

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
 Data File : VX007699.D
 Acq On : 26 Feb 2019 06:54
 Operator : JC/SP
 Sample : K1603-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T2-UV(PRE)

Quant Time: Feb 26 13:53:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

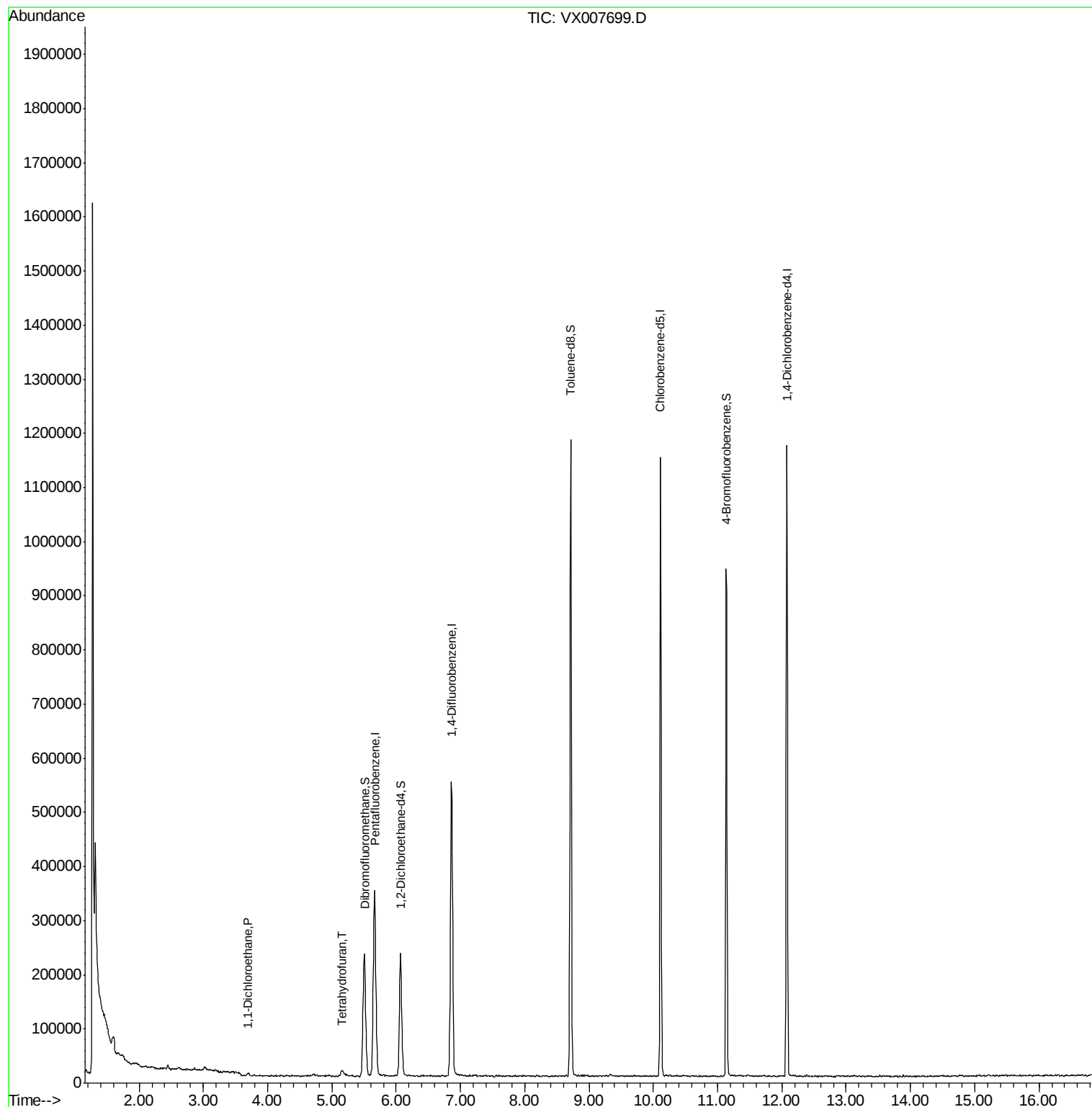
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	342136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	582864	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	545294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	207739	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
35) Dibromofluoromethane	5.51	113	192624	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	8.71	98	699176	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
62) 4-Bromofluorobenzene	11.13	95	247254	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
Target Compounds						
24) 1,1-Dichloroethane	3.70	63	5733	0.916	ug/l #	90
29) Tetrahydrofuran	5.16	42	9651	5.100	ug/l #	90

