

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
 Data File : VX017626.D
 Acq On : 27 Jul 2020 18:55
 Operator : JC/SP
 Sample : L3440-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 28 01:56:30 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	493912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	805545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	826183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	456639	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	330098	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
35) Dibromofluoromethane	5.47	113	279612	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	8.70	98	977891	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.12	95	474830	61.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.10%	

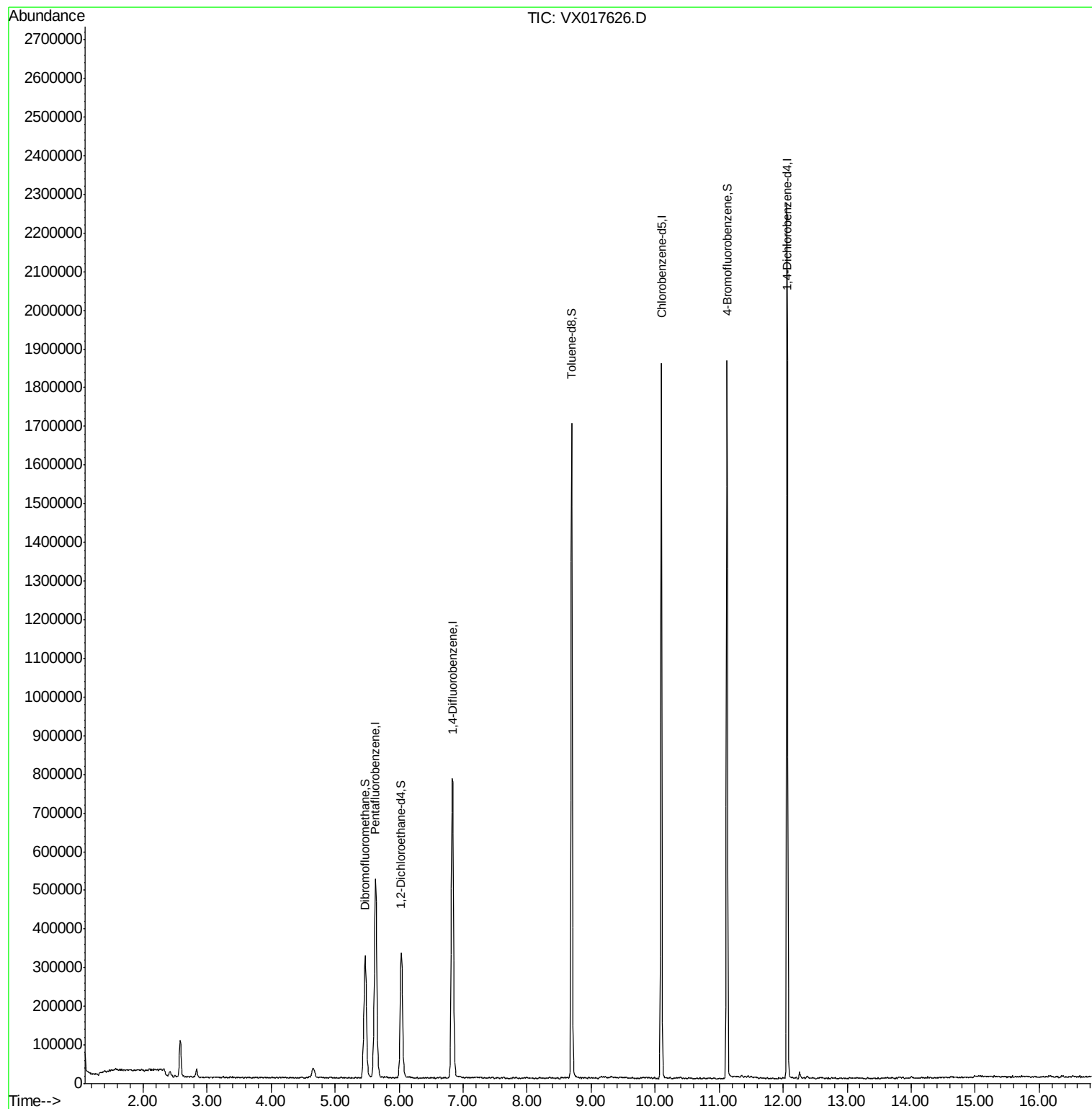
Target Compounds	Qvalue

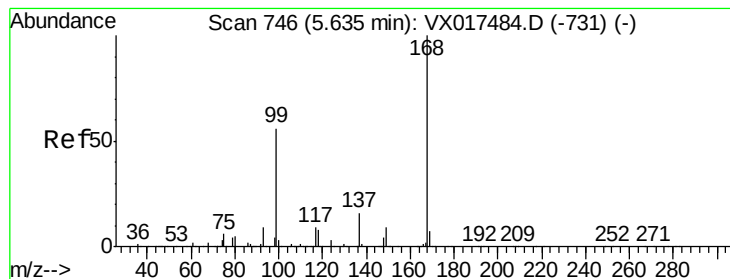
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

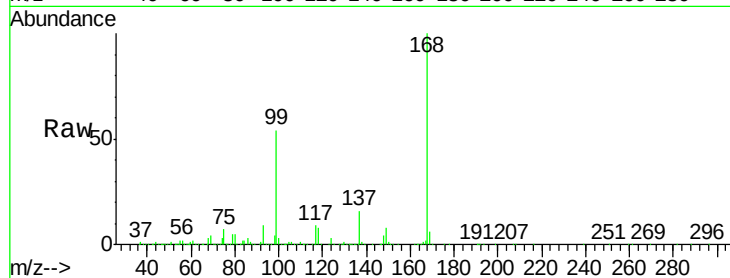
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 493912

Ion Ratio Lower Upper

168 100

99 53.5 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

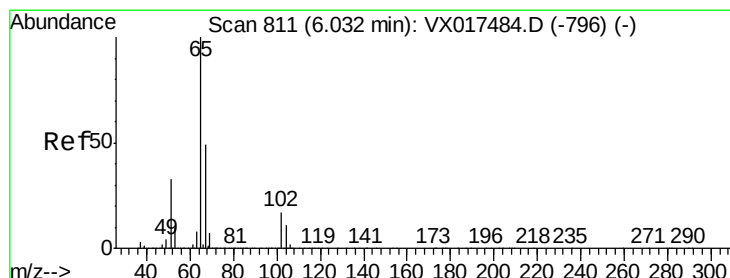
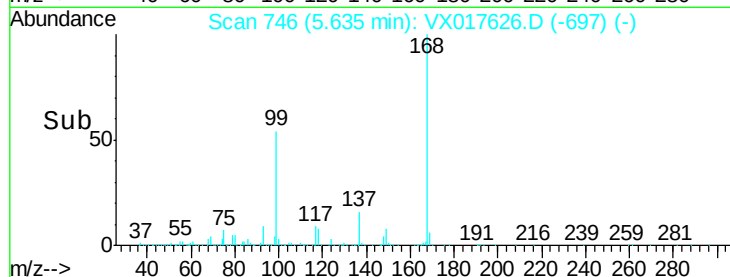
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.029 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017626.D

