

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018483.D
 Acq On : 18 Sep 2020 11:26
 Operator : JC/SP
 Sample : VX0918WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBL02

Quant Time: Sep 21 01:21:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	439534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	698515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	657623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	300925	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	311752	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.46	113	240009	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	8.70	98	841211	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.12	95	298182	42.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.46%	

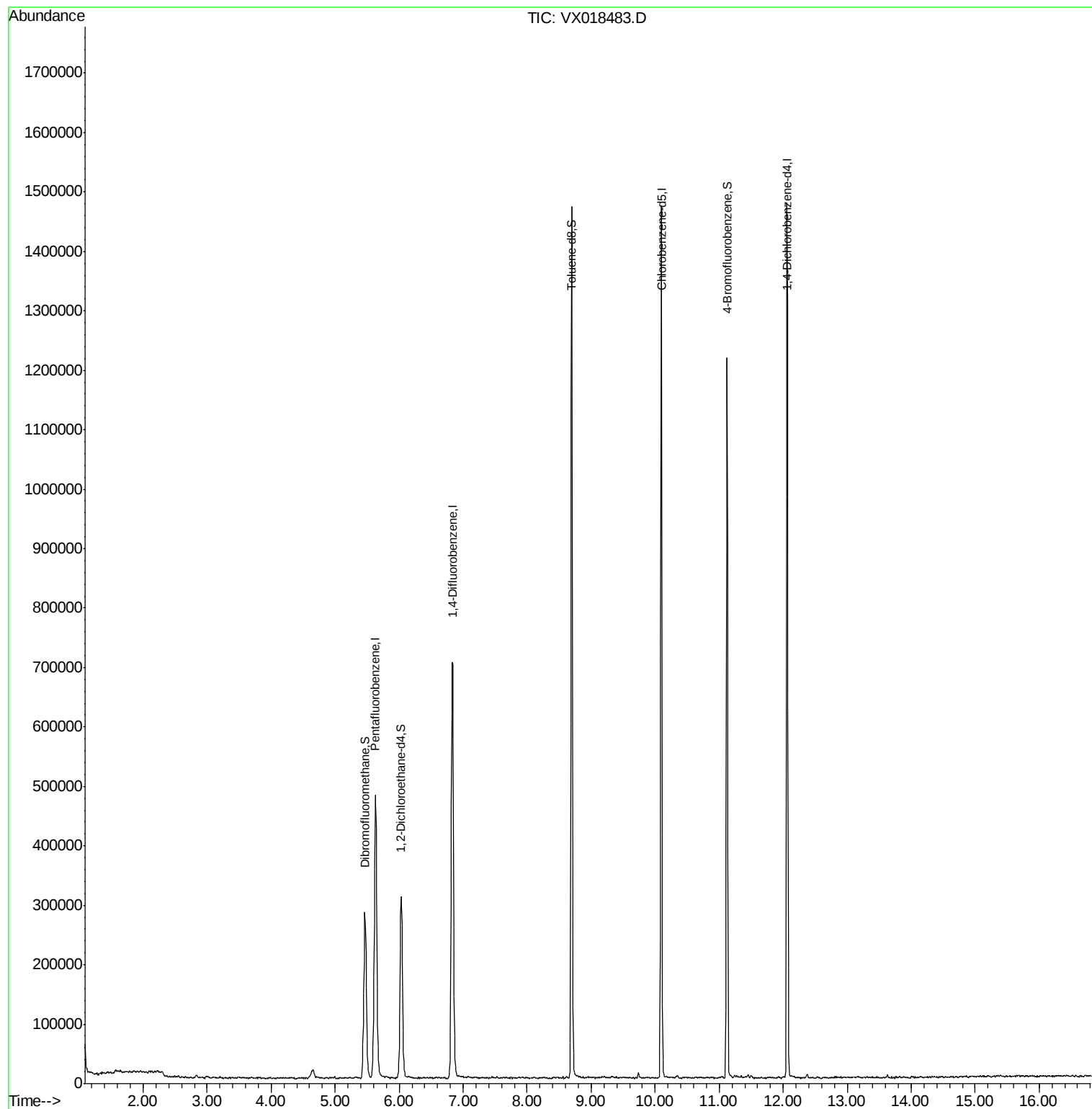
Target Compounds	Qvalue

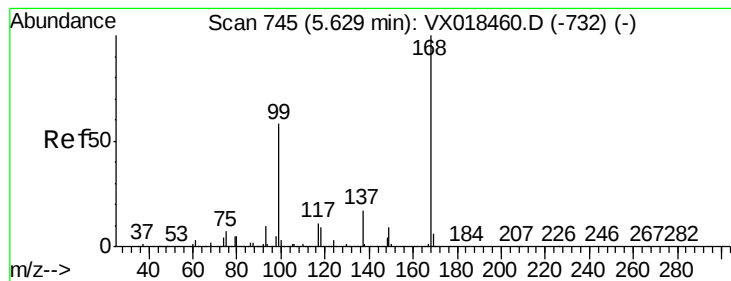
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018483.D

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Instrument :

MSVOA_X

ClientSampleId :

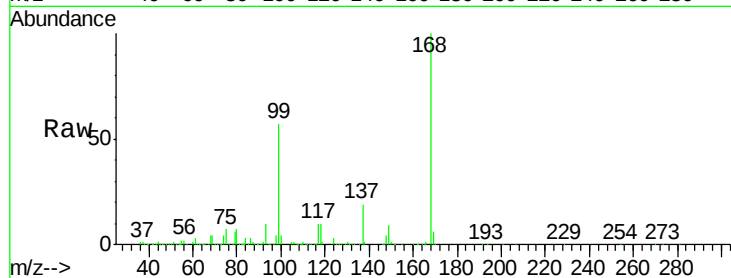
VX0918WBL02

Tot Ion:168 Resp: 439534

Ion Ratio Lower Upper

168 100

99 56.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

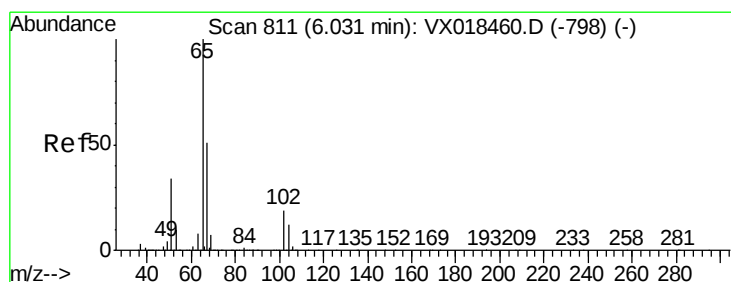
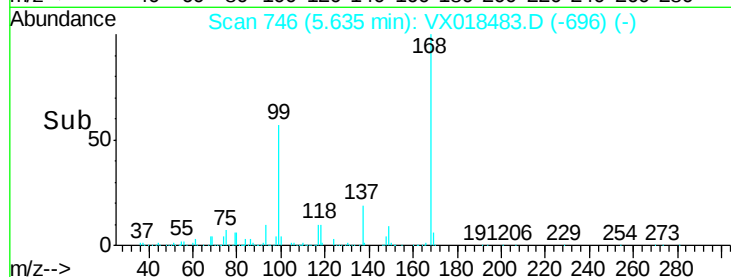
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.138 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018483.D

