

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016887.D
 Acq On : 19 Jun 2020 18:08
 Operator : JC/SP
 Sample : L3020-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01_061520

Quant Time: Jun 22 04:07:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	228929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	392769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	398554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196427	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	133587	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	5.46	113	132283	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	8.70	98	486626	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.12	95	182860	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

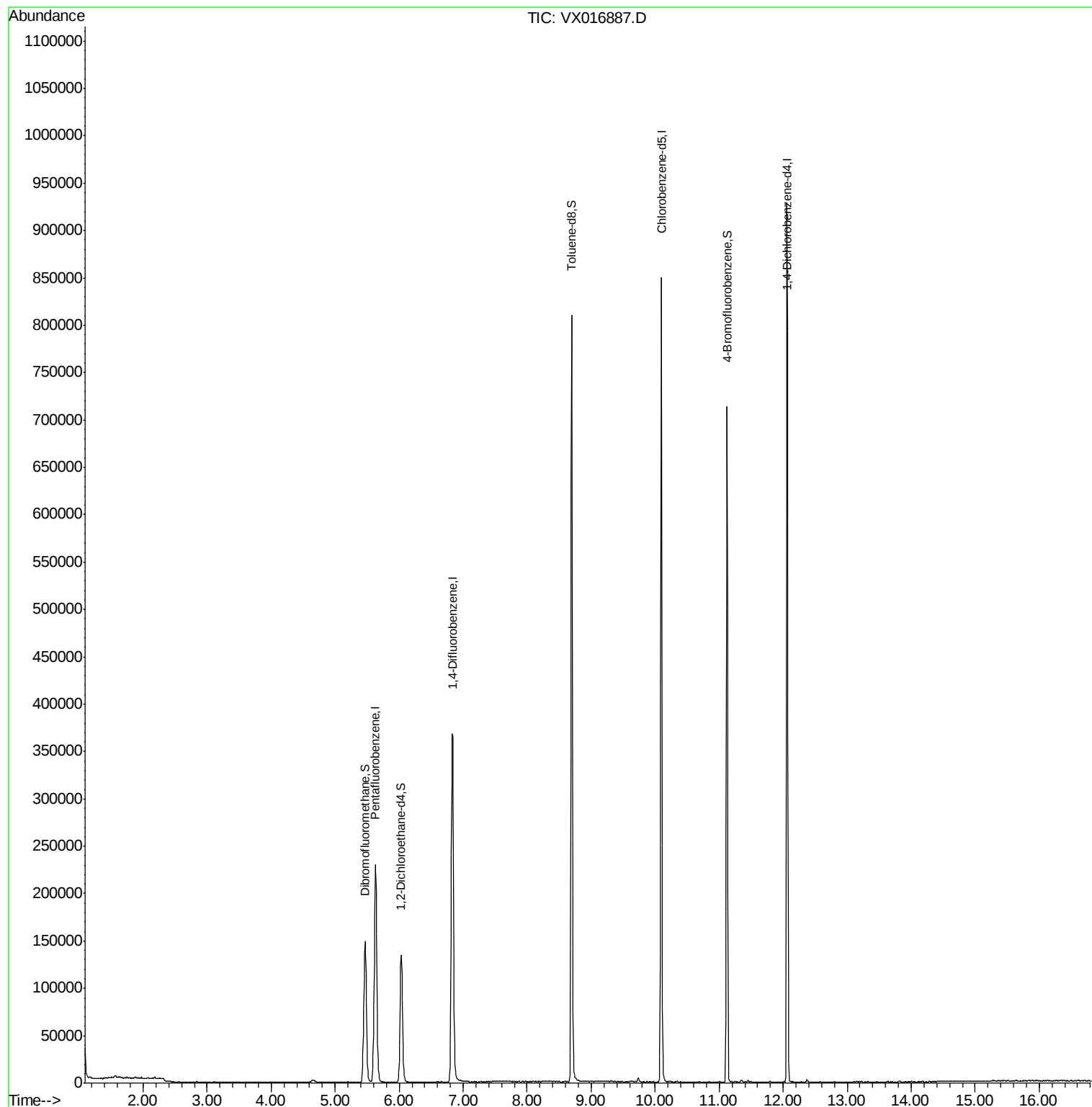
Target Compounds	Qvalue
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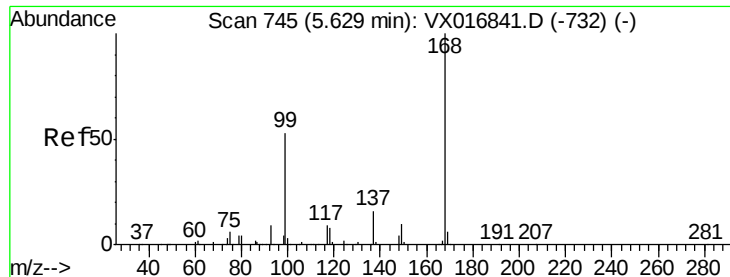
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016887.D

