

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040319\
 Data File : VX008620.D
 Acq On : 03 Apr 2019 18:07
 Operator : JC/SP
 Sample : K2247-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-190402

Quant Time: Apr 04 06:12:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

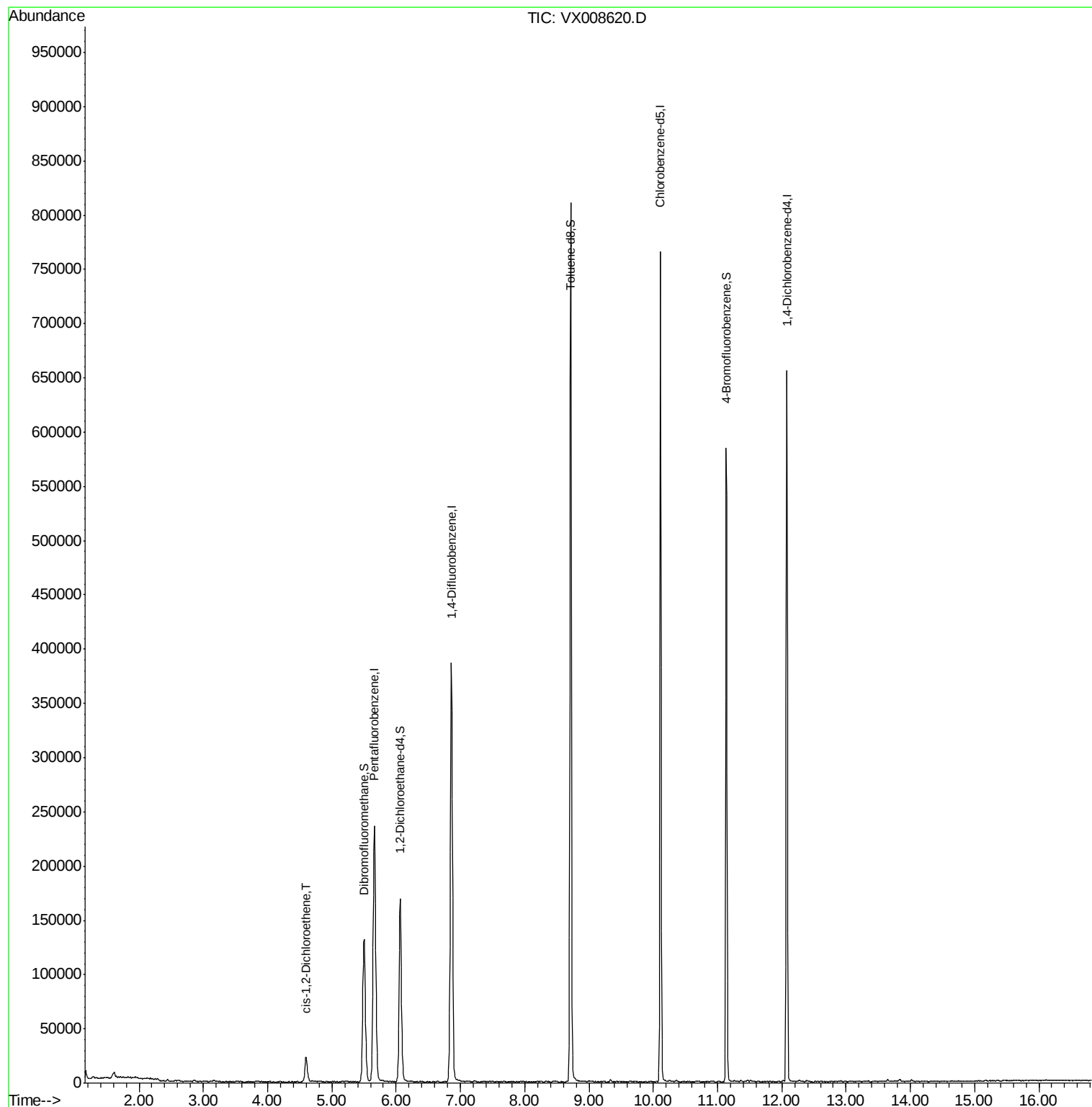
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	224924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	323013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133156	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	156982	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	5.50	113	115129	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
50) Toluene-d8	8.71	98	467034	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.13	95	158754	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	13703	4.237	ug/l	Qvalue 90

