

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007834.D
 Acq On : 05 Mar 2019 13:55
 Operator : JC/SP
 Sample : K1659-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T4B-UV(PRE)

Quant Time: Mar 06 12:33:05 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

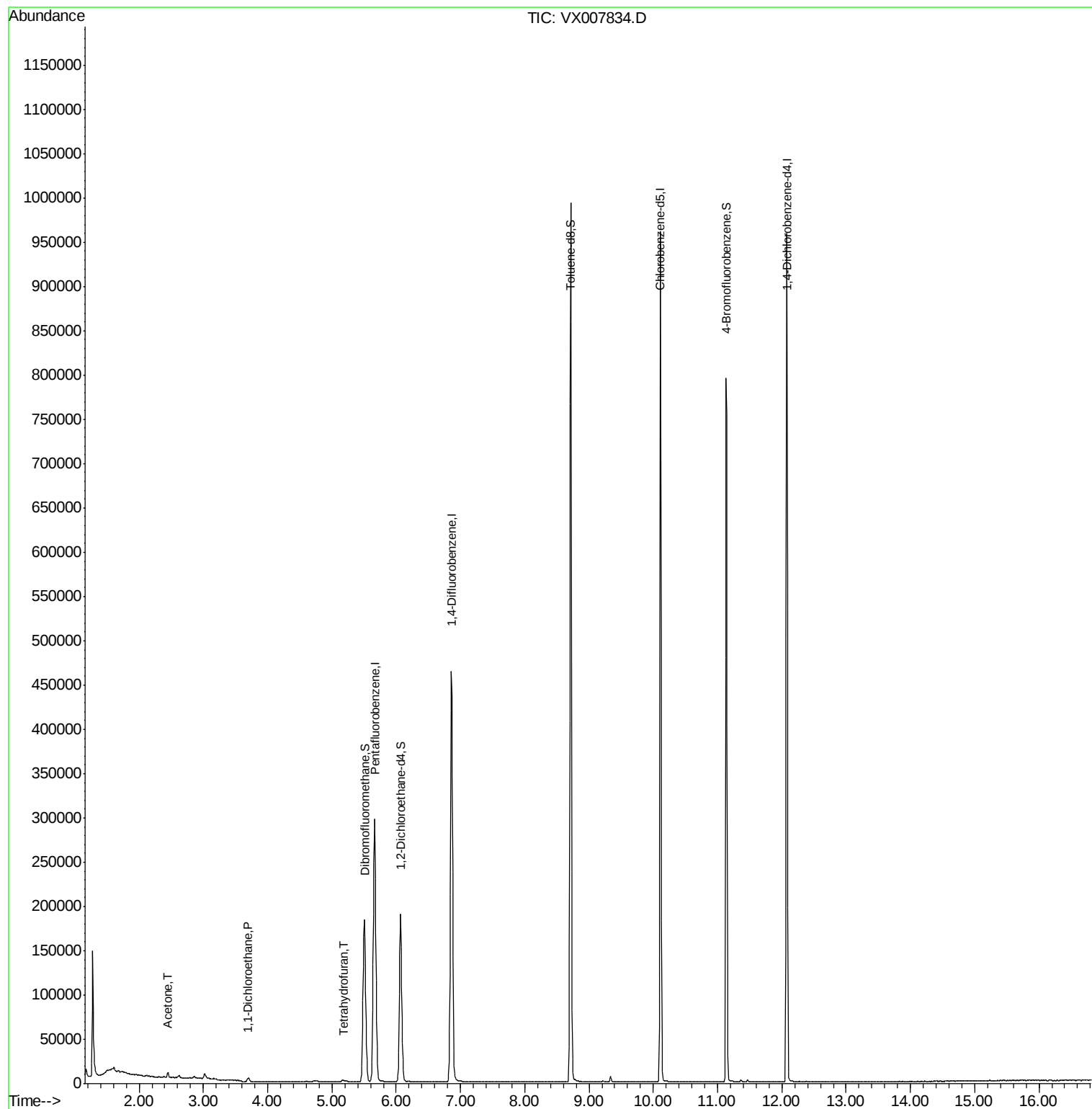
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	481876	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	454205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174007	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
35) Dibromofluoromethane	5.50	113	157627	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
50) Toluene-d8	8.71	98	585601	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
62) 4-Bromofluorobenzene	11.13	95	212106	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
Target Compounds						
16) Acetone	2.45	43	5832	3.397	ug/l	94
24) 1,1-Dichloroethane	3.70	63	4855	0.851	ug/l	99
29) Tetrahydrofuran	5.17	42	1731	1.004	ug/l #	85

