

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004956.D
 Acq On : 03 Oct 2018 09:19
 Operator : JC/MD
 Sample : J5084-04 10X
 Misc : 4.21g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-7(6-6.5)

Quant Time: Oct 03 16:39:39 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	268957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	409372	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	407654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	248624	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	188446	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
35) Dibromofluoromethane	5.51	113	157742	45.47	ug/l	0.00
Spiked Amount			Recovery	=	90.94%	
50) Toluene-d8	8.71	98	598259	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	11.14	95	244688	58.89	ug/l	0.00
Spiked Amount			Recovery	=	117.78%	

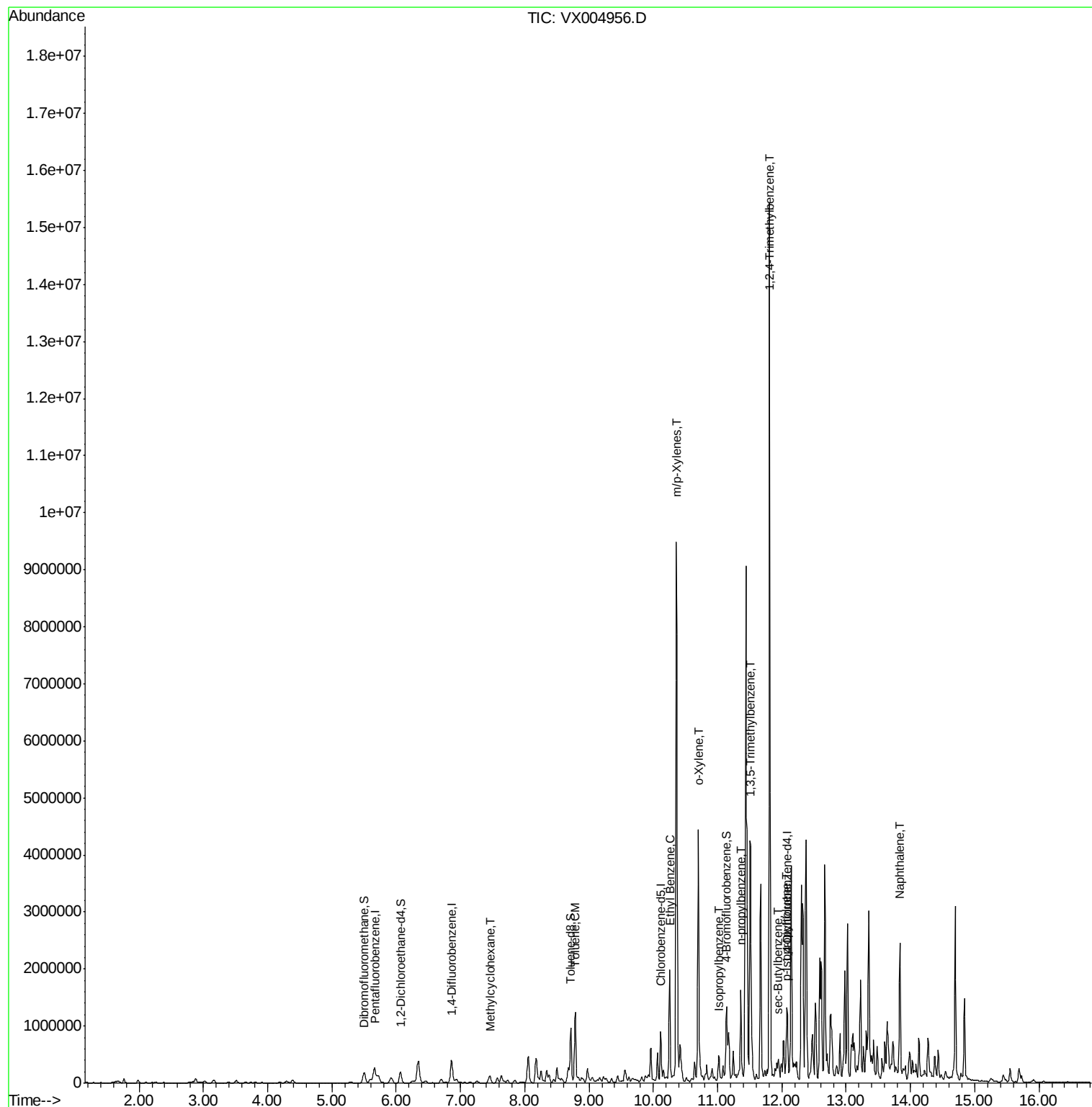
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	48884	10.113	ug/l	94
52) Toluene	8.79	92	485641	59.638	ug/l	98
67) Ethyl Benzene	10.26	91	1064944	64.168	ug/l	96
68) m/p-Xylenes	10.36	106	2270828	350.151	ug/l	97
69) o-Xylene	10.70	106	970754	162.969	ug/l	100
73) Isopropylbenzene	11.02	105	223039	14.232	ug/l	100
78) n-propylbenzene	11.36	91	993797	55.270	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1915272	133.677	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	6451199	437.060	ug/l	97
85) sec-Butylbenzene	11.95	105	161059m	10.248	ug/l	
86) p-Isopropyltoluene	12.07	119	95892m	6.735	ug/l	
95) Naphthalene	13.83	128	1456552	70.137	ug/l	99

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

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ClientSampleId :
B-7(6-6.5)

Quant Time: Oct 03 16:39:39 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: VX004956.D

Acq: 03 Oct 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

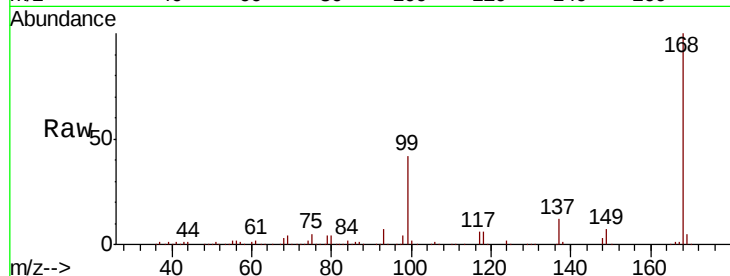
B-7(6-6.5)

Tot Ion:168 Resp: 268957

Ion Ratio Lower Upper

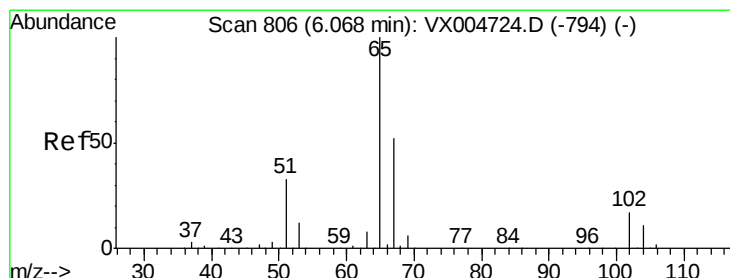
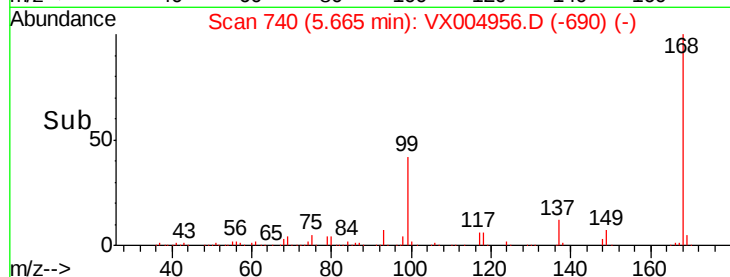
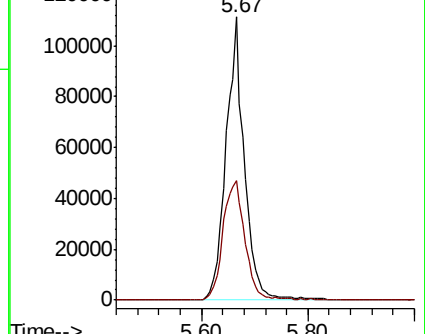
168 100

