

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004955.D
 Acq On : 03 Oct 2018 08:53
 Operator : JC/MD
 Sample : J5084-03 10X
 Misc : 5.82g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-9(11.5-12)

Quant Time: Oct 03 16:38:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234484	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	188432	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
35) Dibromofluoromethane	5.51	113	158141	46.65	ug/l	0.00
Spiked Amount			Recovery	=	93.30%	
50) Toluene-d8	8.71	98	589068	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	11.14	95	222564	54.81	ug/l	0.00
Spiked Amount			Recovery	=	109.62%	

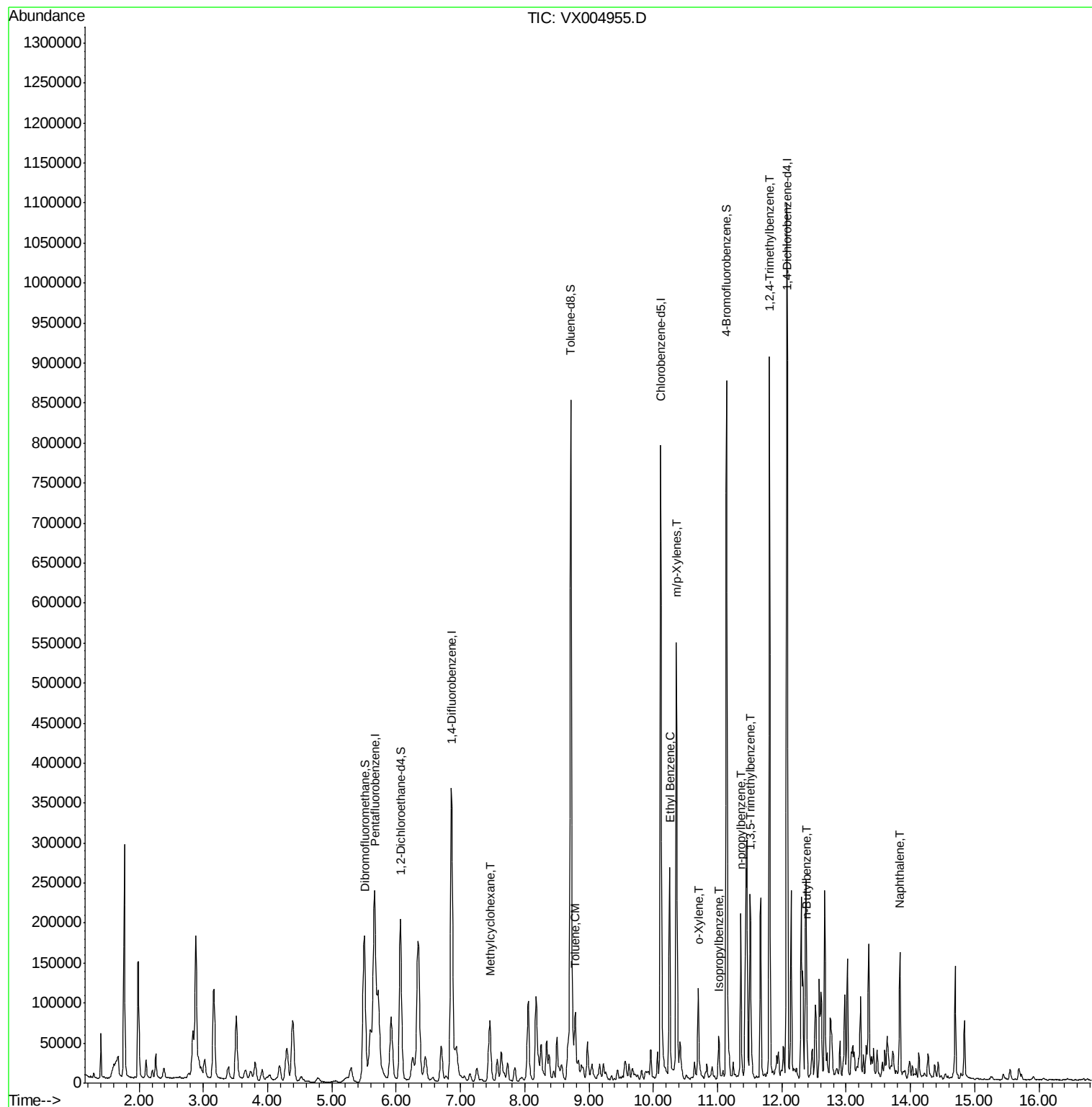
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	31907	6.755	ug/l #	71
52) Toluene	8.79	92	26918	3.383	ug/l	98
67) Ethyl Benzene	10.26	91	163207	10.163	ug/l	96
68) m/p-Xylenes	10.36	106	130815	20.845	ug/l	98
69) o-Xylene	10.70	106	26777	4.646	ug/l	97
73) Isopropylbenzene	11.02	105	27224	1.842	ug/l	98
78) n-propylbenzene	11.36	91	125935	7.426	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	101015	7.288	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	399754	28.530	ug/l	100
89) n-Butylbenzene	12.39	91	44243	3.628	ug/l #	41
95) Naphthalene	13.83	128	94269	5.483	ug/l	99

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

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Instrument :
MSVOA_X
ClientSampled :
B-9(11.5-12)

Quant Time: Oct 03 16:38:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 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: VX004955.D

Acq: 03 Oct 2018 08:53

Instrument :

MSVOA_X

ClientSampleId :

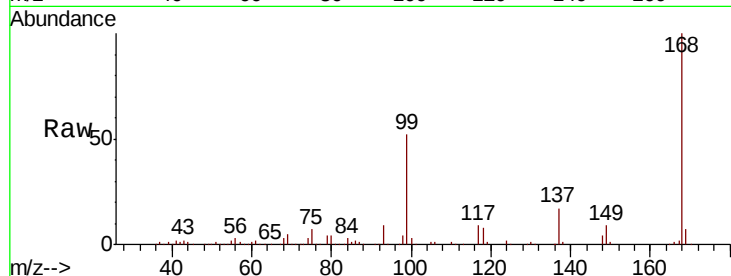
B-9(11.5-12)

Tot Ion:168 Resp: 259102

Ion Ratio Lower Upper

168 100

99 52.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

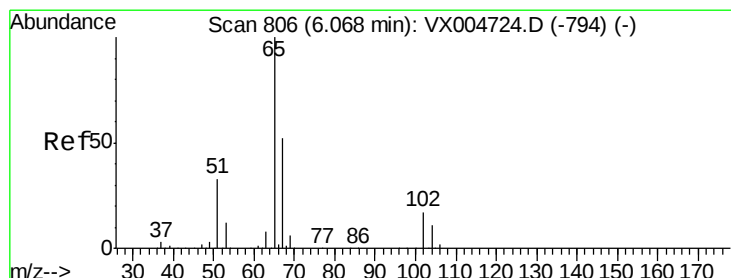
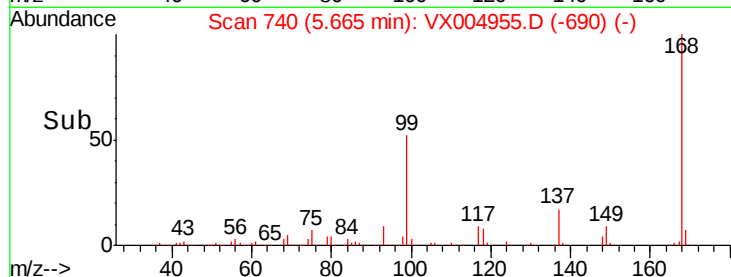
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.910 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004955.D