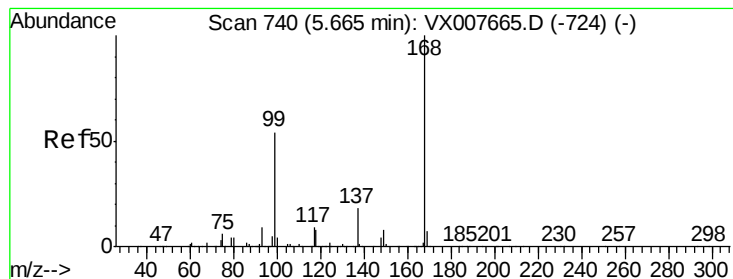
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007834.D

Acq: 05 Mar 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

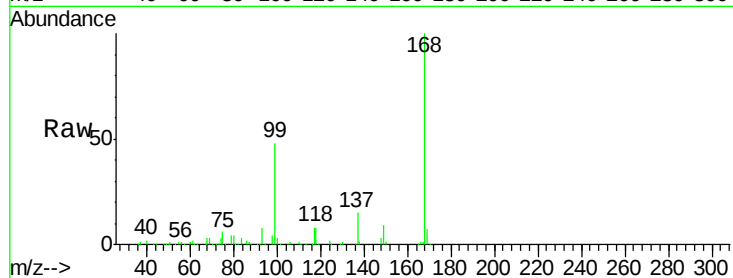
M1-T4B-UV(PRE)

Tot Ion:168 Resp: 311639

Ion Ratio Lower Upper

168 100

99 47.7 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

120000

100000

80000

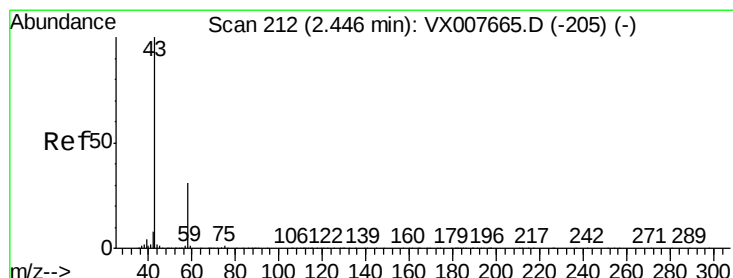
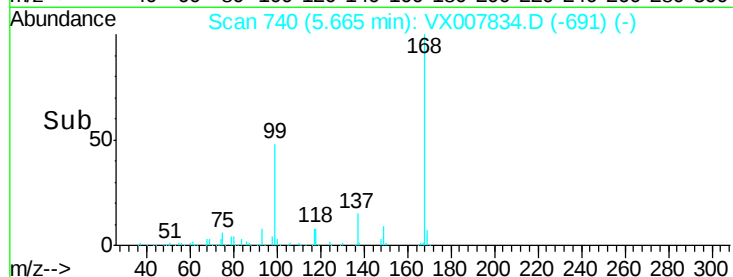
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.397 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007834.D

