

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007846.D
 Acq On : 05 Mar 2019 19:14
 Operator : JC/SP
 Sample : K1659-13RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M2-T5-UV(POSTHYPO)RE

Quant Time: Mar 06 01:09:13 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	5.61	168	75274	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	6.83	114	38917	50.00	ug/l	-0.03
63) Chlorobenzene-d5	10.11	117	148809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131151	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	2876	3.08	ug/l	-0.03
Spiked Amount			Recovery	=	6.16%	
35) Dibromofluoromethane	5.45	113	2138	8.22	ug/l	-0.05
Spiked Amount			Recovery	=	16.44%	
50) Toluene-d8	8.70	98	160057	160.71	ug/l	-0.01
Spiked Amount			Recovery	=	321.42%	
62) 4-Bromofluorobenzene	11.13	95	102301	279.86	ug/l	0.00
Spiked Amount			Recovery	=	559.72%	

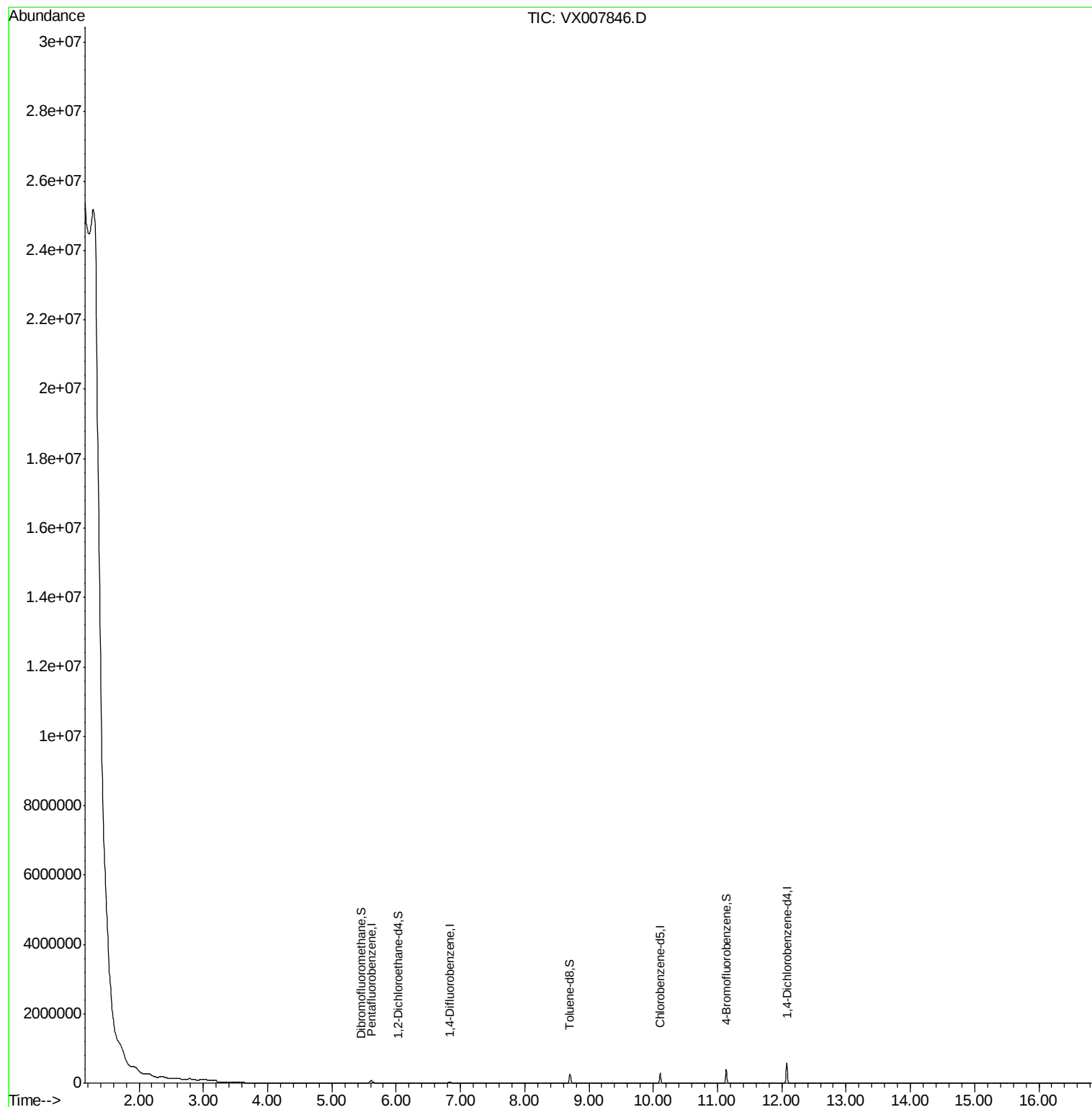
Target Compounds	Qvalue
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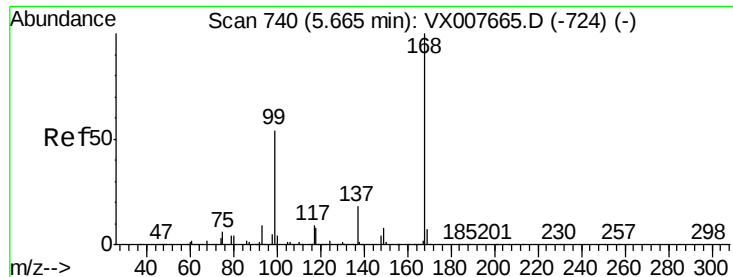
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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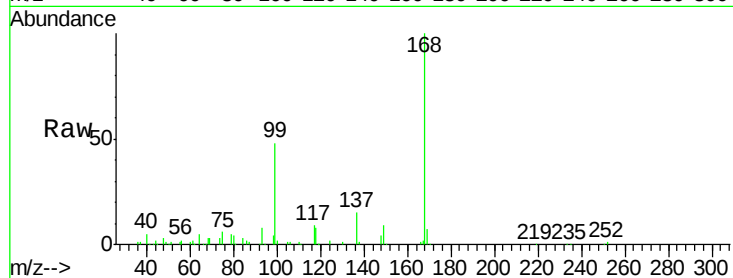