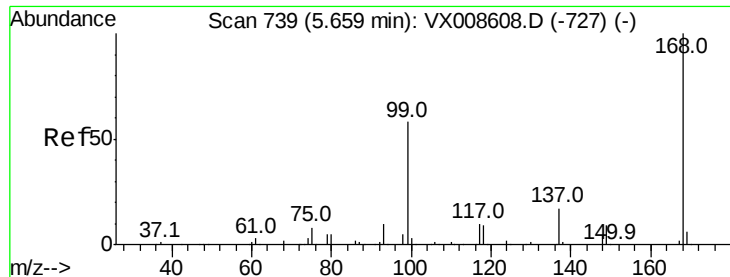
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008620.D

Acq: 03 Apr 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

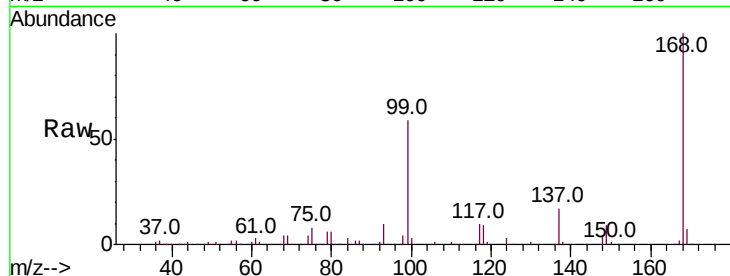
OUTFALL001-190402

Tot Ion:168 Resp: 224924

Ion Ratio Lower Upper

168 100

99 58.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

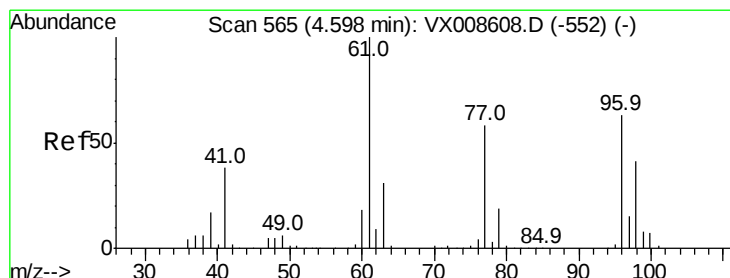
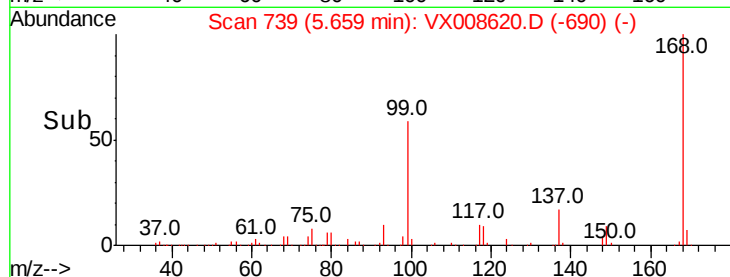
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 4.237 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX008620.D