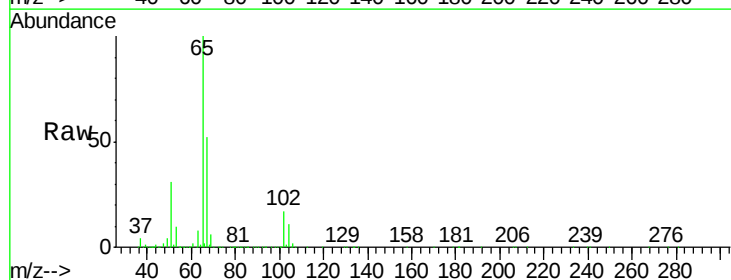
Acq: 18 Sep 2020 11:26

Tgt Ion: 65 Resp: 311752

Ion Ratio Lower Upper

65 100

67 50.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

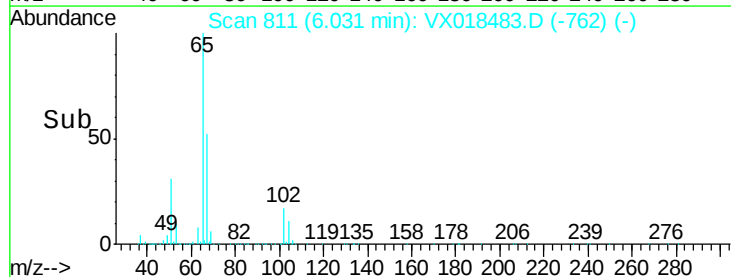
100000

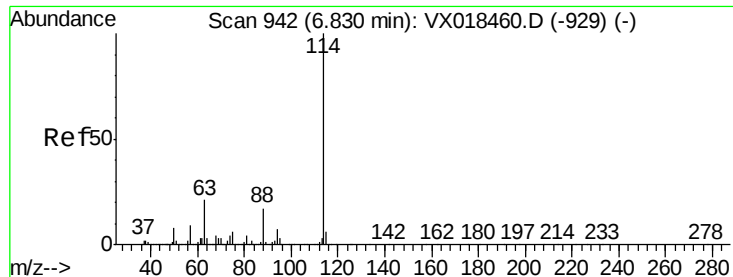
50000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018483.D

Acq: 18 Sep 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBL02

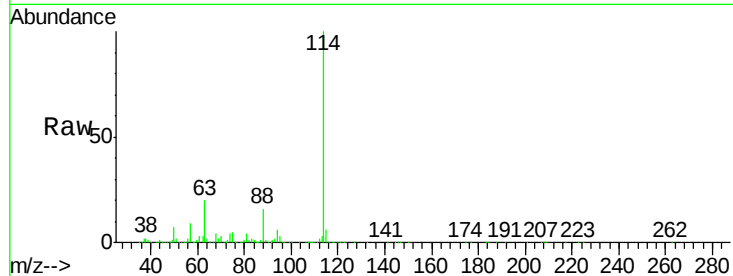
Tot Ion:114 Resp: 698515

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

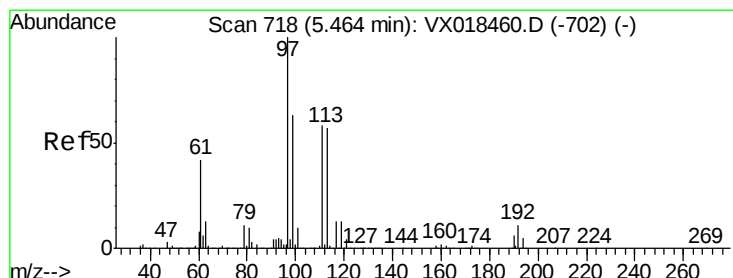
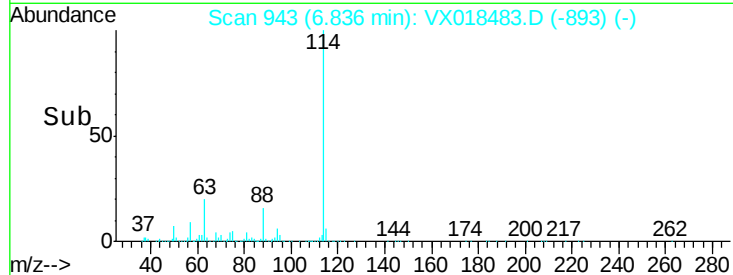
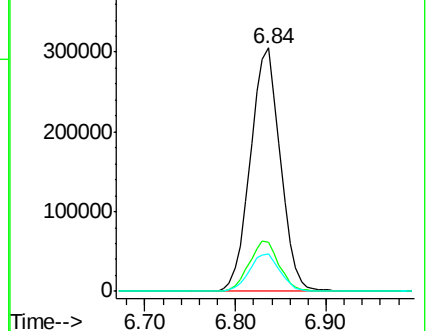
88 15.6 0.0 33.6