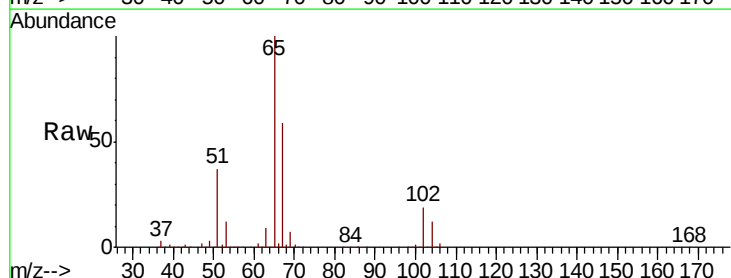
Acq: 03 Oct 2018 08:53

Tgt Ion: 65 Resp: 188432

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

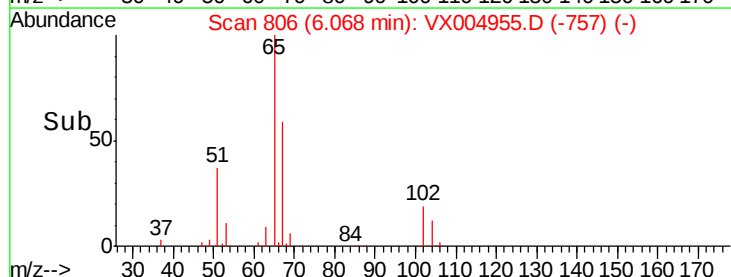
40000

20000

0

5.90 6.00 6.10 6.20

Time-->

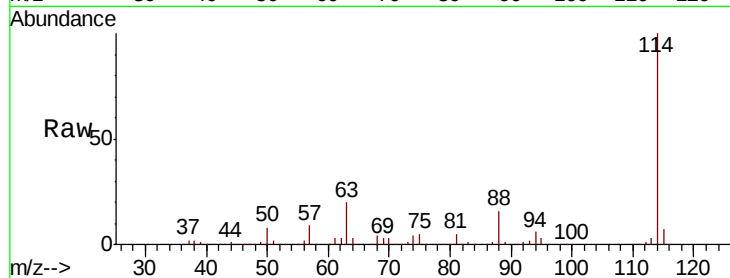




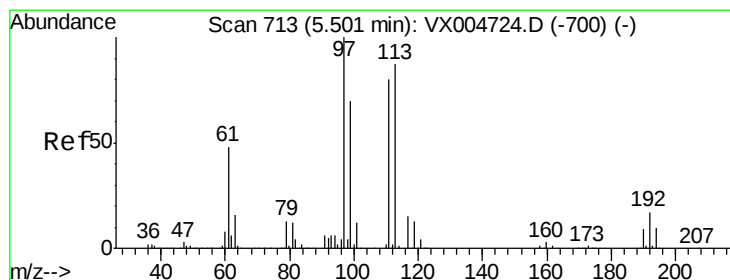
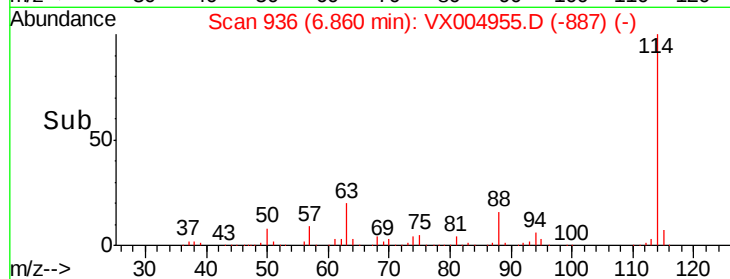
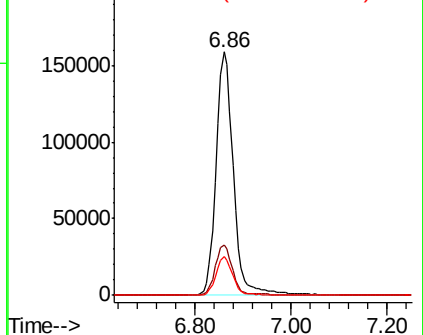
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004955.D
 Acq: 03 Oct 2018 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 B-9(11.5-12)

Tot Ion:114 Resp: 400019
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 15.9 0.0 27.0

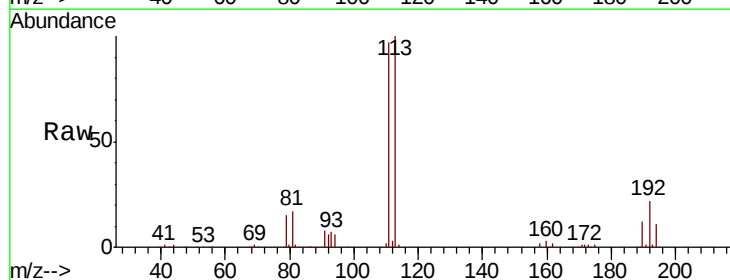


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

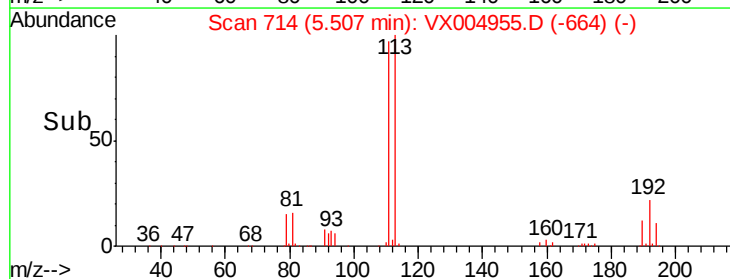
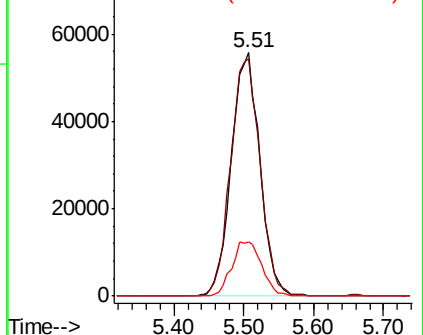


