

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011368.D
 Acq On : 07 Aug 2019 17:17
 Operator : JC/SP
 Sample : K4222-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-190806

Quant Time: Aug 08 07:43:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

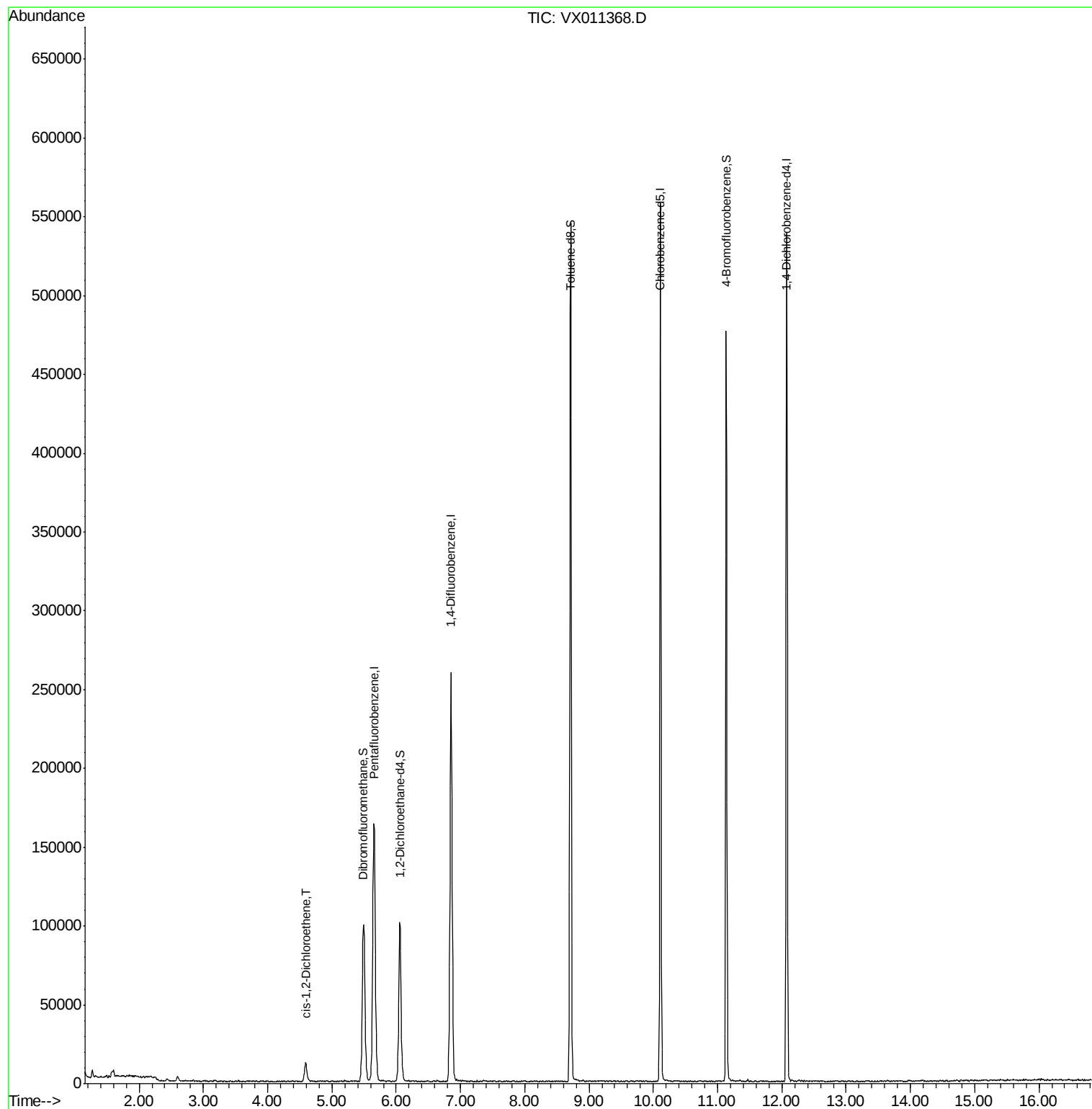
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264477	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	93537	56.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.82%	
35) Dibromofluoromethane	5.49	113	85695	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
50) Toluene-d8	8.71	98	322919	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.13	95	114127	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	7527	4.160	ug/l	Qvalue 95

