

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006705.D
 Acq On : 21 Dec 2018 05:08
 Operator : JC/MD
 Sample : J6517-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-121918

Quant Time: Dec 21 08:12:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

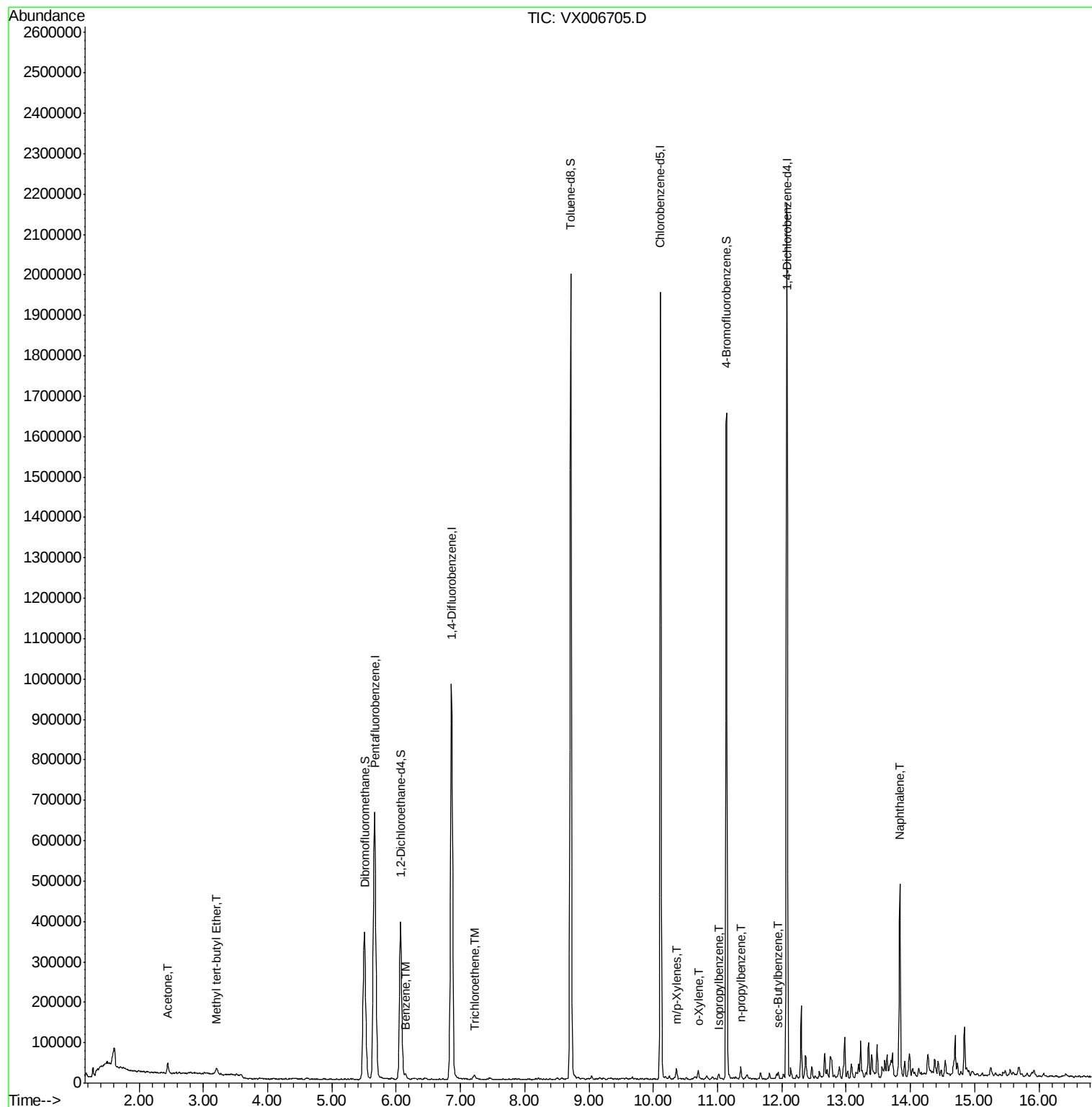
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	692525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1057991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	949716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	460333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	356236	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
35) Dibromofluoromethane	5.51	113	313523	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
50) Toluene-d8	8.71	98	1235852	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.13	95	435974	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	25362	7.396	ug/l #	86
19) Methyl tert-butyl Ether	3.20	73	16003	0.779	ug/l	97
40) Benzene	6.14	78	14125	0.530	ug/l #	87
44) Trichloroethene	7.21	130	3762	0.467	ug/l	90
68) m/p-Xylenes	10.36	106	5368	0.414	ug/l	92
69) o-Xylene	10.70	106	4910	0.384	ug/l	86
73) Isopropylbenzene	11.02	105	7103	0.226	ug/l	98
78) n-propylbenzene	11.36	91	17450	0.503	ug/l	99
85) sec-Butylbenzene	11.94	105	8539	0.268	ug/l	83
95) Naphthalene	13.83	128	303410	8.978	ug/l	98

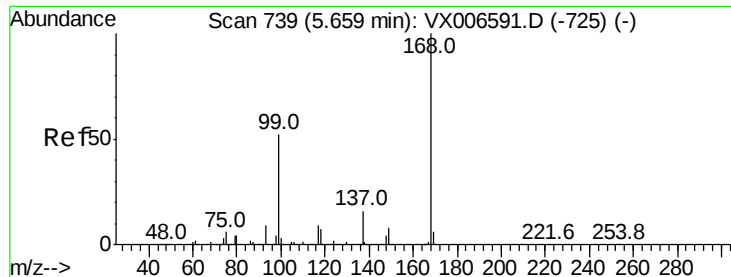
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006705.D

