

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004961.D
 Acq On : 03 Oct 2018 11:33
 Operator : JC/MD
 Sample : J5084-09 50X
 Misc : 5.31g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-9(6-6.5)

Quant Time: Oct 03 15:17:43 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

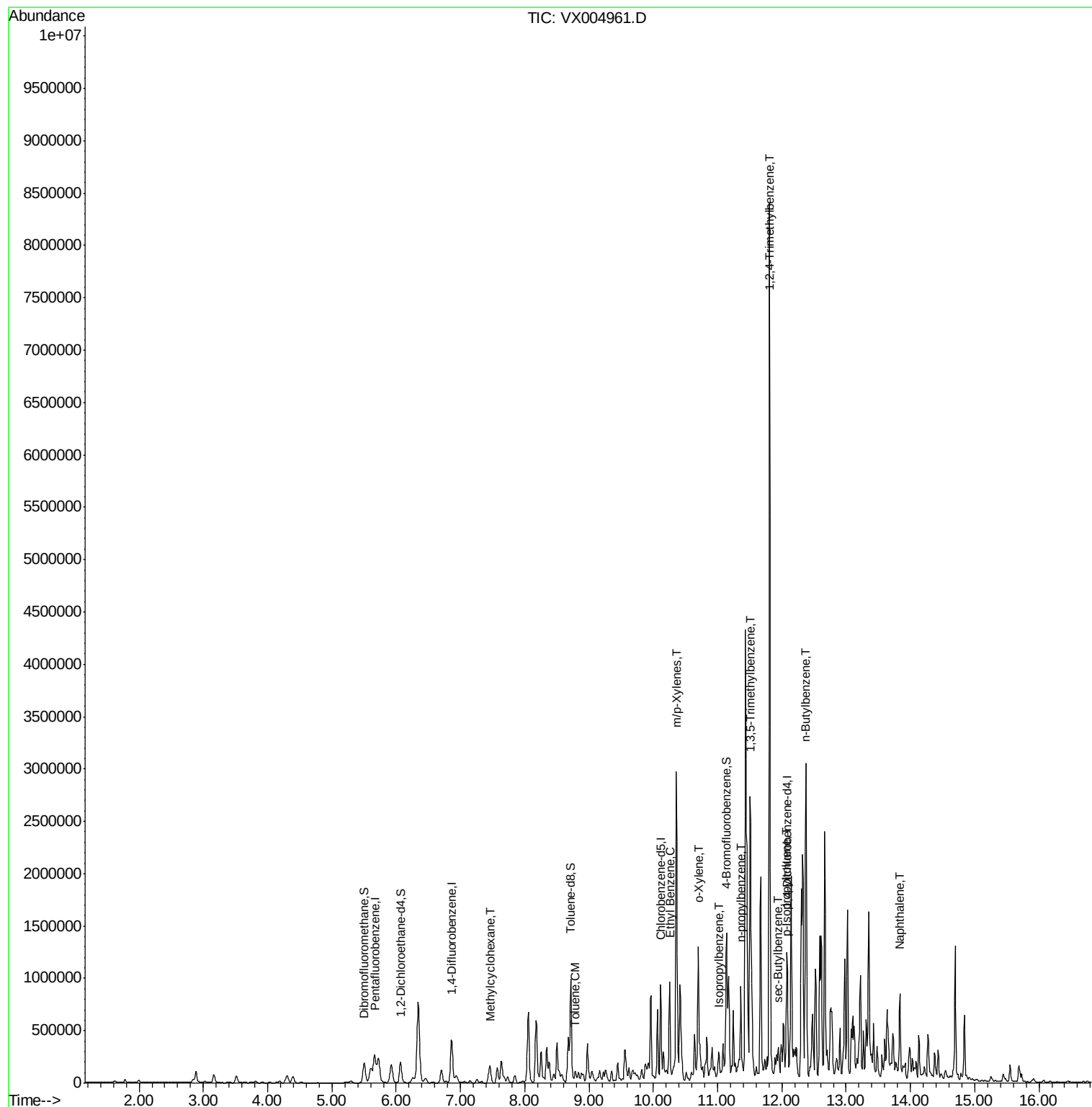
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	439672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188539	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
35) Dibromofluoromethane	5.50	113	161414	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
50) Toluene-d8	8.71	98	631209	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.14	95	242380	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.46	83	65965	12.707	ug/l	92
52) Toluene	8.79	92	36331	4.154	ug/l	95
67) Ethyl Benzene	10.26	91	374804	22.107	ug/l	95
68) m/p-Xylenes	10.36	106	700889	105.794	ug/l	96
69) o-Xylene	10.70	106	284062	46.682	ug/l	99
73) Isopropylbenzene	11.02	105	104447	7.009	ug/l	99
78) n-propylbenzene	11.36	91	510725	29.872	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1148574	84.234	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	3508796	249.914	ug/l	99
85) sec-Butylbenzene	11.94	105	105544	7.063	ug/l	93
86) p-Isopropyltoluene	12.07	119	65423	4.832	ug/l	99
89) n-Butylbenzene	12.38	91	453954	36.919	ug/l #	26
95) Naphthalene	13.83	128	482964	24.926	ug/l	99

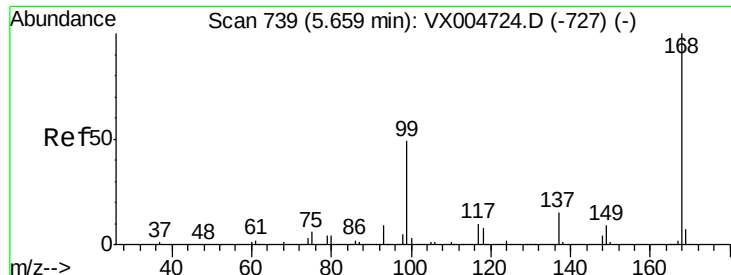
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-9(6-6.5)

Quant Time: Oct 03 15:17:43 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: VX004961.D

Acq: 03 Oct 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

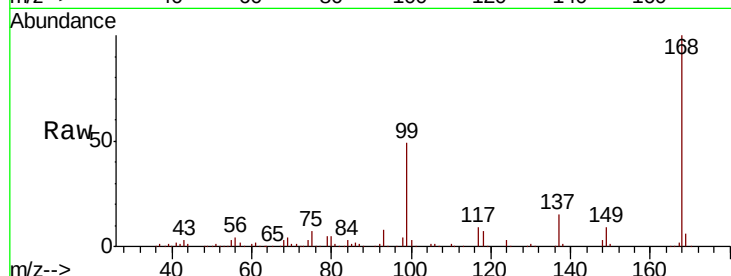
B-9(6-6.5)

Tot Ion:168 Resp: 272499

Ion Ratio Lower Upper

168 100

99 49.0 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

100000

80000

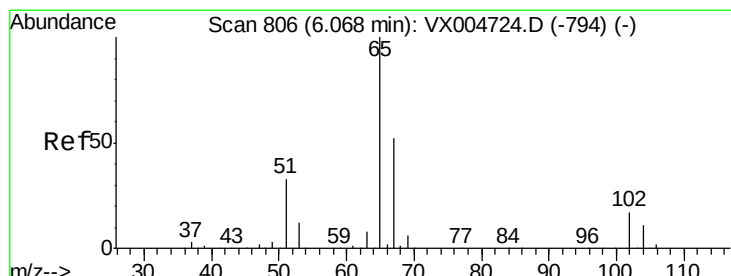
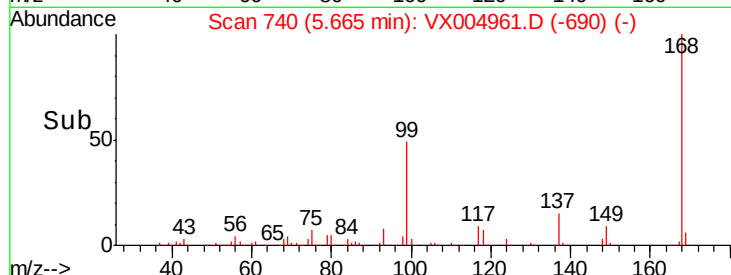
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.435 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004961.D