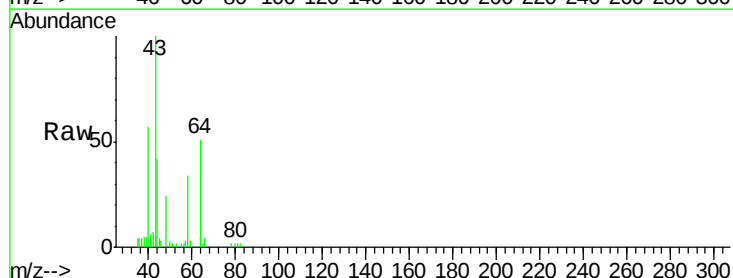
Acq: 05 Mar 2019 13:55

Tgt Ion: 43 Resp: 5832

Ion Ratio Lower Upper

43 100

58 34.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

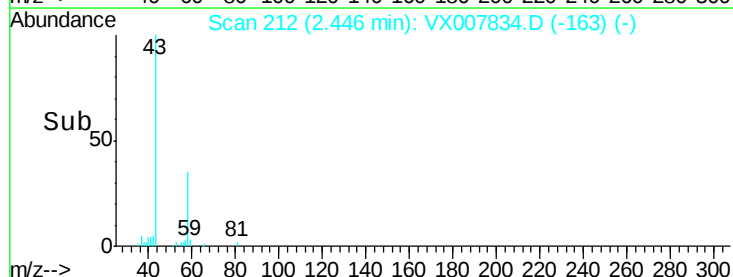
3000

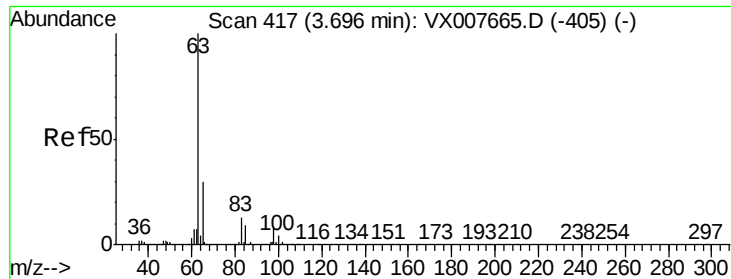
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#24

1,1-Dichloroethane

Concen: 0.851 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007834.D

Acq: 05 Mar 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

M1-T4B-UV(PRE)

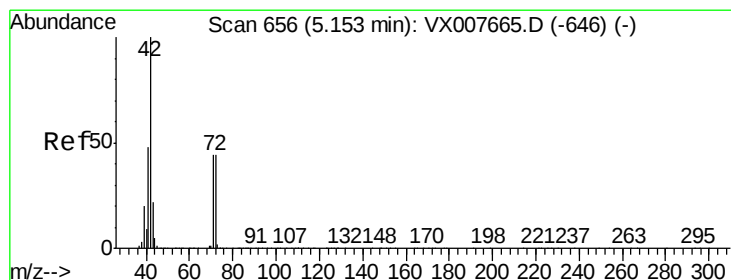
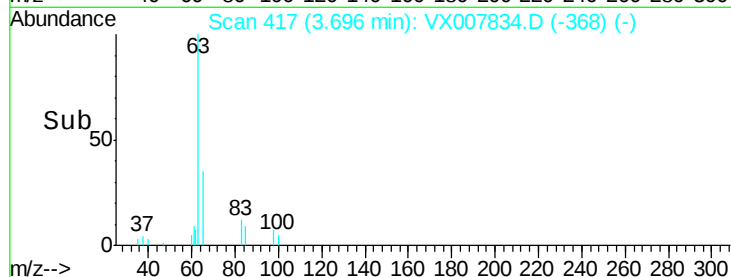
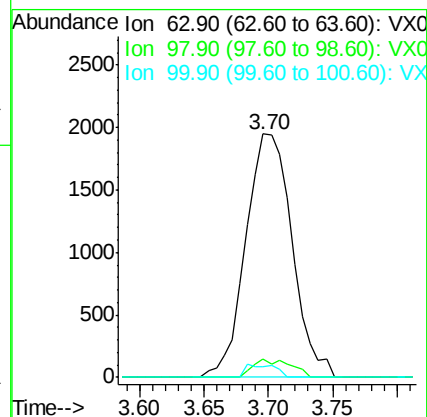
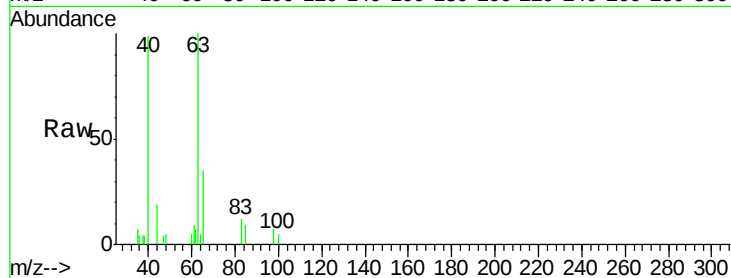
Tot Ion: 63 Resp: 4855