Acq: 03 Apr 2019 18:07

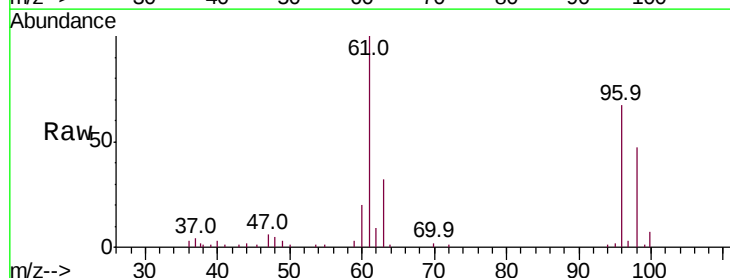
Tgt Ion: 96 Resp: 13703

Ion Ratio Lower Upper

96 100

61 147.6 0.0 327.6

98 67.3 0.0 128.6



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

8000

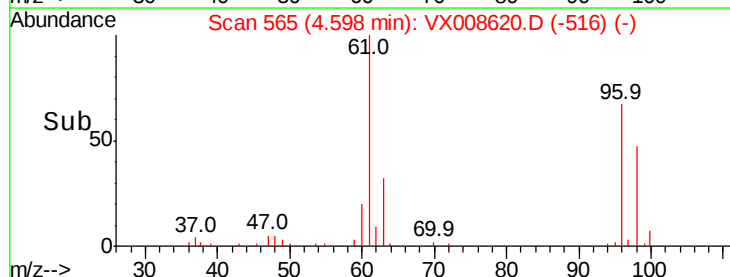
6000

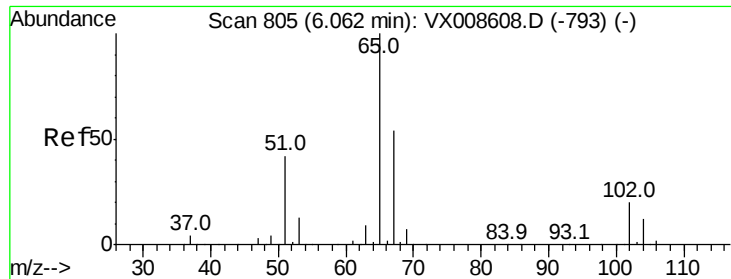
4000

2000

0

Time--> 4.50 4.60 4.70

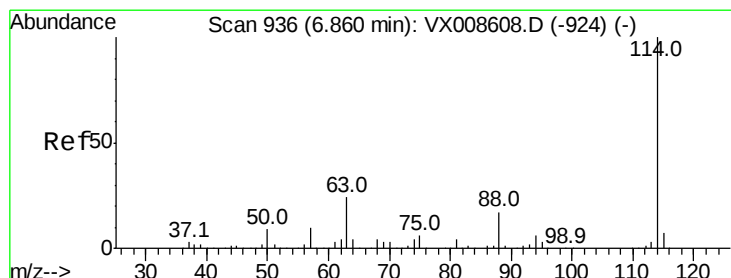
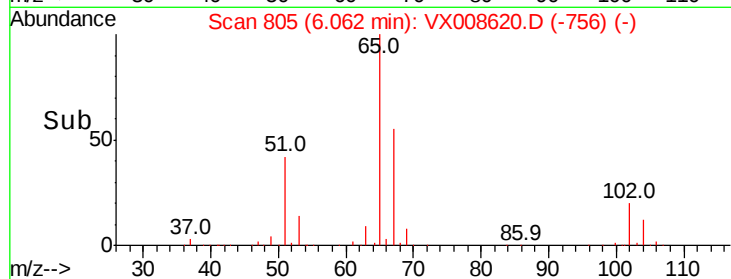
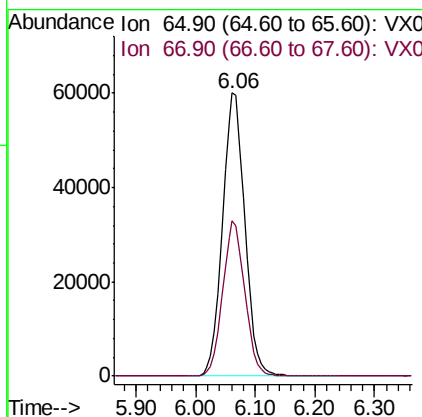
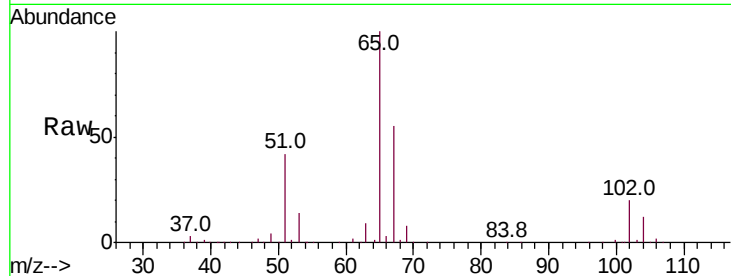




#33
 1,2-Dichloroethane-d4
 Concen: 47.851 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008620.D
 Acq: 03 Apr 2019 18:07