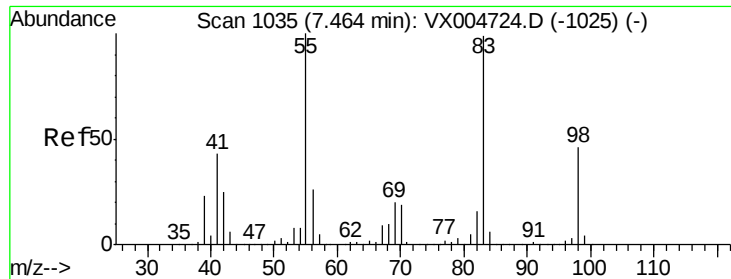
#35
 Dibromofluoromethane
 Concen: 46.646 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004955.D
 Acq: 03 Oct 2018 08:53

Tgt Ion:113 Resp: 158141
 Ion Ratio Lower Upper
 113 100
 111 100.6 77.0 115.4
 192 23.3 17.0 25.6



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

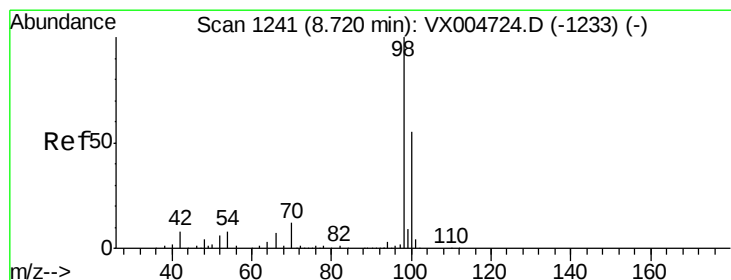
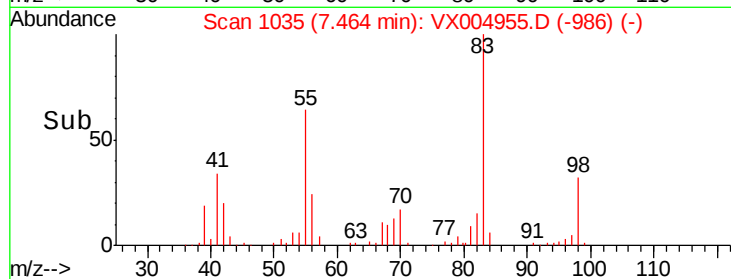
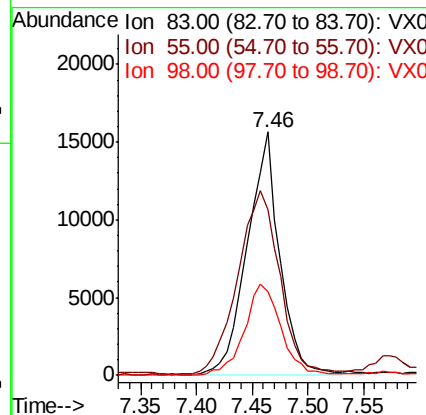
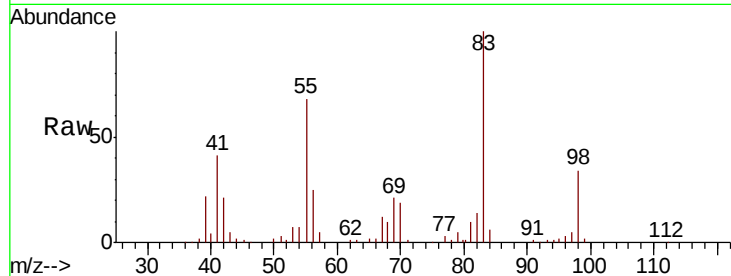




#39
Methvlcvclohexane
Concen: 6.755 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004955.D
Acq: 03 Oct 2018 08:53

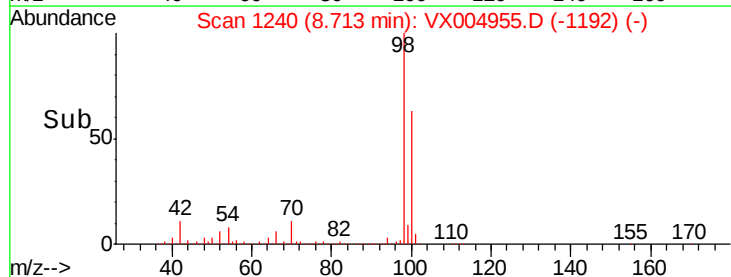
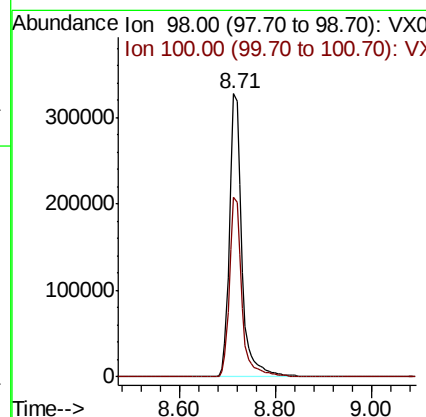
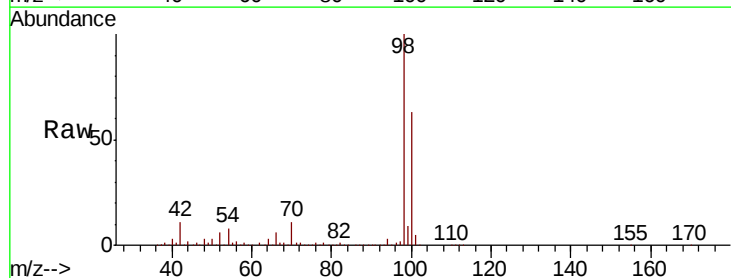
Instrument :
MSVOA_X
ClientSampleId :
B-9(11.5-12)

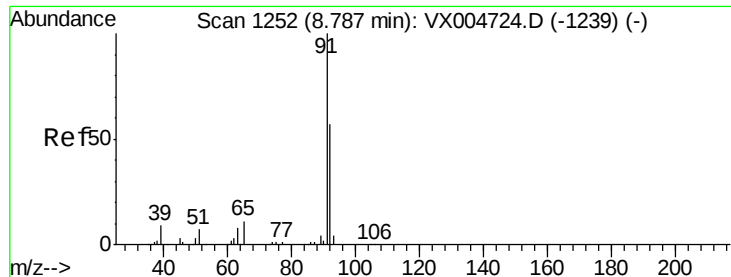
Tot Ion: 83 Resp: 31907
Ion Ratio Lower Upper
83 100
55 67.0 81.1 121.7#
98 34.2 37.3 55.9#



#50
Toluene-d8
Concen: 52.265 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004955.D
Acq: 03 Oct 2018 08:53

Tgt Ion: 98 Resp: 589068
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9





#52

Toluene

Concen: 3.383 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004955.D

Acq: 03 Oct 2018 08:53

Instrument :

MSVOA_X

ClientSampleId :

