

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011699.D
 Acq On : 20 Aug 2019 21:40
 Operator : JC/SP
 Sample : PB122377TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB122377TB

Quant Time: Aug 21 00:44:46 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

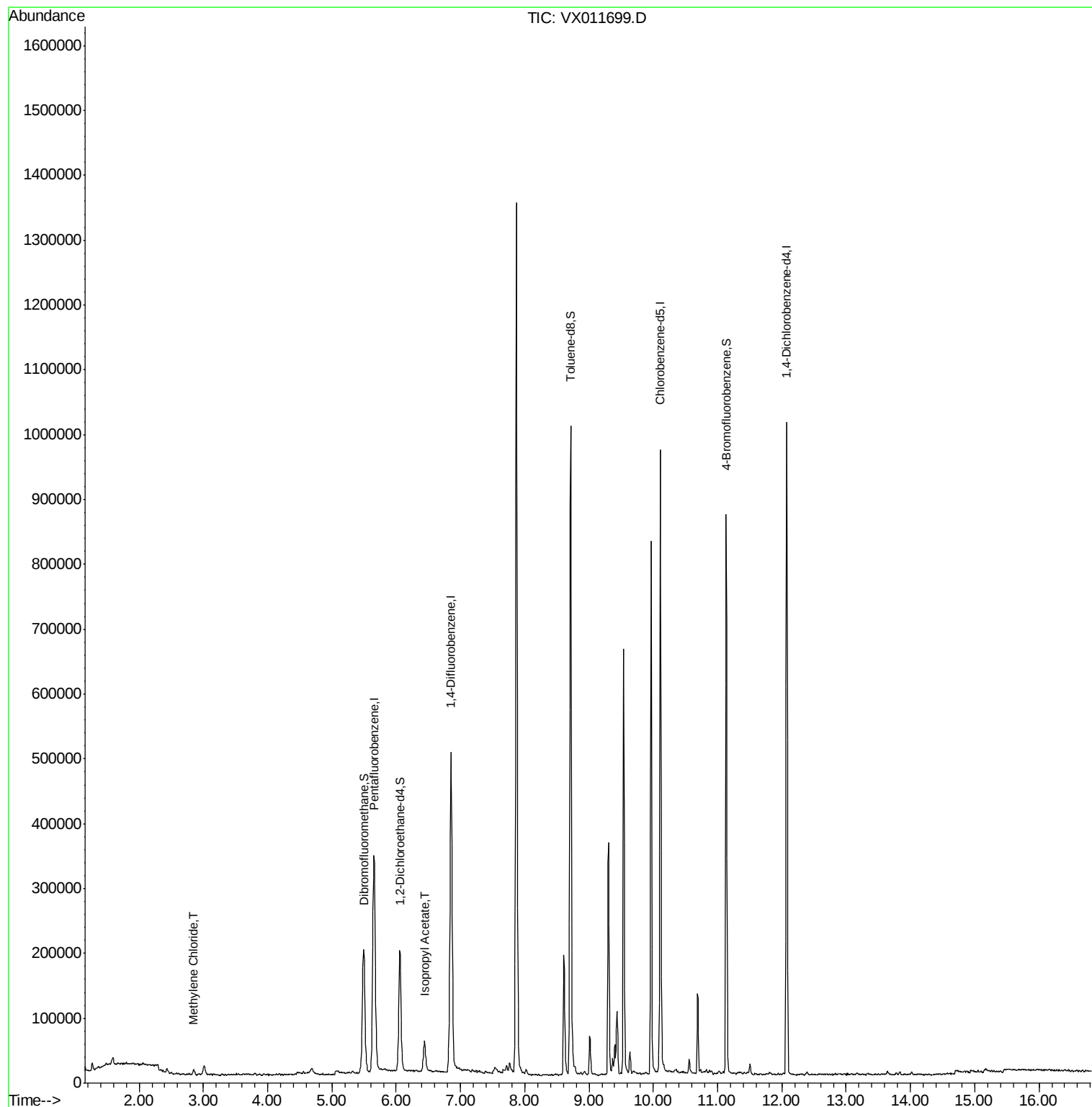
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	351239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	518409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	441716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234282	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	186629	57.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.60%	
35) Dibromofluoromethane	5.49	113	161163	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
50) Toluene-d8	8.71	98	626580	59.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.62%	
62) 4-Bromofluorobenzene	11.13	95	214032	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
Target Compounds						
20) Methylene Chloride	2.85	84	4378	1.273	ug/l	92
43) Isopropyl Acetate	6.44	43	64474	8.104	ug/l	99

