

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017533.D
 Acq On : 24 Jul 2020 11:18
 Operator : JC/SP
 Sample : VX0724WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBL01

Quant Time: Jul 25 02:18:38 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	515279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	860655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	864875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	451106	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	356870	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
35) Dibromofluoromethane	5.46	113	296217	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
50) Toluene-d8	8.70	98	1060864	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.12	95	446517	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	

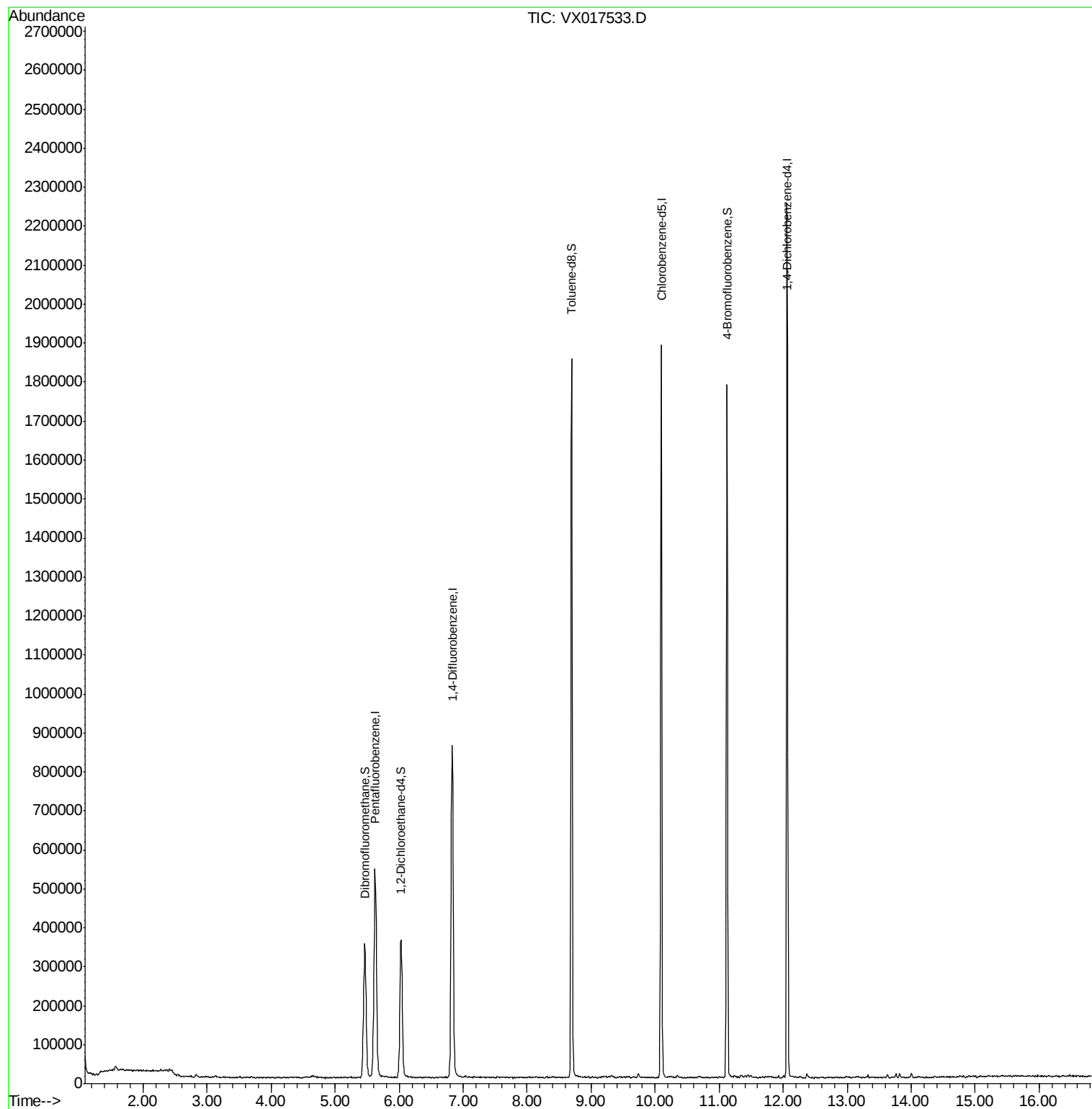
Target Compounds	Qvalue

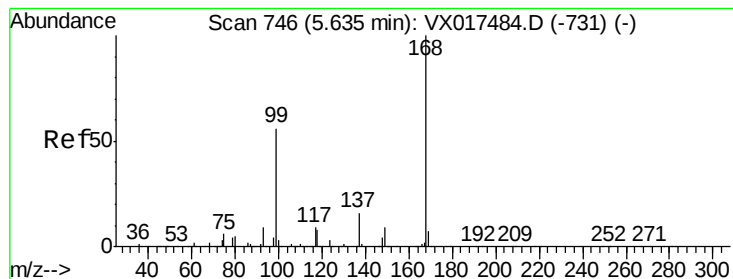
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

