

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014095.D
 Acq On : 18 Dec 2019 14:37
 Operator : JC/SP
 Sample : K6365-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-191217

Quant Time: Dec 19 03:12:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

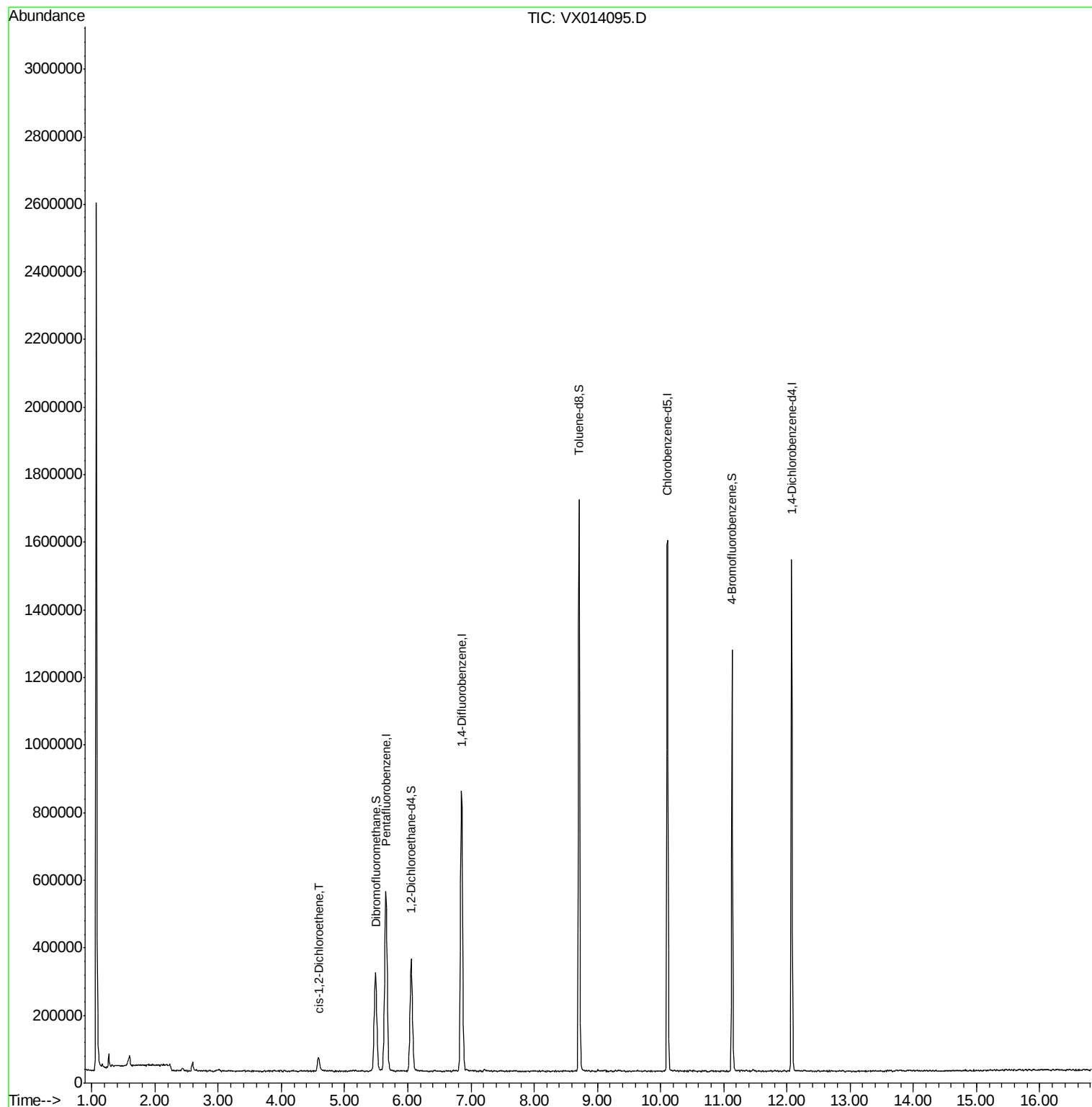
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	554593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	849112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	751711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	315120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	306916	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
35) Dibromofluoromethane	5.49	113	255382	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
50) Toluene-d8	8.71	98	996453	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	327600	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.20%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	25492	3.835	ug/l	Qvalue 89

