

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017721.D
 Acq On : 31 Jul 2020 23:51
 Operator : JC/SP
 Sample : PB130661ZHE#17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130661ZHE#17

Quant Time: Aug 01 04:58:12 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

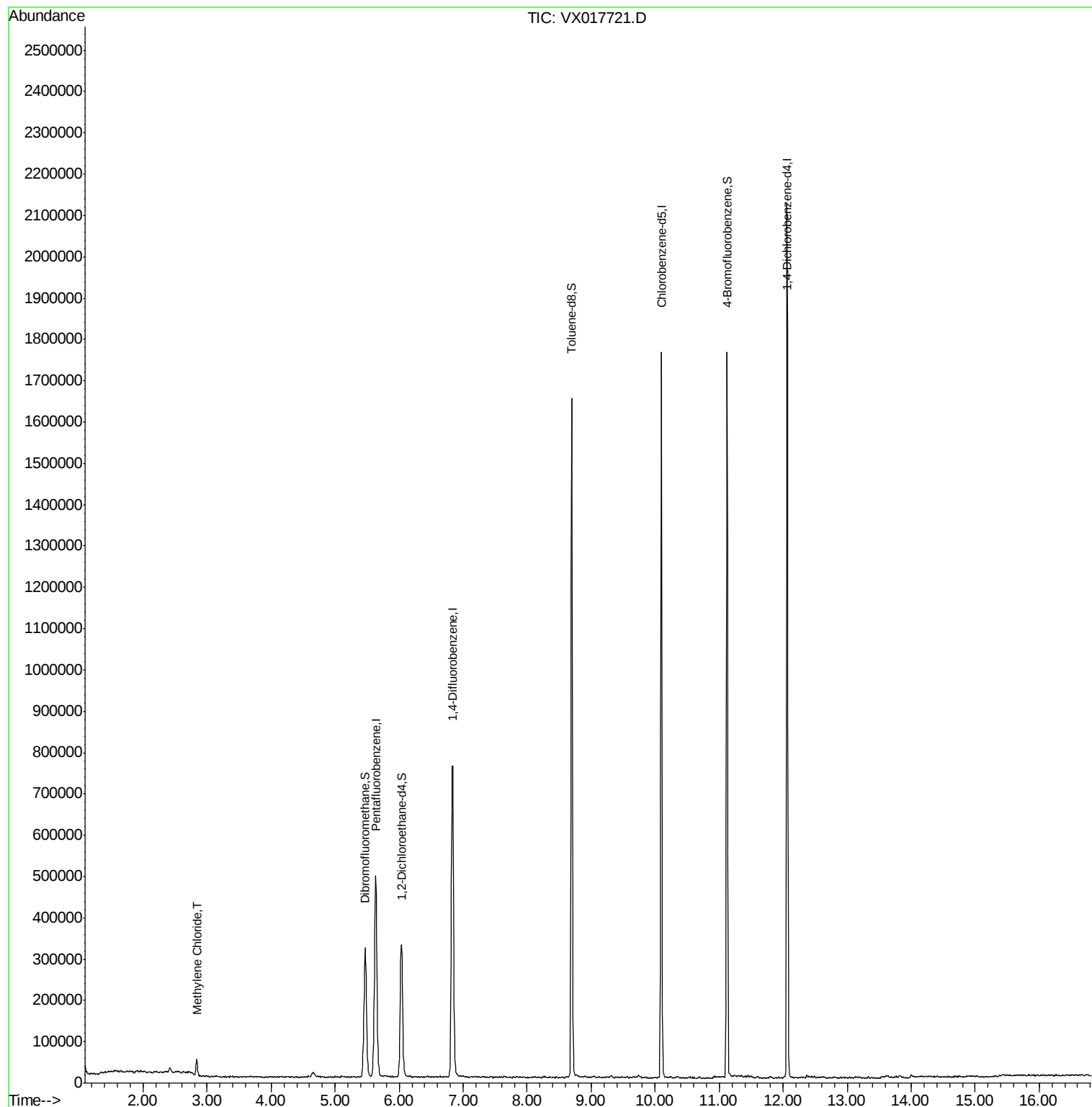
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	459674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	776289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	775017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	430158	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	327714	55.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.00%	
35) Dibromofluoromethane	5.47	113	268427	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
50) Toluene-d8	8.70	98	944844	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.12	95	427702	57.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.12%	
Target Compounds						
20) Methylene Chloride	2.84	84	19616	2.795	ug/l	Qvalue 97