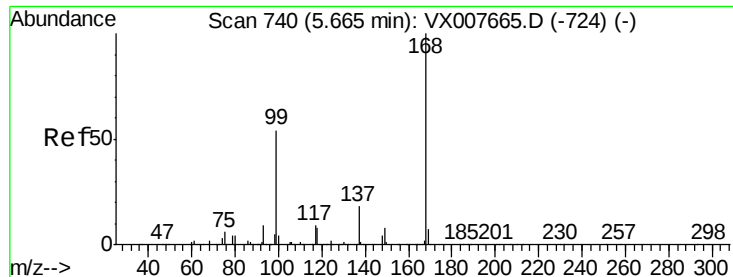
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007699.D

Acq: 26 Feb 2019 06:54

Instrument :

MSVOA_X

ClientSampleId :

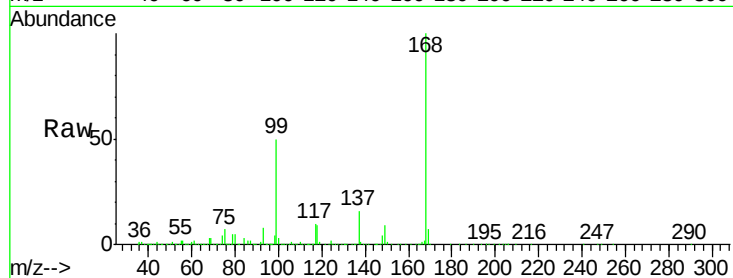
M1-T2-UV(PRE)

Tot Ion:168 Resp: 342136

Ion Ratio Lower Upper

168 100

99 50.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

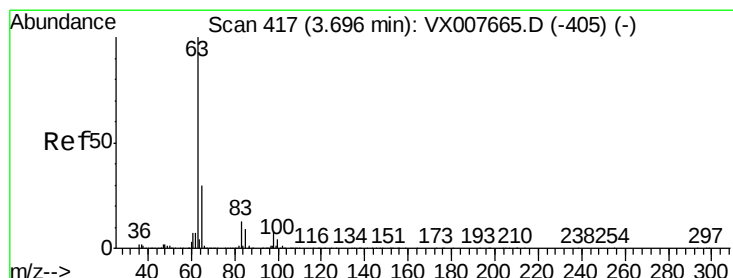
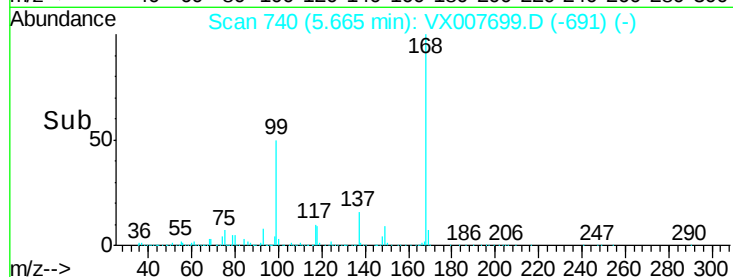
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#24