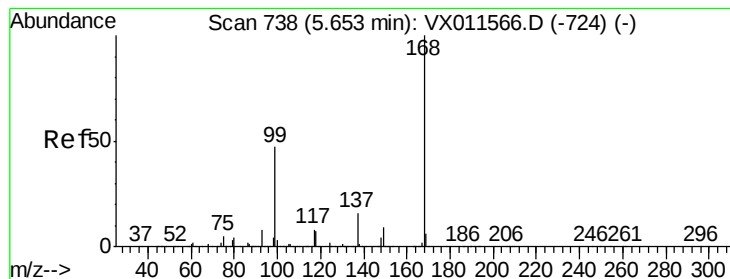
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011699.D

Acq: 20 Aug 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

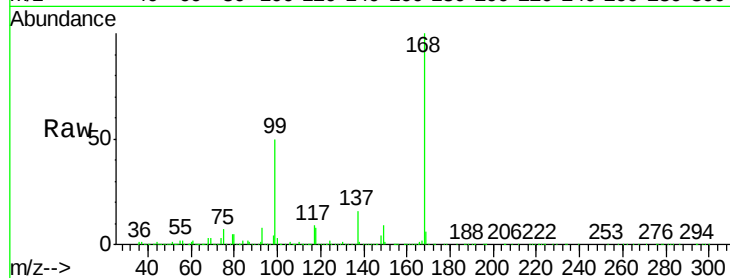
PB122377TB

Tot Ion:168 Resp: 351239

Ion Ratio Lower Upper

168 100

99 49.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

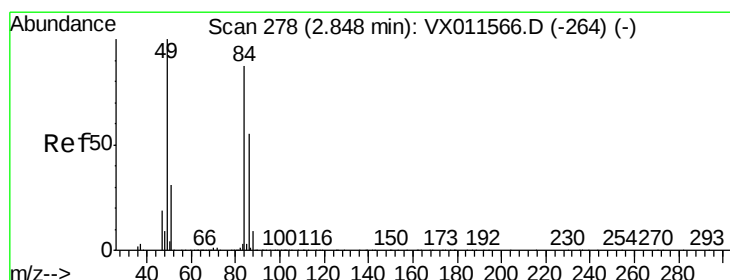
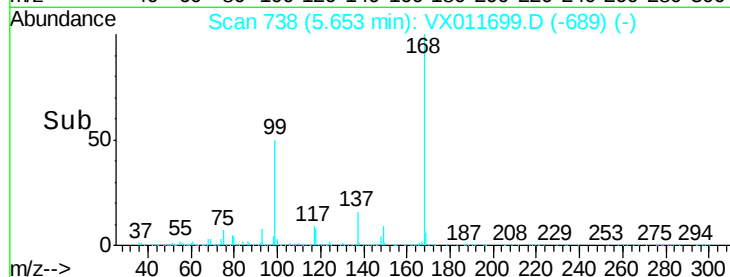
5.65

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.273 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011699.D