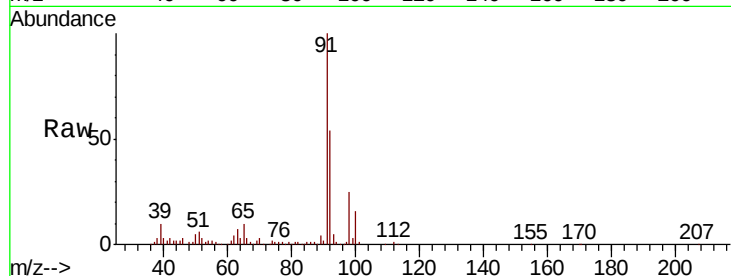
B-9(11.5-12)

Tot Ion: 92 Resp: 26918

Ion Ratio Lower Upper

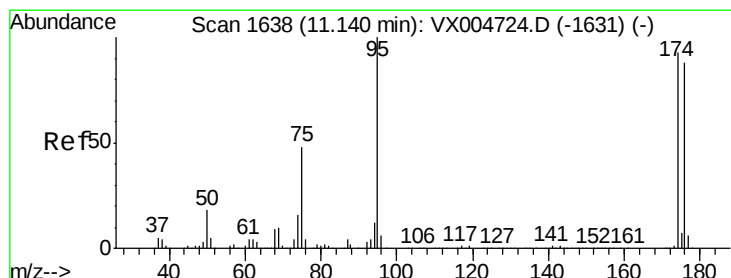
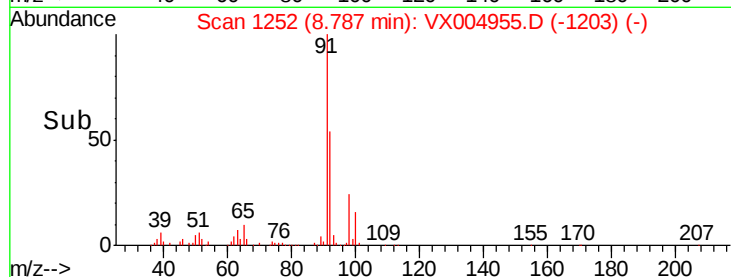
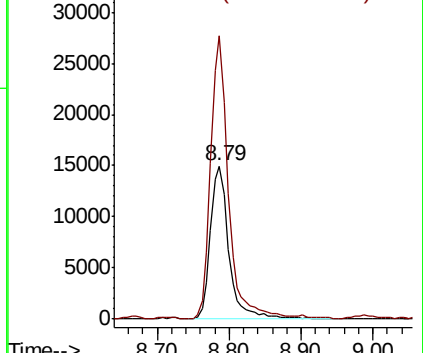
92 100

91 173.6 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.814 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004955.D

Acq: 03 Oct 2018 08:53

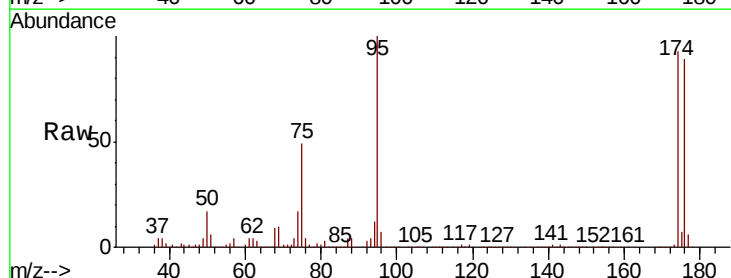
Tgt Ion: 95 Resp: 222564

Ion Ratio Lower Upper

95 100

174 91.2 0.0 185.0

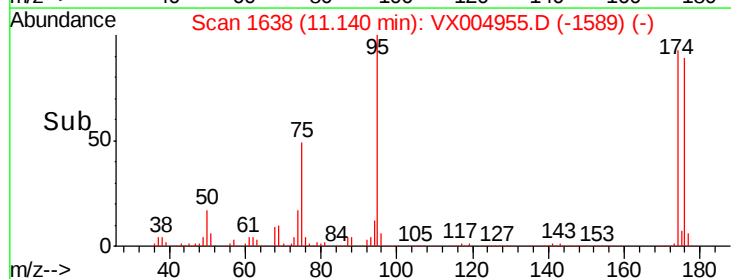
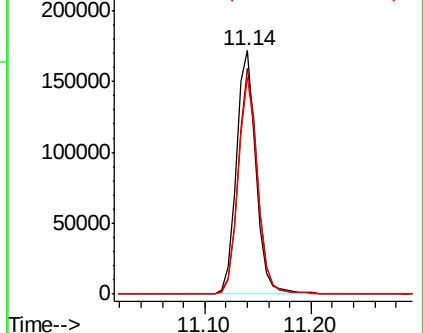
176 88.4 0.0 180.2

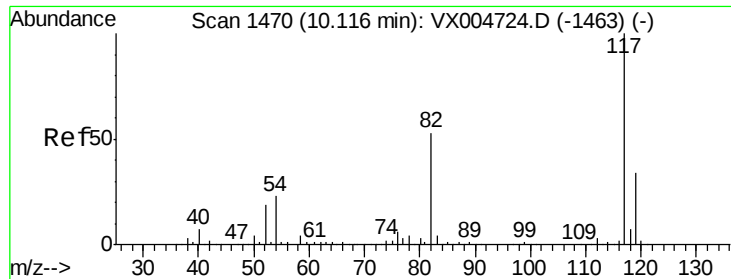


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

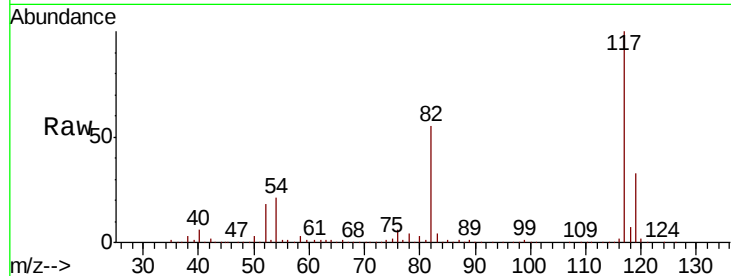




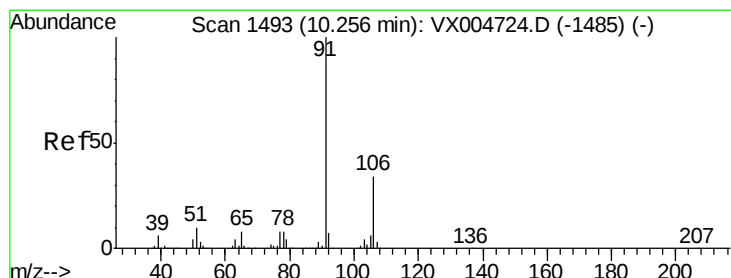
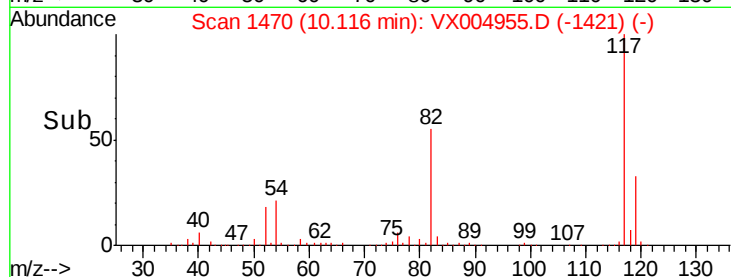
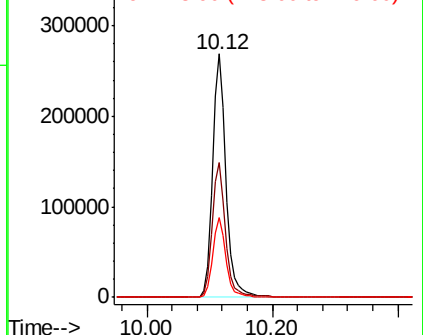
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004955.D
Acq: 03 Oct 2018 08:53

