

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004897.D
 Acq On : 02 Oct 2018 03:58
 Operator : JC/MD
 Sample : J5084-23DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-7(TW-1)DL

Quant Time: Oct 04 09:47:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

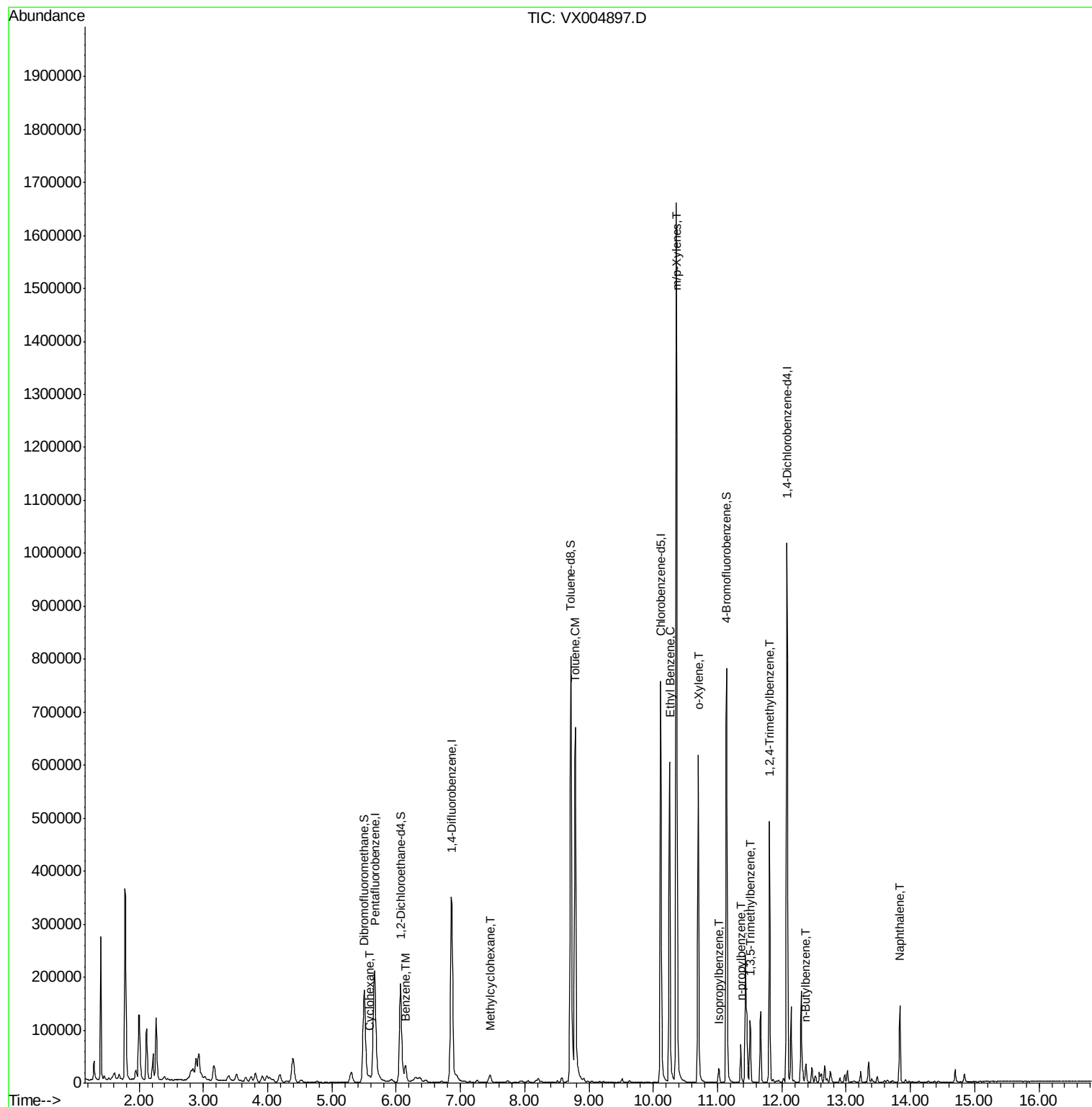
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370070	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	171758	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
35) Dibromofluoromethane	5.50	113	145637	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	8.71	98	536235	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.14	95	204244	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.58	56	7751	1.922	ug/l	94
39) Methylcyclohexane	7.46	83	5422	1.241	ug/l	91
40) Benzene	6.14	78	36628	2.734	ug/l	100
52) Toluene	8.79	92	265222	36.029	ug/l	97
67) Ethyl Benzene	10.26	91	377096	25.680	ug/l	98
68) m/p-Xylenes	10.36	106	394235	68.703	ug/l	95
69) o-Xylene	10.70	106	136808	25.957	ug/l	96
73) Isopropylbenzene	11.02	105	13827	1.029	ug/l	99
78) n-propylbenzene	11.36	91	42507	2.758	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	50857	3.949	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	212933	16.640	ug/l	99
89) n-Butylbenzene	12.38	91	4786	0.432	ug/l #	22
95) Naphthalene	13.83	128	88914	5.664	ug/l	100

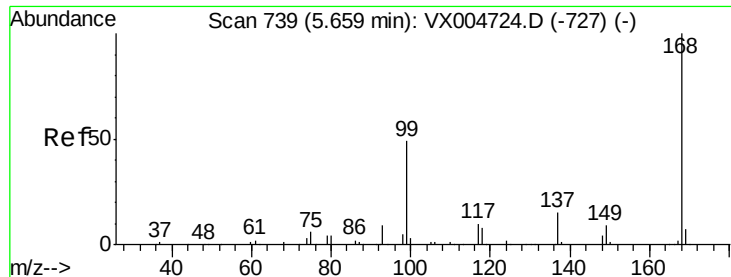
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 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: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA_X

ClientSampled :

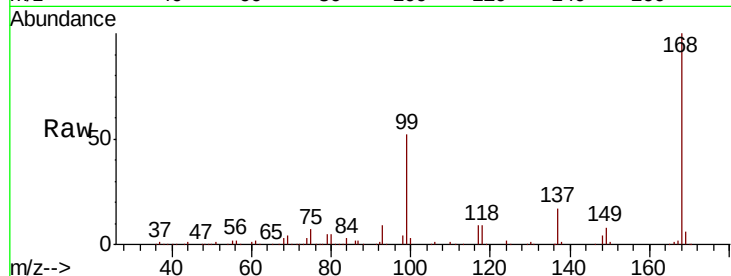
B-7(TW-1)DL

Tot Ion:168 Resp: 221892

Ion Ratio Lower Upper

168 100

99 51.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

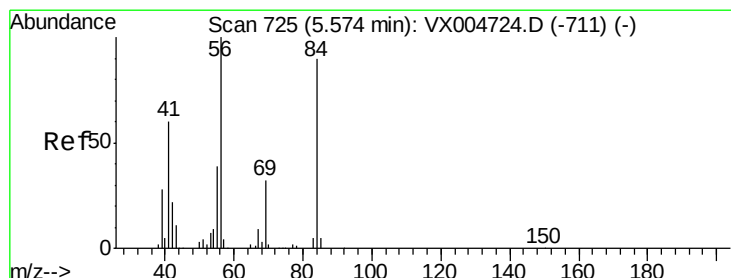
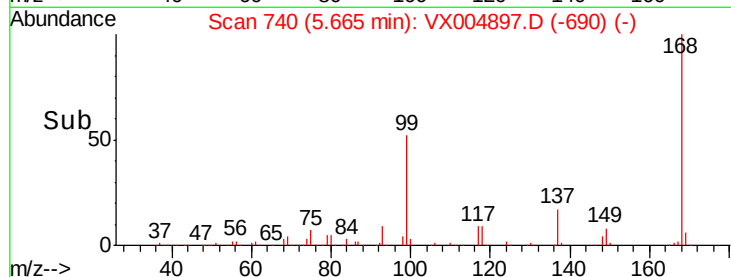
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 1.922 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

