

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016888.D
 Acq On : 19 Jun 2020 18:31
 Operator : JC/SP
 Sample : L3020-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02_061620

Quant Time: Jun 22 05:10:16 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	220298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	359732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	397217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191627	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	131996	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	5.47	113	124729	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
50) Toluene-d8	8.70	98	418303	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
62) 4-Bromofluorobenzene	11.12	95	175546	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

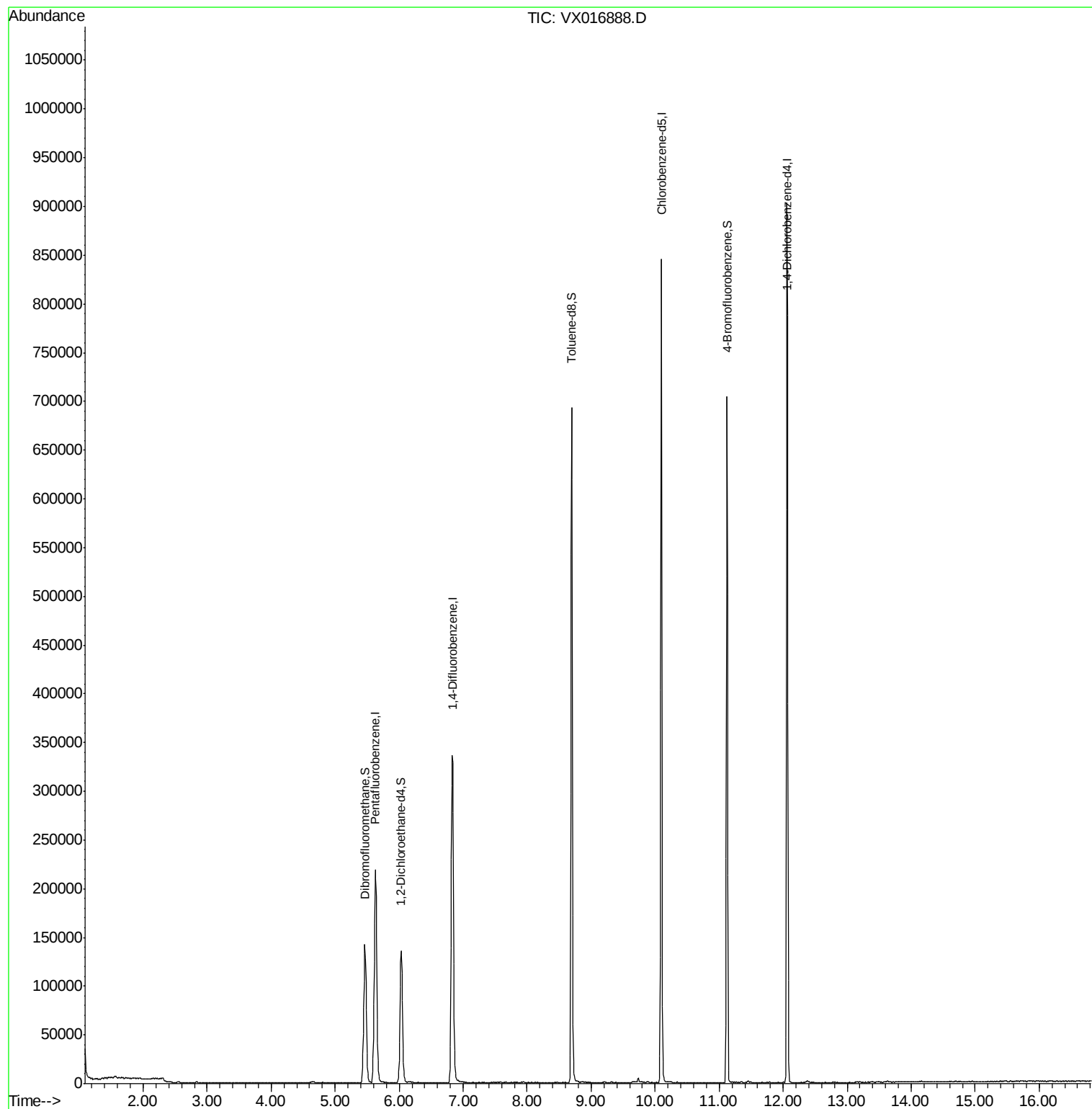
Target Compounds	Qvalue

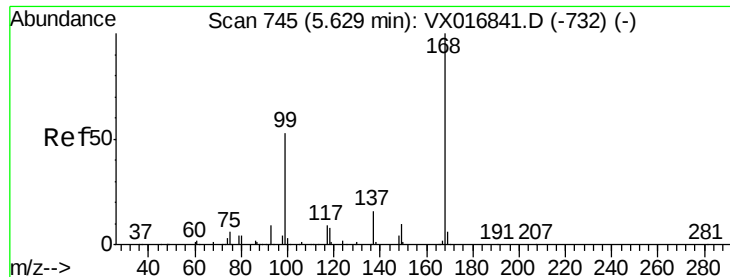
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016888.D

Acq: 19 Jun 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

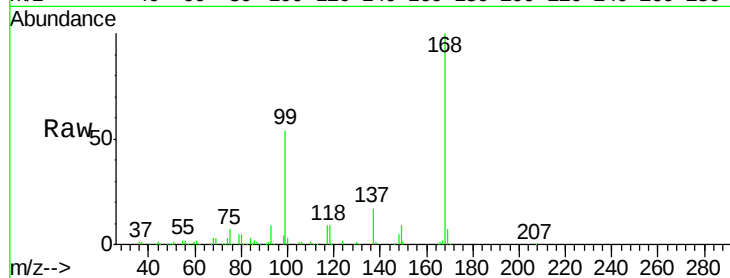
TB-02_061620

Tot Ion:168 Resp: 220298

Ion Ratio Lower Upper

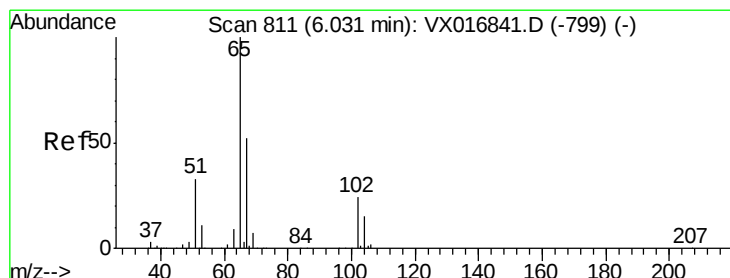
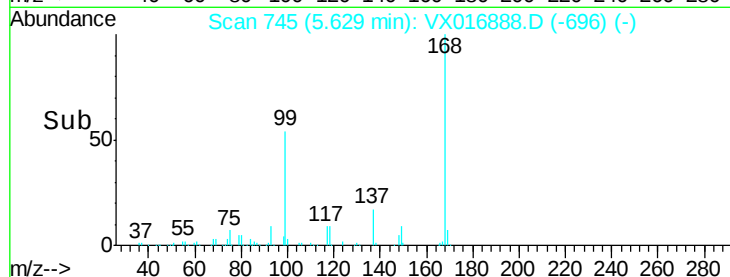
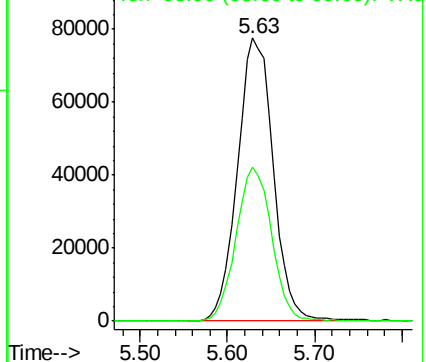
168 100

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: 49.820 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016888.D

