

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011707.D
 Acq On : 21 Aug 2019 00:48
 Operator : JC/SP
 Sample : K4387-31
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-A2-(0)

Quant Time: Aug 21 01:18:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

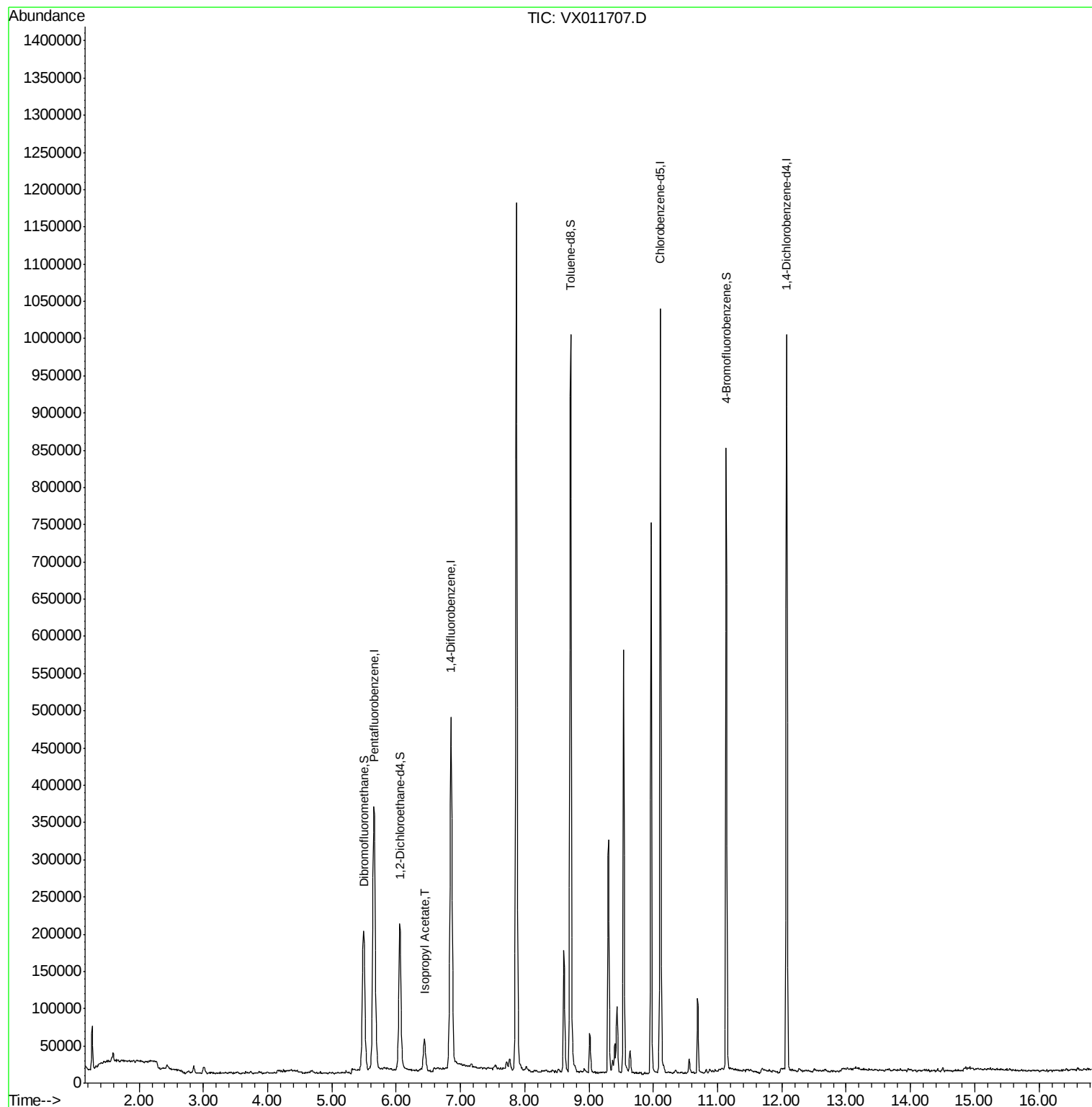
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	373849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	493244	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	485577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	216729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	192724	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
35) Dibromofluoromethane	5.49	113	158718	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	8.71	98	622509	61.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.86%	
62) 4-Bromofluorobenzene	11.13	95	201676	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
Target Compounds						
43) Isopropyl Acetate	6.44	43	58183	7.686	ug/l	Qvalue 98

