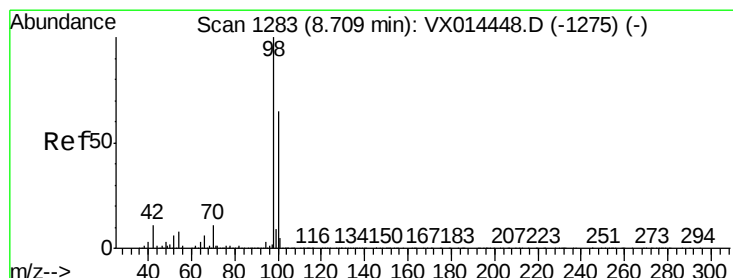
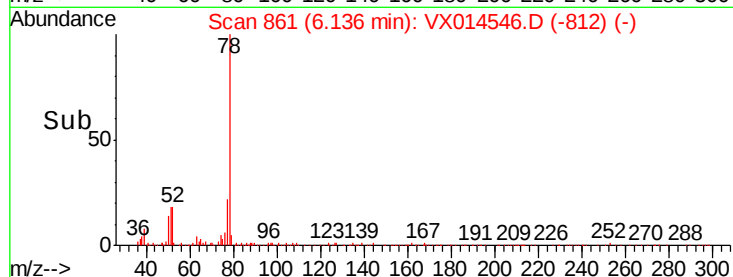
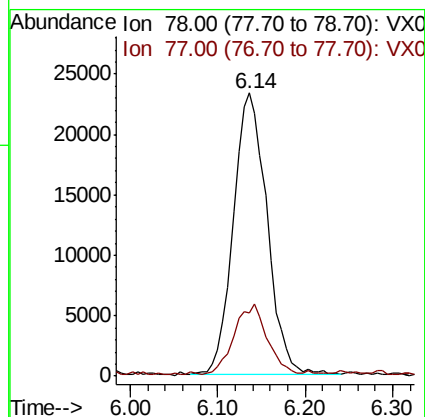
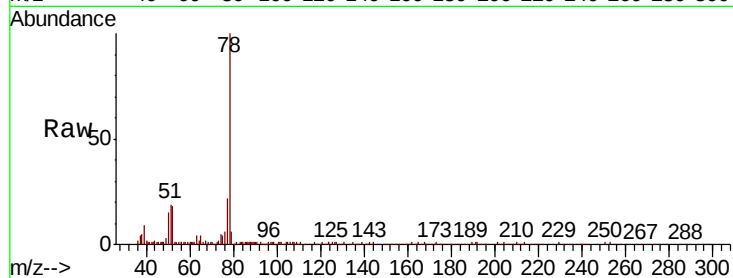
MW-7

Tot Ion: 78 Resp: 62671

Ion Ratio Lower Upper

78 100

77 21.1 19.5 29.3



#50

Toluene-d8

Concen: 50.669 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014546.D

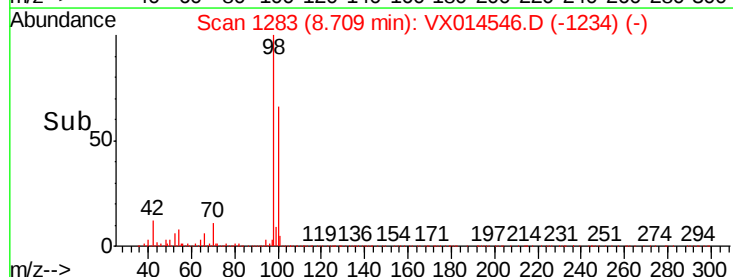
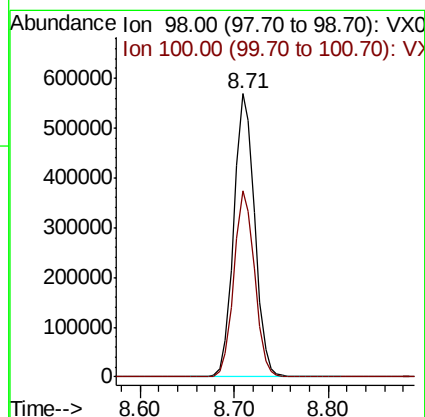
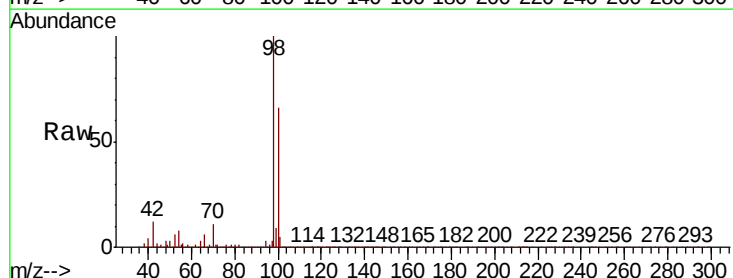
Acq: 10 Jan 2020 18:41

