

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007833.D
 Acq On : 05 Mar 2019 13:28
 Operator : JC/SP
 Sample : K1659-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T4A-UV(PRE)

Quant Time: Mar 06 12:32:40 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

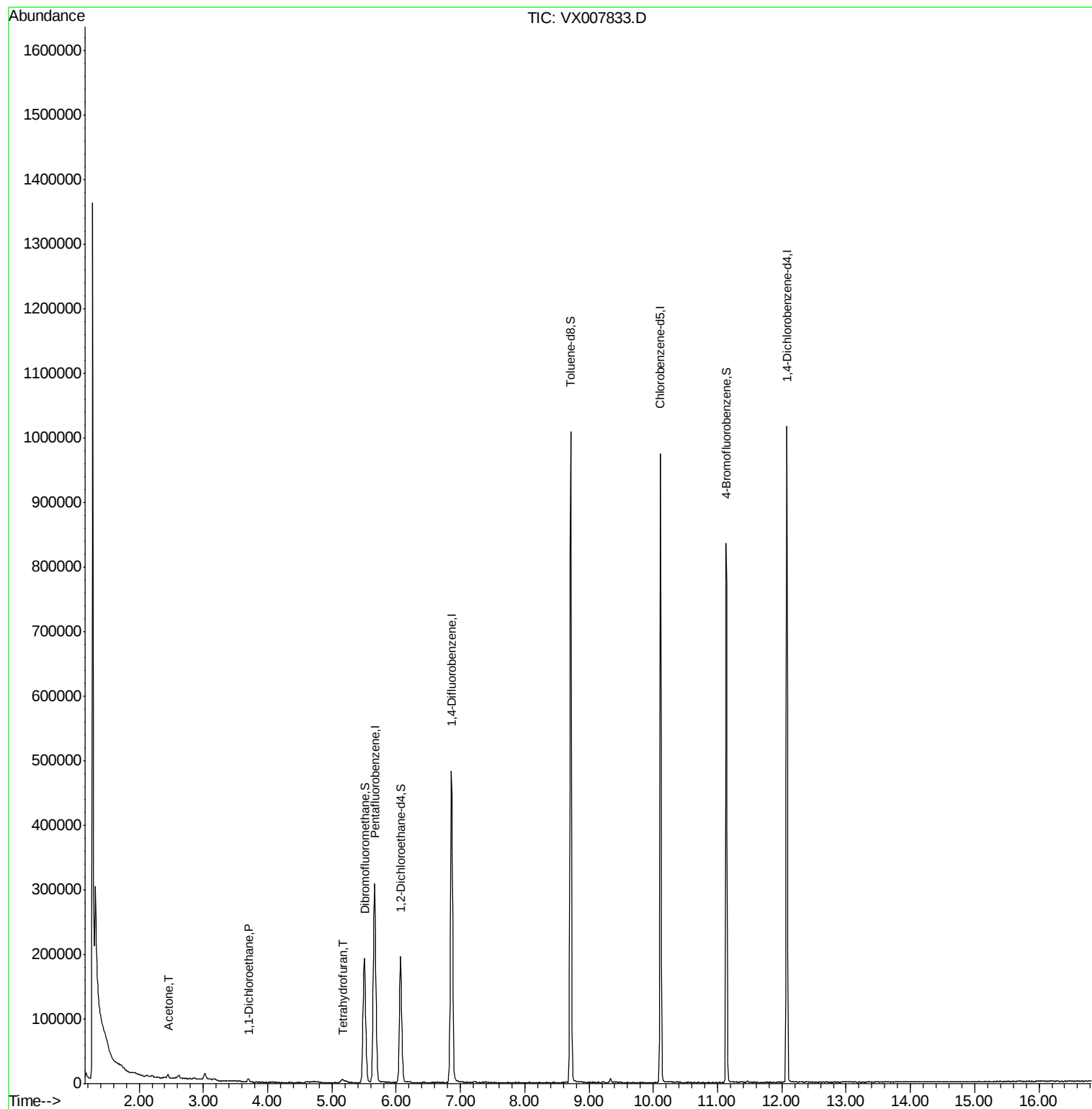
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	322555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	501020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	469095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177674	44.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.94%	
35) Dibromofluoromethane	5.51	113	165209	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	8.71	98	604471	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
62) 4-Bromofluorobenzene	11.13	95	219832	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
Target Compounds						
16) Acetone	2.45	43	6517	3.668	ug/l	99
24) 1,1-Dichloroethane	3.70	63	5274	0.894	ug/l	97
29) Tetrahydrofuran	5.17	42	4641	2.601	ug/l	90