1,1-Dichloroethane

Concen: 0.916 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007699.D

Acq: 26 Feb 2019 06:54

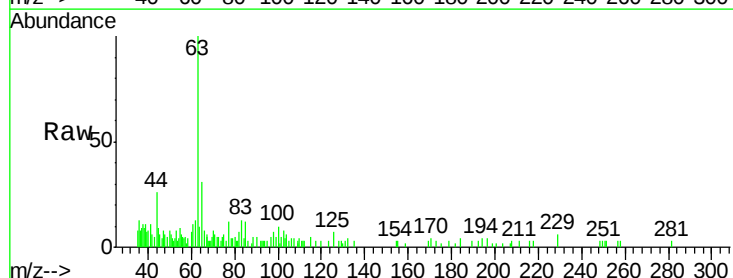
Tgt Ion: 63 Resp: 5733

Ion Ratio Lower Upper

63 100

98 5.1 3.6 10.8

100 10.1 2.5 7.4#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

3000

2500

2000

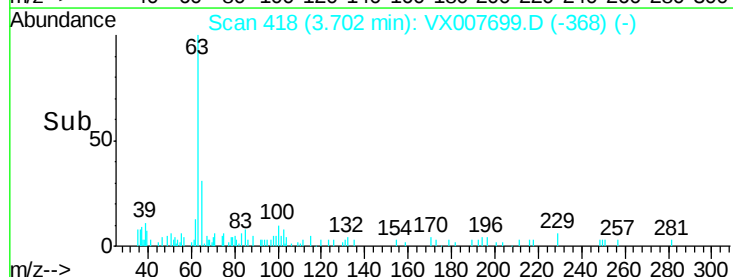
1500

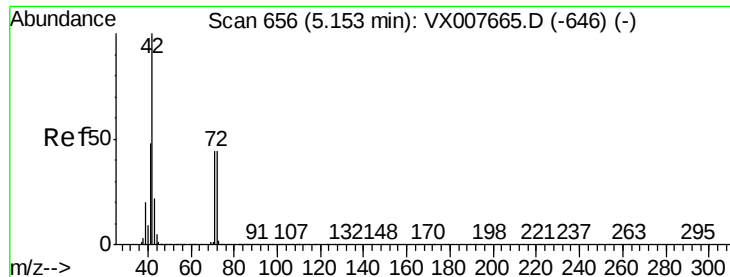
1000

500

0

Time--> 3.60 3.65 3.70 3.75





#29

Tetrahydrofuran

Concen: 5.100 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007699.D

Acq: 26 Feb 2019 06:54

Instrument :

MSVOA_X

ClientSampleId :

M1-T2-UV(PRE)

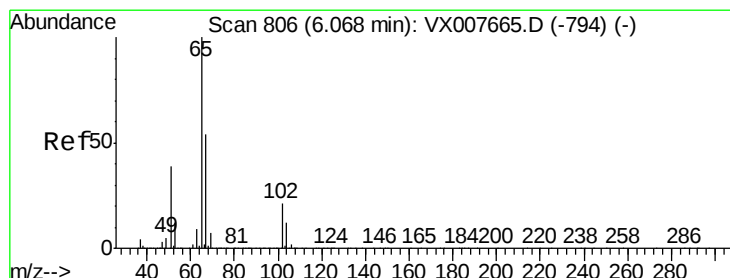
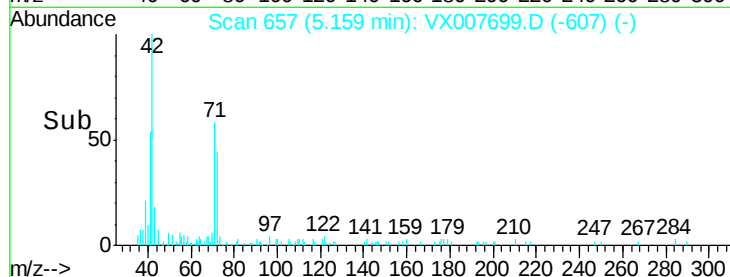
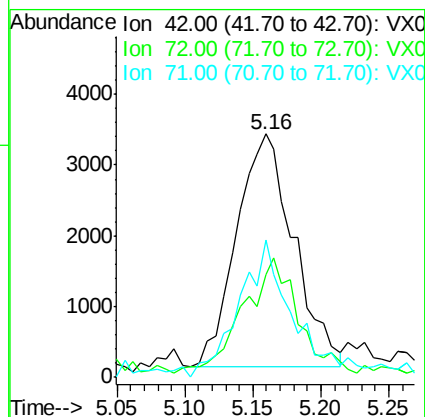
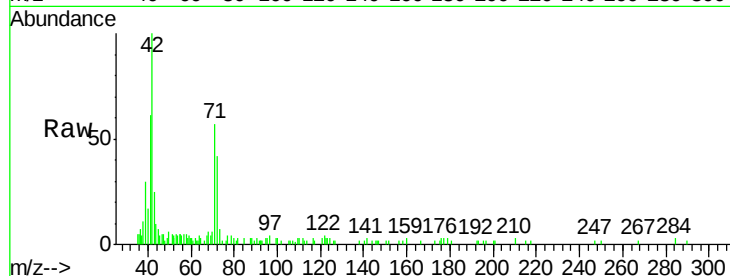
Tot Ion: 42 Resp: 9651

