

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011736.D
 Acq On : 21 Aug 2019 16:41
 Operator : JC/SP
 Sample : K4453-03RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-190820RE

Quant Time: Aug 22 04:07:24 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

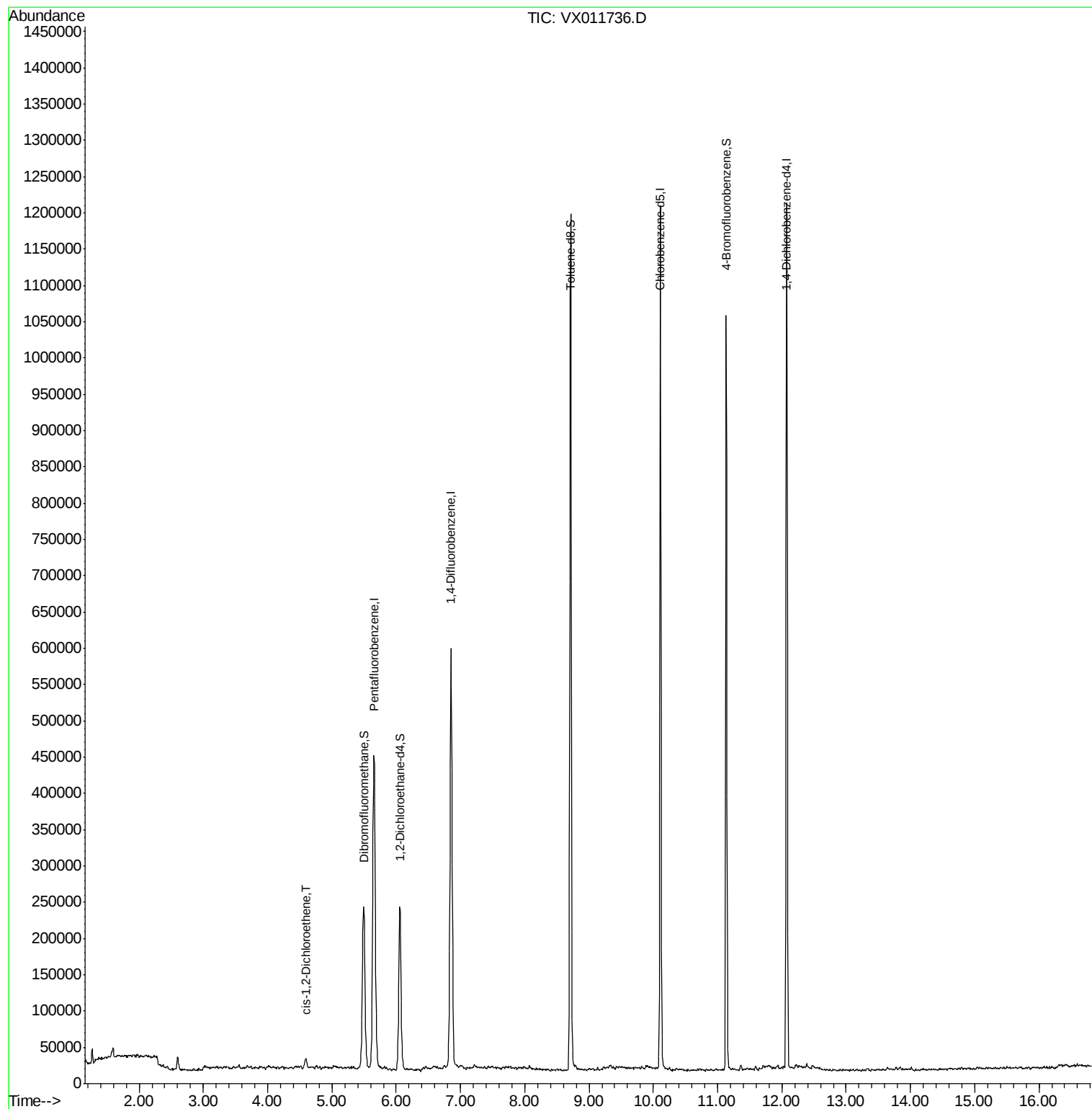
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	464292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	621091	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	565999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	268883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	223087	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	5.49	113	189952	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
50) Toluene-d8	8.71	98	728170	57.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.06%	
62) 4-Bromofluorobenzene	11.13	95	256744	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	8343	1.706	ug/l	Qvalue 92