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.5 2.5 7.4



#29

Tetrahydrofuran

Concen: 1.004 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX007834.D

Acq: 05 Mar 2019 13:55

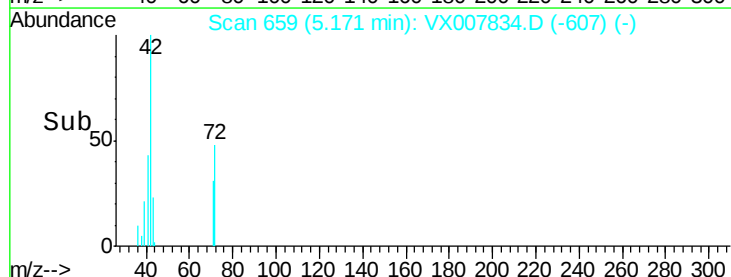
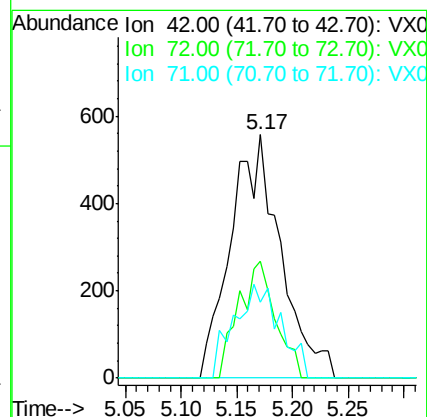
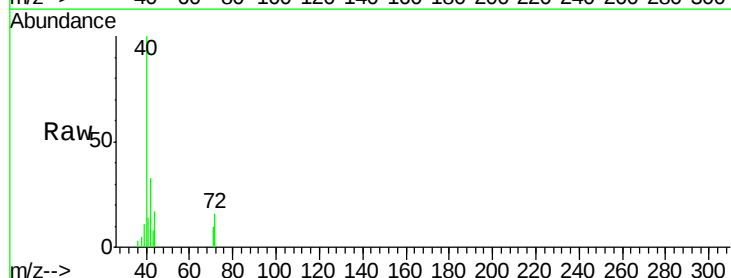
Tgt Ion: 42 Resp: 1731

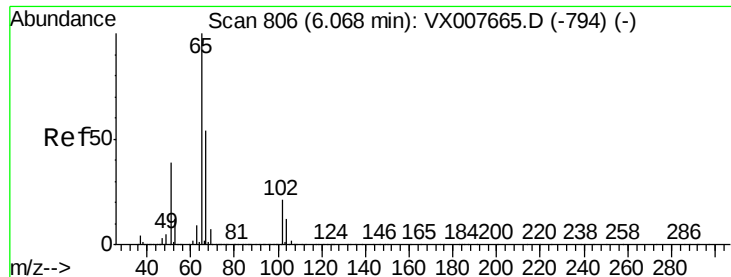
Ion Ratio Lower Upper

42 100

72 35.2 37.6 56.4#

71 35.8 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 45.077 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007834.D

