

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080620\
 Data File : VX017804.D
 Acq On : 06 Aug 2020 13:24
 Operator : JC/SP
 Sample : L3570-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-200804

Quant Time: Aug 06 15:42:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

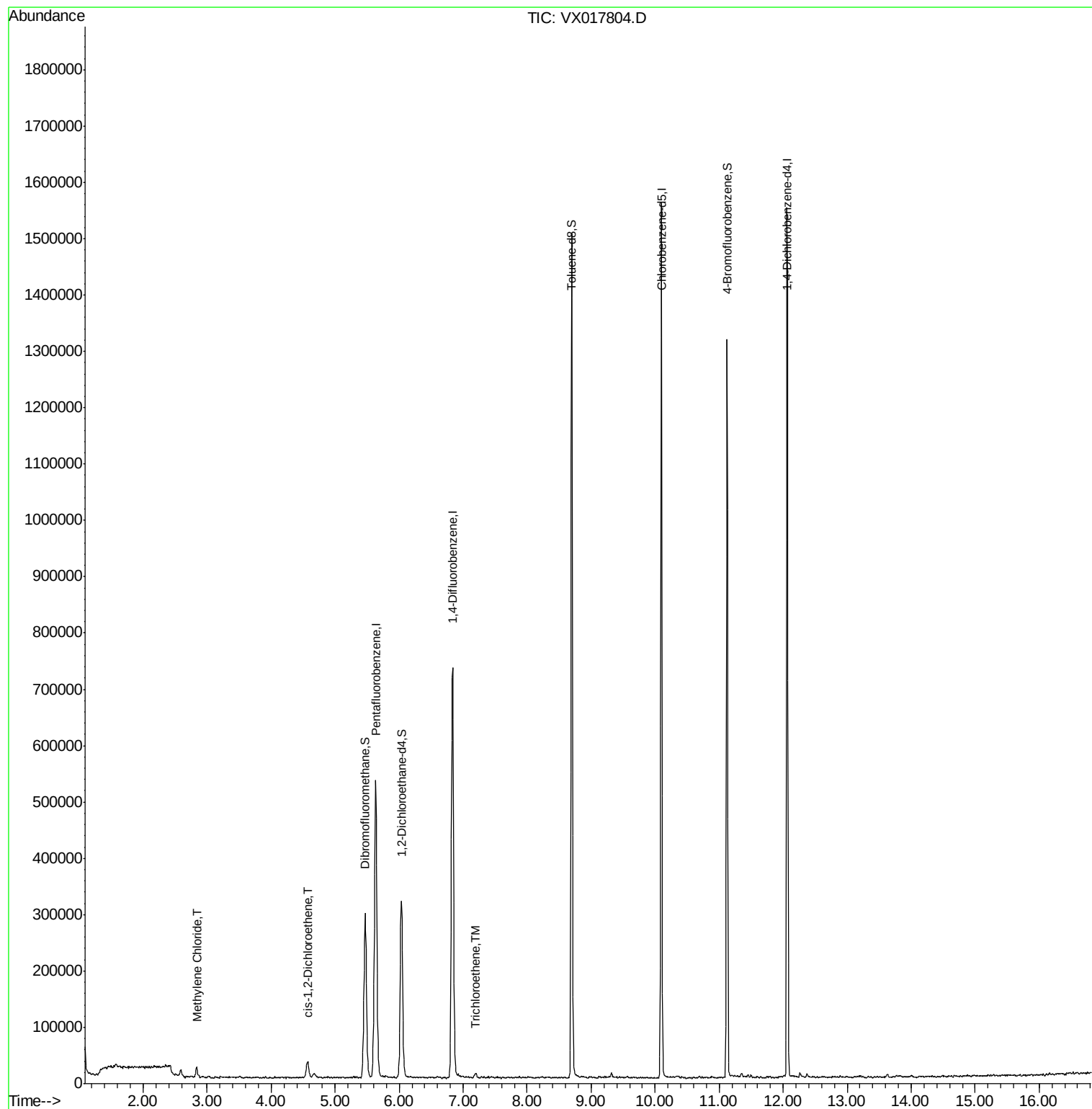
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	483782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	730856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	690475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321559	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	322044	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
35) Dibromofluoromethane	5.47	113	247693	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	8.70	98	879823	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.12	95	320115	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
Target Compounds						
20) Methylene Chloride	2.84	84	9045	0.484	ug/l #	82
27) cis-1,2-Dichloroethene	4.57	96	18855	3.243	ug/l	87
44) Trichloroethene	7.19	130	2742	0.467	ug/l	98