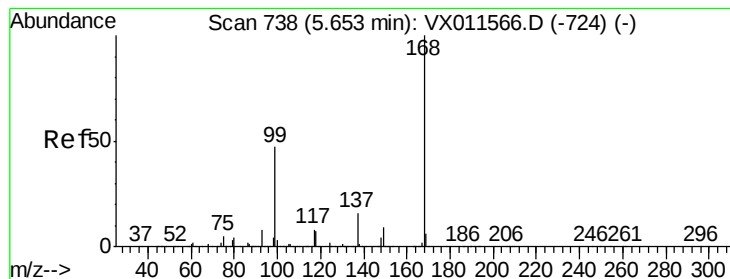
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011707.D

Acq: 21 Aug 2019 00:48

Instrument :

MSVOA_X

ClientSampleId :

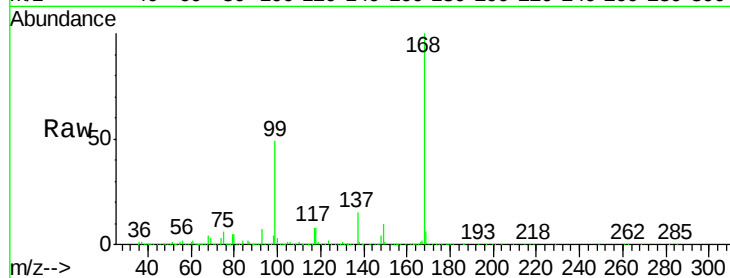
T4-A2-(0)

Tot Ion:168 Resp: 373849

Ion Ratio Lower Upper

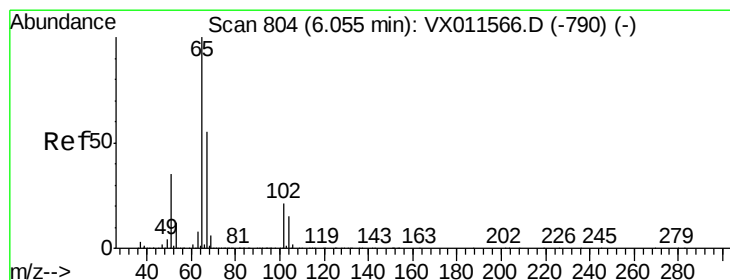
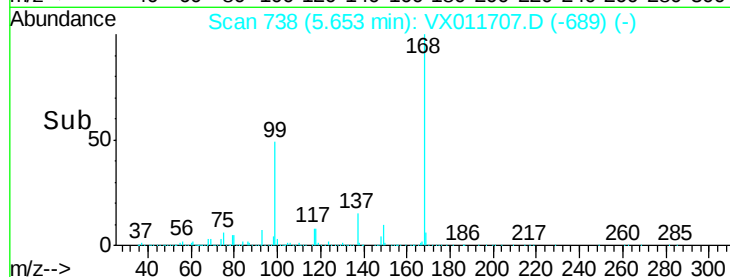
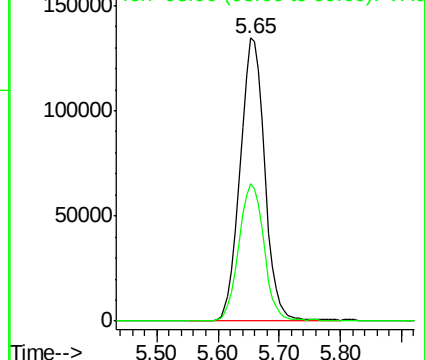
168 100

99 48.6 37.3 55.9



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: 55.589 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011707.D