Ion Ratio Lower Upper

42 100

72 48.6 37.6 56.4

71 55.4 34.6 51.8#



#33

1,2-Dichloroethane-d4

Concen: 49.018 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007699.D

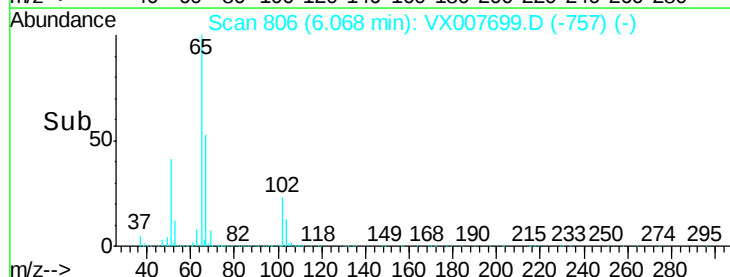
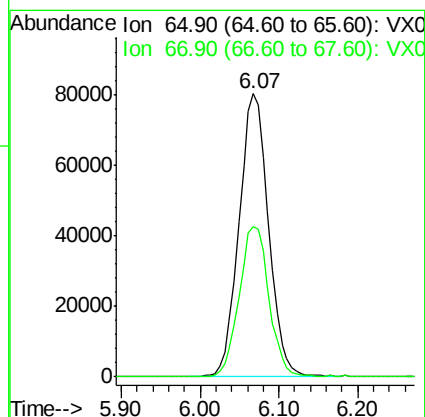
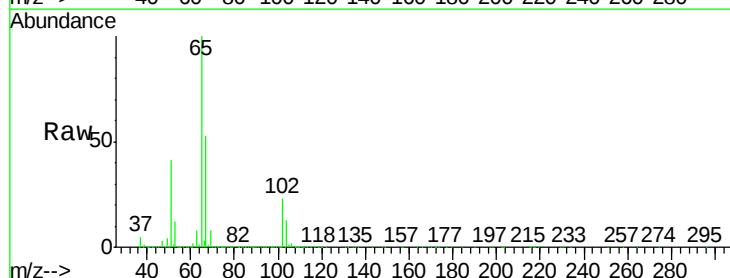
Acq: 26 Feb 2019 06:54