Acq: 20 Aug 2019 21:40

Tgt Ion: 84 Resp: 4378

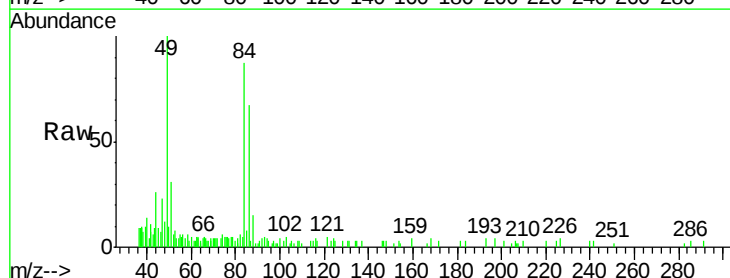
Ion Ratio Lower Upper

84 100

49 110.5 92.4 138.6

51 30.5 28.5 42.7

86 75.7 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

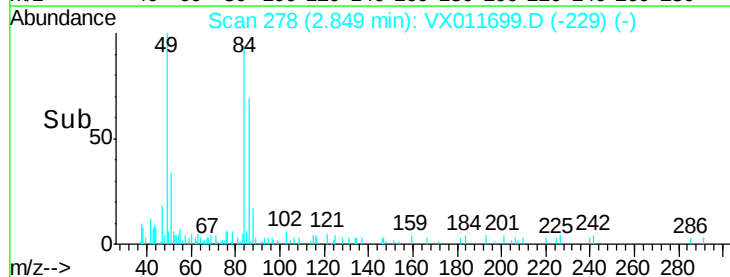
3000

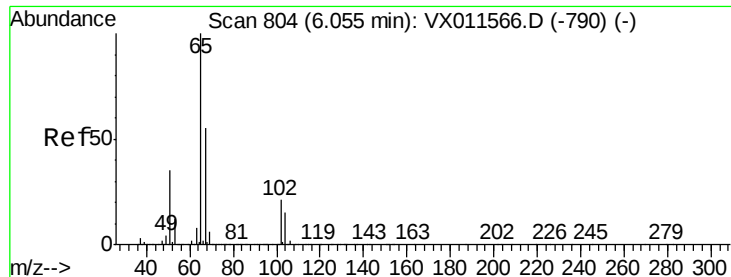
2000

1000

0

Time-->

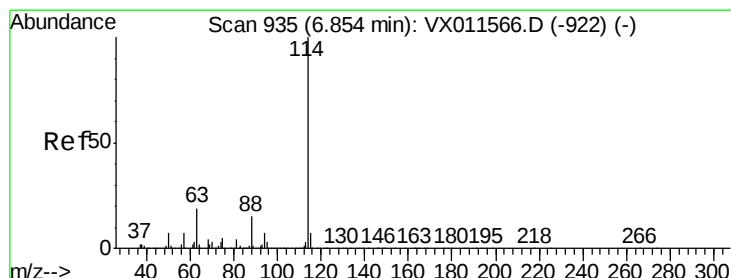
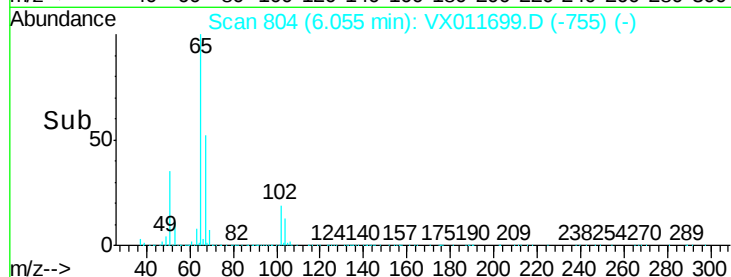
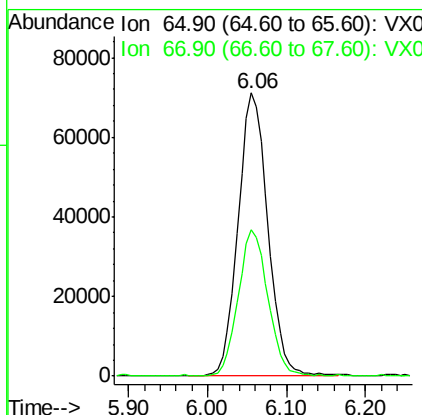
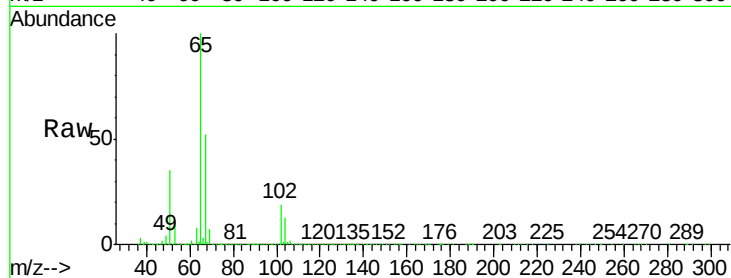




#33
 1,2-Dichloroethane-d4
 Concen: 57.296 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011699.D
 Acq: 20 Aug 2019 21:40

