

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017722.D
 Acq On : 01 Aug 2020 00:14
 Operator : JC/SP
 Sample : PB130661ZHE#18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130661ZHE#18

Quant Time: Aug 01 05:00:09 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

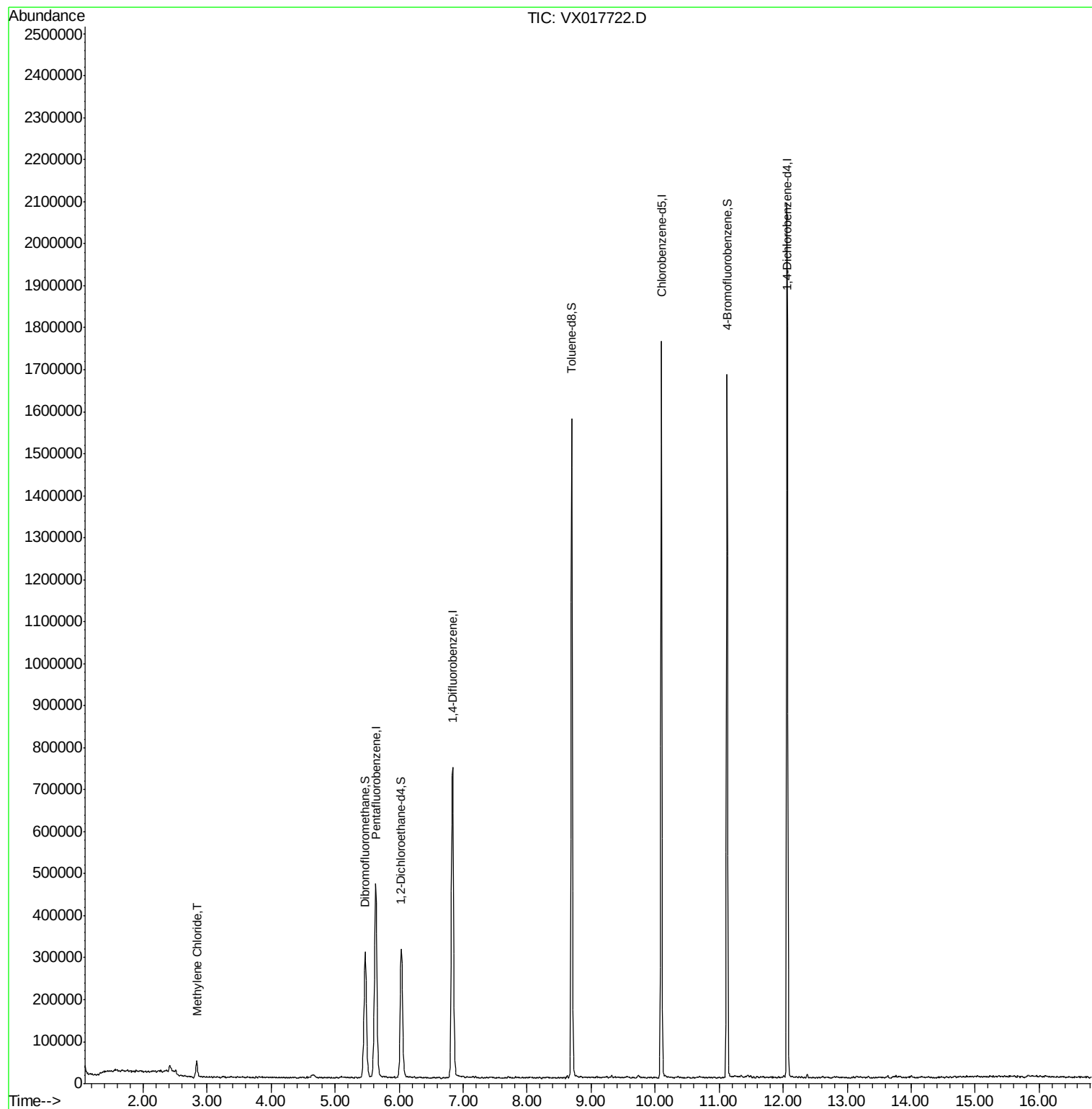
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	436453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	734347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	794436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	428358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	311384	55.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.08%	
35) Dibromofluoromethane	5.47	113	254048	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
50) Toluene-d8	8.70	98	918597	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	11.12	95	411567	58.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.08%	
Target Compounds						
20) Methylene Chloride	2.84	84	17048	2.447	ug/l	98