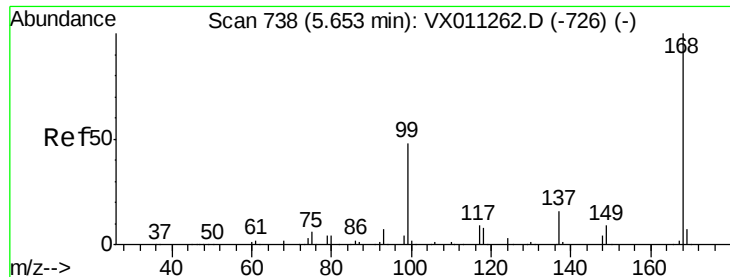
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011368.D

Acq: 07 Aug 2019 17:17

Instrument :

MSVOA_X

ClientSampleId :

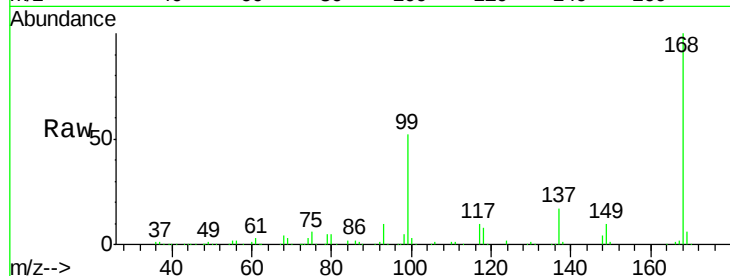
OUTFALL001-190806

Tot Ion:168 Resp: 163204

Ion Ratio Lower Upper

168 100

99 52.2 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

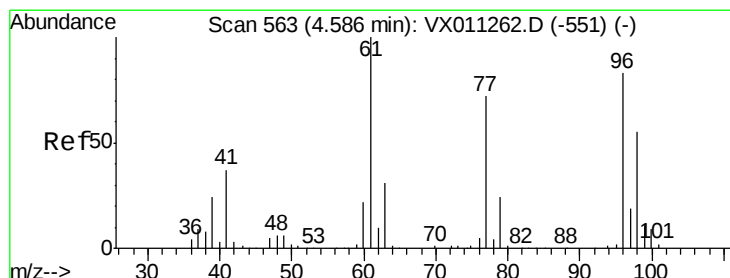
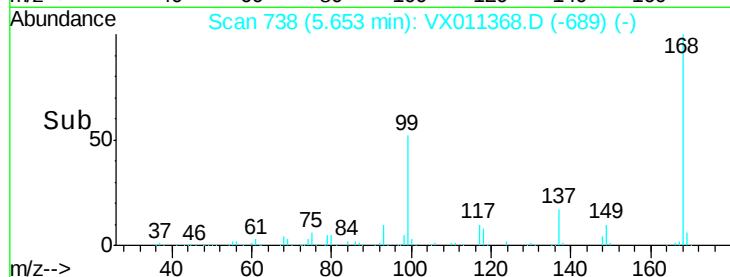
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 4.160 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX011368.D