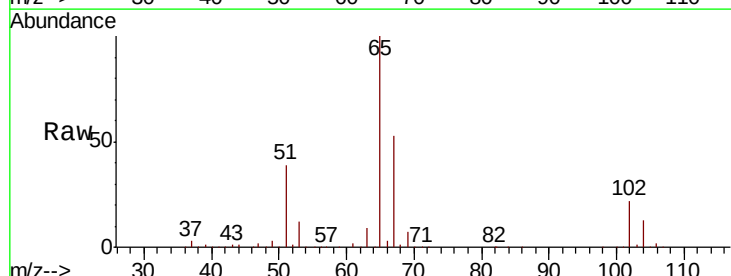
Acq: 03 Oct 2018 11:33

Tgt Ion: 65 Resp: 188539

Ion Ratio Lower Upper

65 100

67 54.3 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

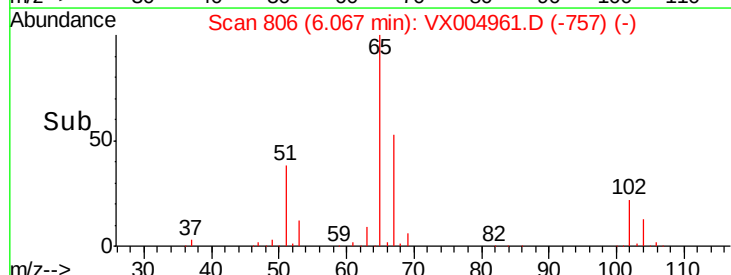
60000

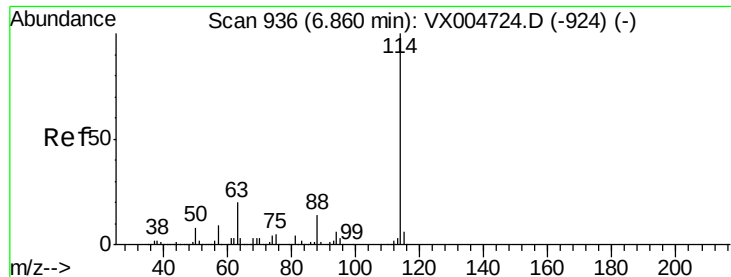
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004961.D

Acq: 03 Oct 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

B-9(6-6.5)

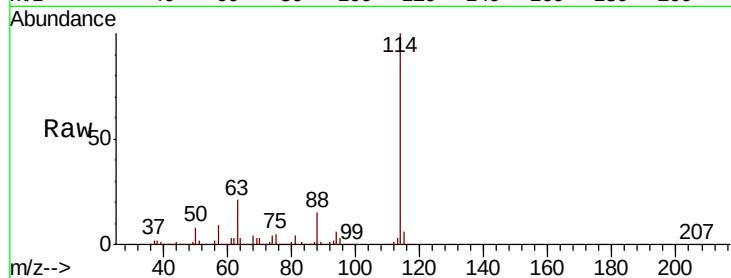
Tot Ion:114 Resp: 439672

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

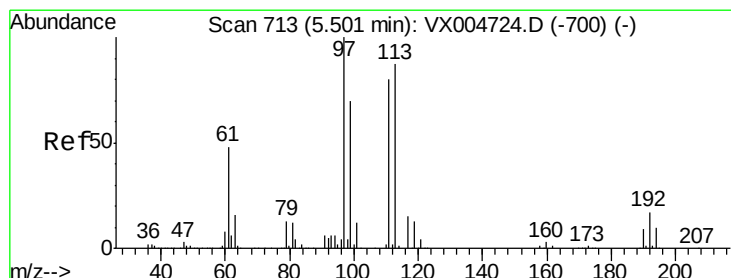
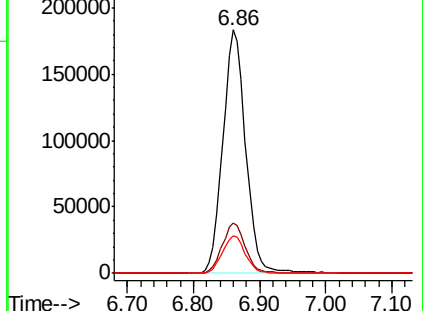
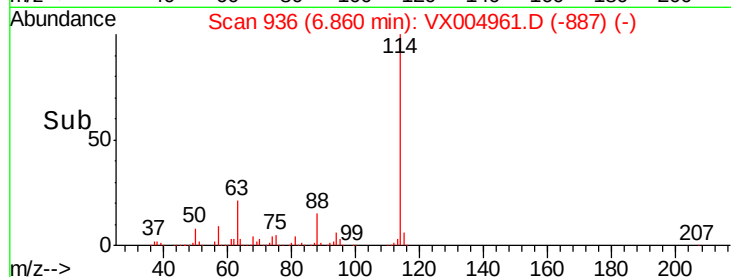
88 15.4 0.0 27.0



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: 43.318 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004961.D

Acq: 03 Oct 2018 11:33

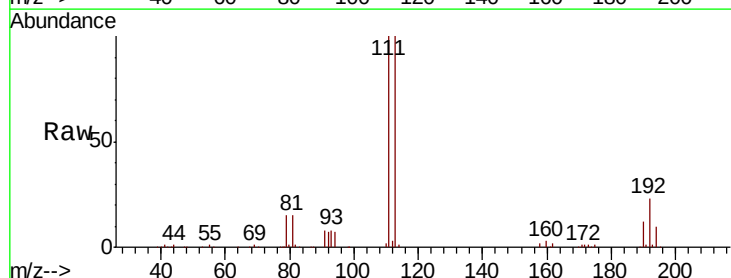
Tgt Ion:113 Resp: 161414

Ion Ratio Lower Upper

113 100

111 102.5 77.0 115.4

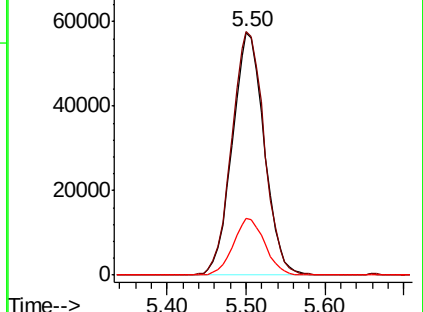
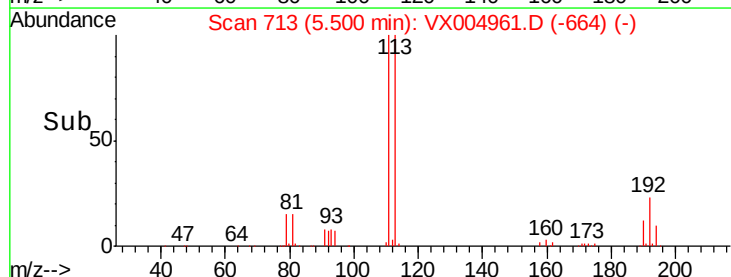
192 23.3 17.0 25.6