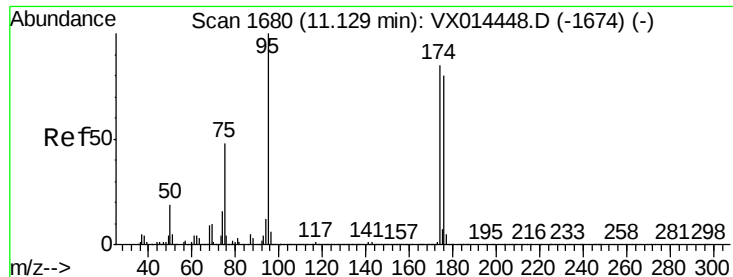
Tgt Ion: 98 Resp: 874093

Ion Ratio Lower Upper

98 100

100 65.2 53.2 79.8





#62

4-Bromofluorobenzene

Concen: 46.144 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014546.D

Acq: 10 Jan 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

MW-7

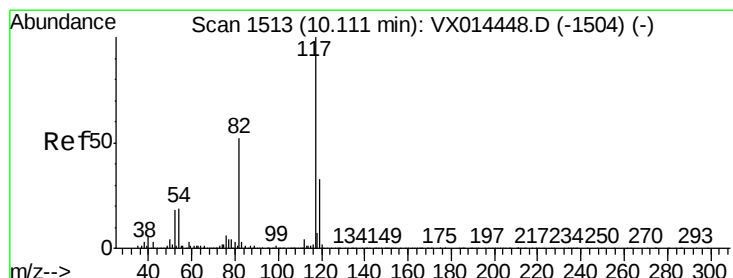
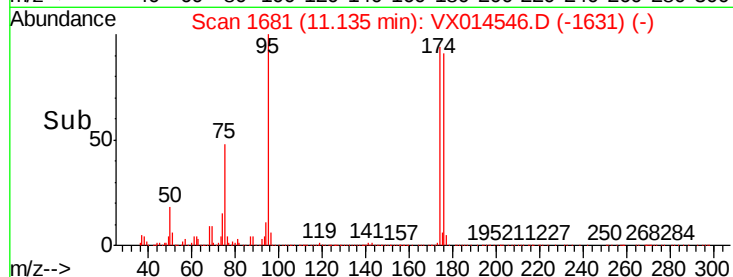
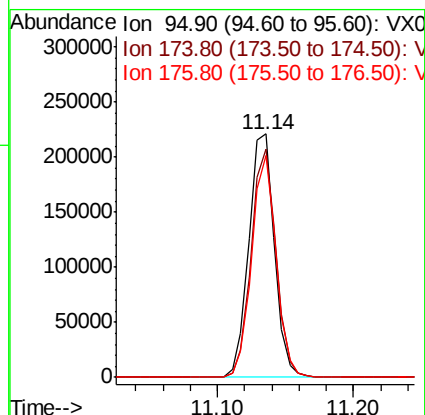
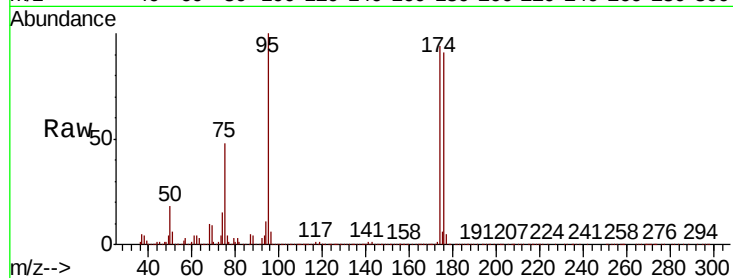
Tot Ion: 95 Resp: 292234