Acq: 07 Aug 2019 17:17

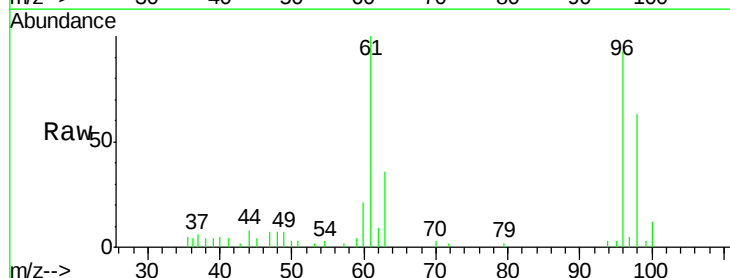
Tgt Ion: 96 Resp: 7527

Ion Ratio Lower Upper

96 100

61 121.4 0.0 260.2

98 67.1 0.0 133.2



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

4000

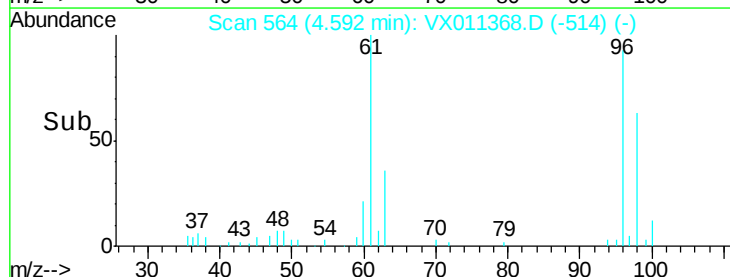
3000

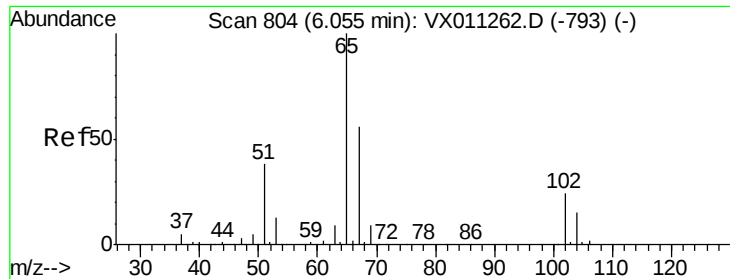
2000

1000

0

Time--> 4.50 4.60 4.70

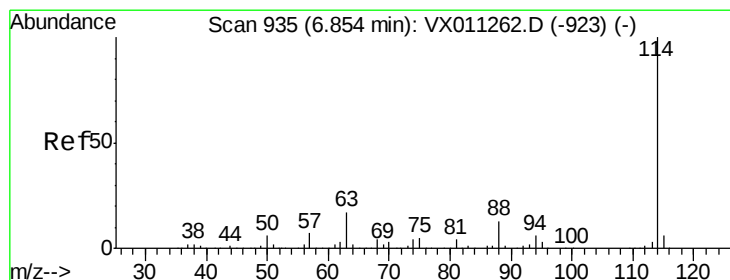
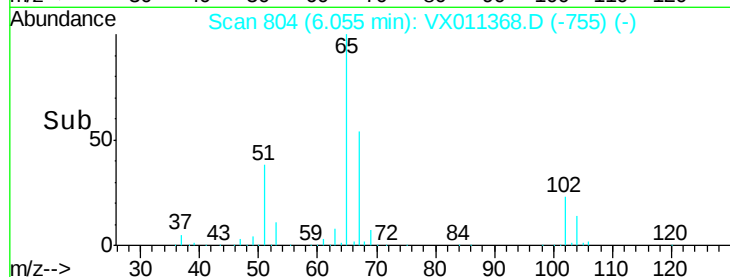
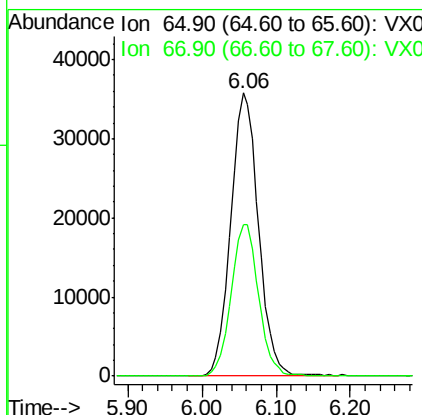
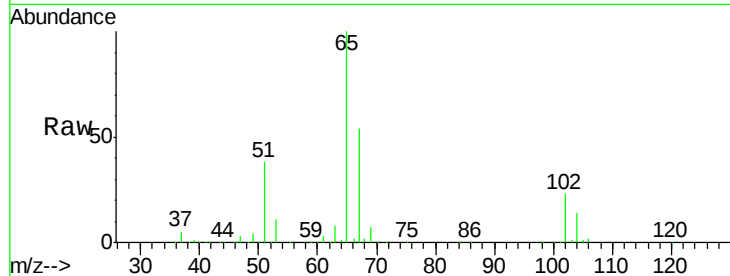