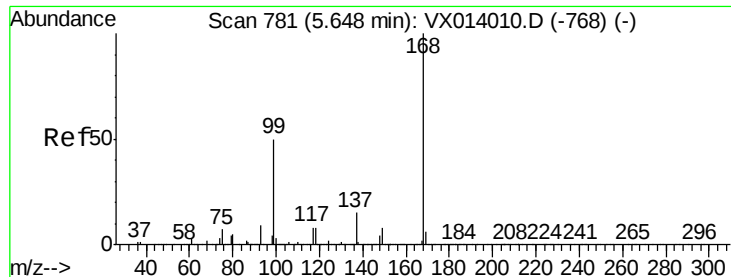
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014095.D

Acq: 18 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

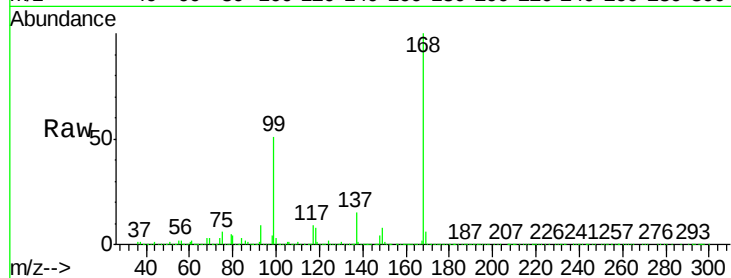
OUTFALL001-191217

Tot Ion:168 Resp: 554593

Ion Ratio Lower Upper

168 100

99 50.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

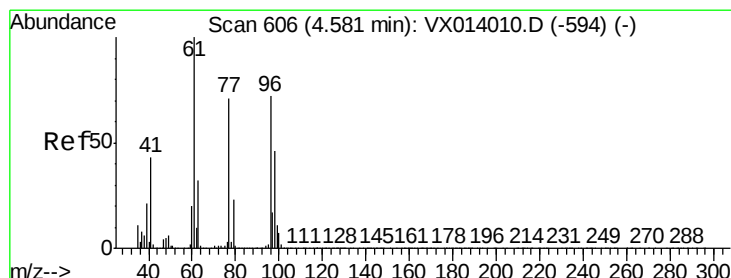
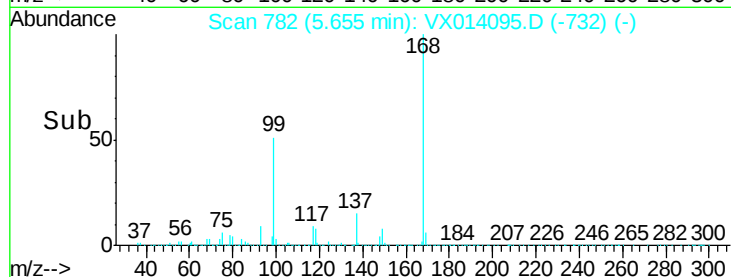
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 3.835 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX014095.D