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: 49.702 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018483.D

Acq: 18 Sep 2020 11:26

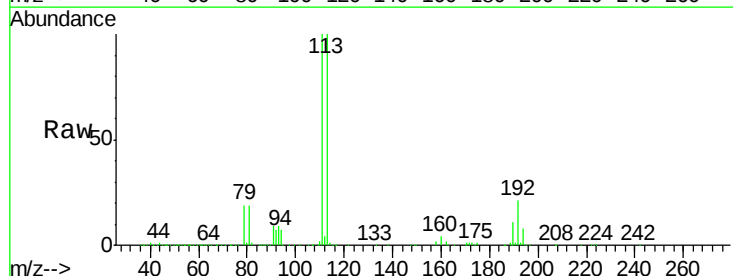
Tgt Ion:113 Resp: 240009

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.2

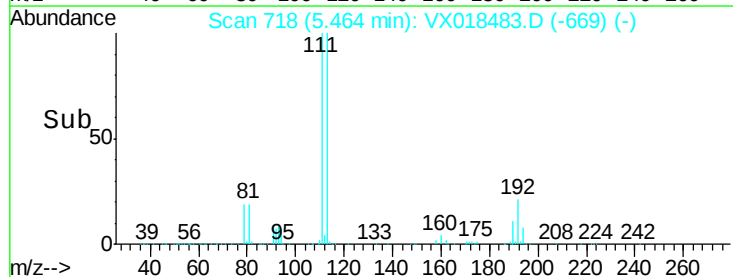
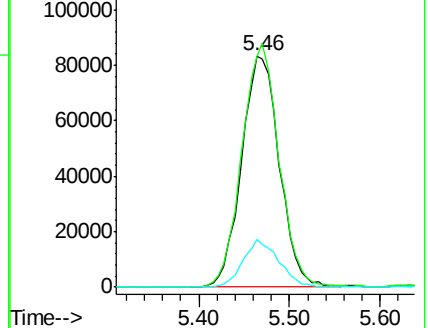
192 19.6 16.6 24.8

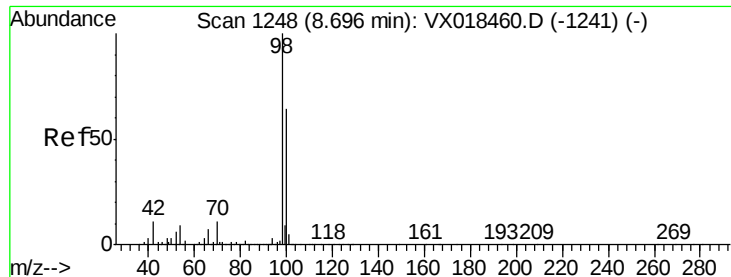


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.946 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018483.D

