

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010324.D
 Acq On : 17 Jun 2019 15:12
 Operator : JC/SP
 Sample : K3121-01MEDL 10X
 Misc : 5.00/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WASTEMEDL

Quant Time: Jun 17 15:42:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	313180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	469661	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	436647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215897	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	140731	46.04	ug/l	0.00
Spiked Amount			Recovery	=	92.08%	
35) Dibromofluoromethane	5.49	113	143303	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
50) Toluene-d8	8.71	98	561259	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.13	95	201949	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	

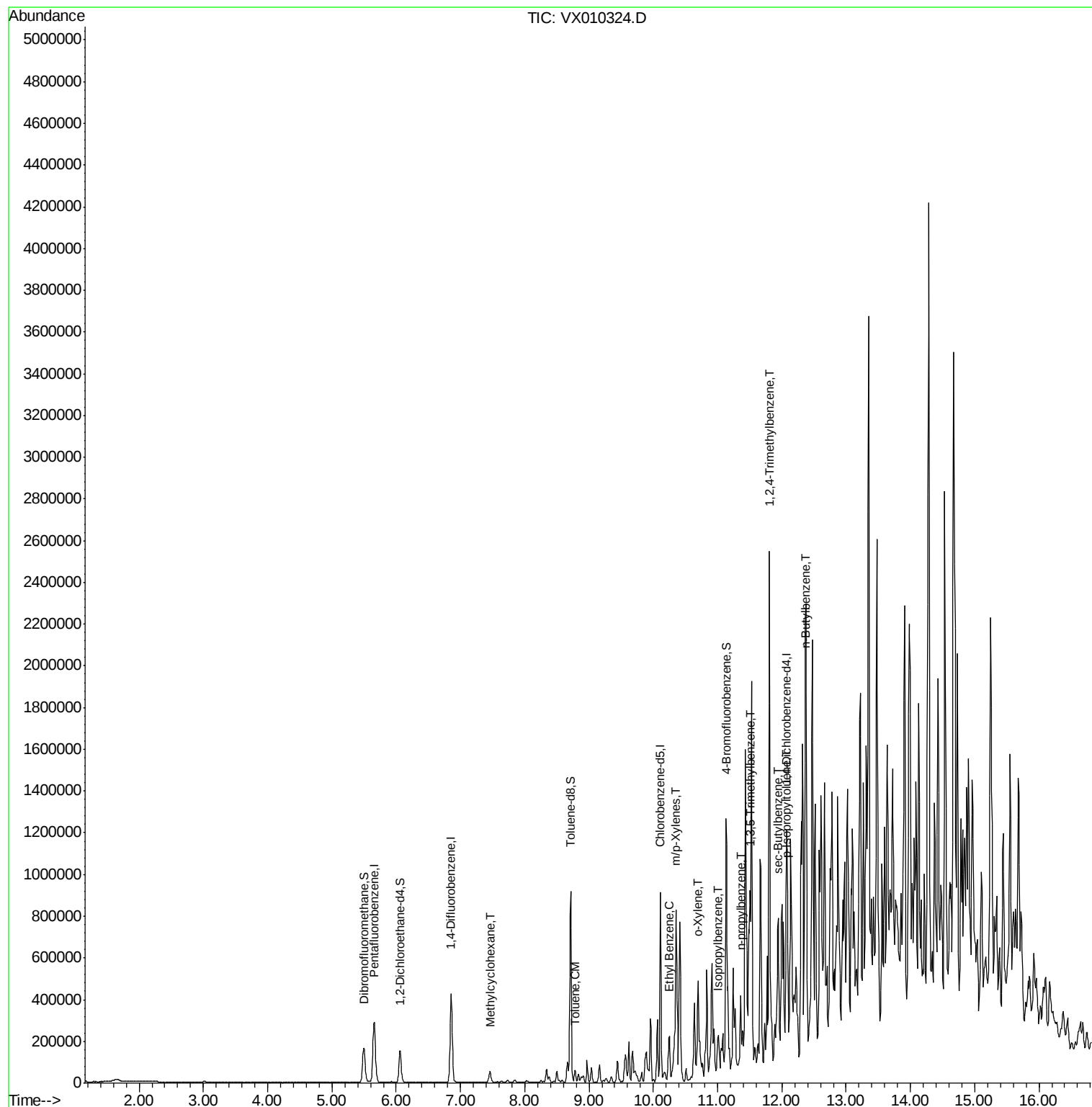
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	25461	4.880	ug/l #	81
52) Toluene	8.78	92	23143	2.971	ug/l	97
67) Ethyl Benzene	10.25	91	86247	5.622	ug/l	96
68) m/p-Xylenes	10.35	106	185287	31.210	ug/l	89
69) o-Xylene	10.69	106	109198	18.504	ug/l	90
73) Isopropylbenzene	11.02	105	74514	4.944	ug/l	95
78) n-propylbenzene	11.36	91	220339	13.132	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	282113	22.224	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	972603	75.855	ug/l	95
85) sec-Butylbenzene	11.94	105	180349	12.049	ug/l	85
86) p-Isopropyltoluene	12.06	119	94637	6.916	ug/l	96
89) n-Butylbenzene	12.38	91	311954	26.484	ug/l #	41

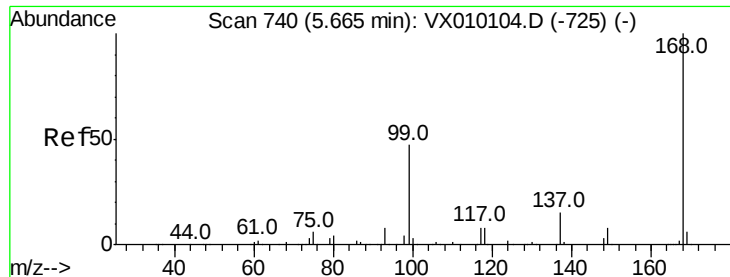
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061719\
Data File : VX010324.D
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Instrument :
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ClientSampleId :
WASTEMEDL

Quant Time: Jun 17 15:42:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

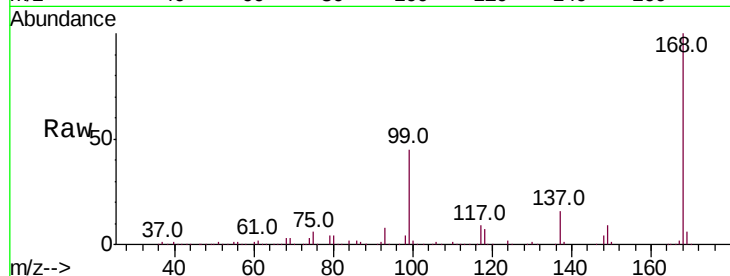
WASTEMEDL

Tot Ion:168 Resp: 313180

Ion Ratio Lower Upper

168 100

99 44.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

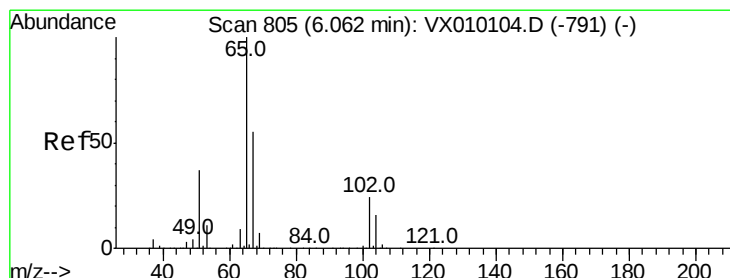
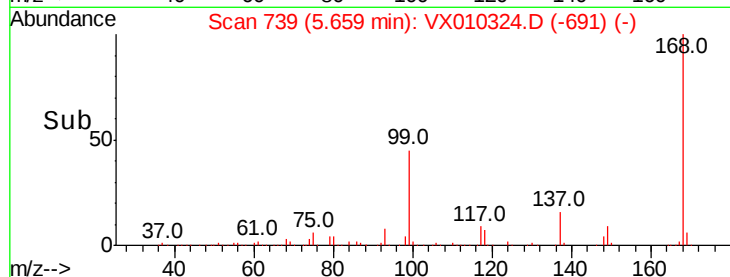
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.036 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010324.D