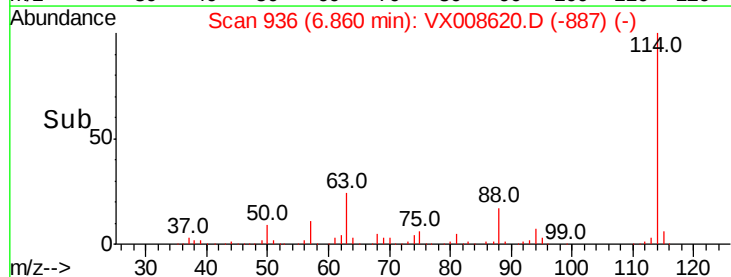
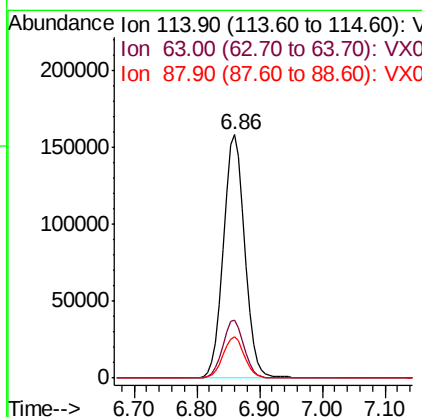
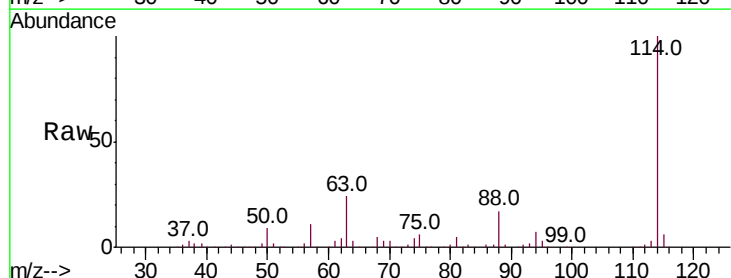
Instrument :
 MSVOA_X
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 OUTFALL001-190402

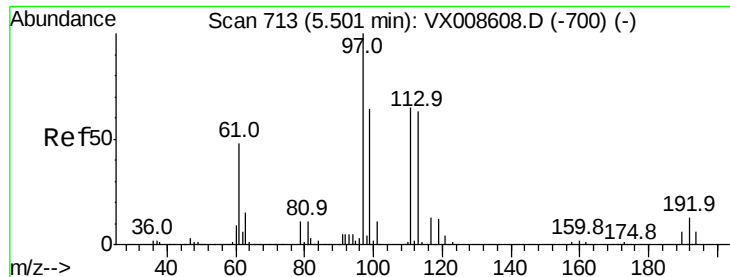
Tot Ion: 65 Resp: 156982
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008620.D
 Acq: 03 Apr 2019 18:07

Tgt Ion:114 Resp: 373943
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 47.2
 88 16.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 48.154 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008620.D

Acq: 03 Apr 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-190402

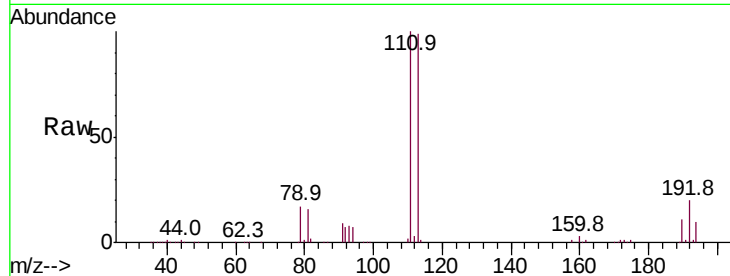
Tot Ion:113 Resp: 115129

Ion Ratio Lower Upper

113 100

111 101.0 83.4 125.2

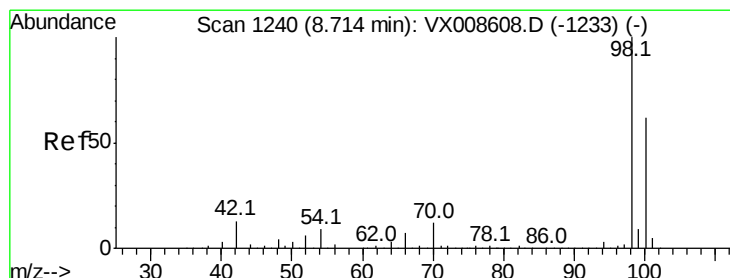
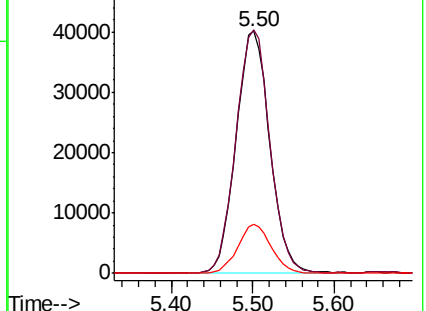
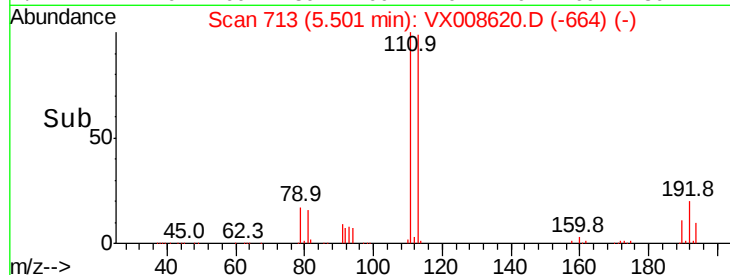
192 19.9 16.1 24.1