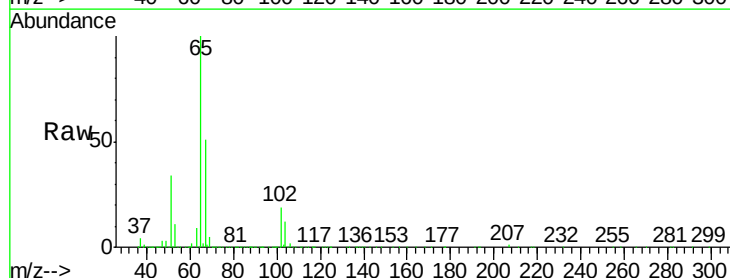
Acq: 27 Jul 2020 18:55

Tgt Ion: 65 Resp: 330098

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

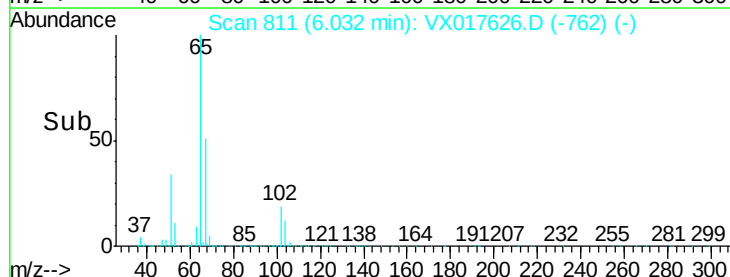
100000

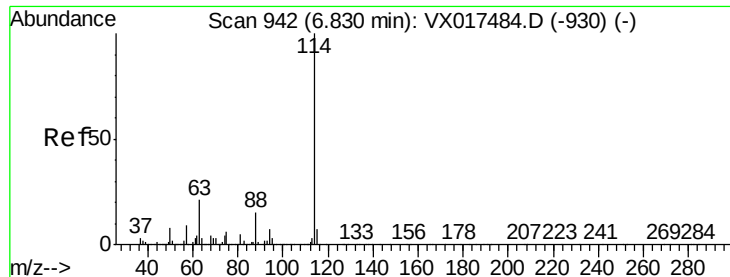
50000

0

Time-->

5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017626.D

Acq: 27 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

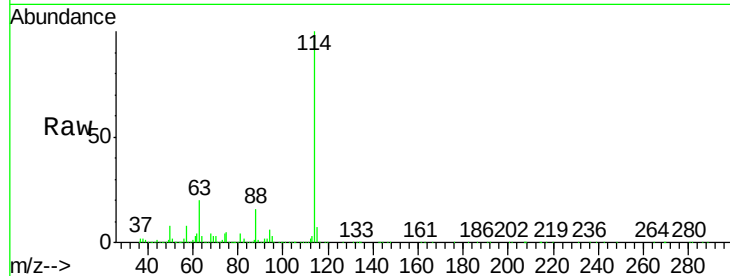
Tot Ion:114 Resp: 805545

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

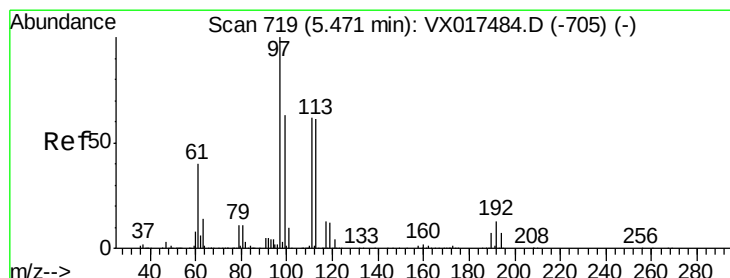
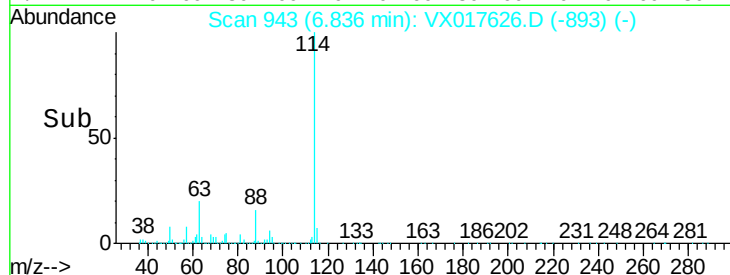
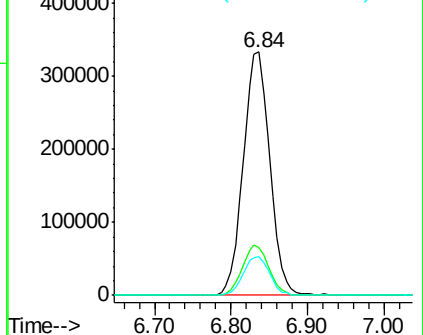
88 16.0 0.0 33.4