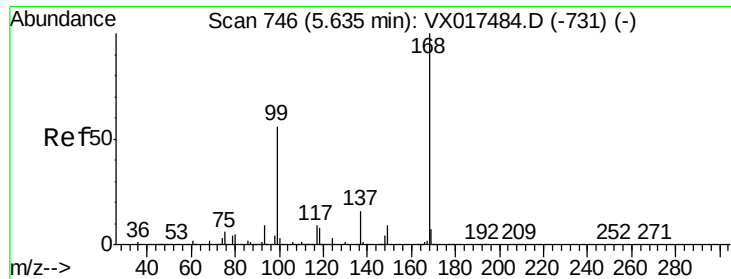
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017804.D

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Instrument :

MSVOA_X

ClientSampleId :

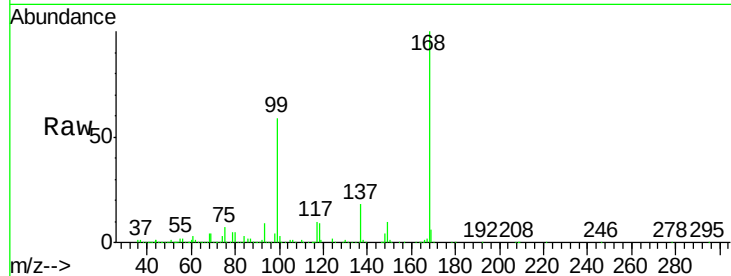
OUTFALL001-200804

Tot Ion:168 Resp: 483782

Ion Ratio Lower Upper

168 100

99 59.1 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

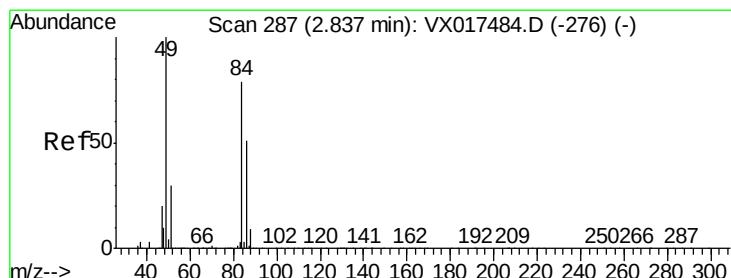
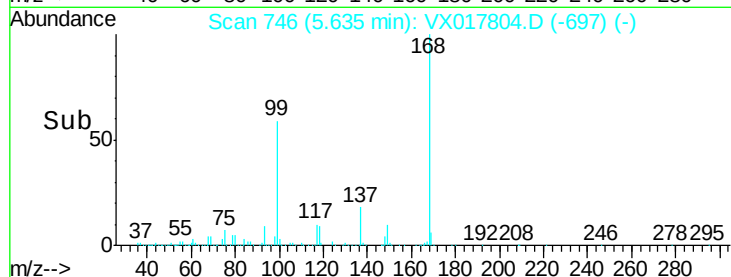
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 0.484 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017804.D