#1

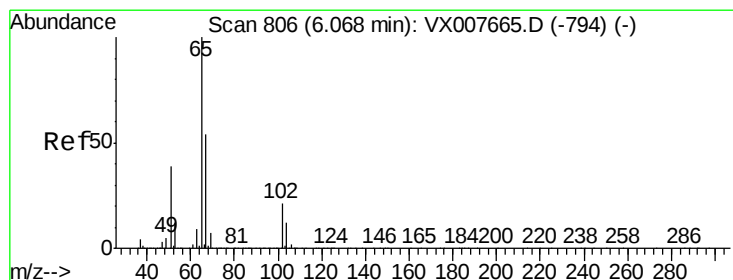
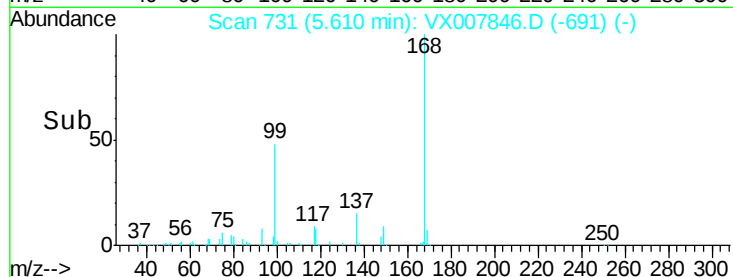
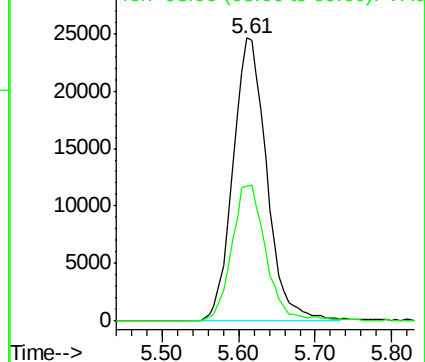
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 731
 Delta R.T. -0.05 min
 Lab File: VX007846.D
 Acq: 05 Mar 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 M2-T5-UV(POSTHYPO)RE

Tot Ion:168 Resp: 75274
 Ion Ratio Lower Upper
 168 100
 99 47.6 37.9 56.9



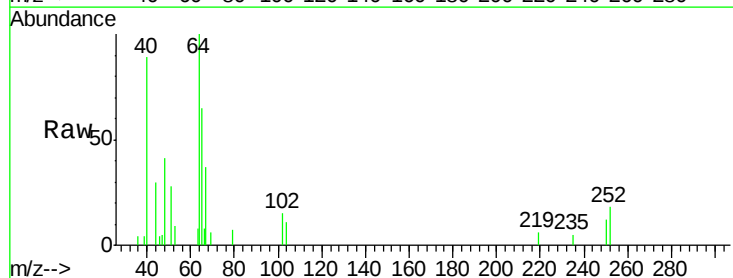
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