99 42.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.048 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004956.D

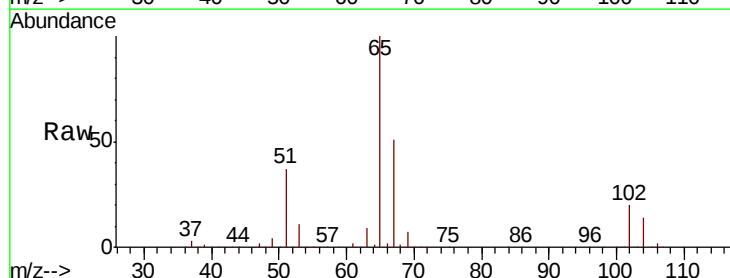
Acq: 03 Oct 2018 09:19

Tgt Ion: 65 Resp: 188446

Ion Ratio Lower Upper

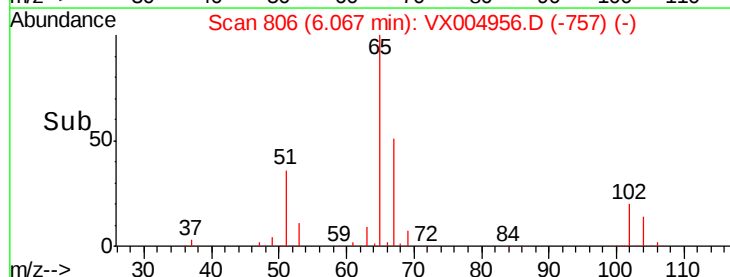
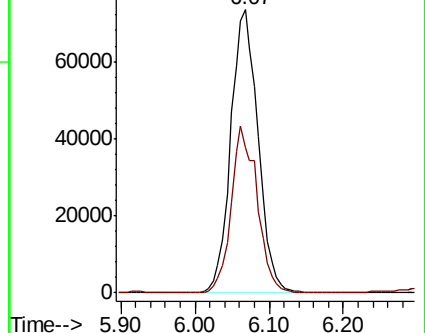
65 100

67 56.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

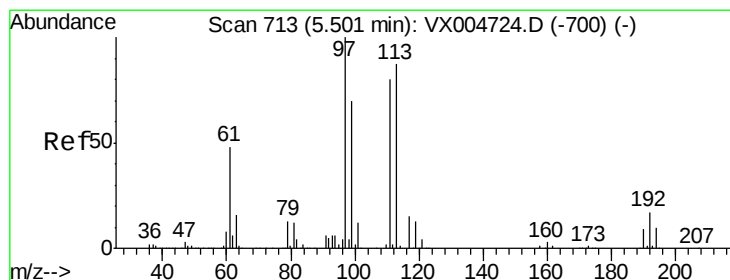
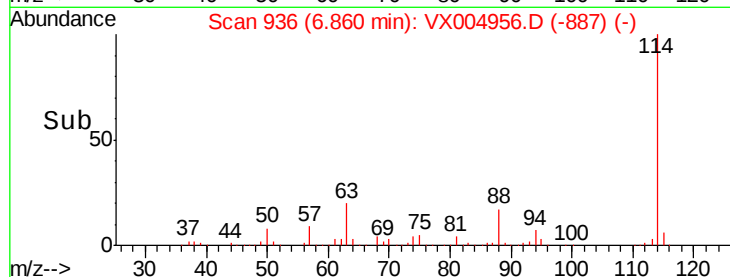
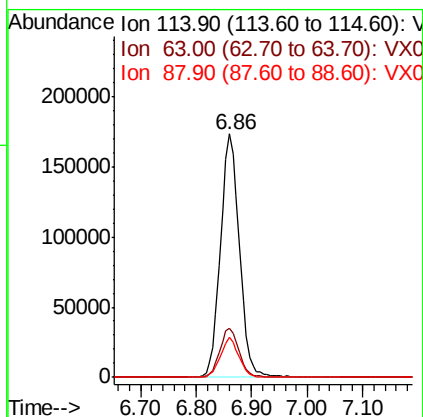
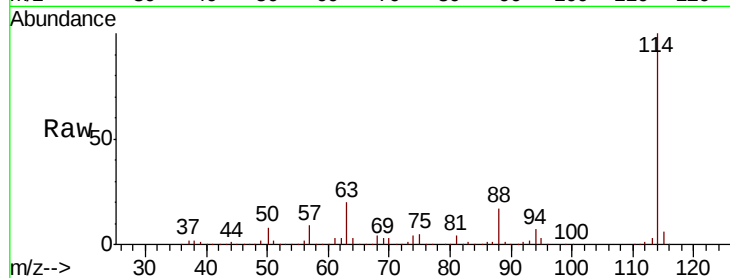




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004956.D
 Acq: 03 Oct 2018 09:19

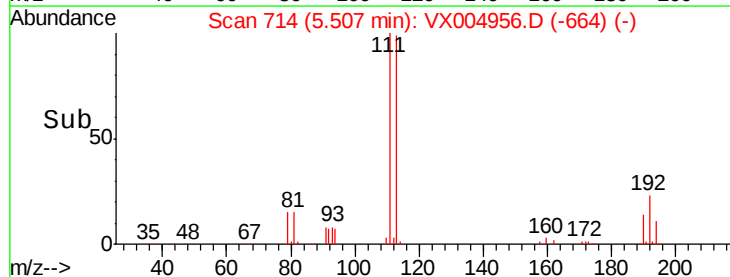
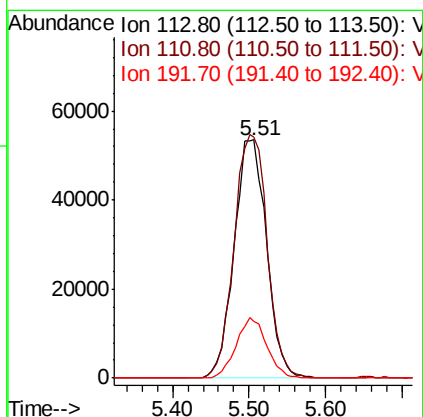
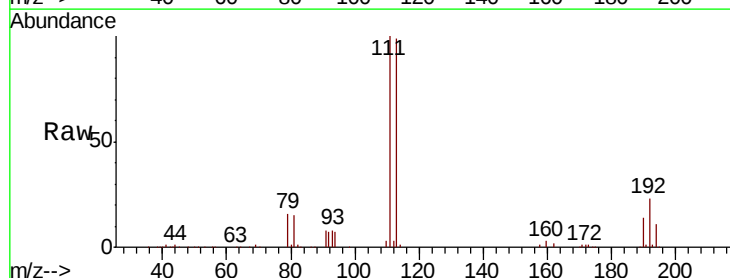
Instrument :
 MSVOA_X
 ClientSampleId :
 B-7(6-6.5)