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: 51.900 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017626.D

Acq: 27 Jul 2020 18:55

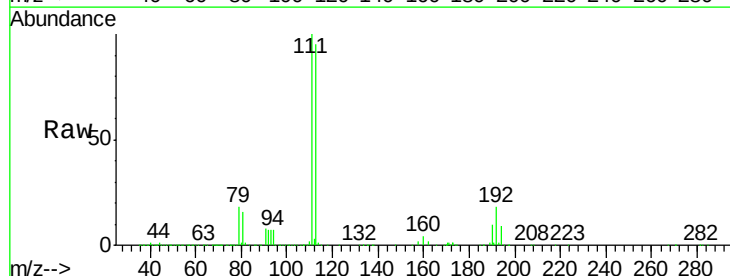
Tgt Ion:113 Resp: 279612

Ion Ratio Lower Upper

113 100

111 101.3 80.7 121.1

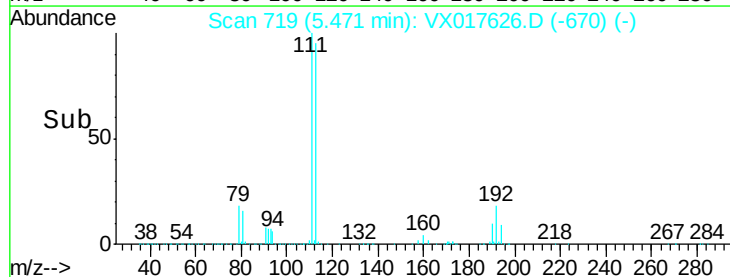
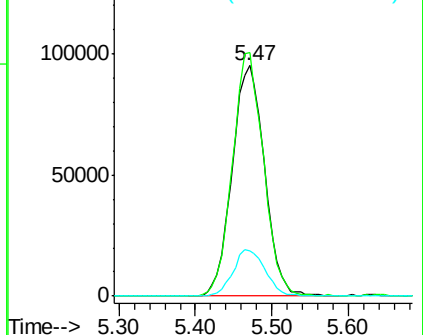
192 20.0 16.9 25.3

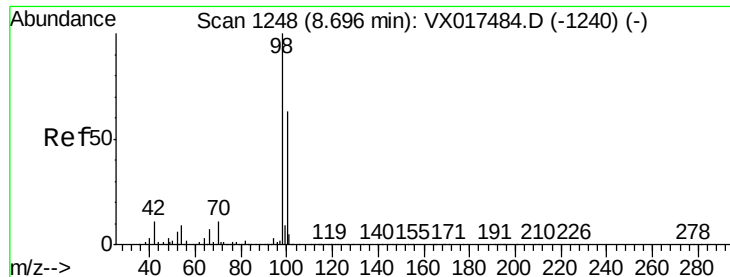


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.315 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017626.D