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Acq: 24 Jul 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

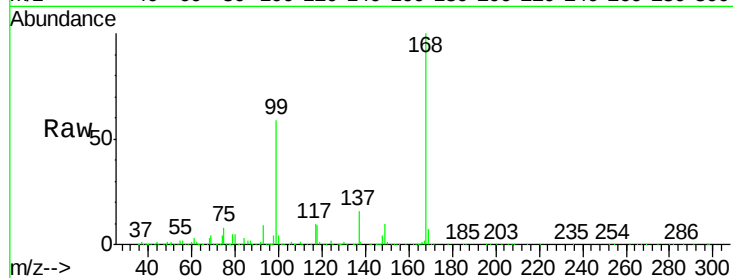
VX0724WBL01

Tgt Ion:168 Resp: 515279

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

5.63

200000

150000

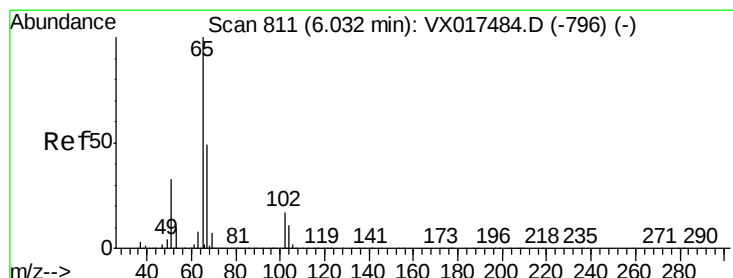
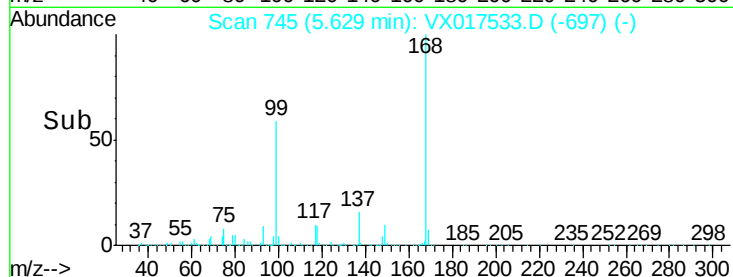
100000

50000

0

Time-->

5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 53.916 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017533.D

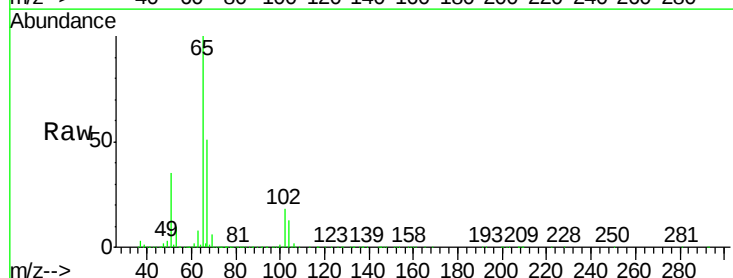
Acq: 24 Jul 2020 11:18

Tgt Ion: 65 Resp: 356870

Ion Ratio Lower Upper

65 100

67 50.4 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

150000

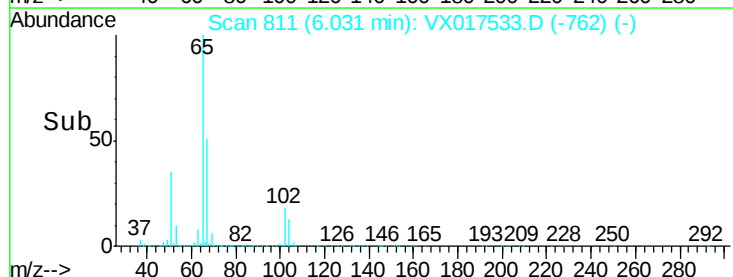
100000

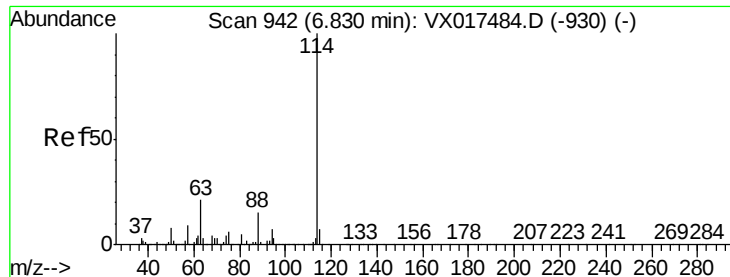
50000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017533.D