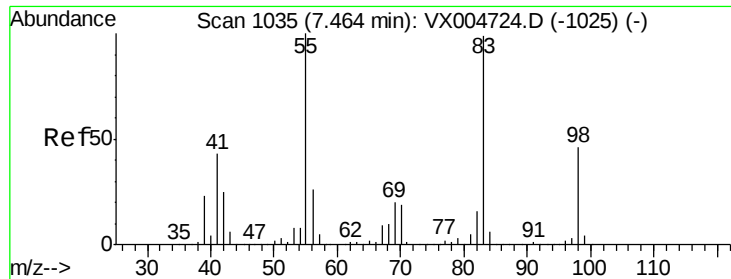
Tot Ion:114 Resp: 409372
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.8
 88 16.7 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 45.466 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004956.D
 Acq: 03 Oct 2018 09:19

Tgt Ion:113 Resp: 157742
 Ion Ratio Lower Upper
 113 100
 111 104.0 77.0 115.4
 192 23.8 17.0 25.6

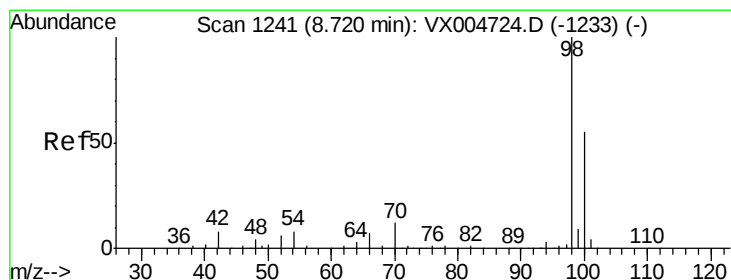
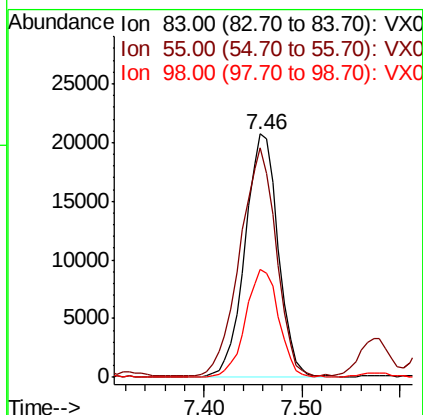
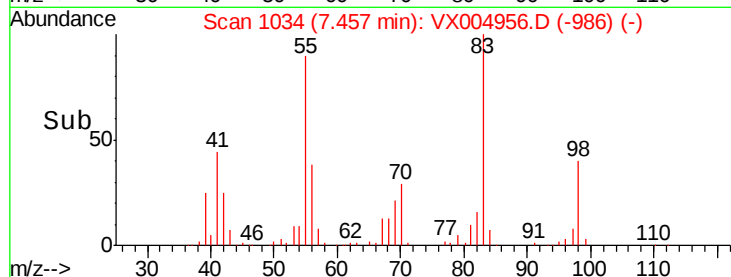
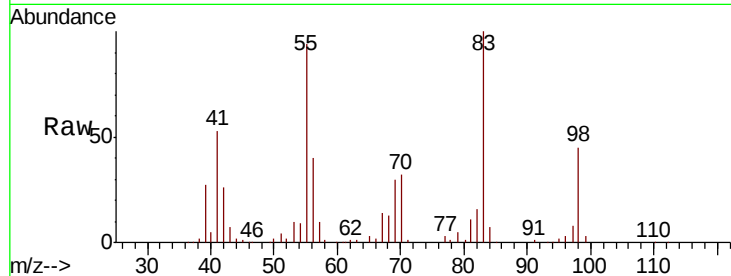




#39
Methvlcvclohexane
Concen: 10.113 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004956.D
Acq: 03 Oct 2018 09:19

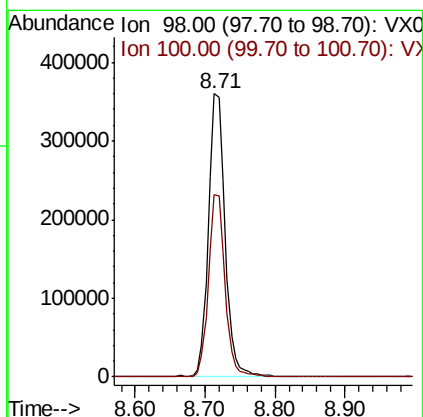
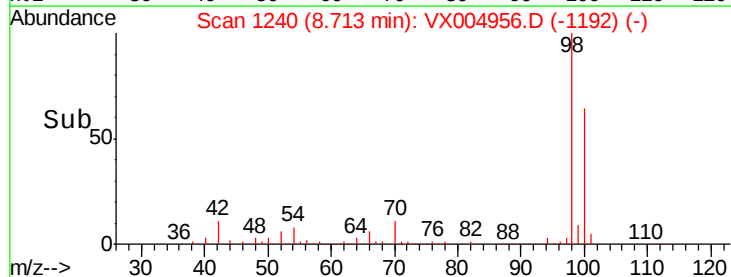
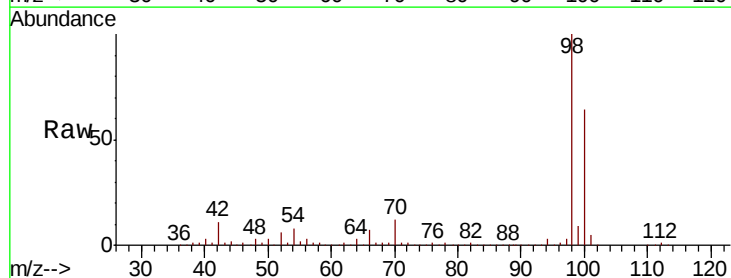
Instrument :
MSVOA_X
ClientSampled :
B-7(6-6.5)

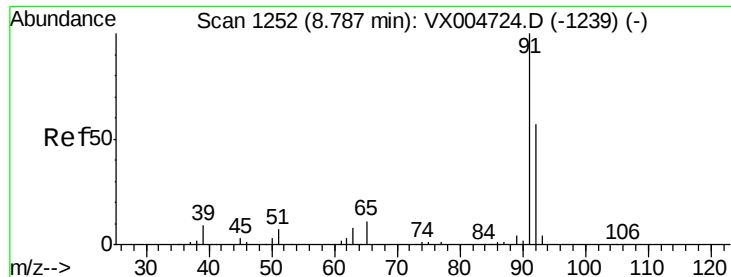
Tot Ion: 83 Resp: 48884
Ion Ratio Lower Upper
83 100
55 93.6 81.1 121.7
98 44.5 37.3 55.9



#50
Toluene-d8
Concen: 51.868 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004956.D
Acq: 03 Oct 2018 09:19

Tgt Ion: 98 Resp: 598259
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9





#52

Toluene

Concen: 59.638 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004956.D

Acq: 03 Oct 2018 09:19

Instrument :