#33
 1,2-Dichloroethane-d4
 Concen: 56.911 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011368.D
 Acq: 07 Aug 2019 17:17

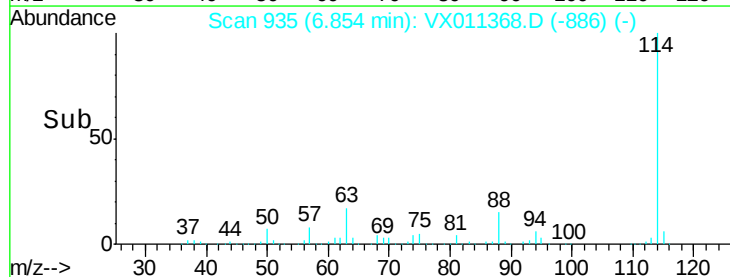
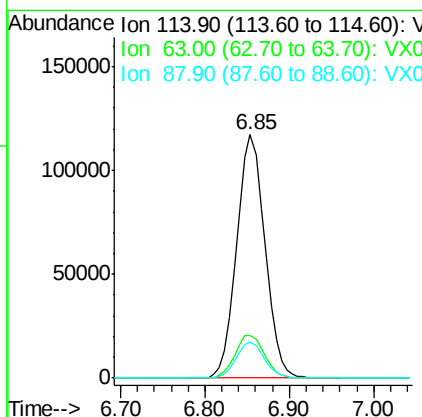
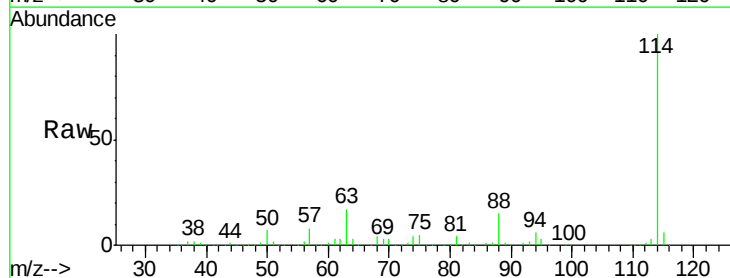
Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-190806

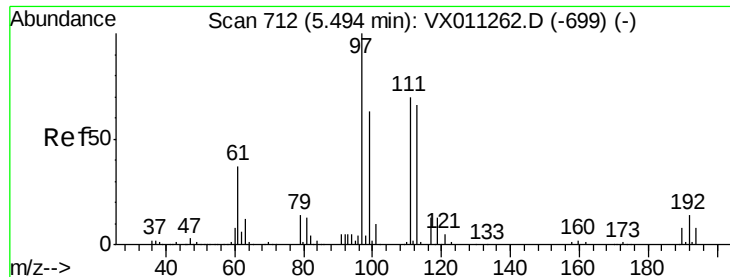
Tot Ion: 65 Resp: 93537
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011368.D
 Acq: 07 Aug 2019 17:17

Tgt Ion: 114 Resp: 264477
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.0
 88 14.7 0.0 26.4