Acq: 21 Dec 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

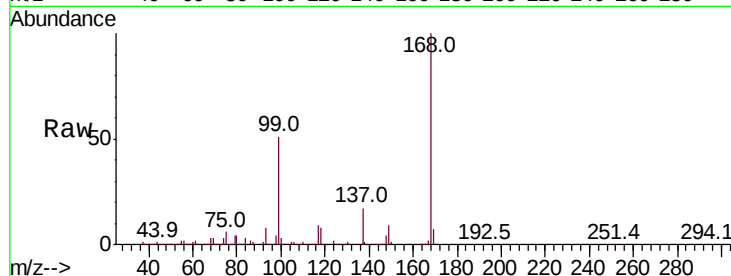
T11-MW-3-8.0-121918

Tot Ion:168 Resp: 692525

Ion Ratio Lower Upper

168 100

99 50.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

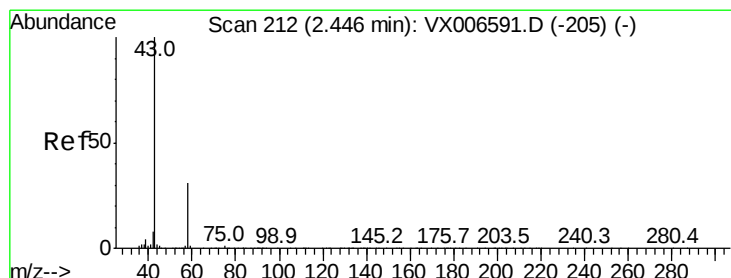
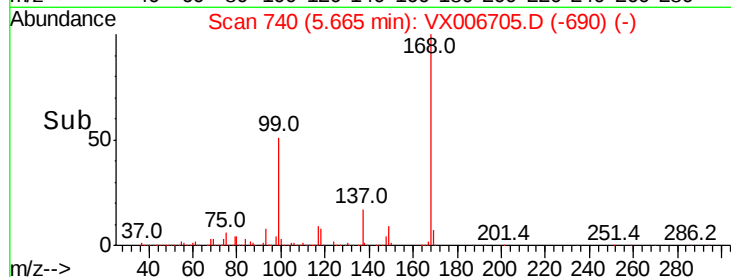
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 7.396 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006705.D

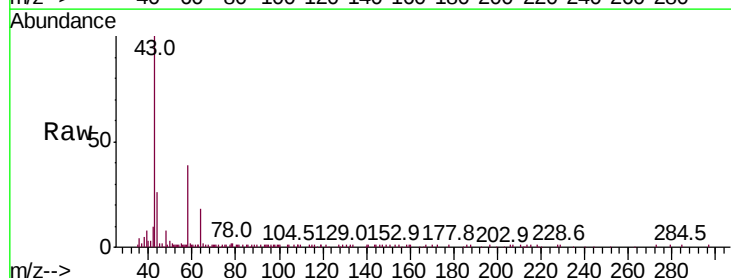
Acq: 21 Dec 2018 05:08

Tgt Ion: 43 Resp: 25362

Ion Ratio Lower Upper

43 100

58 38.8 25.0 37.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

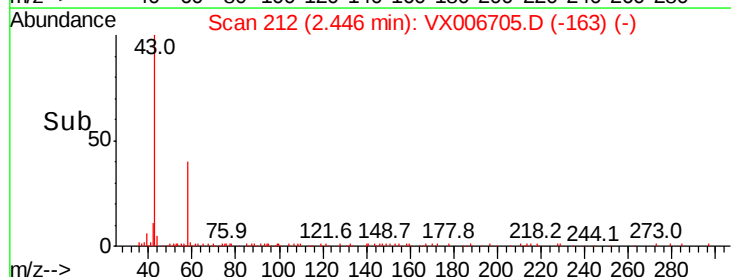
10000

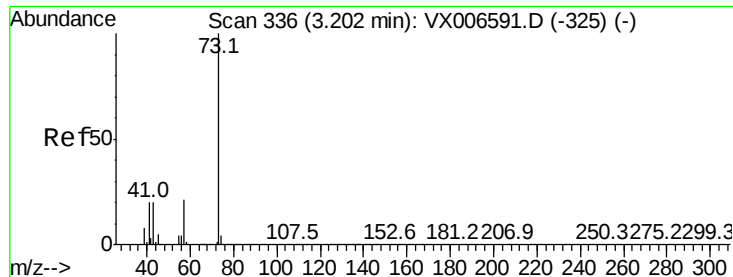
5000

0

2.35 2.40 2.45 2.50 2.55

Time-->

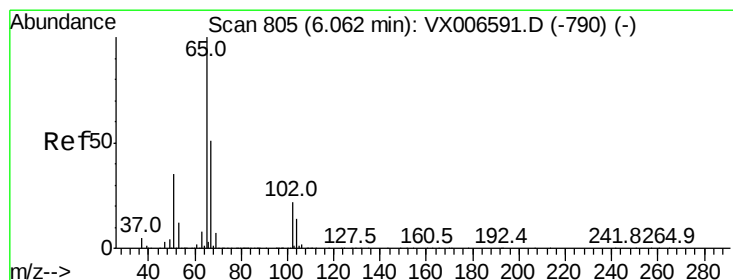
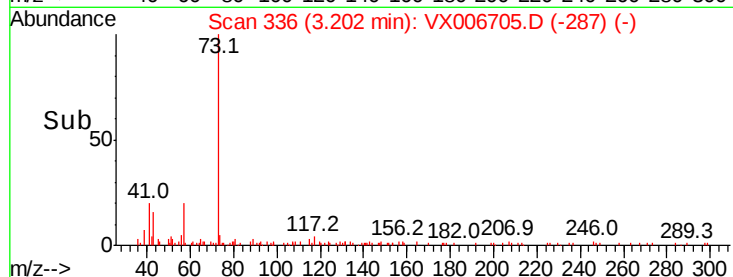
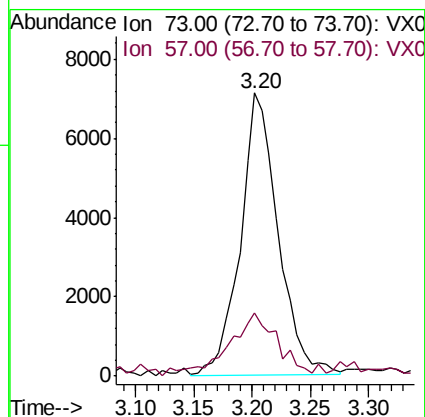
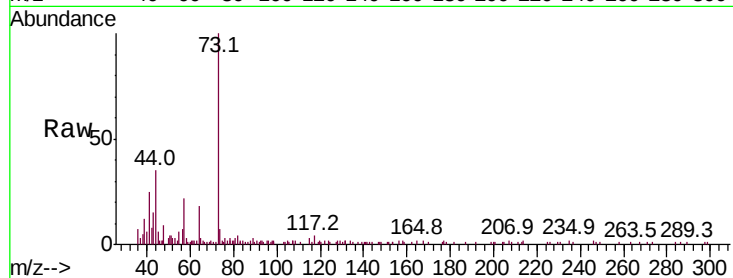




#19
Methvl tert-butvl Ether
Concen: 0.779 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006705.D
Acq: 21 Dec 2018 05:08