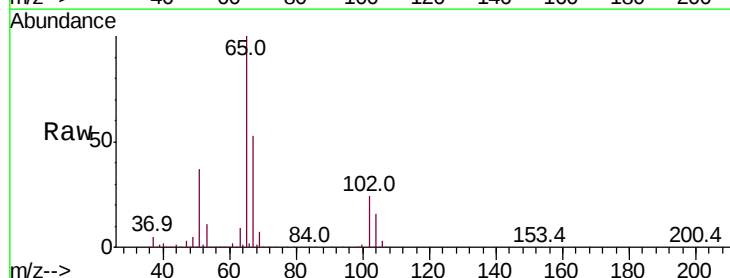
Acq: 17 Jun 2019 15:12

Tgt Ion: 65 Resp: 140731

Ion Ratio Lower Upper

65 100

67 55.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

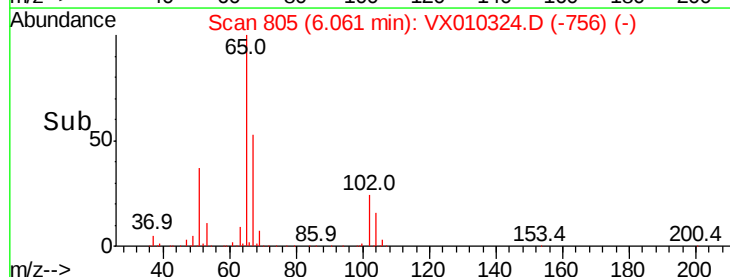
30000

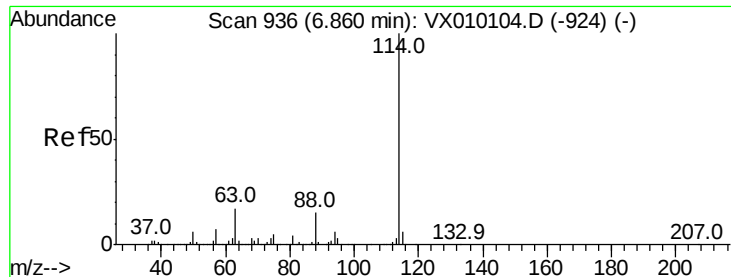
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

WASTEMEDL

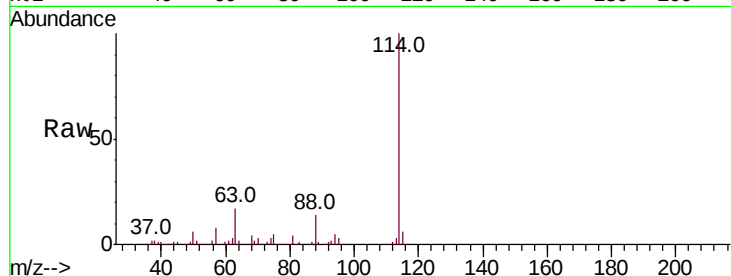
Tot Ion:114 Resp: 469661

Ion Ratio Lower Upper

114 100

63 17.5 0.0 47.4

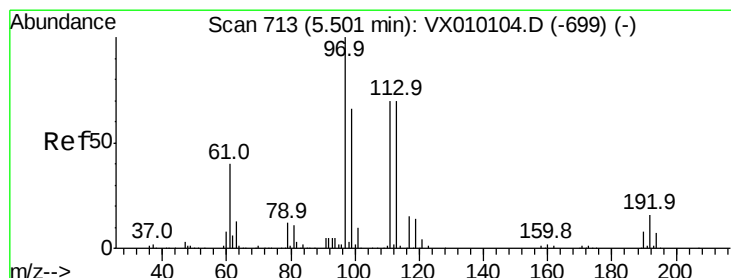
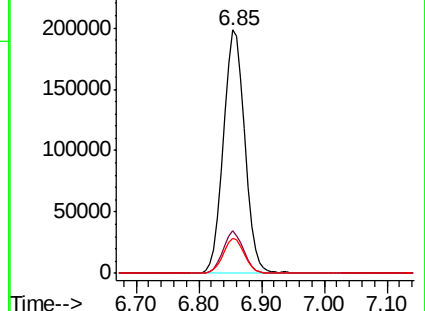
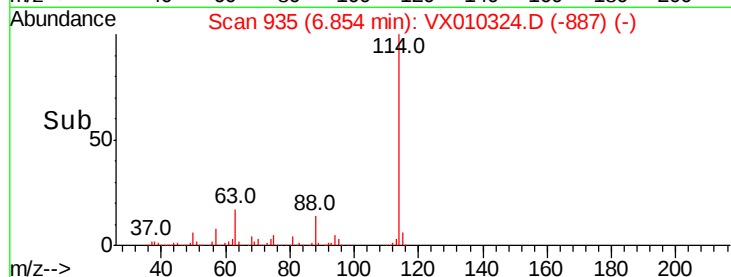
88 14.4 0.0 33.0



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: 49.466 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

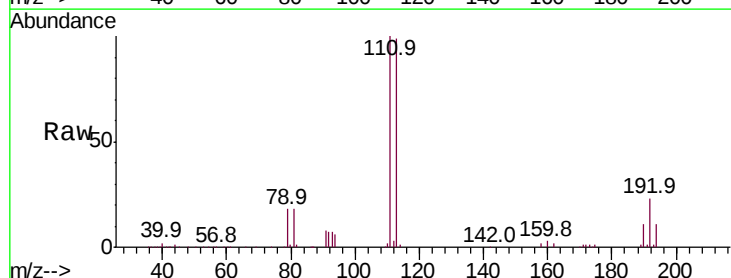
Tgt Ion:113 Resp: 143303

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.2

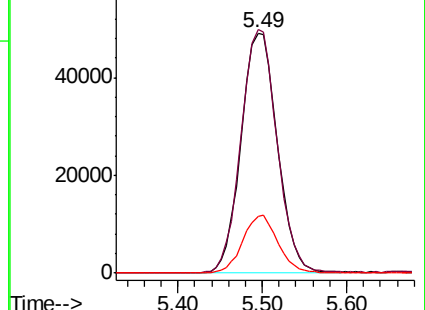
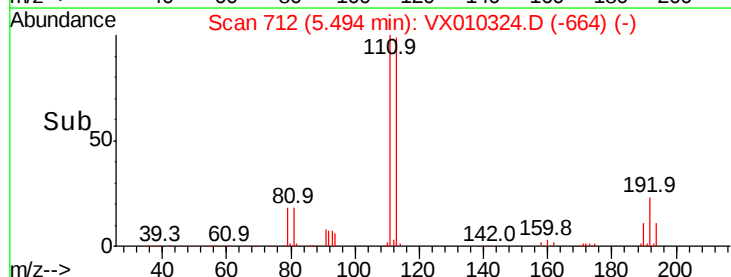
192 23.3 17.1 25.7