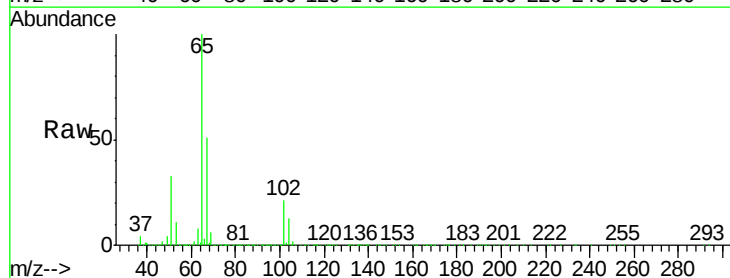
Acq: 21 Aug 2019 00:48

Tgt Ion: 65 Resp: 192724

Ion Ratio Lower Upper

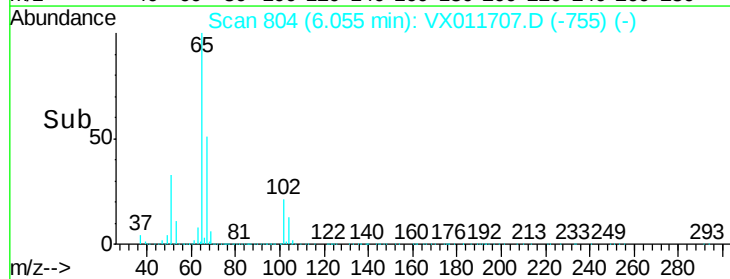
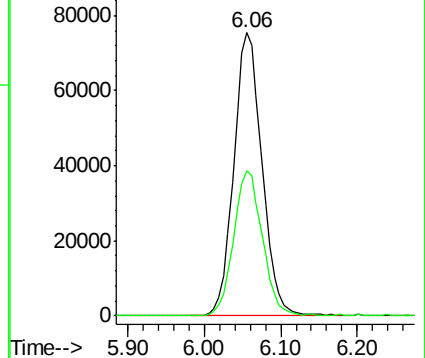
65 100

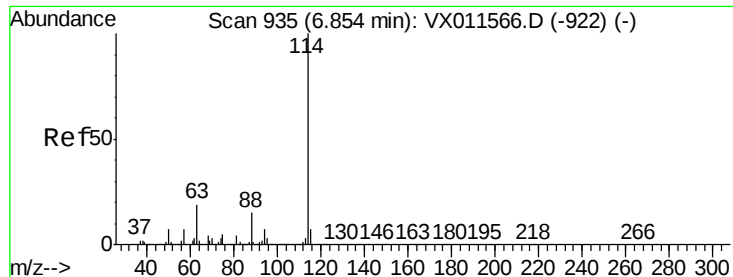
67 51.6 0.0 107.6



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: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011707.D

Acq: 21 Aug 2019 00:48

Instrument :

MSVOA_X

ClientSampled :

T4-A2-(0)