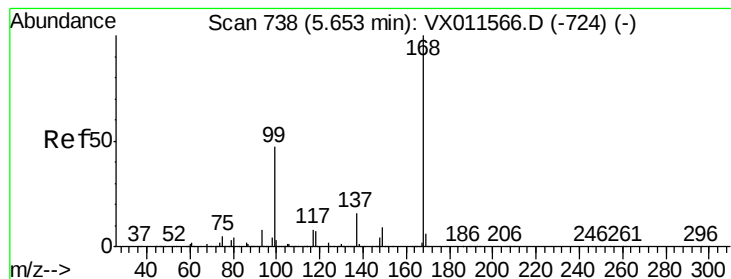
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011736.D

Acq: 21 Aug 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

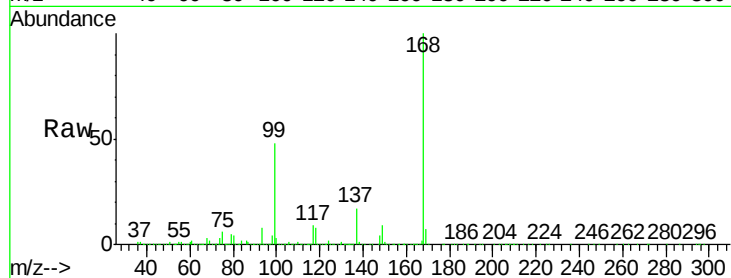
OUTFALL001-190820RE

Tot Ion:168 Resp: 464292

Ion Ratio Lower Upper

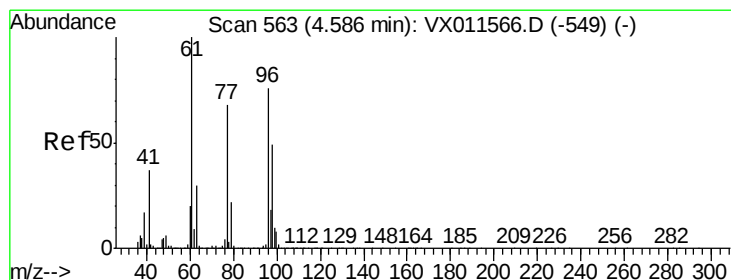
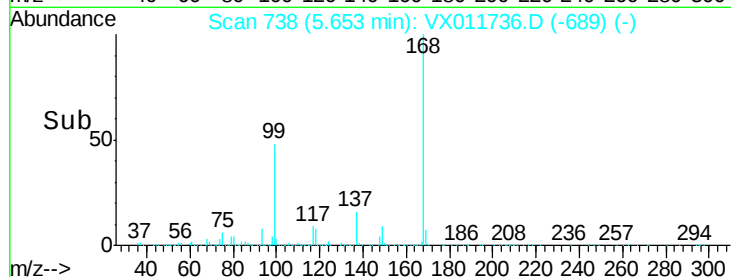
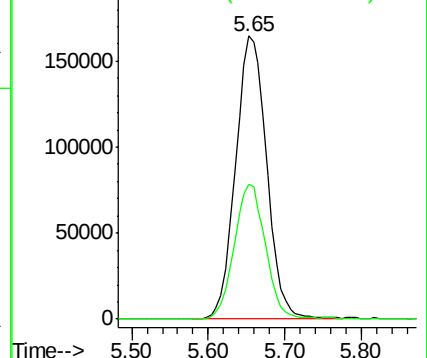
168 100