MSVOA_X

ClientSampled :

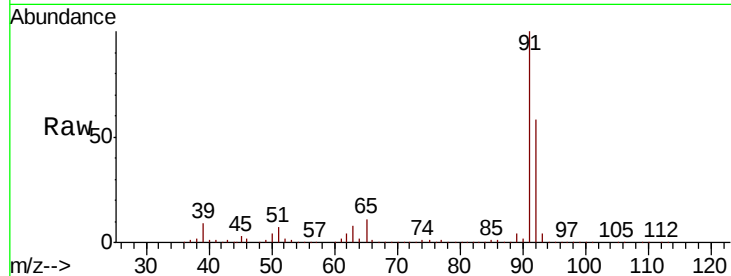
B-7(6-6.5)

Tot Ion: 92 Resp: 485641

Ion Ratio Lower Upper

92 100

91 173.9 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

600000

500000

400000

300000

200000

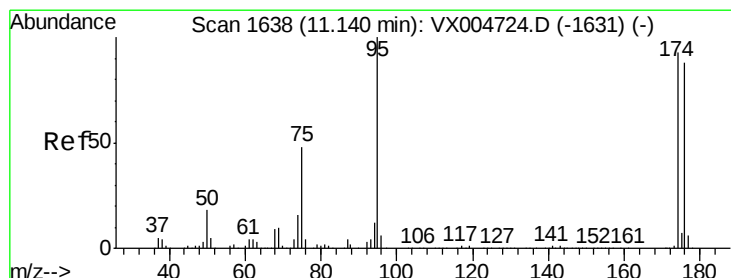
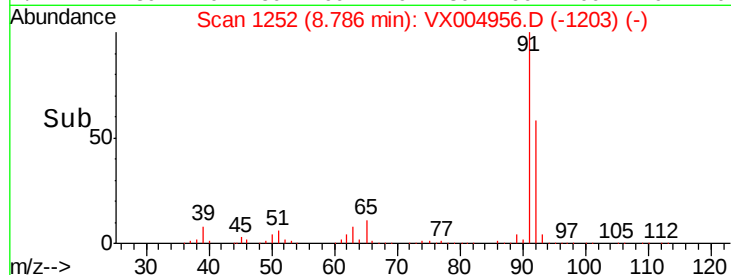
100000

0

8.79

8.70 8.80 8.90 9.00

Time-->



#62

4-Bromofluorobenzene

Concen: 58.886 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004956.D

Acq: 03 Oct 2018 09:19

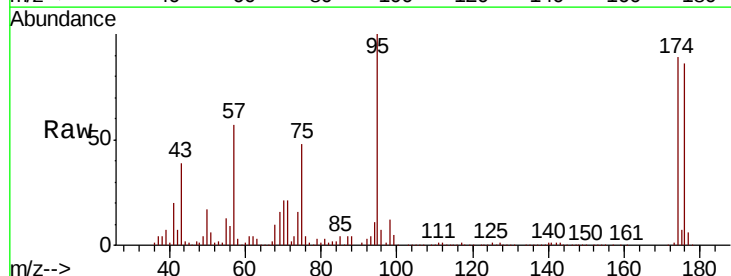
Tgt Ion: 95 Resp: 244688

Ion Ratio Lower Upper

95 100

174 87.9 0.0 185.0

176 86.0 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

250000

200000

150000

100000

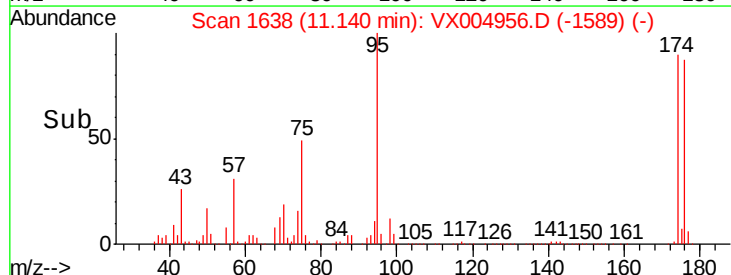
50000

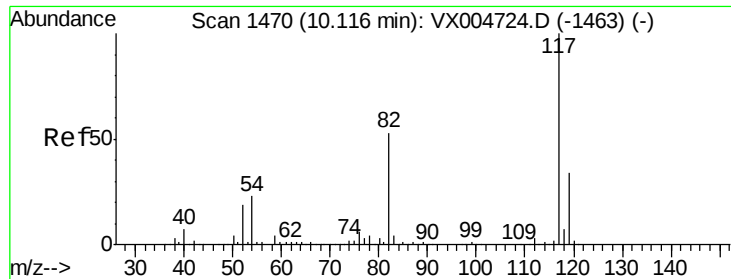
0

11.14

11.10 11.20

Time-->

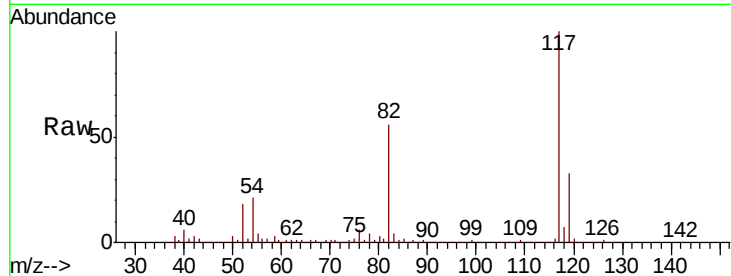




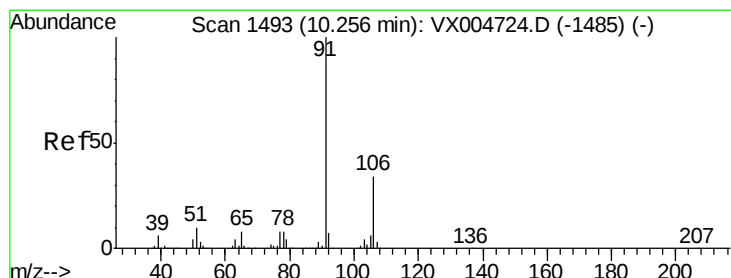
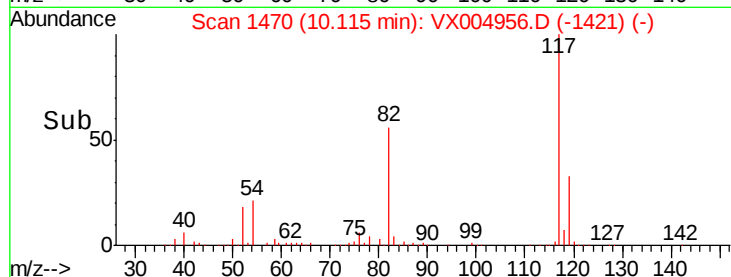
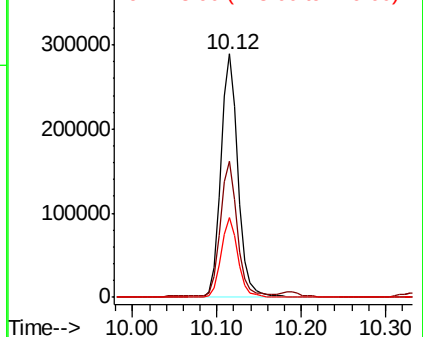
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004956.D
Acq: 03 Oct 2018 09:19