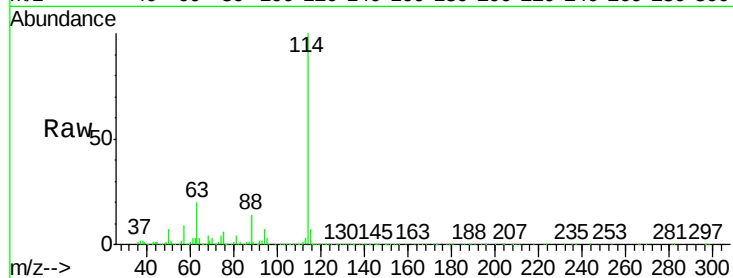
Tot Ion:114 Resp: 493244

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.8

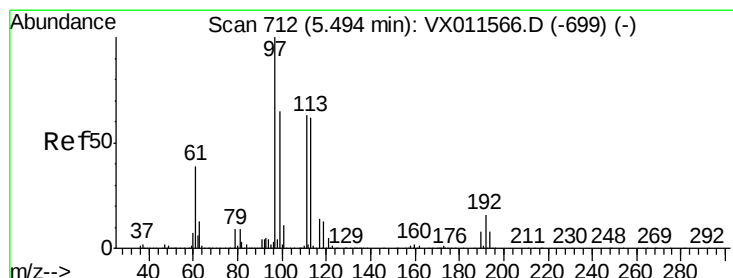
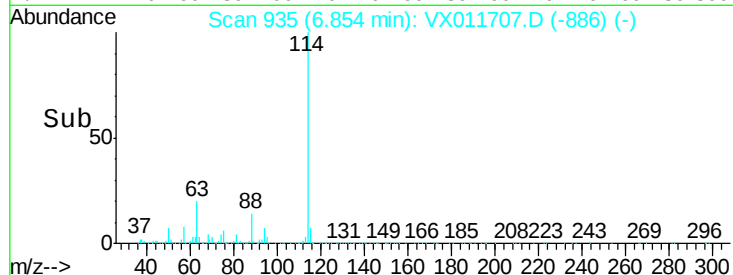
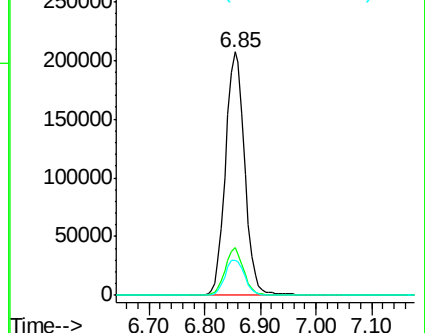
88 14.1 0.0 30.2



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: 49.198 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011707.D

Acq: 21 Aug 2019 00:48

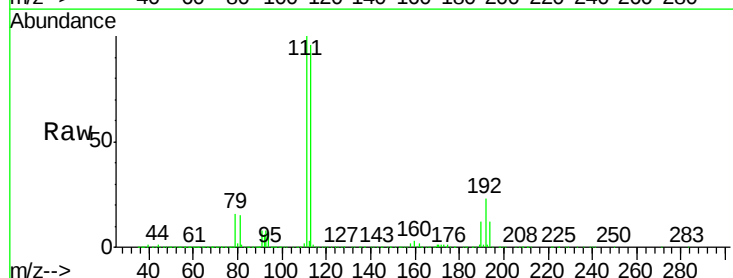
Tgt Ion:113 Resp: 158718

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

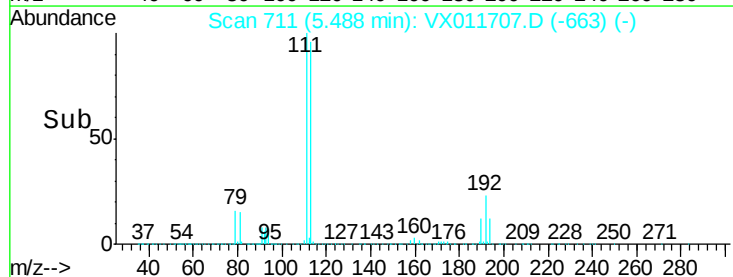
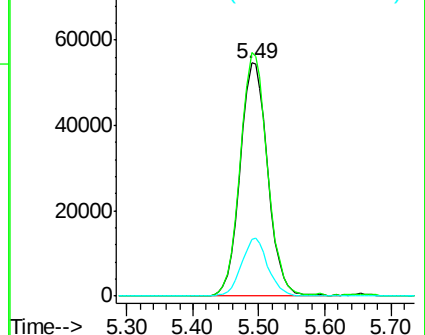
192 23.8 20.8 31.2

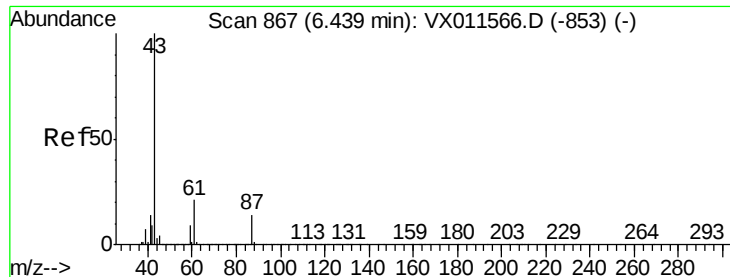


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.686 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011707.D