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: 49.060 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008620.D

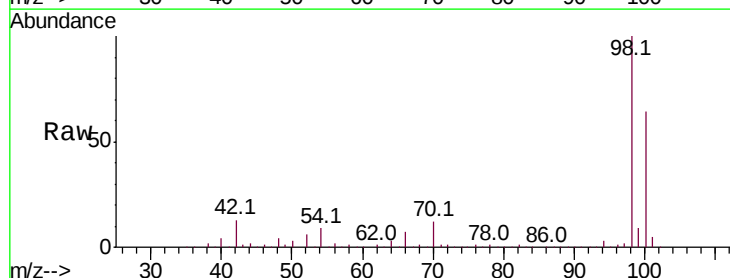
Acq: 03 Apr 2019 18:07

Tgt Ion: 98 Resp: 467034

Ion Ratio Lower Upper

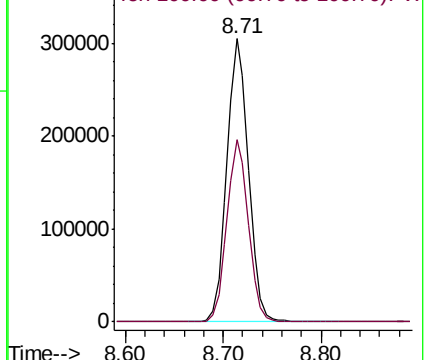
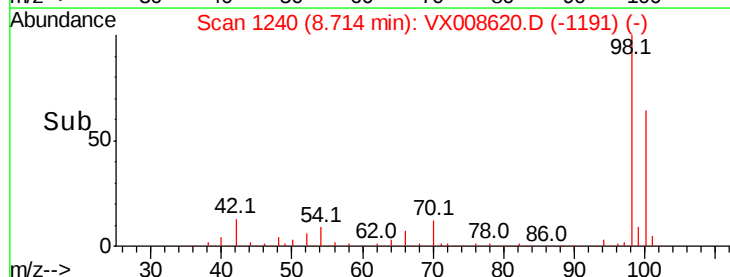
98 100

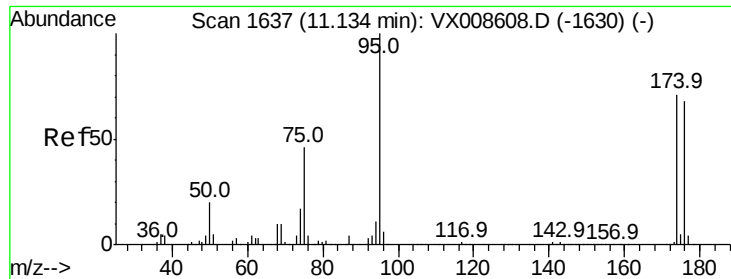
100 63.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.026 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008620.D