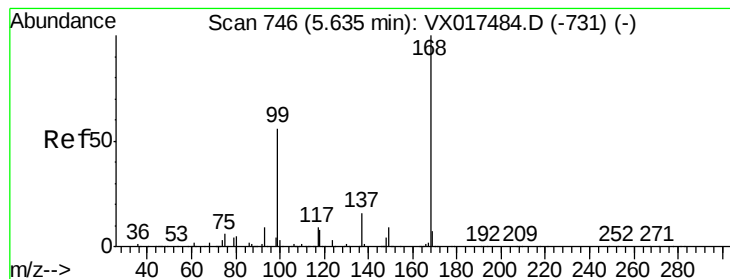
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017721.D

Acq: 31 Jul 2020 23:51

Instrument :

MSVOA_X

ClientSampleId :

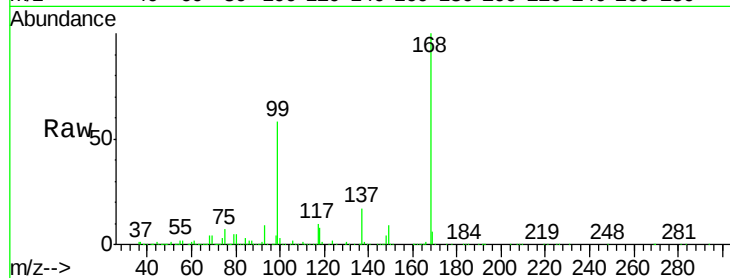
PB130661ZHE#17

Tot Ion:168 Resp: 459674

Ion Ratio Lower Upper

168 100

99 57.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

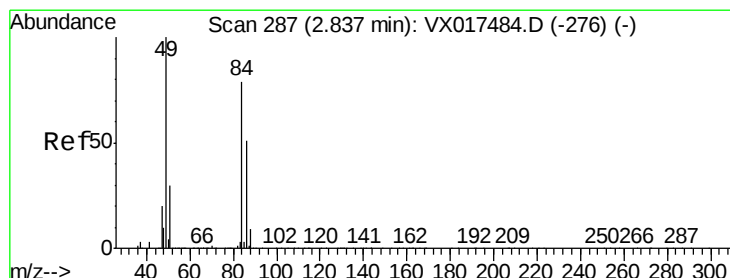
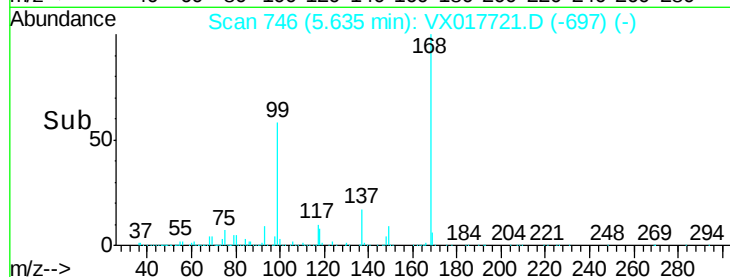
100000

