

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018145.D
 Acq On : 31 Aug 2020 14:22
 Operator : JC/SP
 Sample : L3831-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20200827

Quant Time: Sep 01 06:14:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	563626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	927381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	852403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	418621	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	390836	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	5.46	113	307633	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	8.70	98	1123201	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
62) 4-Bromofluorobenzene	11.12	95	414798	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	

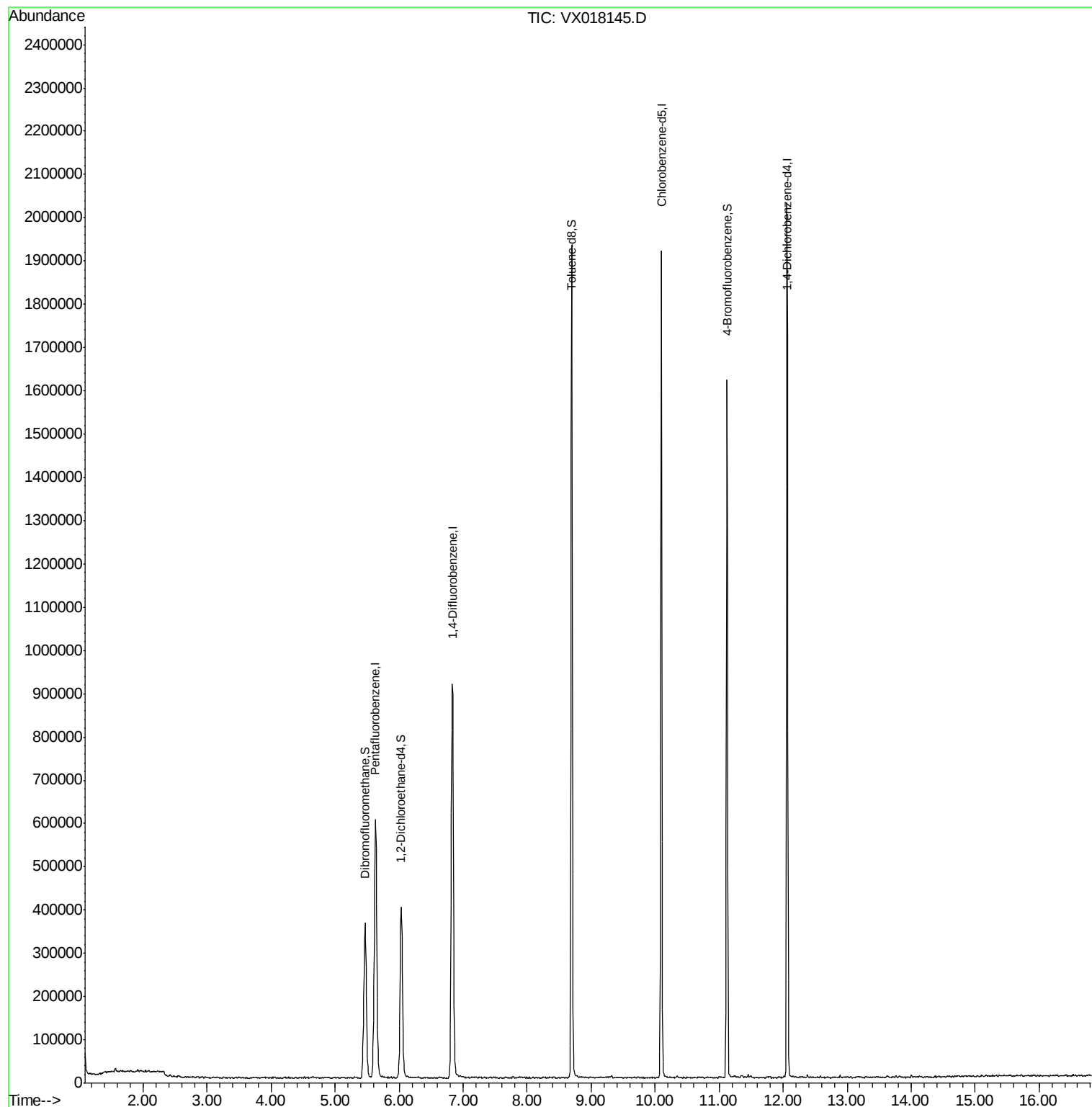
Target Compounds	Qvalue

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

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QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018145.D