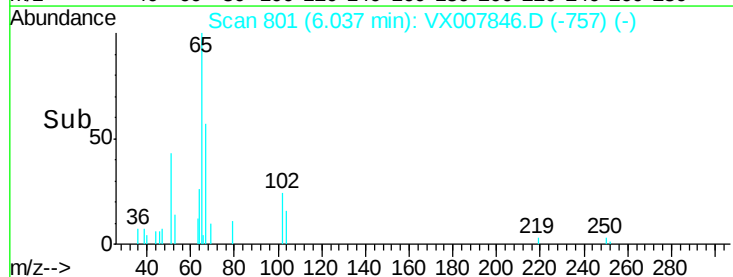
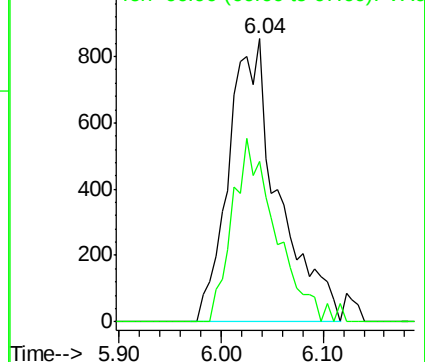
#33

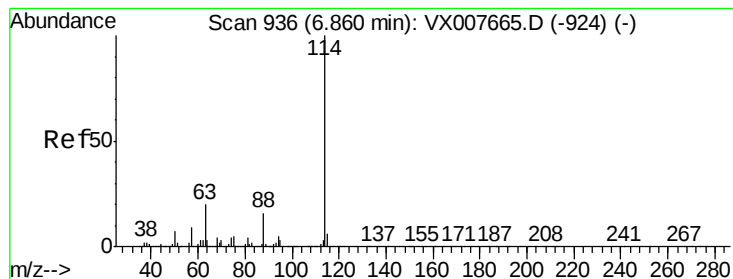
1,2-Dichloroethane-d4
 Concen: 3.084 ug/l
 RT: 6.04 min Scan# 801
 Delta R.T. -0.03 min
 Lab File: VX007846.D
 Acq: 05 Mar 2019 19:14

Tgt Ion: 65 Resp: 2876
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 108.8



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: 6.83 min Scan# 931

Delta R.T. -0.03 min

Lab File: VX007846.D

Acq: 05 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

M2-T5-UV(POSTHYPO)RE

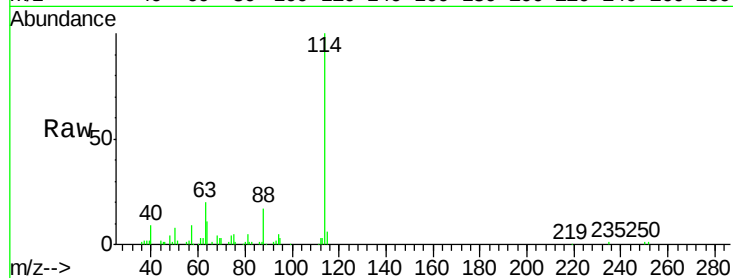
Tot Ion:114 Resp: 38917

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.6

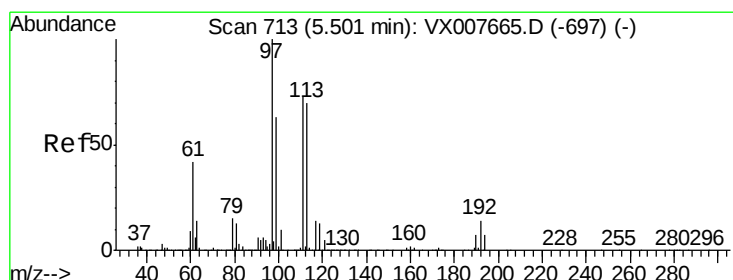
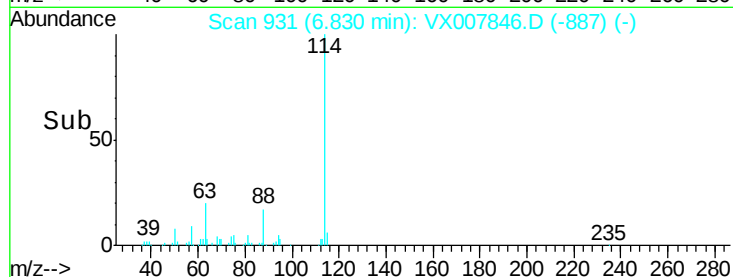
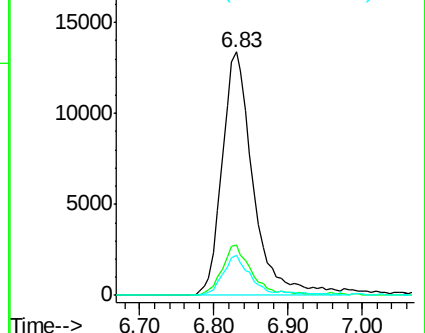
88 16.5 0.0 29.6