Acq: 18 Dec 2019 14:37

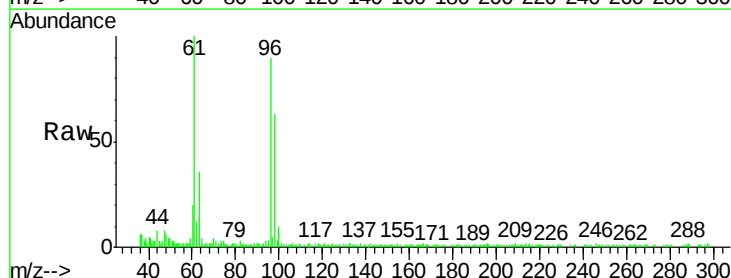
Tgt Ion: 96 Resp: 25492

Ion Ratio Lower Upper

96 100

61 124.3 0.0 288.4

98 65.2 0.0 129.6



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

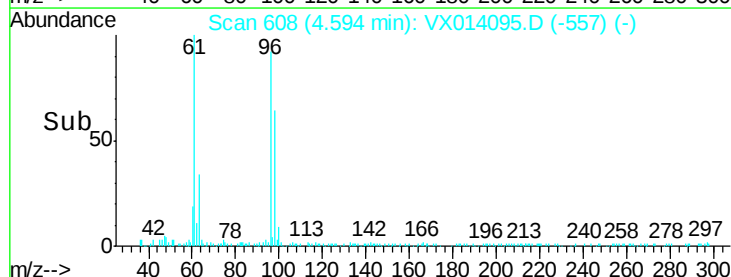
15000

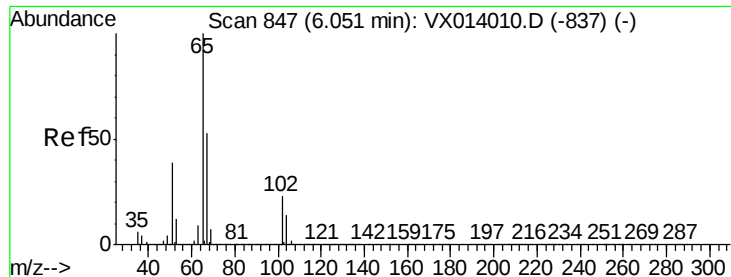
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.829 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014095.D

Acq: 18 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

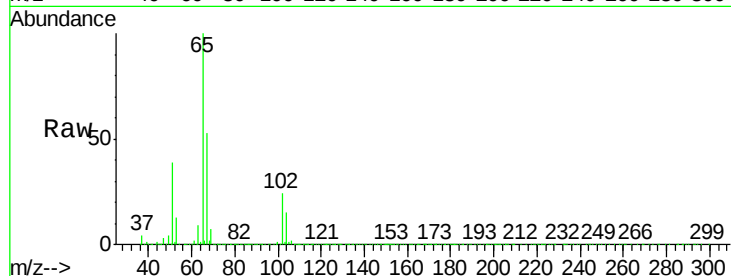
OUTFALL001-191217

Tot Ion: 65 Resp: 306916

Ion Ratio Lower Upper

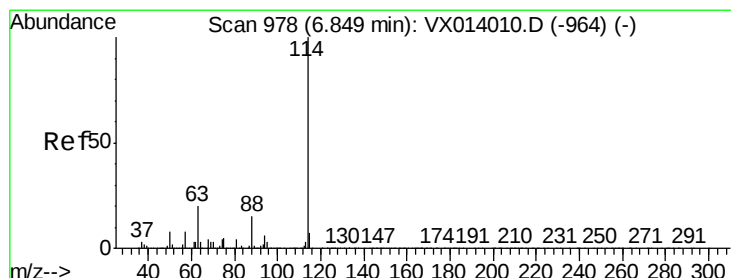
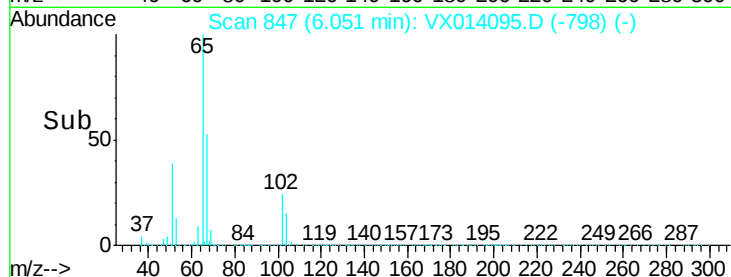
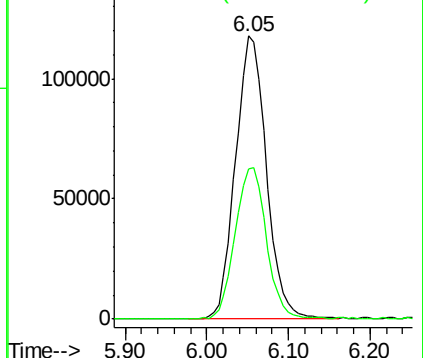
65 100