Acq: 03 Apr 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-190402

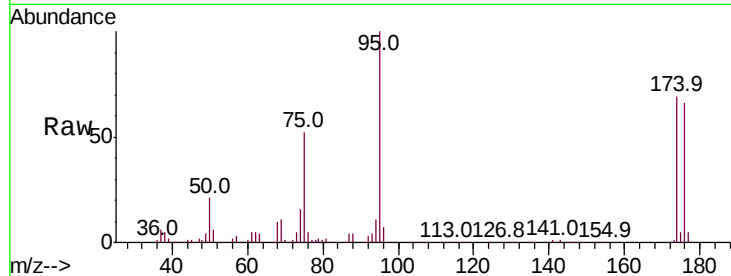
Tot Ion: 95 Resp: 158754

Ion Ratio Lower Upper

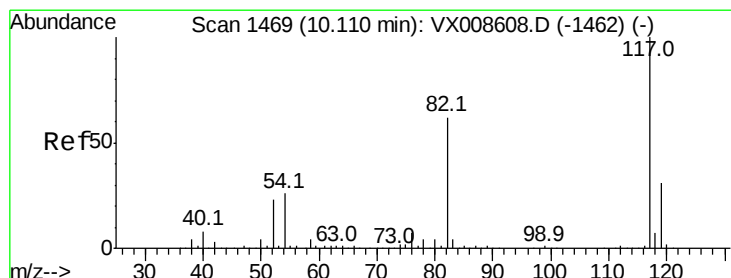
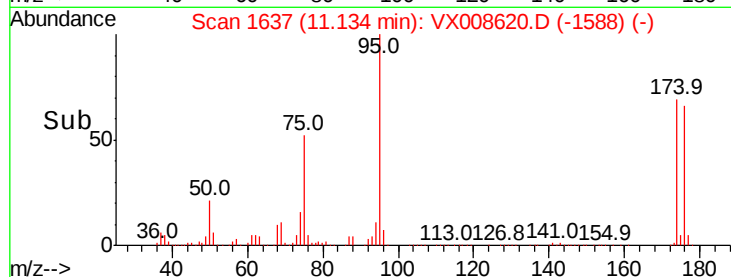
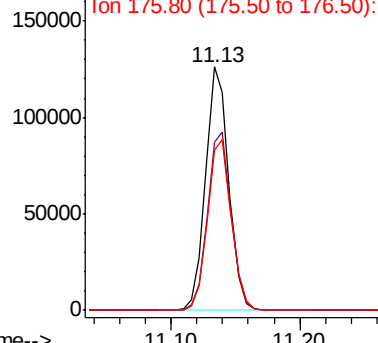
95 100

174 74.4 0.0 151.8

176 71.7 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008620.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008620.D

Acq: 03 Apr 2019 18:07

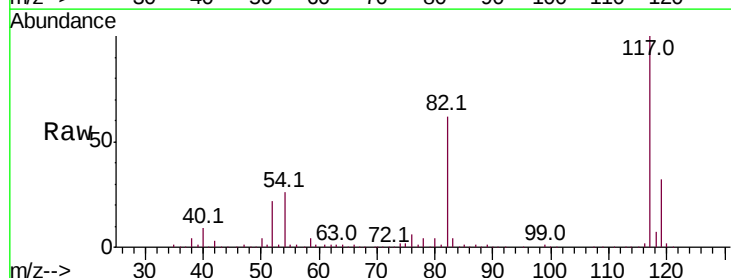
Tgt Ion: 117 Resp: 323013

Ion Ratio Lower Upper

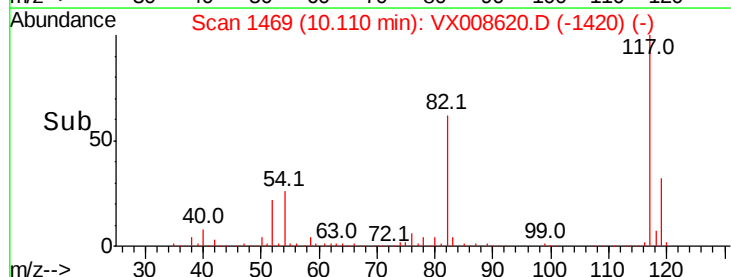
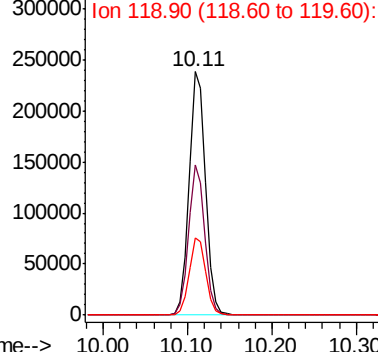
117 100

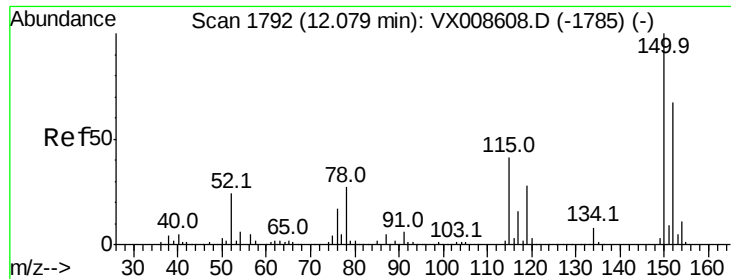
82 61.9 49.6 74.4

119 31.9 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): VX008620.D (-1420) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008620.D
 Acq: 03 Apr 2019 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-190402

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.4	43.5	130.5
150	156.3	0.0	348.8