Acq: 31 Aug 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

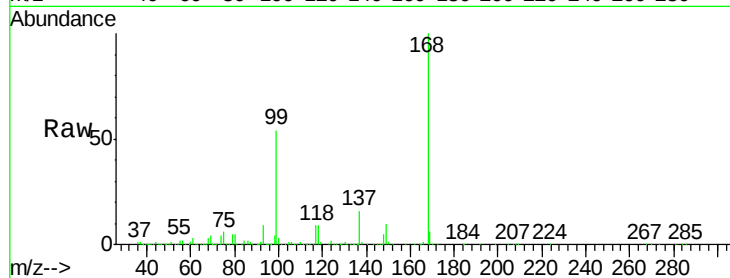
MH-117N-20200827

Tot Ion:168 Resp: 563626

Ion Ratio Lower Upper

168 100

99 54.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

150000

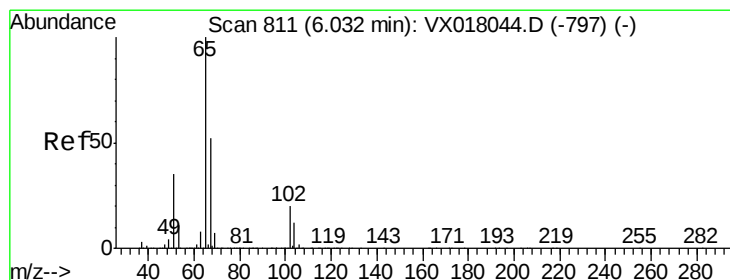
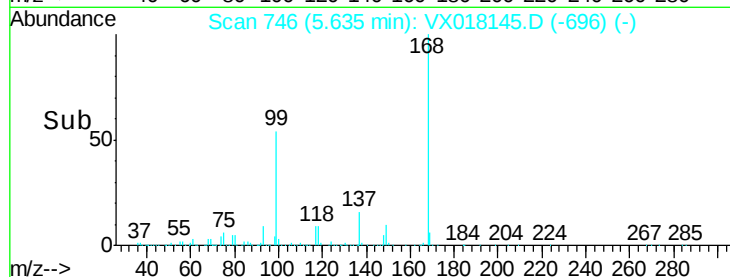
100000

50000

0

5.50 5.60 5.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.950 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018145.D