67 54.8 0.0 106.4



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# 978

Delta R.T. 0.00 min

Lab File: VX014095.D

Acq: 18 Dec 2019 14:37

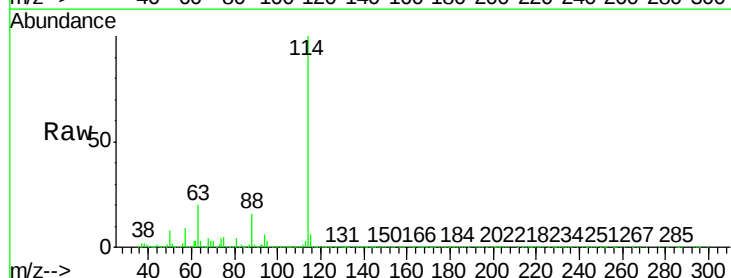
Tgt Ion: 114 Resp: 849112

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

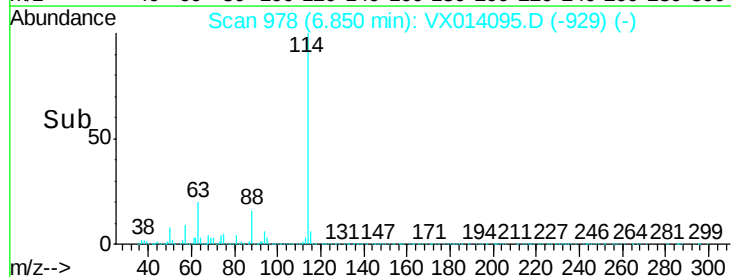
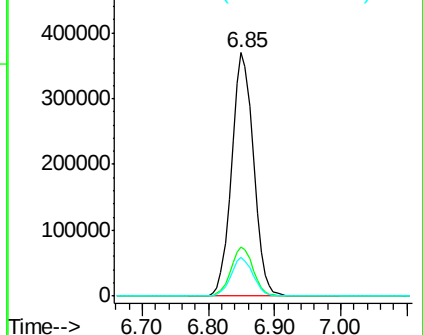
88 15.7 0.0 30.4