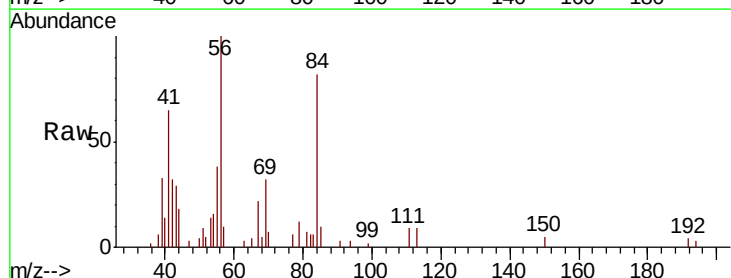
Tgt Ion: 56 Resp: 7751

Ion Ratio Lower Upper

56 100

69 26.8 25.4 38.2

84 84.2 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

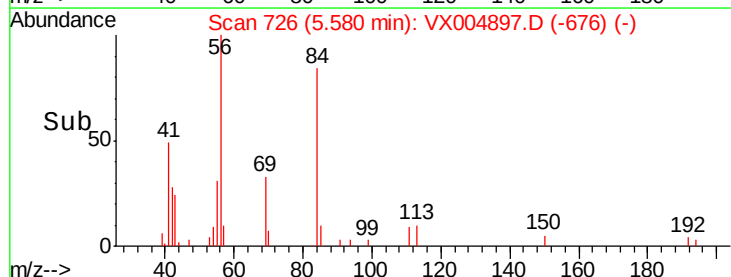
3000

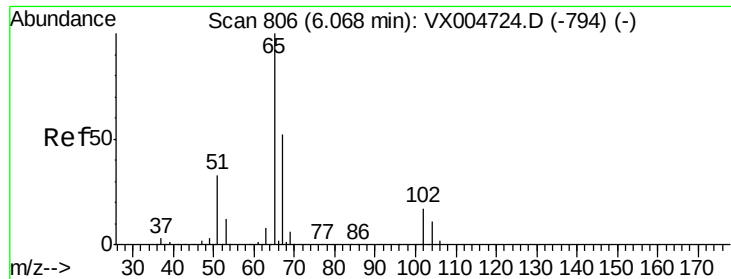
2000

1000

0

Time--> 5.45 5.50 5.55 5.60 5.65

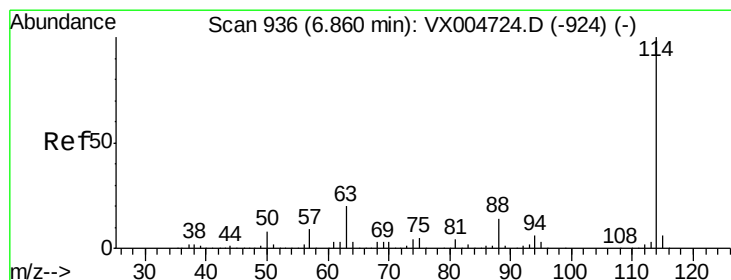
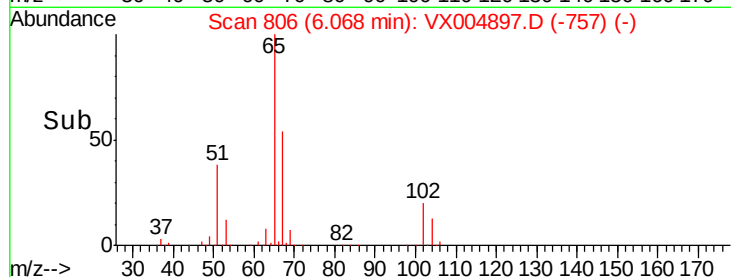
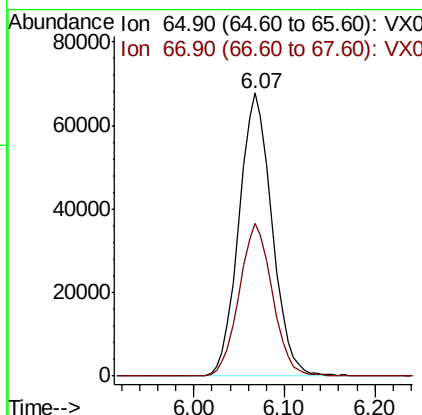
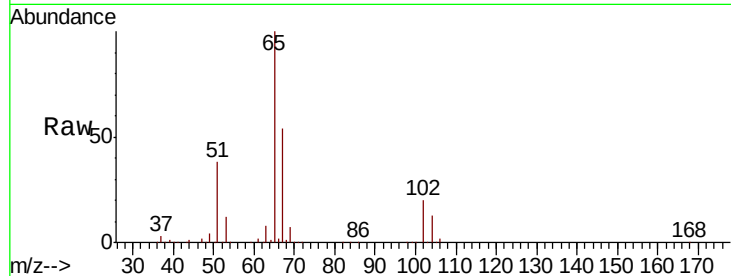




#33
 1,2-Dichloroethane-d4
 Concen: 54.187 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004897.D
 Acq: 02 Oct 2018 03:58

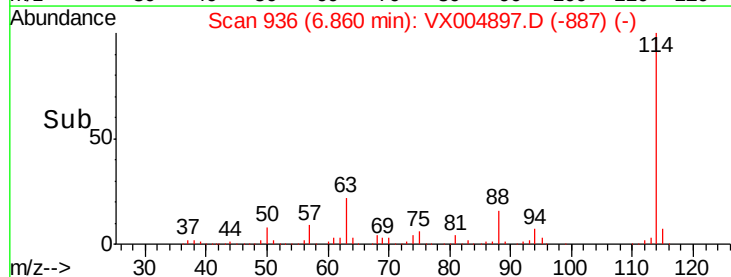
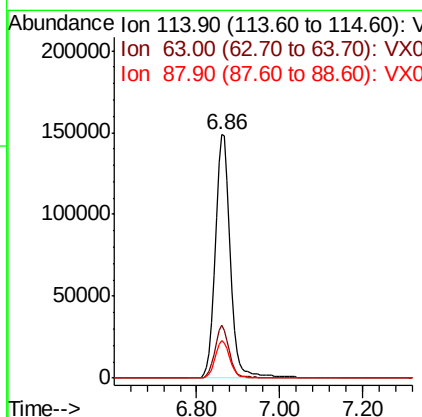
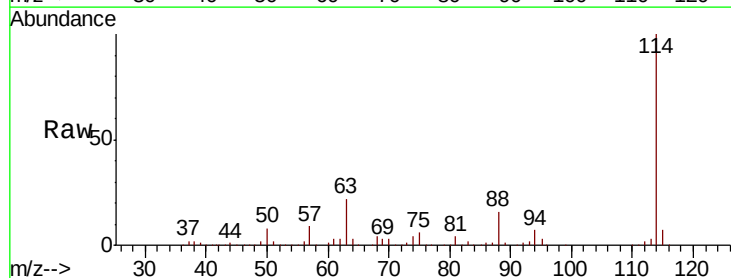
Instrument :
 MSVOA_X
 ClientSampleId :
 B-7(TW-1)DL