Acq: 21 Aug 2019 00:48

Instrument :

MSVOA_X

ClientSampleId :

T4-A2-(0)

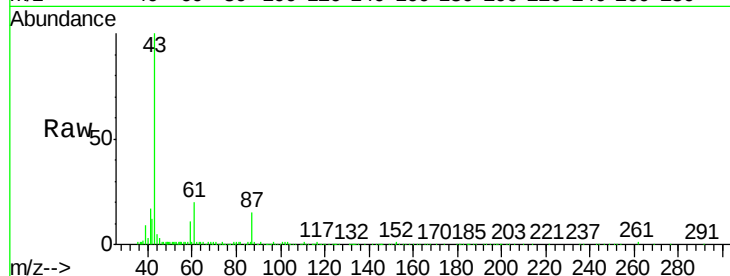
Tot Ion: 43 Resp: 58183

Ion Ratio Lower Upper

43 100

61 19.6 16.6 24.8

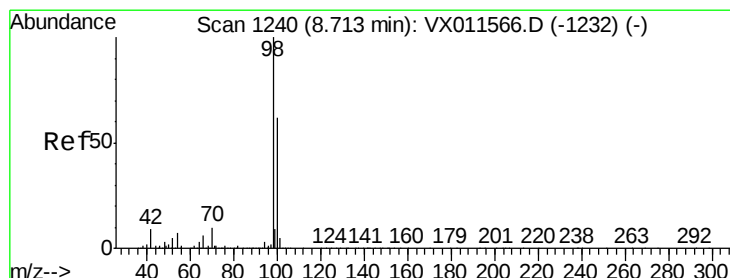
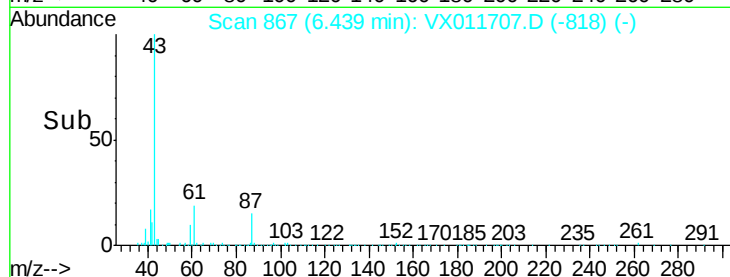
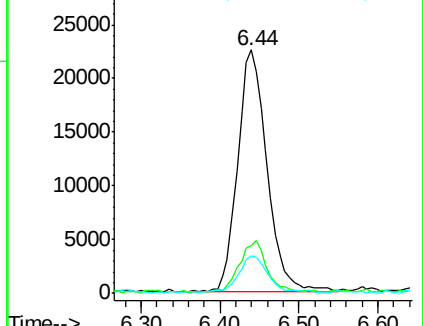
87 14.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 61.928 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011707.D