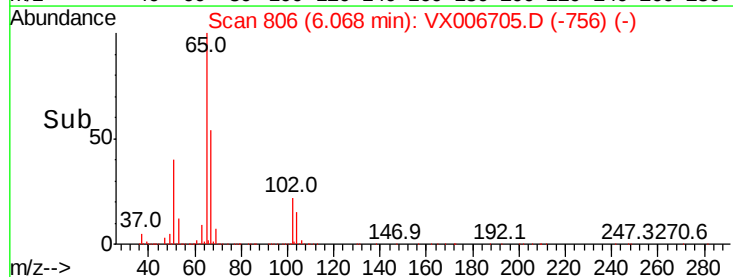
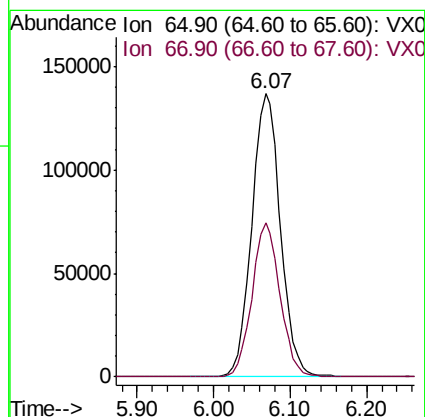
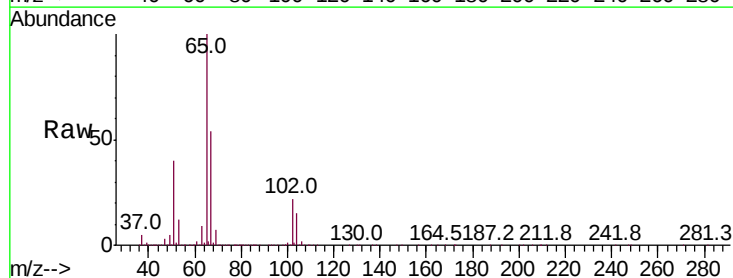
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-3-8.0-121918

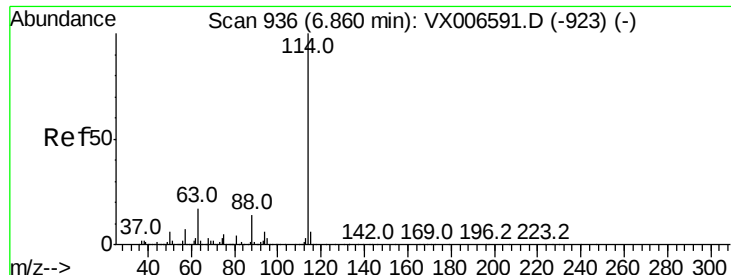
Tot Ion: 73 Resp: 16003
Ion Ratio Lower Upper
73 100
57 19.4 16.8 25.2



#33
1,2-Dichloroethane-d4
Concen: 47.729 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006705.D
Acq: 21 Dec 2018 05:08

Tgt Ion: 65 Resp: 356236
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006705.D

Acq: 21 Dec 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-3-8.0-121918

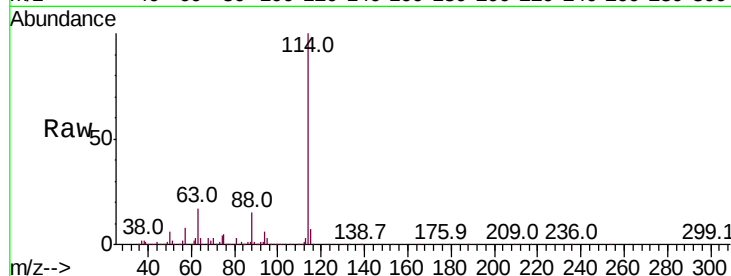
Tot Ion:114 Resp: 1057991

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.8

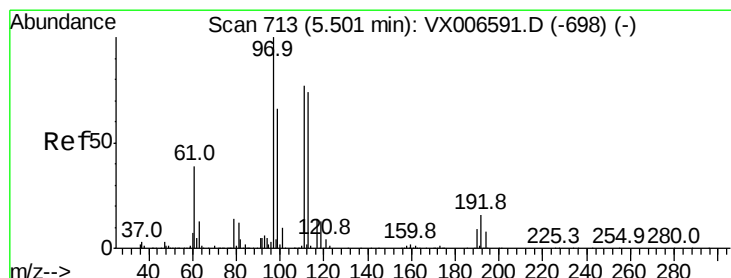
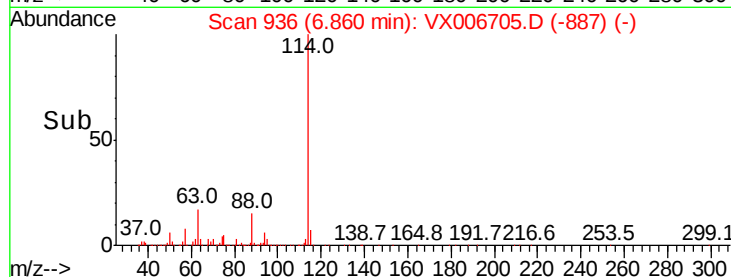
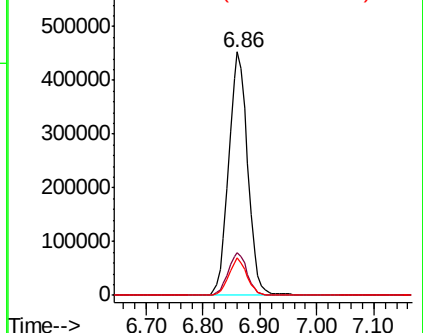
88 15.3 0.0 28.8



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: 46.861 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006705.D

Acq: 21 Dec 2018 05:08

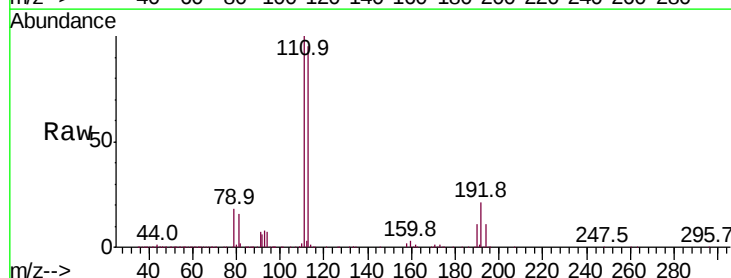
Tgt Ion:113 Resp: 313523

Ion Ratio Lower Upper

113 100

111 100.9 81.6 122.4

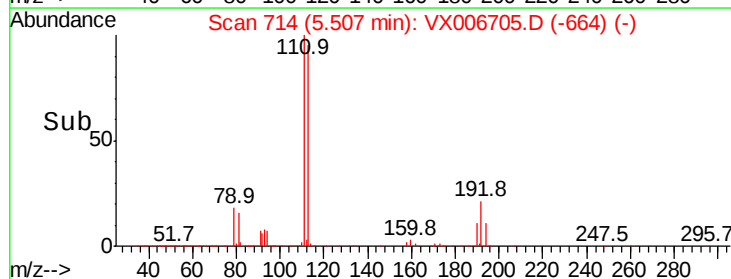
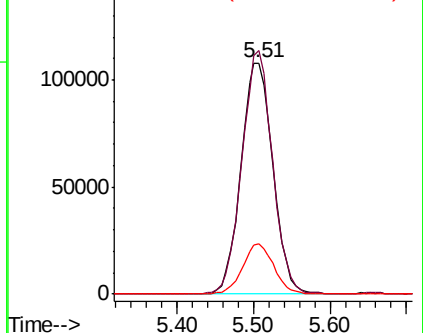
192 21.2 16.7 25.1