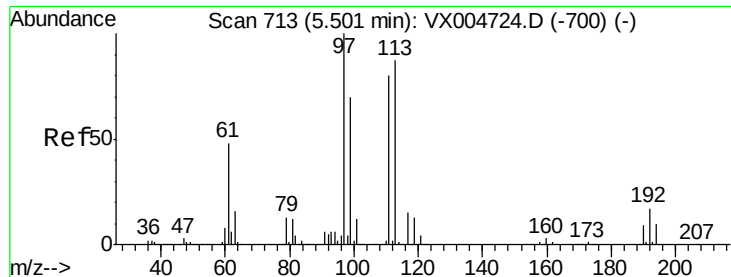
Tot Ion: 65 Resp: 171758
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004897.D
 Acq: 02 Oct 2018 03:58

Tgt Ion: 114 Resp: 370070
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 39.0
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.435 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA_X

ClientSampleId :

B-7(TW-1)DL

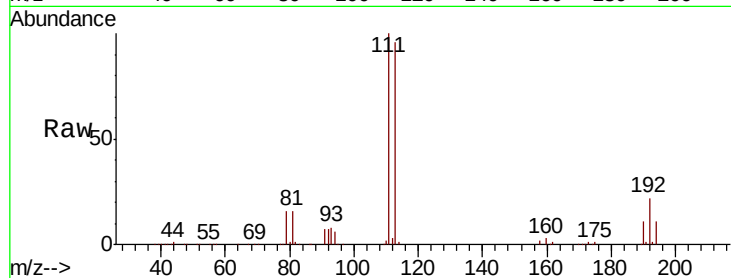
Tot Ion:113 Resp: 145637

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

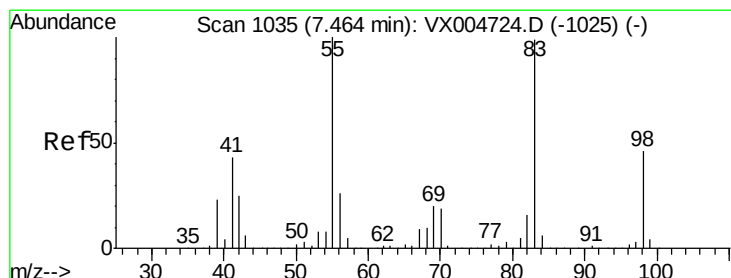
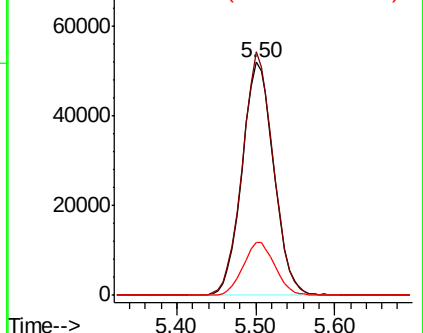
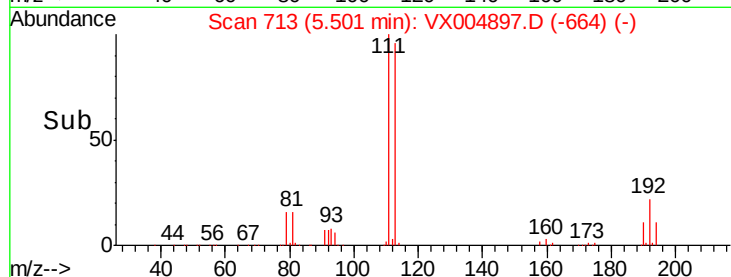
192 22.9 19.4 29.2



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

Methylcyclohexane

Concen: 1.241 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

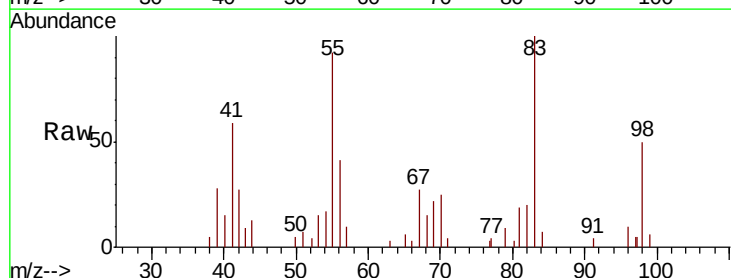
Tgt Ion: 83 Resp: 5422

Ion Ratio Lower Upper

83 100

55 88.2 61.0 91.4

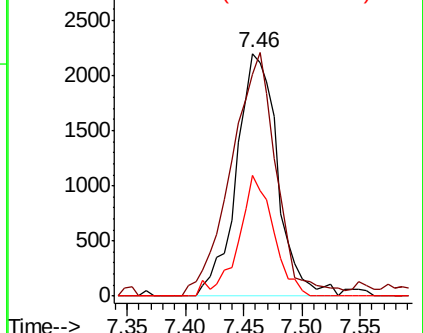
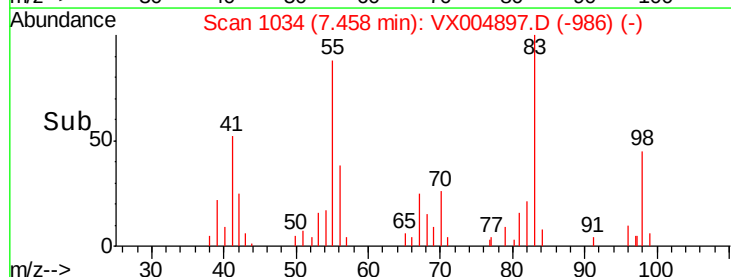
98 49.9 39.6 59.4

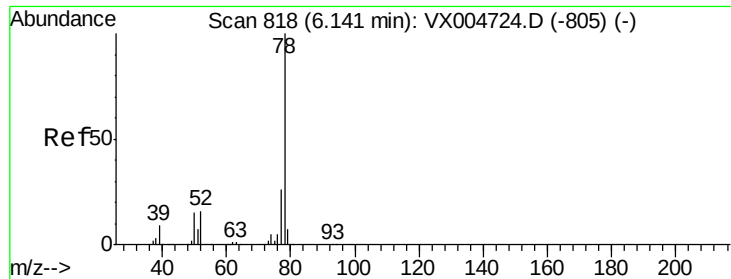


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 2.734 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA_X

ClientSampleId :

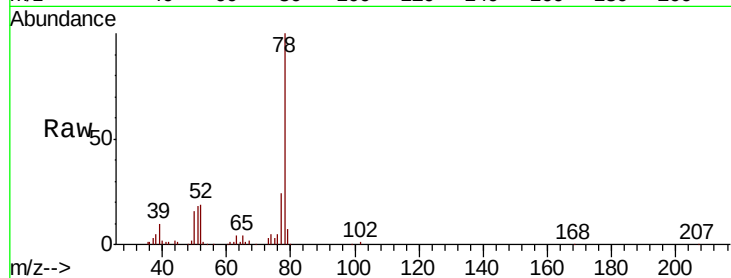
B-7(TW-1)DL

Tot Ion: 78 Resp: 36628

Ion Ratio Lower Upper

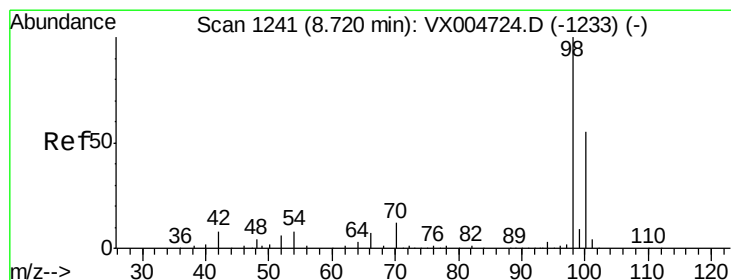
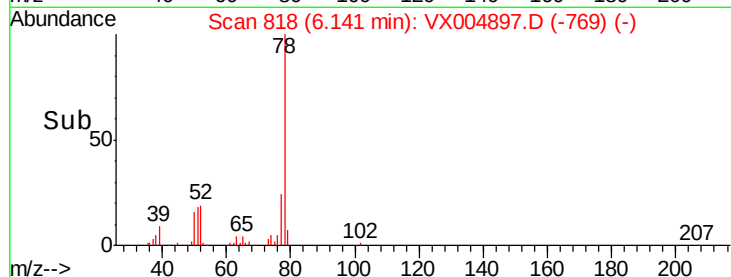
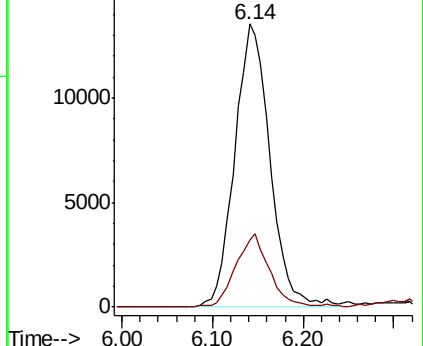
78 100