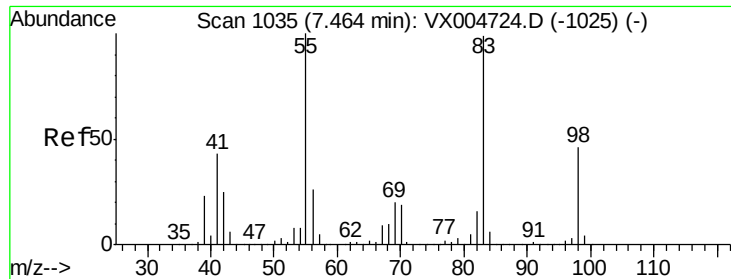


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

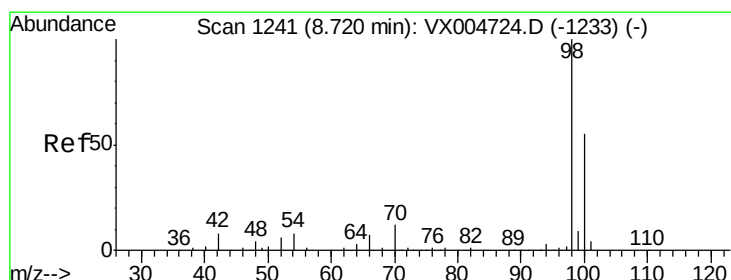
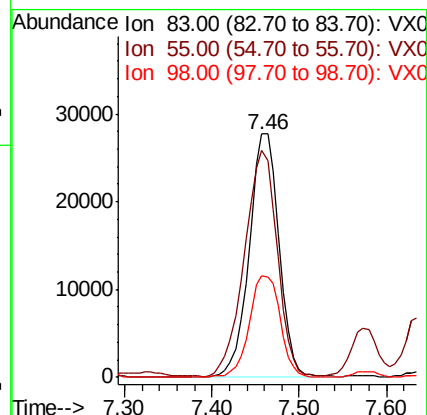
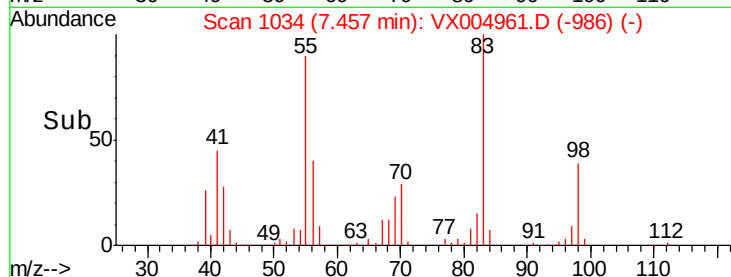
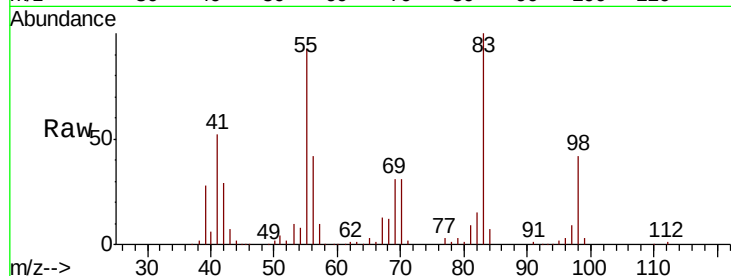




#39
Methylvlcyclohexane
Concen: 12.707 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004961.D
Acq: 03 Oct 2018 11:33

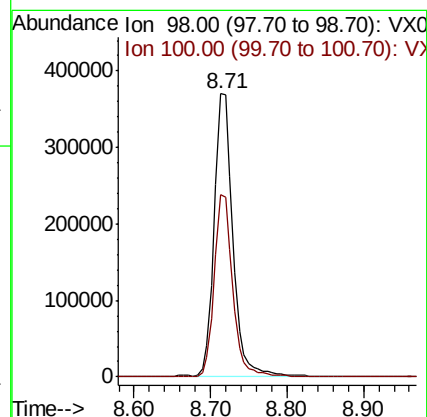
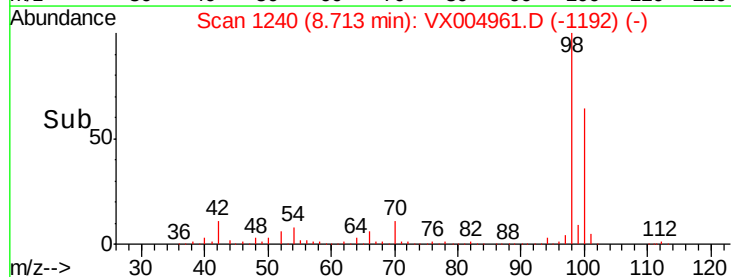
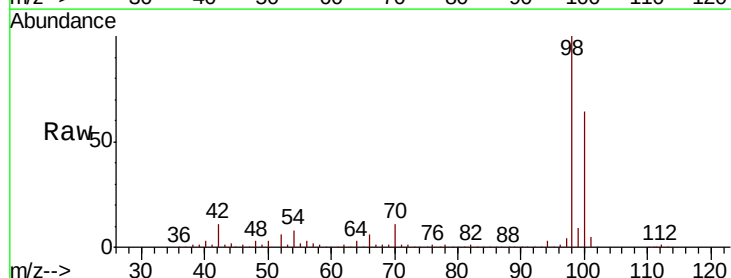
Instrument :
MSVOA_X
ClientSampleId :
B-9(6-6.5)

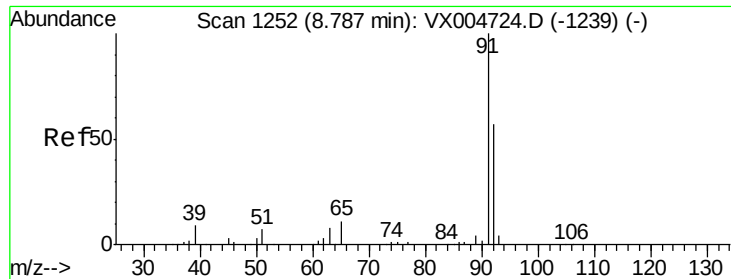
Tot Ion: 83 Resp: 65965
Ion Ratio Lower Upper
83 100
55 92.7 81.1 121.7
98 41.8 37.3 55.9



#50
Toluene-d8
Concen: 50.953 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004961.D
Acq: 03 Oct 2018 11:33

Tgt Ion: 98 Resp: 631209
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9





#52

Toluene

Concen: 4.154 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004961.D

Acq: 03 Oct 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

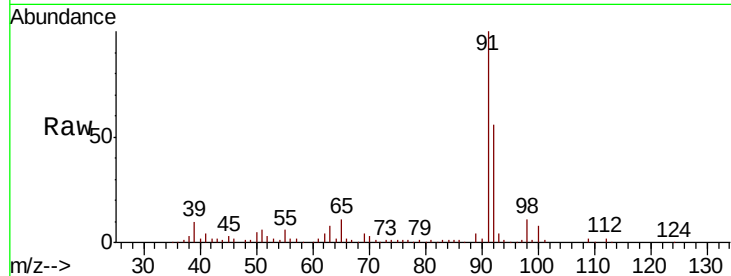
B-9(6-6.5)