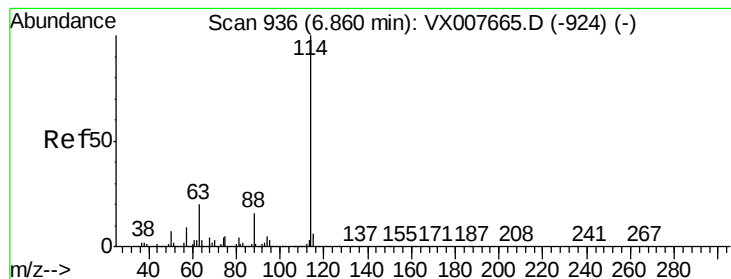
Tgt Ion: 65 Resp: 207739

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007699.D

Acq: 26 Feb 2019 06:54

Instrument :

MSVOA_X

ClientSampleId :

M1-T2-UV(PRE)

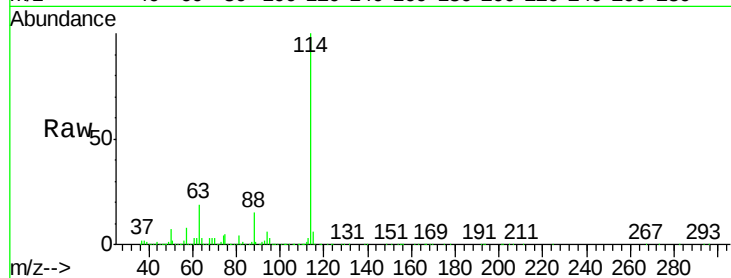
Tot Ion:114 Resp: 582864

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

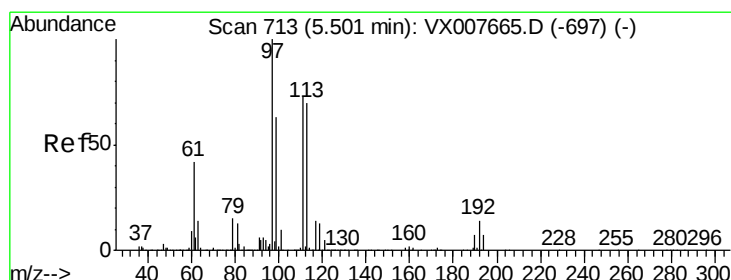
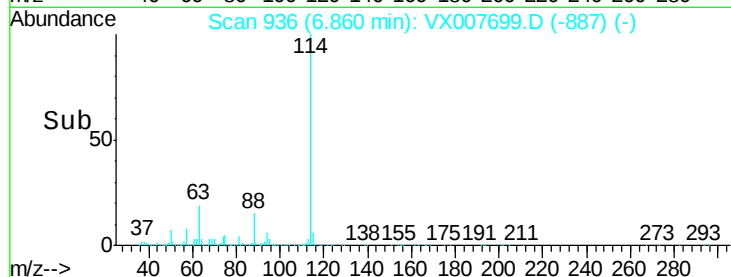
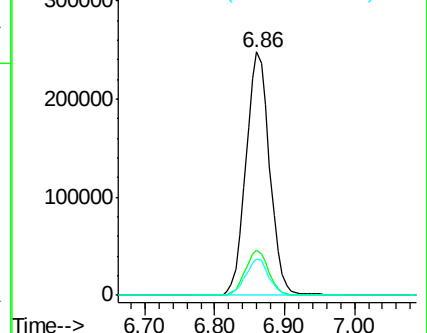
88 14.9 0.0 29.6



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: 49.438 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007699.D