77 23.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 51.428 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004897.D

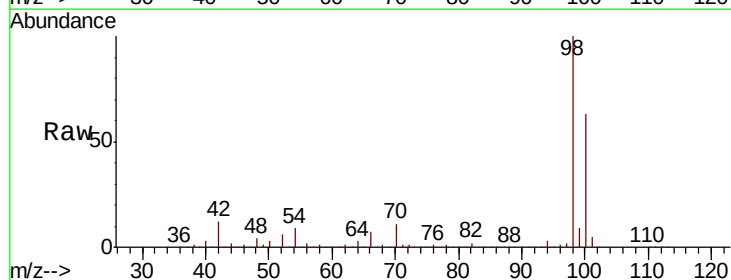
Acq: 02 Oct 2018 03:58

Tgt Ion: 98 Resp: 536235

Ion Ratio Lower Upper

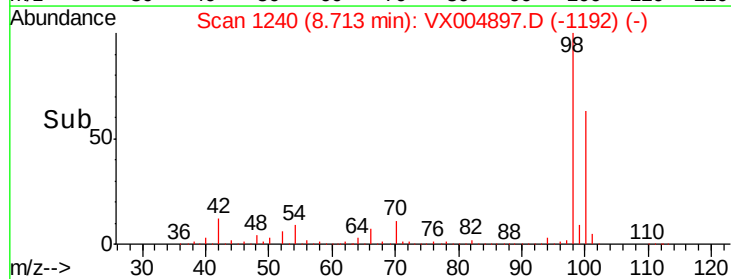
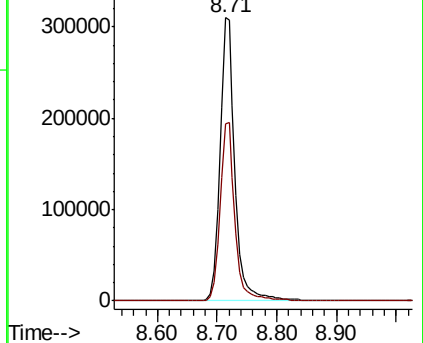
98 100

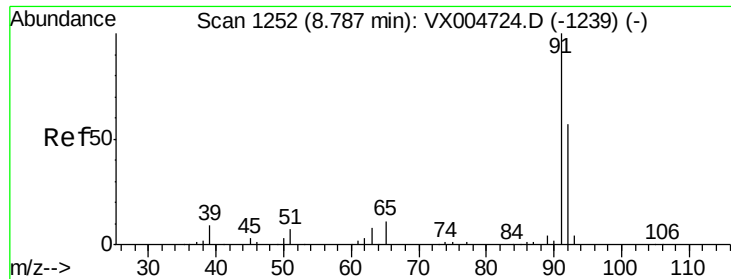
100 63.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 36.029 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA_X

ClientSampleId :

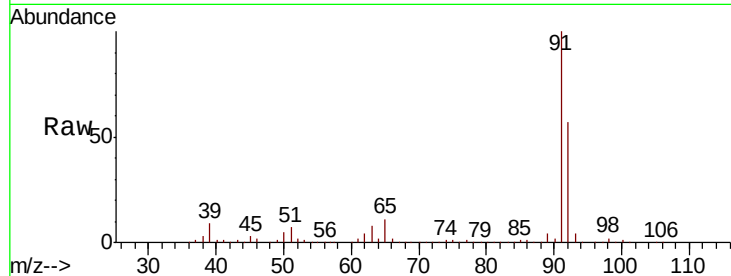
B-7(TW-1)DL

Tot Ion: 92 Resp: 265222

Ion Ratio Lower Upper

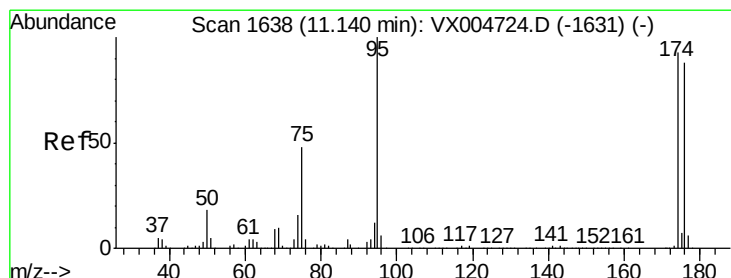
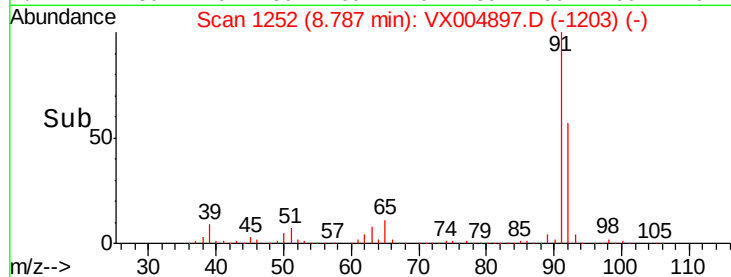
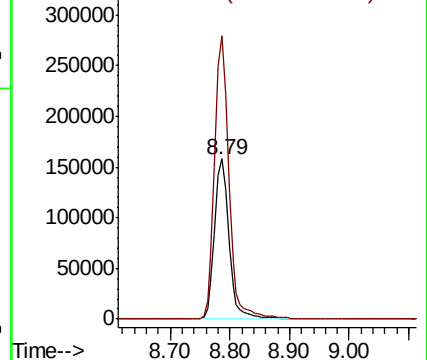
92 100

91 175.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.373 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

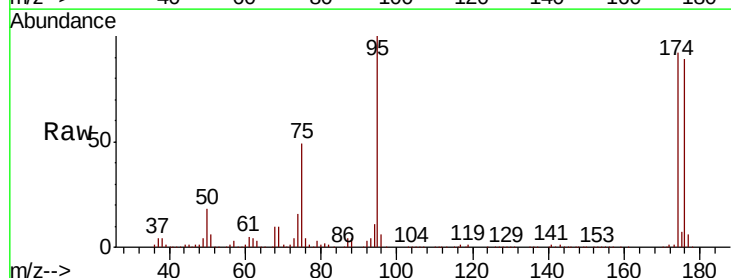
Tgt Ion: 95 Resp: 204244

Ion Ratio Lower Upper

95 100

174 90.5 0.0 185.2

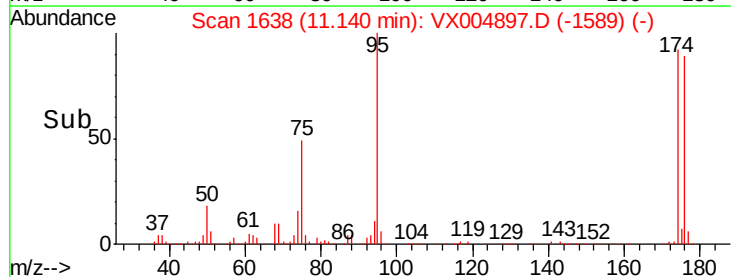
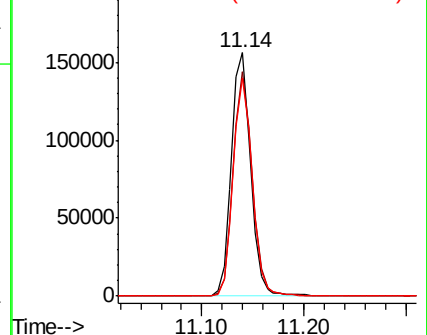
176 88.5 0.0 178.6