Acq: 24 Jul 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBL01

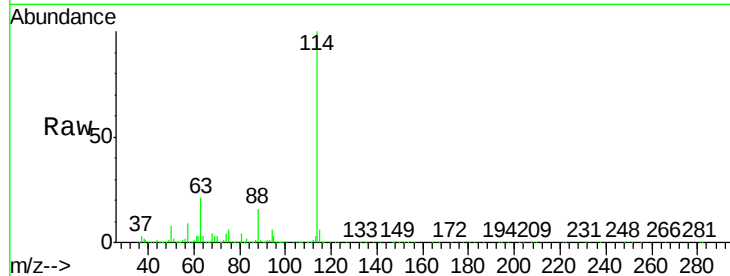
Tgt Ion:114 Resp: 860655

Ion Ratio Lower Upper

114 100

63 21.2 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

400000

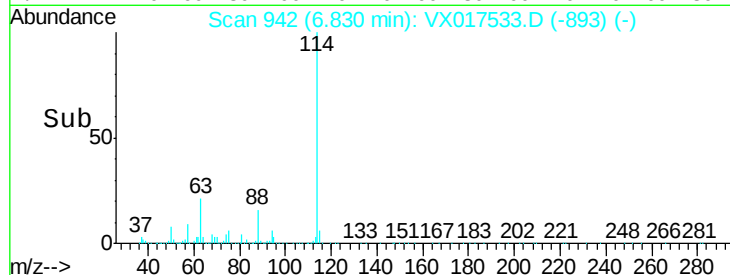
300000

200000

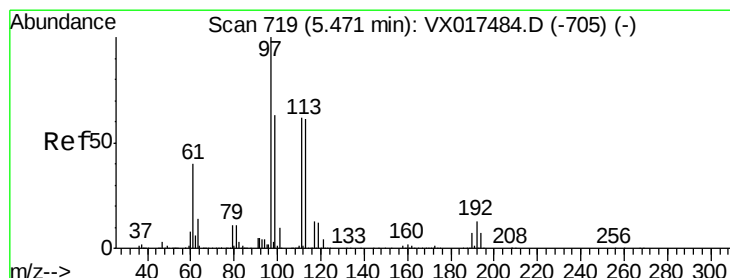
100000

0

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 51.461 ug/l

RT: 5.46 min Scan# 719

Delta R.T. -0.01 min

Lab File: VX017533.D

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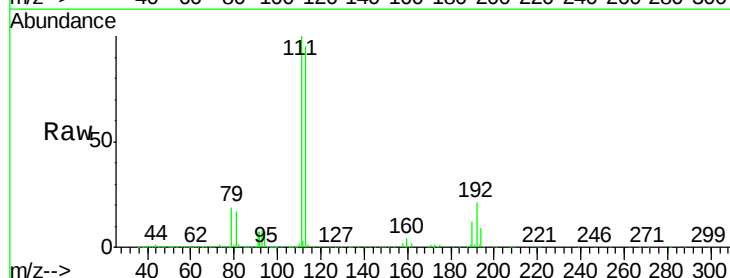
Tgt Ion:113 Resp: 296217