50000

0

Time-->

5.50 5.60 5.70



#20

Methylene Chloride

Concen: 2.795 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017721.D

Acq: 31 Jul 2020 23:51

Tgt Ion: 84 Resp: 19616

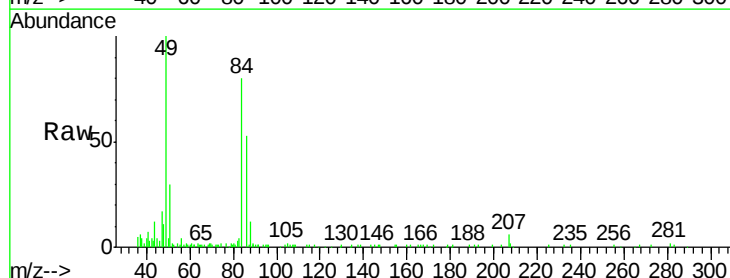
Ion Ratio Lower Upper

84 100

49 122.2 100.3 150.5

51 34.4 30.5 45.7

86 65.8 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

15000

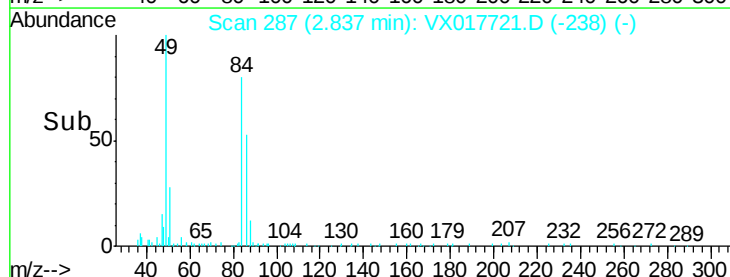
10000

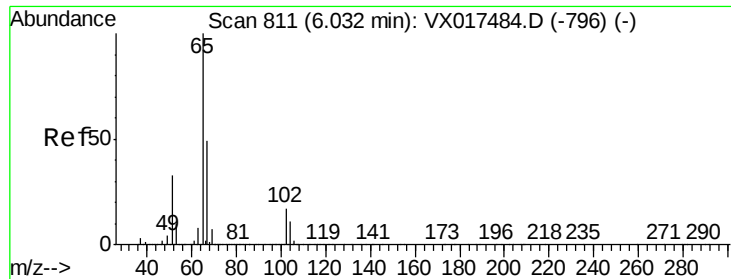
5000

0

Time-->

2.75 2.80 2.85 2.90 2.95

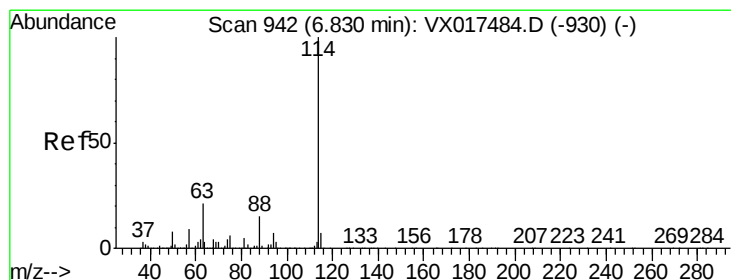
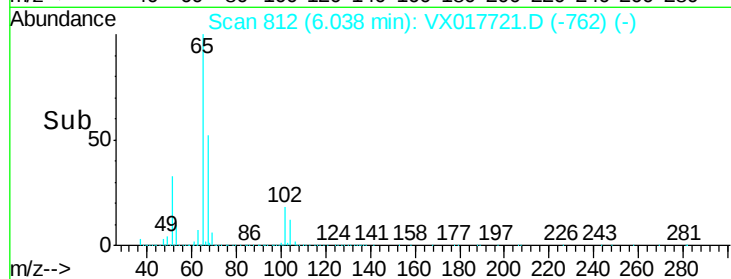
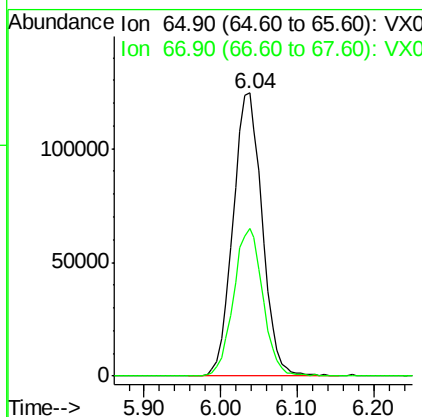
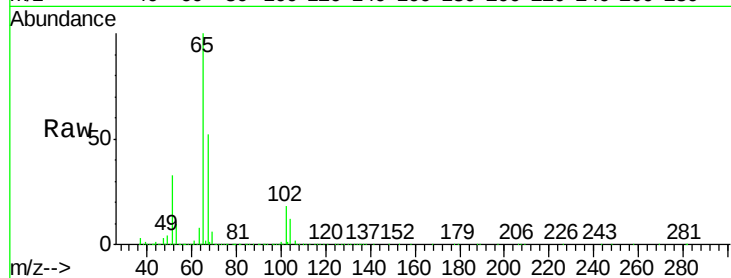