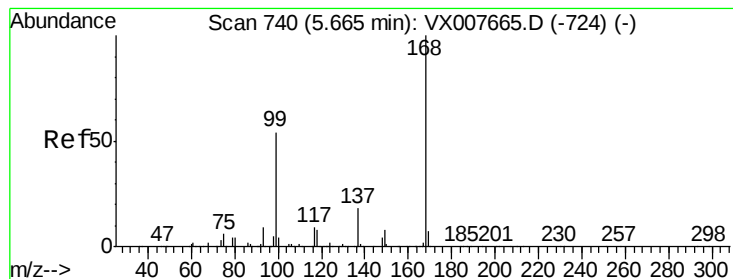
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007833.D

Acq: 05 Mar 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

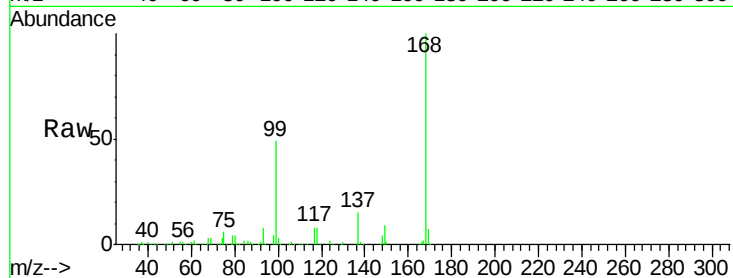
M1-T4A-UV(PRE)

Tot Ion:168 Resp: 322555

Ion Ratio Lower Upper

168 100

99 48.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

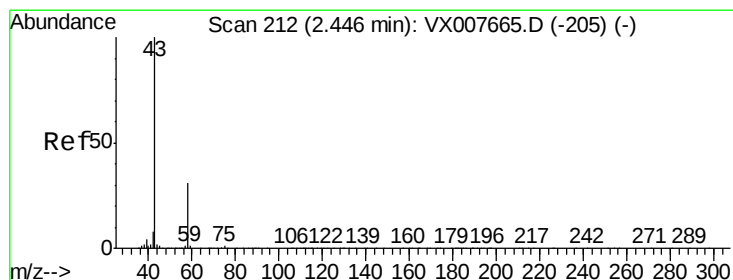
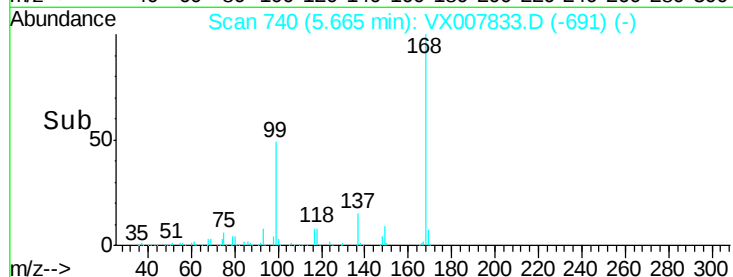
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.668 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007833.D