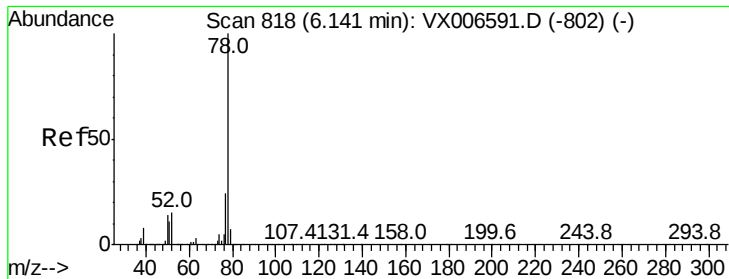


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.530 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX006705.D

Acq: 21 Dec 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

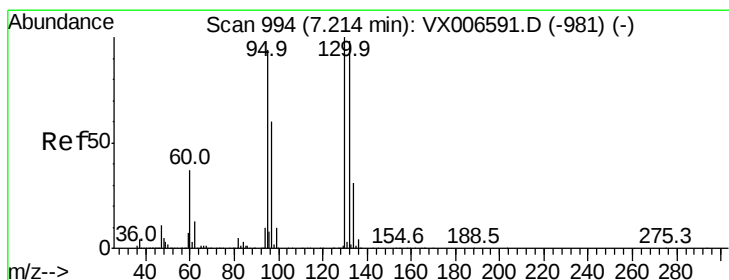
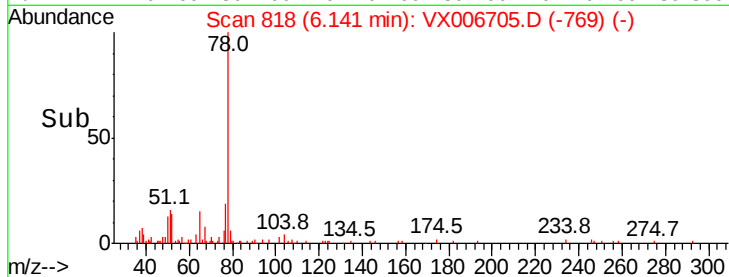
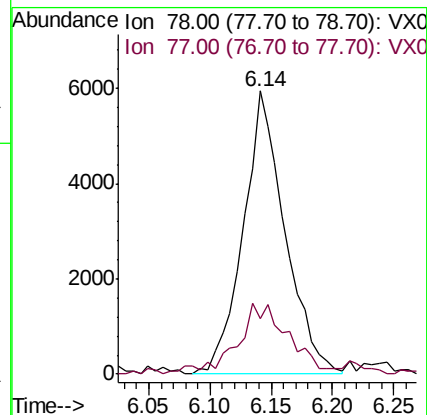
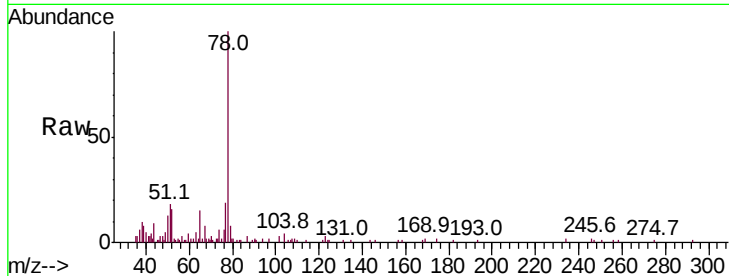
T11-MW-3-8.0-121918

Tot Ion: 78 Resp: 14125

Ion Ratio Lower Upper

78 100

77 17.7 19.2 28.8#



#44

Trichloroethene

Concen: 0.467 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX006705.D

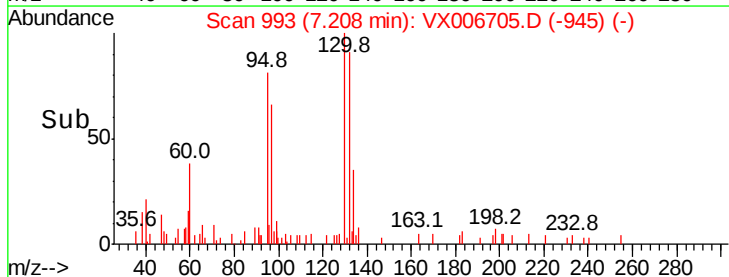
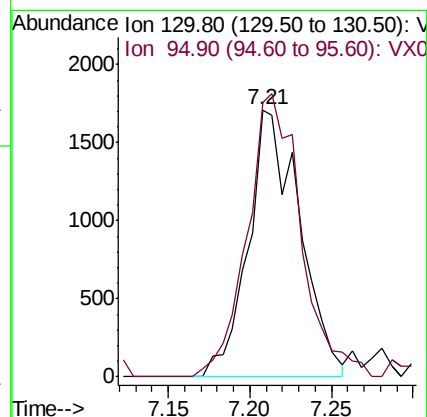
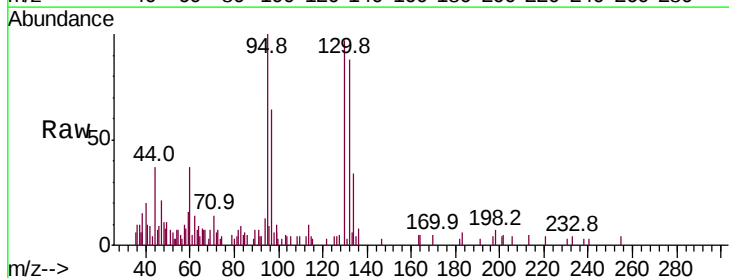
Acq: 21 Dec 2018 05:08