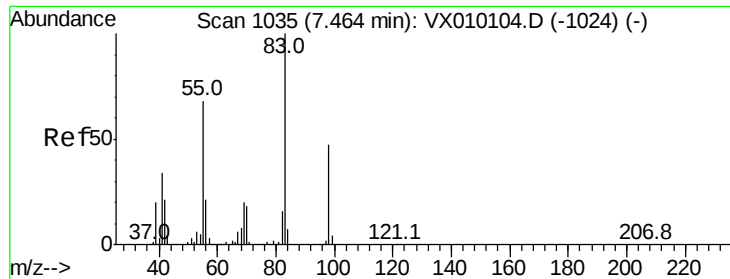


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

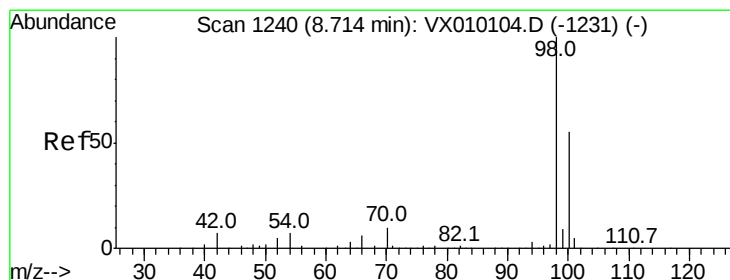
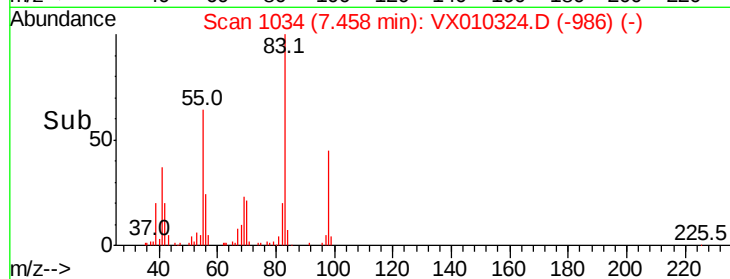
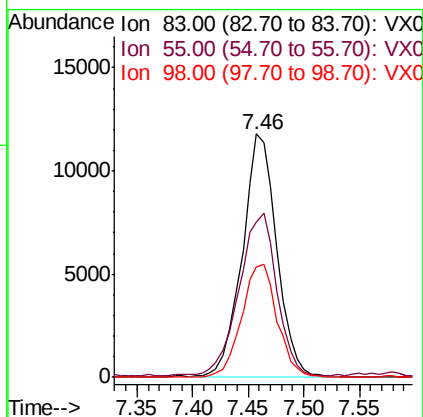
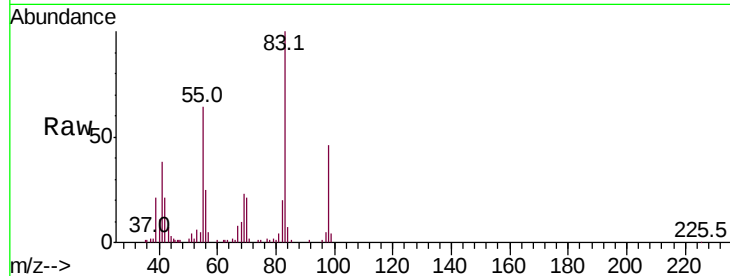




#39
Methvlcvclohexane
Concen: 4.880 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

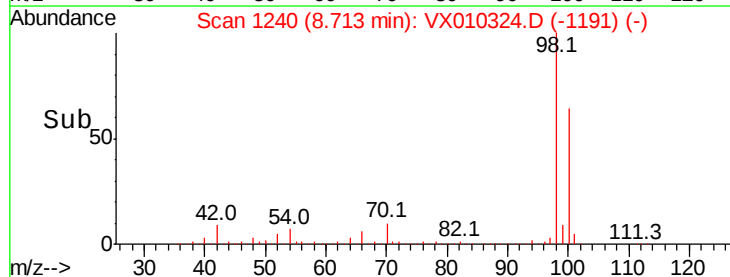
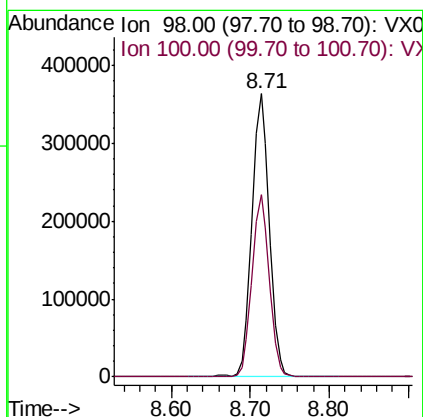
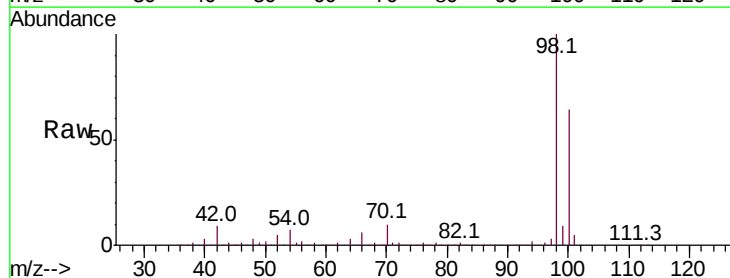
Instrument :
MSVOA_X
ClientSampleId :
WASTEMEDL

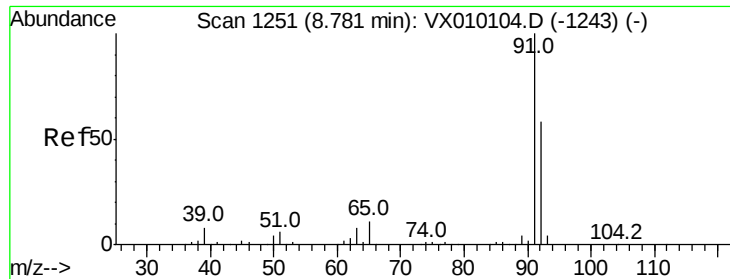
Tot Ion: 83 Resp: 25461
Ion Ratio Lower Upper
83 100
55 62.7 69.9 104.9#
98 45.5 35.1 52.7



#50
Toluene-d8
Concen: 51.694 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Tgt Ion: 98 Resp: 561259
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3