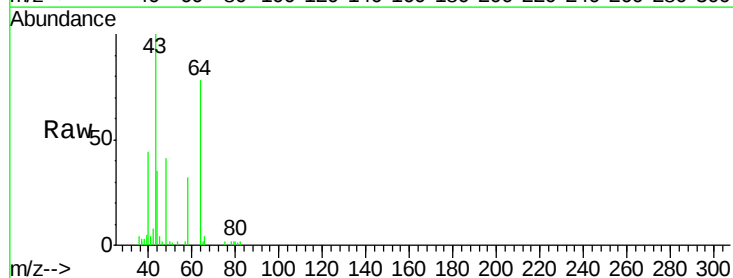
Acq: 05 Mar 2019 13:28

Tgt Ion: 43 Resp: 6517

Ion Ratio Lower Upper

43 100

58 31.7 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

4000

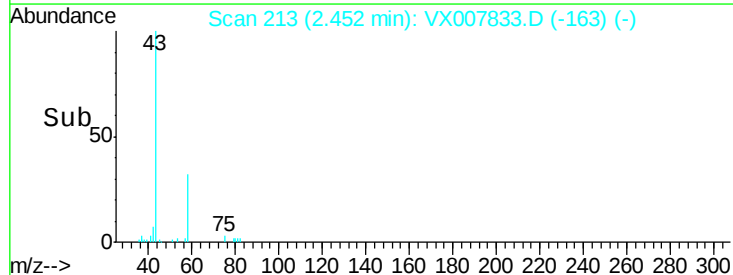
3000

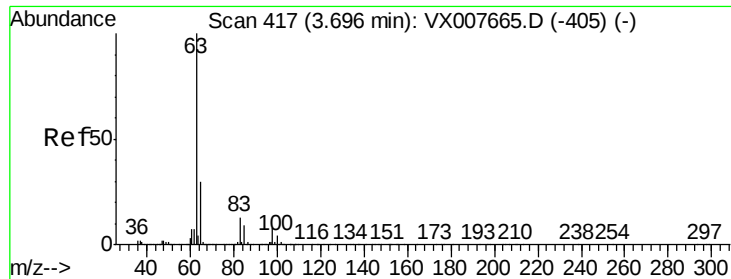
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#24

1,1-Dichloroethane

Concen: 0.894 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007833.D

Acq: 05 Mar 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

M1-T4A-UV(PRE)

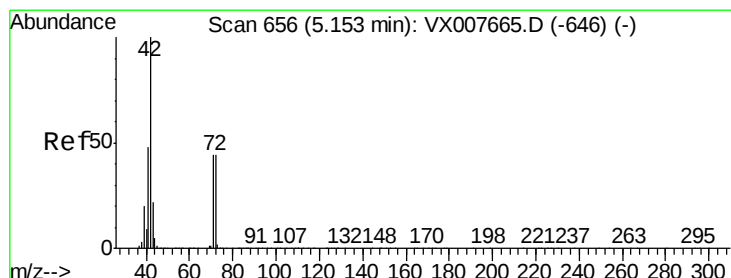
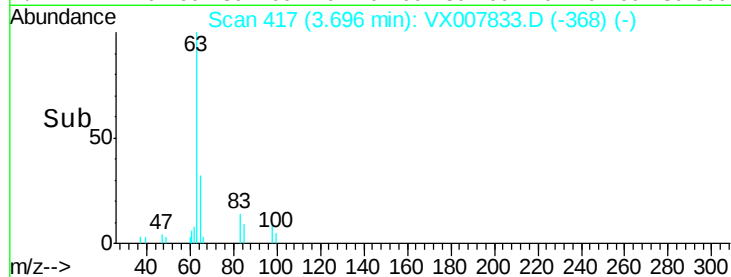
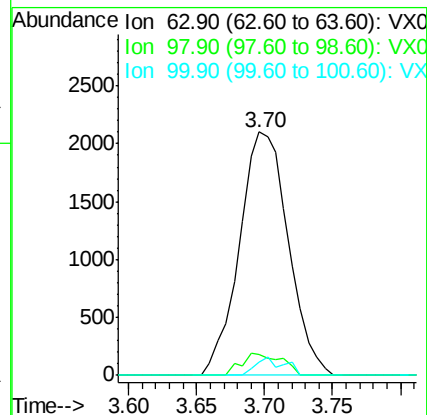
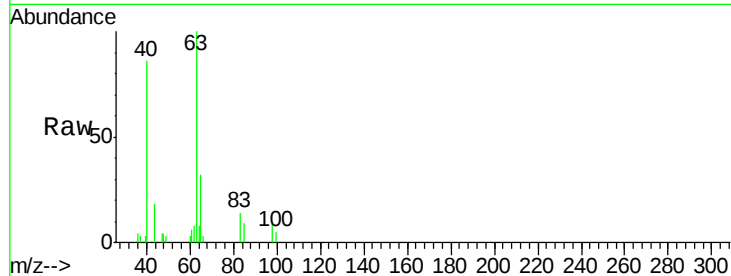
Tot Ion: 63 Resp: 5274