Instrument :
MSVOA_X
ClientSampleId :
B-7(6-6.5)

Tot Ion:117 Resp: 407654
Ion Ratio Lower Upper
117 100
82 55.6 42.2 63.4
119 32.6 27.4 41.0

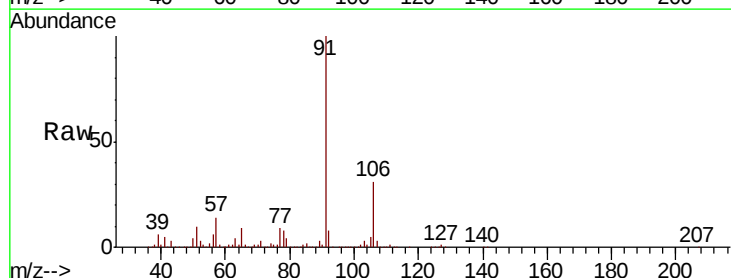


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

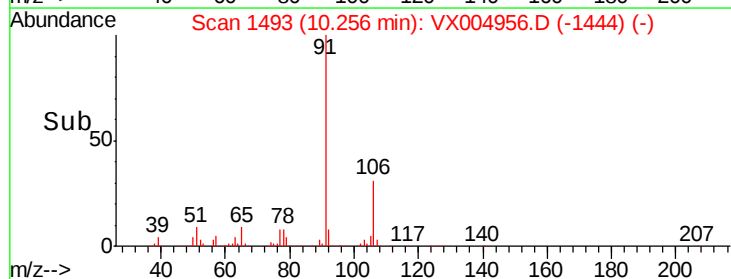
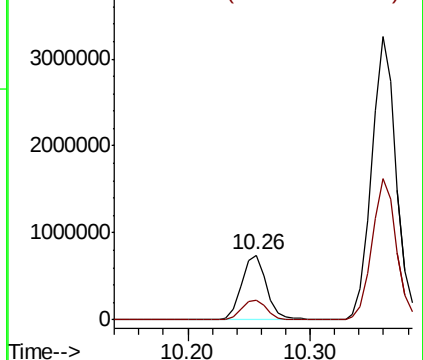


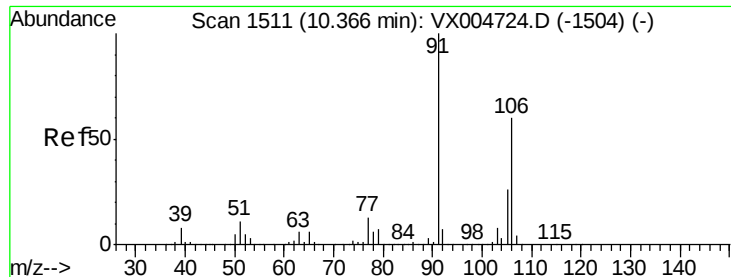
#67
Ethyl Benzene
Concen: 64.168 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004956.D
Acq: 03 Oct 2018 09:19

Tgt Ion: 91 Resp: 1064944
Ion Ratio Lower Upper
91 100
106 31.1 26.9 40.3



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

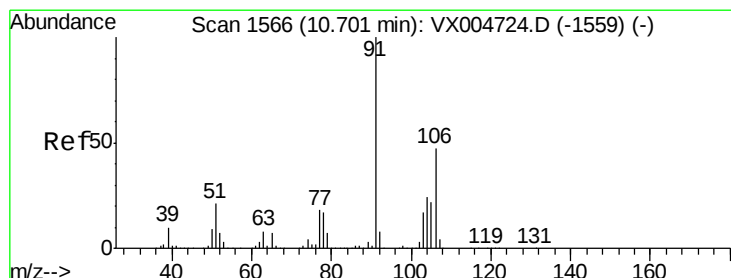
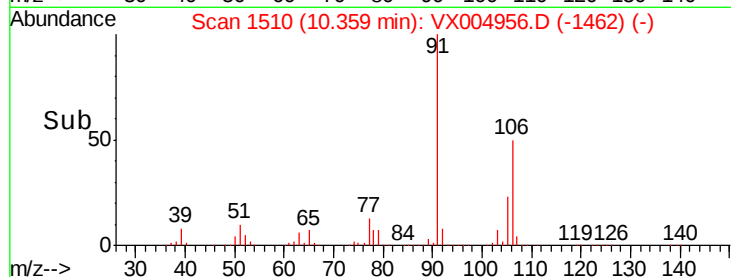
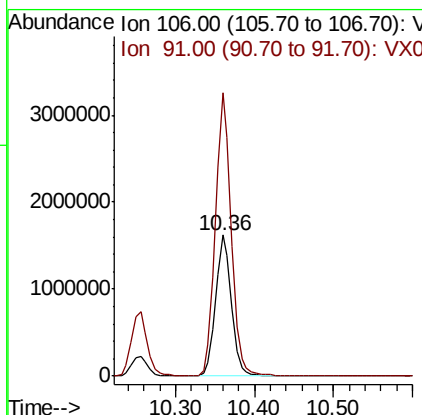
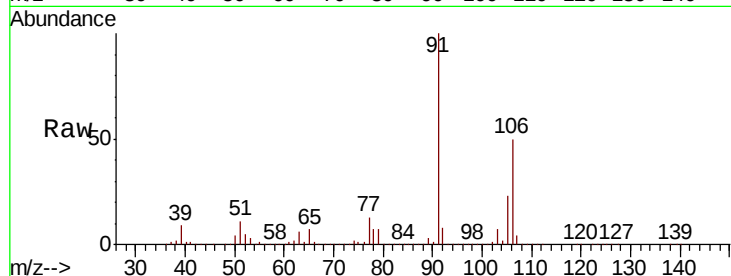




#68
m/p-Xvlenes
Concen: 350.151 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004956.D
Acq: 03 Oct 2018 09:19

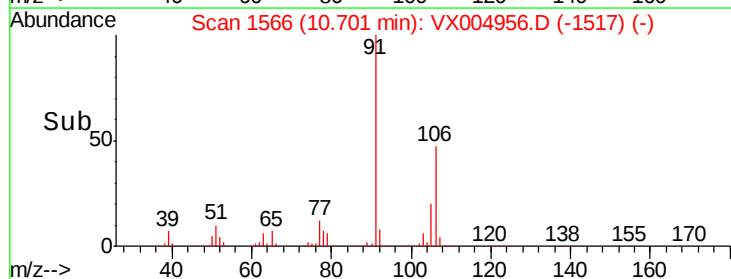
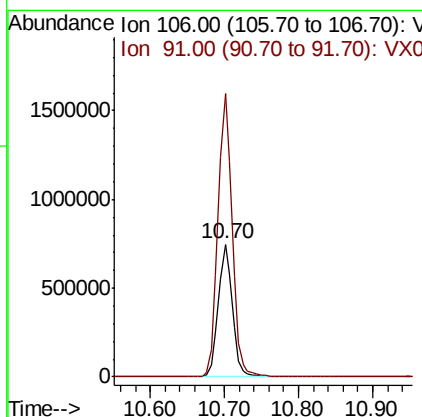
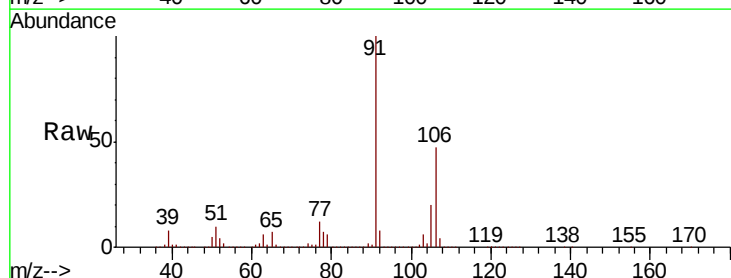
Instrument :
MSVOA_X
ClientSampleId :
B-7(6-6.5)