Tot Ion: 92 Resp: 36331

Ion Ratio Lower Upper

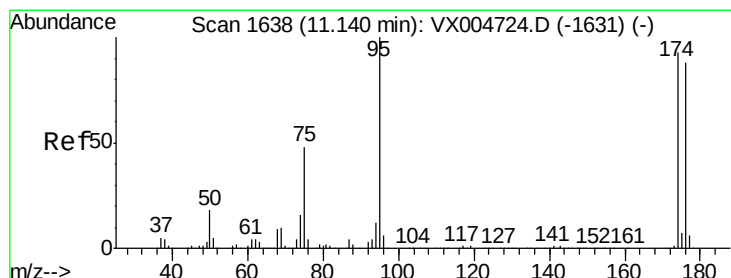
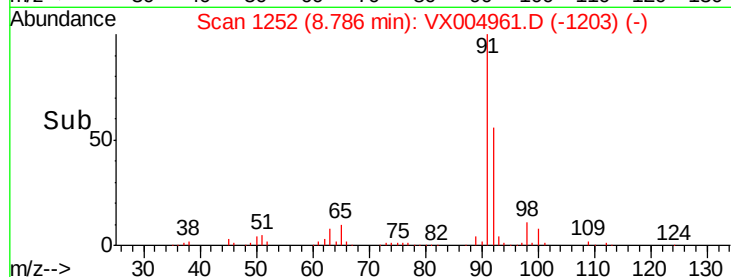
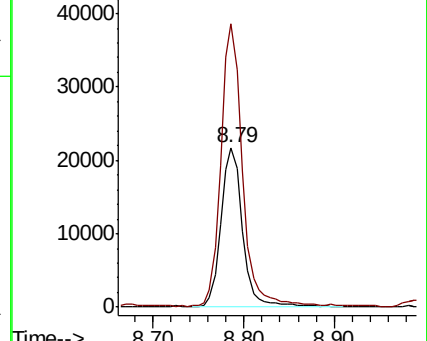
92 100

91 178.2 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.311 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004961.D

Acq: 03 Oct 2018 11:33

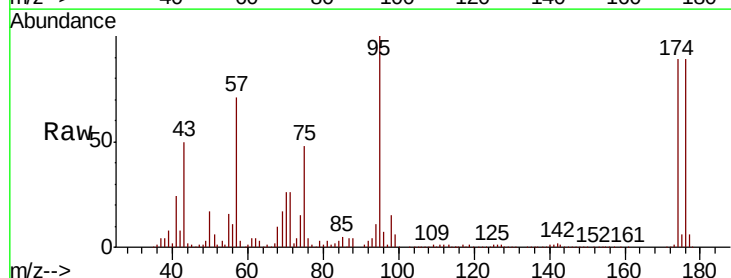
Tgt Ion: 95 Resp: 242380

Ion Ratio Lower Upper

95 100

174 88.4 0.0 185.0

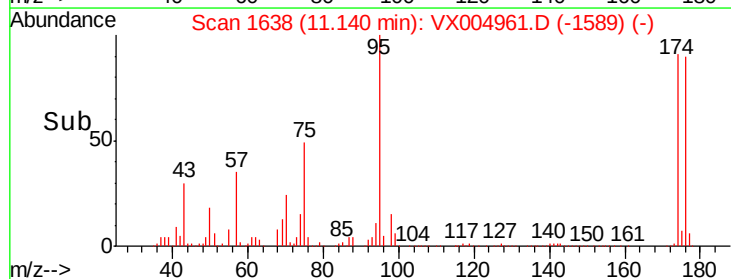
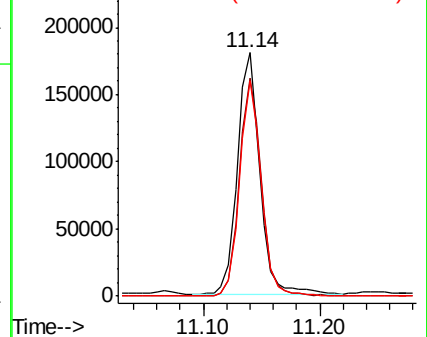
176 85.9 0.0 180.2

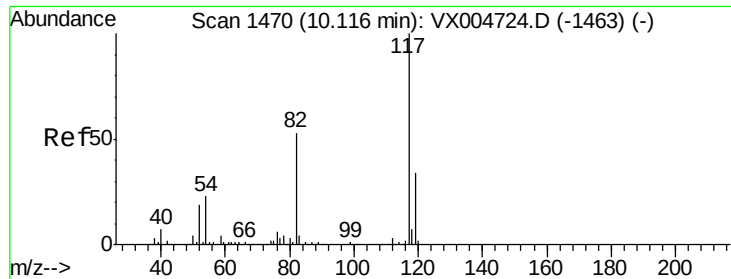


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

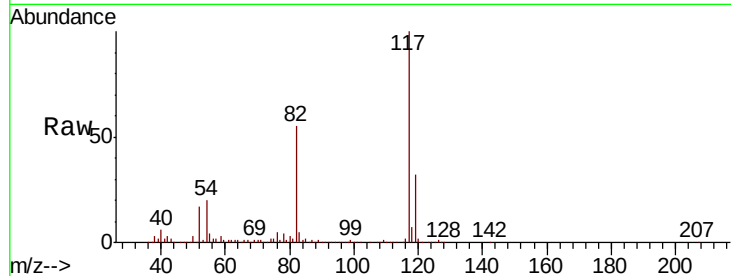




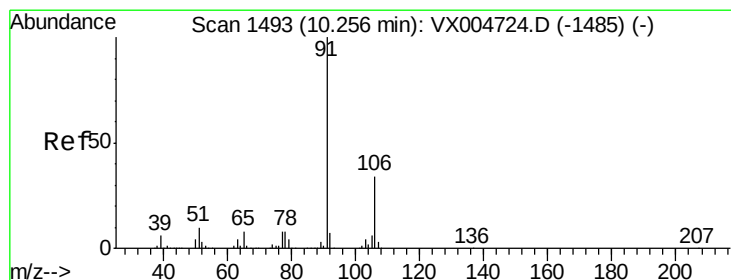
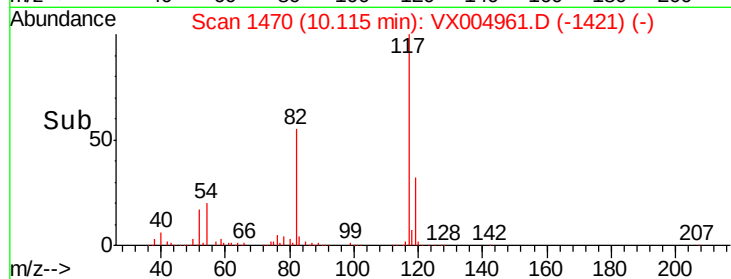
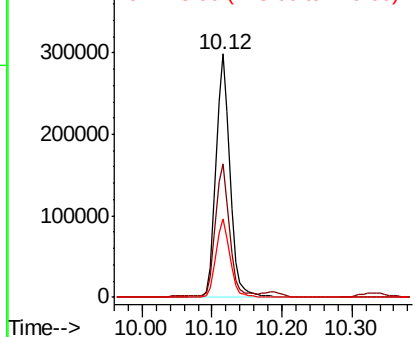
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004961.D
Acq: 03 Oct 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
B-9(6-6.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.2	63.4
119	32.3	27.4	41.0