Ion Ratio Lower Upper

95 100

174 90.9 0.0 180.8

176 87.5 0.0 172.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014546.D

Acq: 10 Jan 2020 18:41

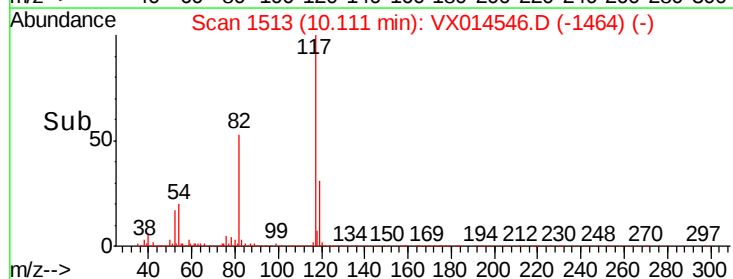
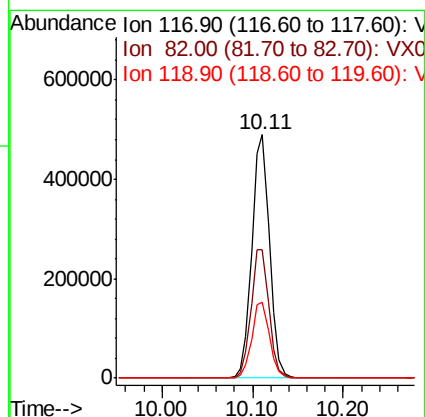
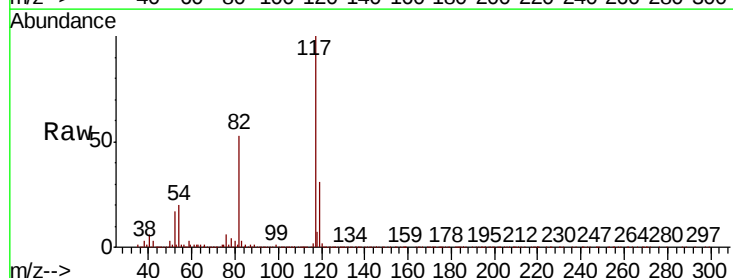
Tgt Ion: 117 Resp: 659814

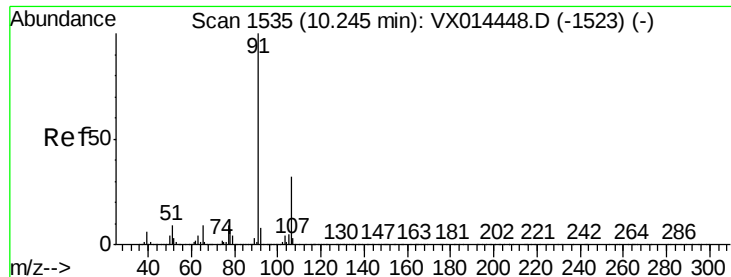
Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.6

119 31.1 26.2 39.4





#67

Ethyl Benzene

Concen: 0.444 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX014546.D

Acq: 10 Jan 2020 18:41

Instrument :

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ClientSampleId :