Acq: 05 Mar 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

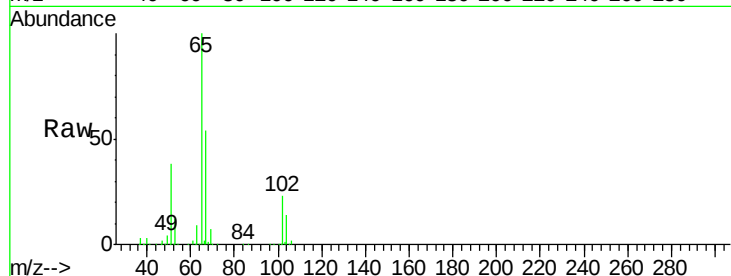
M1-T4B-UV(PRE)

Tot Ion: 65 Resp: 174007

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

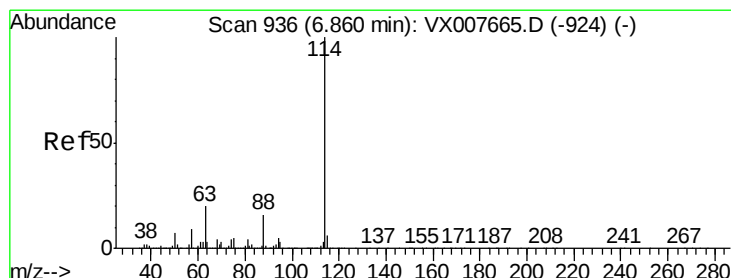
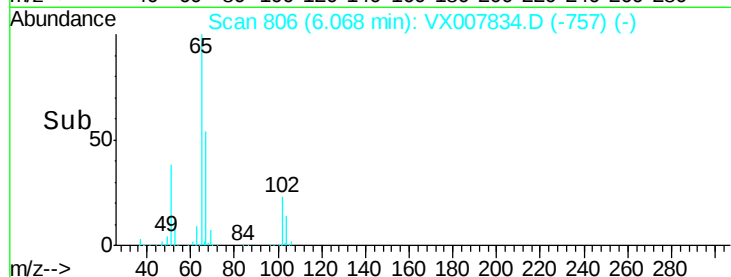
60000

40000

20000

0

Time--> 5.90 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: VX007834.D

Acq: 05 Mar 2019 13:55

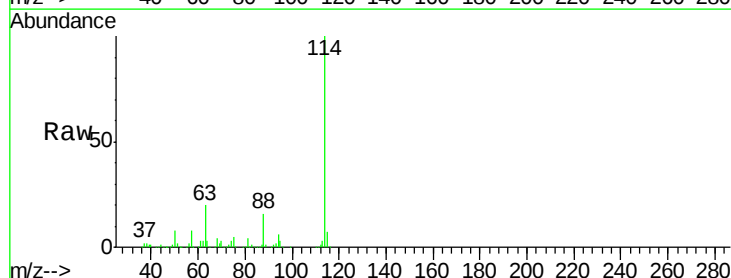
Tgt Ion: 114 Resp: 481876

Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.6

88 15.6 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

6.86

250000

200000

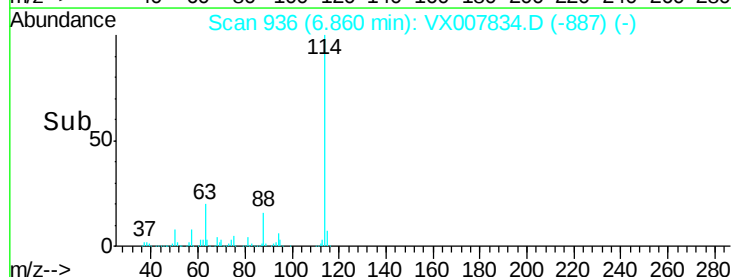
150000

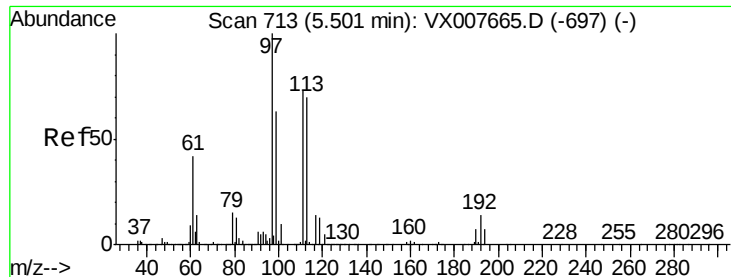
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 48.934 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007834.D