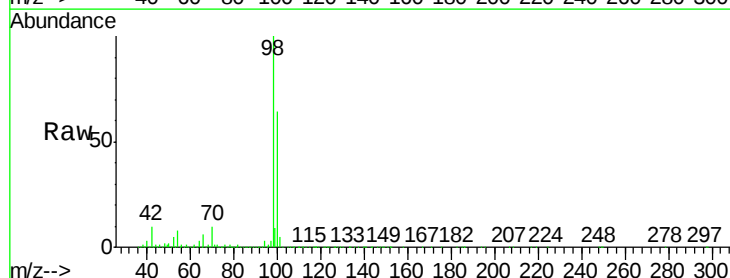
Acq: 21 Aug 2019 00:48

Tgt Ion: 98 Resp: 622509

Ion Ratio Lower Upper

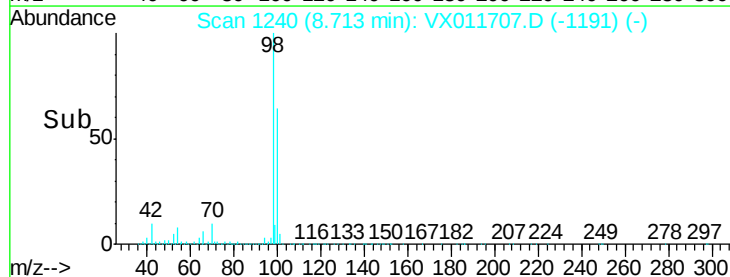
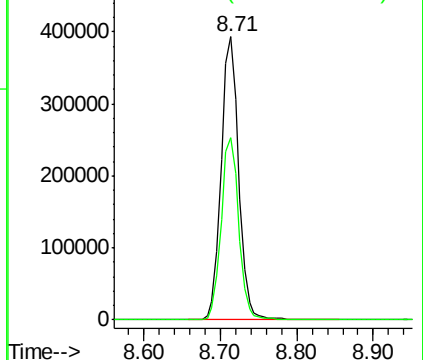
98 100

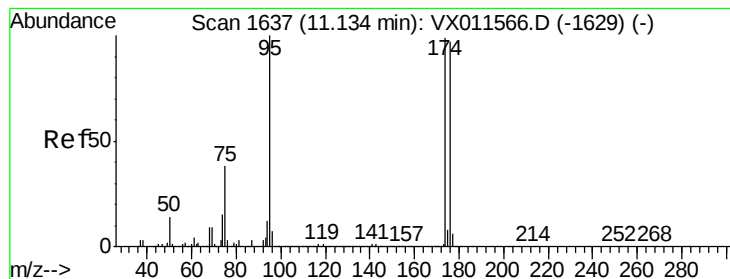
100 64.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.533 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011707.D

Acq: 21 Aug 2019 00:48

Instrument :

MSVOA_X

ClientSampleId :

T4-A2-(0)

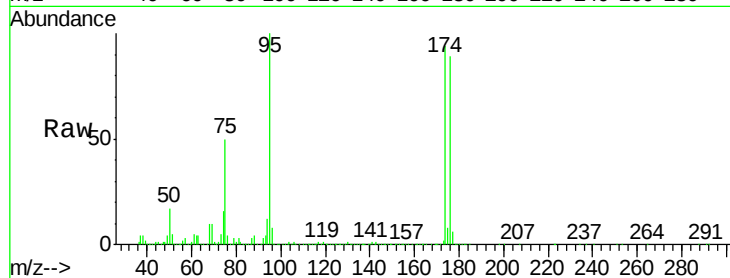
Tot Ion: 95 Resp: 201676

Ion Ratio Lower Upper

95 100

174 95.6 0.0 200.6

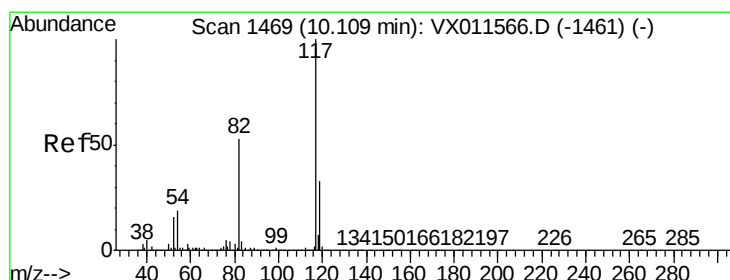
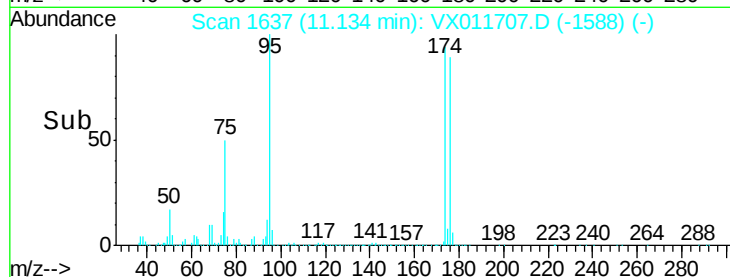
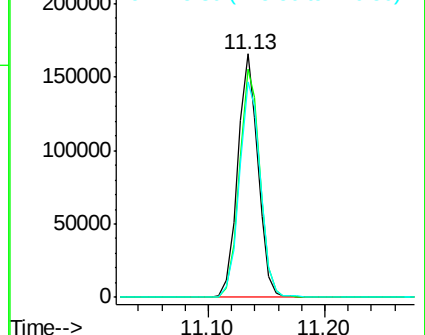
176 91.4 0.0 196.6



