

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004502.D
 Acq On : 12 Sep 2018 18:36
 Operator : JC/MD
 Sample : J4848-02DL 10X
 Misc : 2.00µL/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-A(8-12)DL

Quant Time: Sep 13 12:06:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196233	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	140594	52.95	ug/l	0.00
Spiked Amount			Recovery	=	105.90%	
35) Dibromofluoromethane	5.51	113	124437	40.90	ug/l	0.00
Spiked Amount			Recovery	=	81.80%	
50) Toluene-d8	8.72	98	485456	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	
62) 4-Bromofluorobenzene	11.14	95	213732	58.68	ug/l	0.00
Spiked Amount			Recovery	=	117.36%	

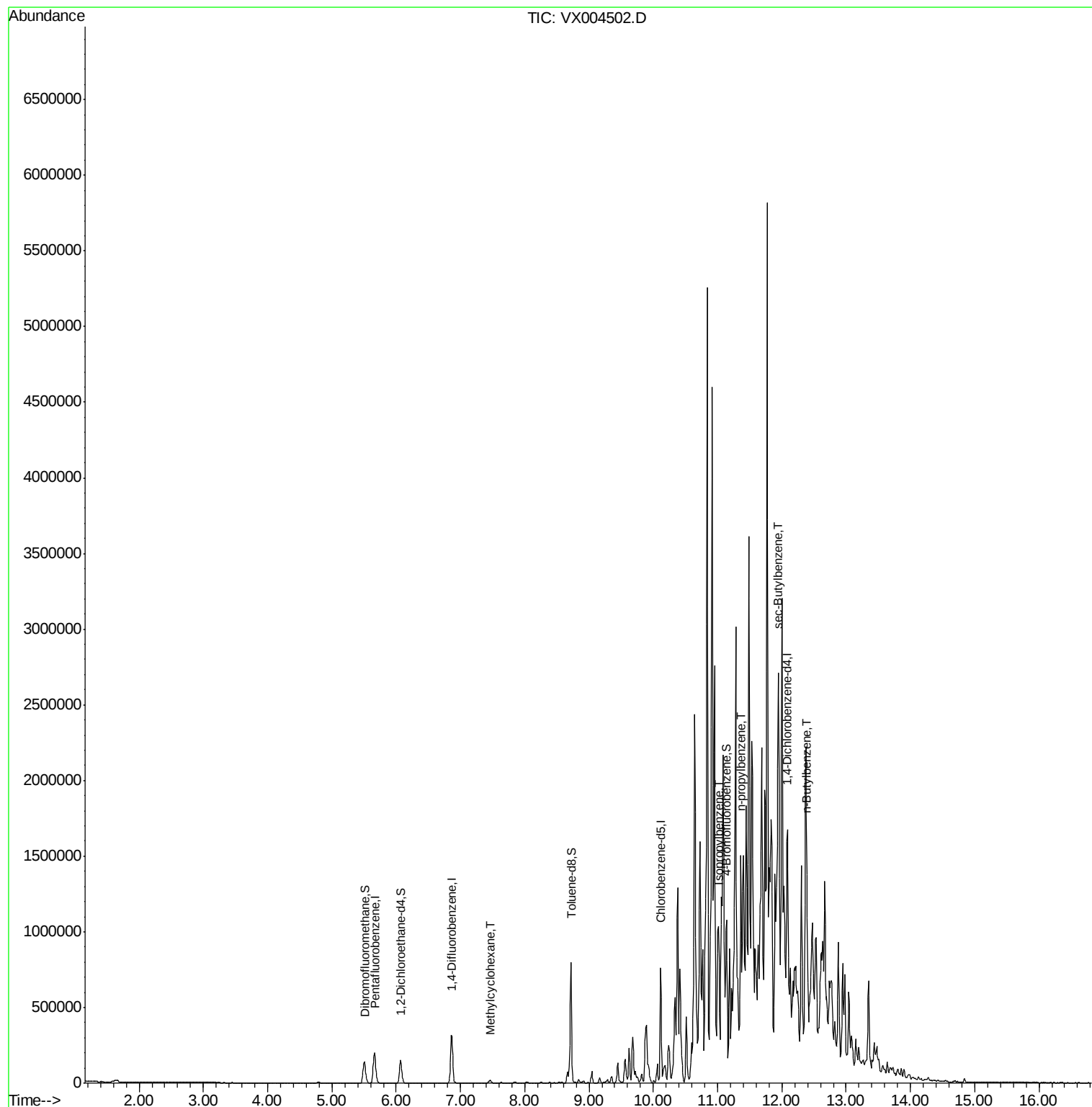
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	8300	1.97	ug/l	85
73) Isopropylbenzene	11.02	105	222364	17.21	ug/l	100
78) n-propylbenzene	11.36	91	704099	47.38	ug/l	98
85) sec-Butylbenzene	11.95	105	369331	28.02	ug/l	92
89) n-Butylbenzene	12.39	91	250795	23.65	ug/l	88