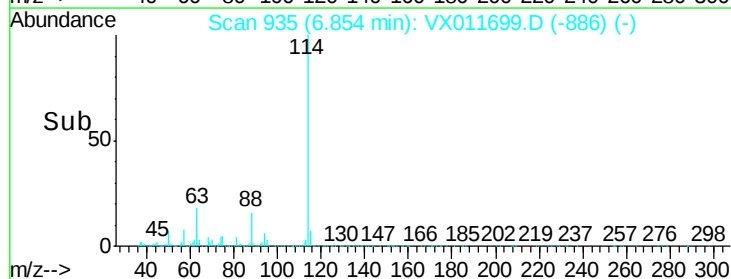
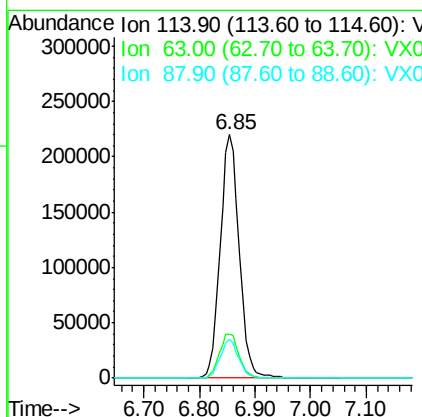
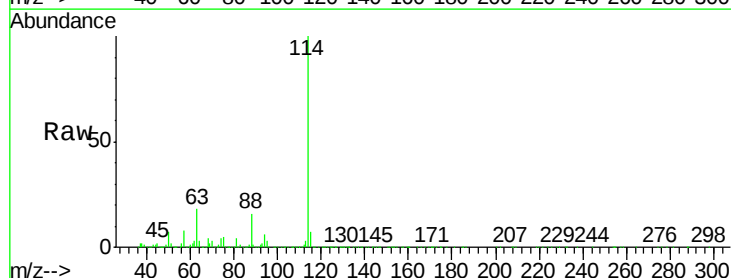
Instrument :
 MSVOA_X
 ClientSampleId :
 PB122377TB

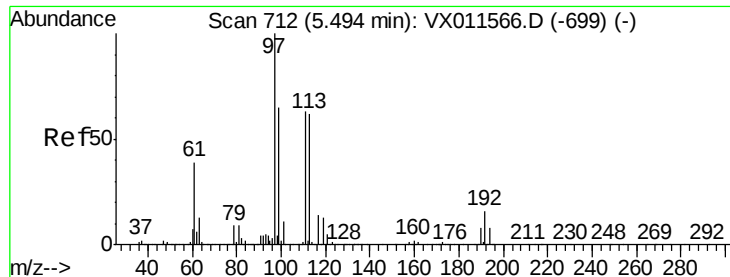
Tot Ion: 65 Resp: 186629
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011699.D
 Acq: 20 Aug 2019 21:40

Tgt Ion: 114 Resp: 518409
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 37.8
 88 15.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.531 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011699.D

Acq: 20 Aug 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

PB122377TB

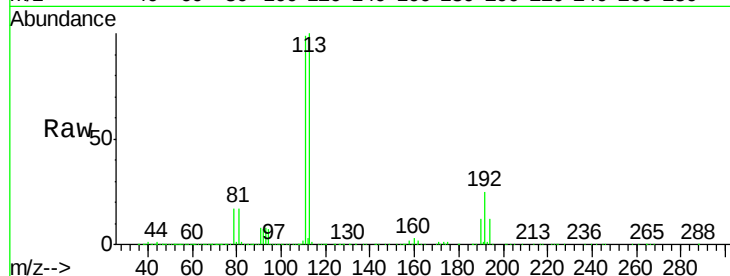
Tot Ion:113 Resp: 161163

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

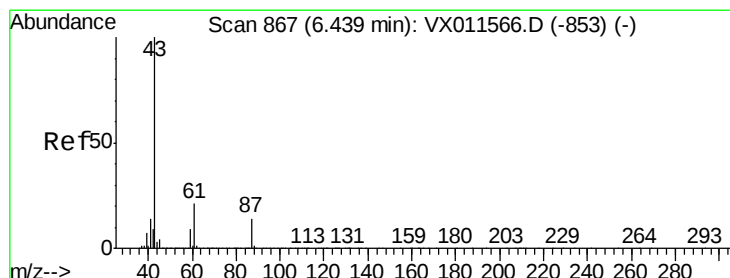
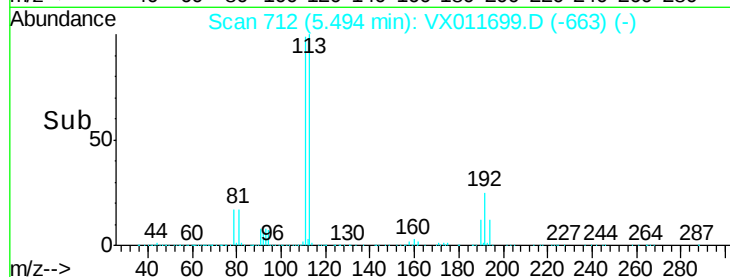
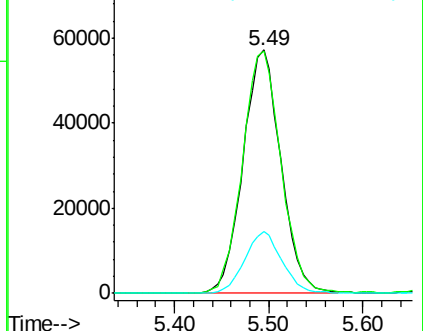
192 25.1 20.8 31.2