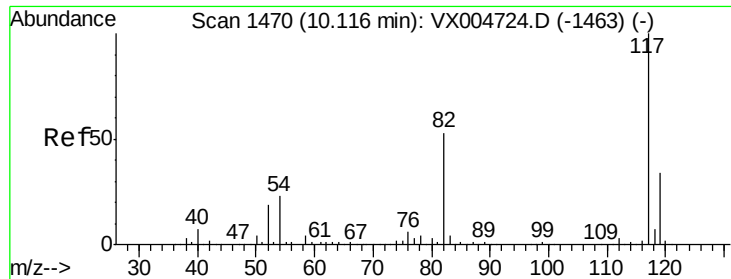


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

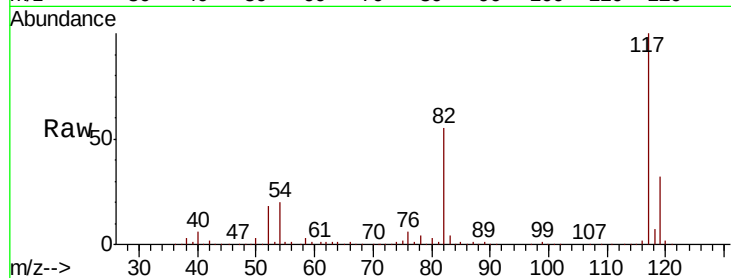




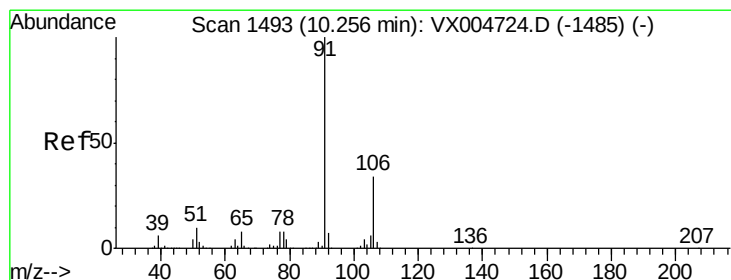
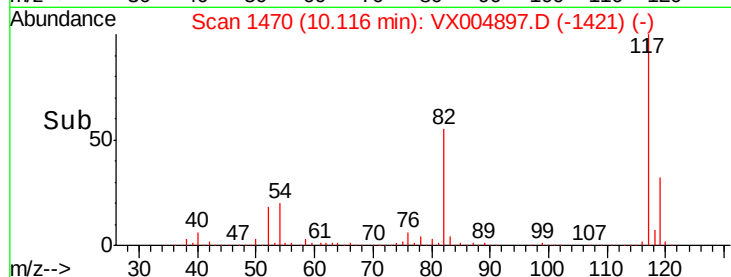
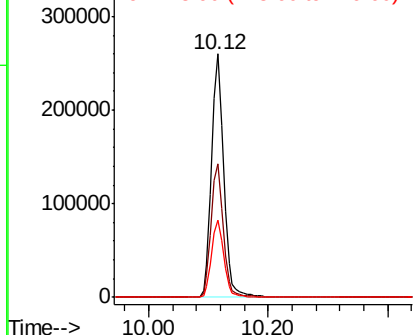
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004897.D
Acq: 02 Oct 2018 03:58

Instrument :
MSVOA_X
ClientSampled :
B-7(TW-1)DL

Tot Ion:117 Resp: 360697
Ion Ratio Lower Upper
117 100
82 54.6 47.8 71.6
119 31.6 29.3 43.9

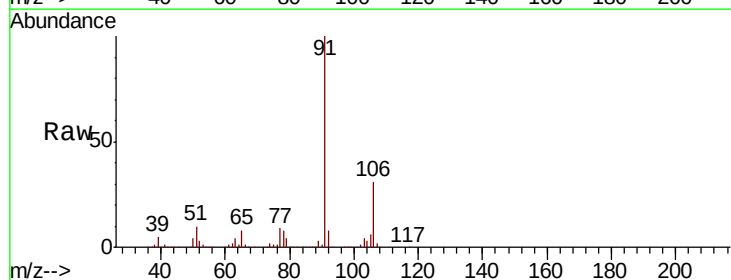


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

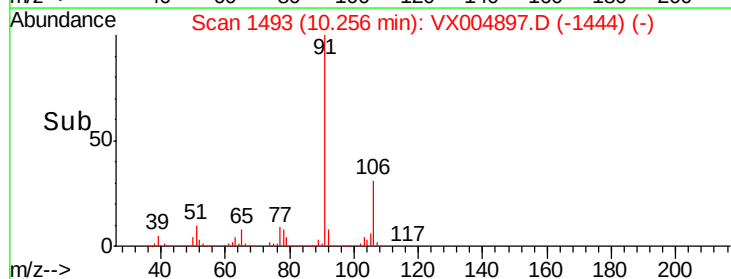
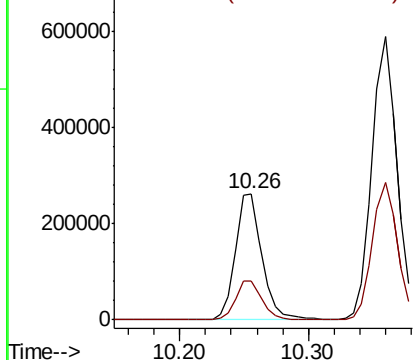


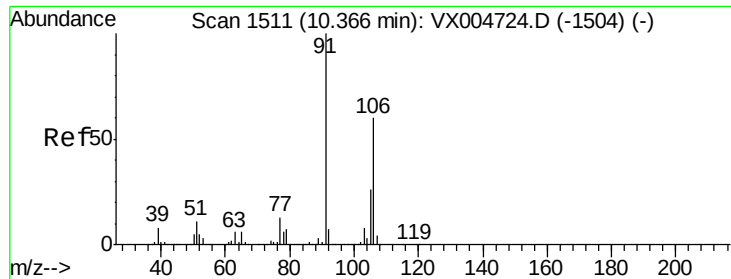
#67
Ethyl Benzene
Concen: 25.680 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004897.D
Acq: 02 Oct 2018 03:58