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

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EP1-MW-A(8-12)DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004502.D

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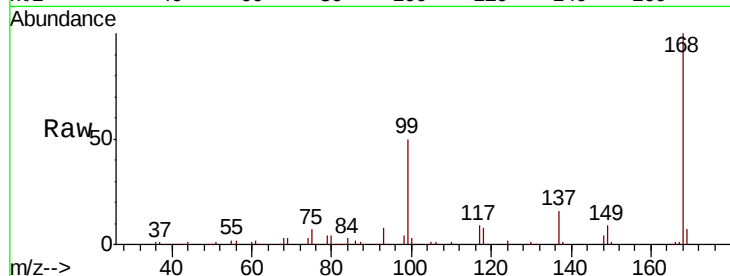
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(8-12)DL

Tot Ion:168 Resp: 205932

Ion Ratio Lower Upper

168 100

99 49.5 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

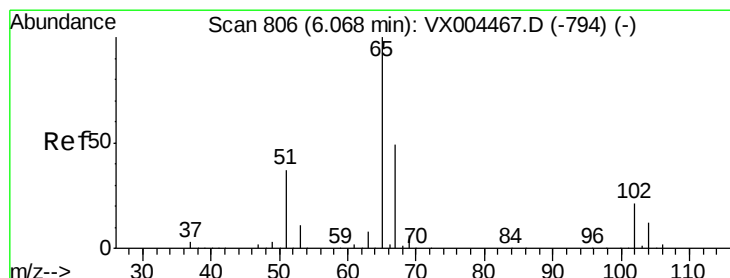
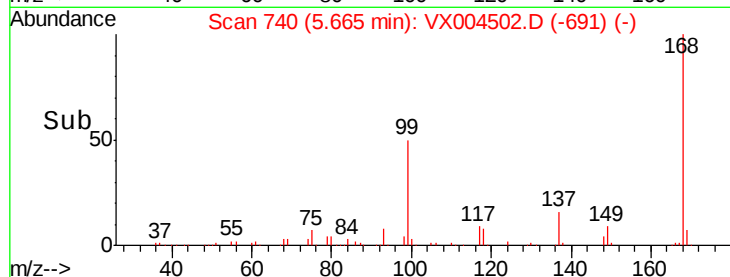
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.95 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004502.D

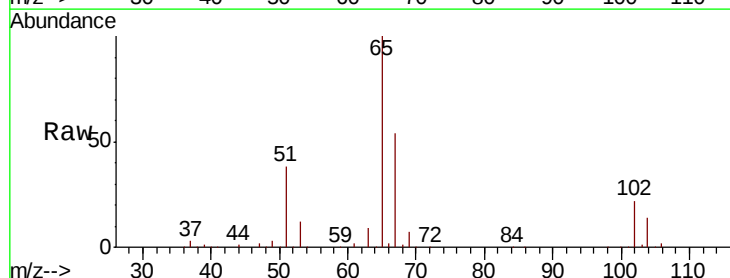
Acq: 12 Sep 2018 18:36

Tgt Ion: 65 Resp: 140594

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

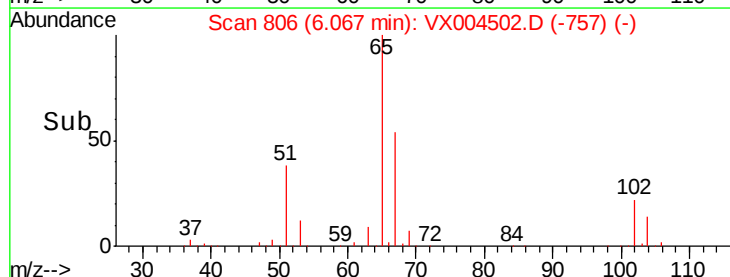
30000

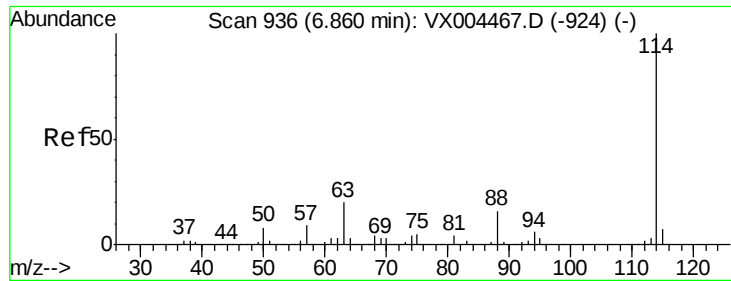
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