Acq: 19 Jun 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

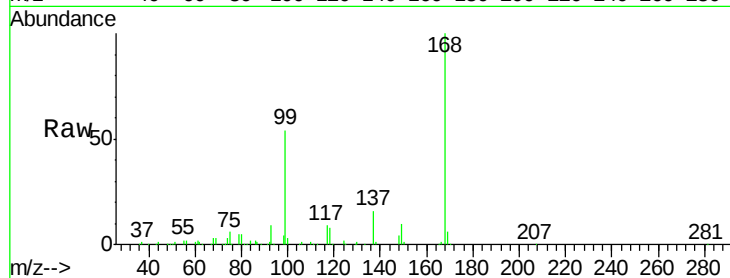
TB-01_061520

Tot Ion:168 Resp: 228929

Ion Ratio Lower Upper

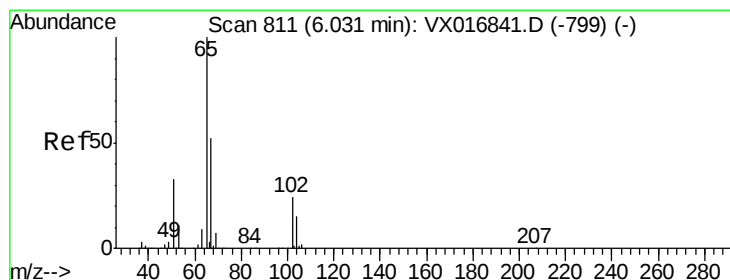
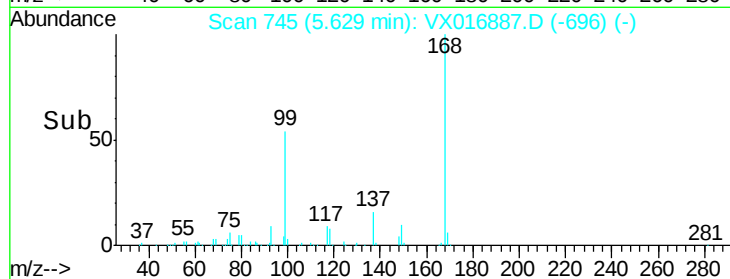
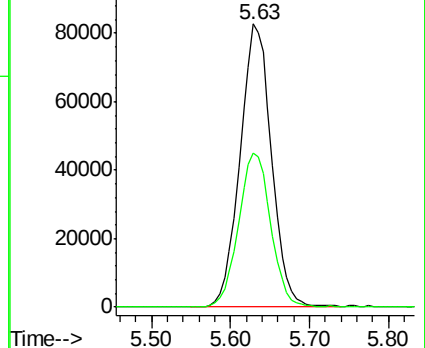
168 100

99 54.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.519 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016887.D