Ion Ratio Lower Upper

63 100

98 8.8 3.6 10.8

100 5.2 2.5 7.4



#29

Tetrahydrofuran

Concen: 2.601 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX007833.D

Acq: 05 Mar 2019 13:28

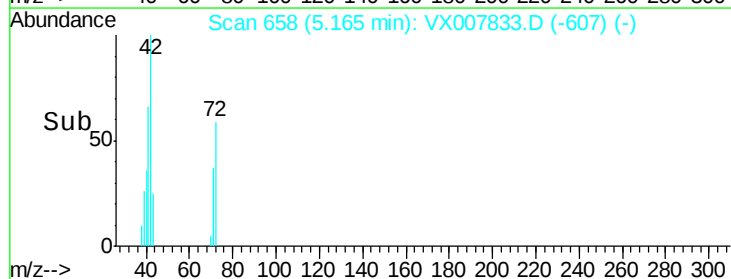
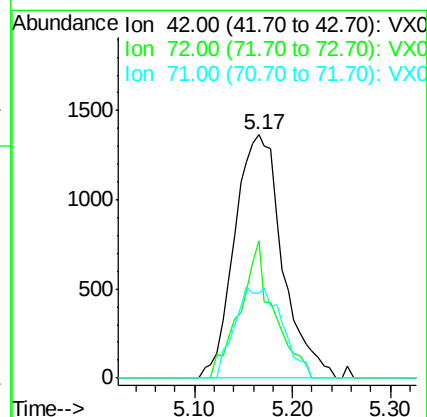
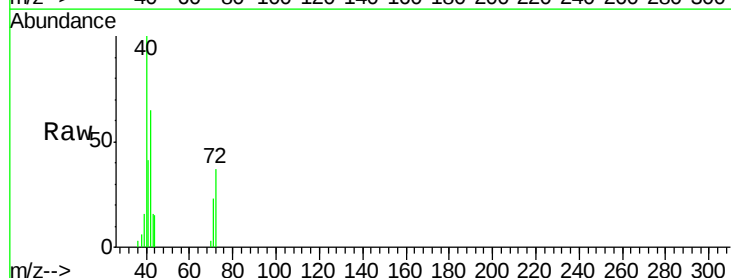
Tgt Ion: 42 Resp: 4641

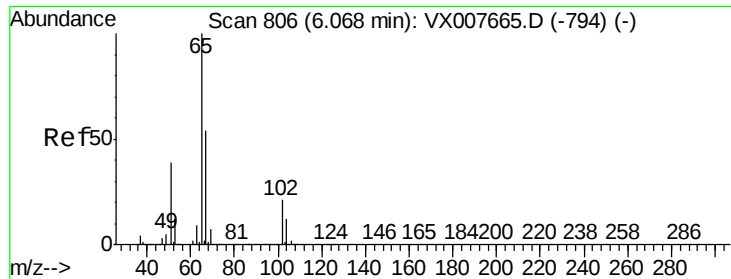
Ion Ratio Lower Upper

42 100

72 39.7 37.6 56.4

71 36.8 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 44.469 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007833.D