Acq: 18 Sep 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

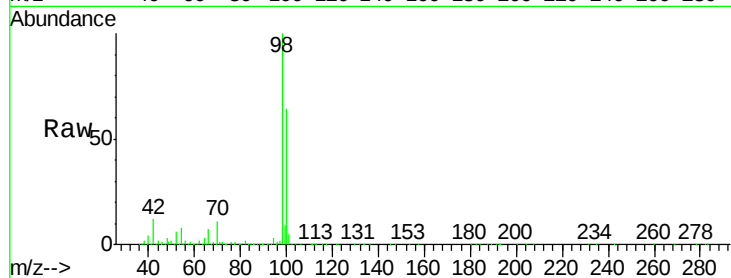
VX0918WBL02

Tot Ion: 98 Resp: 841211

Ion Ratio Lower Upper

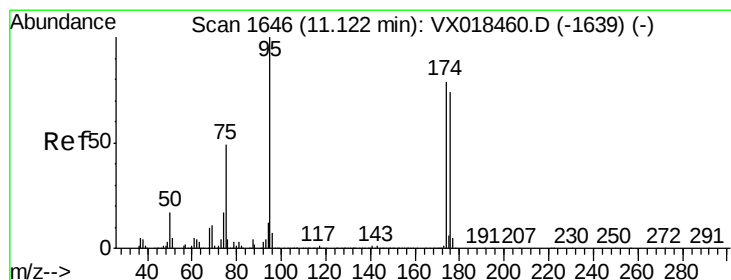
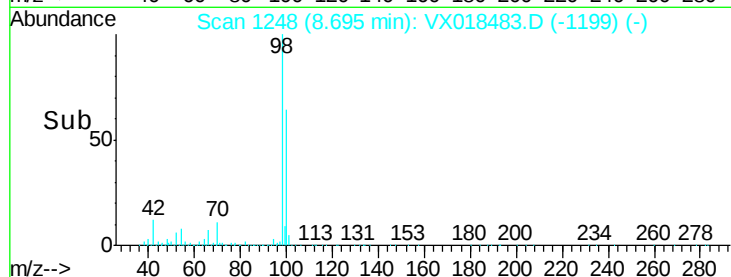
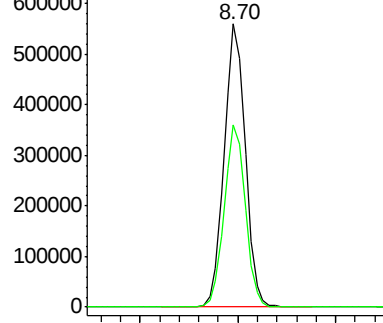
98 100

100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.725 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018483.D

Acq: 18 Sep 2020 11:26

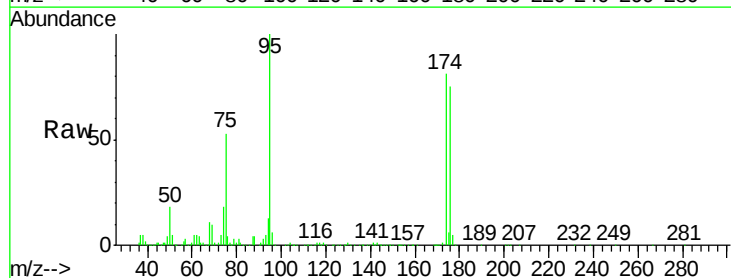
Tgt Ion: 95 Resp: 298182

Ion Ratio Lower Upper

95 100

174 83.0 0.0 161.4

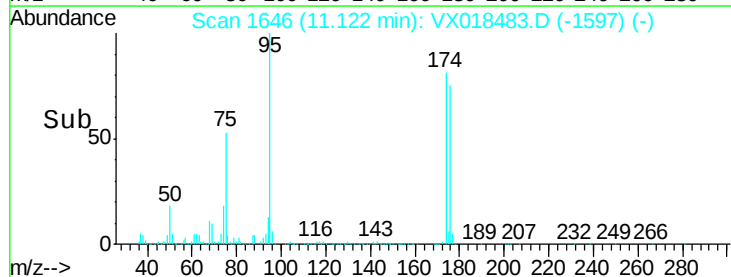
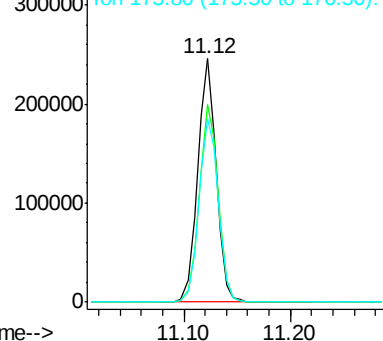
176 78.7 0.0 151.4

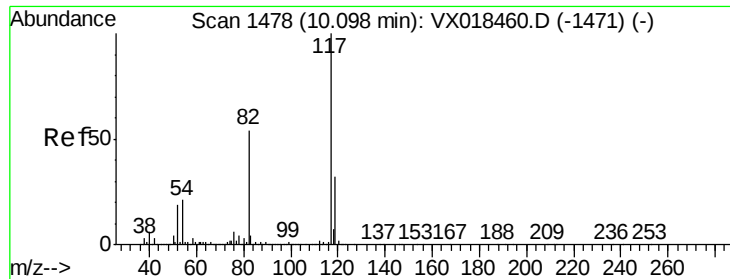


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX018483.D

Acq: 18 Sep 2020 11:26

Instrument :