Acq: 06 Aug 2020 13:24

Tgt Ion: 84 Resp: 9045

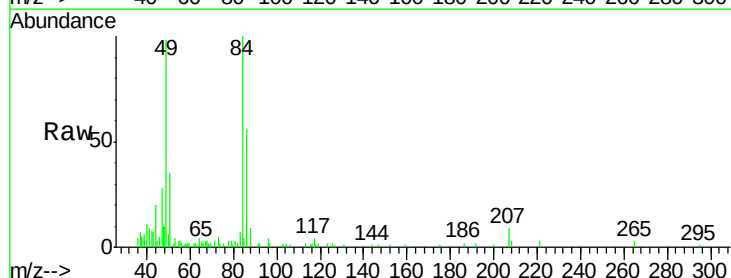
Ion Ratio Lower Upper

84 100

49 98.4 100.3 150.5#

51 32.2 30.5 45.7

86 56.1 51.1 76.7



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

8000

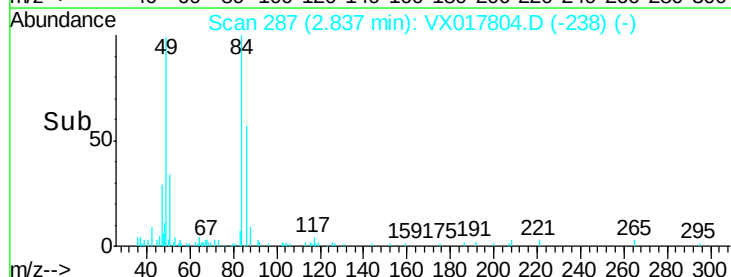
6000

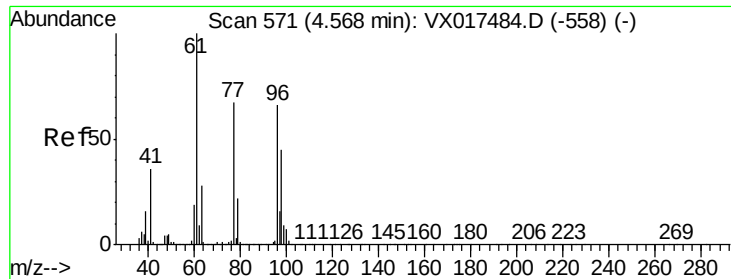
4000

2000

0

Time-->



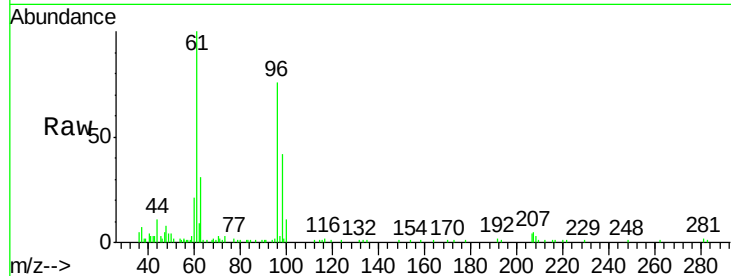


#27

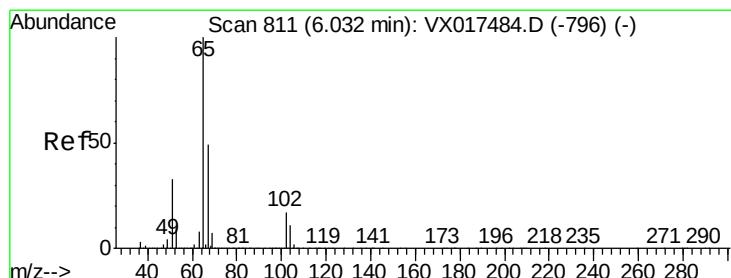
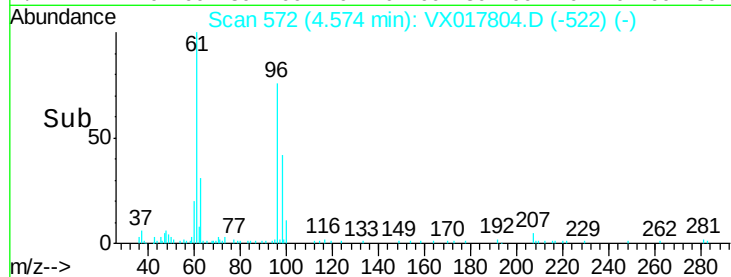
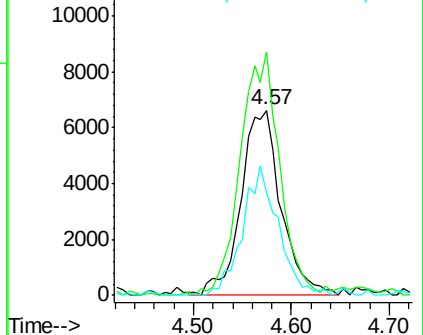
cis-1,2-Dichloroethene
Concen: 3.243 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX017804.D
Acq: 06 Aug 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-200804