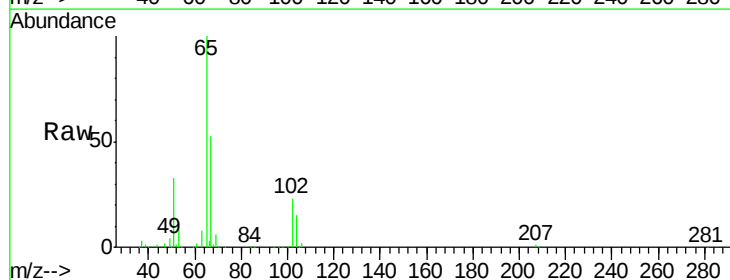
Acq: 19 Jun 2020 18:08

Tgt Ion: 65 Resp: 133587

Ion Ratio Lower Upper

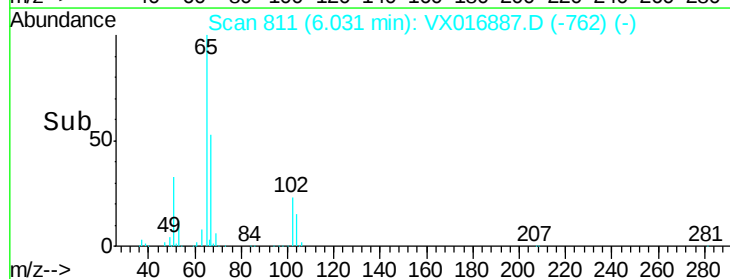
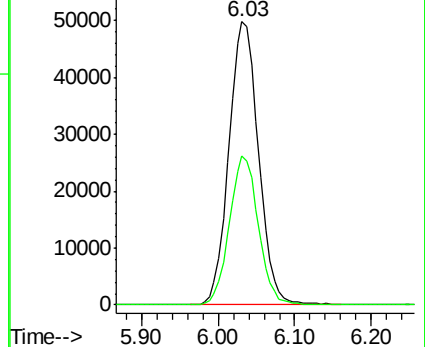
65 100

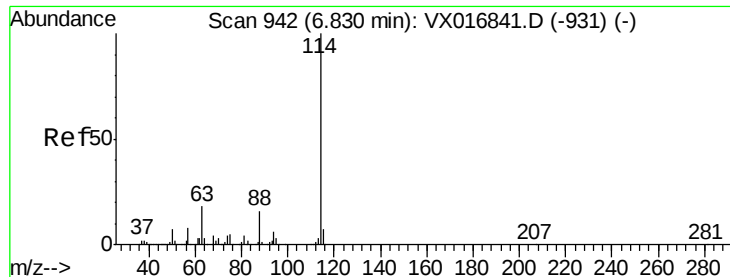
67 51.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016887.D

Acq: 19 Jun 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

TB-01_061520

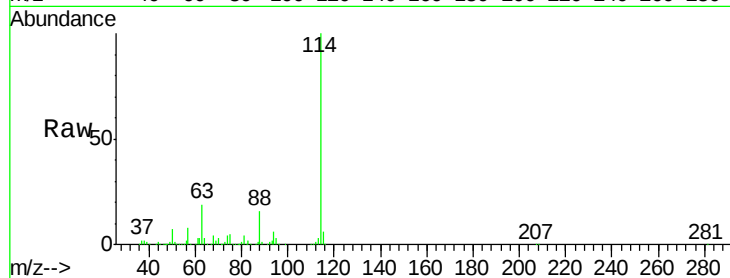
Tot Ion:114 Resp: 392769

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.0

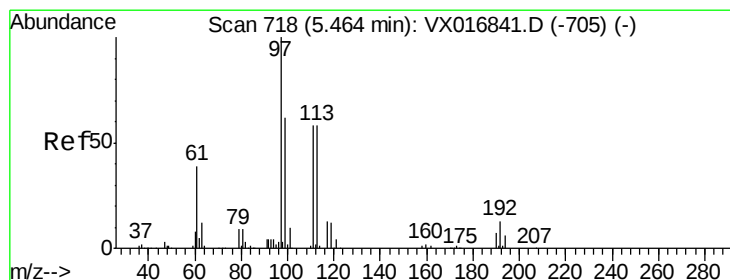
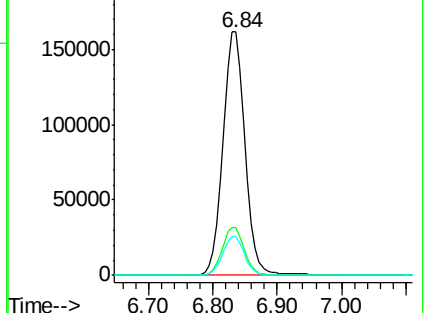
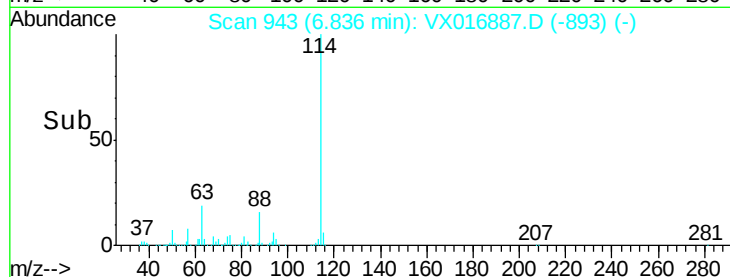
88 16.1 0.0 32.0