#33
 1,2-Dichloroethane-d4
 Concen: 55.500 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017721.D
 Acq: 31 Jul 2020 23:51

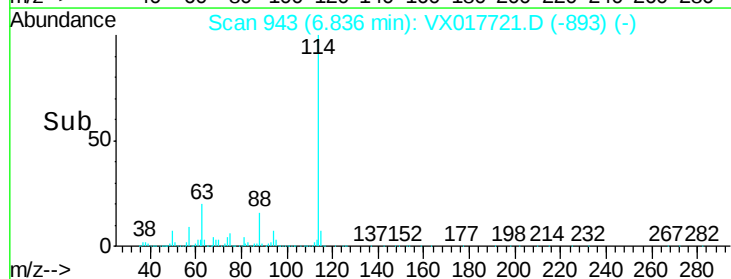
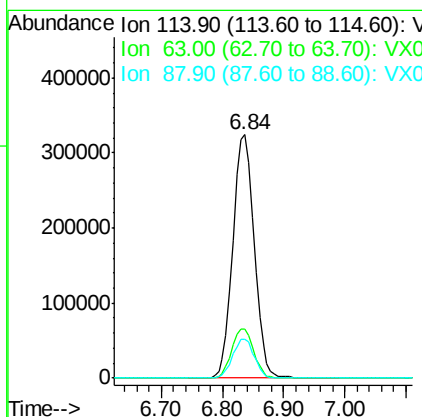
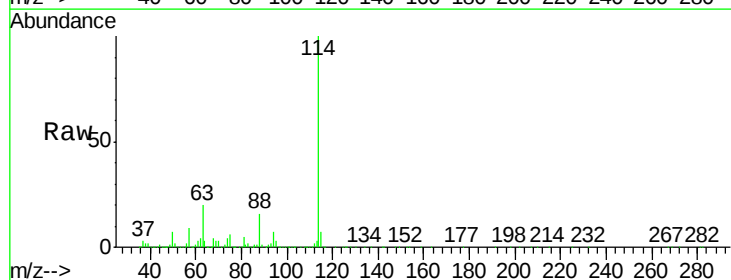
Instrument :
 MSVOA_X
 ClientSampleId :
 PB130661ZHE#17

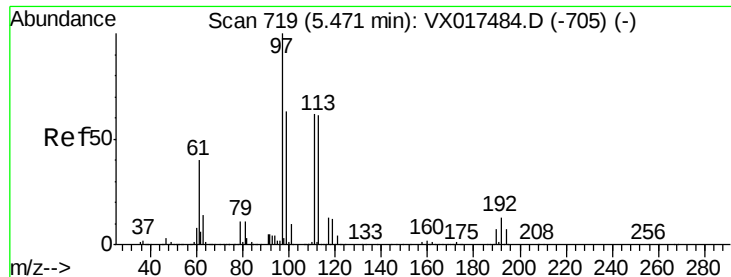
Tot Ion: 65 Resp: 327714
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017721.D
 Acq: 31 Jul 2020 23:51

Tgt Ion: 114 Resp: 776289
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 16.1 0.0 33.4