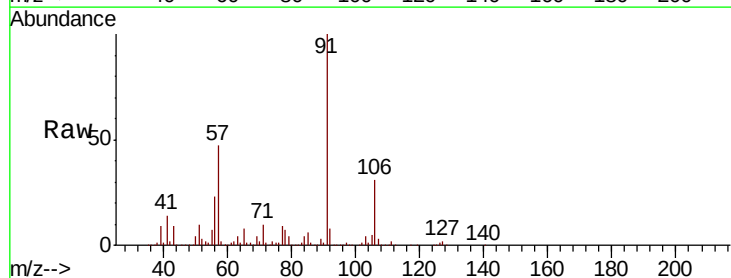


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

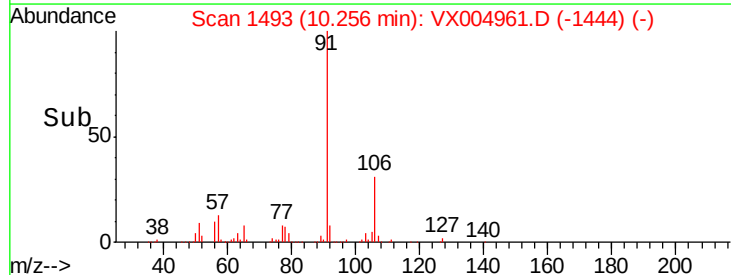
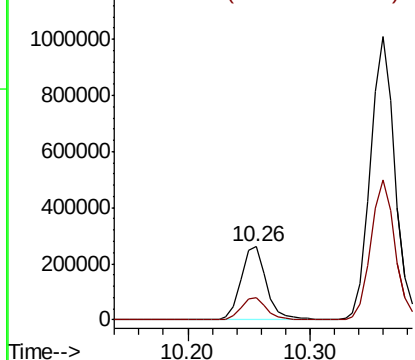


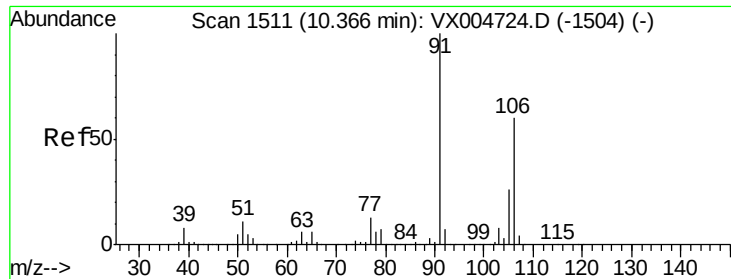
#67
Ethyl Benzene
Concen: 22.107 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004961.D
Acq: 03 Oct 2018 11:33

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	26.9	40.3



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

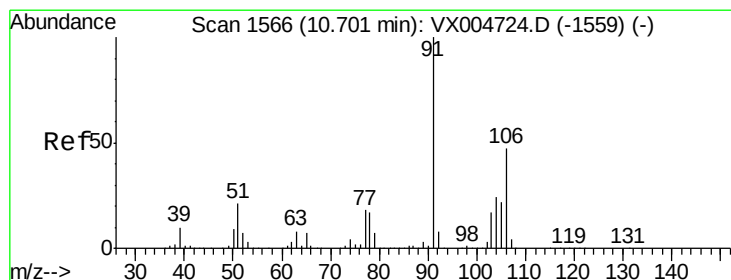
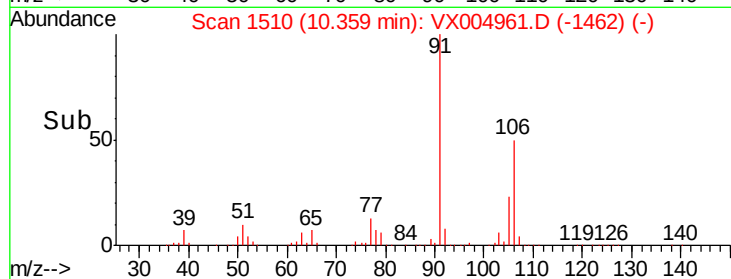
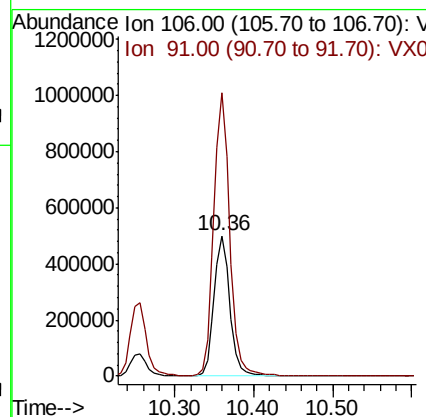
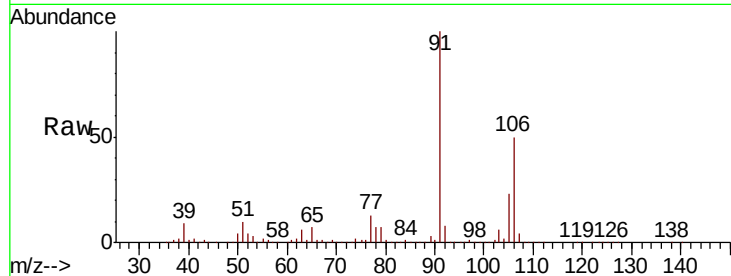




#68
m/p-Xylenes
Concen: 105.794 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004961.D
Acq: 03 Oct 2018 11:33

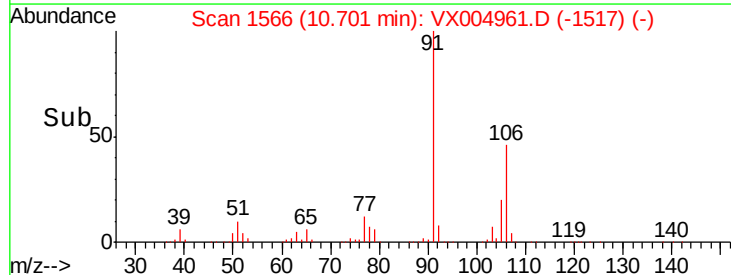
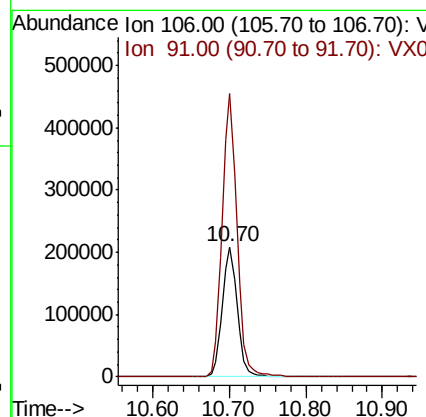
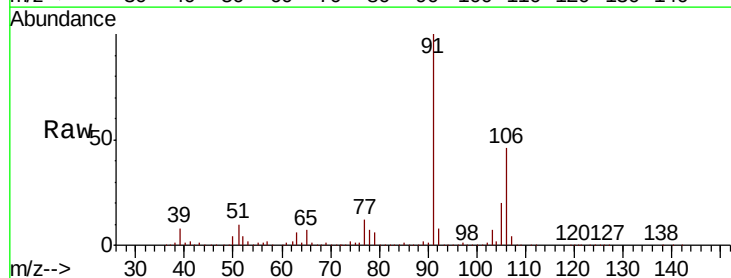
Instrument :
MSVOA_X
ClientSampleId :
B-9(6-6.5)

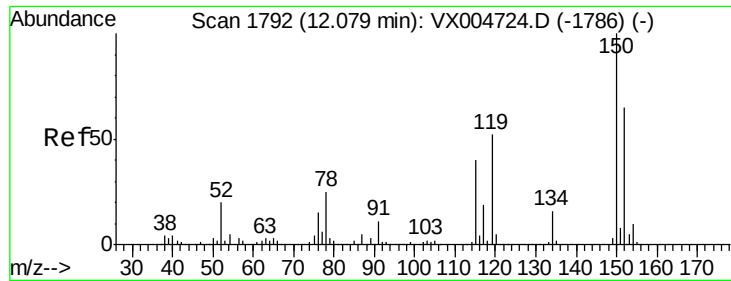
Tot Ion:106 Resp: 700889
Ion Ratio Lower Upper
106 100
91 203.2 157.5 236.3