#52

Toluene

Concen: 2.971 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

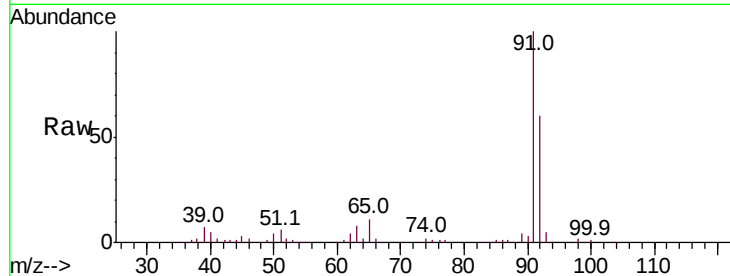
WASTEMEDL

Tot Ion: 92 Resp: 23143

Ion Ratio Lower Upper

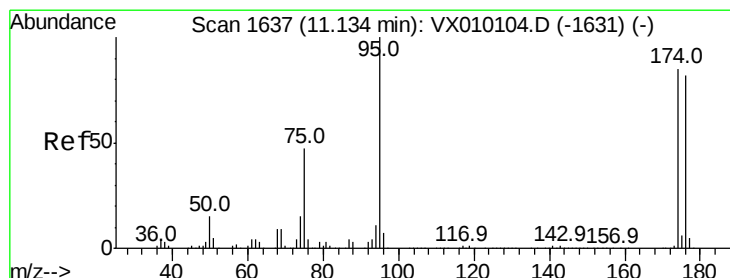
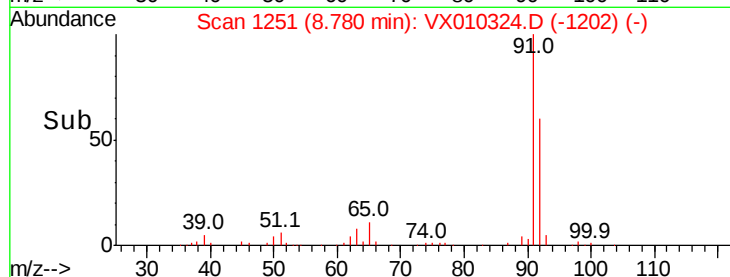
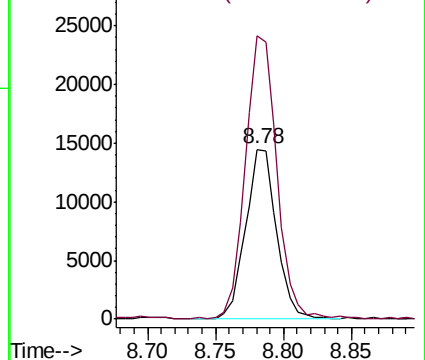
92 100

91 170.2 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 49.805 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

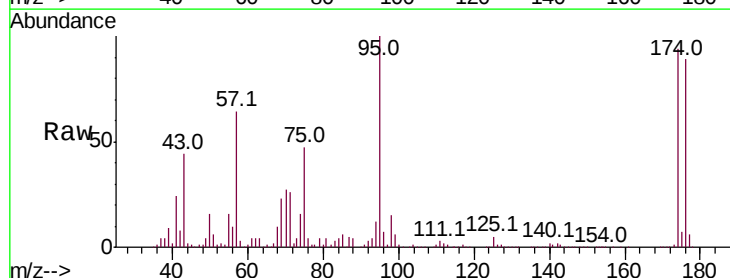
Tgt Ion: 95 Resp: 201949

Ion Ratio Lower Upper

95 100

174 93.9 0.0 160.4

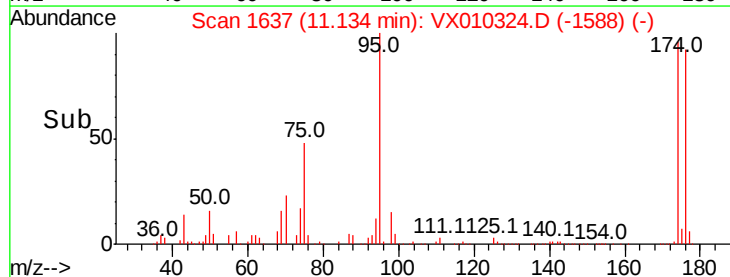
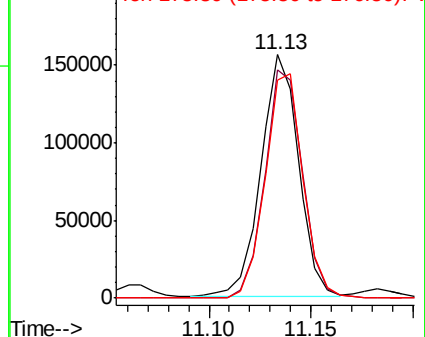
176 92.3 0.0 154.6

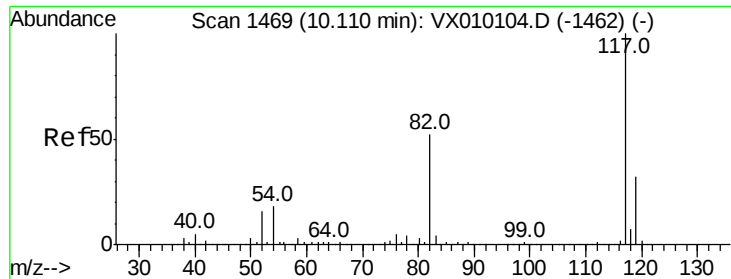


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

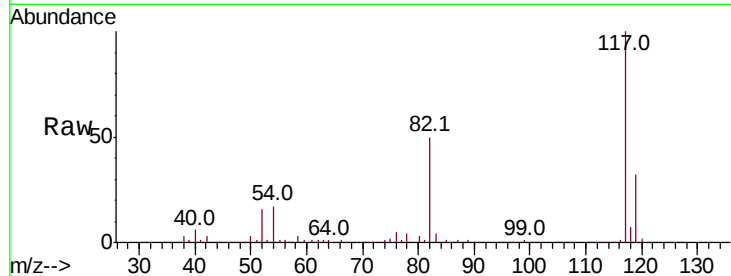




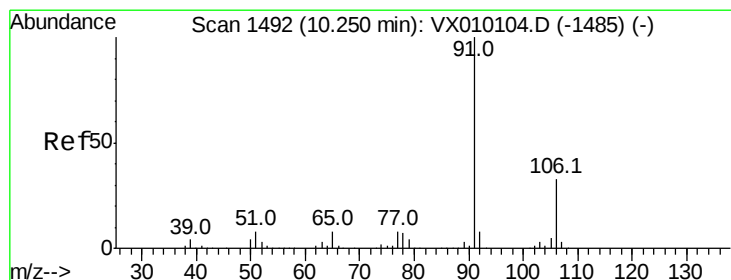
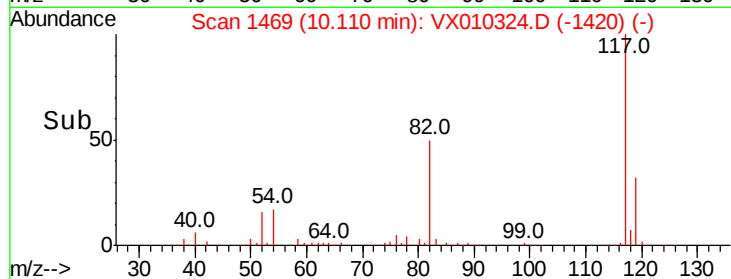
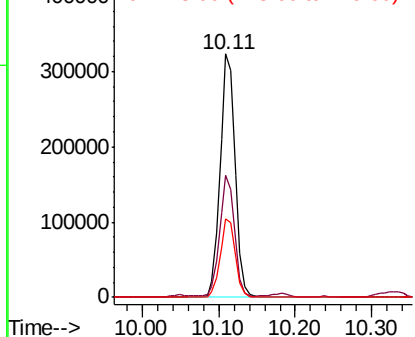
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Instrument :
MSVOA_X
ClientSampled :
WASTEMEDL