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

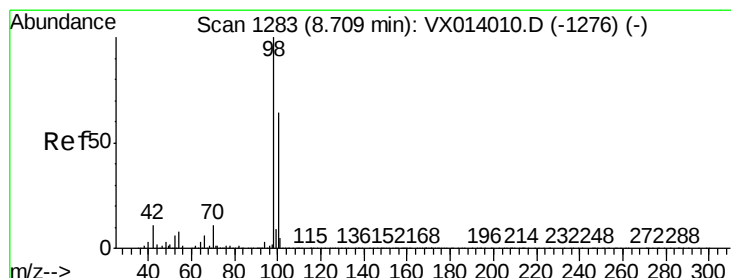
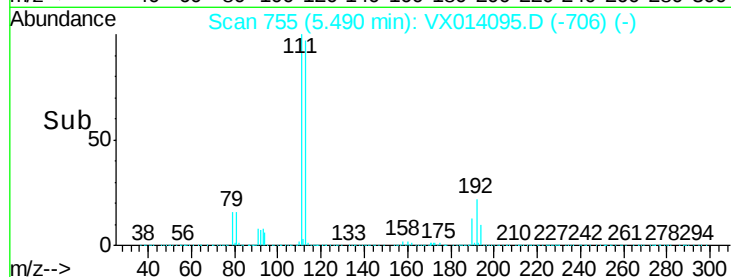
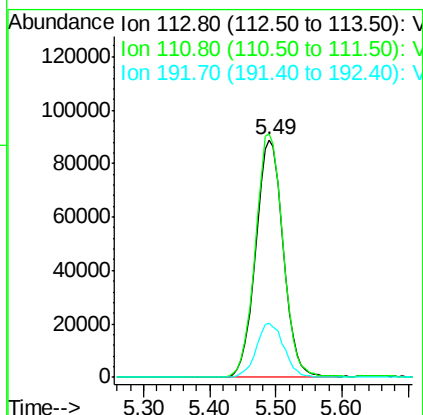
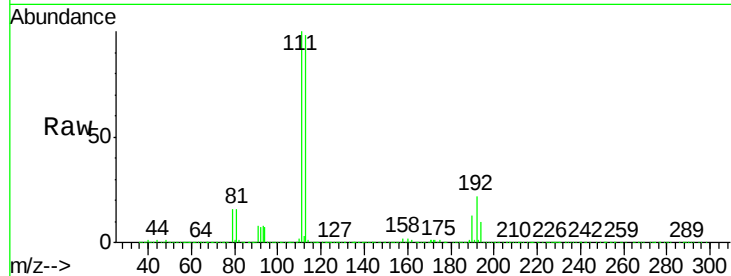




#35
Dibromofluoromethane
Concen: 49.477 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014095.D
Acq: 18 Dec 2019 14:37

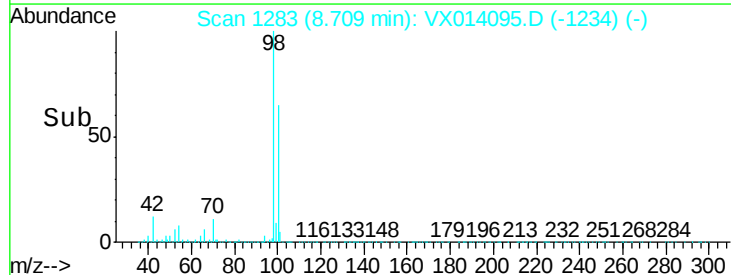
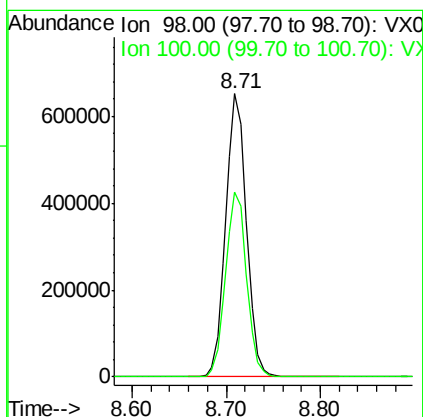
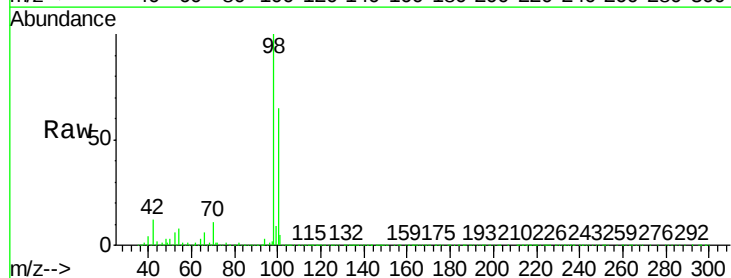
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-191217