#35

Dibromofluoromethane

Concen: 49.629 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011368.D

Acq: 07 Aug 2019 17:17

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-190806

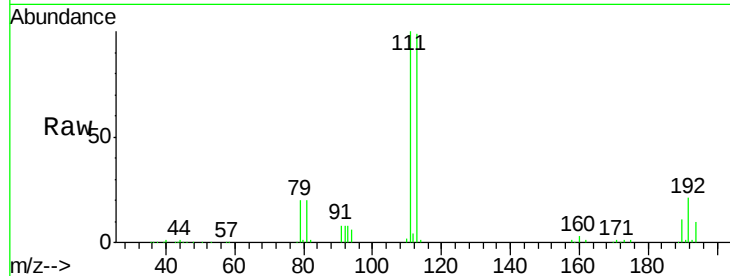
Tot Ion:113 Resp: 85695

Ion Ratio Lower Upper

113 100

111 100.8 81.9 122.9

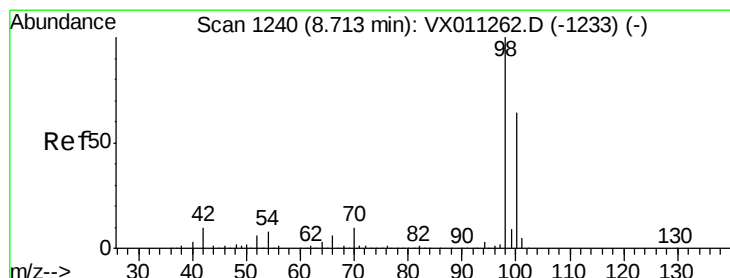
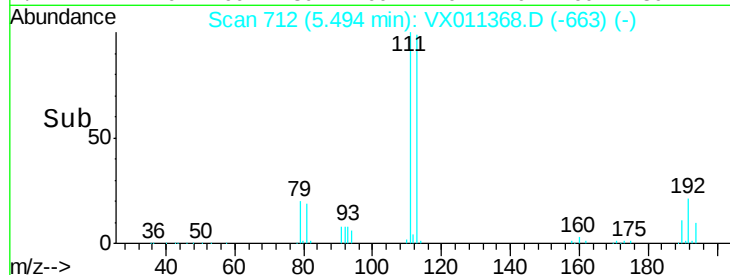
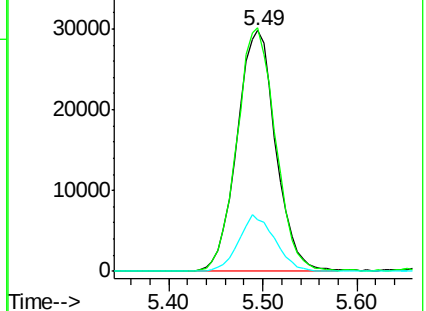
192 22.1 17.8 26.8



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: 49.544 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011368.D

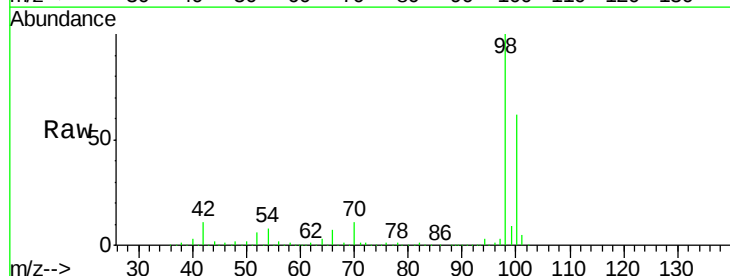
Acq: 07 Aug 2019 17:17

Tgt Ion: 98 Resp: 322919

Ion Ratio Lower Upper

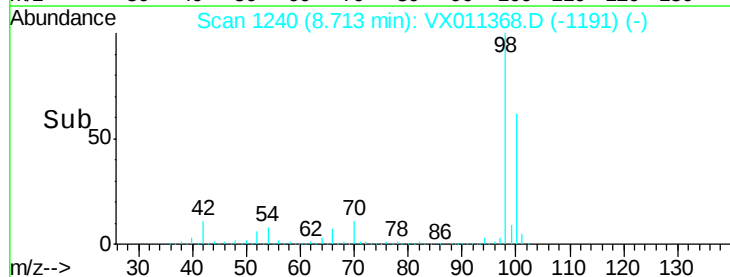
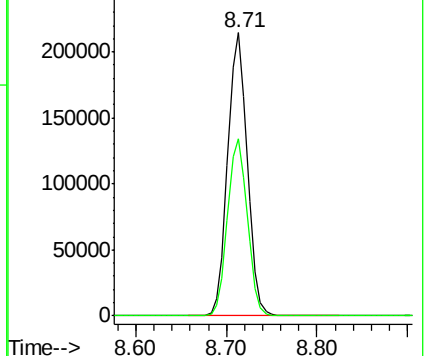
98 100