Instrument :
MSVOA_X
ClientSampled :
B-9(11.5-12)

Tot Ion:117 Resp: 394469
Ion Ratio Lower Upper
117 100
82 55.3 42.2 63.4
119 32.7 27.4 41.0

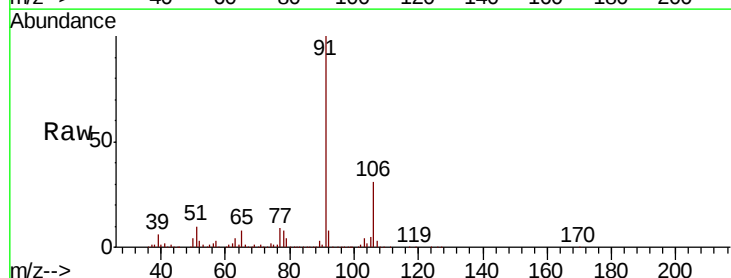


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

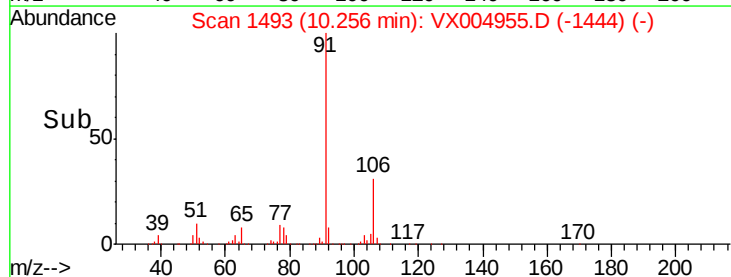
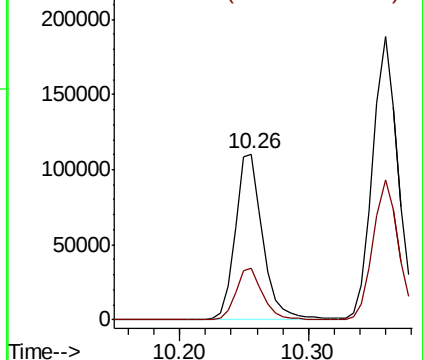


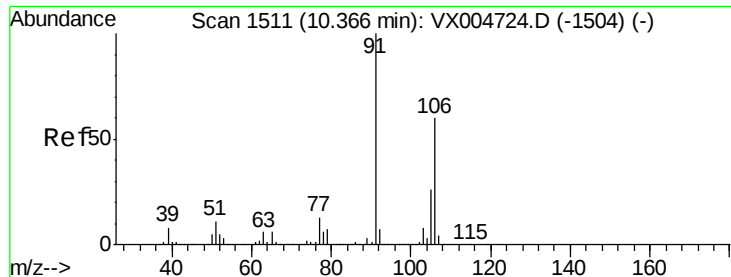
#67
Ethyl Benzene
Concen: 10.163 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004955.D
Acq: 03 Oct 2018 08:53

Tgt Ion: 91 Resp: 163207
Ion Ratio Lower Upper
91 100
106 31.4 26.9 40.3



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

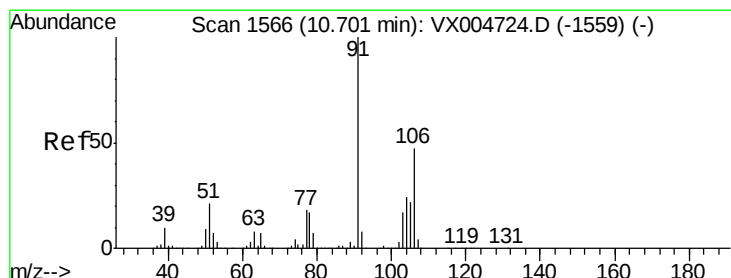
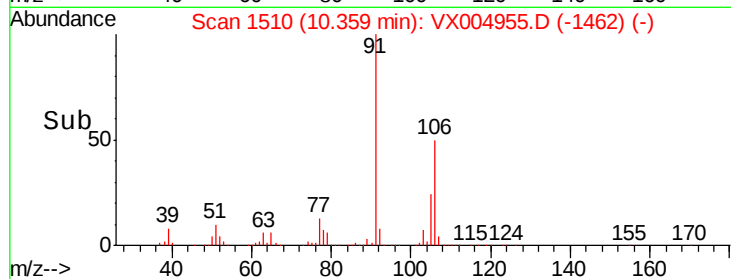
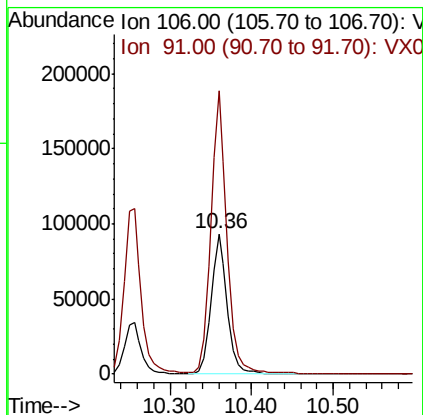
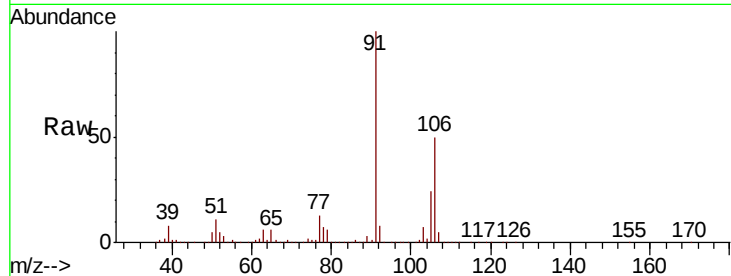




#68
m/p-Xvlenes
Concen: 20.845 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004955.D
Acq: 03 Oct 2018 08:53