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: 52.649 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016887.D

Acq: 19 Jun 2020 18:08

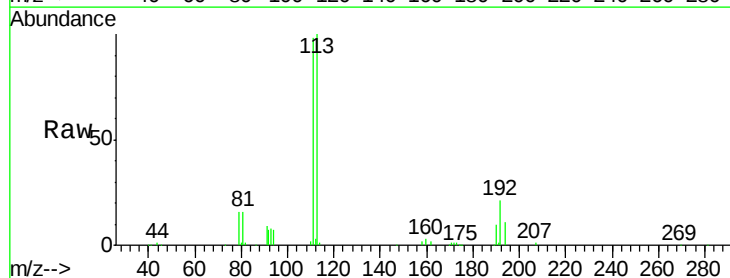
Tgt Ion:113 Resp: 132283

Ion Ratio Lower Upper

113 100

111 101.8 81.0 121.4

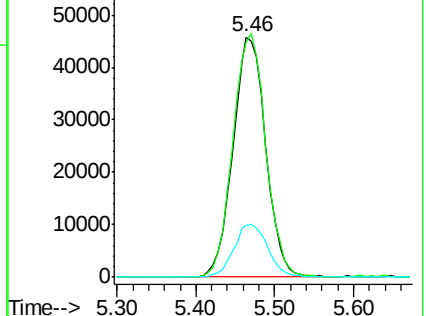
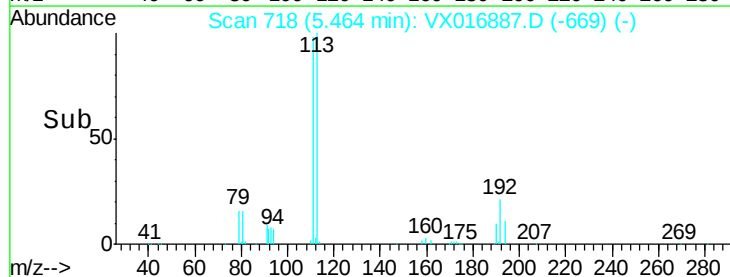
192 22.6 18.5 27.7

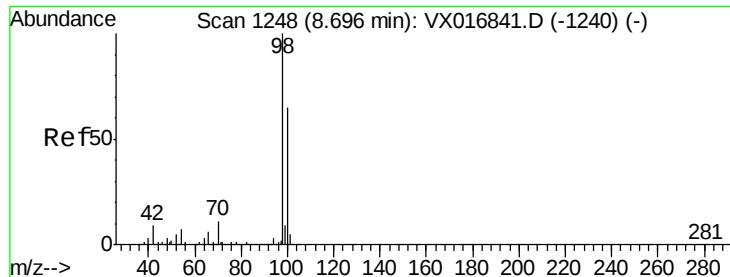


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.409 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016887.D