Acq: 05 Mar 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

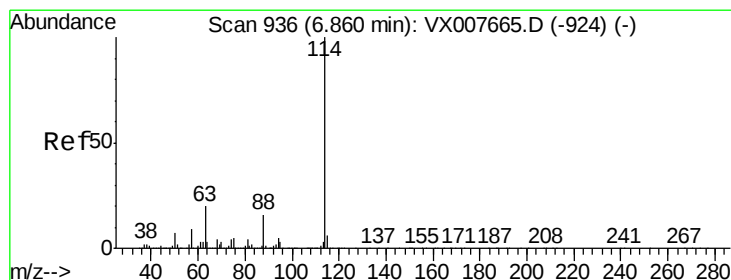
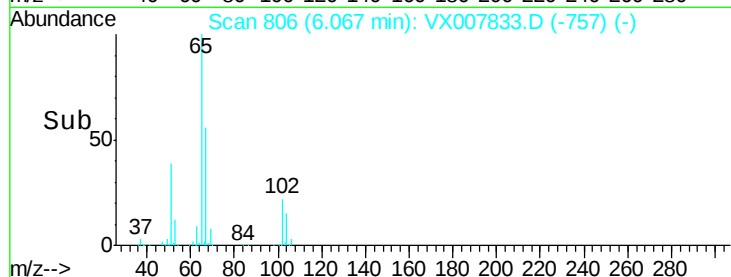
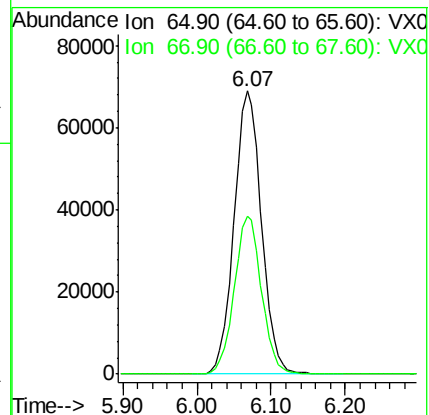
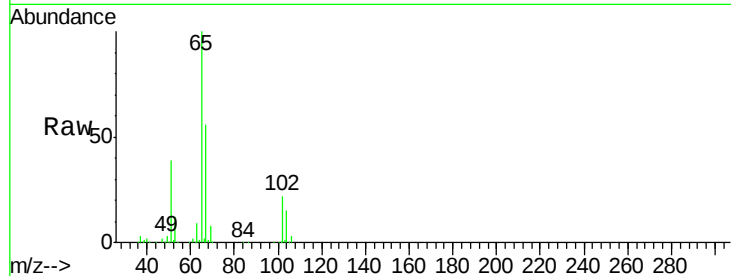
M1-T4A-UV(PRE)

Tot Ion: 65 Resp: 177674

Ion Ratio Lower Upper

65 100

67 55.3 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: VX007833.D

Acq: 05 Mar 2019 13:28

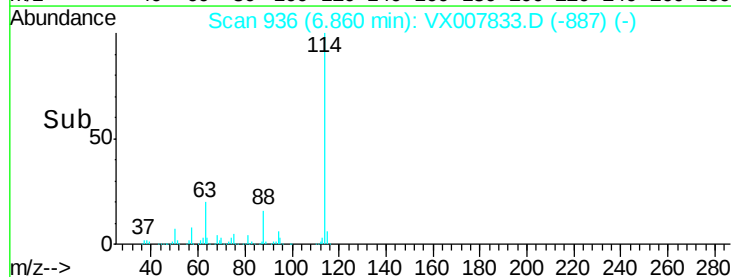
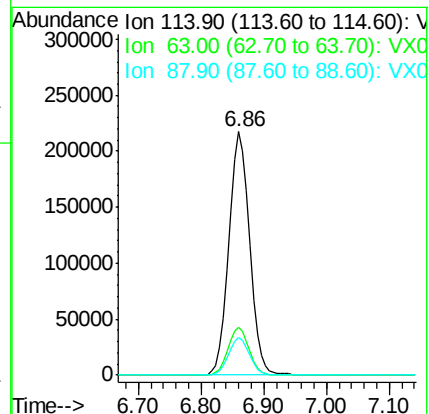
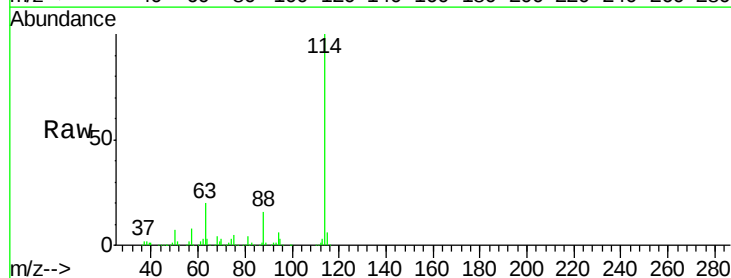
Tgt Ion: 114 Resp: 501020