Acq: 26 Feb 2019 06:54

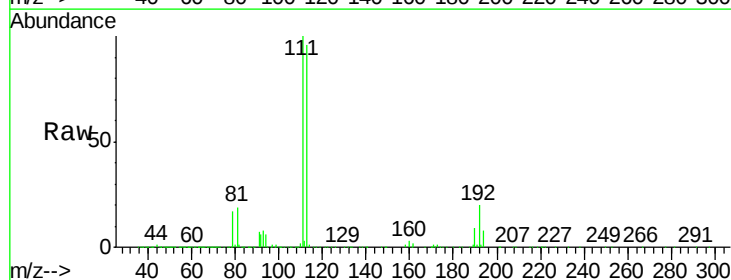
Tgt Ion:113 Resp: 192624

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

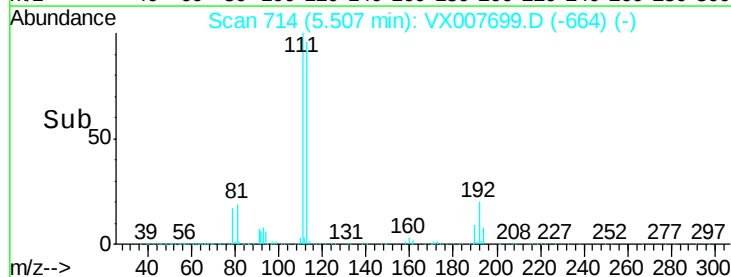
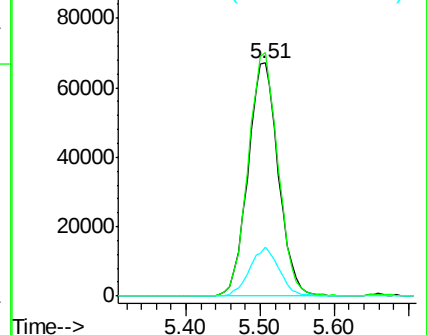
192 20.5 18.5 27.7

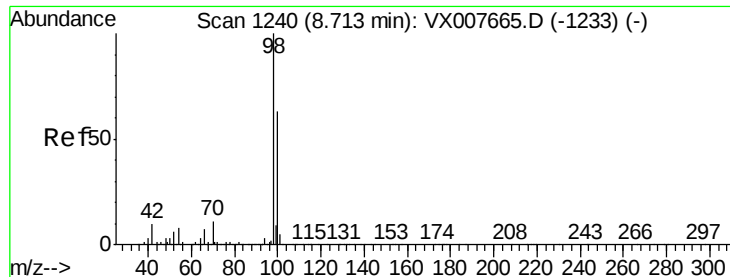


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.873 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007699.D

Acq: 26 Feb 2019 06:54

Instrument :

MSVOA_X

ClientSampleId :

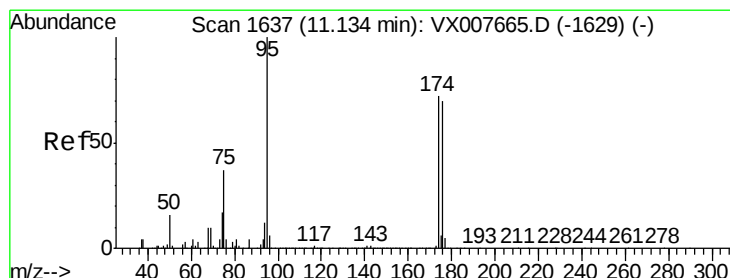
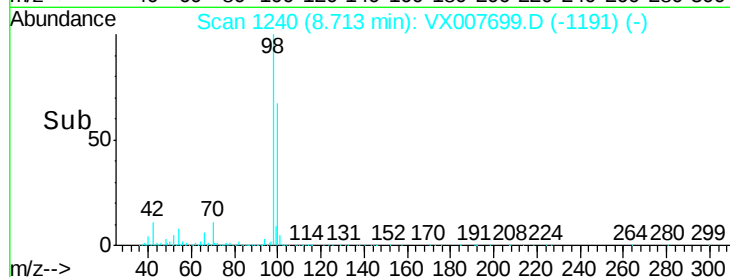
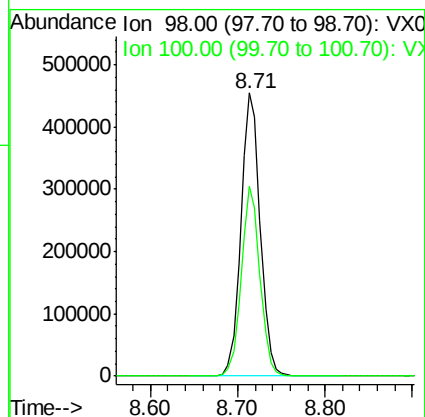
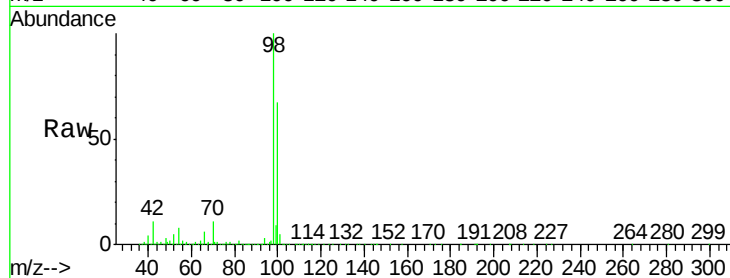
M1-T2-UV(PRE)