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: 8.104 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011699.D

Acq: 20 Aug 2019 21:40

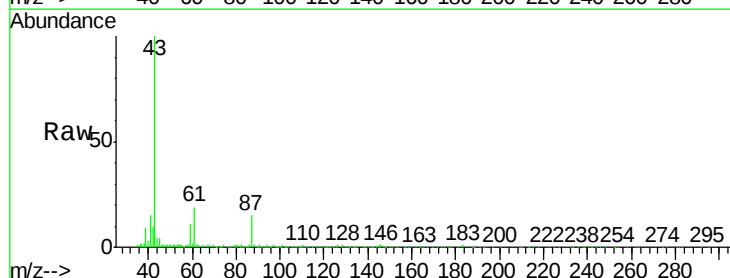
Tgt Ion: 43 Resp: 64474

Ion Ratio Lower Upper

43 100

61 20.5 16.6 24.8

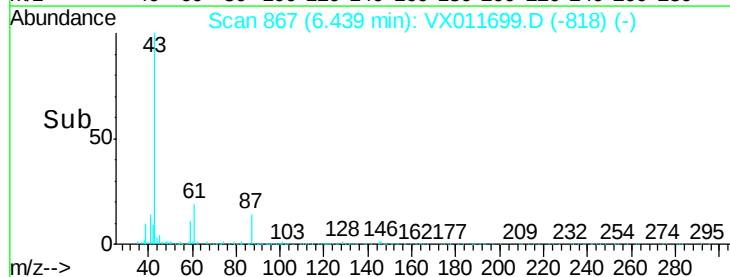
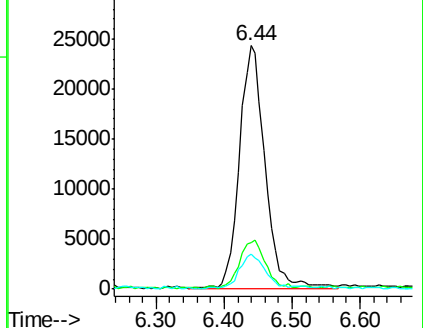
87 13.8 11.4 17.2

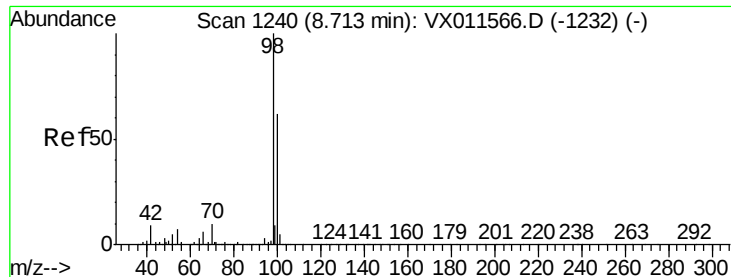


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 59.307 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011699.D