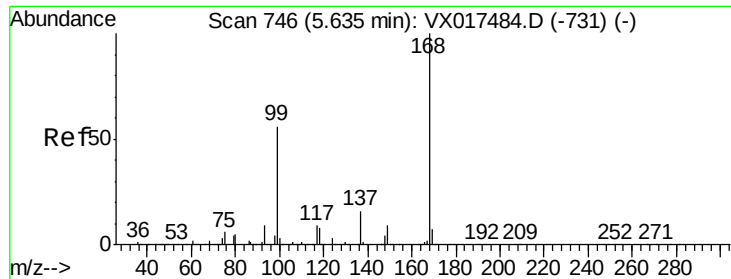
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 24 05:48:09 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017722.D

Acq: 01 Aug 2020 00:14

Instrument :

MSVOA_X

ClientSampleId :

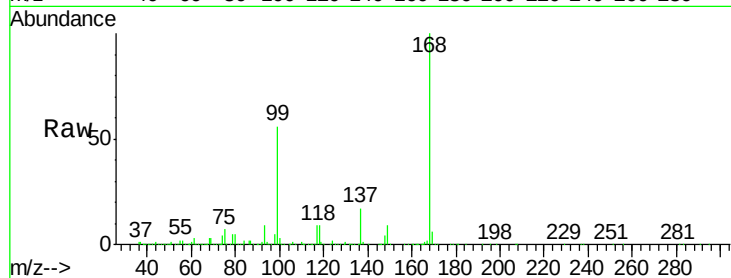
PB130661ZHE#18

Tot Ion:168 Resp: 436453

Ion Ratio Lower Upper

168 100

99 55.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

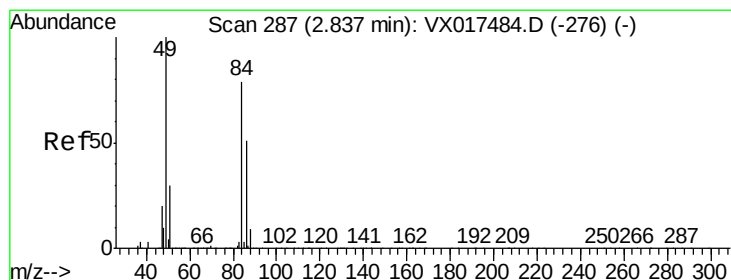
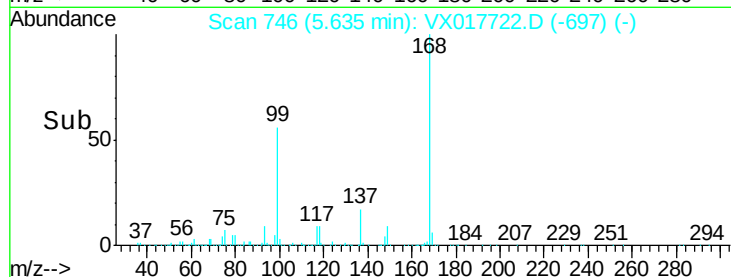
100000