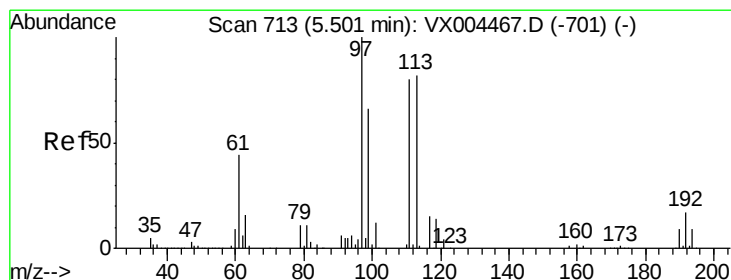
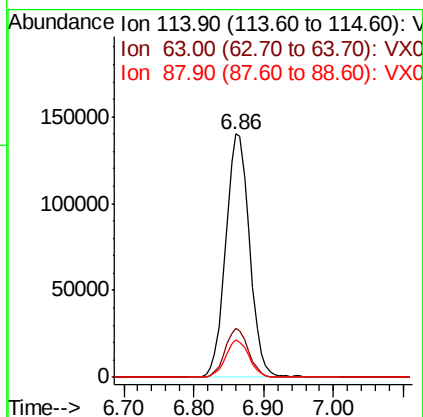
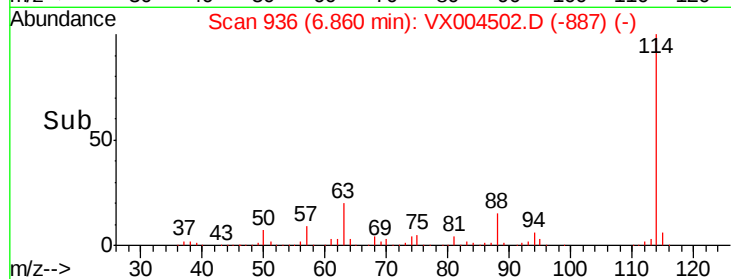
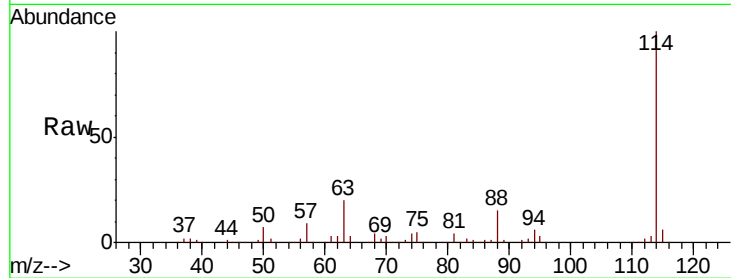




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004502.D
Acq: 12 Sep 2018 18:36

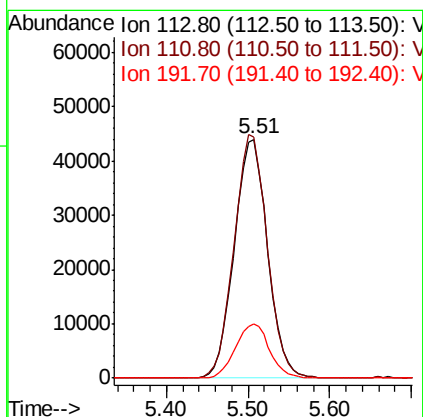
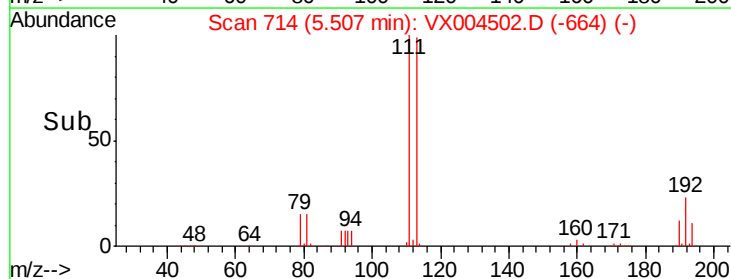
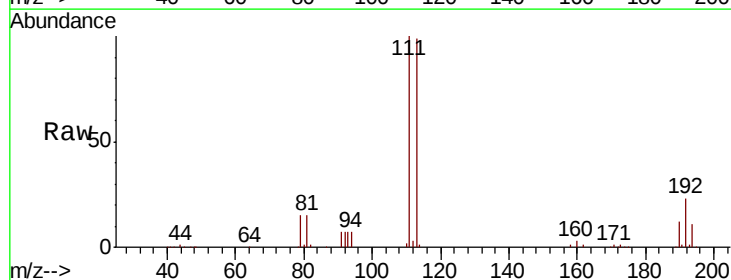
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(8-12)DL