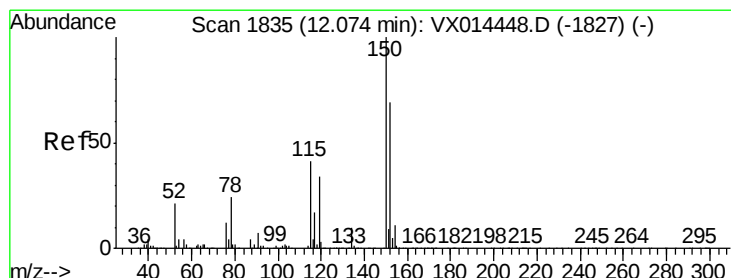
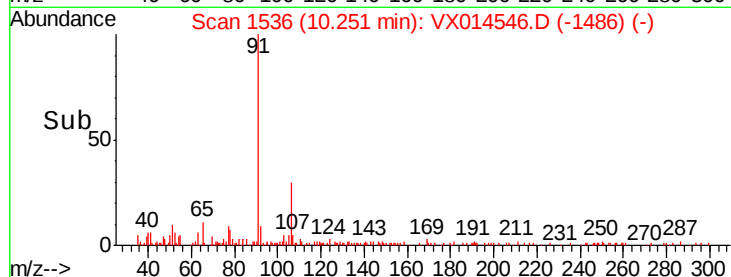
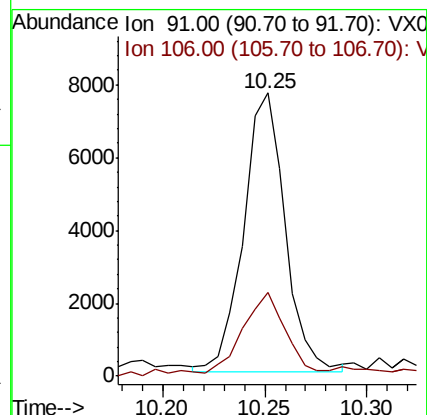
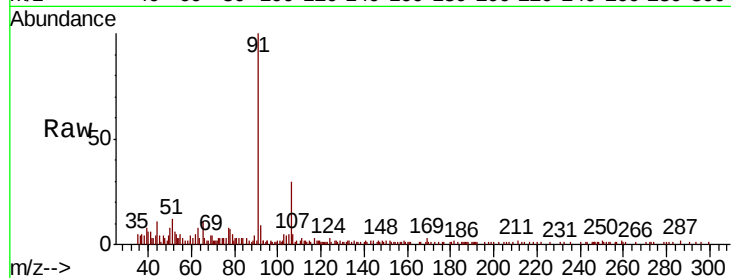
MW-7

Tot Ion: 91 Resp: 10828

Ion Ratio Lower Upper

91 100

106 29.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014546.D

Acq: 10 Jan 2020 18:41

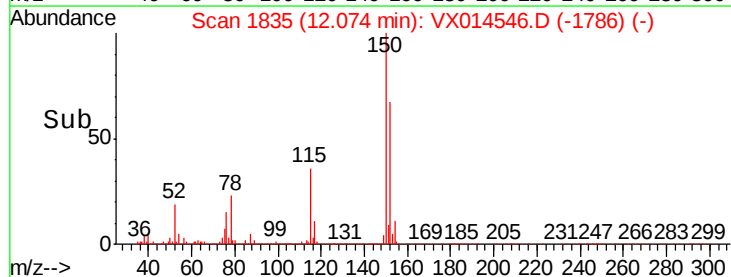
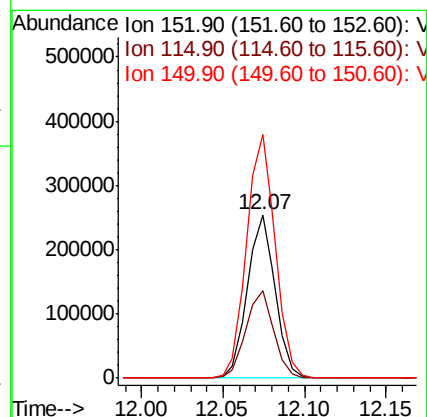
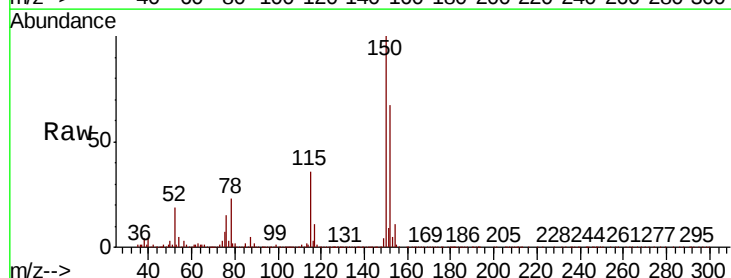
Tgt Ion: 152 Resp: 301077