Tot Ion	96	Resp	18855
Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	301.2
98	62.2	0.0	130.0



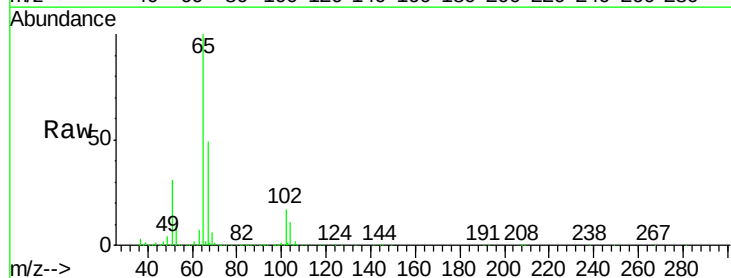
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



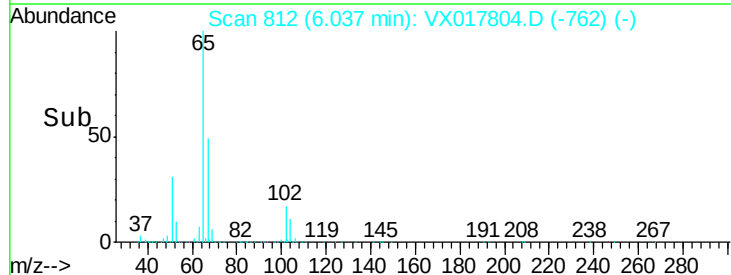
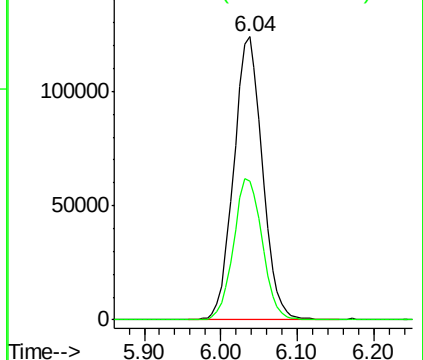
#33

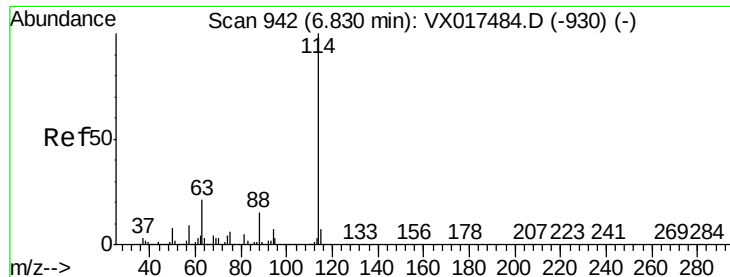
1,2-Dichloroethane-d4
Concen: 51.822 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017804.D
Acq: 06 Aug 2020 13:24

Tgt Ion	65	Resp	322044
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	102.8