Tot Ion:117 Resp: 436647
Ion Ratio Lower Upper
117 100
82 49.7 49.2 73.8
119 32.5 25.2 37.8

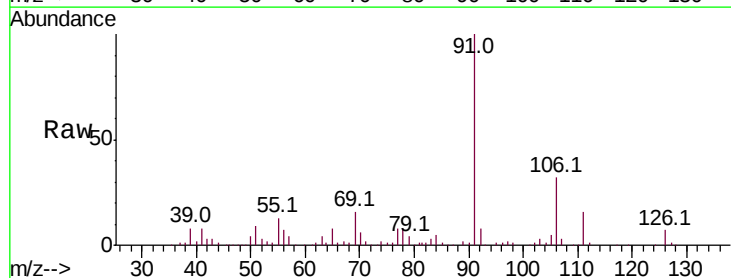


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

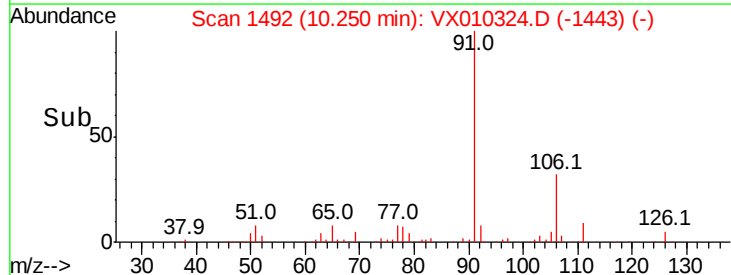
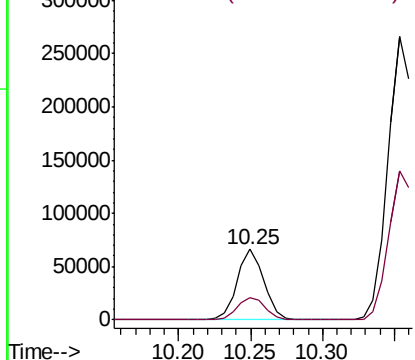


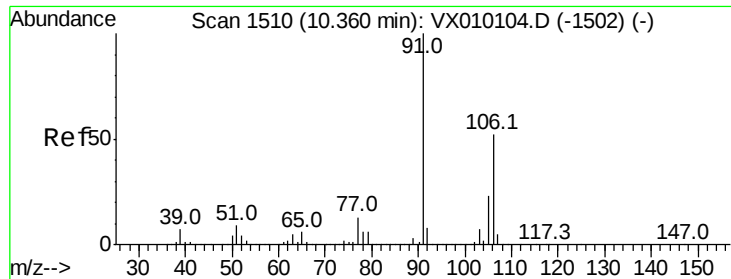
#67
Ethyl Benzene
Concen: 5.622 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Tgt Ion: 91 Resp: 86247
Ion Ratio Lower Upper
91 100
106 32.3 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

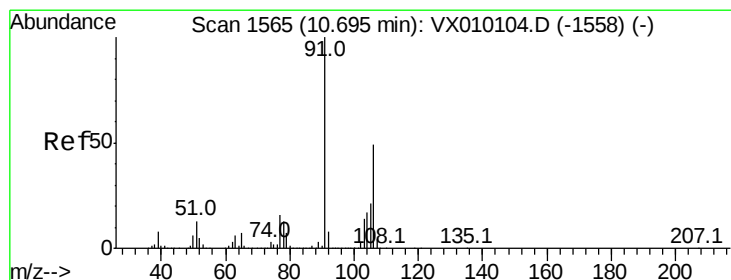
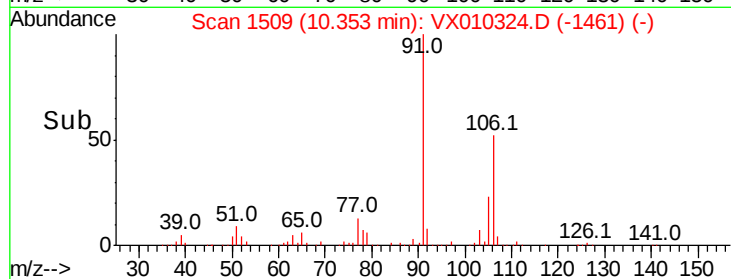
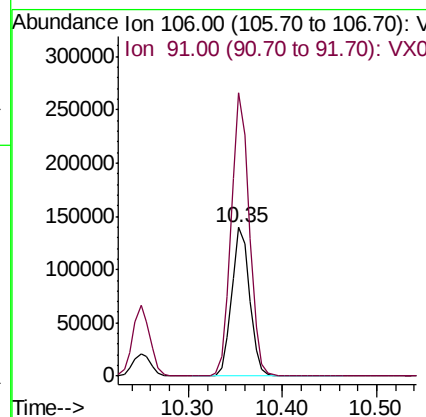
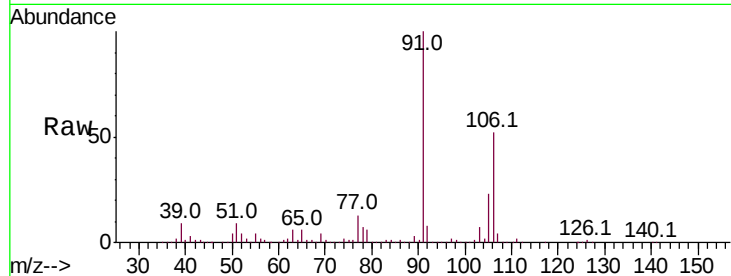




#68
m/p-Xylenes
Concen: 31.210 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

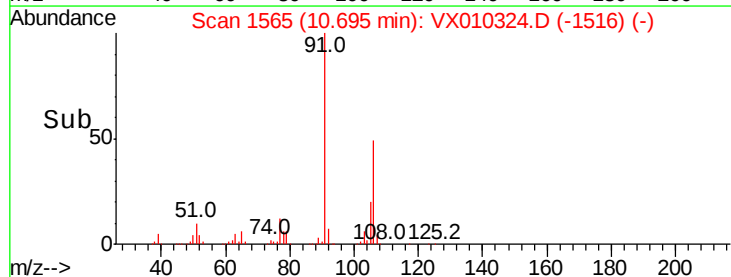
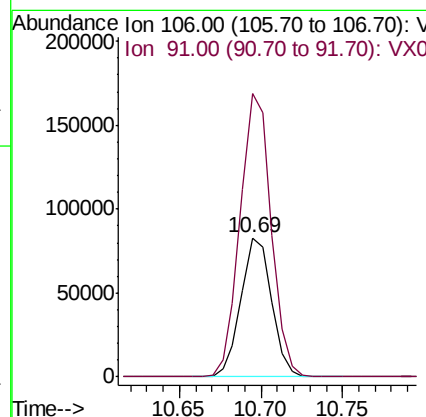
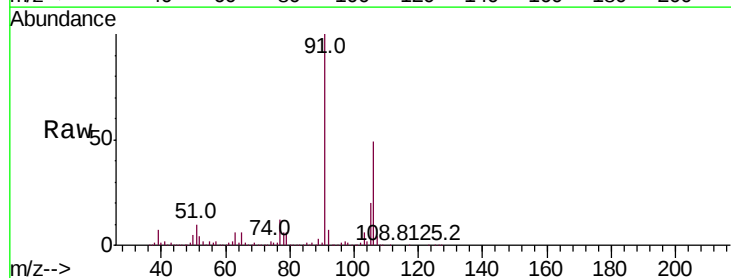
Instrument :
MSVOA_X
ClientSampleId :
WASTEMEDL