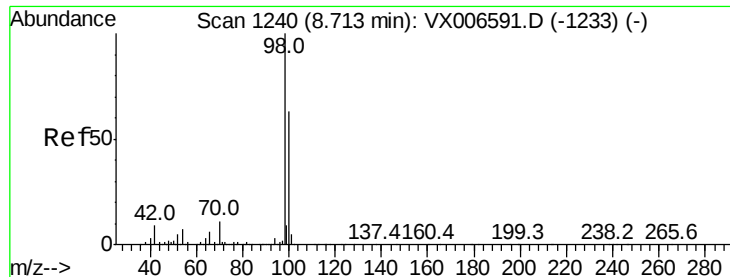
Tgt Ion: 130 Resp: 3762

Ion Ratio Lower Upper

130 100

95 103.0 0.0 187.0





#50

Toluene-d8

Concen: 48.996 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006705.D

Acq: 21 Dec 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

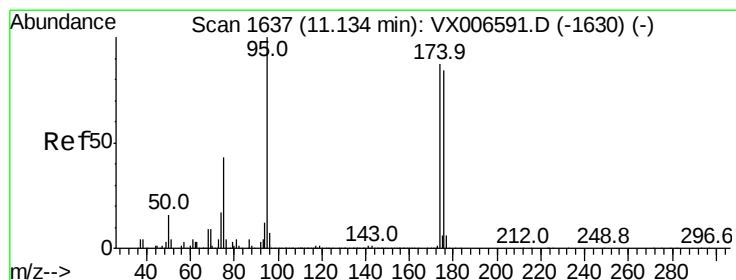
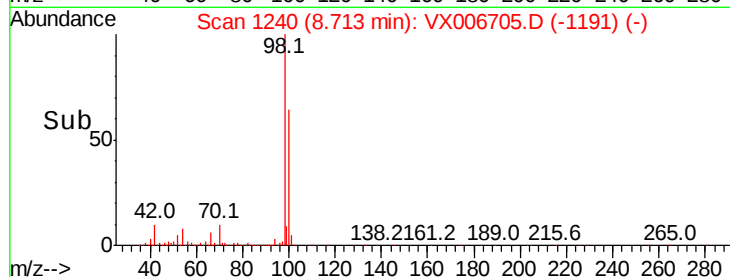
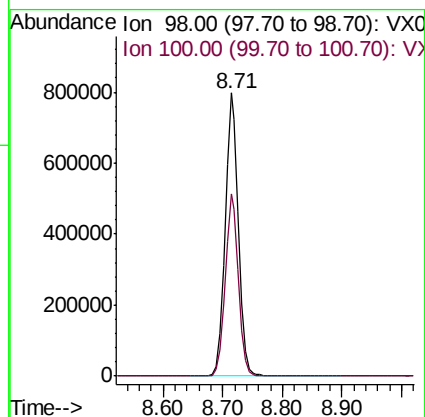
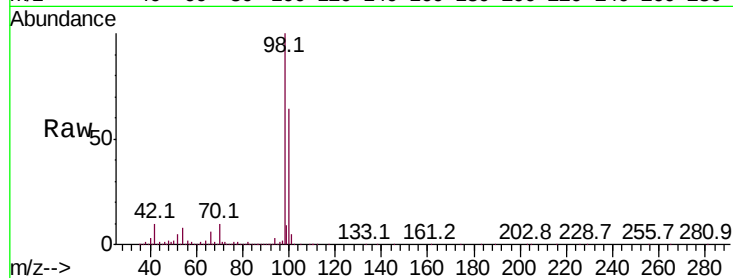
T11-MW-3-8.0-121918

Tot Ion: 98 Resp: 1235852

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.194 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006705.D

Acq: 21 Dec 2018 05:08

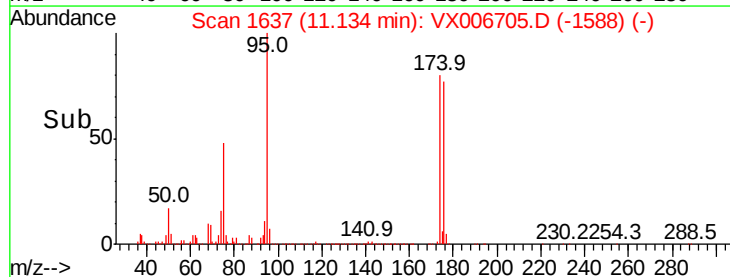
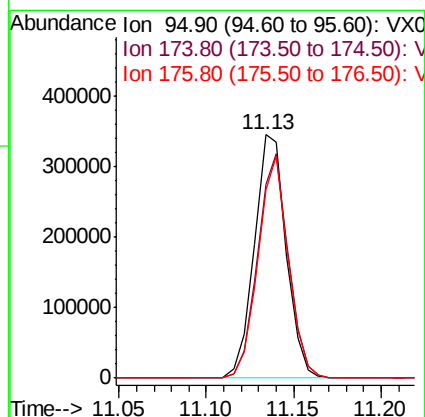
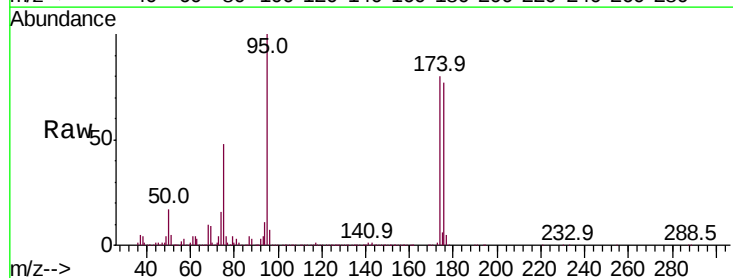
Tgt Ion: 95 Resp: 435974