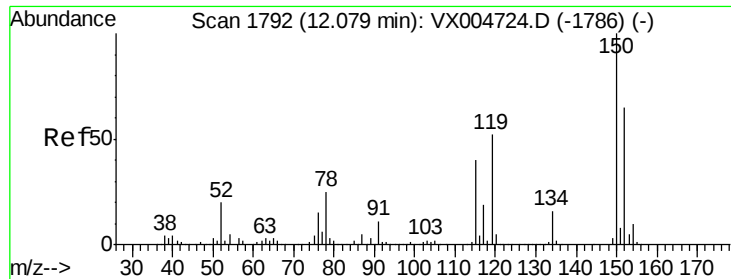
Tot Ion:106 Resp: 2270828
Ion Ratio Lower Upper
106 100
91 201.1 157.5 236.3



#69
o-Xylene
Concen: 162.969 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004956.D
Acq: 03 Oct 2018 09:19

Tgt Ion:106 Resp: 970754
Ion Ratio Lower Upper
106 100
91 215.9 108.3 324.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004956.D

Acq: 03 Oct 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

B-7(6-6.5)

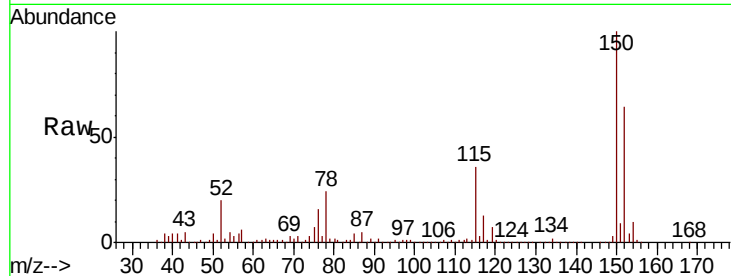
Tot Ion:152 Resp: 248624

Ion Ratio Lower Upper

152 100

115 58.2 40.2 120.6

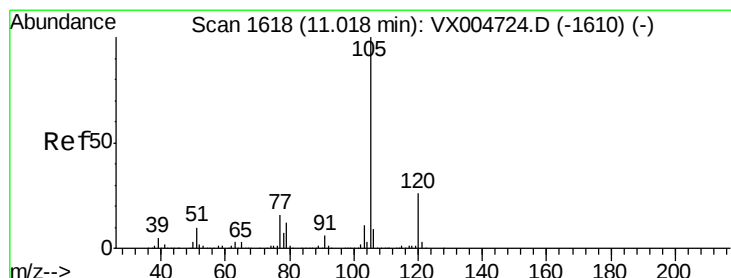
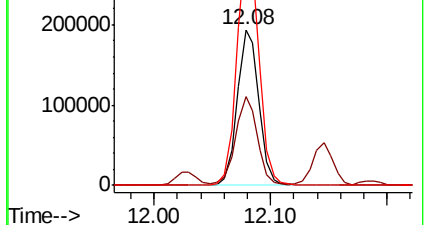
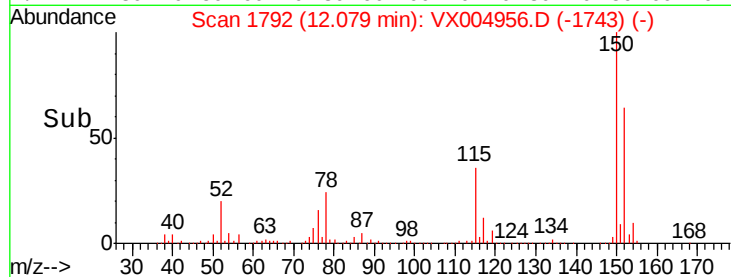
150 156.5 0.0 351.0



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: 14.232 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004956.D

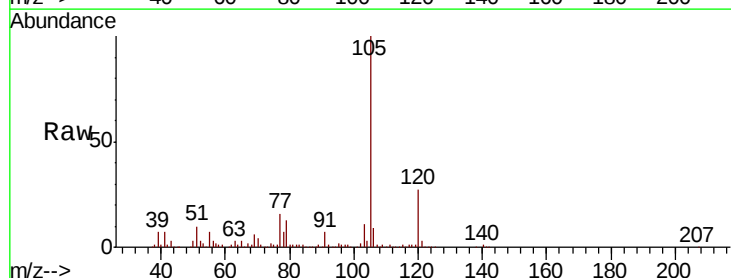
Acq: 03 Oct 2018 09:19

Tgt Ion:105 Resp: 223039

Ion Ratio Lower Upper

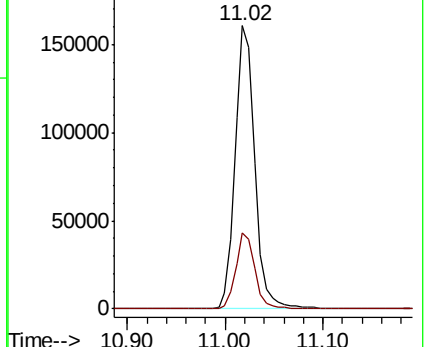
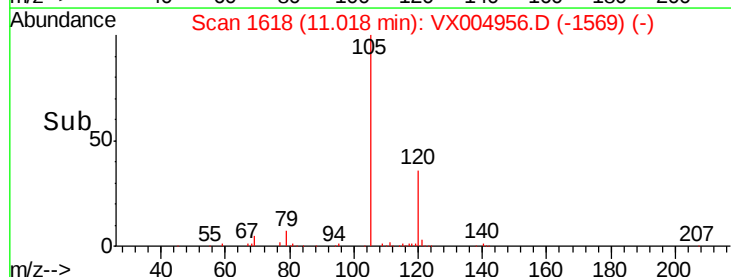
105 100

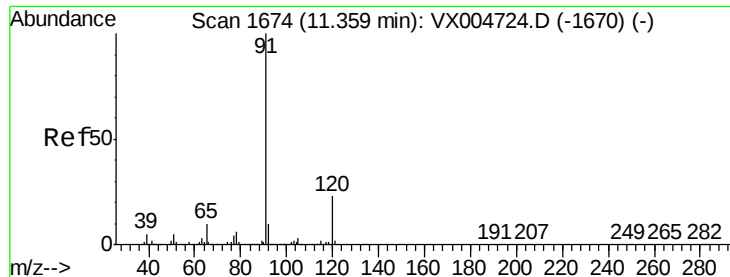
120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 55.270 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004956.D

Acq: 03 Oct 2018 09:19

Instrument :

MSVOA_X

ClientSampled :