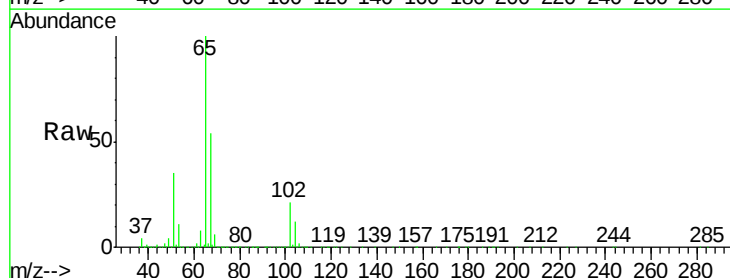
Acq: 31 Aug 2020 14:22

Tgt Ion: 65 Resp: 390836

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

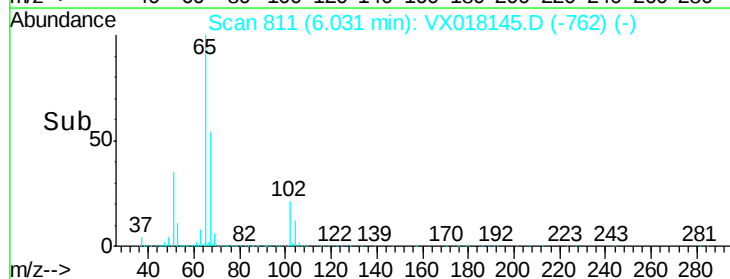
100000

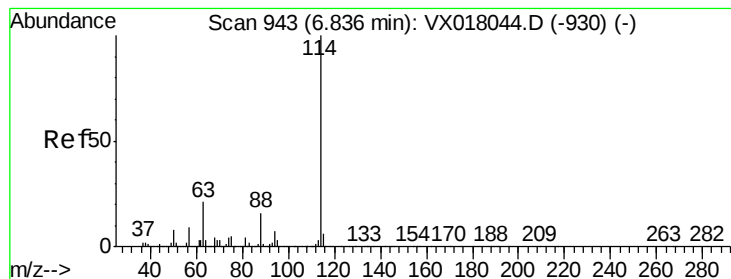
50000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018145.D

Acq: 31 Aug 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200827

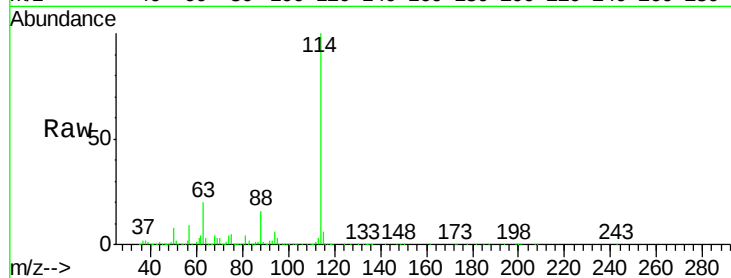
Tot Ion:114 Resp: 927381

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

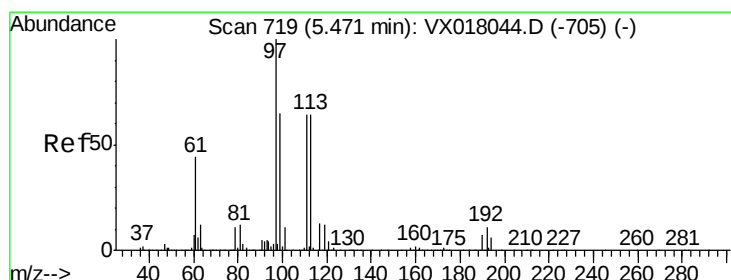
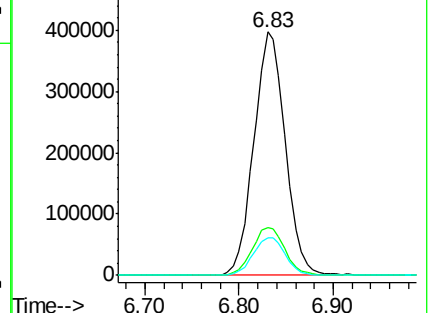
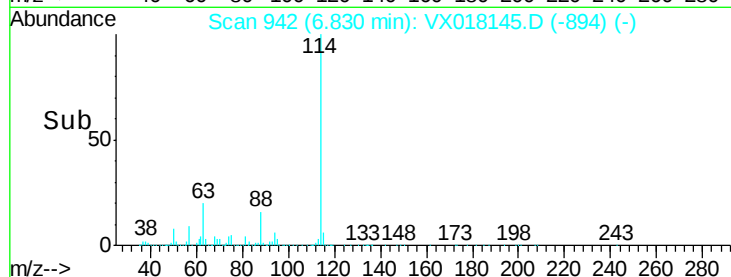
88 15.6 0.0 31.8



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: 48.708 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018145.D