Acq: 05 Mar 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

M1-T4B-UV(PRE)

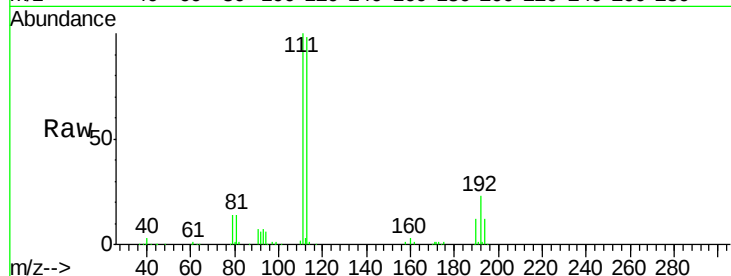
Tot Ion:113 Resp: 157627

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

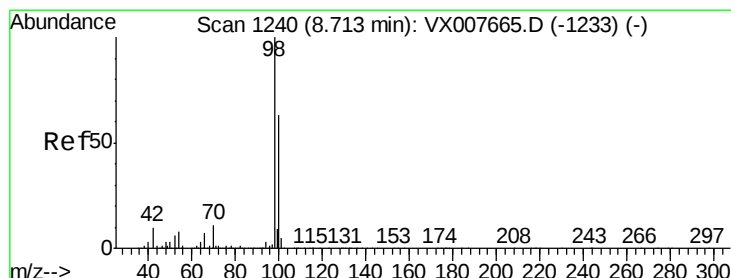
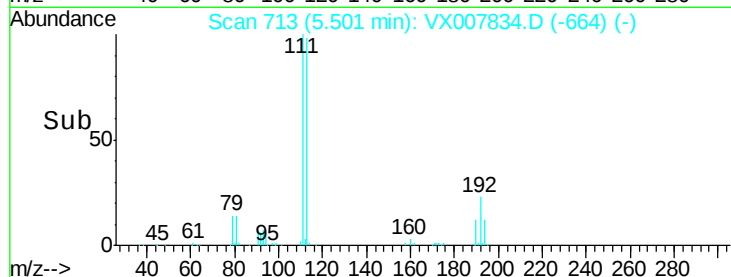
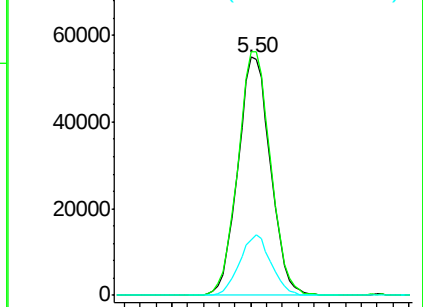
192 24.6 18.5 27.7



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: 47.487 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007834.D