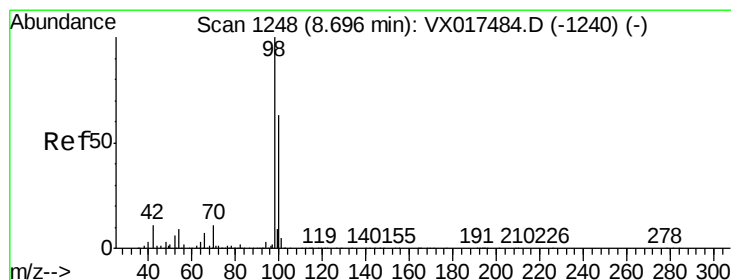
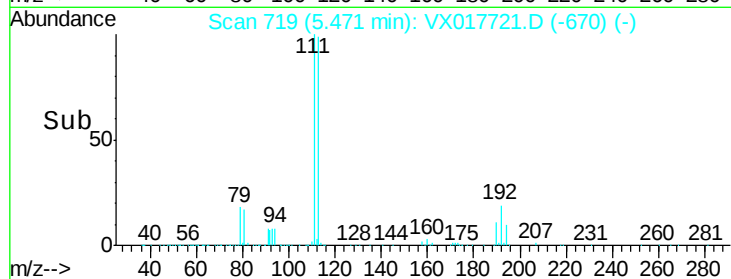
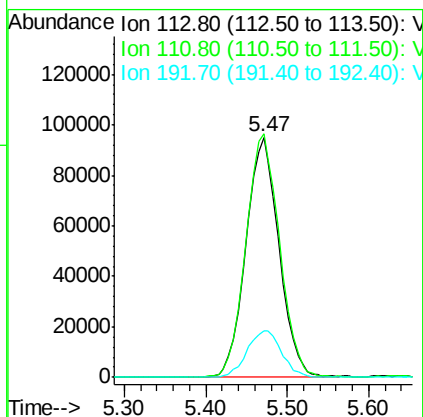
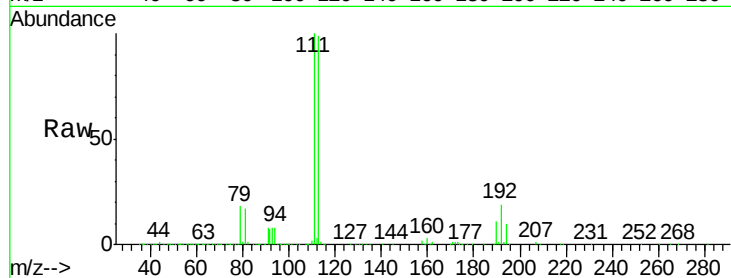




#35
 Dibromofluoromethane
 Concen: 51.701 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017721.D
 Acq: 31 Jul 2020 23:51

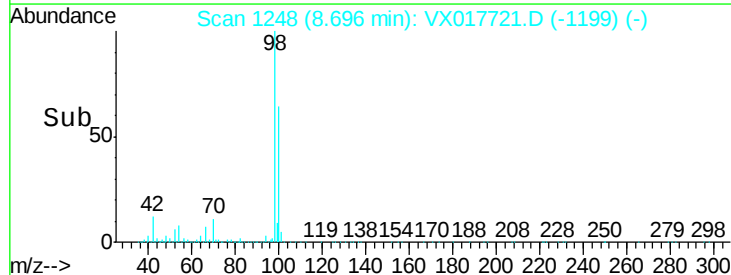
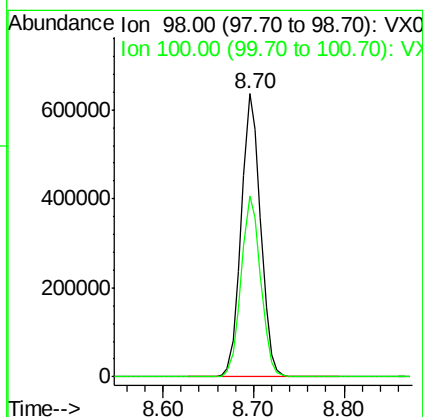
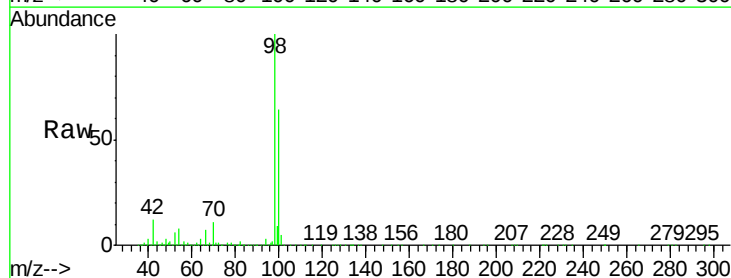
Instrument :
 MSVOA_X
 ClientSampleId :
 PB130661ZHE#17