Acq: 31 Aug 2020 14:22

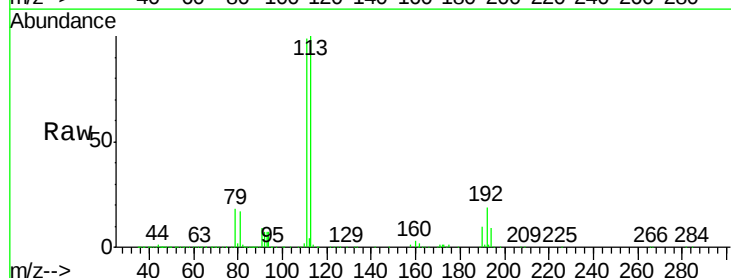
Tgt Ion:113 Resp: 307633

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

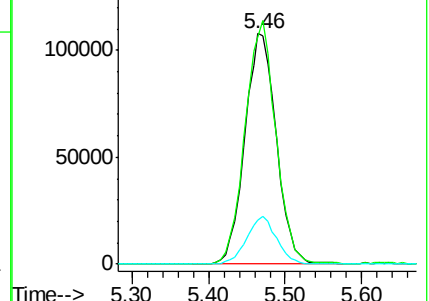
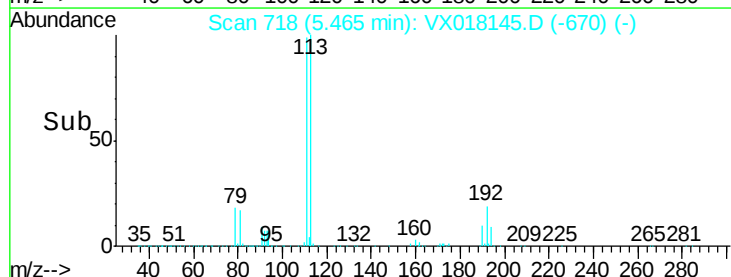
192 19.9 15.8 23.8

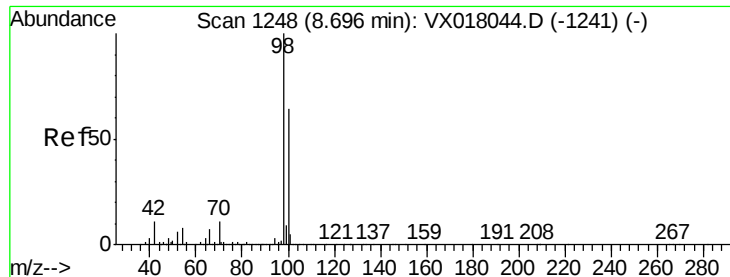


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.747 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018145.D

Acq: 31 Aug 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

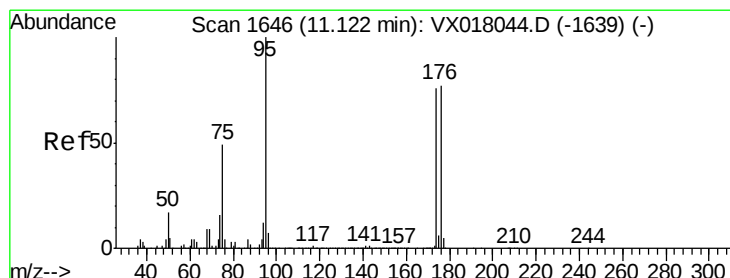
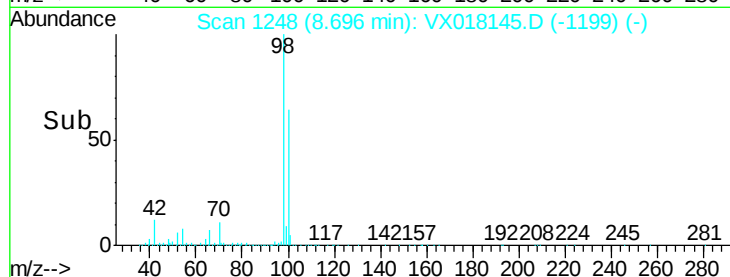
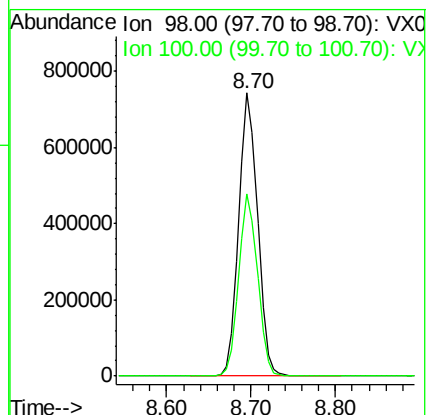
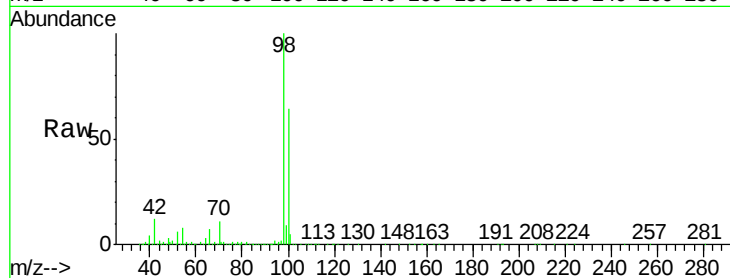
MH-117N-20200827