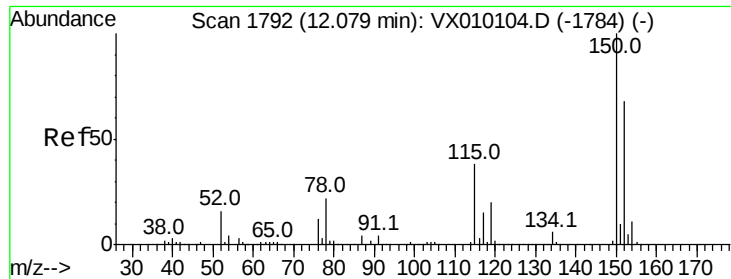
Tot Ion:106 Resp: 185287
Ion Ratio Lower Upper
106 100
91 191.4 167.3 250.9



#69
o-Xylene
Concen: 18.504 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Tgt Ion:106 Resp: 109198
Ion Ratio Lower Upper
106 100
91 205.1 110.4 331.2



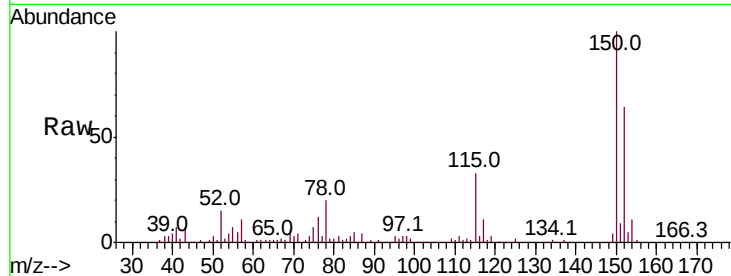


#72

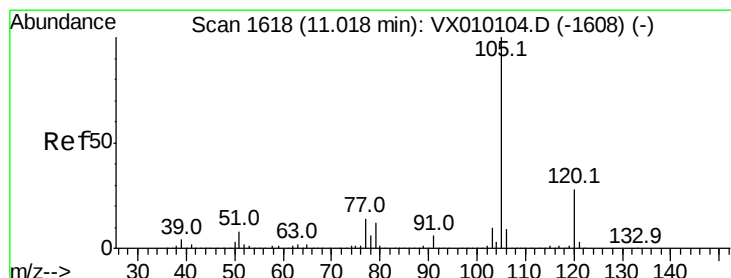
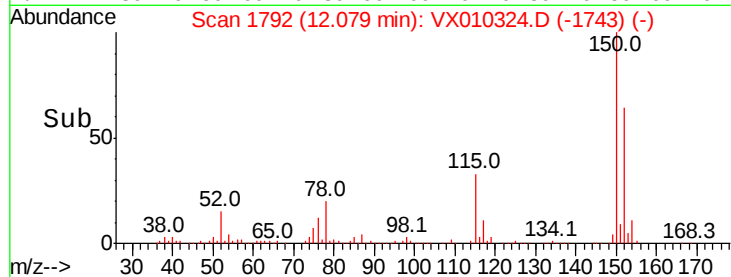
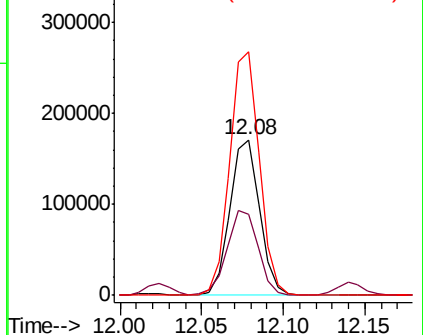
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
WASTEMEDL

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.2	41.4	124.2
150	156.5	0.0	345.2



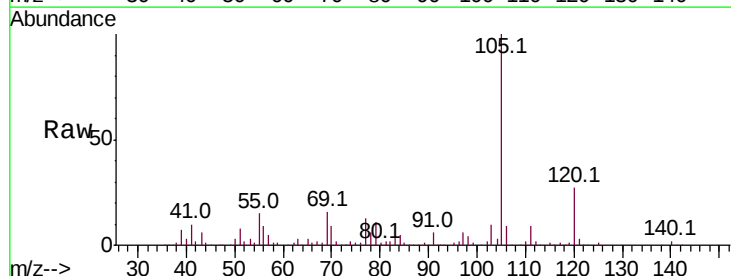
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



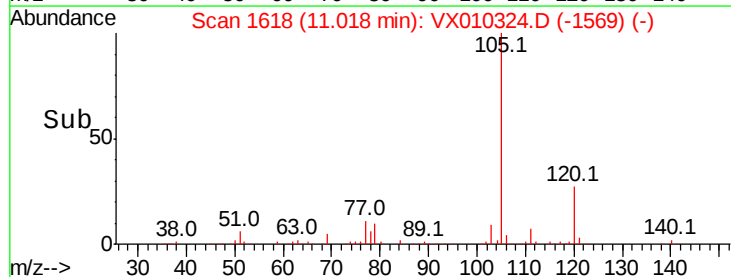
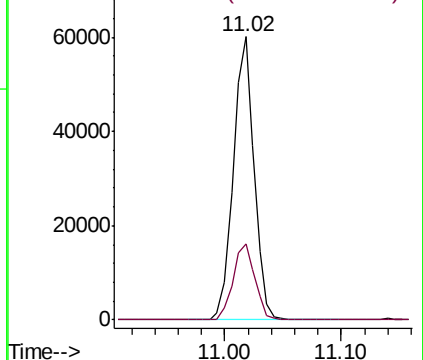
#73

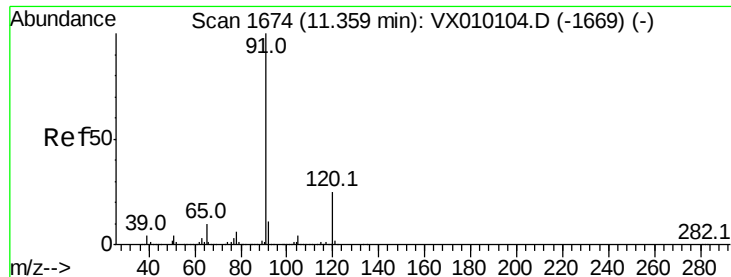
Isopropylbenzene
Concen: 4.944 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.4	12.8	38.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 13.132 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010324.D