99 47.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 1.706 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX011736.D

Acq: 21 Aug 2019 16:41

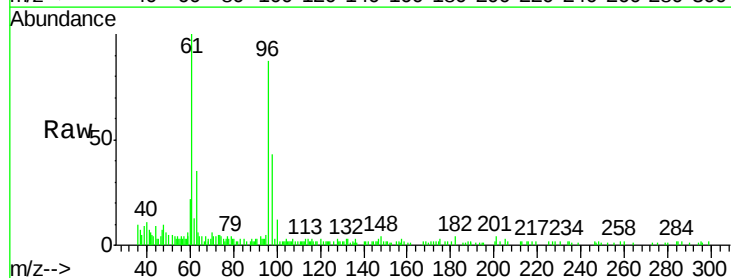
Tgt Ion: 96 Resp: 8343

Ion Ratio Lower Upper

96 100

61 129.4 0.0 272.6

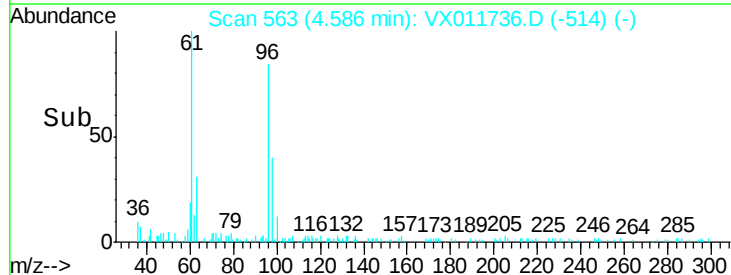
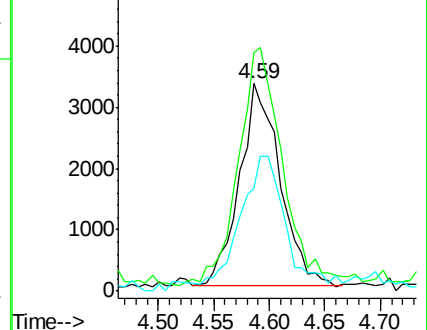
98 73.8 0.0 129.4

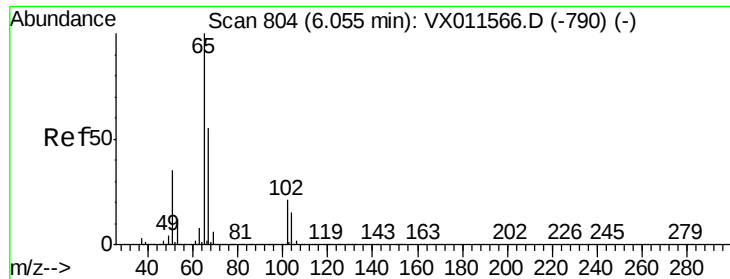


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.812 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011736.D