50000

0

Time-->

5.50 5.60 5.70



#20

Methylene Chloride

Concen: 2.447 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017722.D

Acq: 01 Aug 2020 00:14

Tgt Ion: 84 Resp: 17048

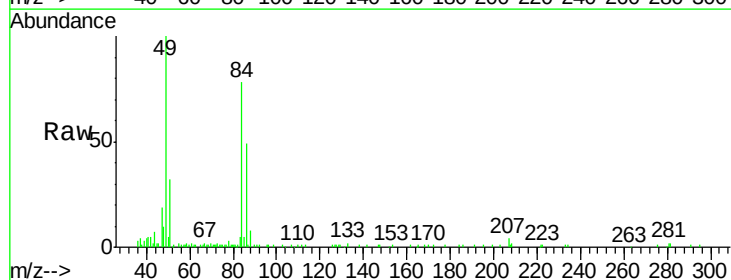
Ion Ratio Lower Upper

84 100

49 126.7 100.3 150.5

51 40.4 30.5 45.7

86 62.8 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

20000

15000

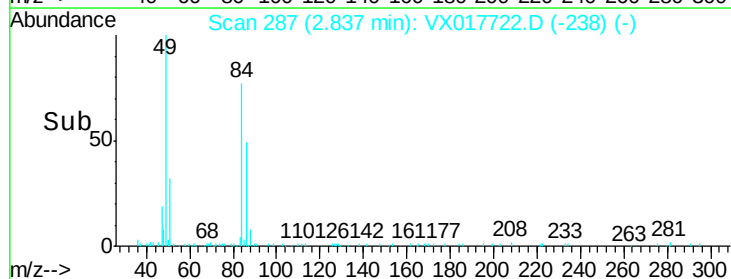
10000

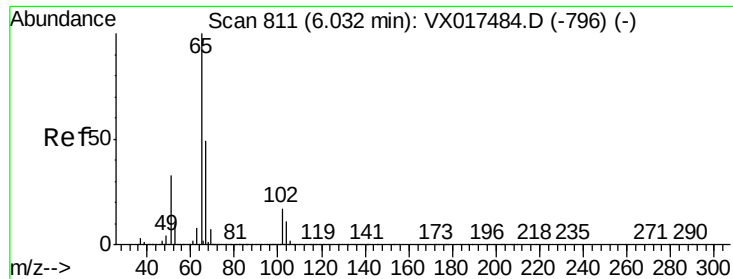
5000

0

Time-->

2.75 2.80 2.85 2.90 2.95

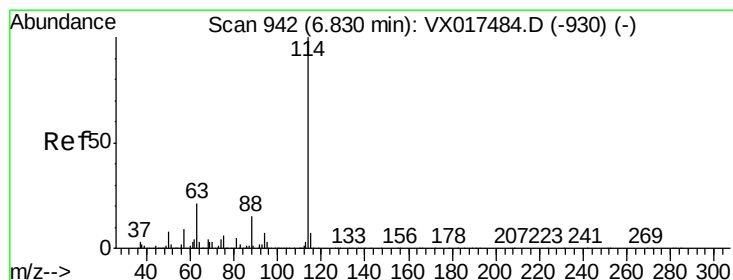
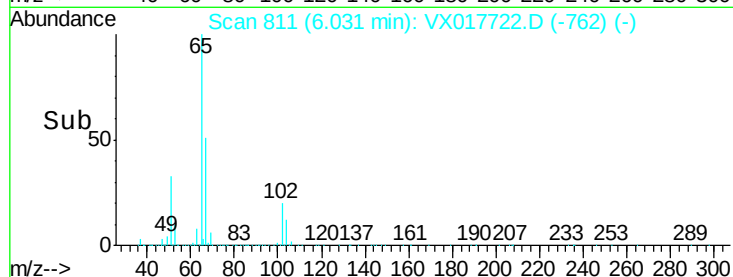
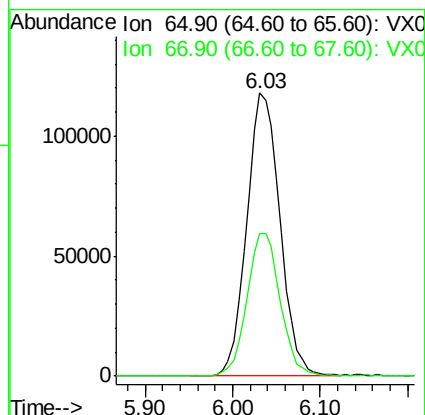
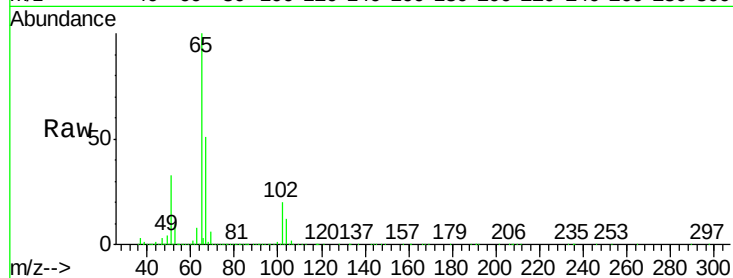