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: 8.218 ug/l

RT: 5.45 min Scan# 705

Delta R.T. -0.05 min

Lab File: VX007846.D

Acq: 05 Mar 2019 19:14

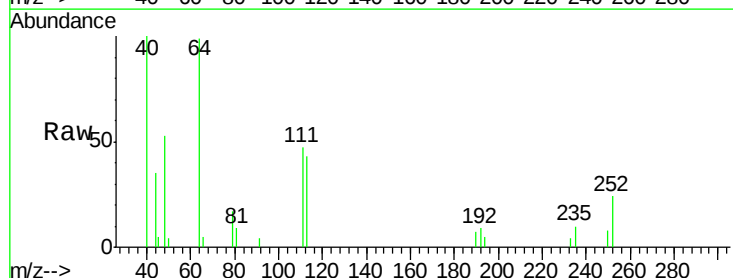
Tgt Ion:113 Resp: 2138

Ion Ratio Lower Upper

113 100

111 98.2 81.8 122.8

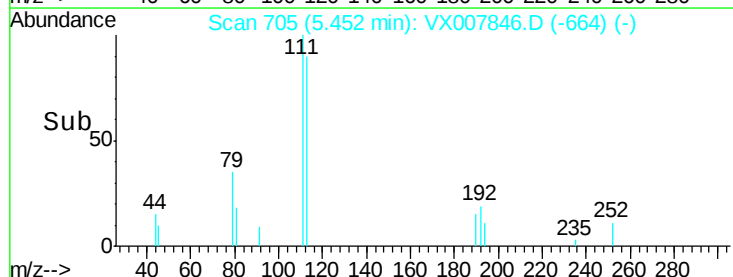
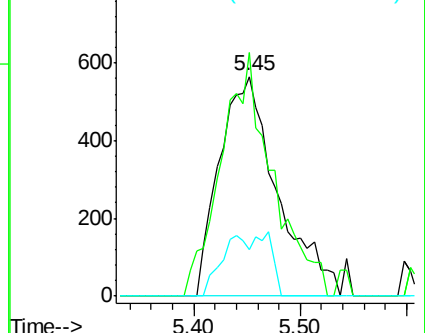
192 13.5 18.5 27.7#