#69
o-Xylene
Concen: 46.682 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004961.D
Acq: 03 Oct 2018 11:33

Tgt Ion:106 Resp: 284062
Ion Ratio Lower Upper
106 100
91 215.7 108.3 324.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004961.D

Acq: 03 Oct 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

B-9(6-6.5)

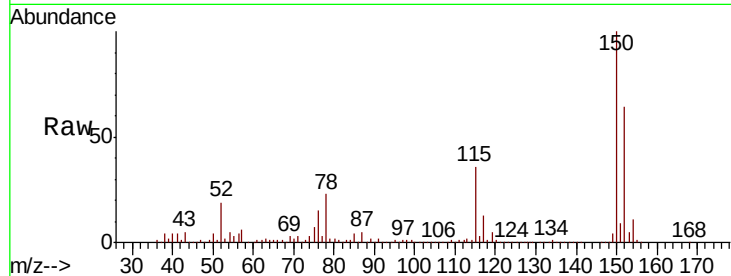
Tot Ion:152 Resp: 236409

Ion Ratio Lower Upper

152 100

115 56.4 40.2 120.6

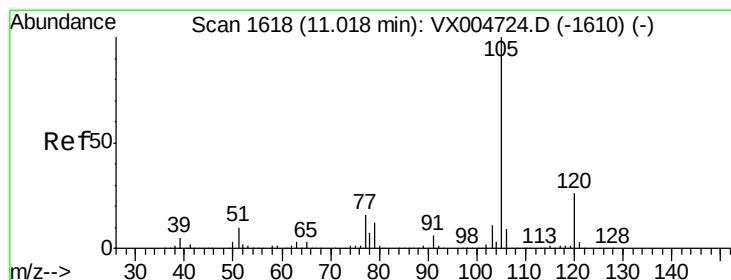
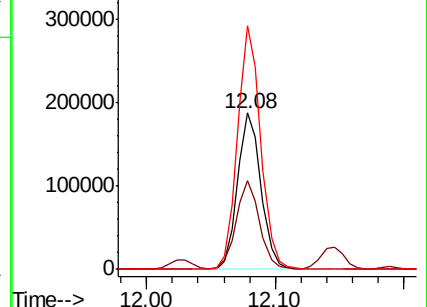
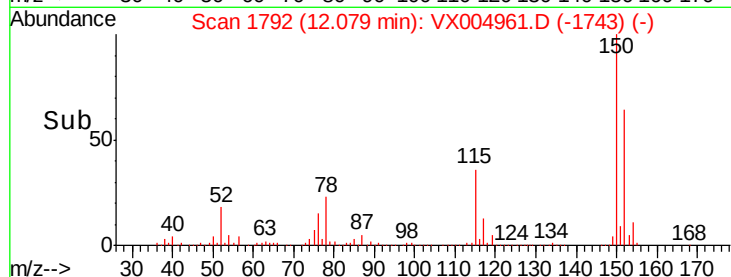
150 154.6 0.0 351.0



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: 7.009 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004961.D

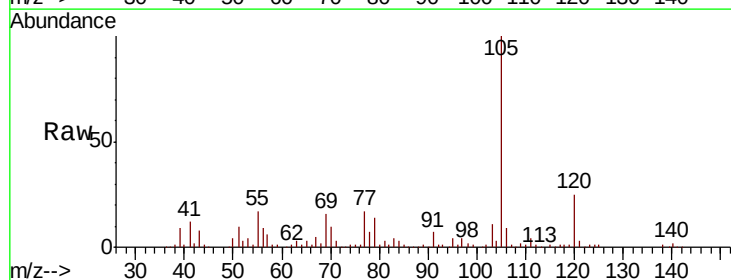
Acq: 03 Oct 2018 11:33

Tgt Ion:105 Resp: 104447

Ion Ratio Lower Upper

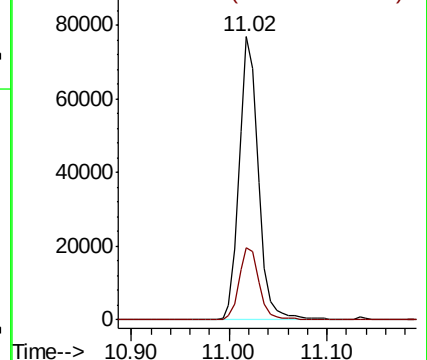
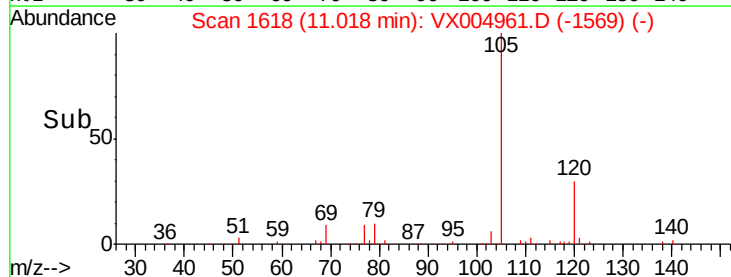
105 100

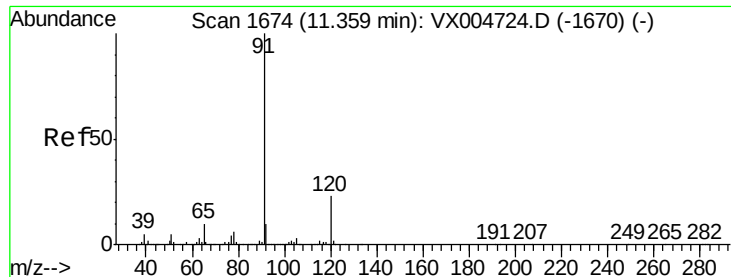
120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 29.872 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004961.D

Acq: 03 Oct 2018 11:33

Instrument :

MSVOA_X

ClientSampled :

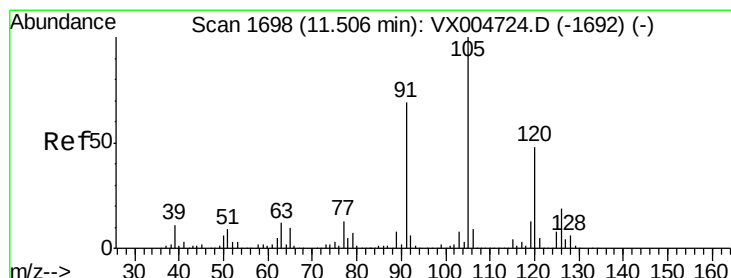
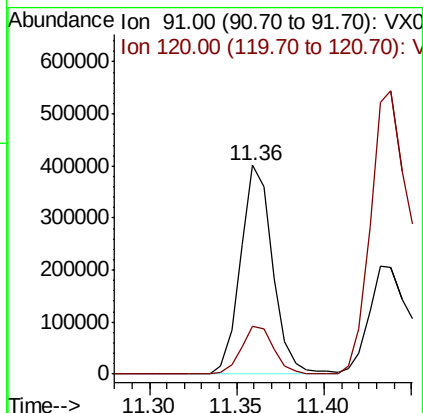
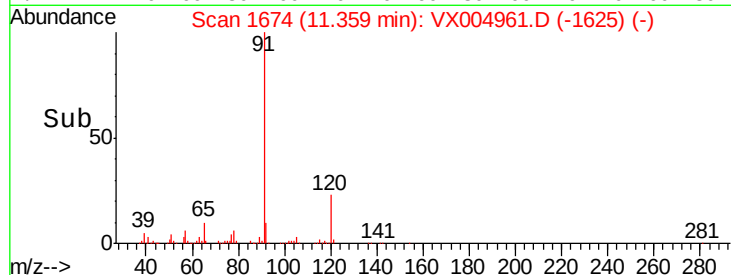
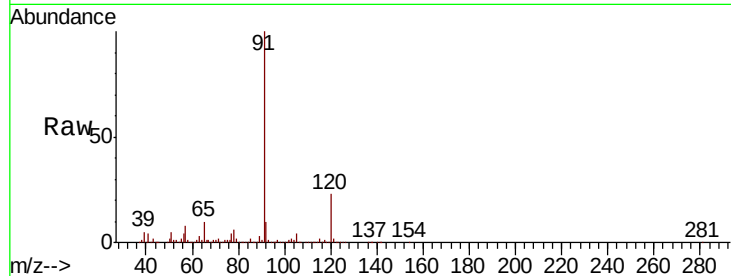
B-9(6-6.5)