Acq: 17 Jun 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

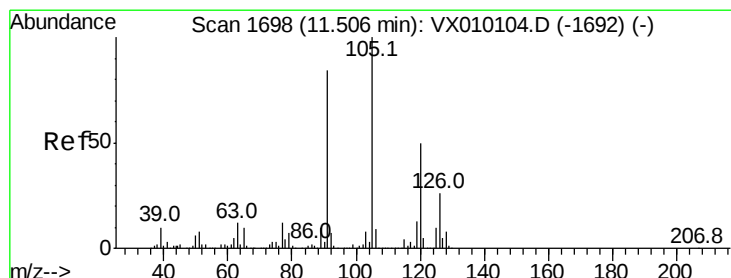
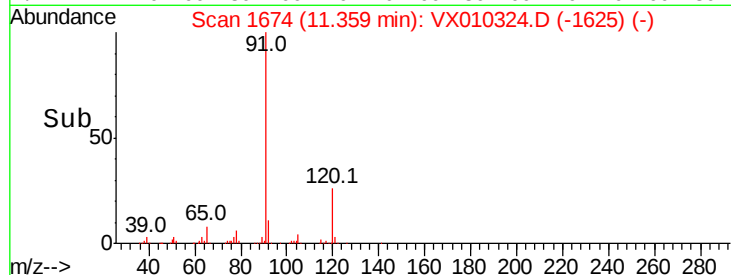
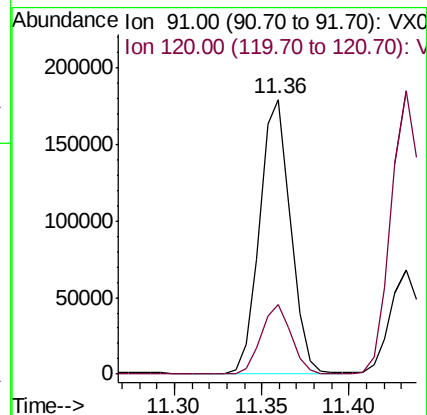
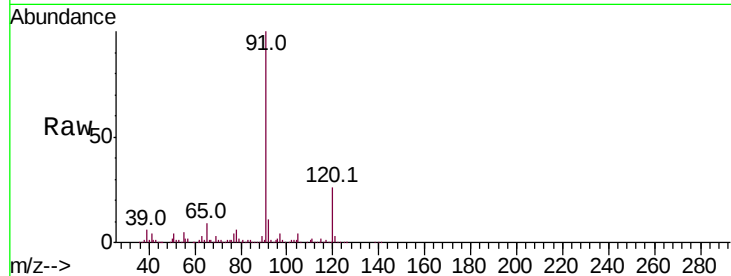
WASTEMEDL

Tot Ion: 91 Resp: 220339

Ion Ratio Lower Upper

91 100

120 24.7 11.1 33.3



#80

1,3,5-Trimethylbenzene

Concen: 22.224 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010324.D

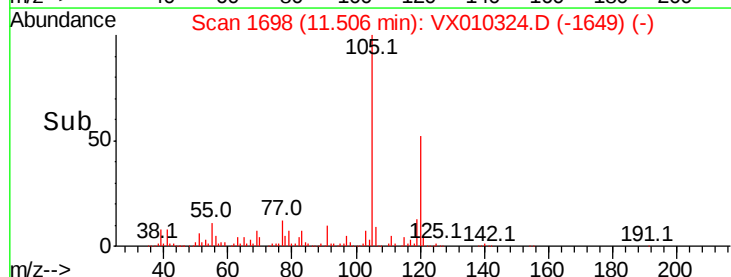
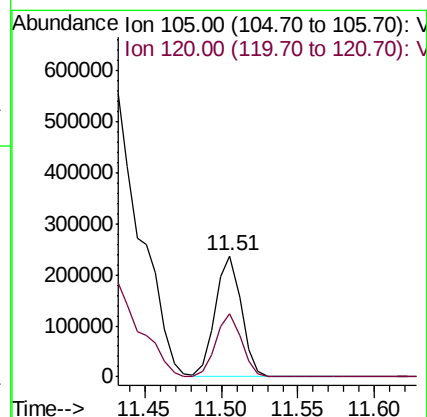
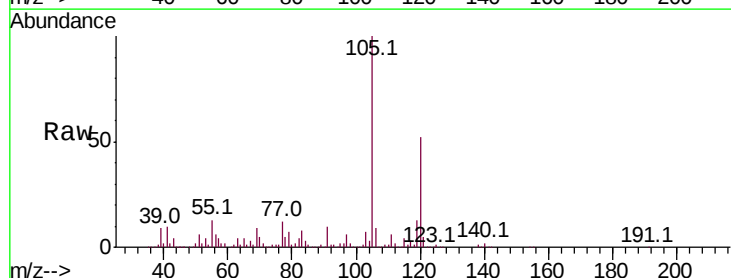
Acq: 17 Jun 2019 15:12

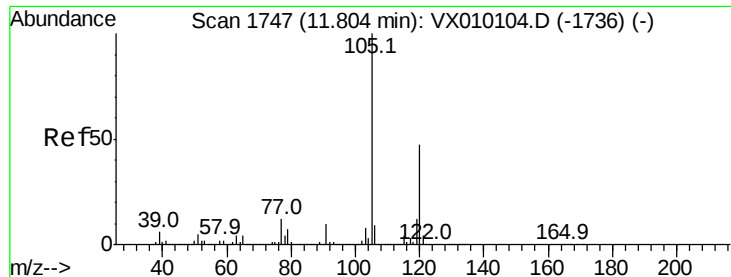
Tgt Ion: 105 Resp: 282113

Ion Ratio Lower Upper

105 100

120 51.7 24.1 72.3



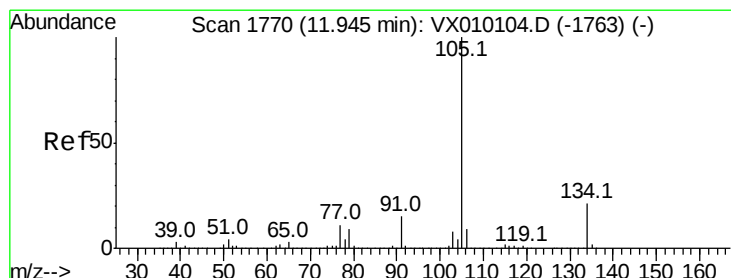
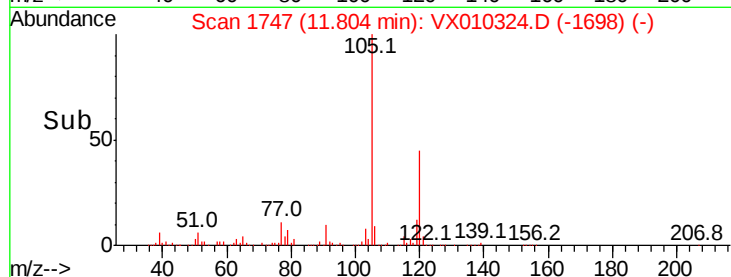
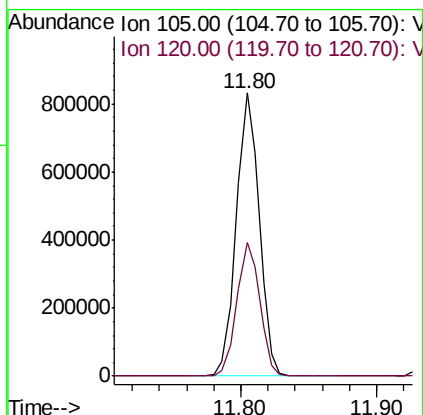
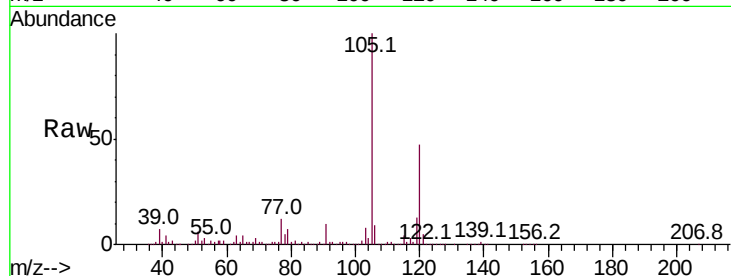