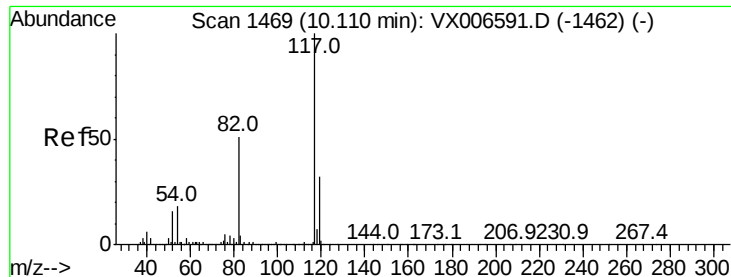
Ion Ratio Lower Upper

95 100

174 89.3 0.0 182.2

176 86.4 0.0 178.8

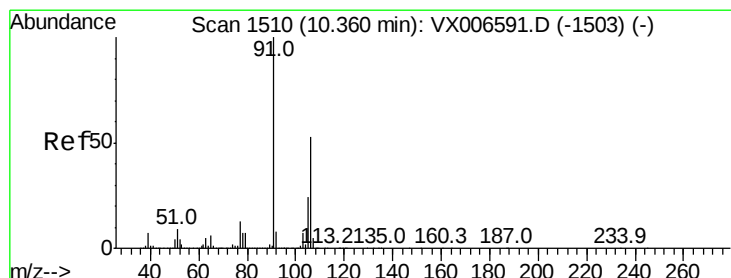
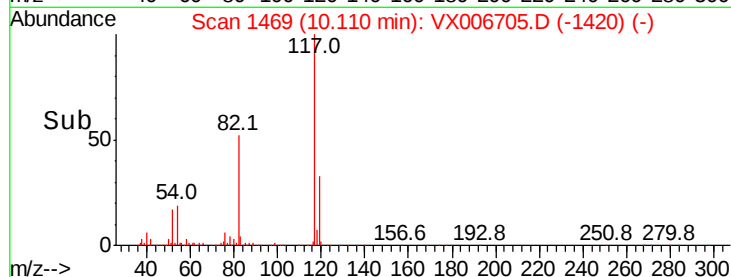
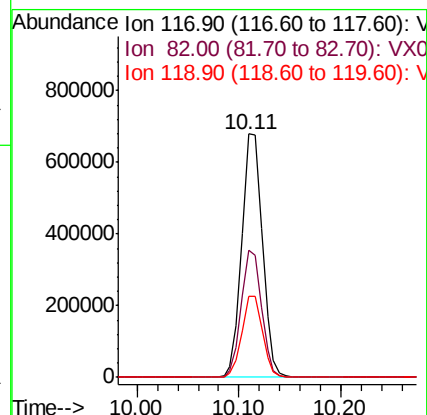
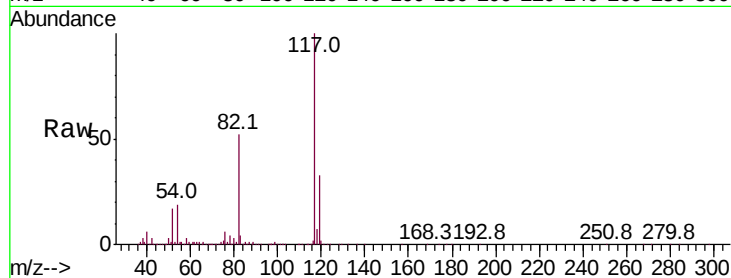




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006705.D
Acq: 21 Dec 2018 05:08

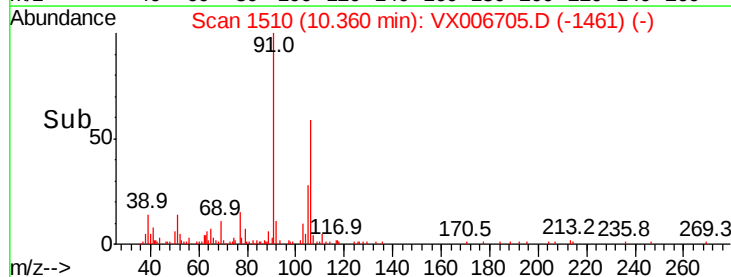
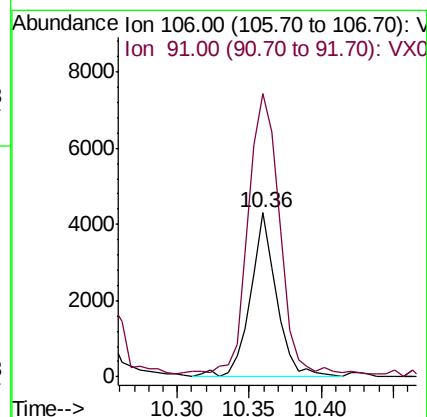
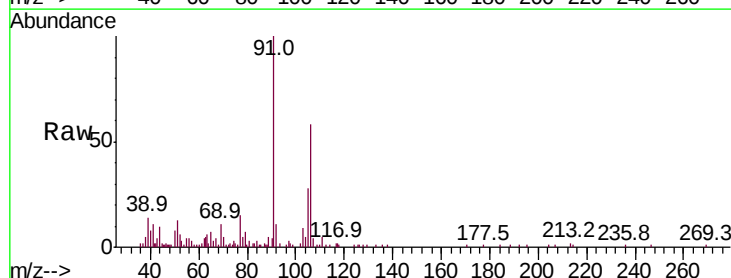
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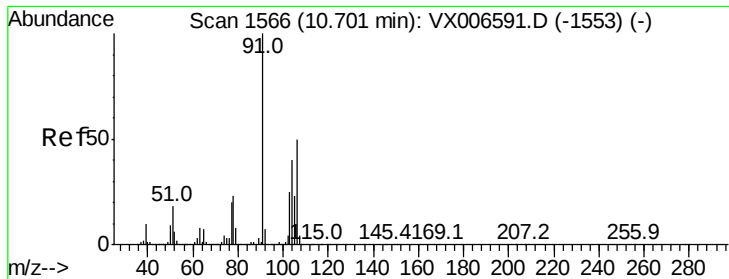
Tot Ion:117 Resp: 949716
Ion Ratio Lower Upper
117 100
82 52.3 41.0 61.6
119 33.1 25.4 38.0



#68
m/p-Xylenes
Concen: 0.414 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006705.D
Acq: 21 Dec 2018 05:08

Tgt Ion:106 Resp: 5368
Ion Ratio Lower Upper
106 100
91 206.4 155.8 233.6

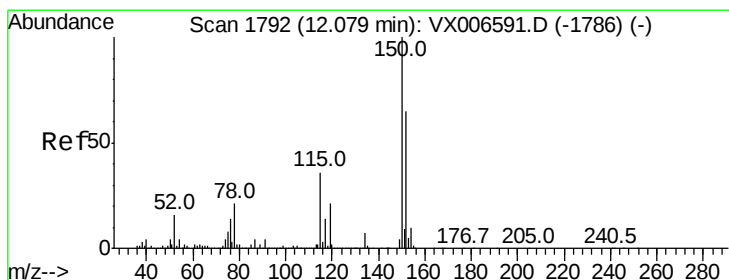
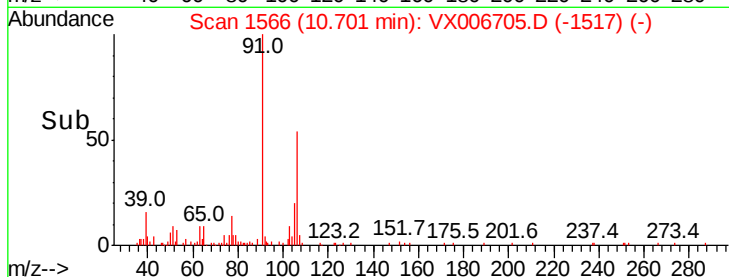
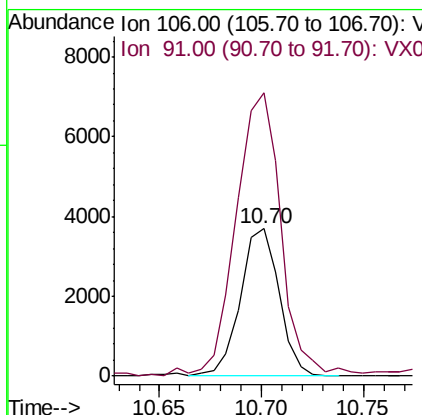
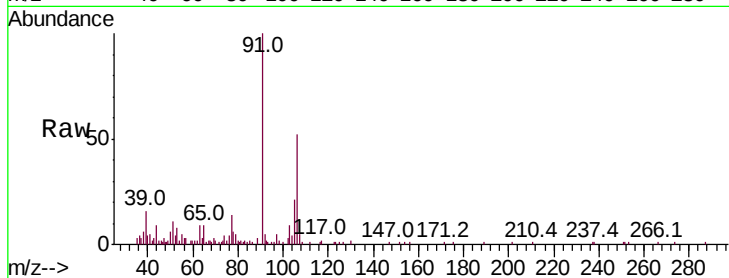