Tgt Ion: 91 Resp: 377096
Ion Ratio Lower Upper
91 100
106 31.2 25.9 38.9



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

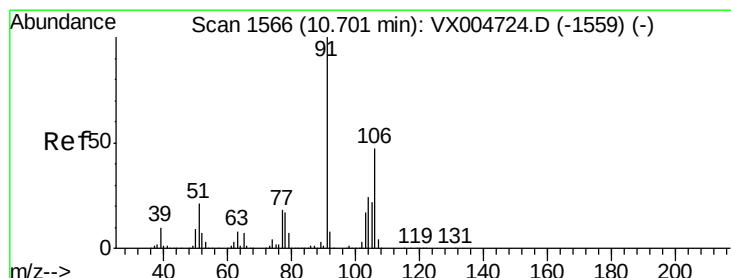
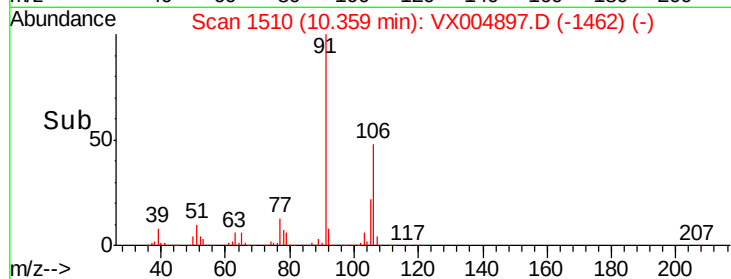
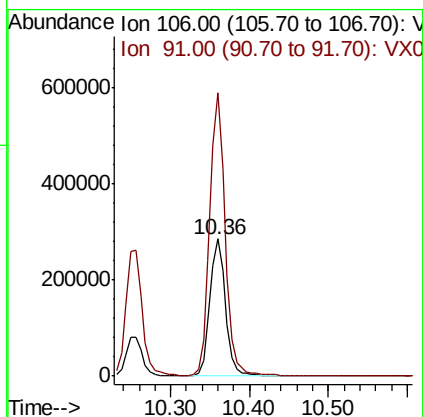
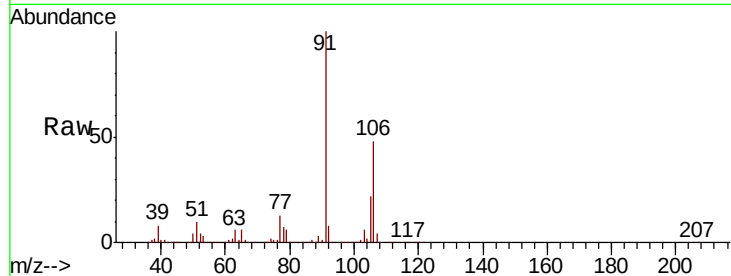




#68
m/p-Xylenes
Concen: 68.703 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004897.D
Acq: 02 Oct 2018 03:58

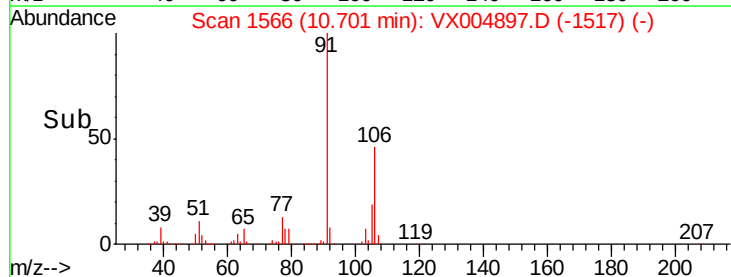
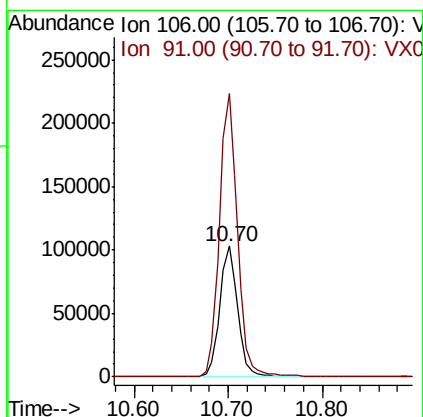
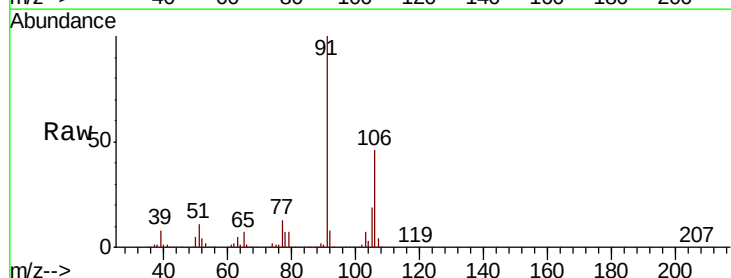
Instrument :
MSVOA_X
ClientSampleId :
B-7(TW-1)DL

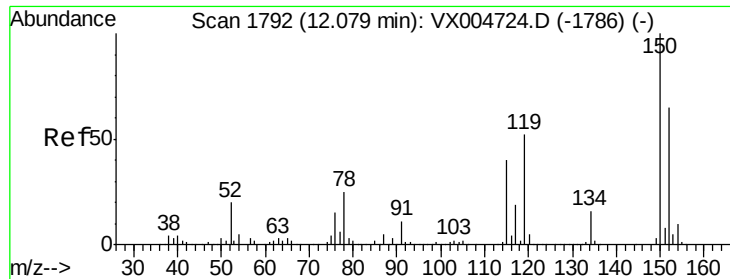
Tot Ion:106 Resp: 394235
Ion Ratio Lower Upper
106 100
91 204.6 157.1 235.7



#69
o-Xylene
Concen: 25.957 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004897.D
Acq: 02 Oct 2018 03:58

Tgt Ion:106 Resp: 136808
Ion Ratio Lower Upper
106 100
91 216.9 105.1 315.1



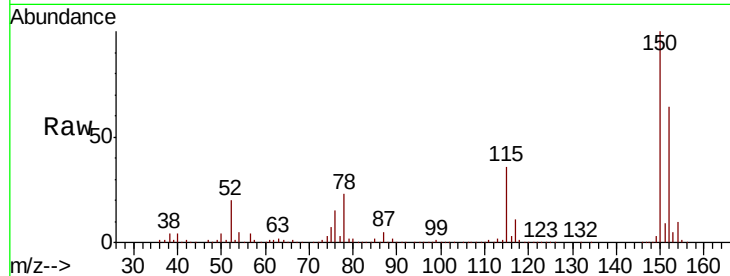


#72

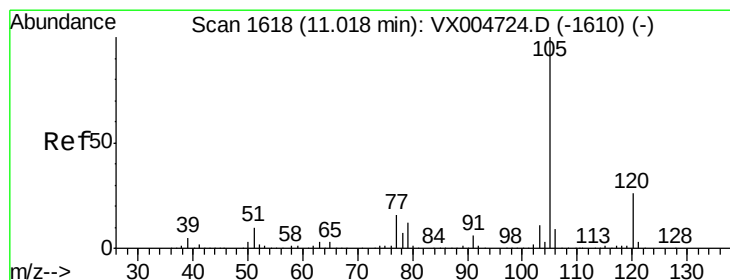
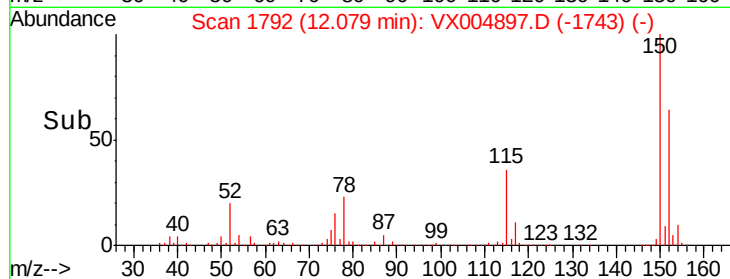
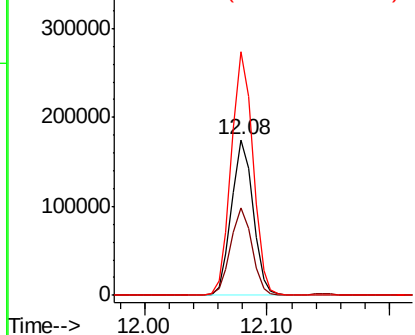
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004897.D
Acq: 02 Oct 2018 03:58