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017804.D

Acq: 06 Aug 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-200804

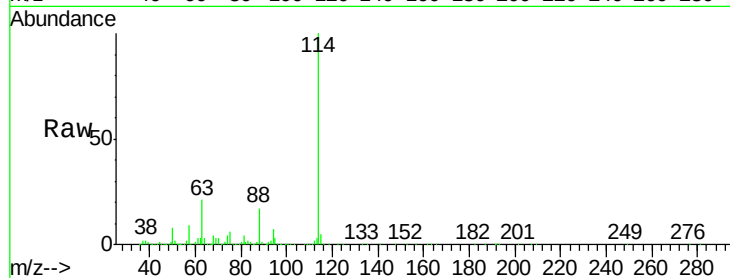
Tot Ion:114 Resp: 730856

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.6

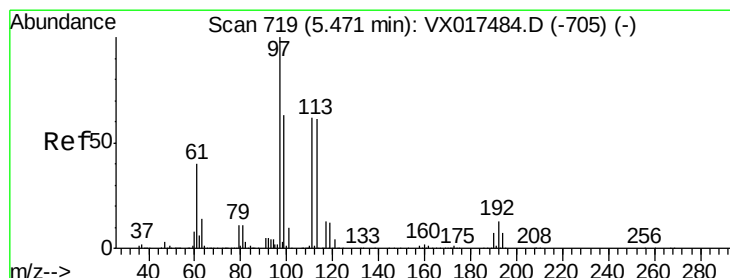
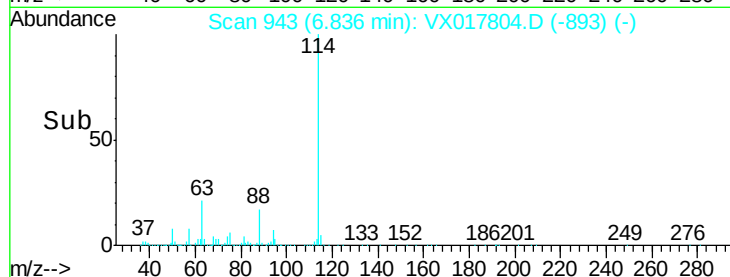
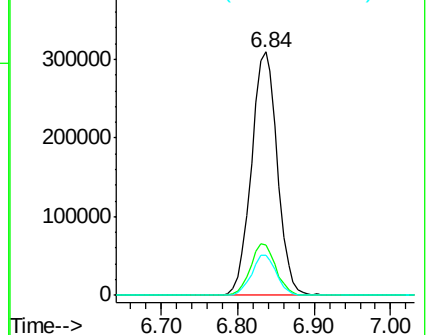
88 16.6 0.0 33.4



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: 50.674 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017804.D

Acq: 06 Aug 2020 13:24

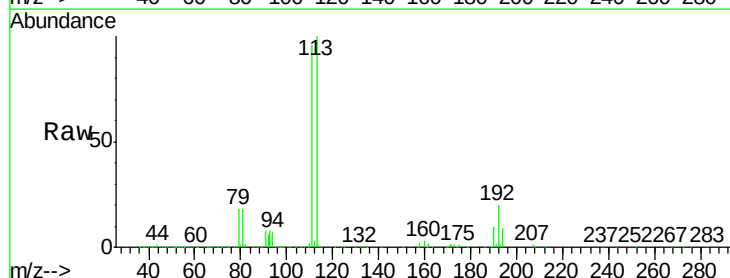
Tgt Ion:113 Resp: 247693

Ion Ratio Lower Upper

113 100

111 101.5 80.7 121.1

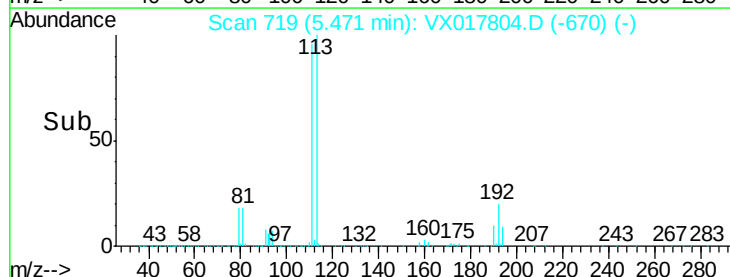
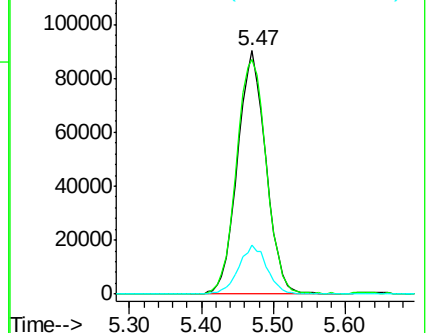
192 19.9 16.9 25.3