Acq: 21 Aug 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

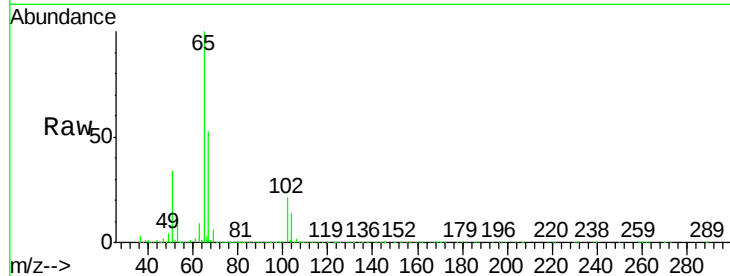
OUTFALL001-190820RE

Tot Ion: 65 Resp: 223087

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

60000

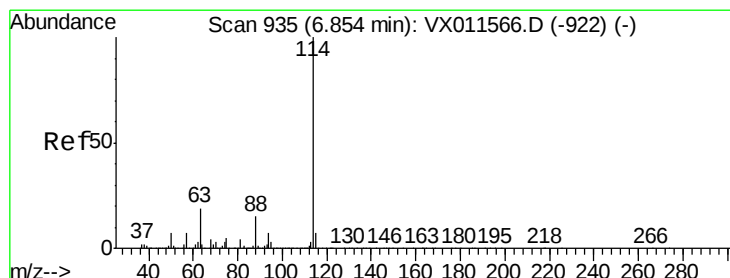
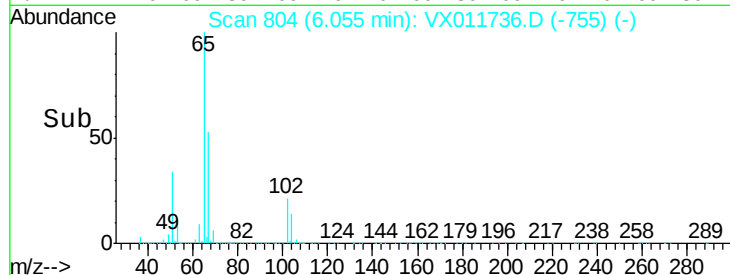
40000

20000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011736.D

Acq: 21 Aug 2019 16:41

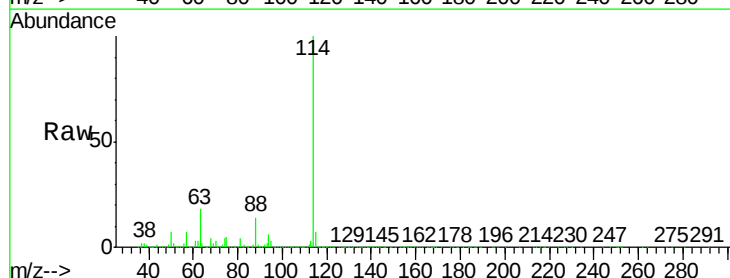
Tgt Ion: 114 Resp: 621091

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.8

88 14.4 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

6.85

300000

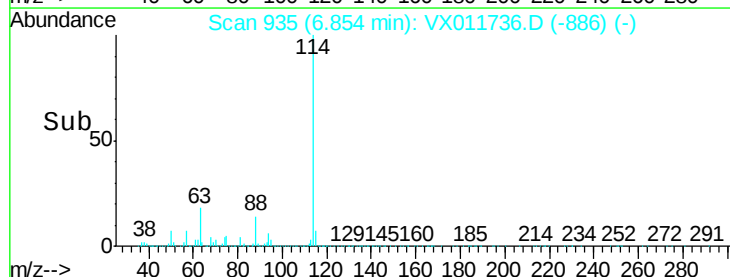
200000

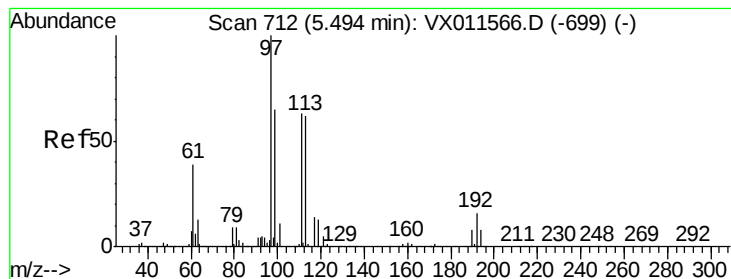
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 46.759 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011736.D