#33
 1,2-Dichloroethane-d4
 Concen: 55.541 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017722.D
 Acq: 01 Aug 2020 00:14

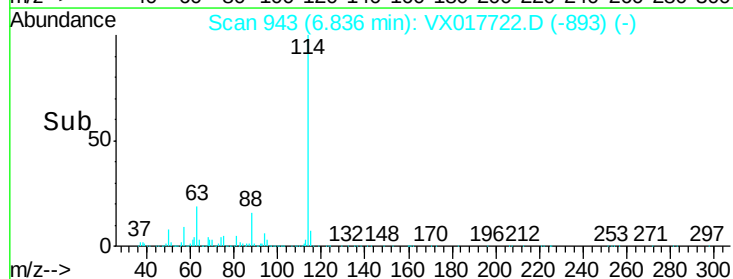
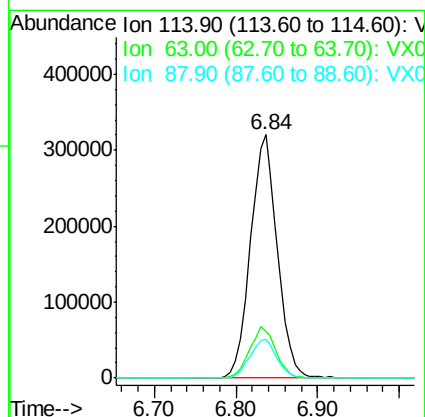
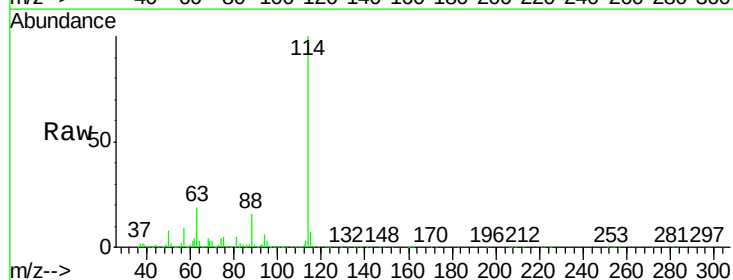
Instrument :
 MSVOA_X
 ClientSampleId :
 PB130661ZHE#18

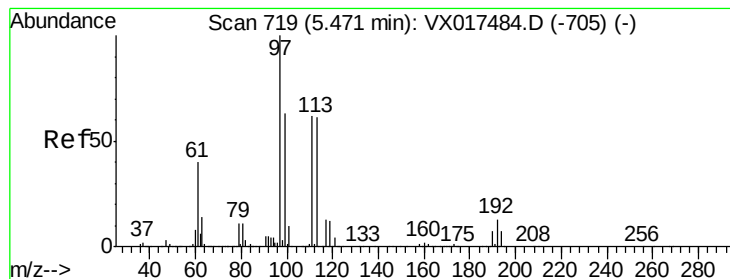
Tot Ion: 65 Resp: 311384
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017722.D
 Acq: 01 Aug 2020 00:14

Tgt Ion: 114 Resp: 734347
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.6
 88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.727 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017722.D

Acq: 01 Aug 2020 00:14

Instrument :

MSVOA_X

ClientSampleId :