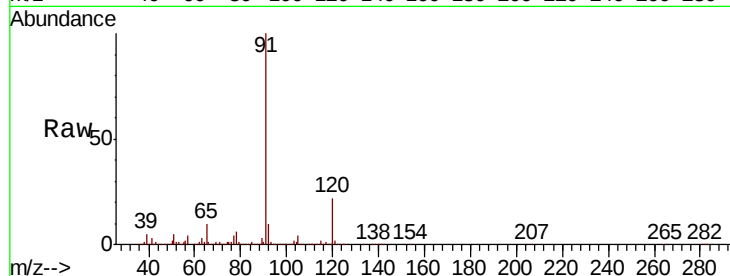
B-7(6-6.5)

Tot Ion: 91 Resp: 993797

Ion Ratio Lower Upper

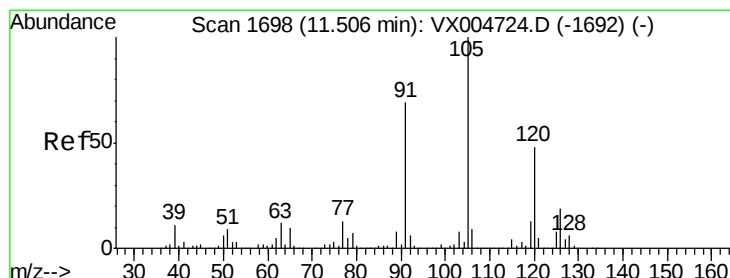
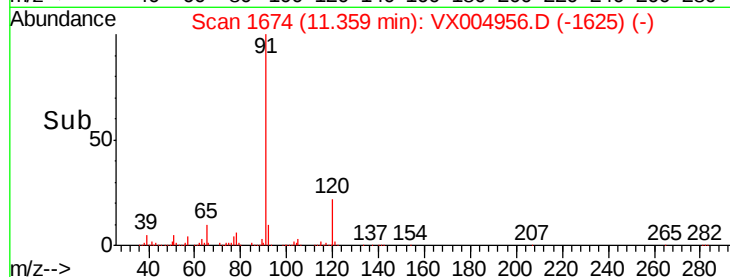
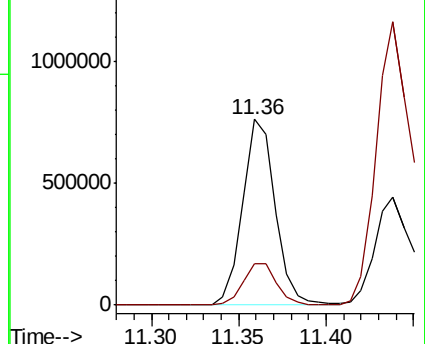
91 100

120 23.0 12.0 36.0



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: 133.677 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004956.D

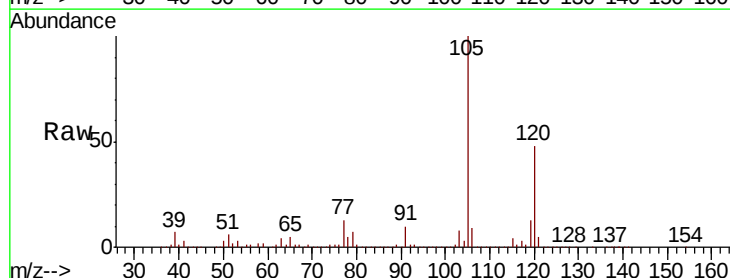
Acq: 03 Oct 2018 09:19

Tgt Ion:105 Resp: 1915272

Ion Ratio Lower Upper

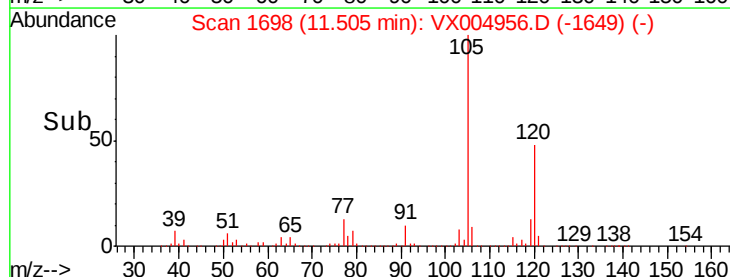
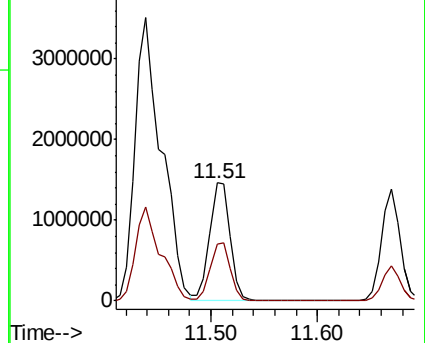
105 100

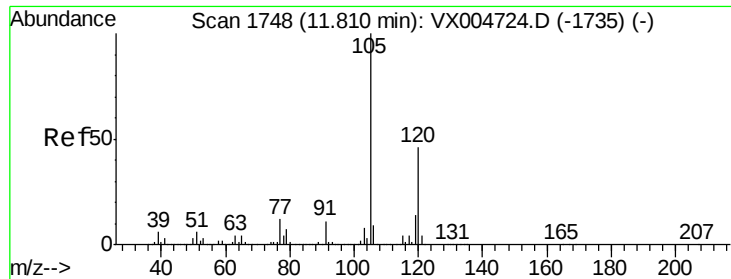
120 48.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

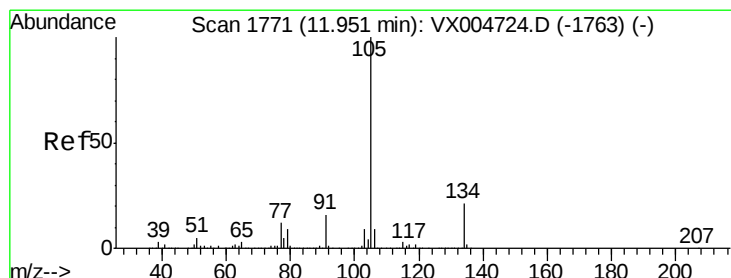
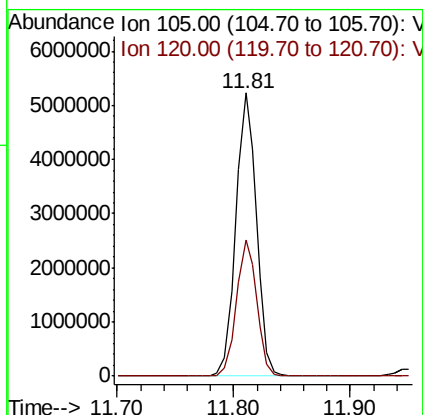
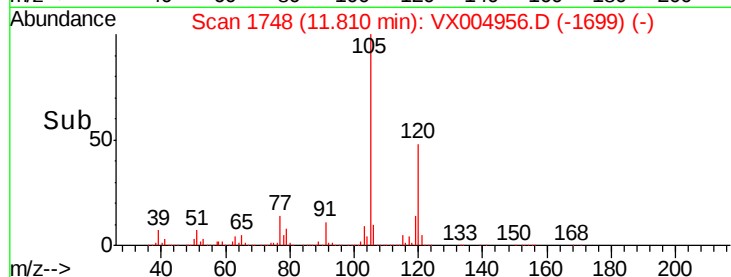
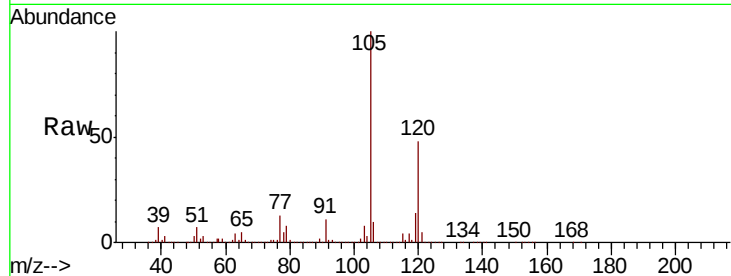