Tot Ion: 98 Resp: 699176

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 45.162 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007699.D

Acq: 26 Feb 2019 06:54

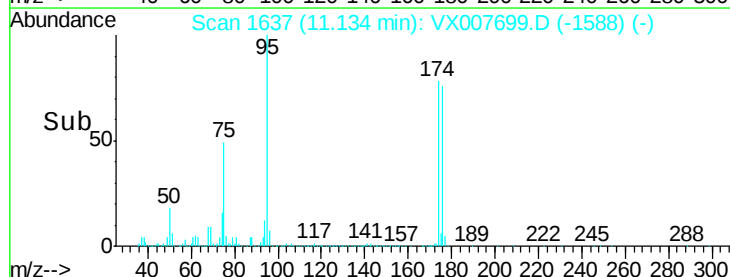
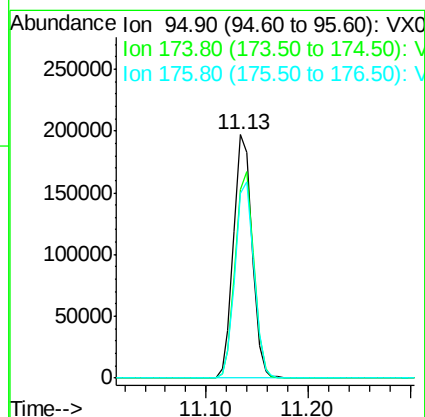
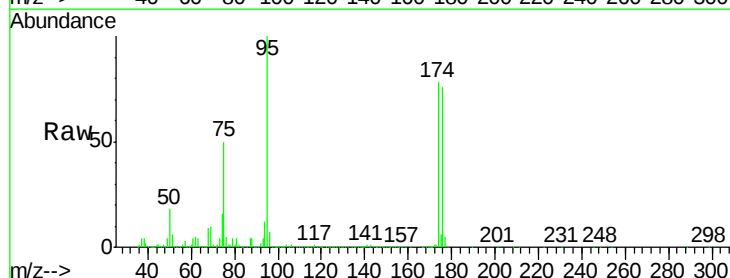
Tgt Ion: 95 Resp: 247254