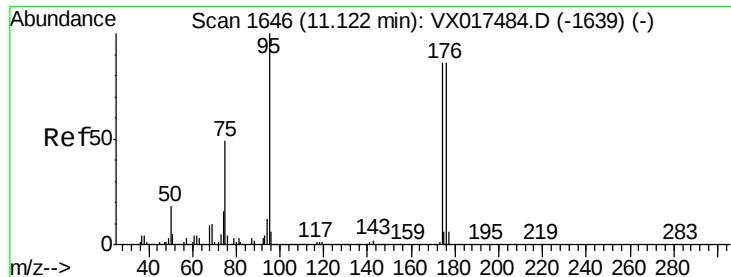
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.7	121.1
192	20.5	16.9	25.3



#50
 Toluene-d8
 Concen: 50.447 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017721.D
 Acq: 31 Jul 2020 23:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.3	78.5





#62

4-Bromofluorobenzene

Concen: 57.060 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017721.D

Acq: 31 Jul 2020 23:51

Instrument :

MSVOA_X

ClientSampleId :

PB130661ZHE#17

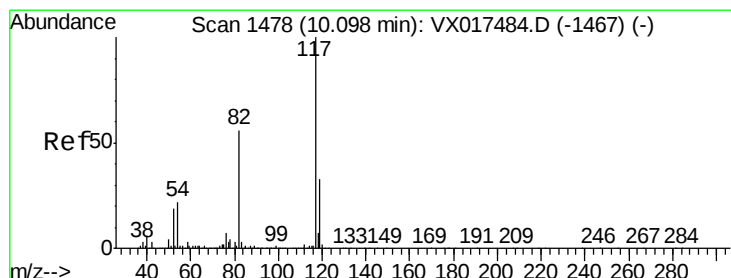
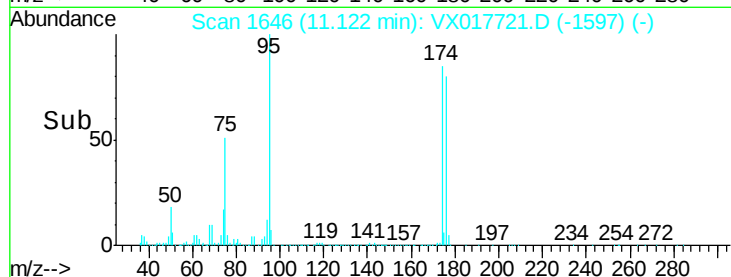
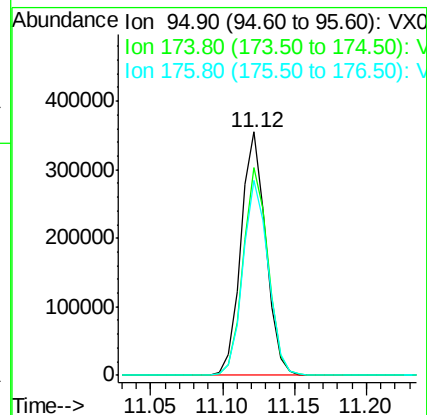
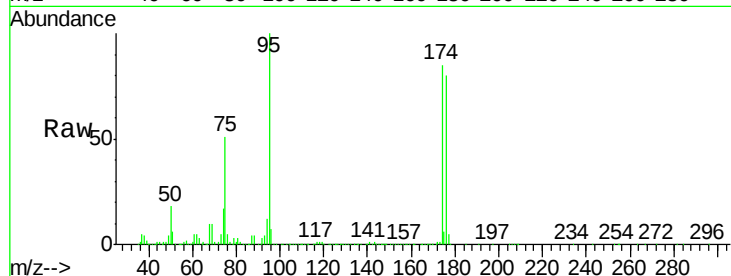
Tot Ion: 95 Resp: 427702