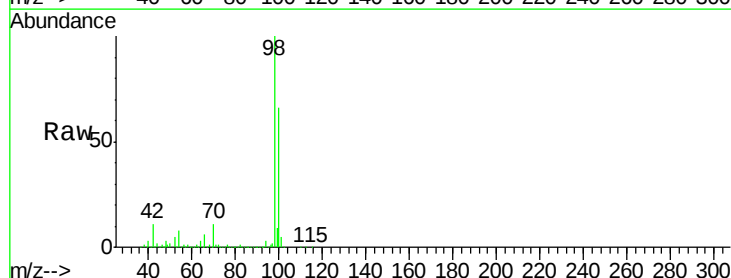
Acq: 05 Mar 2019 13:55

Tgt Ion: 98 Resp: 585601

Ion Ratio Lower Upper

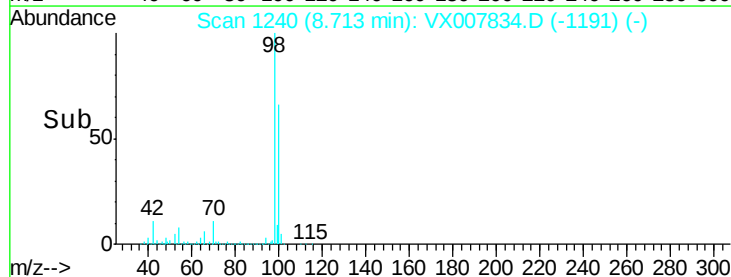
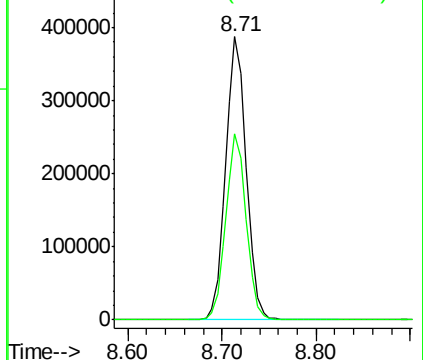
98 100

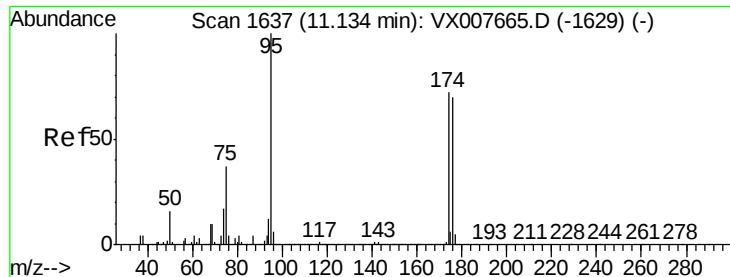
100 65.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.861 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007834.D

Acq: 05 Mar 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

M1-T4B-UV(PRE)

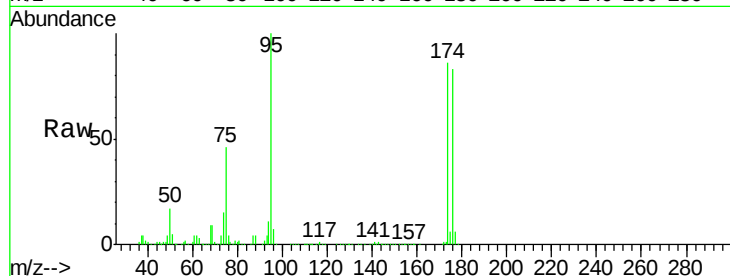
Tot Ion: 95 Resp: 212106

Ion Ratio Lower Upper

95 100

174 92.2 0.0 189.2

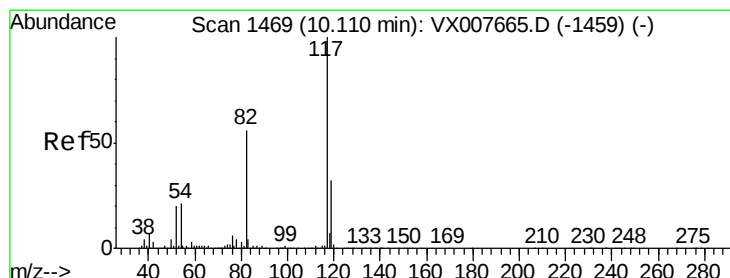
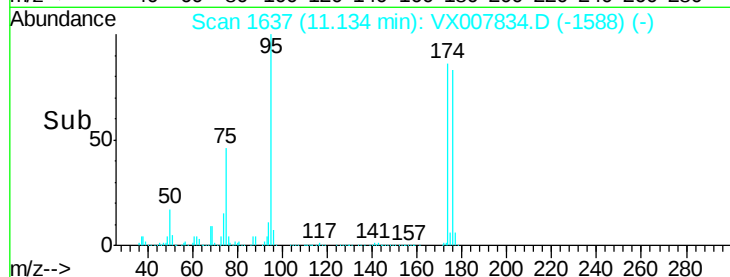
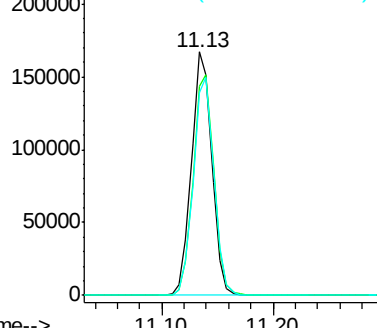
176 90.2 0.0 186.2