Acq: 27 Jul 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

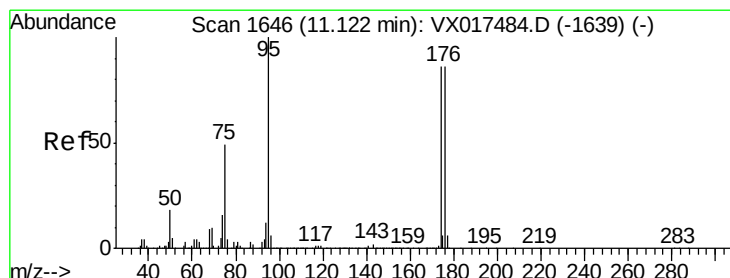
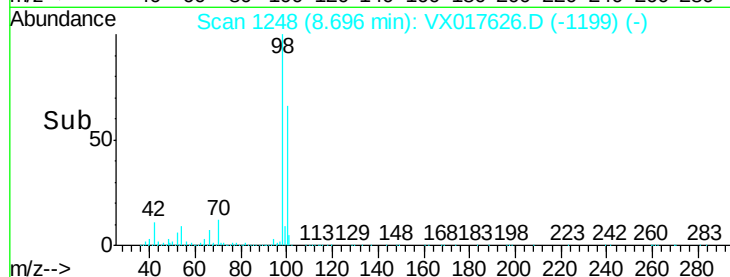
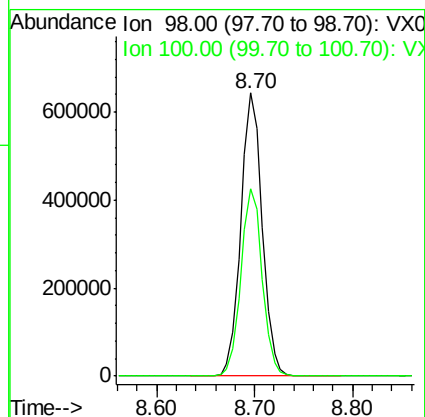
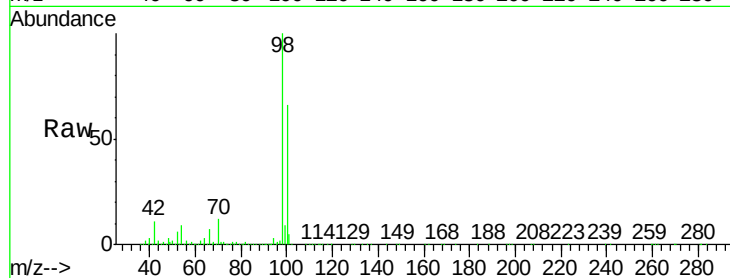
STORAGE-BLANK-WATER-REF-5

Tot Ion: 98 Resp: 977891

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 61.047 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017626.D

Acq: 27 Jul 2020 18:55

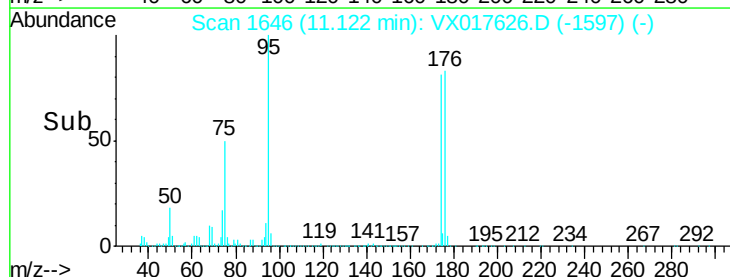
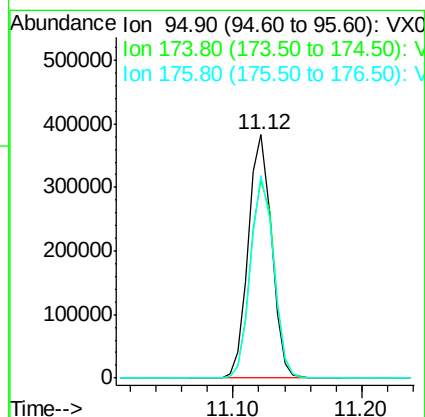
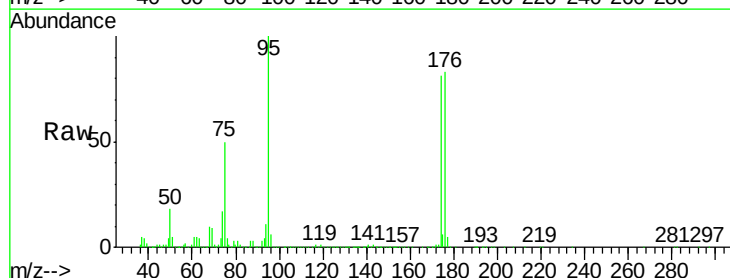
Tgt Ion: 95 Resp: 474830