PB130661ZHE#18

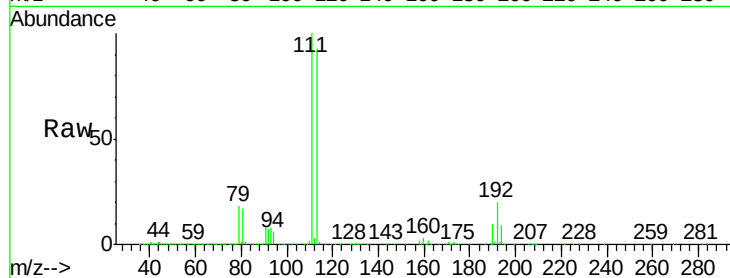
Tot Ion:113 Resp: 254048

Ion Ratio Lower Upper

113 100

111 104.1 80.7 121.1

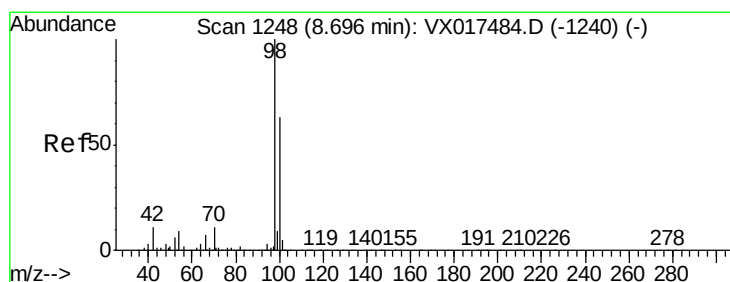
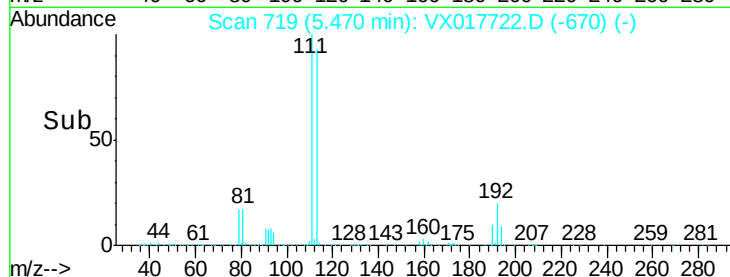
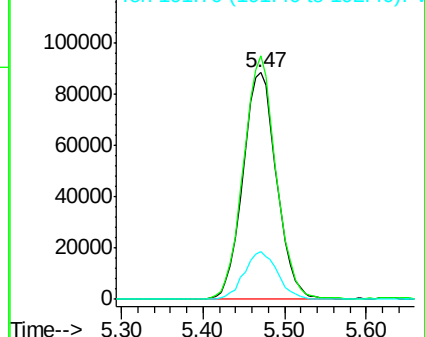
192 21.1 16.9 25.3



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: 51.847 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017722.D