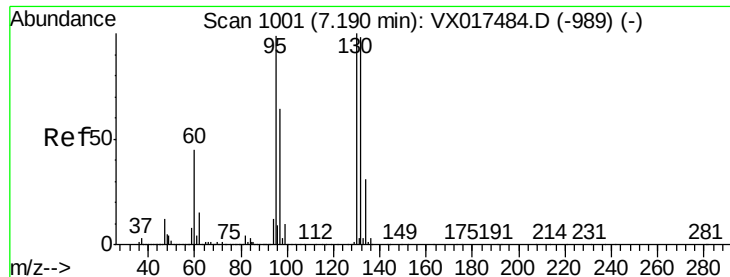


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.467 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017804.D

Acq: 06 Aug 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

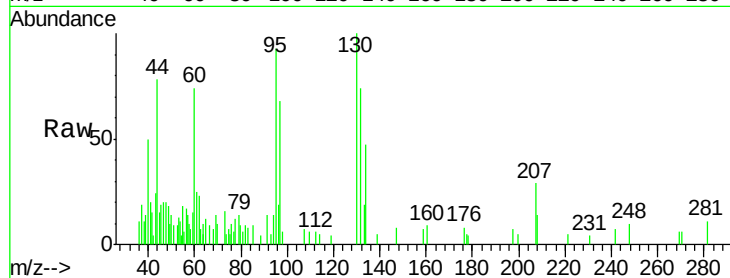
OUTFALL001-200804

Tot Ion:130 Resp: 2742

Ion Ratio Lower Upper

130 100

95 93.0 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

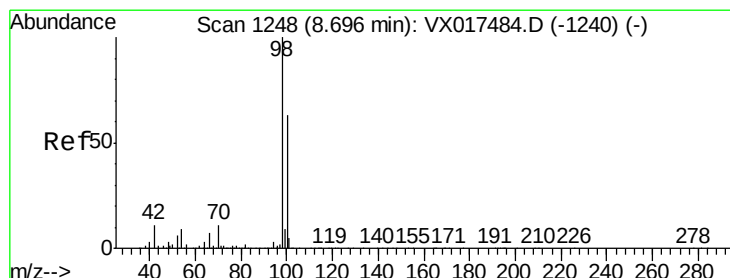
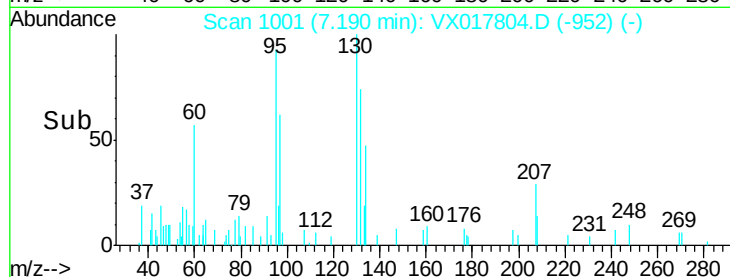
1000