Ion Ratio Lower Upper

95 100

174 85.3 0.0 169.0

176 81.3 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: VX017721.D

Acq: 31 Jul 2020 23:51

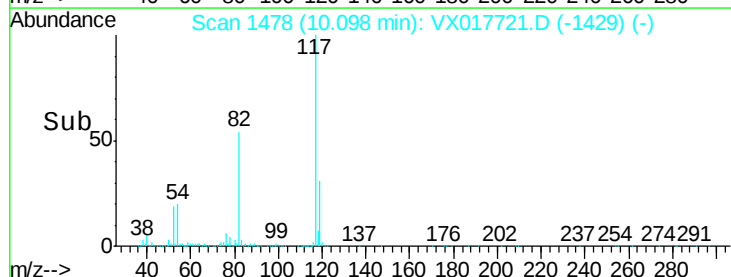
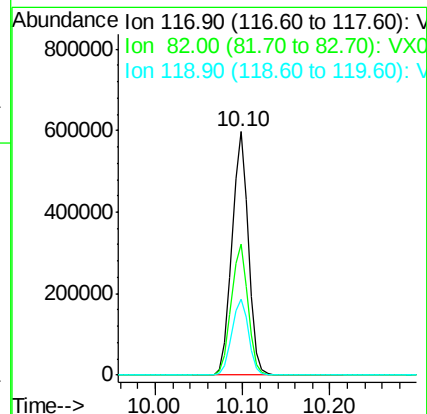
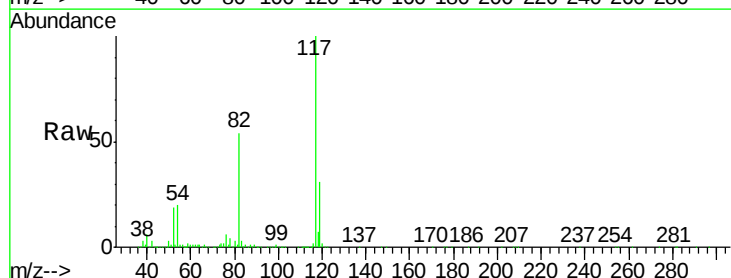
Tgt Ion: 117 Resp: 775017

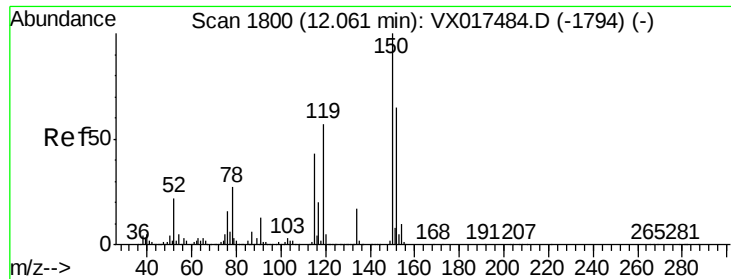
Ion Ratio Lower Upper

117 100

82 53.9 44.0 66.0

119 31.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017721.D

Acq: 31 Jul 2020 23:51

Instrument :

MSVOA_X

ClientSampleId :

PB130661ZHE#17

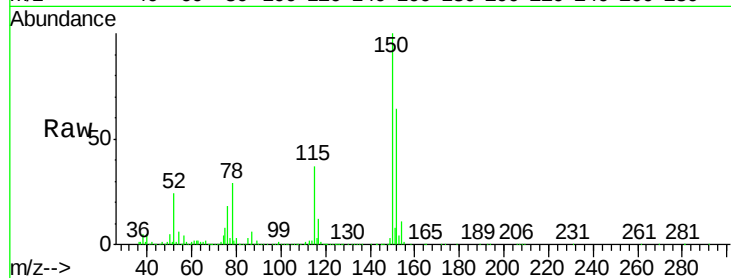
Tot Ion:152 Resp: 430158

Ion Ratio Lower Upper

152 100

115 57.5 65.5 196.6#

150 153.8 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