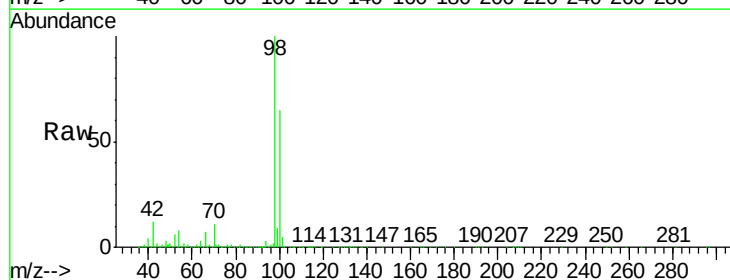
Acq: 01 Aug 2020 00:14

Tgt Ion: 98 Resp: 918597

Ion Ratio Lower Upper

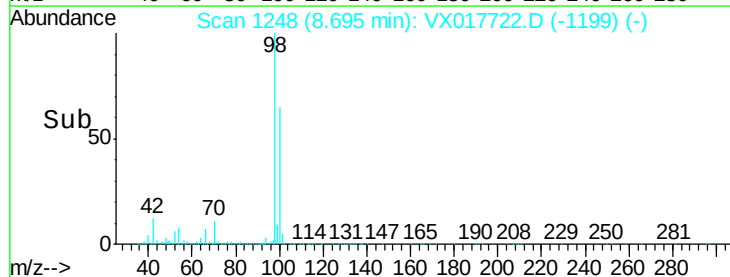
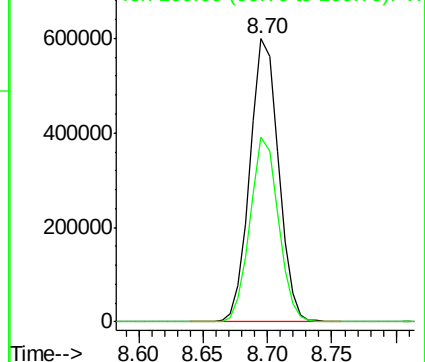
98 100

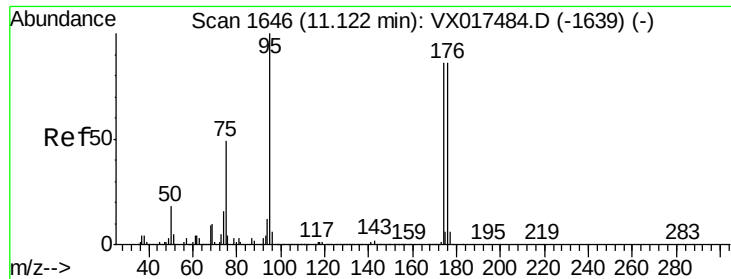
100 64.5 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX





#62

4-Bromofluorobenzene

Concen: 58.044 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017722.D

Acq: 01 Aug 2020 00:14

Instrument :

MSVOA_X

ClientSampleId :

PB130661ZHE#18

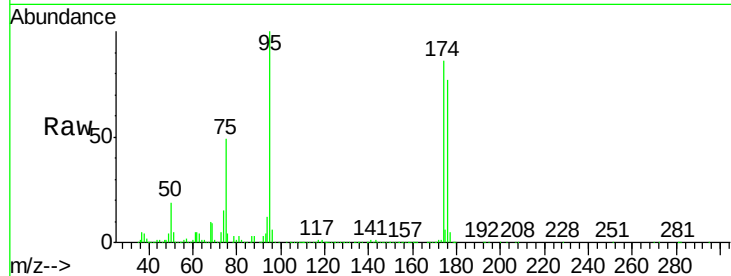
Tot Ion: 95 Resp: 411567

Ion Ratio Lower Upper

95 100

174 86.2 0.0 169.0

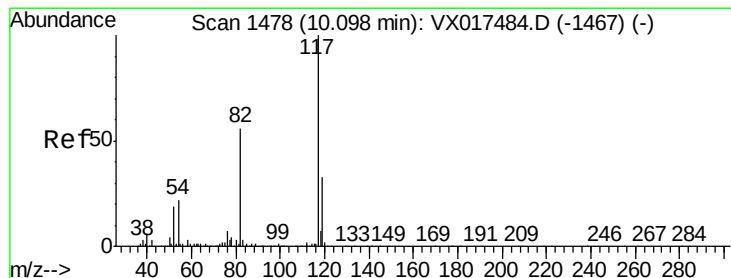
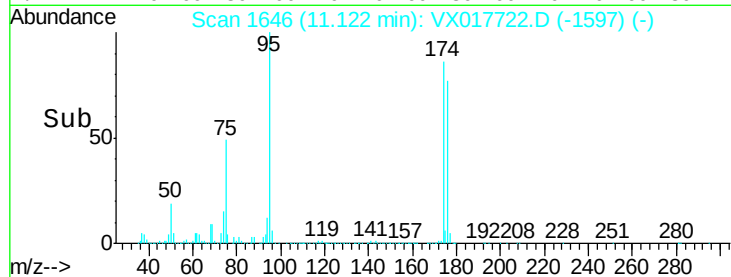
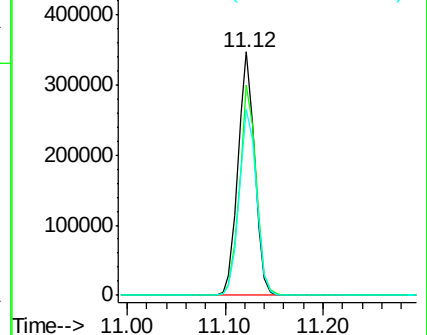
176 79.0 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017722.D