500

0

Time-->

7.10 7.15 7.20 7.25



#50

Toluene-d8

Concen: 49.895 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017804.D

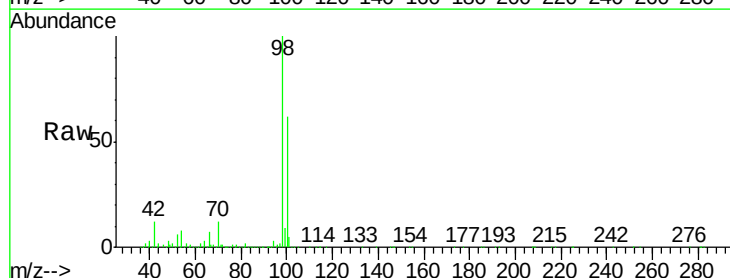
Acq: 06 Aug 2020 13:24

Tgt Ion: 98 Resp: 879823

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

600000

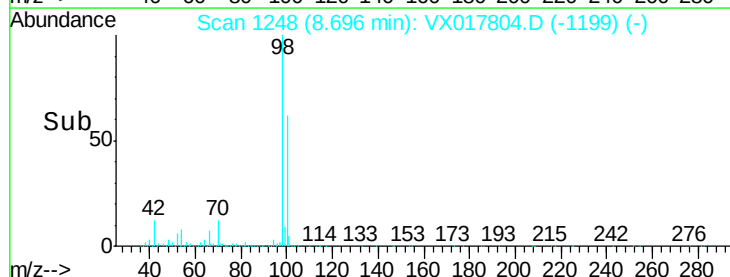
400000

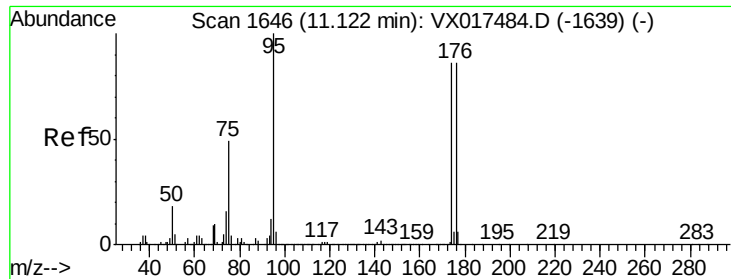
200000

0

Time-->

8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 45.362 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017804.D

Acq: 06 Aug 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-200804

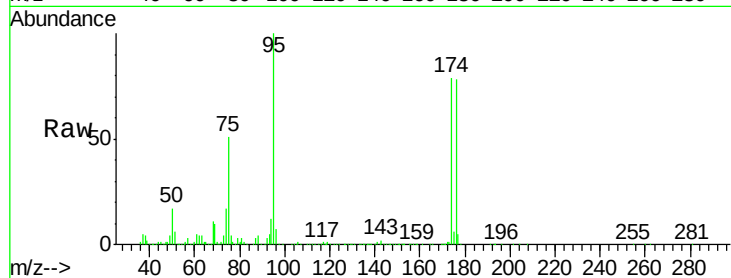
Tot Ion: 95 Resp: 320115

Ion Ratio Lower Upper

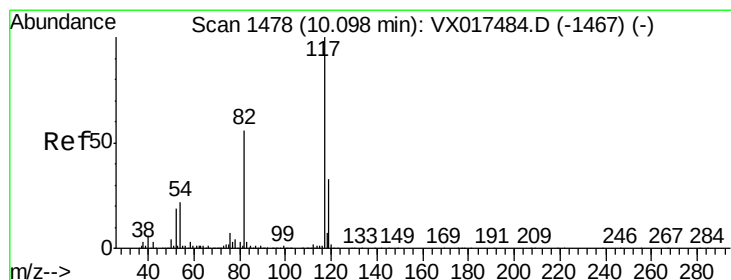
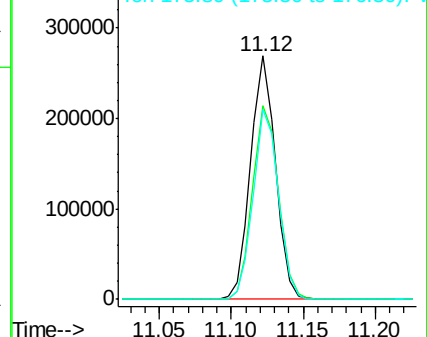
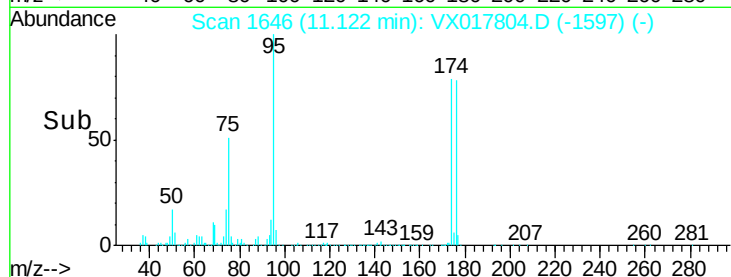
95 100