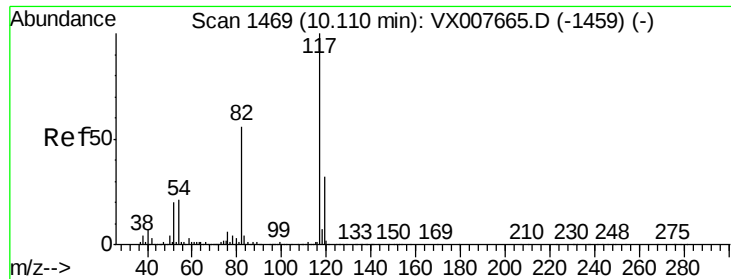
Ion Ratio Lower Upper

95 100

174 85.2 0.0 189.2

176 81.6 0.0 186.2

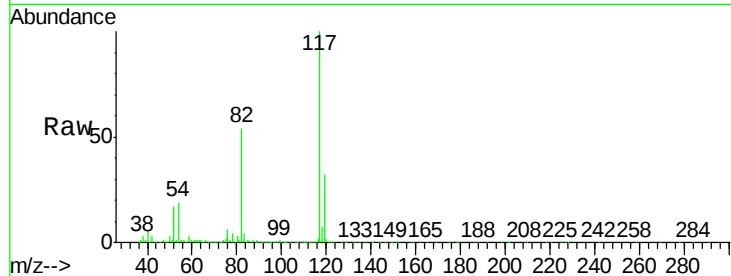




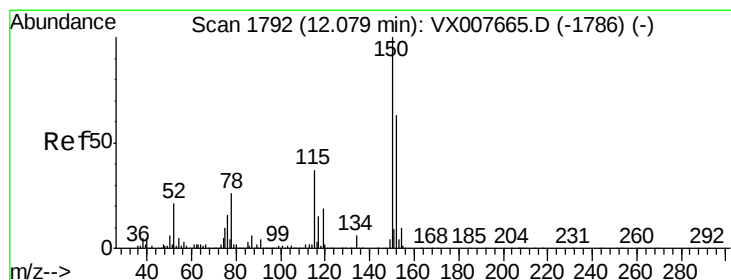
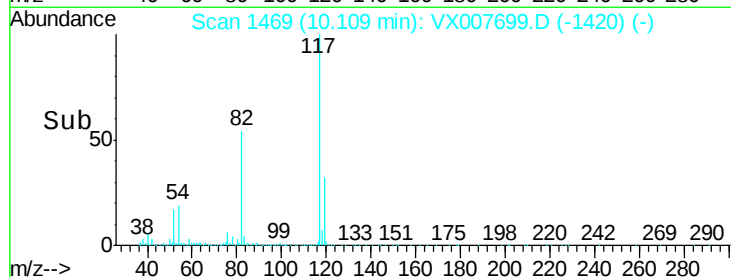
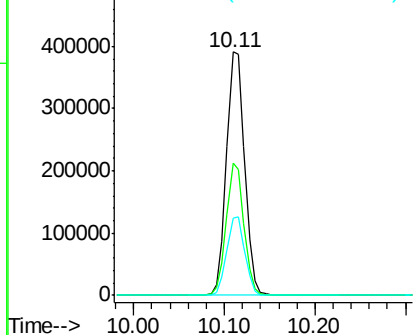
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007699.D
Acq: 26 Feb 2019 06:54

Instrument :
MSVOA_X
ClientSampleId :
M1-T2-UV(PRE)

Tot Ion:117 Resp: 545294
Ion Ratio Lower Upper
117 100
82 54.4 42.1 63.1
119 31.8 26.5 39.7

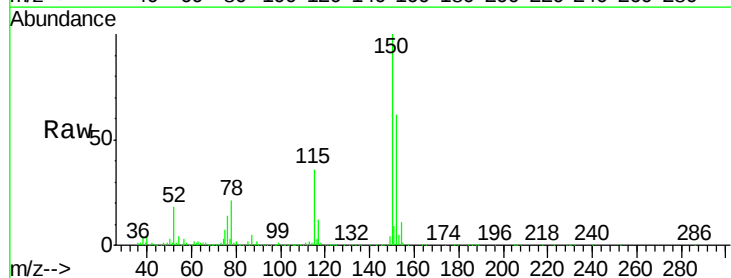


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007699.D
Acq: 26 Feb 2019 06:54

Tgt Ion:152 Resp: 249102
Ion Ratio Lower Upper
152 100
115 57.4 38.0 114.0
150 158.3 0.0 346.4



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