Acq: 01 Aug 2020 00:14

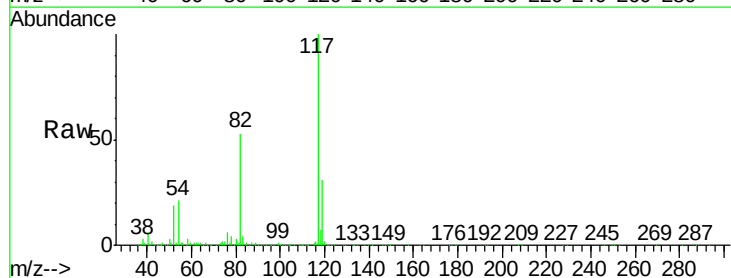
Tgt Ion: 117 Resp: 794436

Ion Ratio Lower Upper

117 100

82 52.8 44.0 66.0

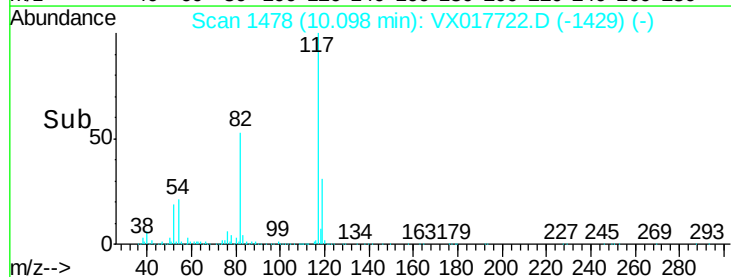
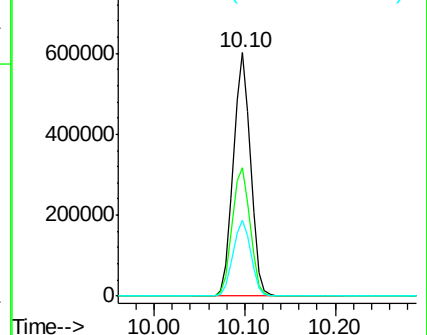
119 31.1 25.4 38.0

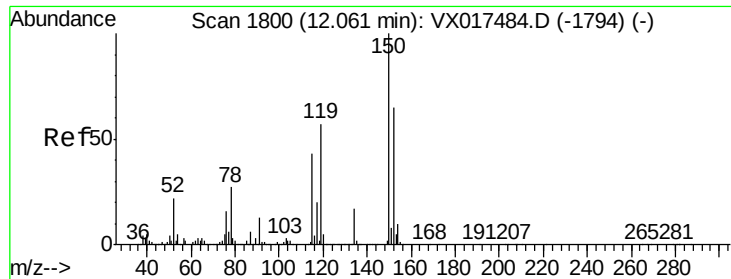


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

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: VX017722.D

Acq: 01 Aug 2020 00:14

Instrument :

MSVOA_X

ClientSampleId :

PB130661ZHE#18

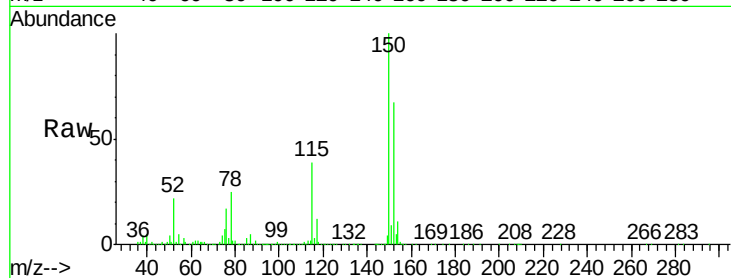
Tot Ion:152 Resp: 428358

Ion Ratio Lower Upper

152 100

115 58.9 65.5 196.6#

150 158.4 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