Instrument :
MSVOA_X
ClientSampled :
B-7(TW-1)DL

Tot Ion:152 Resp: 213094
Ion Ratio Lower Upper
152 100
115 55.6 39.0 117.0
150 157.2 0.0 351.0



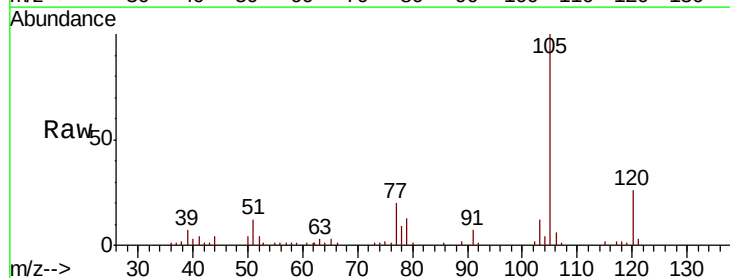
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



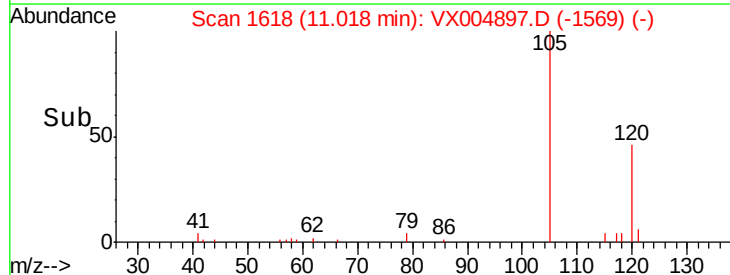
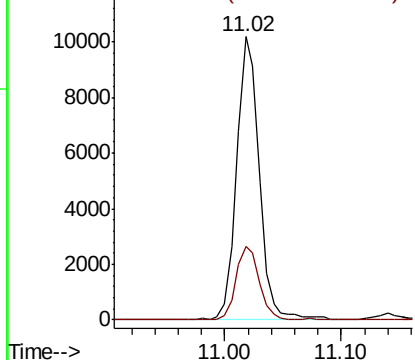
#73

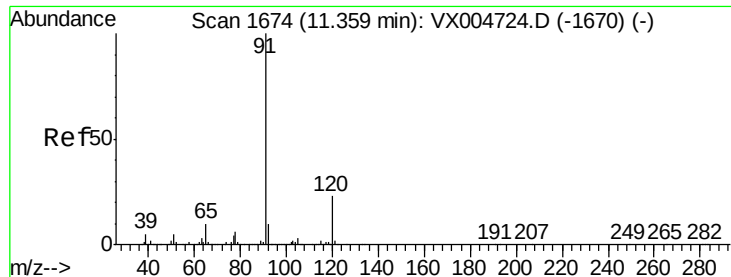
Isopropylbenzene
Concen: 1.029 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004897.D
Acq: 02 Oct 2018 03:58

Tgt Ion:105 Resp: 13827
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.4



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





#78

n-propylbenzene

Concen: 2.758 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004897.D

Acq: 02 Oct 2018 03:58

Instrument :

MSVOA_X

ClientSampleId :

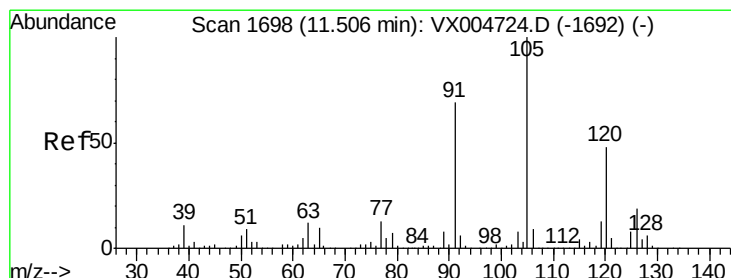
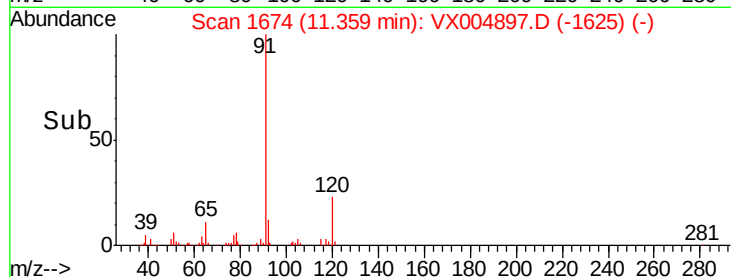
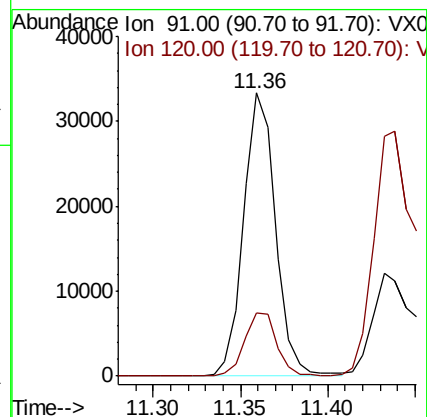
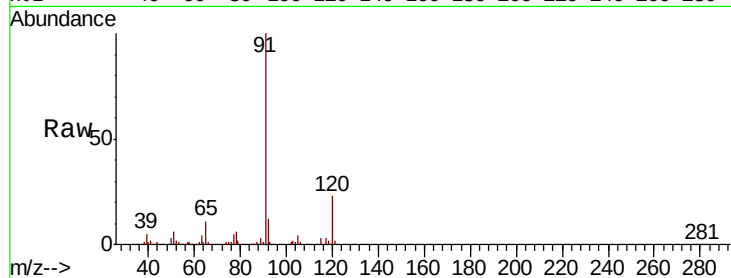
B-7(TW-1)DL

Tot Ion: 91 Resp: 42507

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.9



#80

1,3,5-Trimethylbenzene

Concen: 3.949 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004897.D

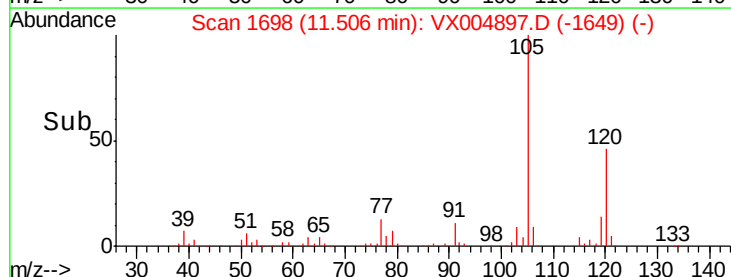
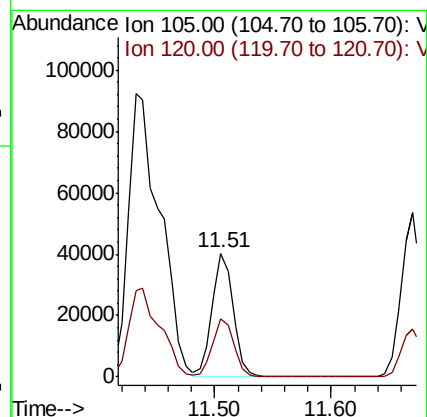
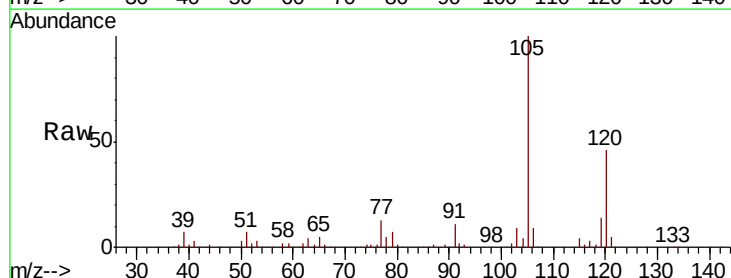
Acq: 02 Oct 2018 03:58