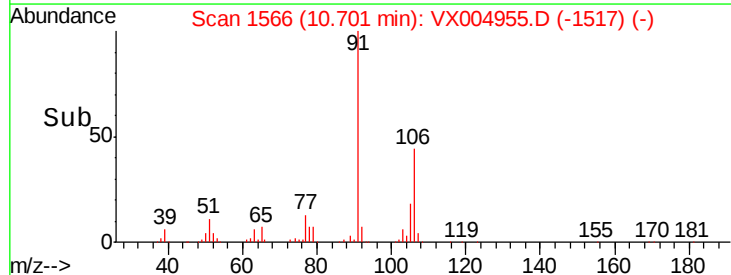
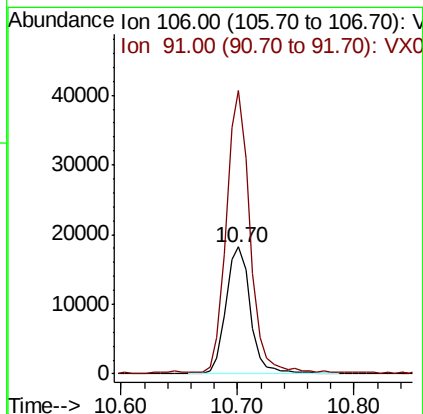
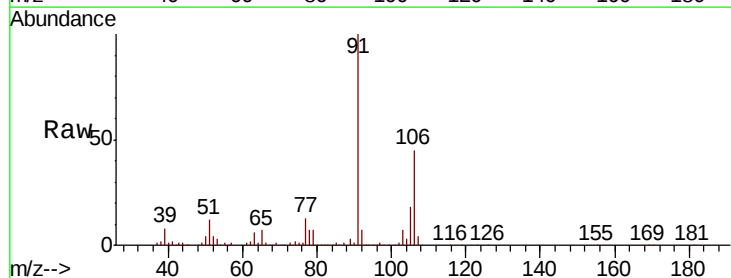
Instrument :
MSVOA_X
ClientSampled :
B-9(11.5-12)

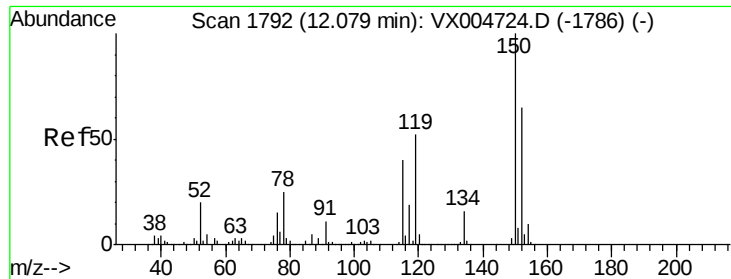
Tot Ion:106 Resp: 130815
Ion Ratio Lower Upper
106 100
91 200.4 157.5 236.3



#69
o-Xylene
Concen: 4.646 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004955.D
Acq: 03 Oct 2018 08:53

Tgt Ion:106 Resp: 26777
Ion Ratio Lower Upper
106 100
91 211.6 108.3 324.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004955.D

Acq: 03 Oct 2018 08:53

Instrument :

MSVOA_X

ClientSampleId :

B-9(11.5-12)

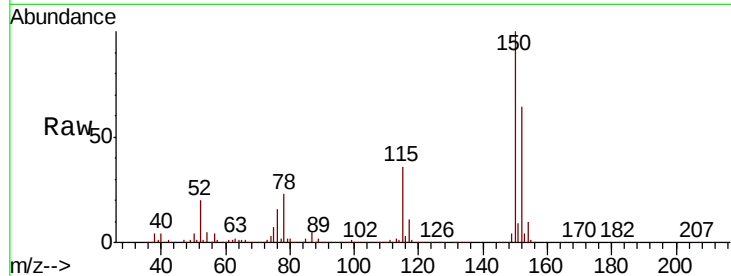
Tot Ion:152 Resp: 234484

Ion Ratio Lower Upper

152 100

115 55.3 40.2 120.6

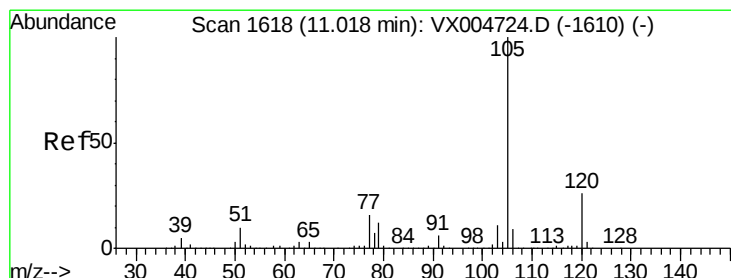
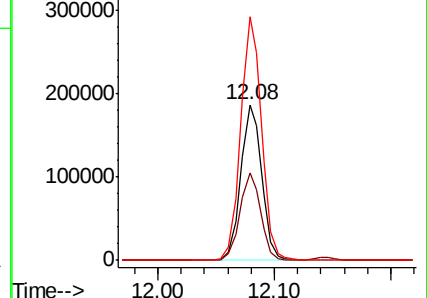
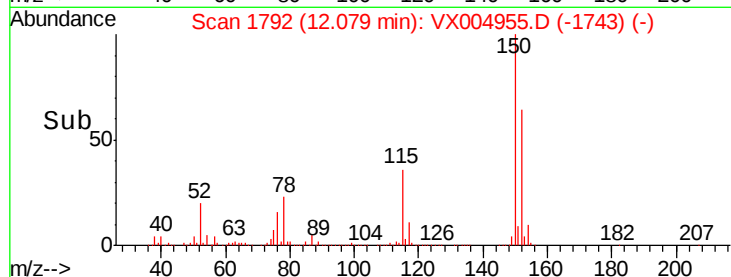
150 155.6 0.0 351.0



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: 1.842 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004955.D

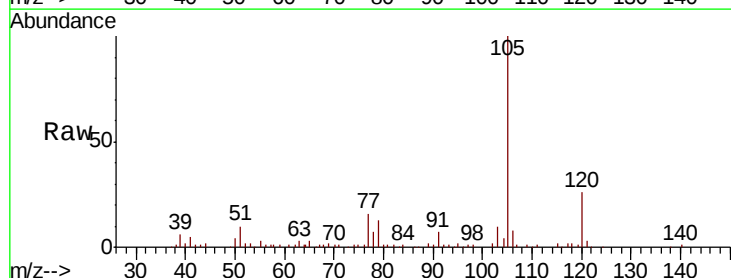
Acq: 03 Oct 2018 08:53

Tgt Ion:105 Resp: 27224

Ion Ratio Lower Upper

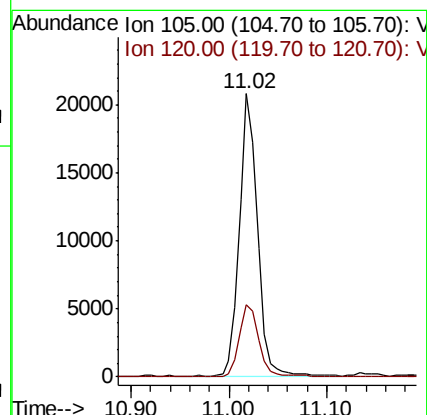
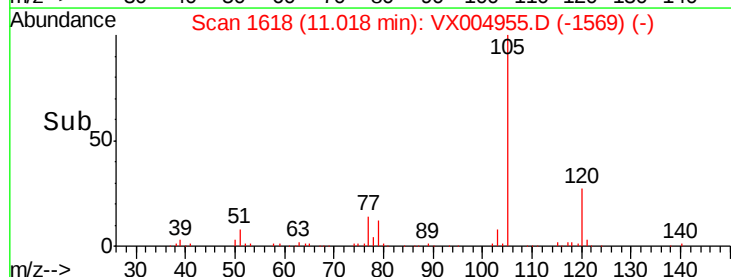
105 100