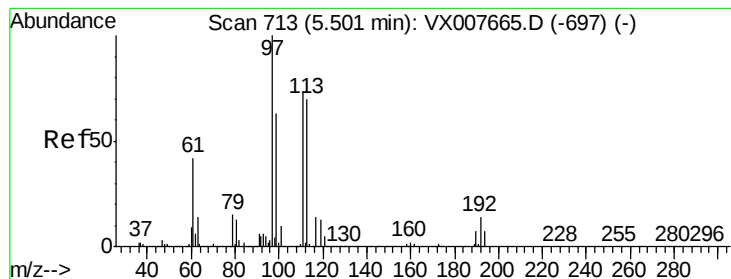
Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.6

88 15.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.328 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007833.D

Acq: 05 Mar 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

M1-T4A-UV(PRE)

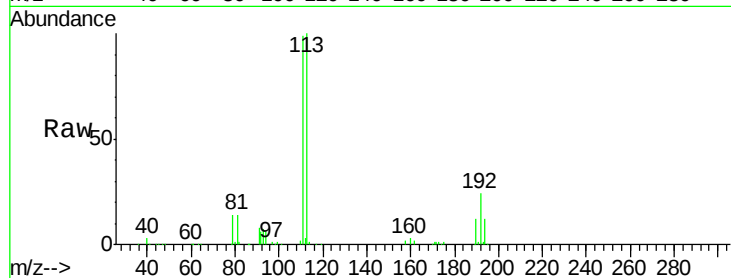
Tot Ion:113 Resp: 165209

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

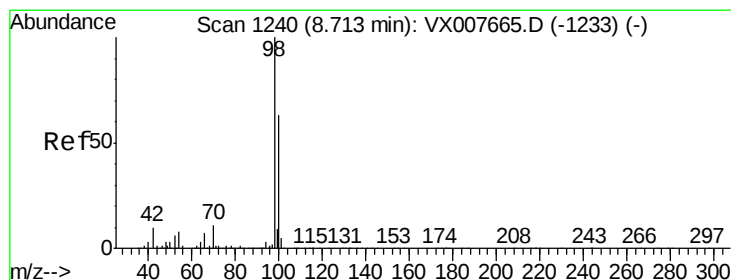
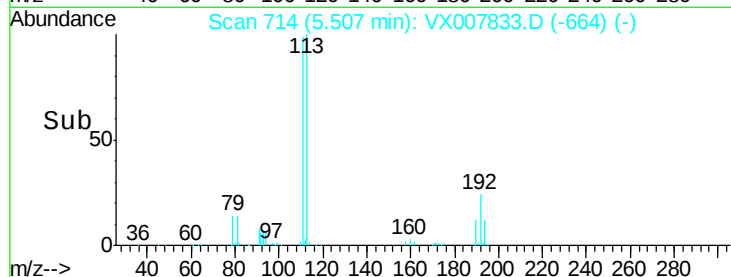
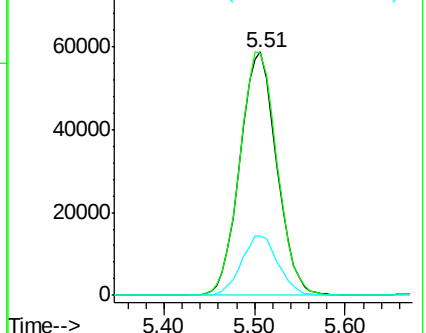
192 24.5 18.5 27.7



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: 47.144 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007833.D