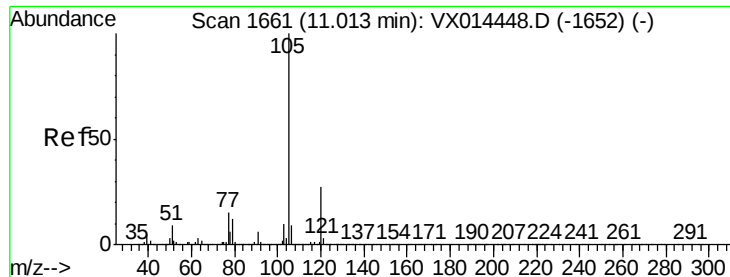
Ion Ratio Lower Upper

152 100

115 53.6 39.5 118.3

150 154.4 0.0 350.2





#73

Isopropylbenzene

Concen: 0.452 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014546.D

Acq: 10 Jan 2020 18:41

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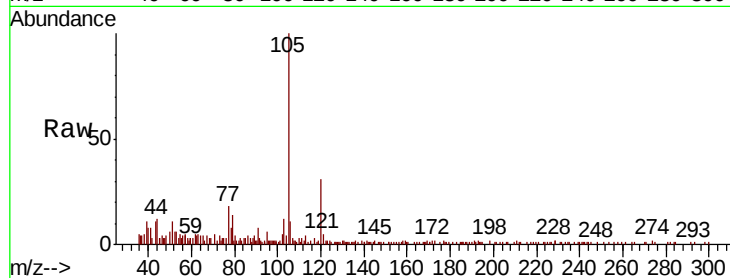
MW-7

Tot Ion:105 Resp: 9566

Ion Ratio Lower Upper

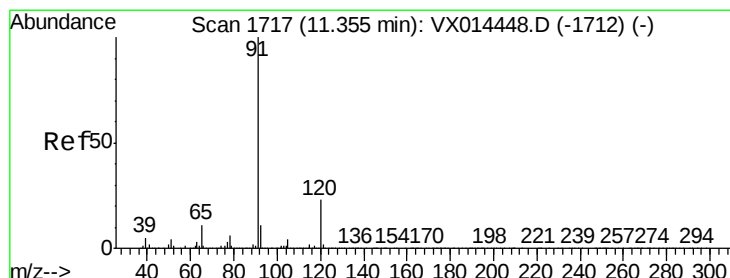
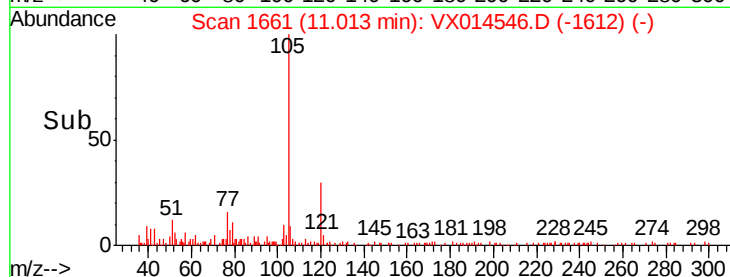
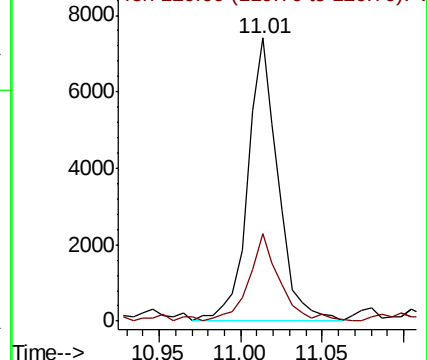
105 100

120 31.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.345 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014546.D

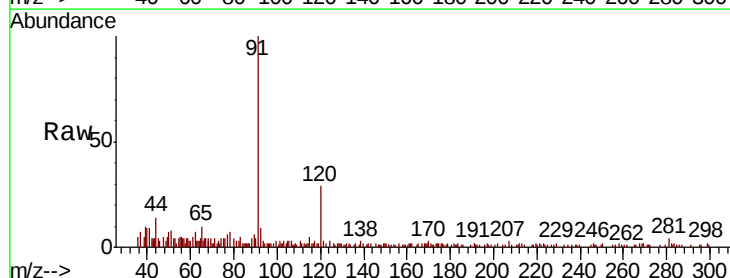
Acq: 10 Jan 2020 18:41

Tgt Ion: 91 Resp: 8344

Ion Ratio Lower Upper

91 100

120 29.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