Acq: 21 Aug 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-190820RE

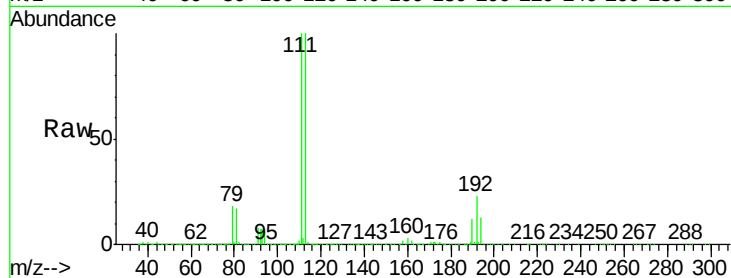
Tot Ion:113 Resp: 189952

Ion Ratio Lower Upper

113 100

111 100.8 81.1 121.7

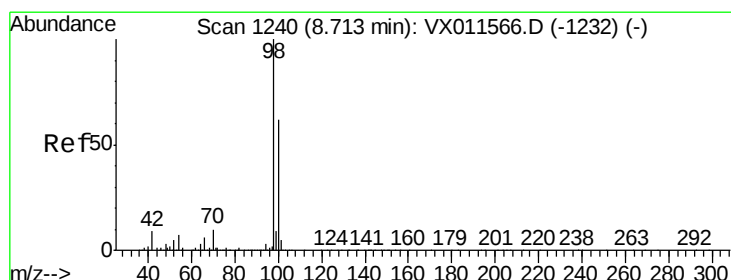
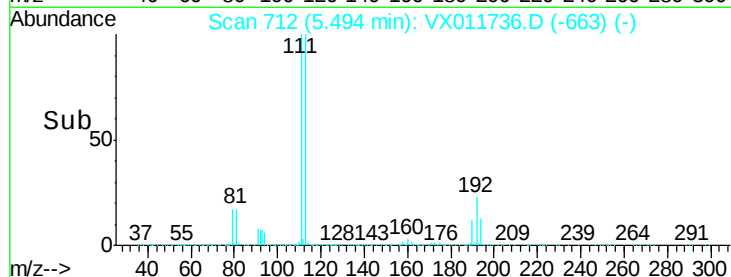
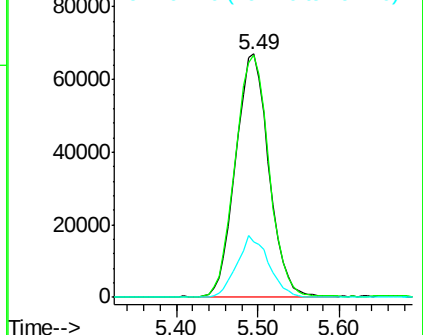
192 24.5 20.8 31.2



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



#50

Toluene-d8

Concen: 57.528 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011736.D

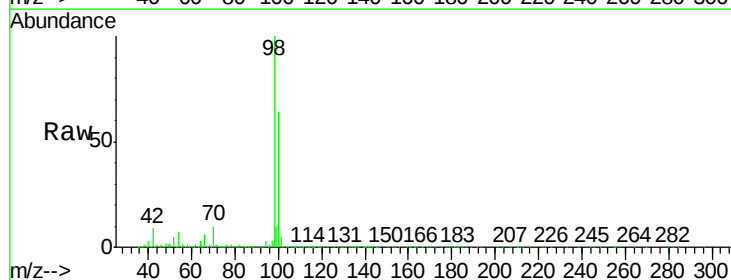
Acq: 21 Aug 2019 16:41

Tgt Ion: 98 Resp: 728170

Ion Ratio Lower Upper

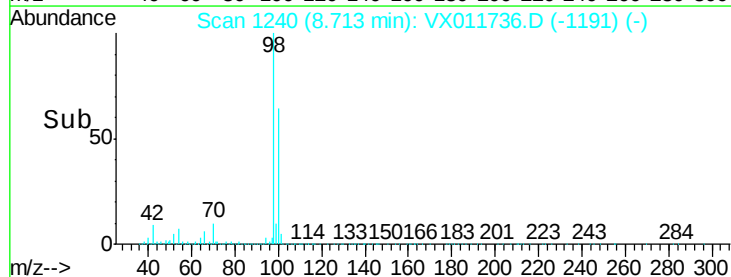
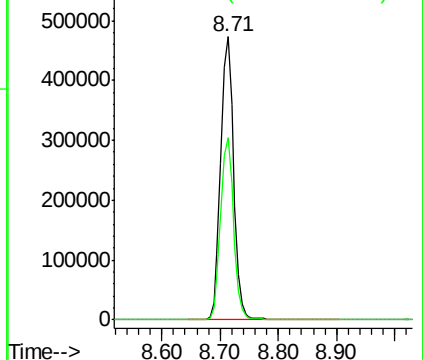
98 100