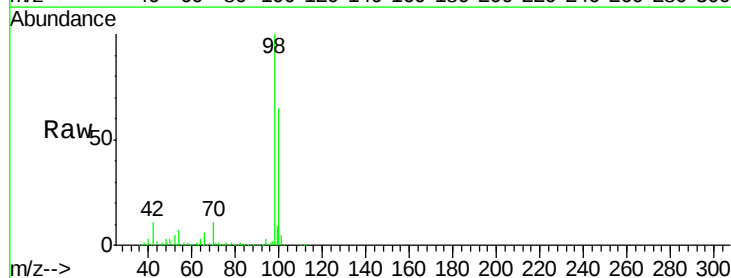
Acq: 05 Mar 2019 13:28

Tgt Ion: 98 Resp: 604471

Ion Ratio Lower Upper

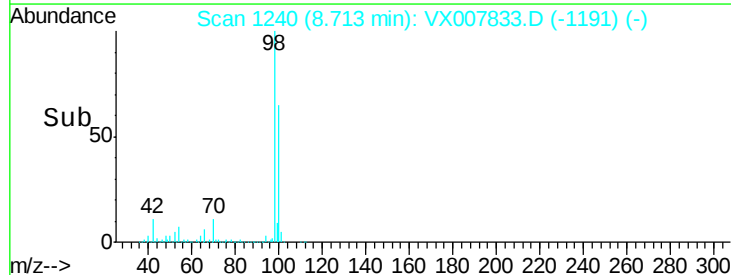
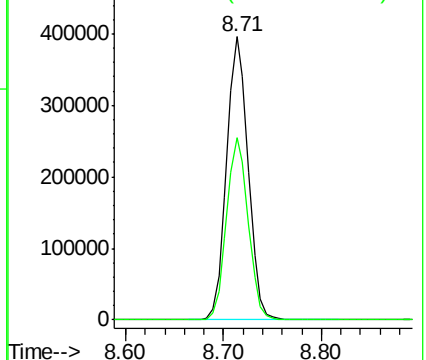
98 100

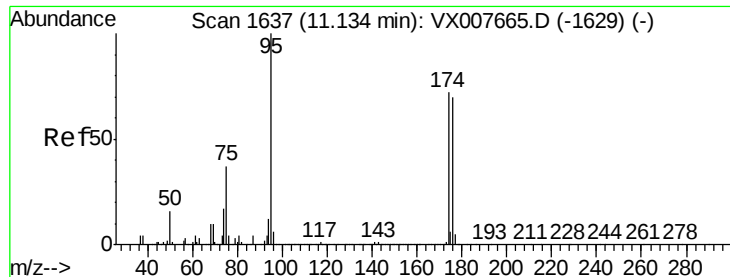
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.712 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007833.D

Acq: 05 Mar 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

M1-T4A-UV(PRE)

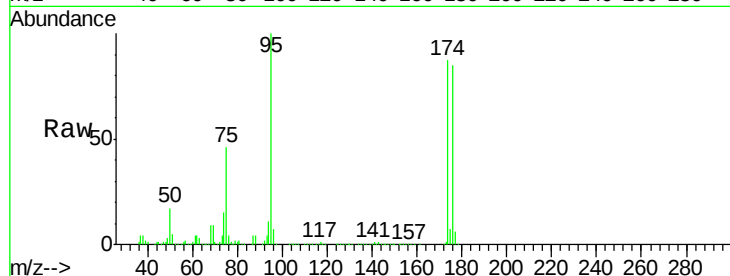
Tot Ion: 95 Resp: 219832

Ion Ratio Lower Upper

95 100

174 92.4 0.0 189.2

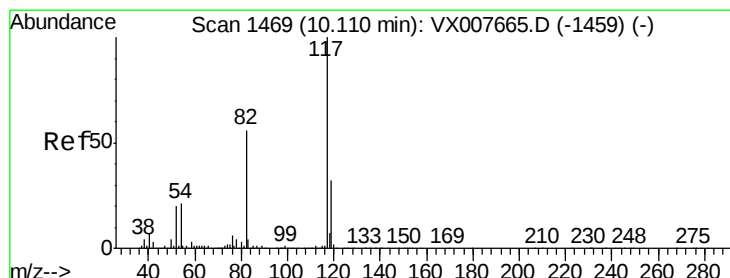
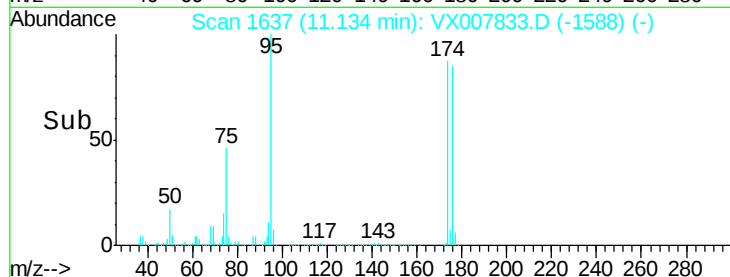
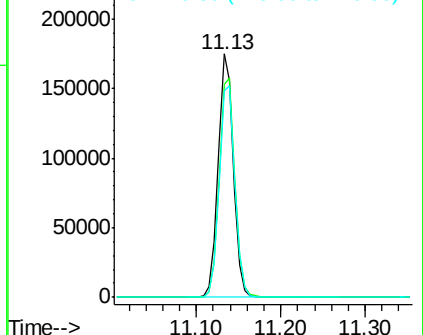
176 89.5 0.0 186.2