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007834.D

Acq: 05 Mar 2019 13:55

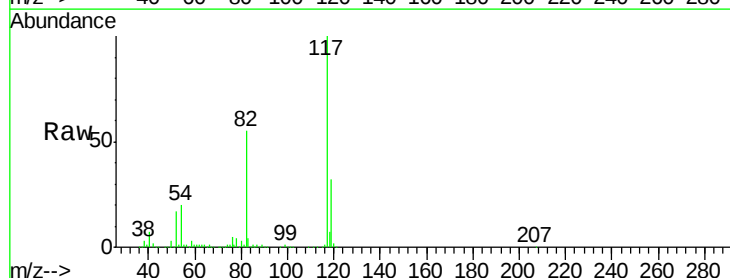
Tgt Ion: 117 Resp: 454205

Ion Ratio Lower Upper

117 100

82 55.2 42.1 63.1

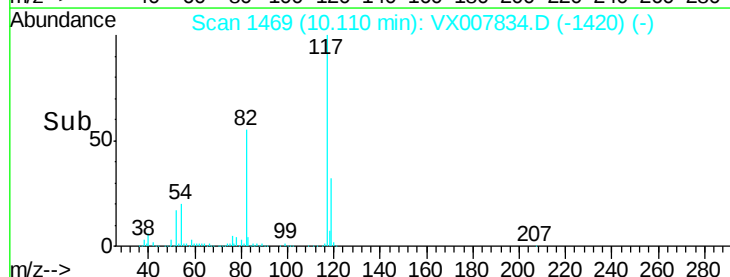
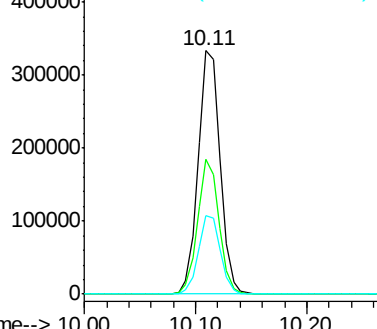
119 32.1 26.5 39.7

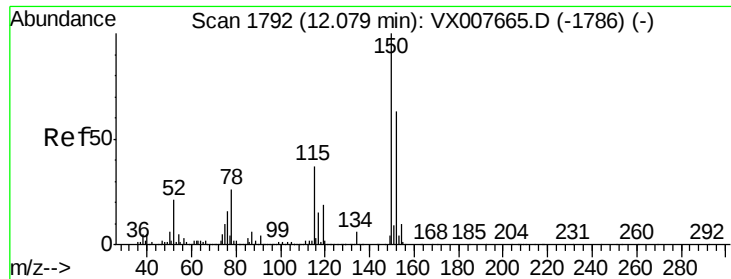


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007834.D

Acq: 05 Mar 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

M1-T4B-UV(PRE)

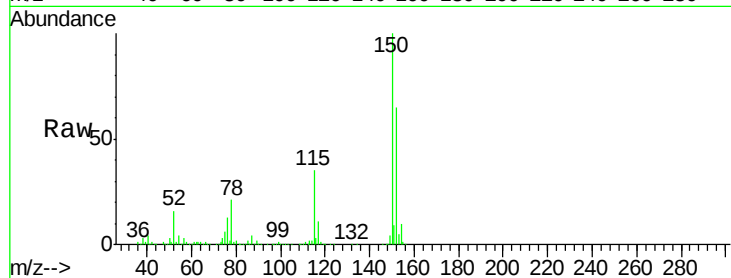
Tot Ion:152 Resp: 217114

Ion Ratio Lower Upper

152 100

115 55.3 38.0 114.0

150 157.3 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