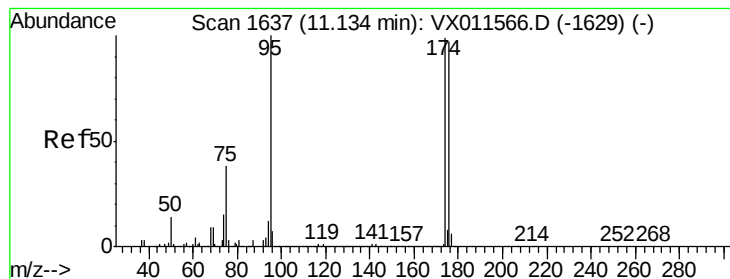
100 64.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.056 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011736.D

Acq: 21 Aug 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-190820RE

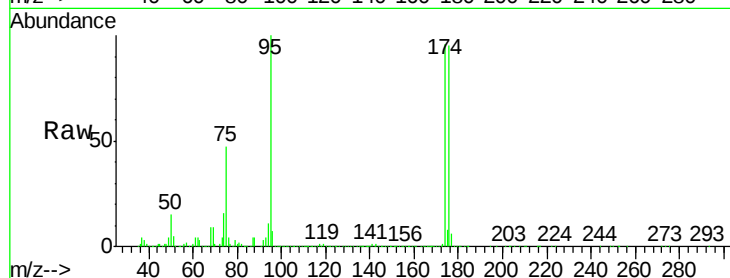
Tot Ion: 95 Resp: 256744

Ion Ratio Lower Upper

95 100

174 98.6 0.0 200.6

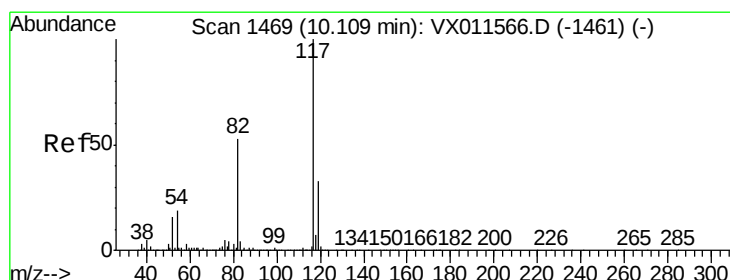
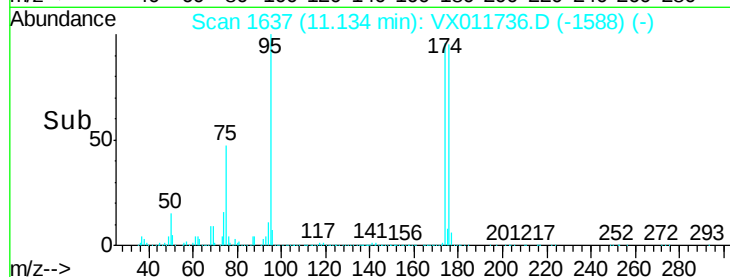
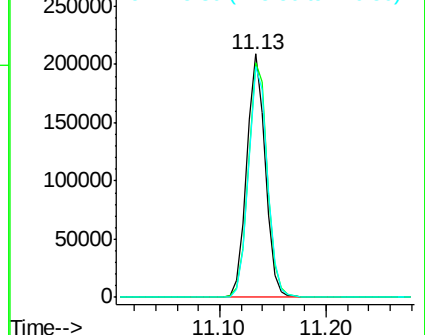
176 97.1 0.0 196.6