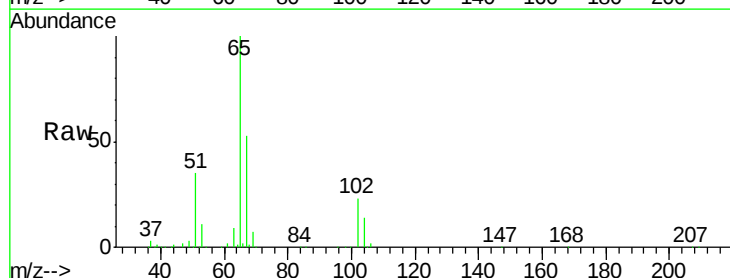
Acq: 19 Jun 2020 18:31

Tgt Ion: 65 Resp: 131996

Ion Ratio Lower Upper

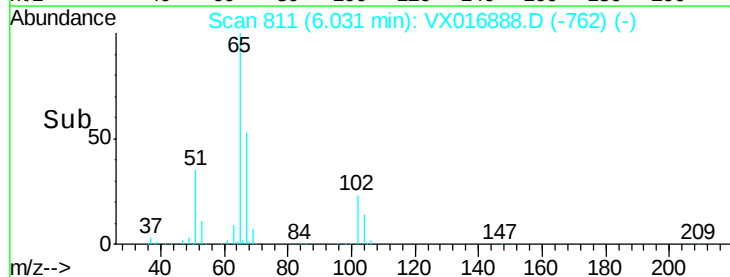
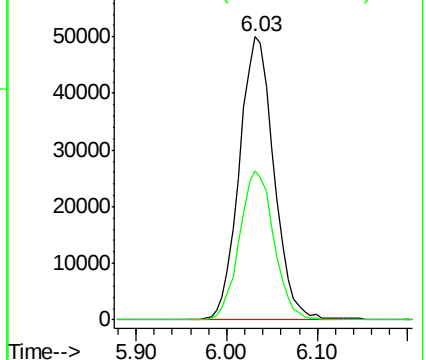
65 100

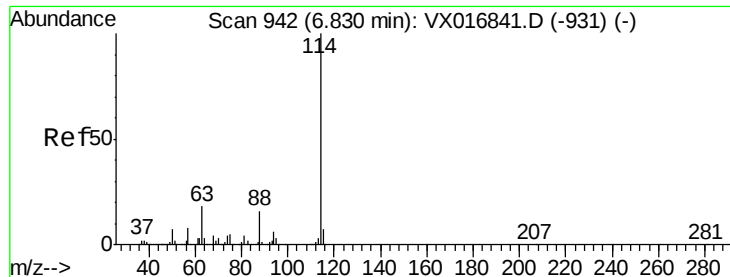
67 52.6 0.0 102.6



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016888.D

Acq: 19 Jun 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

TB-02_061620

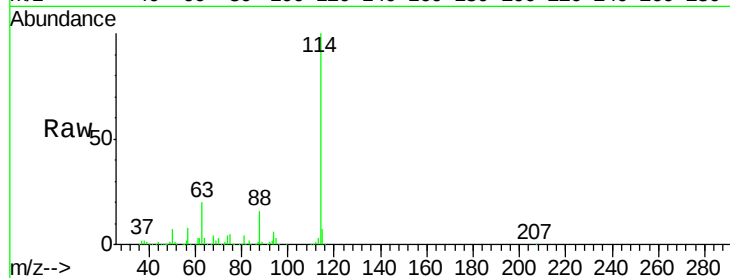
Tot Ion:114 Resp: 359732

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.0

88 16.3 0.0 32.0

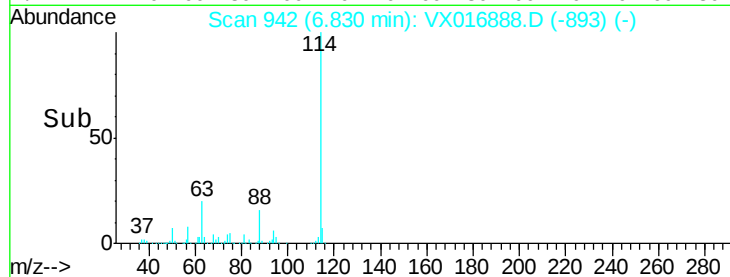


Abundance Ion 113.90 (113.60 to 114.60): V

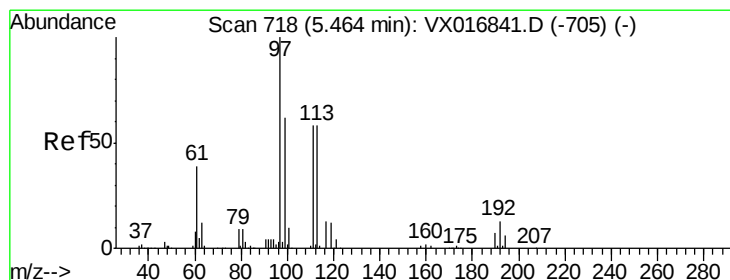
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83