Tot Ion: 98 Resp: 1123201

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 44.817 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018145.D

Acq: 31 Aug 2020 14:22

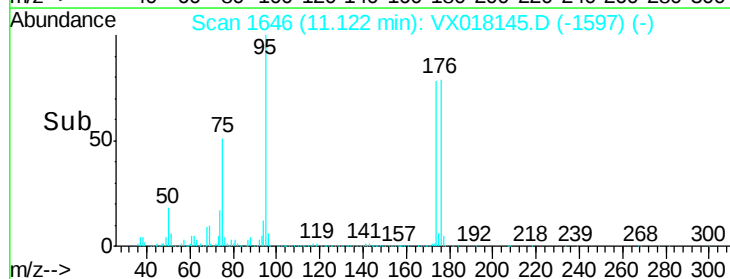
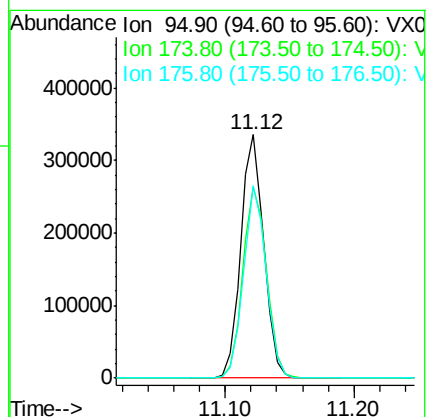
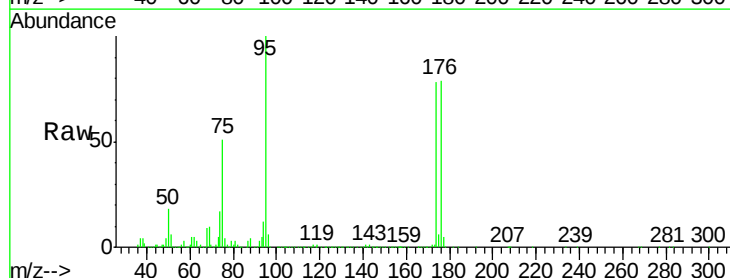
Tgt Ion: 95 Resp: 414798

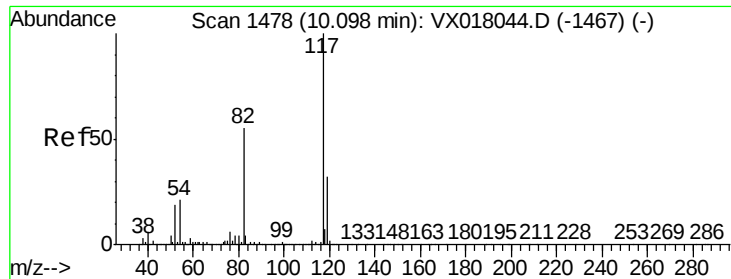
Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.2