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: VX011736.D

Acq: 21 Aug 2019 16:41

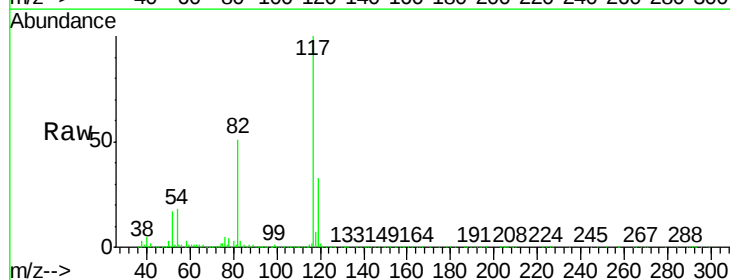
Tgt Ion: 117 Resp: 565999

Ion Ratio Lower Upper

117 100

82 50.4 42.0 63.0

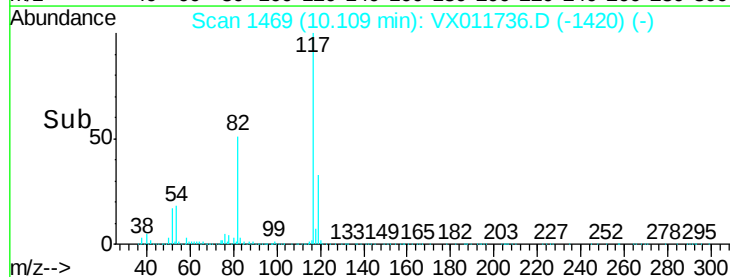
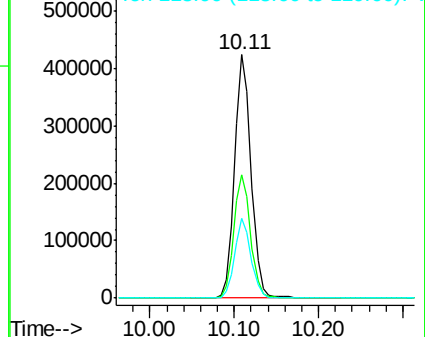
119 32.9 26.5 39.7

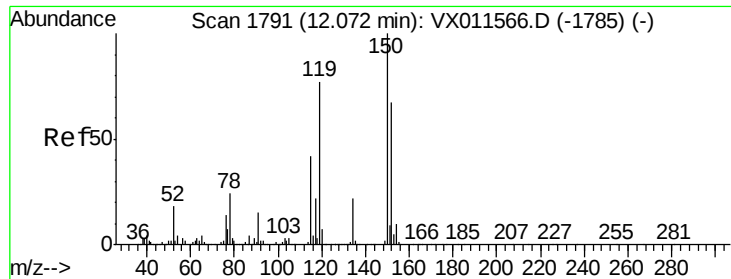


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX011736.D

Acq: 21 Aug 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-190820RE

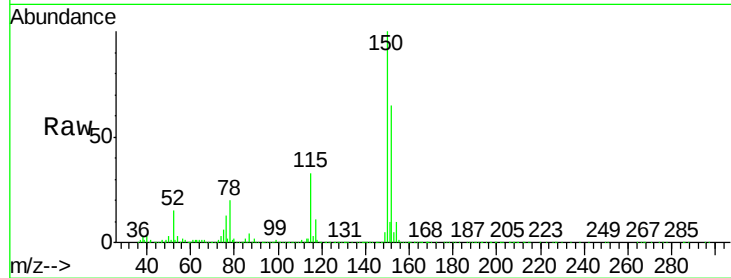
Tot Ion:152 Resp: 268883

Ion Ratio Lower Upper

152 100

115 53.3 37.3 111.9

150 155.2 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