Ion Ratio Lower Upper

113 100

111 102.0 80.7 121.1

192 21.0 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

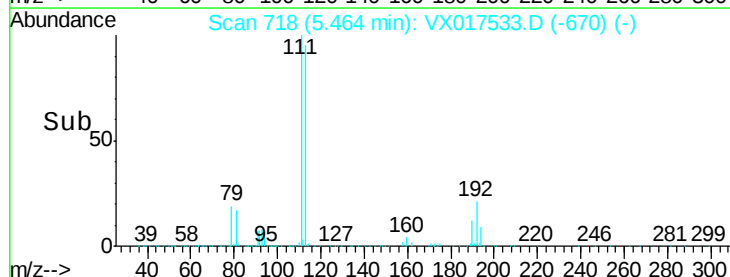
Ion 191.70 (191.40 to 192.40): V

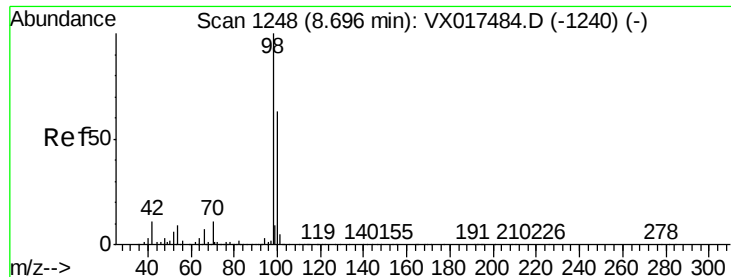
100000

50000

0

Time-->





#50

Toluene-d8

Concen: 51.089 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017533.D

Acq: 24 Jul 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

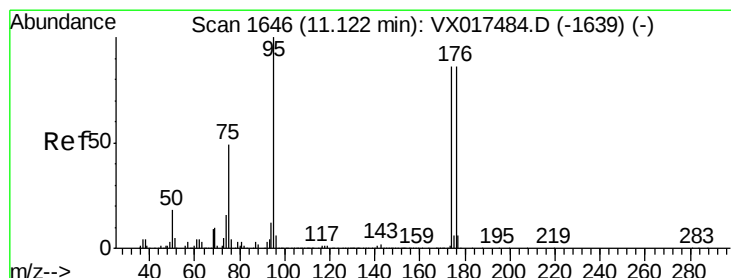
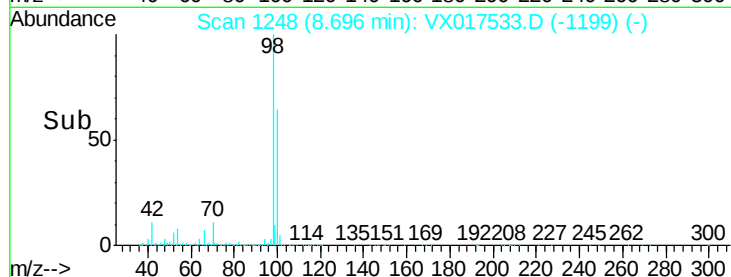
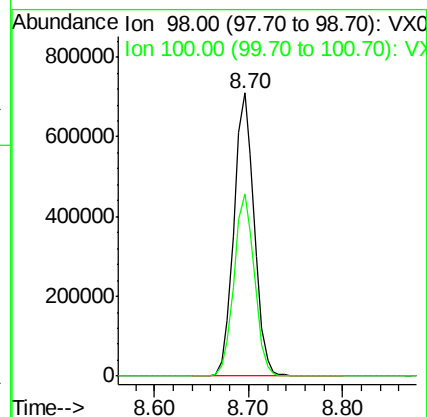
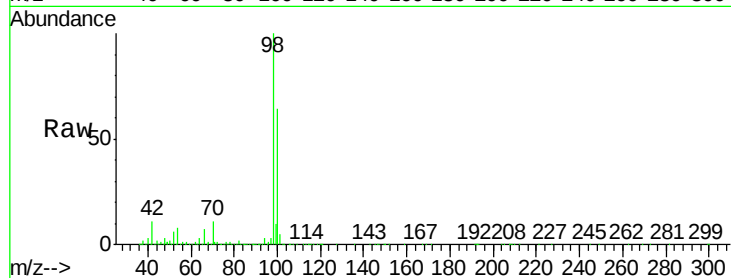
VX0724WBL01

Tgt Ion: 98 Resp: 1060864

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 53.731 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017533.D

Acq: 24 Jul 2020 11:18

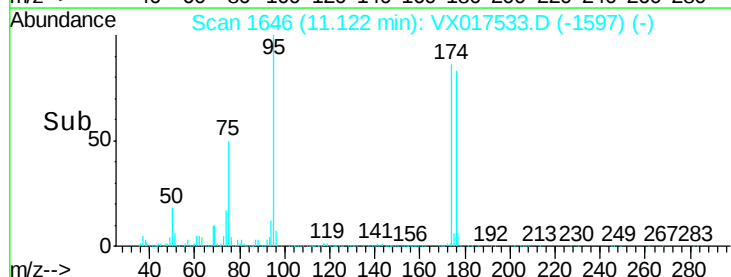
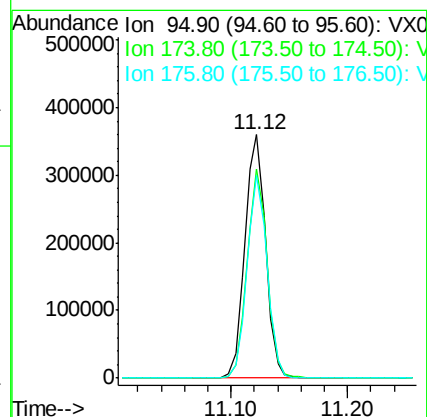
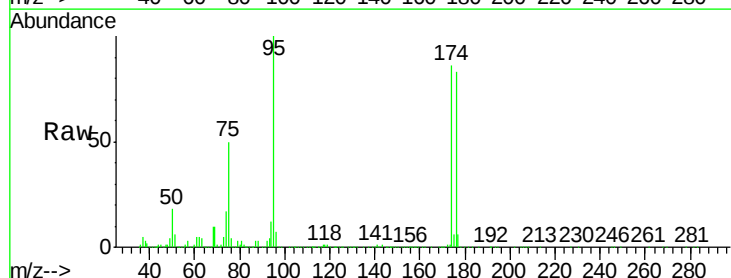
Tgt Ion: 95 Resp: 446517