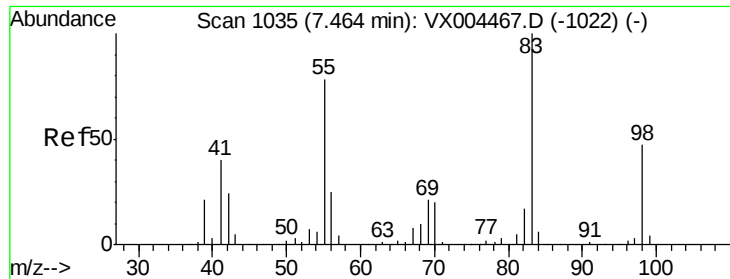
Tot Ion:114 Resp: 332493
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.0
88 15.5 0.0 30.4



#35
Dibromofluoromethane
Concen: 40.90 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004502.D
Acq: 12 Sep 2018 18:36

Tgt Ion:113 Resp: 124437
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 23.1 19.4 29.2

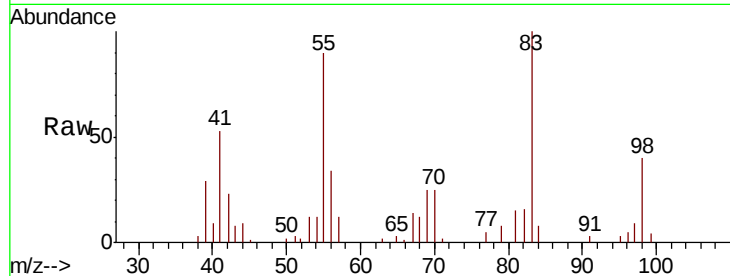




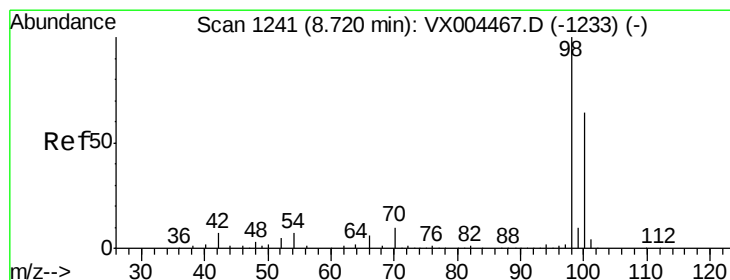
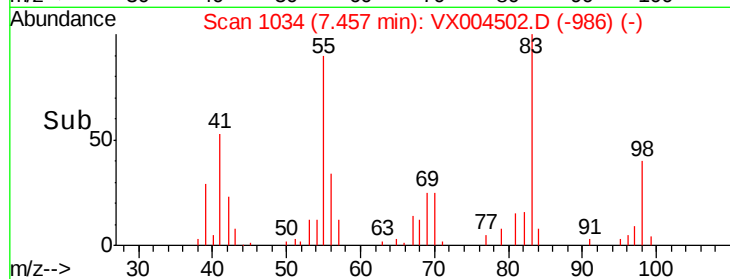
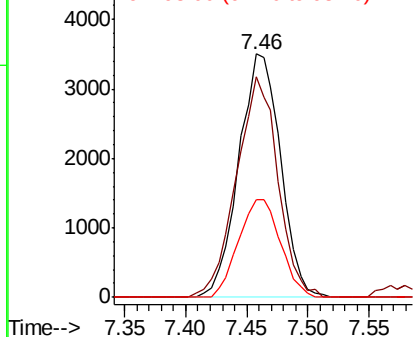
#39
Methvlcvclohexane
Concen: 1.97 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004502.D
Acq: 12 Sep 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(8-12)DL

Tot Ion: 83 Resp: 8300
Ion Ratio Lower Upper
83 100
55 90.4 61.0 91.4
98 40.3 39.6 59.4

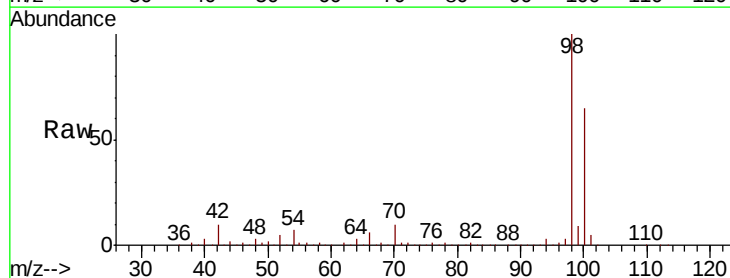


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

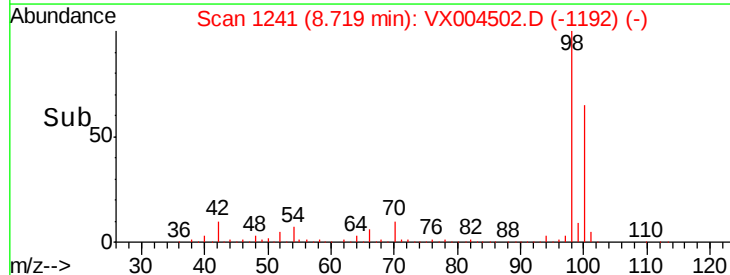
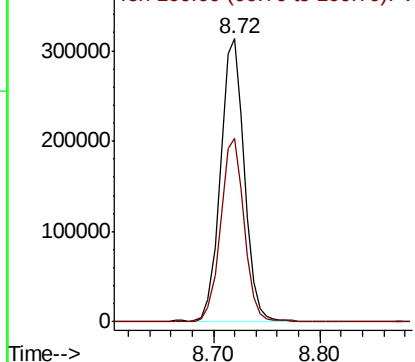