176 77.4 0.0 155.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018145.D

Acq: 31 Aug 2020 14:22

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20200827

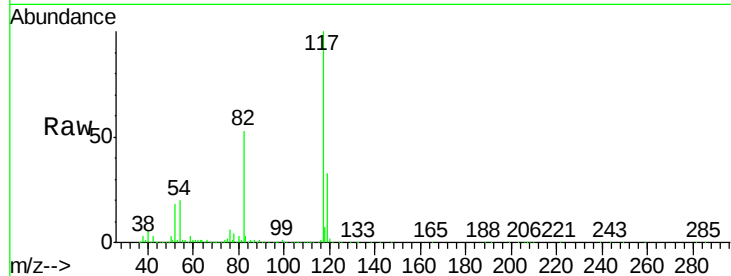
Tot Ion:117 Resp: 852403

Ion Ratio Lower Upper

117 100

82 53.3 44.2 66.2

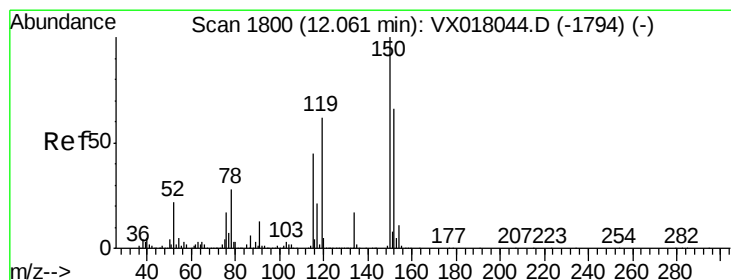
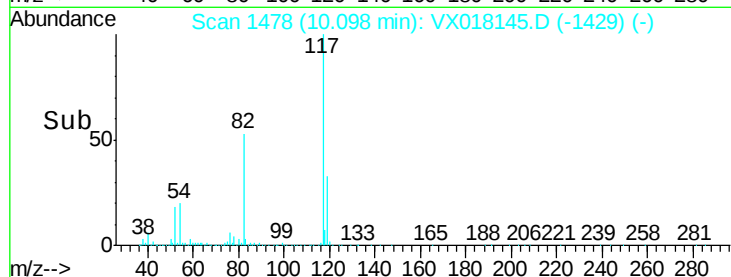
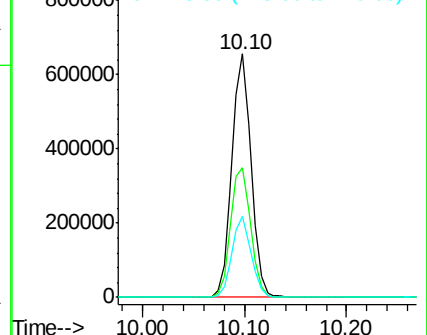
119 33.1 25.7 38.5



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: VX018145.D

Acq: 31 Aug 2020 14:22

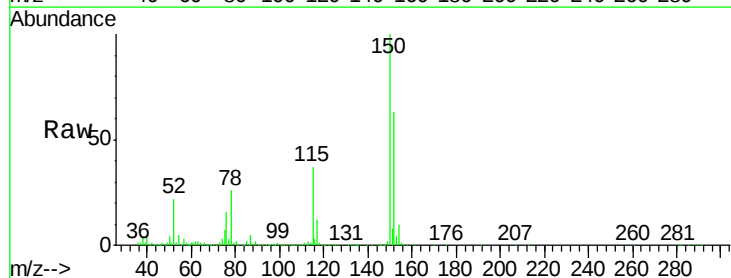
Tgt Ion:152 Resp: 418621

Ion Ratio Lower Upper

152 100

115 58.1 41.5 124.5

150 156.2 0.0 343.8



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