Acq: 20 Aug 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

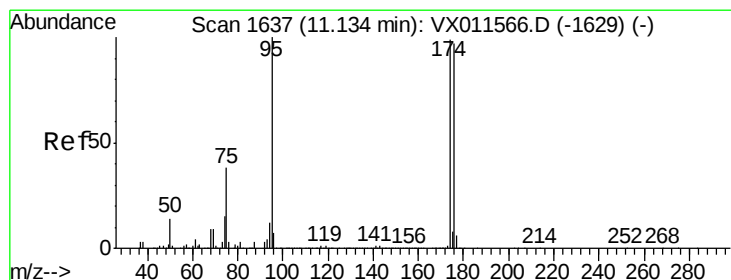
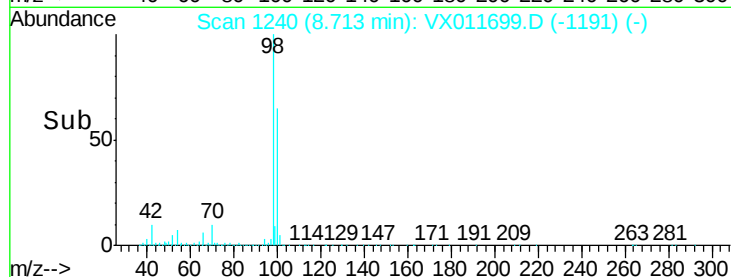
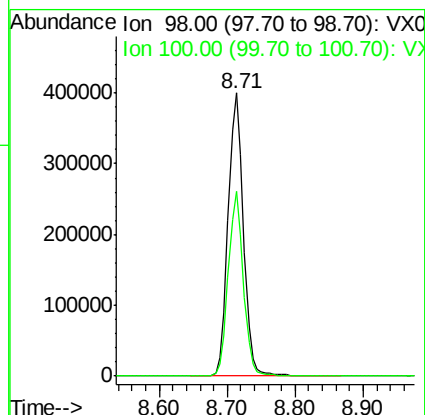
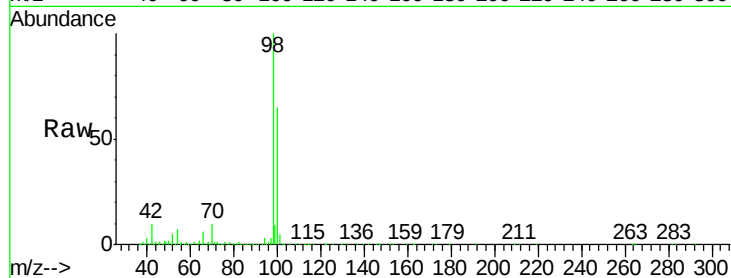
PB122377TB

Tot Ion: 98 Resp: 626580

Ion Ratio Lower Upper

98 100

100 64.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 47.996 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011699.D

Acq: 20 Aug 2019 21:40

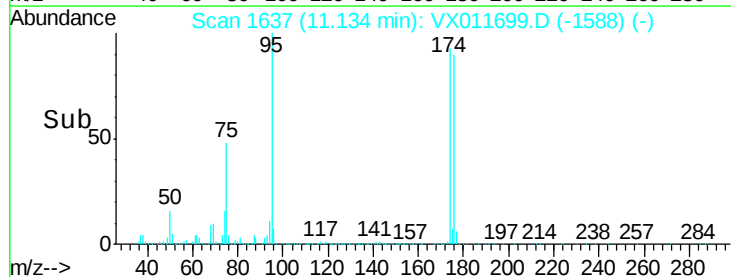
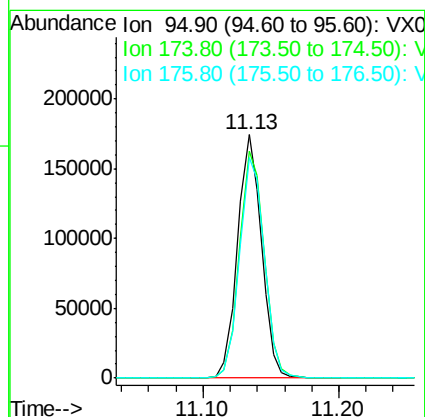
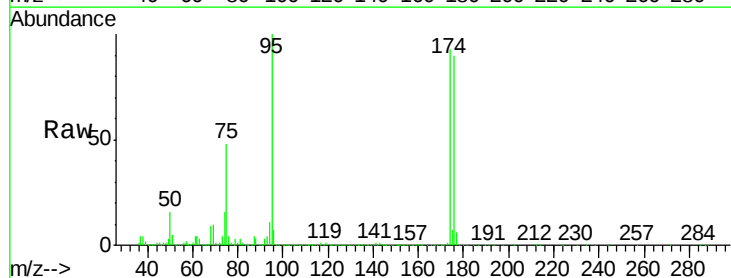
Tgt Ion: 95 Resp: 214032