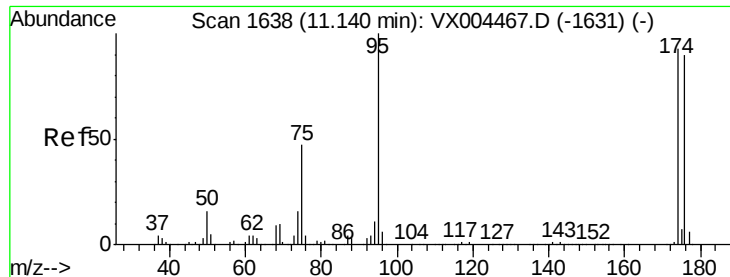
#50
Toluene-d8
Concen: 47.58 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004502.D
Acq: 12 Sep 2018 18:36

Tgt Ion: 98 Resp: 485456
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 58.68 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004502.D

Acq: 12 Sep 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(8-12)DL

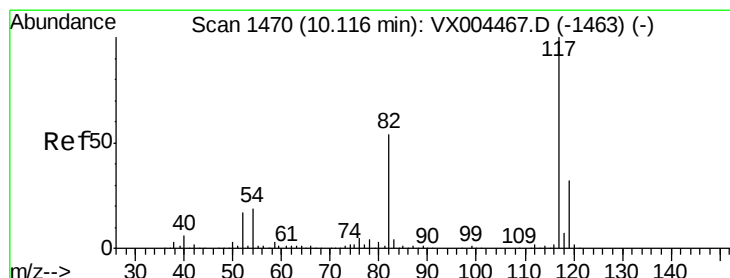
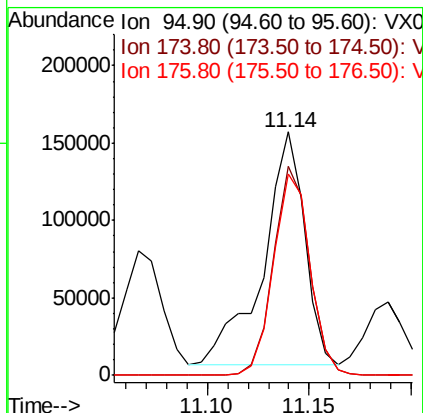
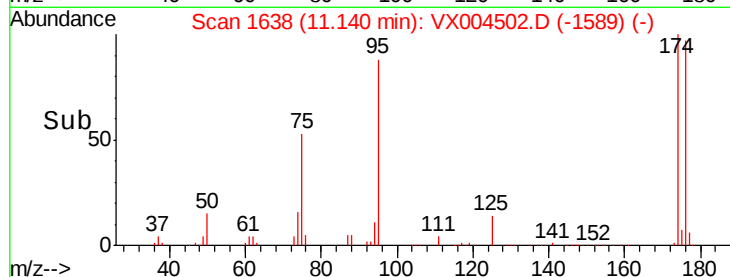
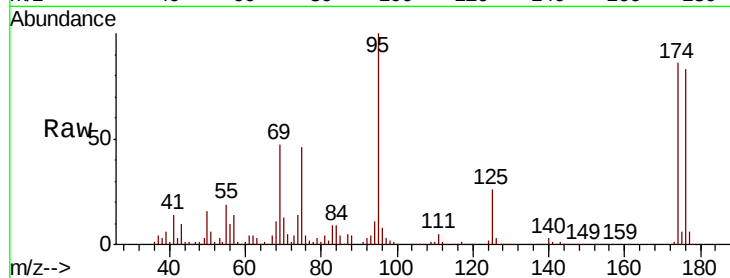
Tot Ion: 95 Resp: 213732