Tot Ion: 91 Resp: 510725

Ion Ratio Lower Upper

91 100

120 23.2 12.0 36.0



#80

1,3,5-Trimethylbenzene

Concen: 84.234 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004961.D

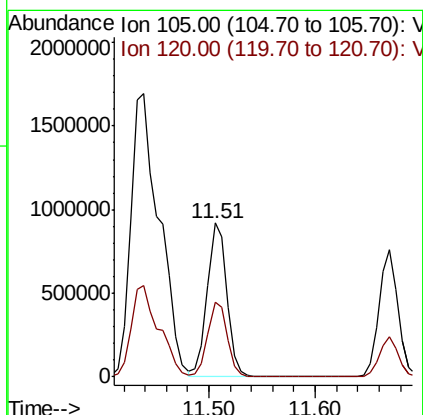
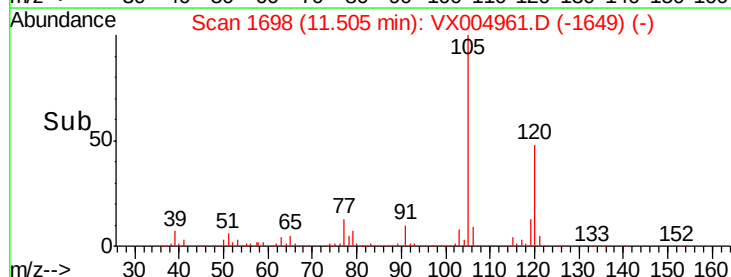
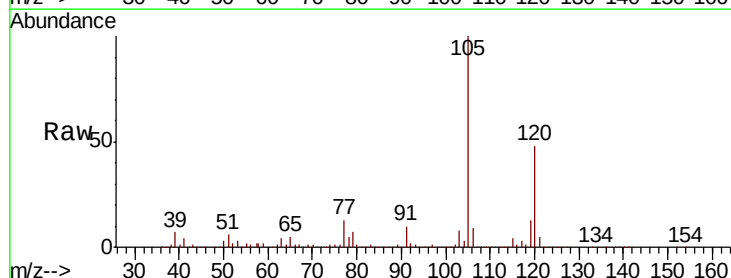
Acq: 03 Oct 2018 11:33

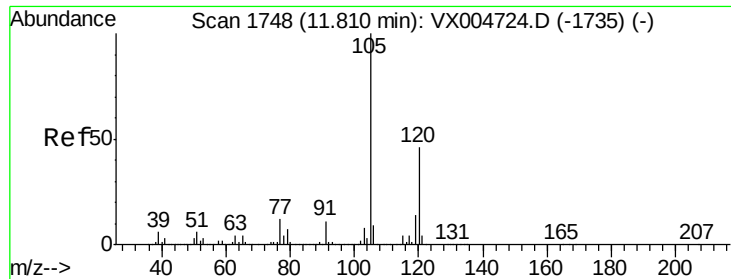
Tgt Ion: 105 Resp: 1148574

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 249.914 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004961.D

Acq: 03 Oct 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

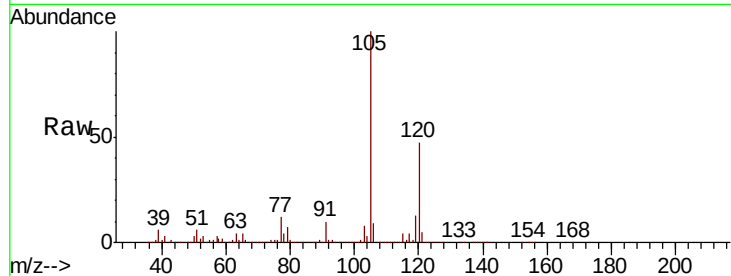
B-9(6-6.5)

Tot Ion:105 Resp: 3508796

Ion Ratio Lower Upper

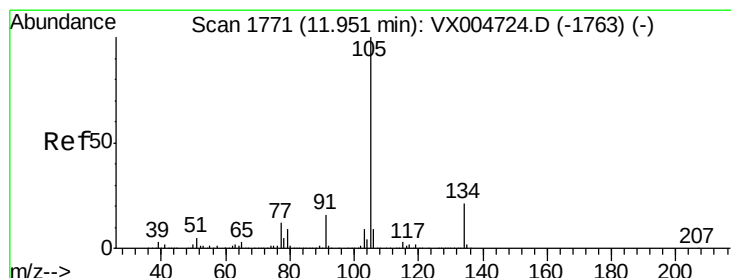
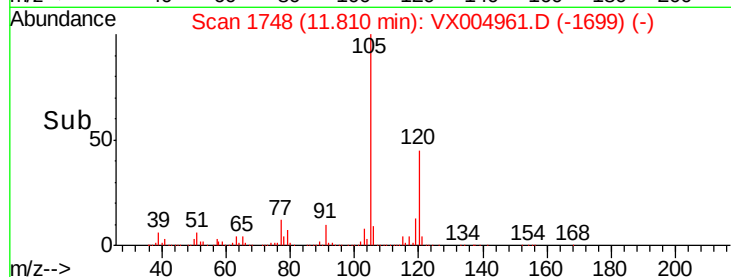
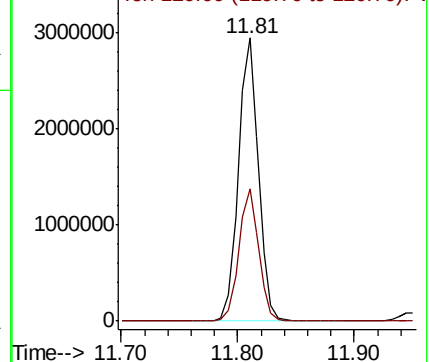
105 100

120 46.3 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 7.063 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004961.D

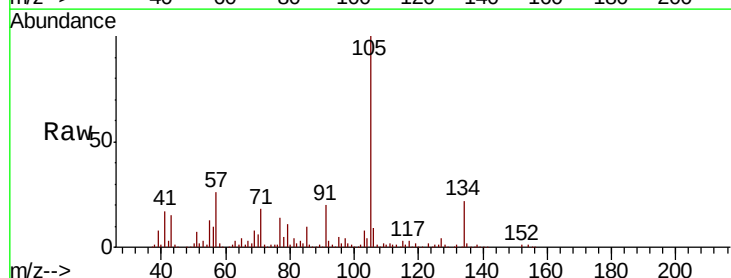
Acq: 03 Oct 2018 11:33

Tgt Ion:105 Resp: 105544

Ion Ratio Lower Upper

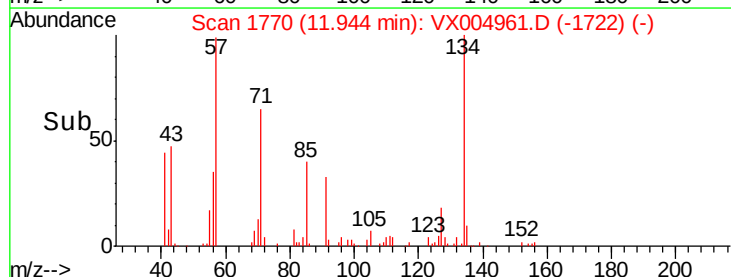
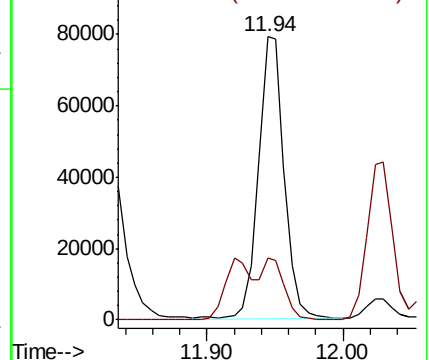
105 100