#69
o-Xylene
Concen: 0.384 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006705.D
Acq: 21 Dec 2018 05:08

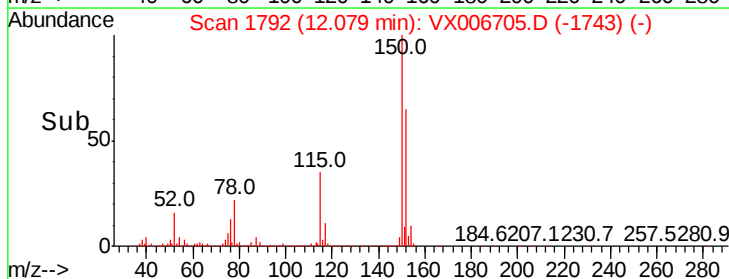
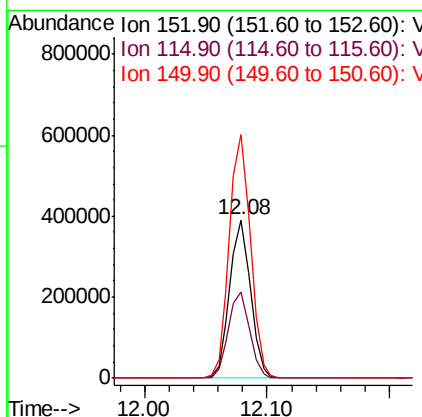
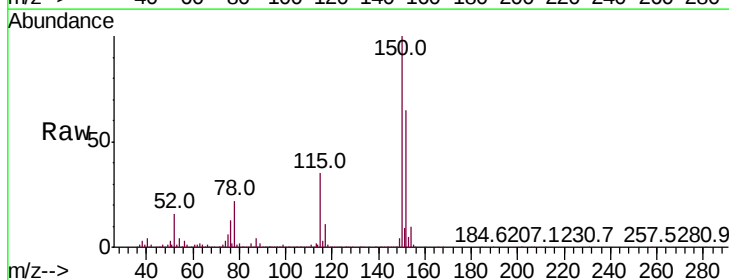
Instrument :
MSVOA_X
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T11-MW-3-8.0-121918

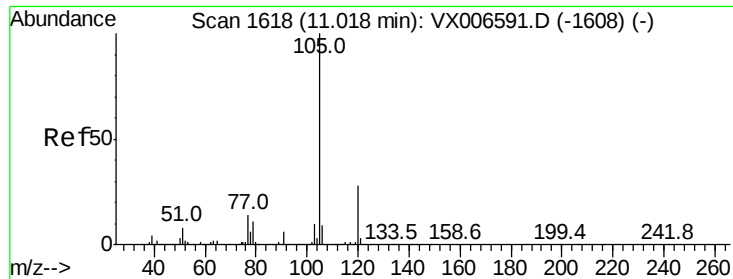
Tot Ion:106 Resp: 4910
Ion Ratio Lower Upper
106 100
91 223.6 101.3 303.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006705.D
Acq: 21 Dec 2018 05:08

Tgt Ion:152 Resp: 460333
Ion Ratio Lower Upper
152 100
115 55.5 39.1 117.2
150 156.5 0.0 344.8





#73

Isopropylbenzene

Concen: 0.226 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006705.D

Acq: 21 Dec 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

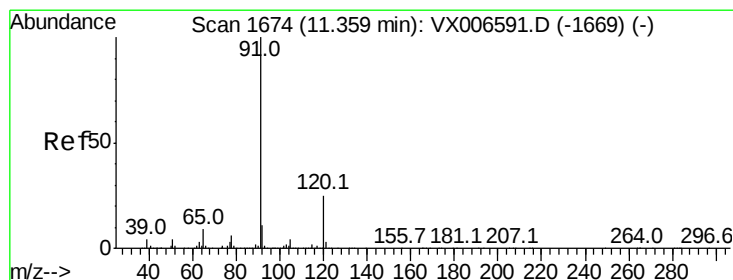
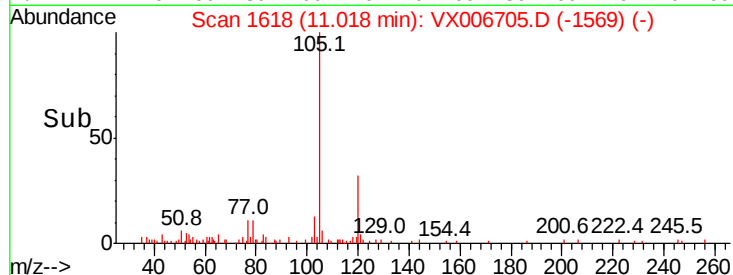
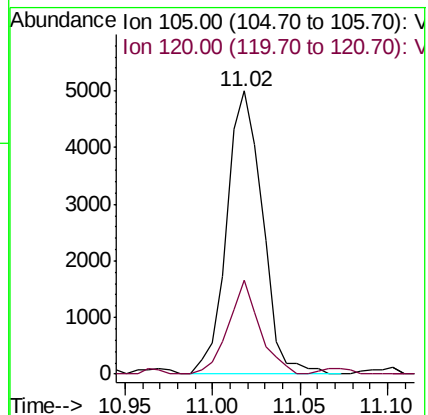
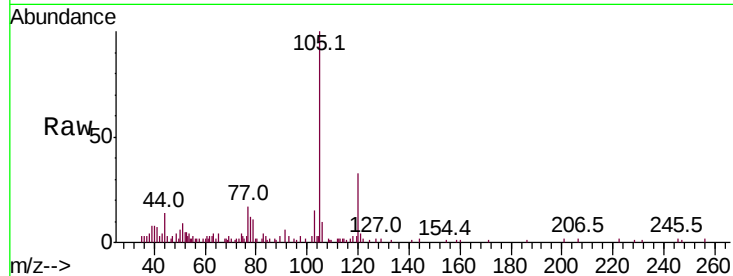
T11-MW-3-8.0-121918