Ion Ratio Lower Upper

95 100

174 78.2 0.0 185.2

176 76.8 0.0 178.6



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004502.D

Acq: 12 Sep 2018 18:36

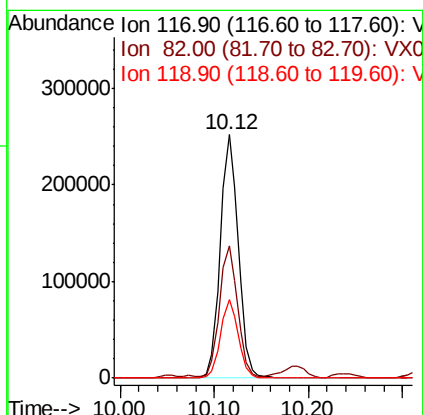
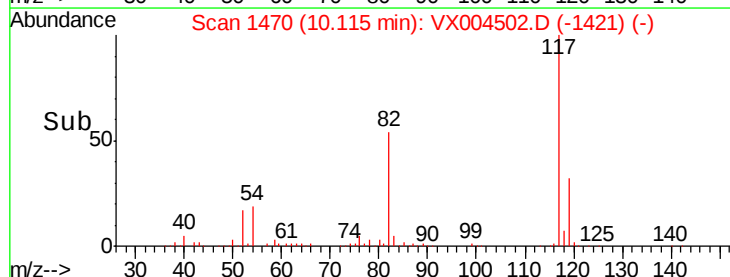
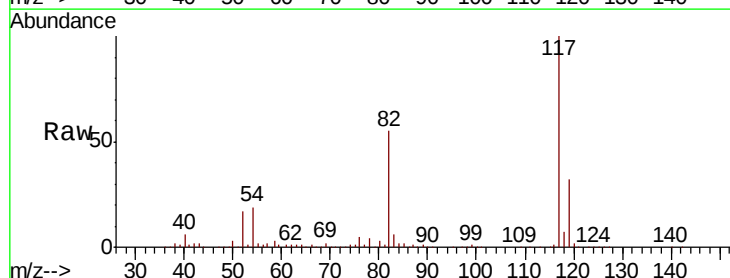
Tgt Ion: 117 Resp: 335128

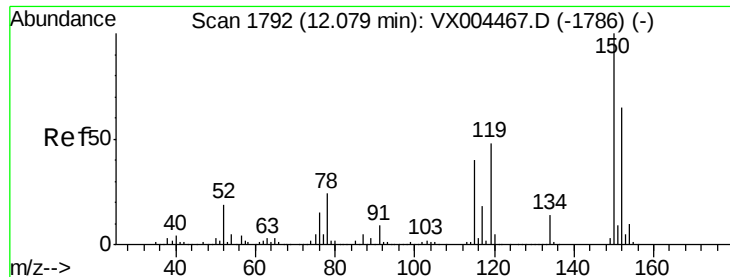
Ion Ratio Lower Upper

117 100

82 53.5 47.8 71.6

119 32.0 29.3 43.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004502.D

Acq: 12 Sep 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(8-12)DL

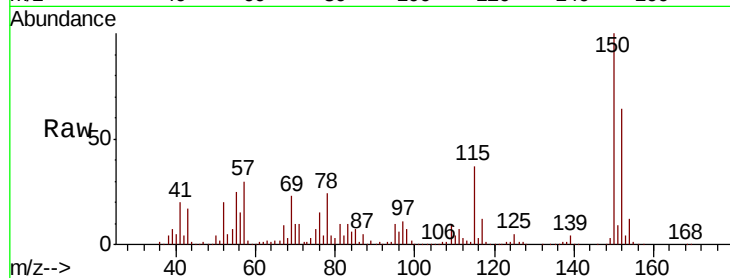
Tot Ion:152 Resp: 196233

Ion Ratio Lower Upper

152 100

115 54.2 39.0 117.0

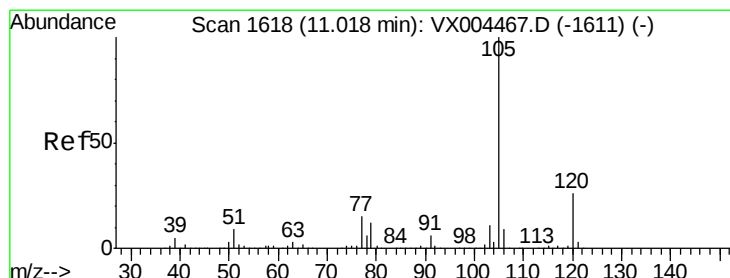
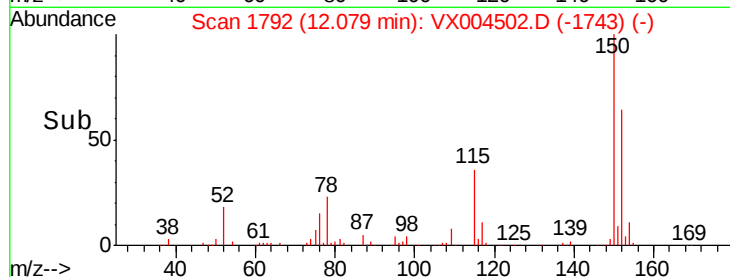
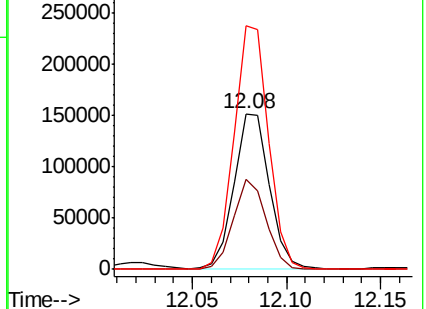
150 153.6 0.0 351.0