#84

1,2,4-Trimethylbenzene
Concen: 75.855 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
WASTEMEDL

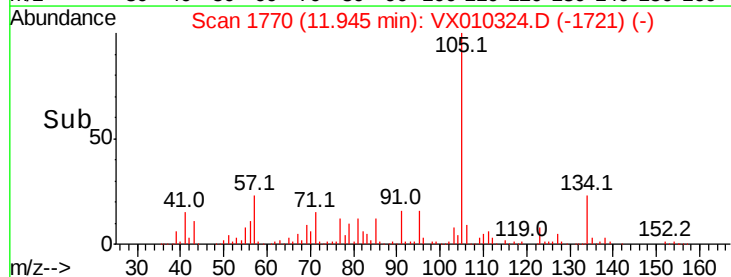
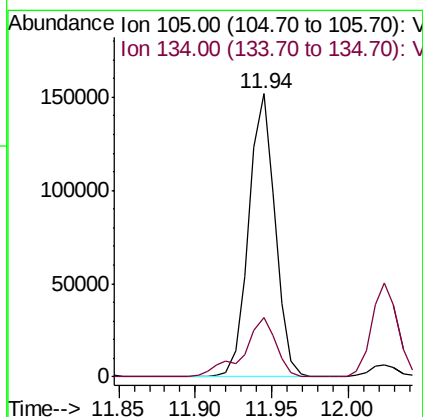
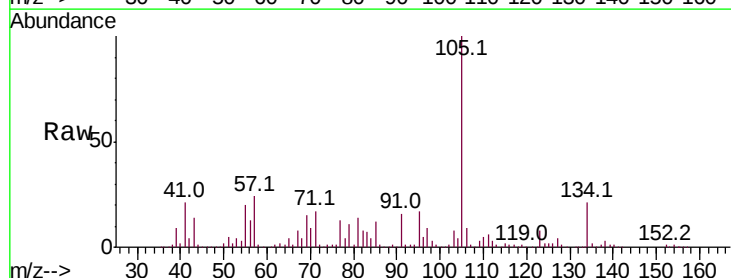
Tot Ion:105 Resp: 972603
Ion Ratio Lower Upper
105 100
120 47.4 22.1 66.1

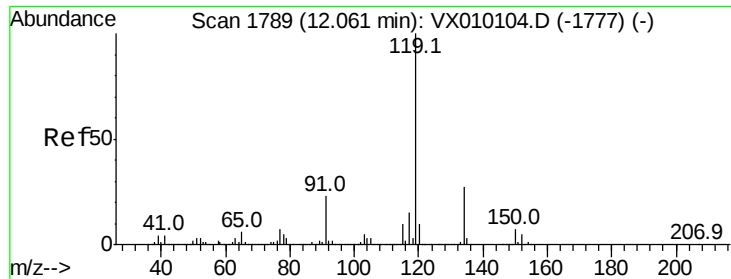


#85

sec-Butylbenzene
Concen: 12.049 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX010324.D
Acq: 17 Jun 2019 15:12

Tgt Ion:105 Resp: 180349
Ion Ratio Lower Upper
105 100
134 26.2 9.7 28.9

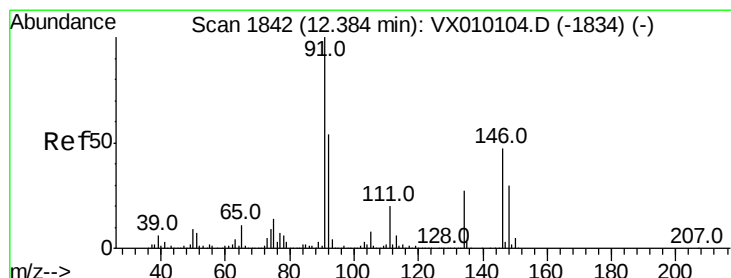
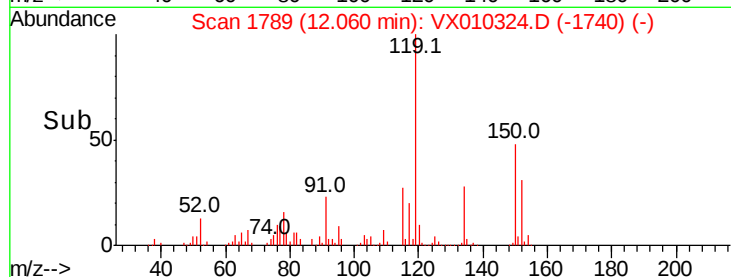
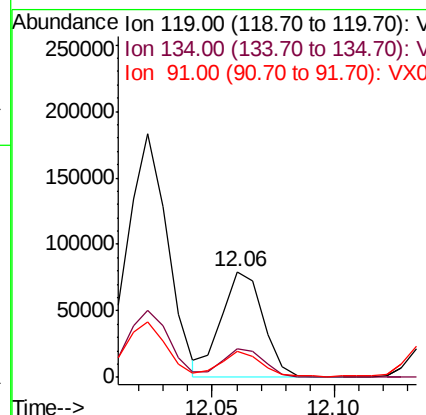
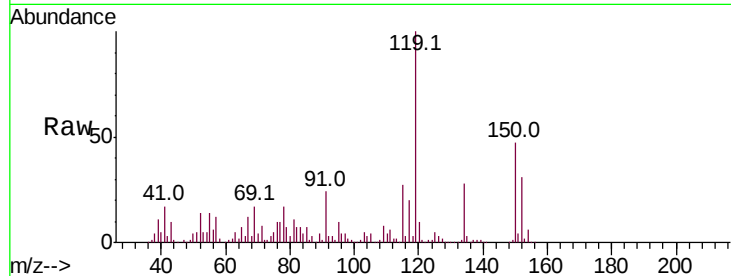




#86
 p-Isopropyltoluene
 Concen: 6.916 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010324.D
 Acq: 17 Jun 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleID :
 WASTEMEDL

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.2	12.9	38.6
91	22.9	11.9	35.9



#89
 n-Butylbenzene
 Concen: 26.484 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX010324.D
 Acq: 17 Jun 2019 15:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	37.7	26.3	78.8
134	93.8	12.3	36.8#