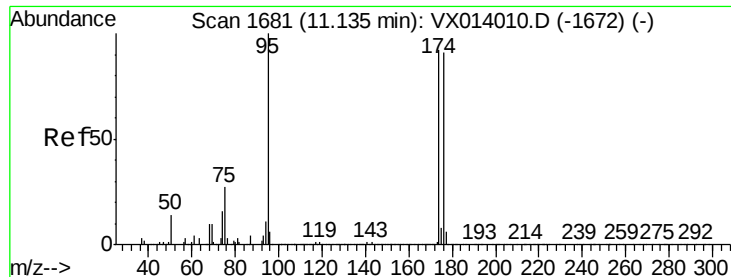
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	23.0	19.3	28.9



#50
Toluene-d8
Concen: 49.586 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014095.D
Acq: 18 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 44.597 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014095.D

Acq: 18 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-191217

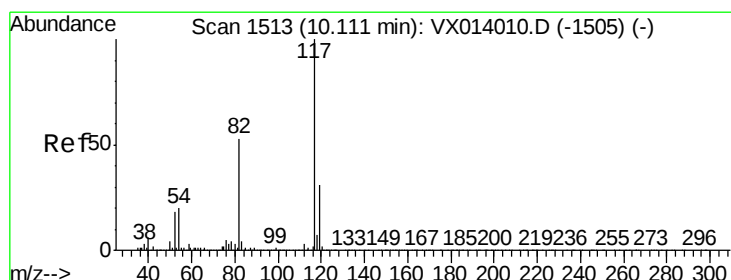
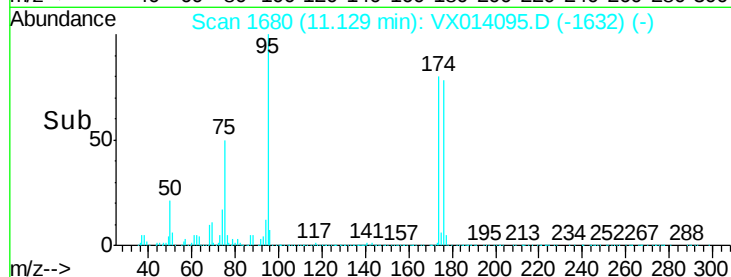
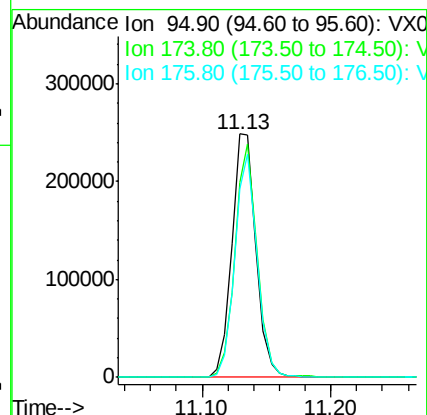
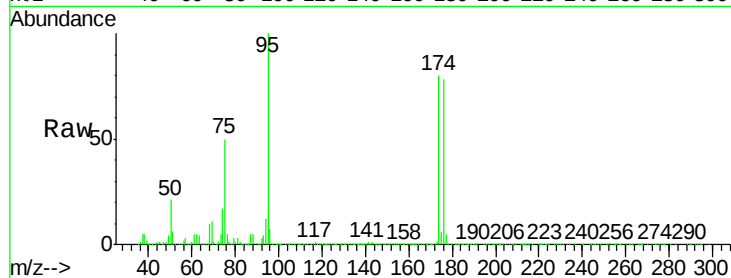
Tot Ion: 95 Resp: 327600