Acq: 19 Jun 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

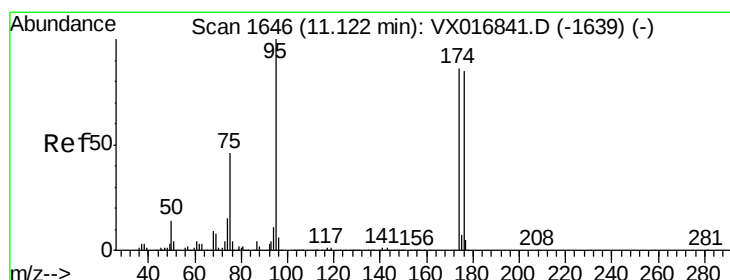
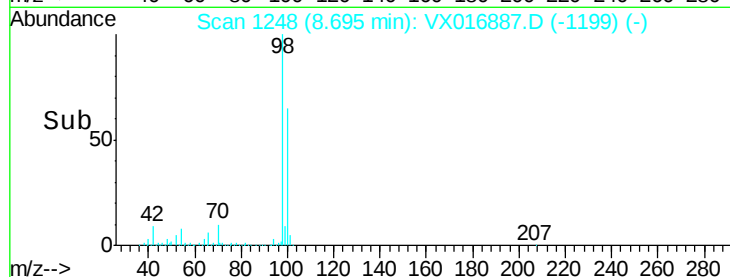
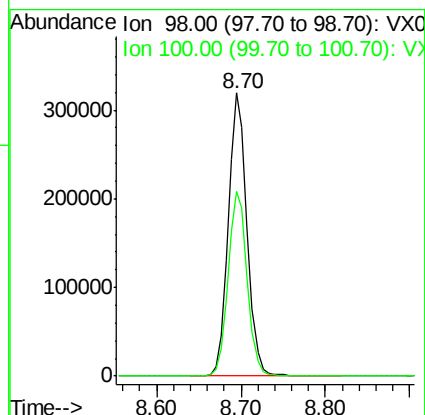
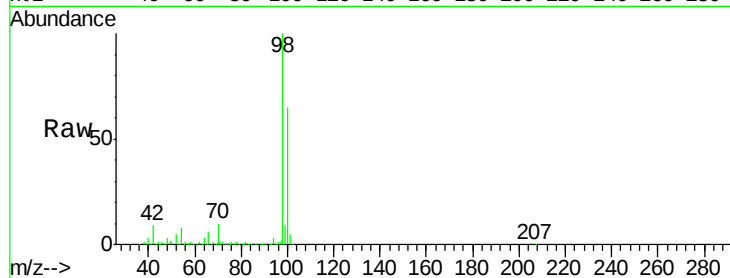
TB-01_061520

Tot Ion: 98 Resp: 486626

Ion Ratio Lower Upper

98 100

100 66.4 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 47.478 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016887.D

Acq: 19 Jun 2020 18:08

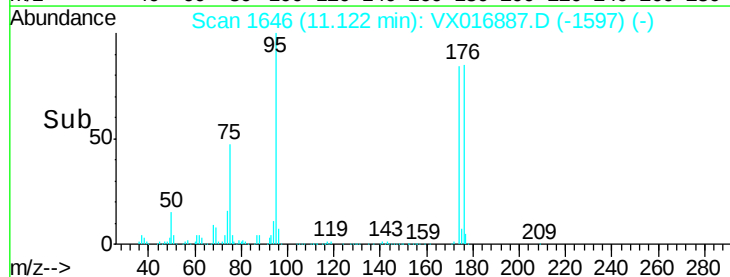
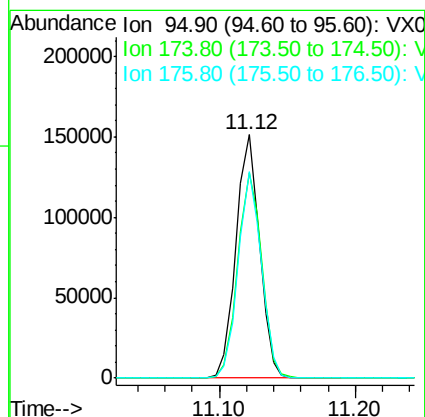
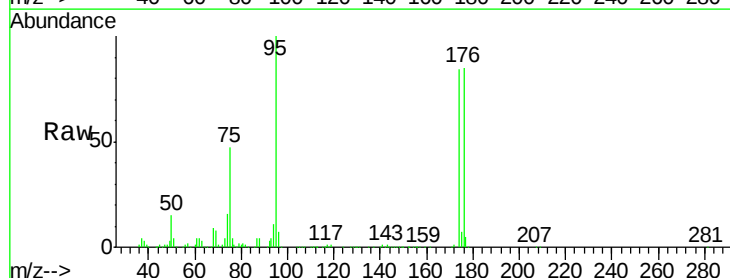
Tgt Ion: 95 Resp: 182860