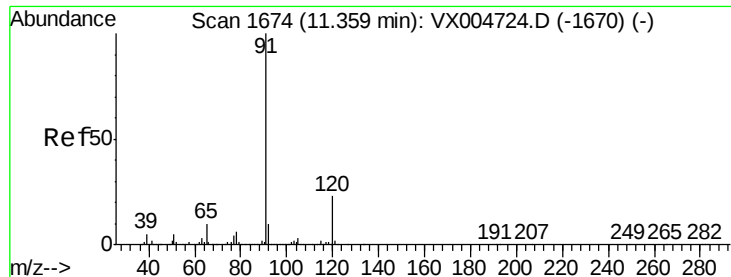
120 27.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 7.426 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004955.D

Acq: 03 Oct 2018 08:53

Instrument :

MSVOA_X

ClientSampled :

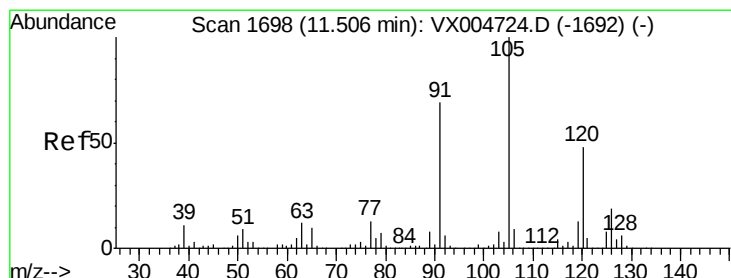
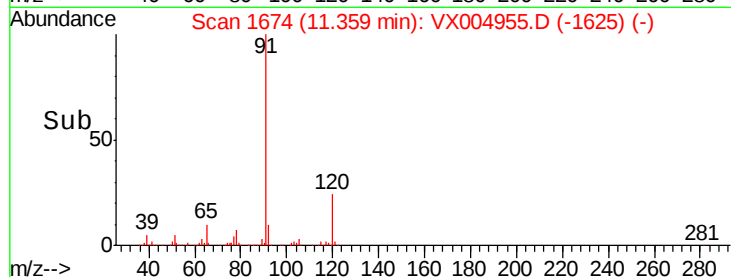
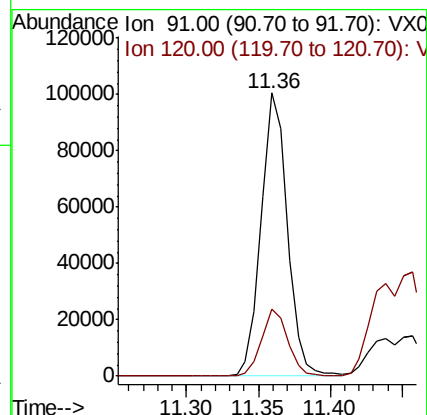
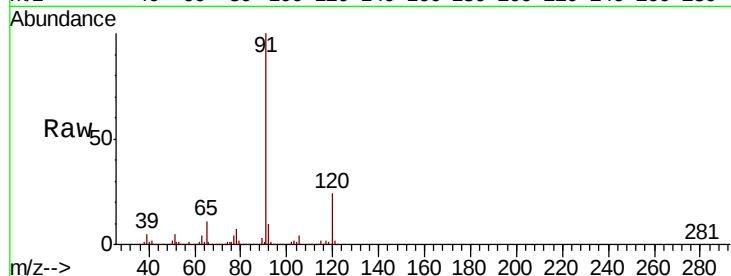
B-9(11.5-12)

Tot Ion: 91 Resp: 125935

Ion Ratio Lower Upper

91 100

120 23.4 12.0 36.0



#80

1,3,5-Trimethylbenzene

Concen: 7.288 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004955.D

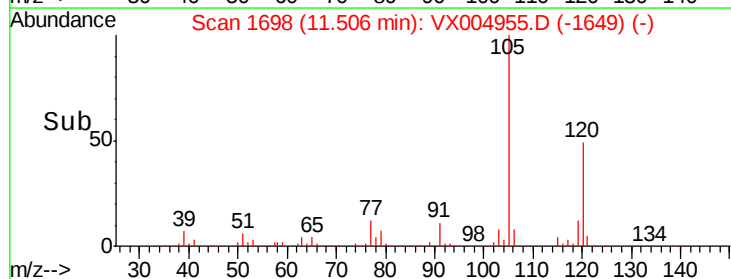
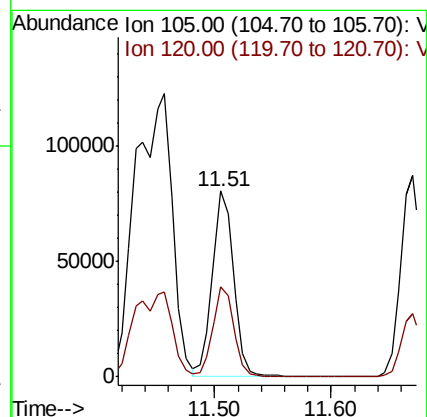
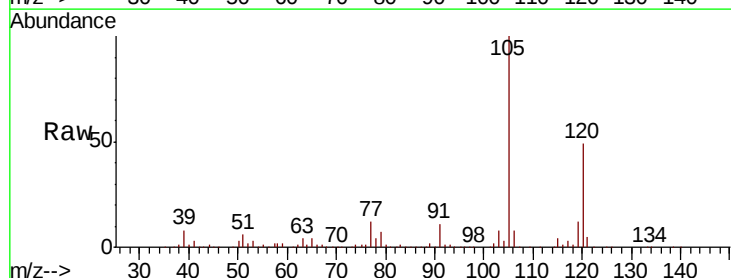
Acq: 03 Oct 2018 08:53

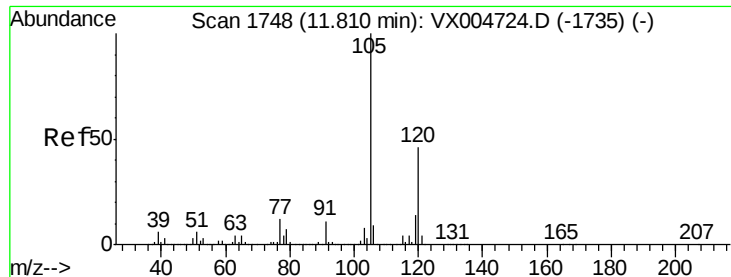
Tgt Ion:105 Resp: 101015

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 28.530 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004955.D