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ClientSampleId :

VX0918WBL02

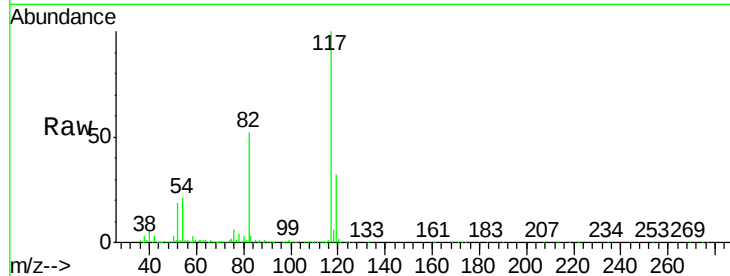
Tot Ion:117 Resp: 657623

Ion Ratio Lower Upper

117 100

82 52.0 43.3 64.9

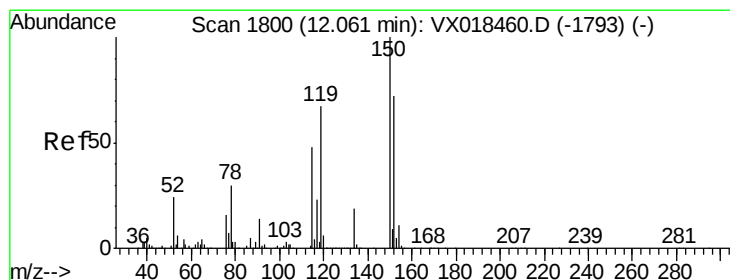
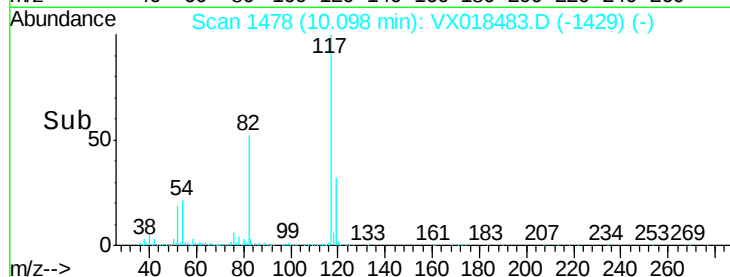
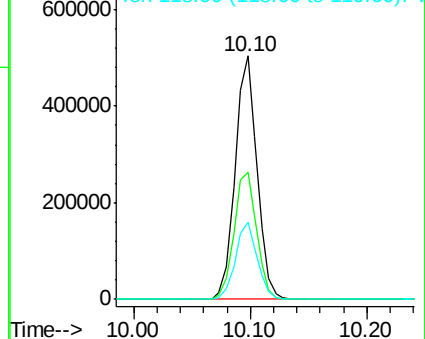
119 31.6 25.9 38.9



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: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX018483.D

Acq: 18 Sep 2020 11:26

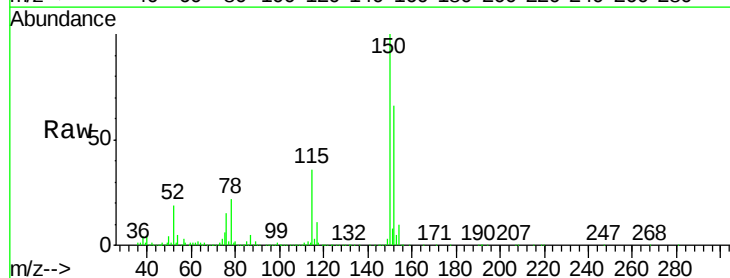
Tgt Ion:152 Resp: 300925

Ion Ratio Lower Upper

152 100

115 60.6 41.8 125.4

150 159.0 0.0 342.4



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