174 82.9 0.0 169.0

176 79.2 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX017804.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017804.D

Acq: 06 Aug 2020 13:24

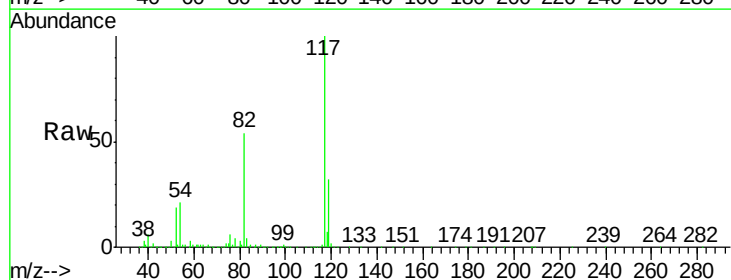
Tgt Ion: 117 Resp: 690475

Ion Ratio Lower Upper

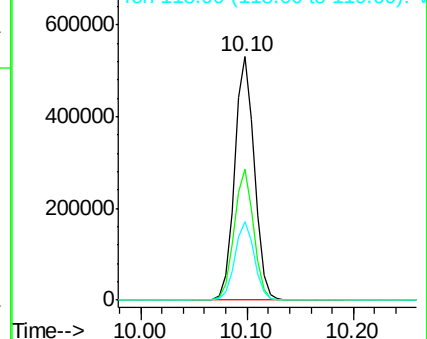
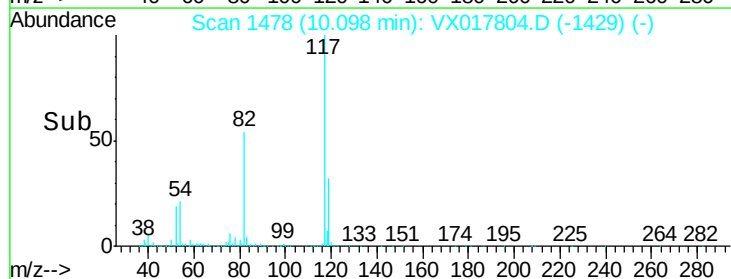
117 100

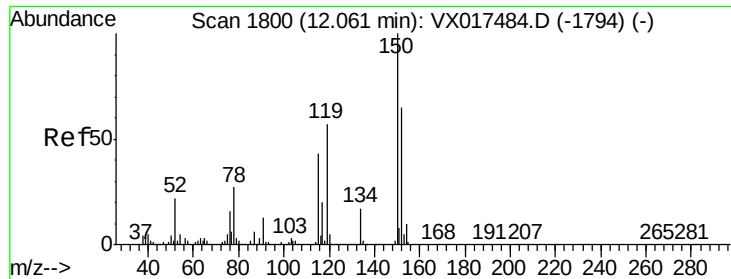
82 53.7 44.0 66.0

119 32.2 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): VX017804.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX017804.D

Acq: 06 Aug 2020 13:24

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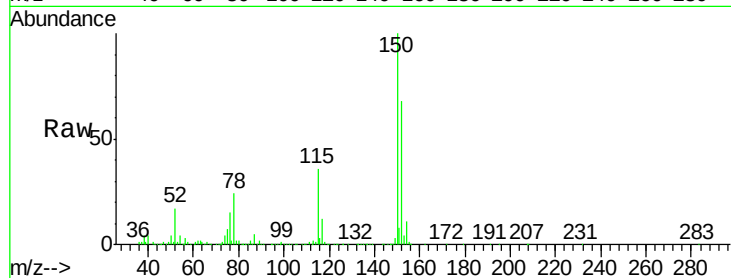
Tot Ion:152 Resp: 321559

Ion Ratio Lower Upper

152 100

115 58.2 65.5 196.6#

150 155.3 0.0 412.6



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