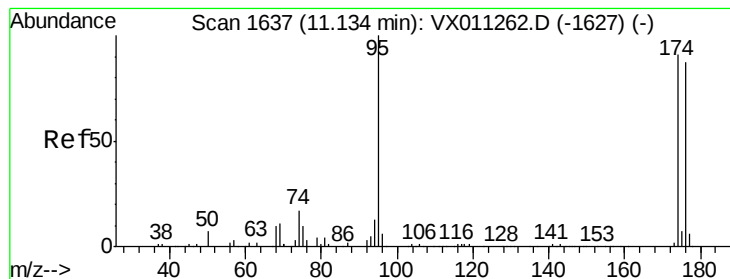
100 63.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.044 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011368.D

Acq: 07 Aug 2019 17:17

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-190806

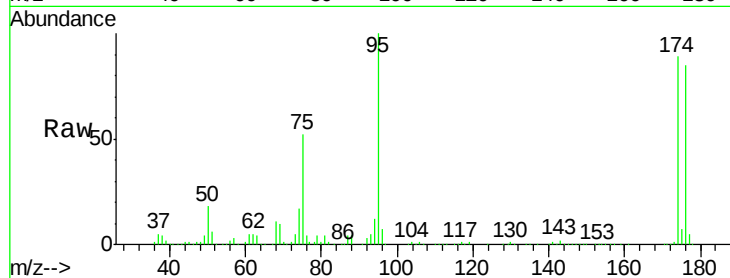
Tot Ion: 95 Resp: 114127

Ion Ratio Lower Upper

95 100

174 91.8 0.0 191.2

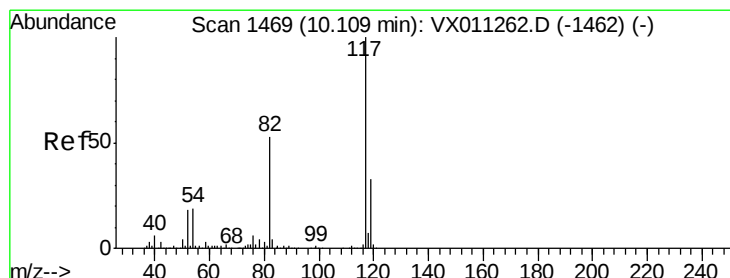
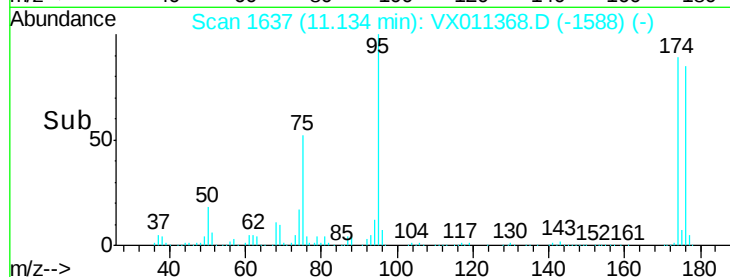
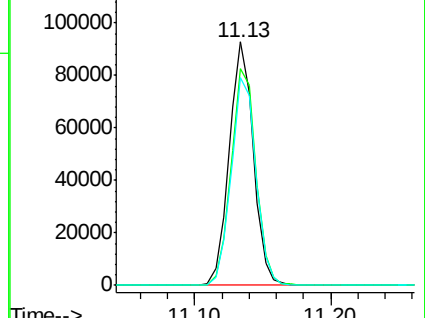
176 87.9 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX011262.D (-1627) (-)