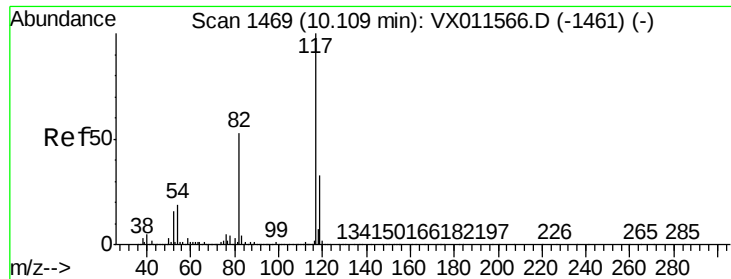
Ion Ratio Lower Upper

95 100

174 96.3 0.0 200.6

176 93.9 0.0 196.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011699.D

Acq: 20 Aug 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

PB122377TB

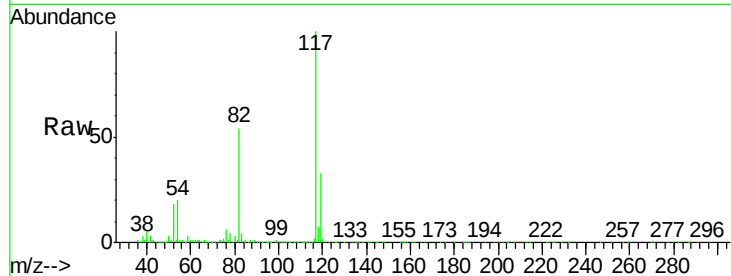
Tot Ion:117 Resp: 441716

Ion Ratio Lower Upper

117 100

82 54.5 42.0 63.0

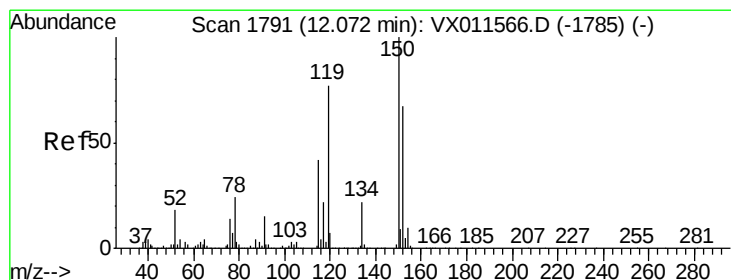
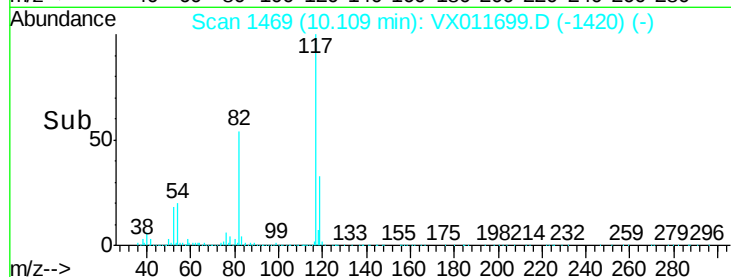
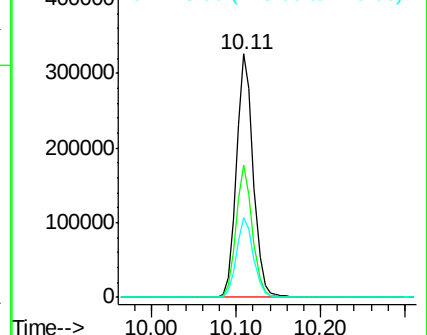
119 32.8 26.5 39.7



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. 0.01 min

Lab File: VX011699.D

Acq: 20 Aug 2019 21:40

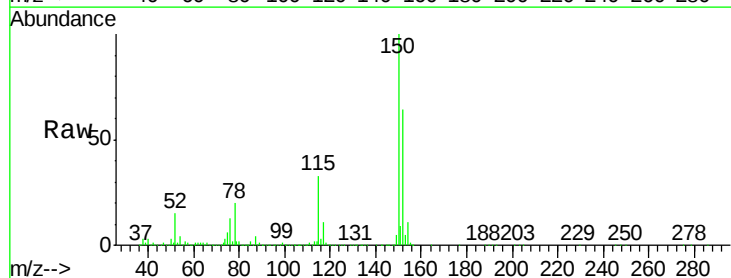
Tgt Ion:152 Resp: 234282

Ion Ratio Lower Upper

152 100

115 53.4 37.3 111.9

150 155.4 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