#84
 1,2,4-Trimethylbenzene
 Concen: 437.060 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004956.D
 Acq: 03 Oct 2018 09:19

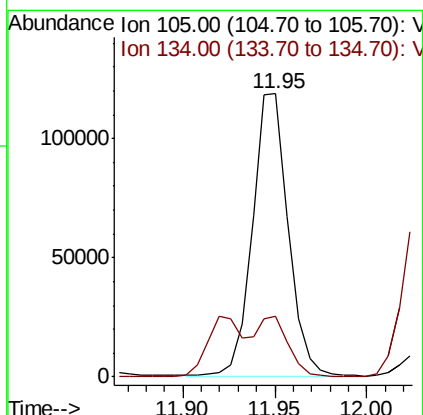
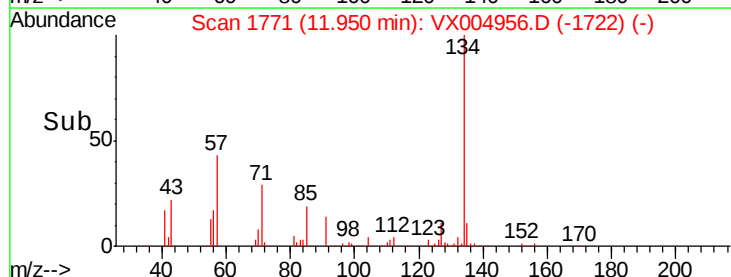
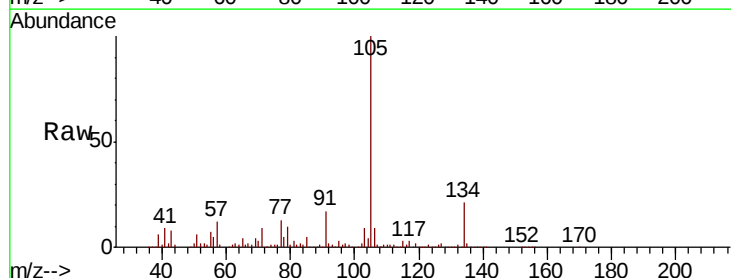
Instrument :
 MSVOA_X
 ClientSampled :
 B-7(6-6.5)

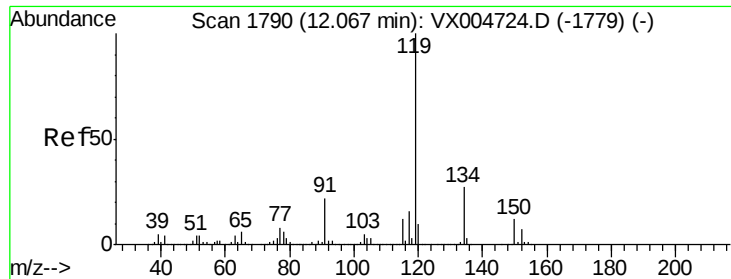
Tot Ion:105 Resp: 6451199
 Ion Ratio Lower Upper
 105 100
 120 47.3 22.8 68.3



#85
 sec-Butylbenzene
 Concen: 10.248 ug/l m
 RT: 11.95 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: VX004956.D
 Acq: 03 Oct 2018 09:19

Tgt Ion:105 Resp: 161059
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#

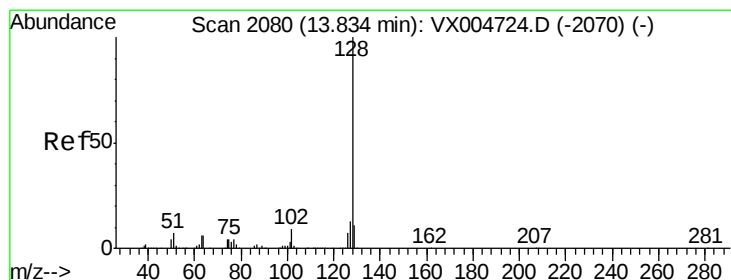
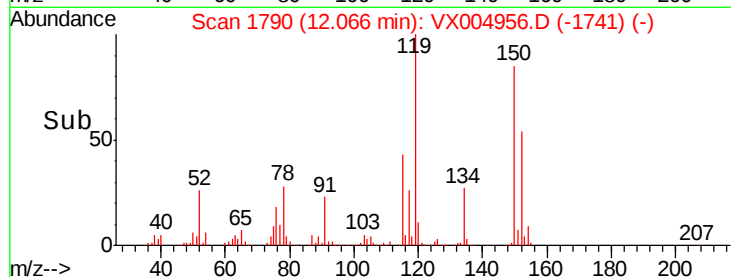
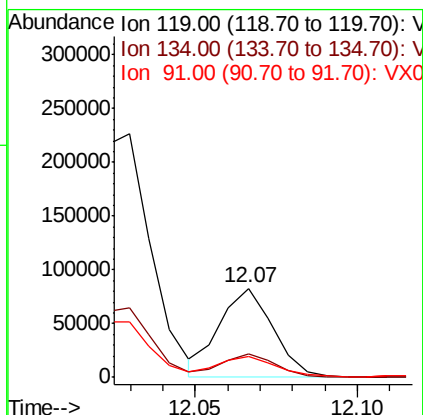
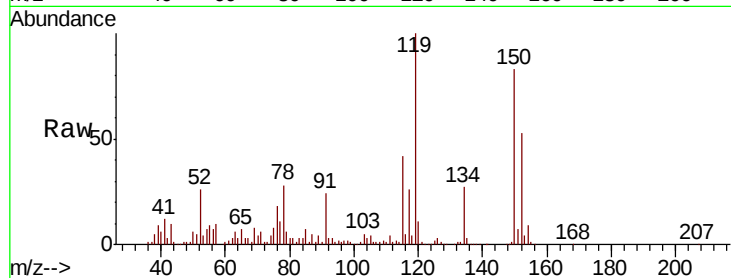




#86
p-Isopropyltoluene
Concen: 6.735 ug/l m
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX004956.D
Acq: 03 Oct 2018 09:19

Instrument :
MSVOA_X
ClientSampleId :
B-7(6-6.5)

Tot Ion:119 Resp: 95892
Ion Ratio Lower Upper
119 100
134 0.0 13.4 40.1#
91 0.0 11.5 34.4#



#95
Naphthalene
Concen: 70.137 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004956.D
Acq: 03 Oct 2018 09:19

Tgt Ion:128 Resp: 1456552
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.5 8.7 13.1