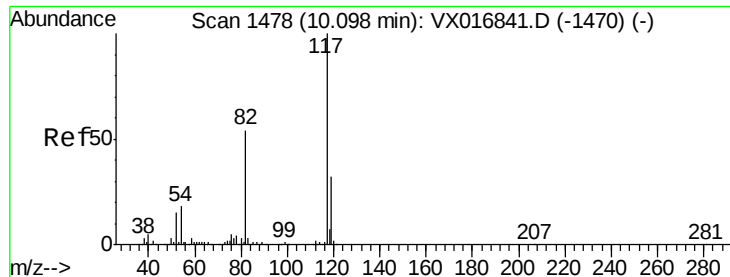
Ion Ratio Lower Upper

95 100

174 86.0 0.0 174.2

176 83.8 0.0 170.0

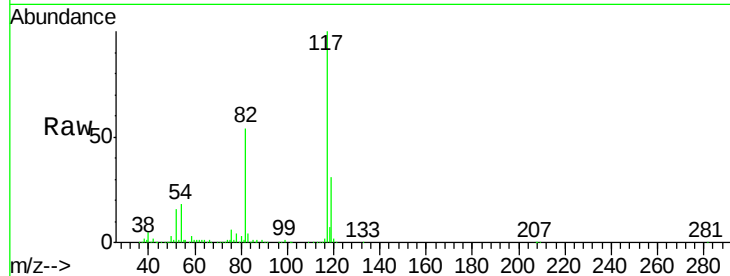




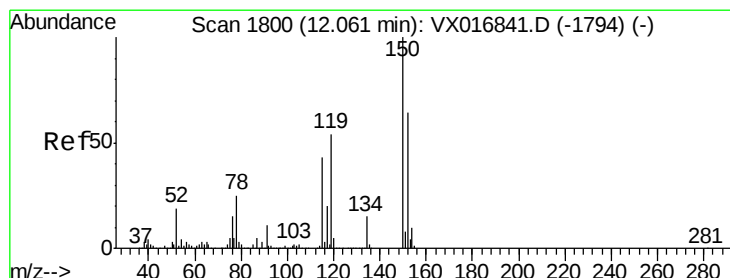
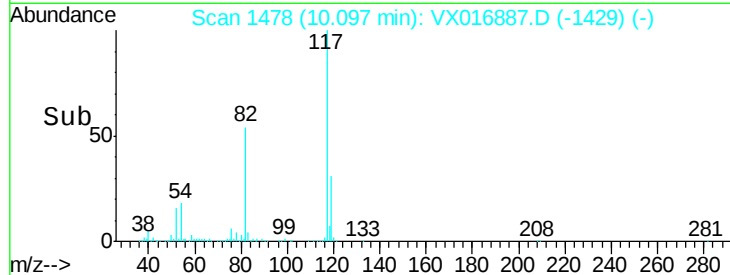
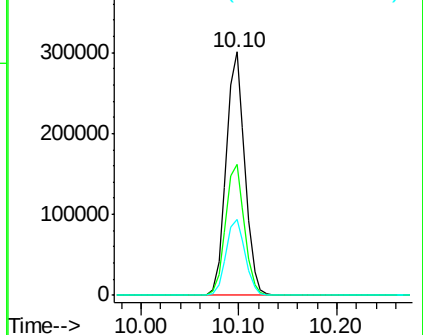
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016887.D
Acq: 19 Jun 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
TB-01_061520

Tot Ion:117 Resp: 398554
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.3 25.7 38.5

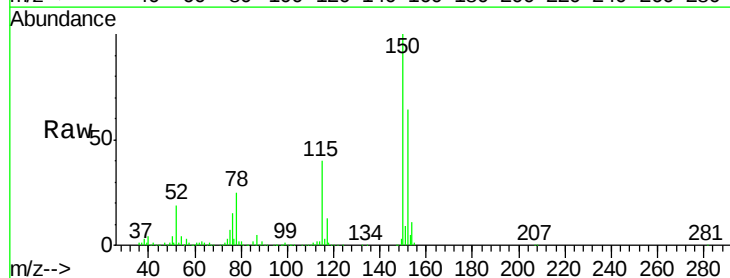


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016887.D
Acq: 19 Jun 2020 18:08

Tgt Ion:152 Resp: 196427
Ion Ratio Lower Upper
152 100
115 58.6 40.9 122.8
150 155.9 0.0 344.2



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