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: 17.21 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX004502.D

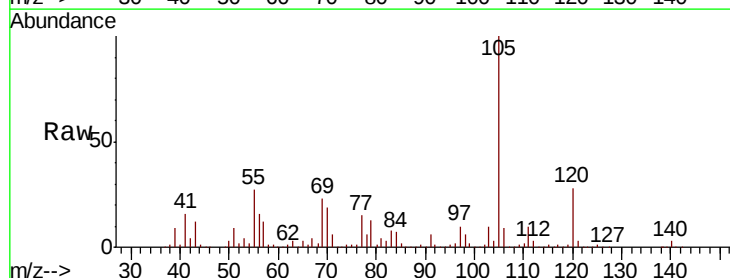
Acq: 12 Sep 2018 18:36

Tgt Ion:105 Resp: 222364

Ion Ratio Lower Upper

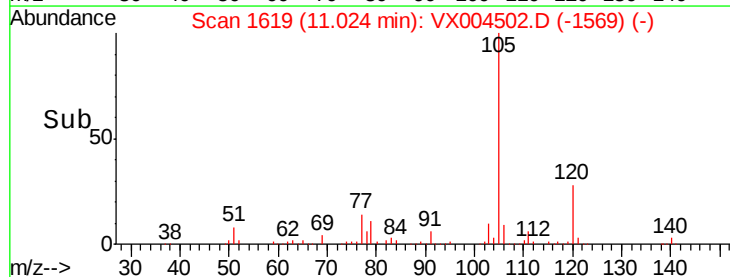
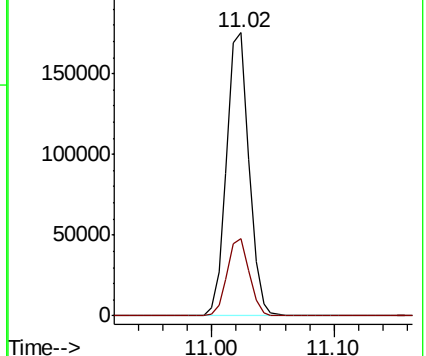
105 100

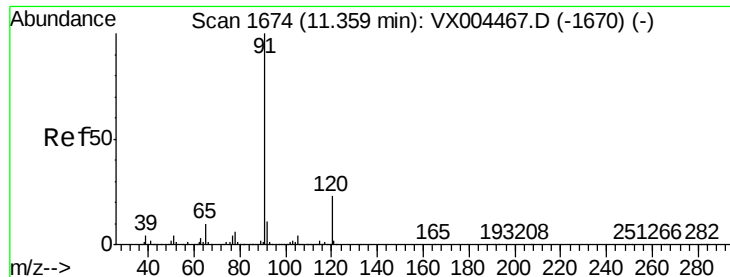
120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 47.38 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004502.D