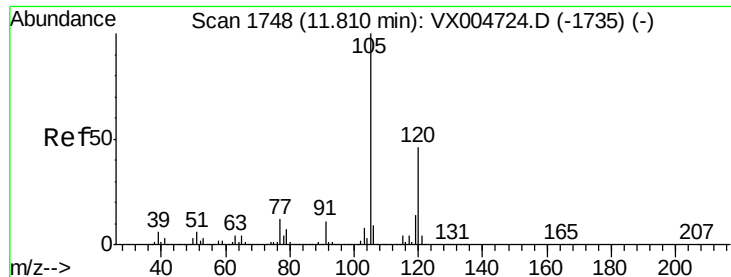
Tgt Ion: 105 Resp: 50857

Ion Ratio Lower Upper

105 100

120 47.8 25.6 76.8

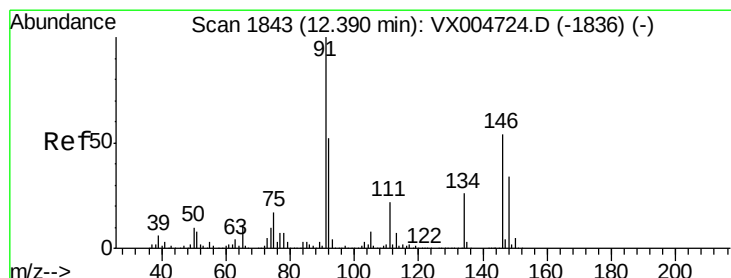
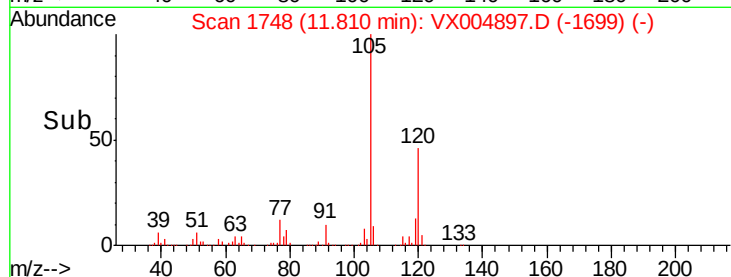
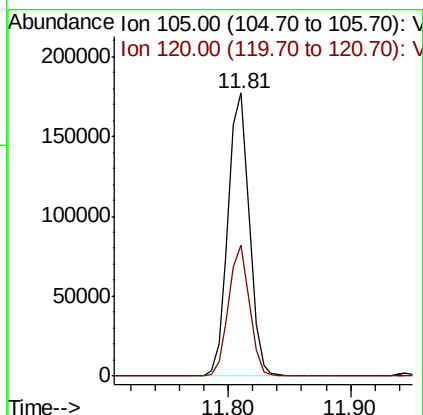
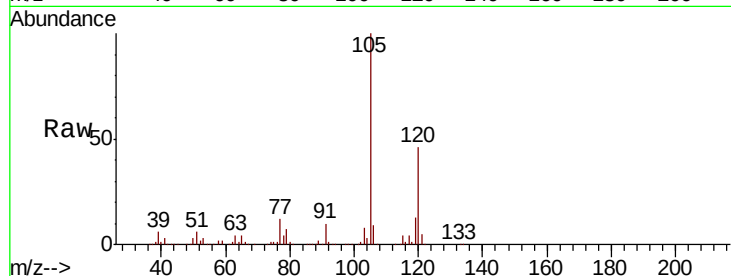




#84
 1,2,4-Trimethylbenzene
 Concen: 16.640 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004897.D
 Acq: 02 Oct 2018 03:58

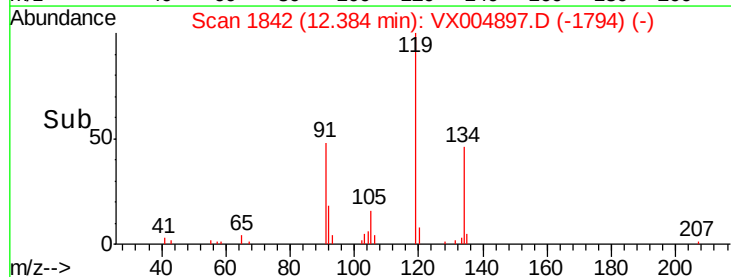
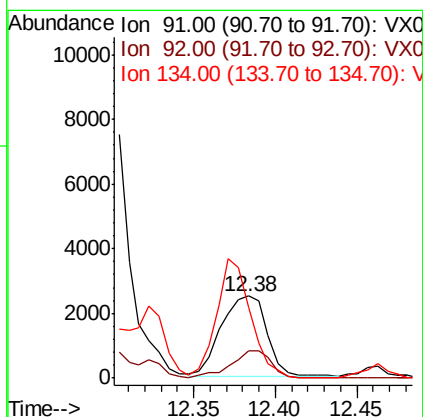
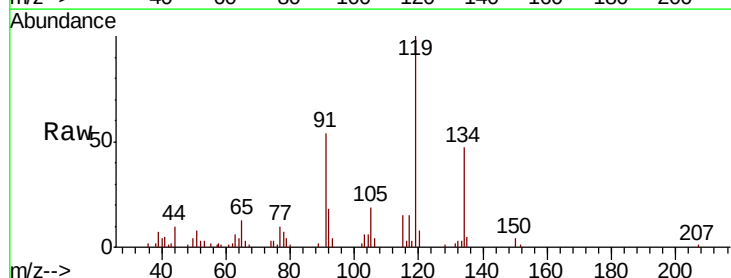
Instrument :
 MSVOA_X
 ClientSampled :
 B-7(TW-1)DL

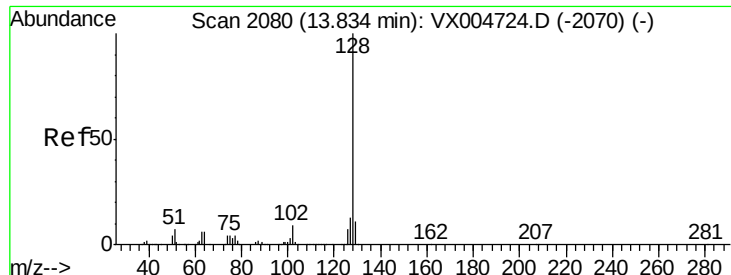
Tot Ion:105 Resp: 212933
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.2 69.6



#89
 n-Butylbenzene
 Concen: 0.432 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: VX004897.D
 Acq: 02 Oct 2018 03:58

Tgt Ion: 91 Resp: 4786
 Ion Ratio Lower Upper
 91 100
 92 29.9 27.3 81.9
 134 112.8 13.6 40.7#

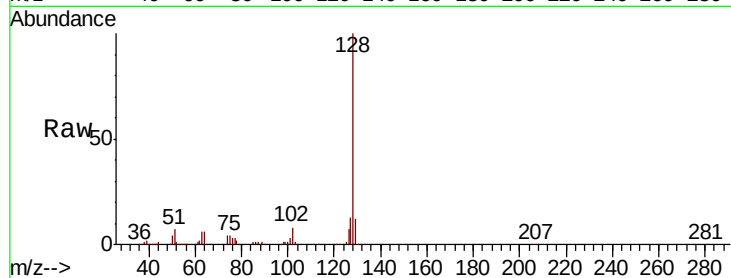




#95
Naphthalene
Concen: 5.664 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004897.D
Acq: 02 Oct 2018 03:58

Instrument :
MSVOA_X
ClientSampleId :
B-7(TW-1)DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.6	12.8



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