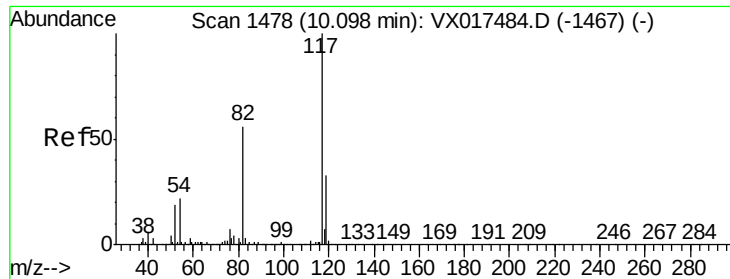
Ion Ratio Lower Upper

95 100

174 83.6 0.0 169.0

176 82.2 0.0 161.0

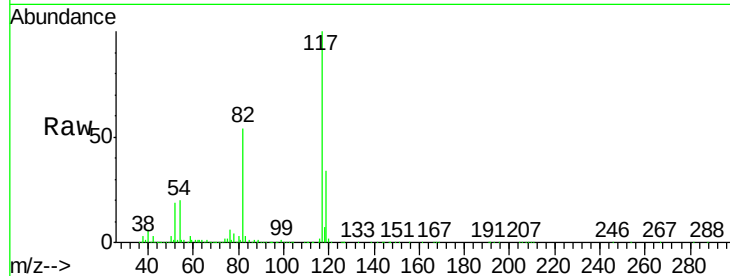




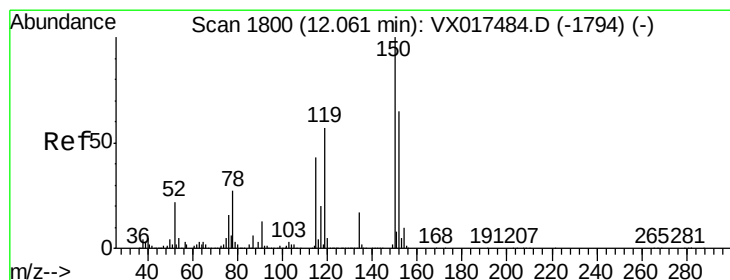
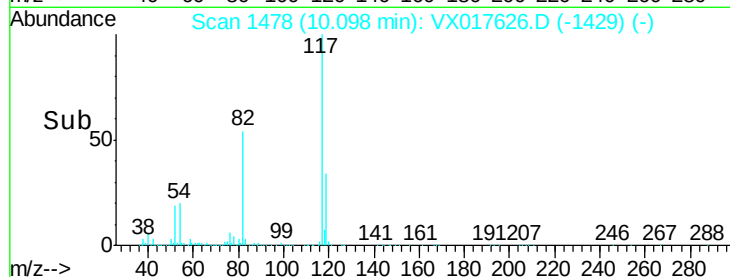
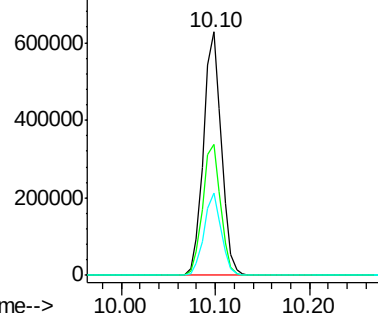
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017626.D
Acq: 27 Jul 2020 18:55

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.0	66.0
119	33.9	25.4	38.0

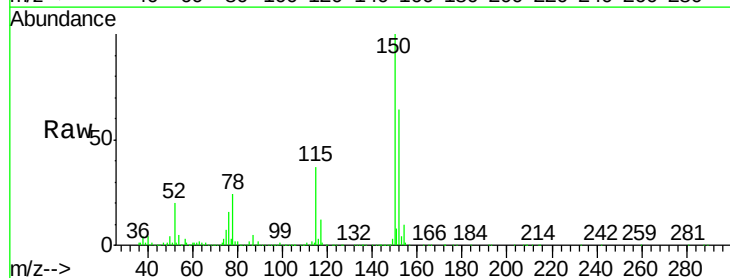


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017626.D
Acq: 27 Jul 2020 18:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	65.5	196.6#
150	157.8	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