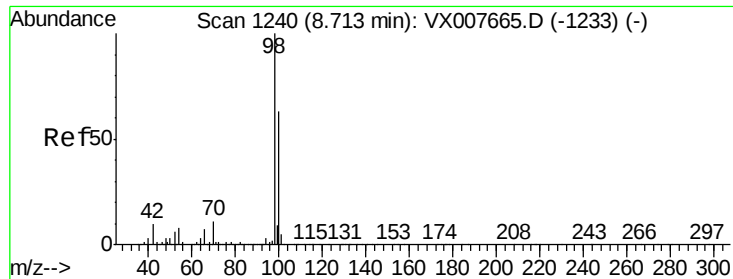


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 160.709 ug/l

RT: 8.70 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VX007846.D

Acq: 05 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

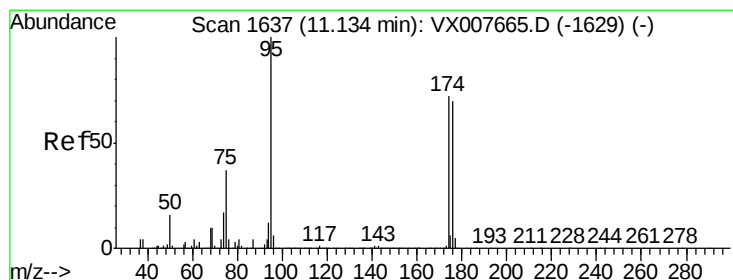
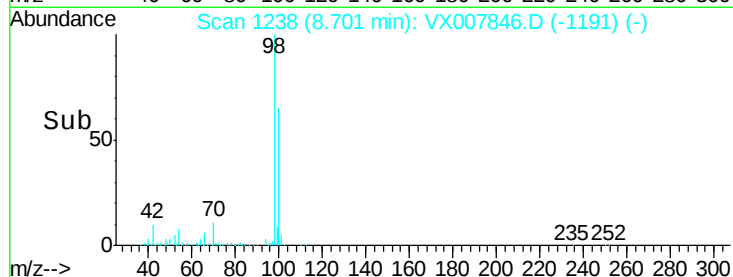
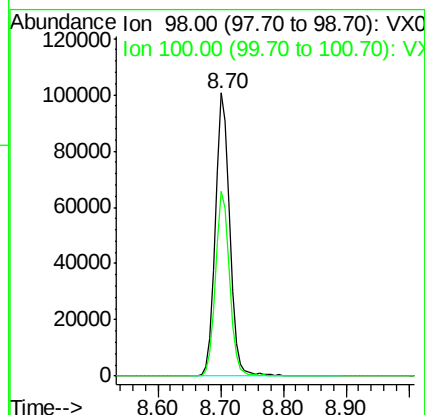
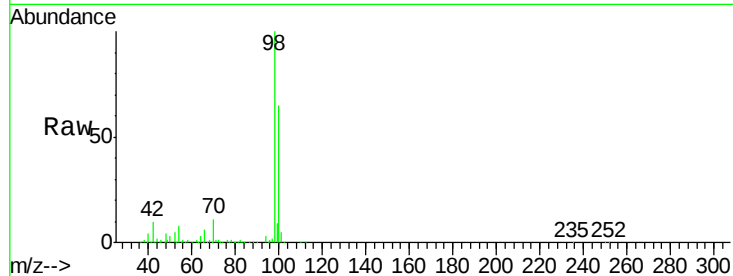
M2-T5-UV(POSTHYPO)RE

Tot Ion: 98 Resp: 160057

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 279.857 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007846.D

Acq: 05 Mar 2019 19:14

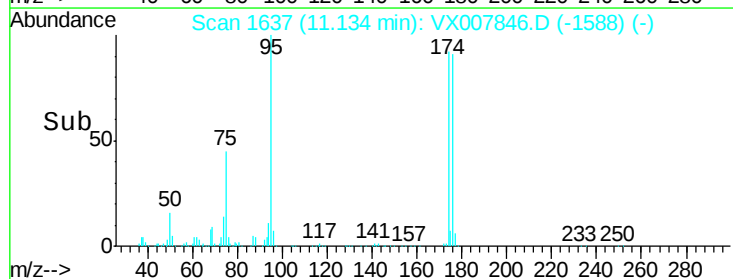
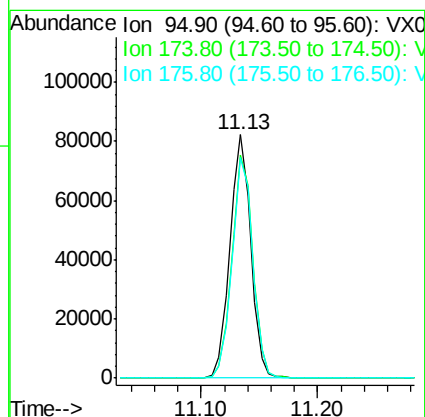
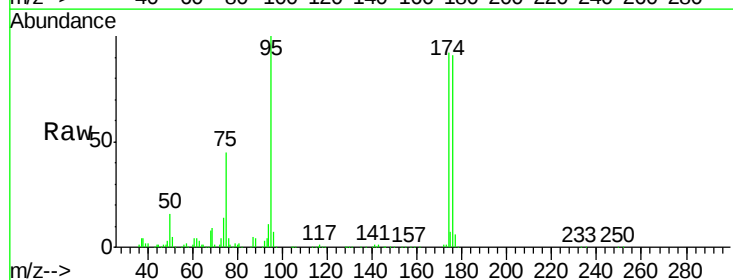
Tgt Ion: 95 Resp: 102301