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: VX011707.D

Acq: 21 Aug 2019 00:48

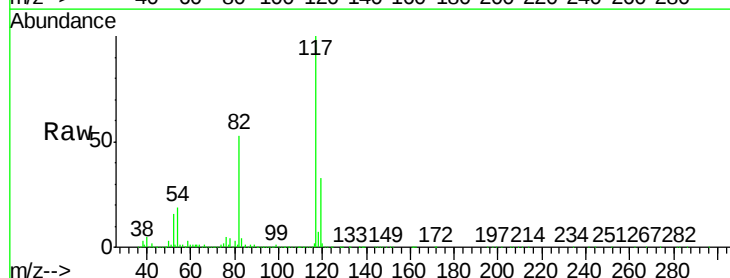
Tgt Ion: 117 Resp: 485577

Ion Ratio Lower Upper

117 100

82 52.6 42.0 63.0

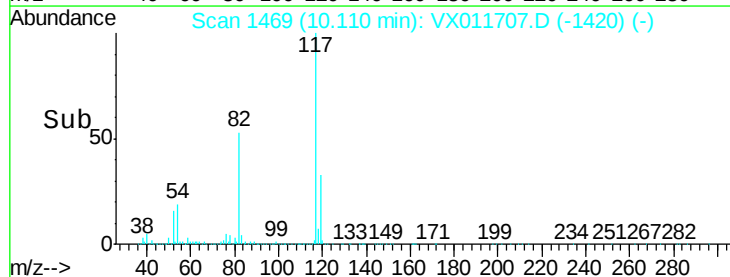
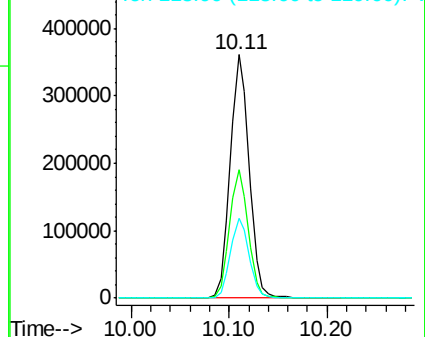
119 32.6 26.5 39.7

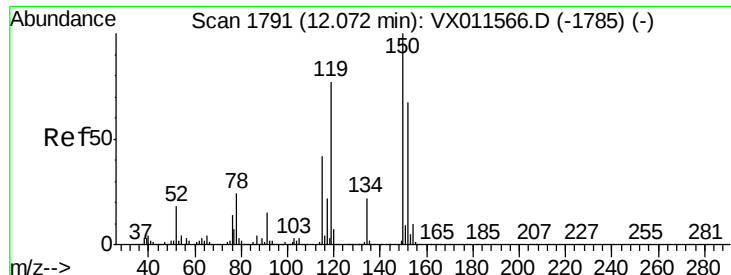


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011707.D

Acq: 21 Aug 2019 00:48

Instrument :

MSVOA_X

ClientSampleId :

T4-A2-(0)

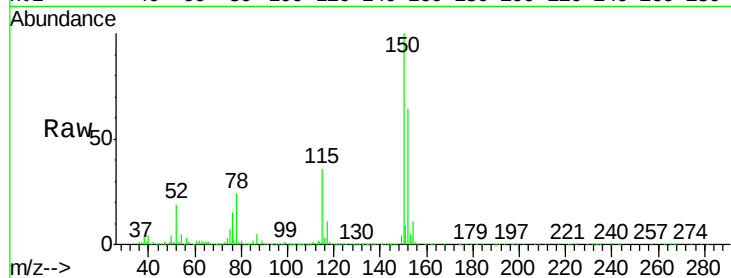
Tot Ion:152 Resp: 216729

Ion Ratio Lower Upper

152 100

115 55.3 37.3 111.9

150 154.8 0.0 346.2



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