Ion Ratio Lower Upper

95 100

174 88.3 0.0 175.8

176 85.2 0.0 173.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014095.D

Acq: 18 Dec 2019 14:37

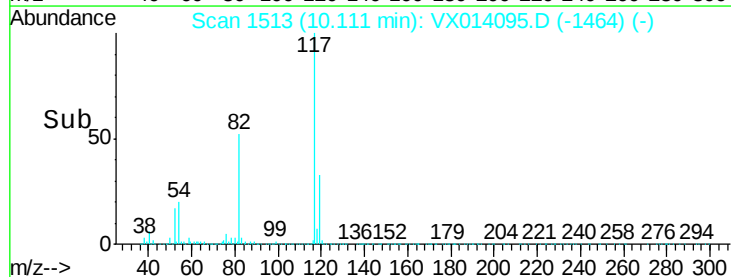
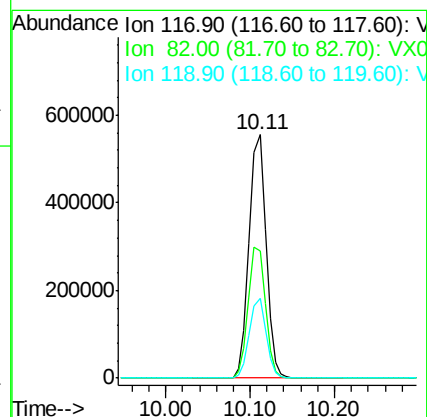
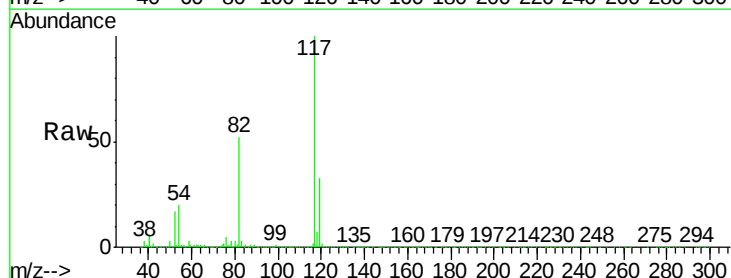
Tgt Ion: 117 Resp: 751711

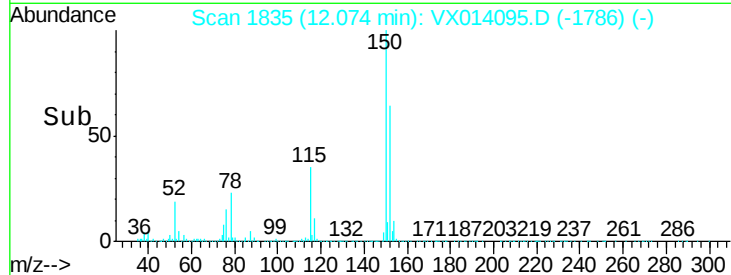
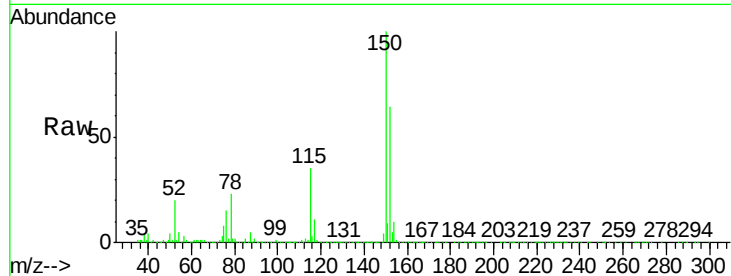
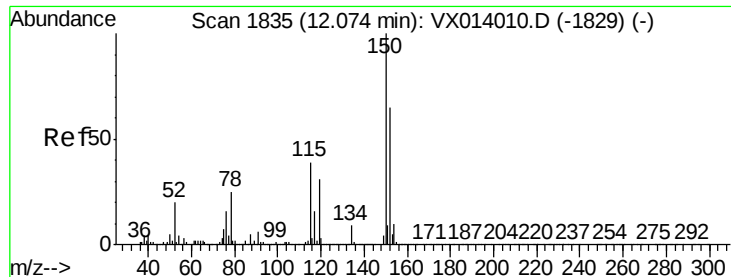
Ion Ratio Lower Upper

117 100

82 52.3 42.2 63.4

119 32.5 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014095.D

Acq: 18 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-191217

Tot Ion:152 Resp: 315120

Ion Ratio Lower Upper

152 100

115 56.2 38.3 114.9

150 159.0 0.0 345.4