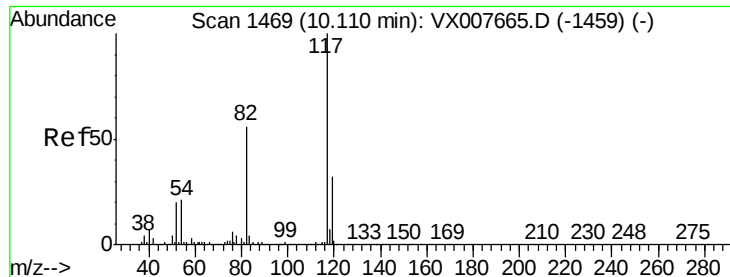
Ion Ratio Lower Upper

95 100

174 92.3 0.0 189.2

176 90.7 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: VX007846.D

Acq: 05 Mar 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

M2-T5-UV(POSTHYPO)RE

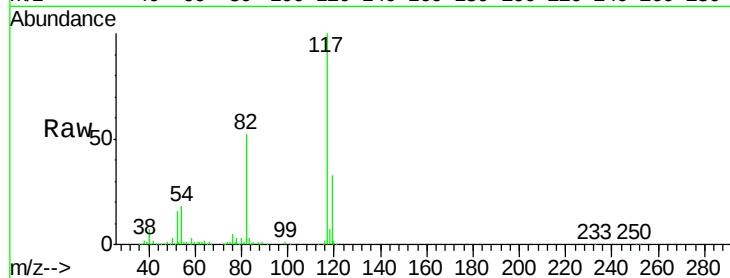
Tot Ion:117 Resp: 148809

Ion Ratio Lower Upper

117 100

82 51.6 42.1 63.1

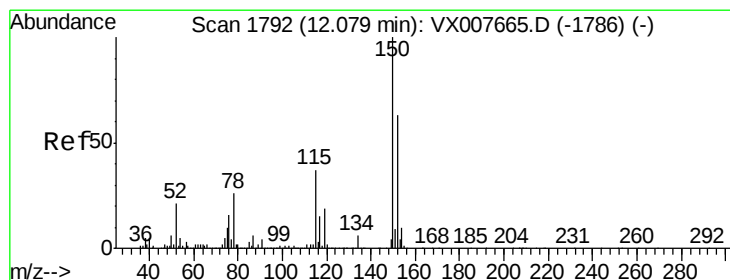
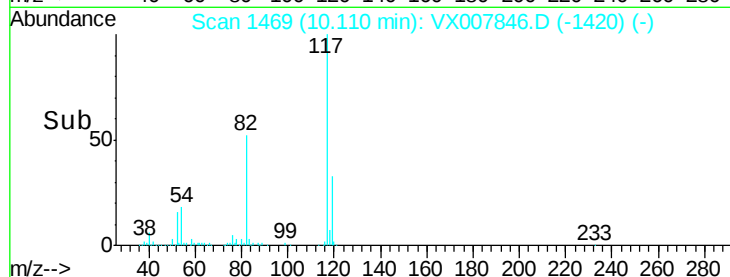
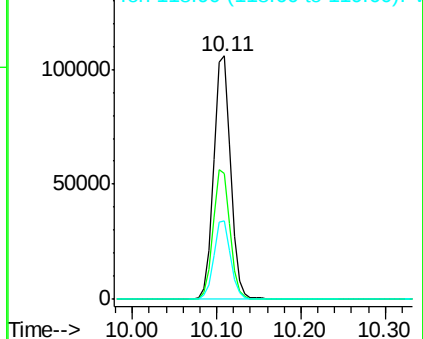
119 32.5 26.5 39.7



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: VX007846.D

Acq: 05 Mar 2019 19:14

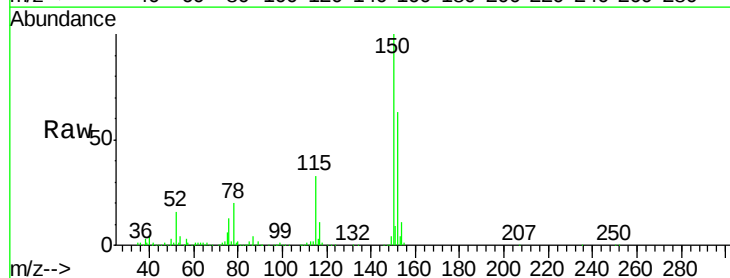
Tgt Ion:152 Resp: 131151

Ion Ratio Lower Upper

152 100

115 54.6 38.0 114.0

150 156.4 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