Acq: 03 Oct 2018 08:53

Instrument :

MSVOA_X

ClientSampled :

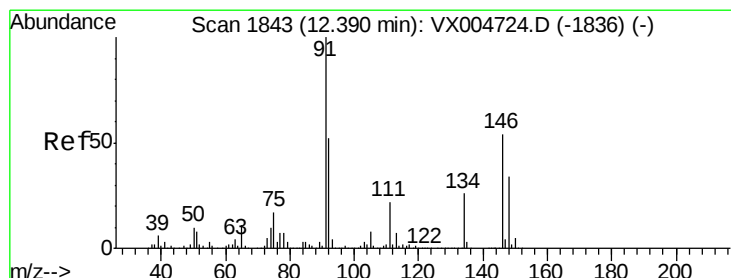
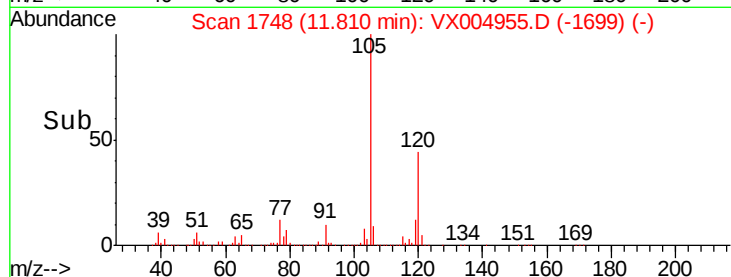
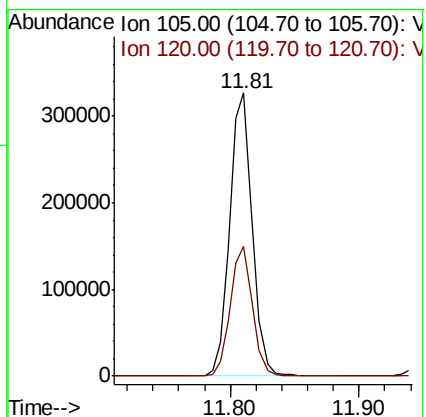
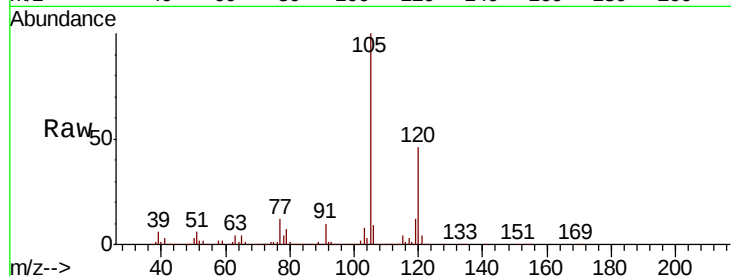
B-9(11.5-12)

Tot Ion:105 Resp: 399754

Ion Ratio Lower Upper

105 100

120 45.6 22.8 68.3



#89

n-Butylbenzene

Concen: 3.628 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004955.D

Acq: 03 Oct 2018 08:53

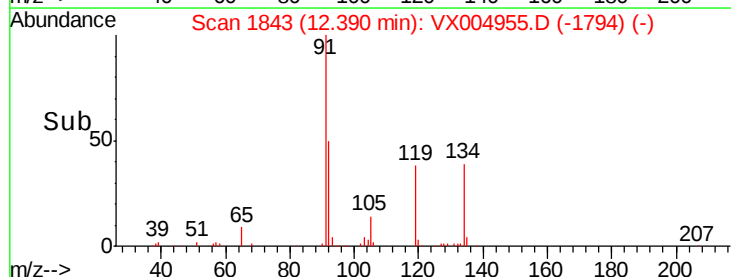
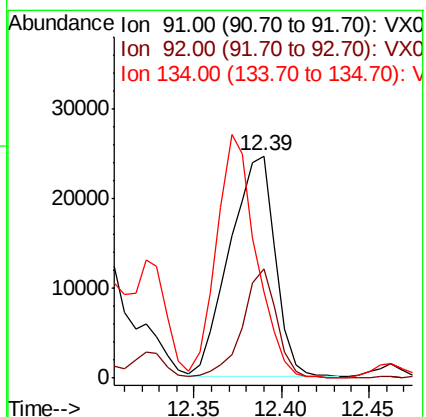
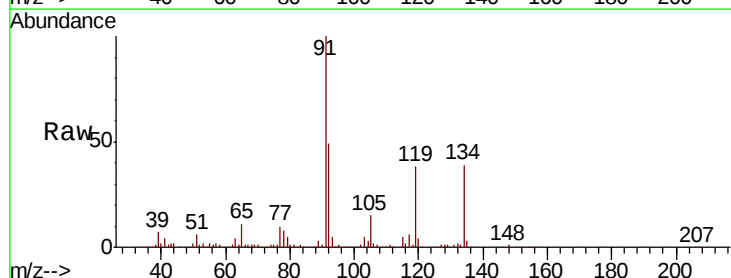
Tgt Ion: 91 Resp: 44243

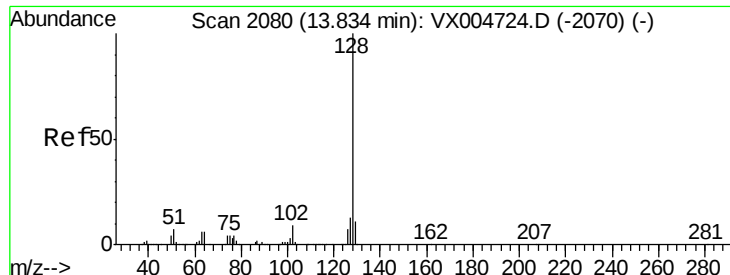
Ion Ratio Lower Upper

91 100

92 37.9 26.0 78.0

134 95.8 13.2 39.6#





#95

Naphthalene

Concen: 5.483 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004955.D

Acq: 03 Oct 2018 08:53

Instrument :

MSVOA_X

ClientSampleId :

B-9(11.5-12)

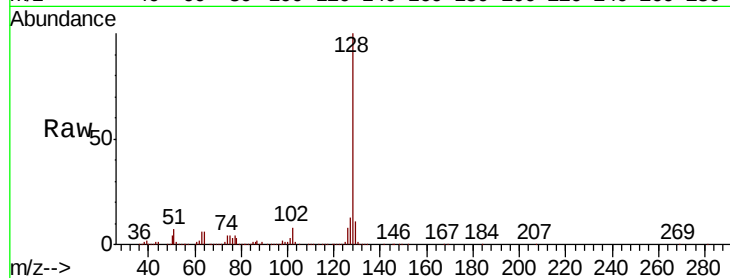
Tot Ion:128 Resp: 94269

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.4 8.7 13.1



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