Tot Ion:105 Resp: 7103

Ion Ratio Lower Upper

105 100

120 29.3 14.1 42.4



#78

n-propylbenzene

Concen: 0.503 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006705.D

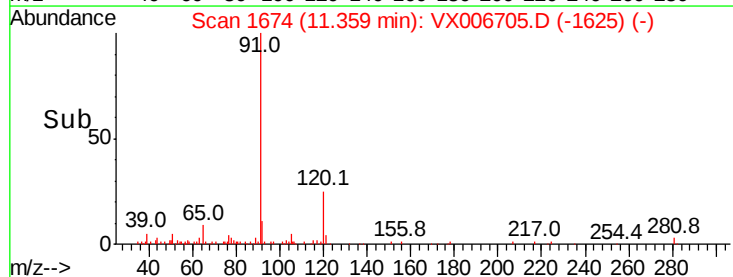
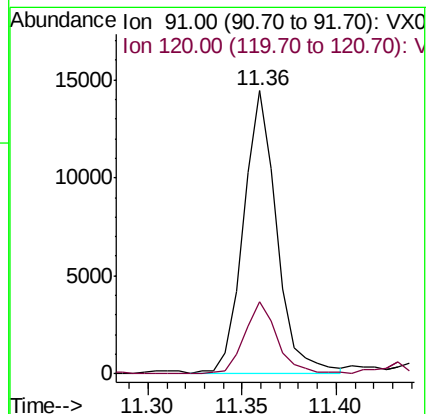
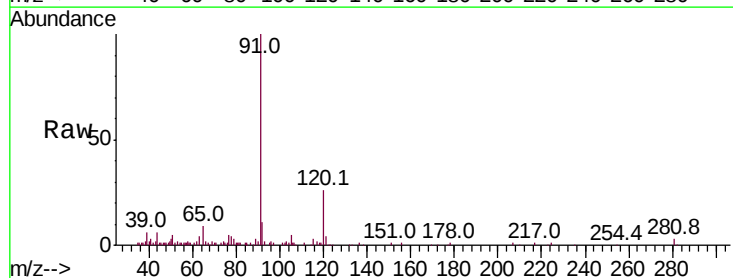
Acq: 21 Dec 2018 05:08

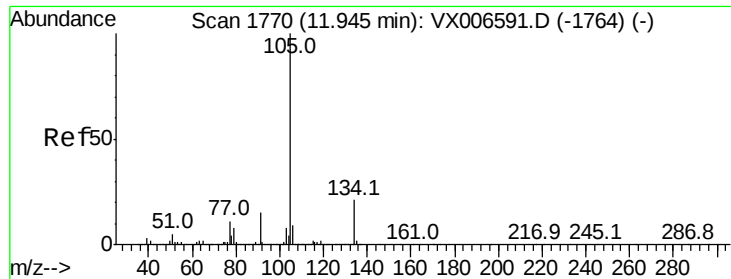
Tgt Ion: 91 Resp: 17450

Ion Ratio Lower Upper

91 100

120 25.8 12.7 38.0





#85

sec-Butylbenzene

Concen: 0.268 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006705.D

Acq: 21 Dec 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

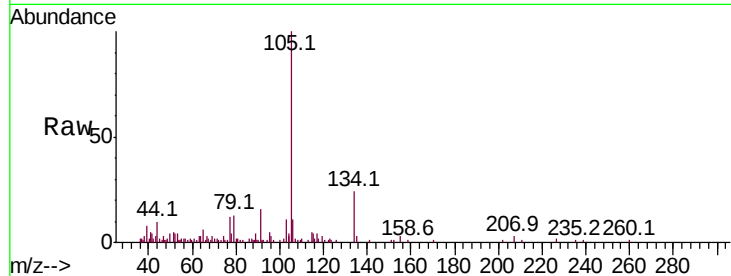
T11-MW-3-8.0-121918

Tot Ion:105 Resp: 8539

Ion Ratio Lower Upper

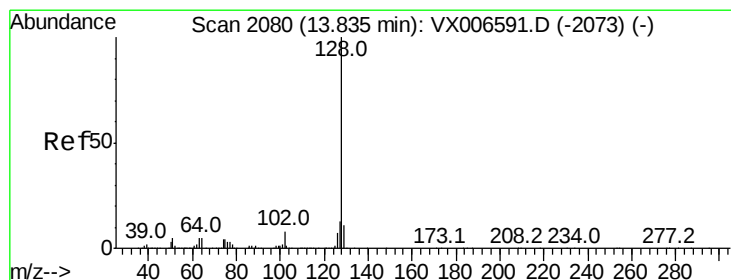
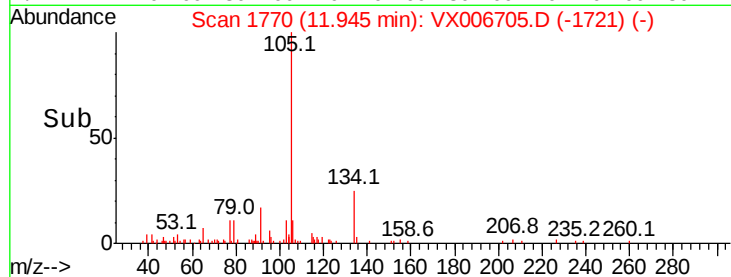
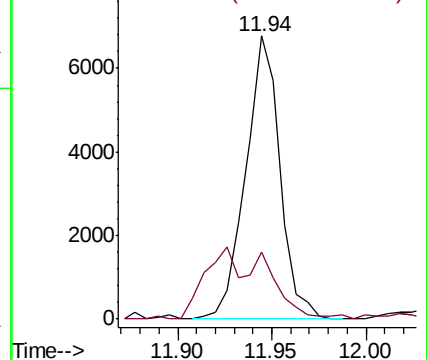
105 100

134 29.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 8.978 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006705.D

Acq: 21 Dec 2018 05:08

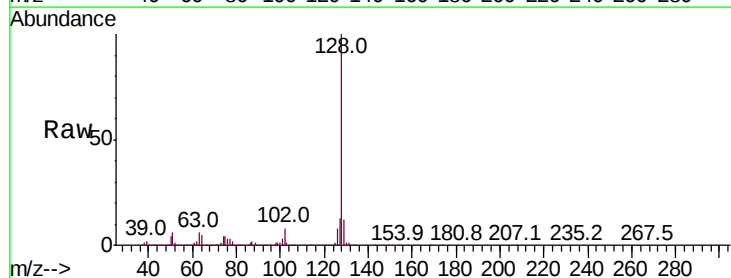
Tgt Ion:128 Resp: 303410

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 12.0 8.6 13.0



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