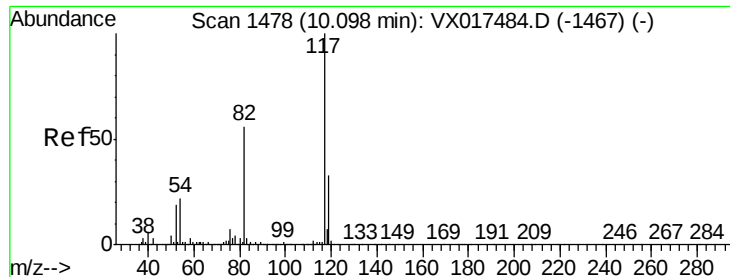
Ion Ratio Lower Upper

95 100

174 83.2 0.0 169.0

176 81.1 0.0 161.0

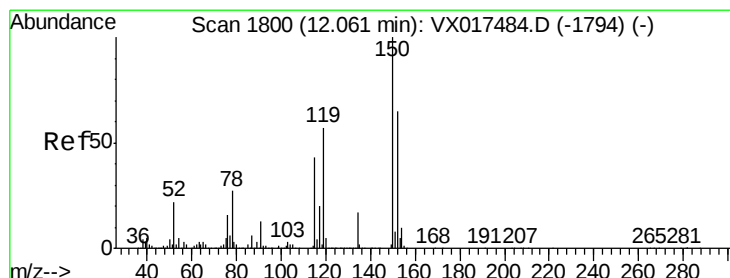
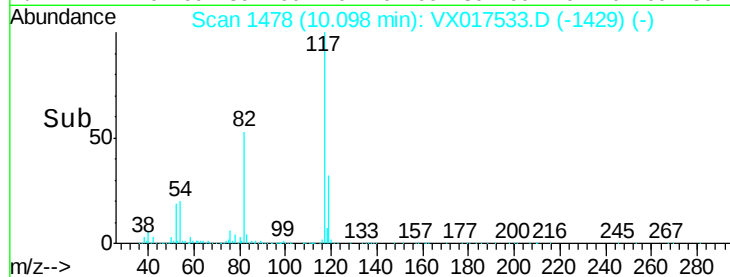
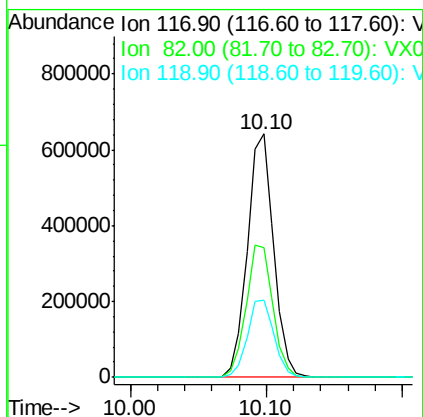
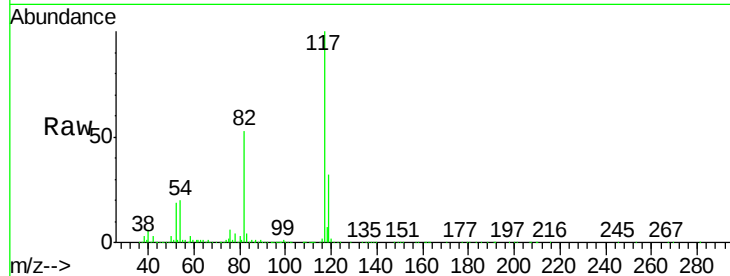




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017533.D
Acq: 24 Jul 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBL01

Tgt Ion:117 Resp: 864875
Ion Ratio Lower Upper
117 100
82 53.3 44.0 66.0
119 31.7 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: VX017533.D
Acq: 24 Jul 2020 11:18

Tgt Ion:152 Resp: 451106
Ion Ratio Lower Upper
152 100
115 57.3 65.5 196.6#
150 157.6 0.0 412.6