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: VX007833.D

Acq: 05 Mar 2019 13:28

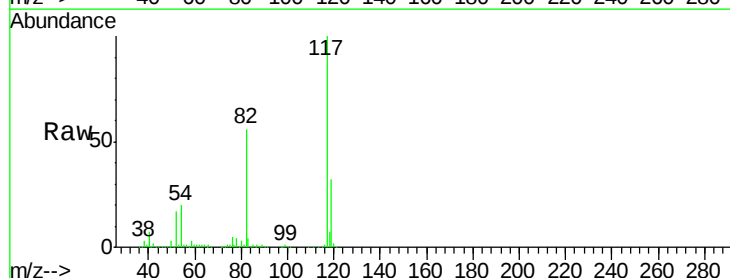
Tgt Ion: 117 Resp: 469095

Ion Ratio Lower Upper

117 100

82 55.8 42.1 63.1

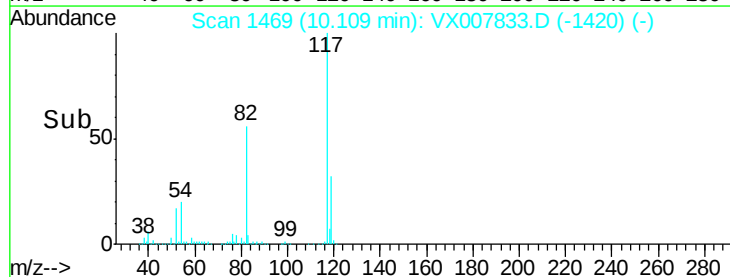
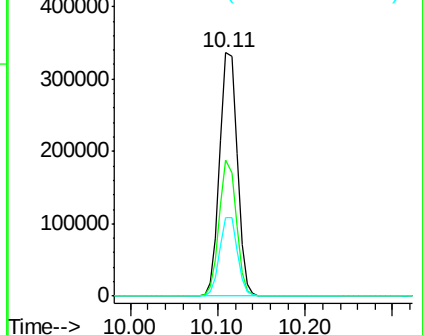
119 32.1 26.5 39.7

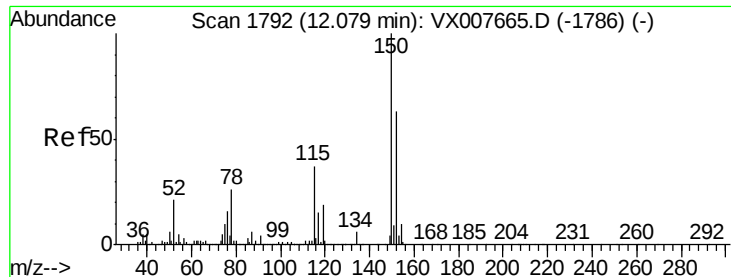


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX007833.D

Acq: 05 Mar 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

M1-T4A-UV(PRE)

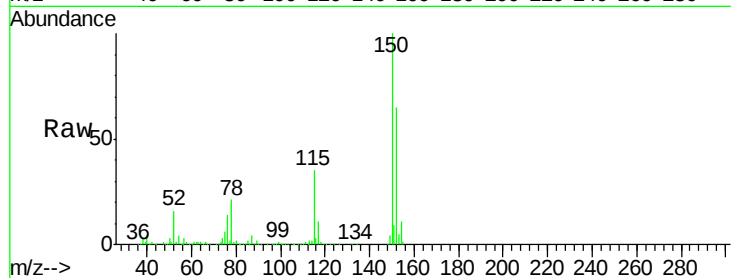
Tot Ion:152 Resp: 224689

Ion Ratio Lower Upper

152 100

115 54.8 38.0 114.0

150 155.3 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