Acq: 12 Sep 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

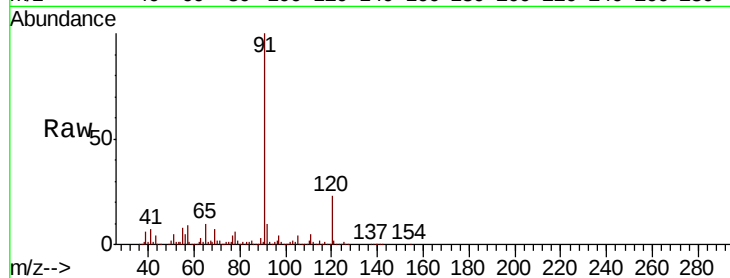
EP1-MW-A(8-12)DL

Tot Ion: 91 Resp: 704099

Ion Ratio Lower Upper

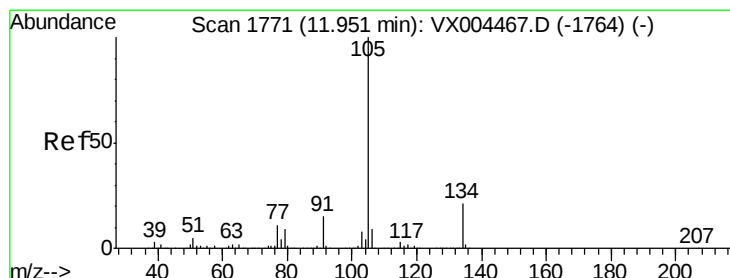
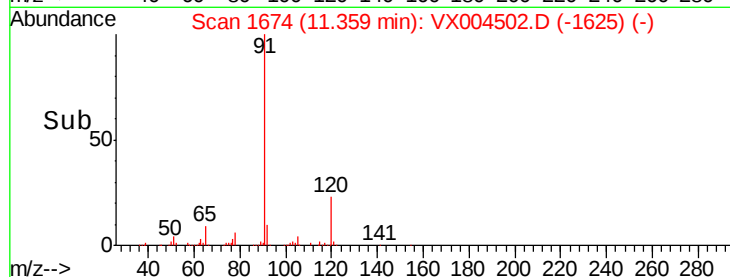
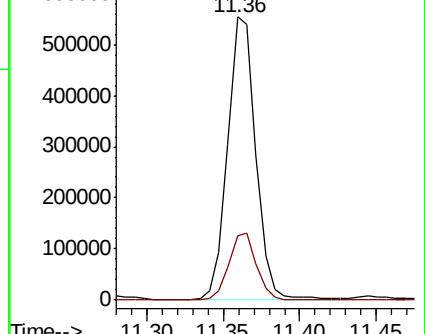
91 100

120 23.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 28.02 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004502.D

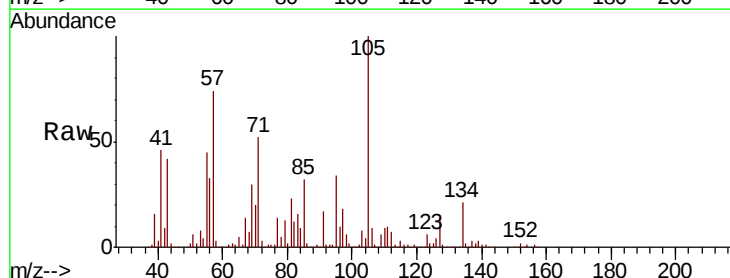
Acq: 12 Sep 2018 18:36

Tgt Ion:105 Resp: 369331

Ion Ratio Lower Upper

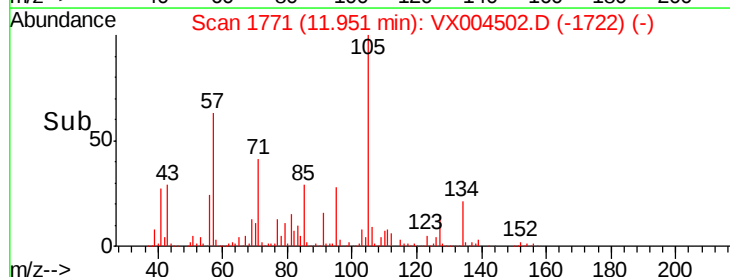
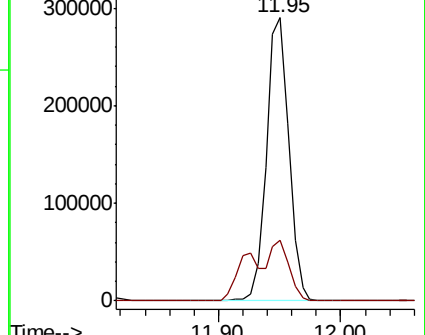
105 100

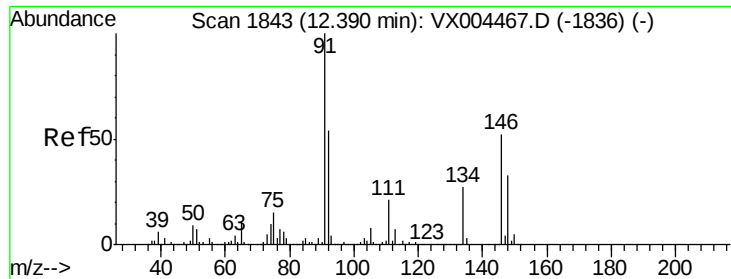
134 17.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#89

n-Butylbenzene

Concen: 23.65 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004502.D

Acq: 12 Sep 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(8-12)DL

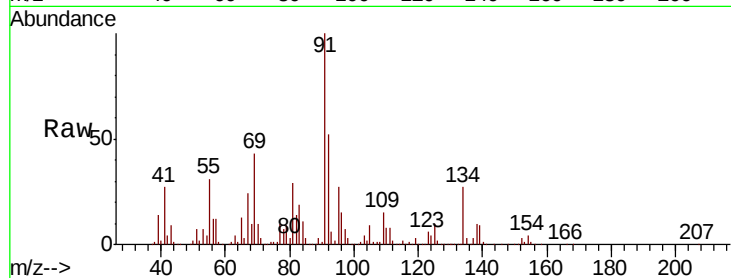
Tot Ion: 91 Resp: 250795

Ion Ratio Lower Upper

91 100

92 47.7 27.3 81.9

134 35.2 13.6 40.7



Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