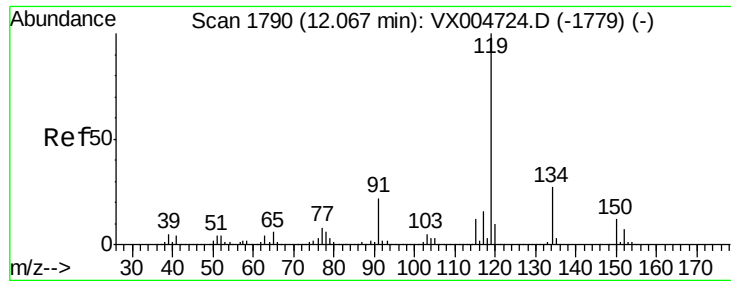
134 17.2 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 4.832 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004961.D

Acq: 03 Oct 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

B-9(6-6.5)

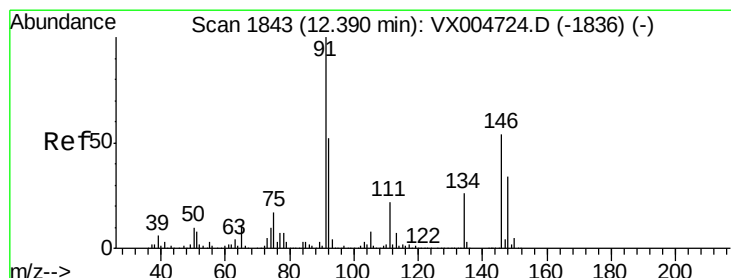
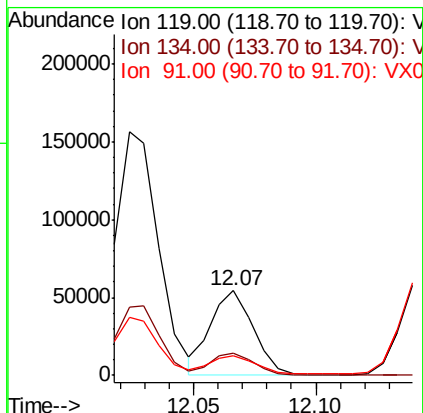
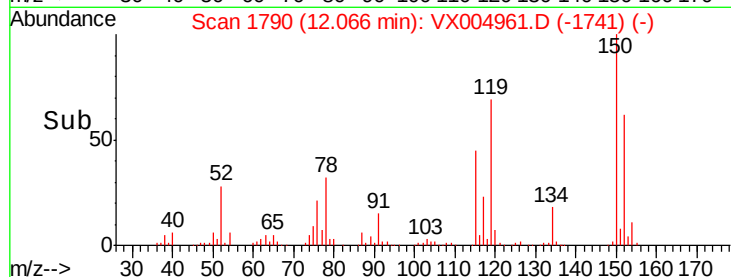
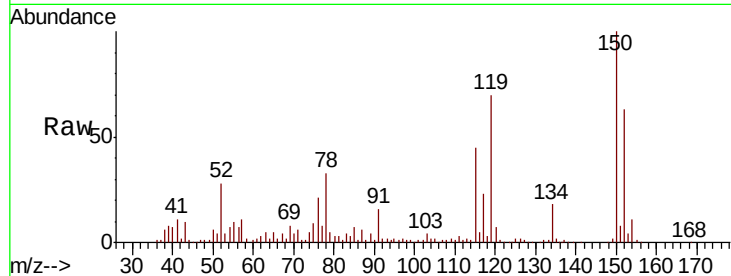
Tot Ion:119 Resp: 65423

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.4 11.5 34.4



#89

n-Butylbenzene

Concen: 36.919 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX004961.D

Acq: 03 Oct 2018 11:33

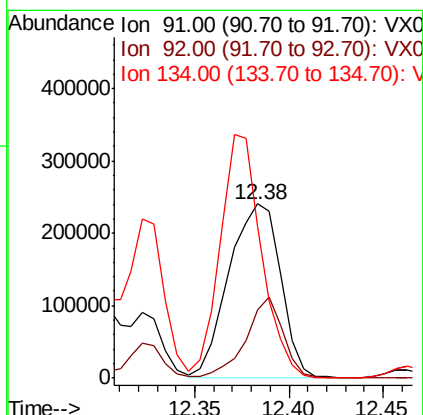
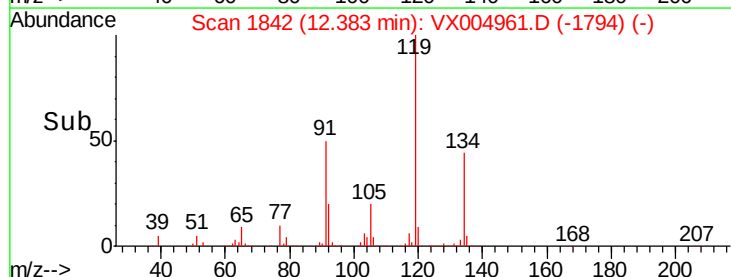
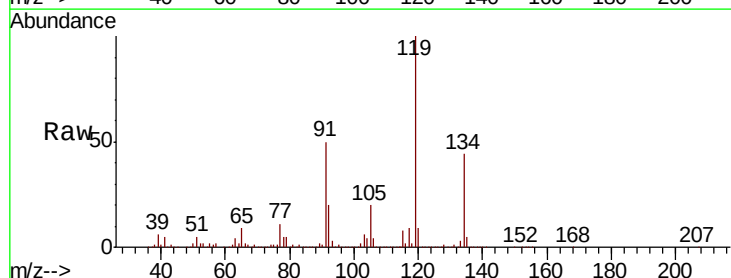
Tgt Ion: 91 Resp: 453954

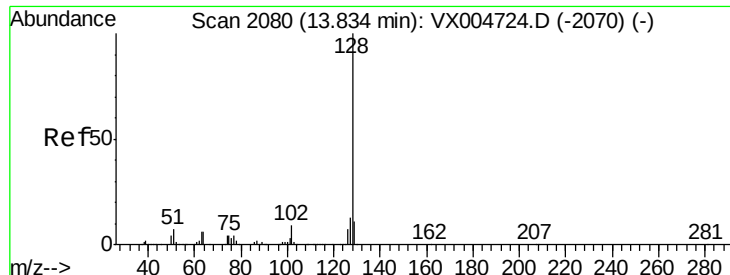
Ion Ratio Lower Upper

91 100

92 33.5 26.0 78.0

134 112.5 13.2 39.6#





#95
Naphthalene
Concen: 24.926 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004961.D
Acq: 03 Oct 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
B-9(6-6.5)

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.7	8.7	13.1