Ion 173.80 (173.50 to 174.50): VX011262.D (-1627) (-)

Ion 175.80 (175.50 to 176.50): VX011262.D (-1627) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011368.D

Acq: 07 Aug 2019 17:17

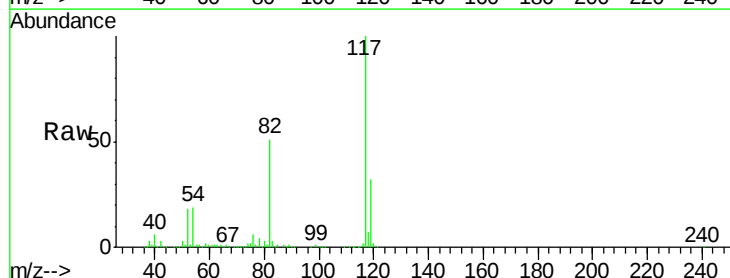
Tgt Ion: 117 Resp: 252733

Ion Ratio Lower Upper

117 100

82 50.6 42.2 63.2

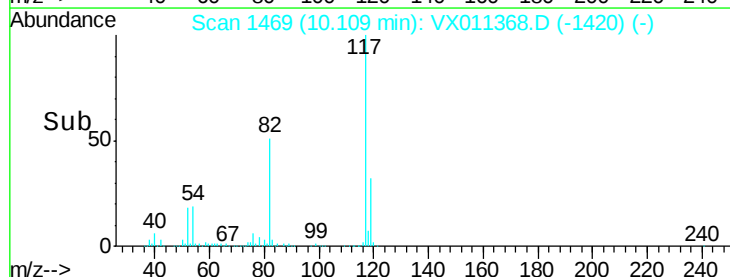
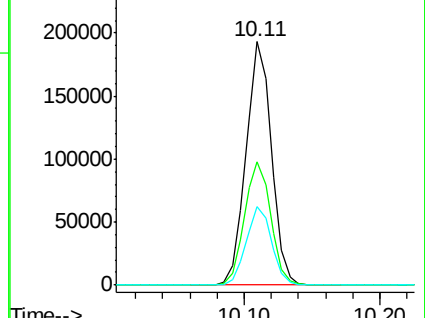
119 32.4 26.6 39.8

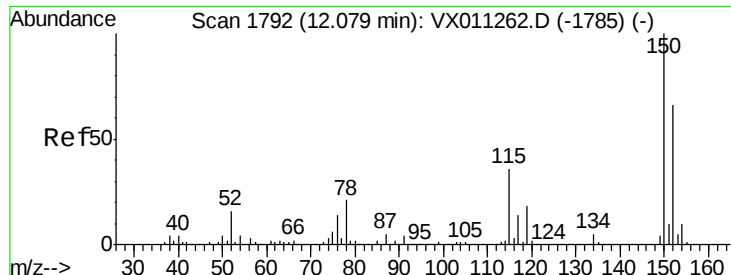


Abundance Ion 116.90 (116.60 to 117.60): VX011262.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011262.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011262.D (-1462) (-)

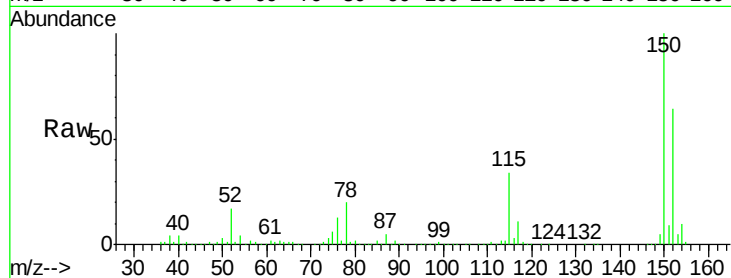




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011368.D
 Acq: 07 Aug 2019 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-190806

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.6	40.0	119.9
150	157.1	0.0	350.4



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