Time-->



#35

Dibromofluoromethane

Concen: 54.202 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016888.D

Acq: 19 Jun 2020 18:31

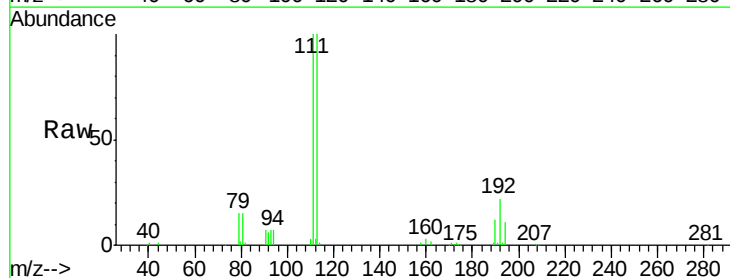
Tgt Ion:113 Resp: 124729

Ion Ratio Lower Upper

113 100

111 103.2 81.0 121.4

192 22.6 18.5 27.7

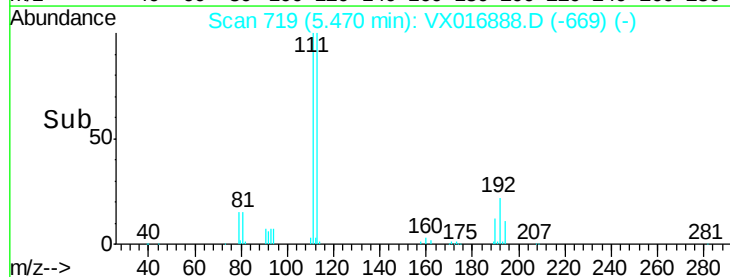


Abundance Ion 112.80 (112.50 to 113.50): V

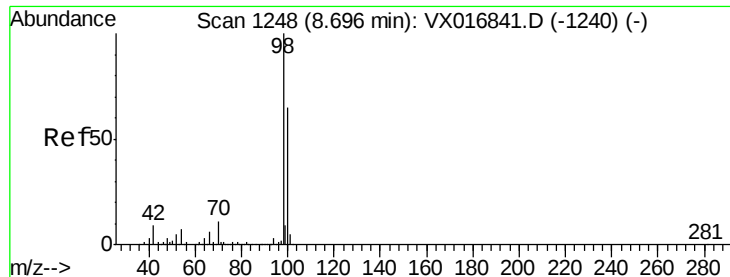
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.47



Time-->



#50

Toluene-d8

Concen: 45.434 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016888.D

Acq: 19 Jun 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

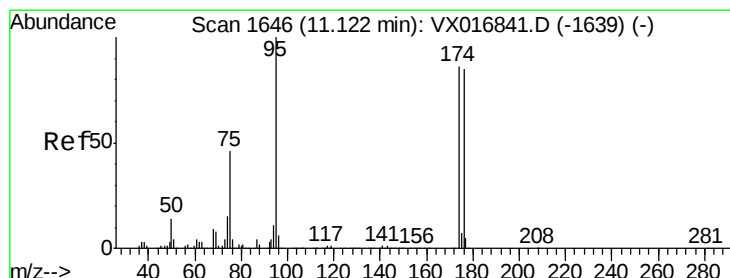
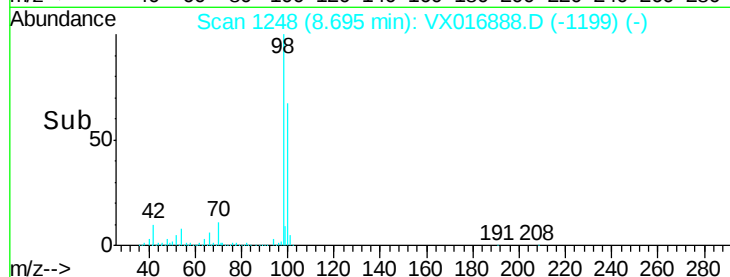
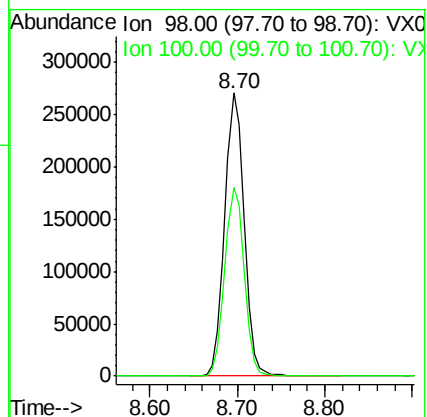
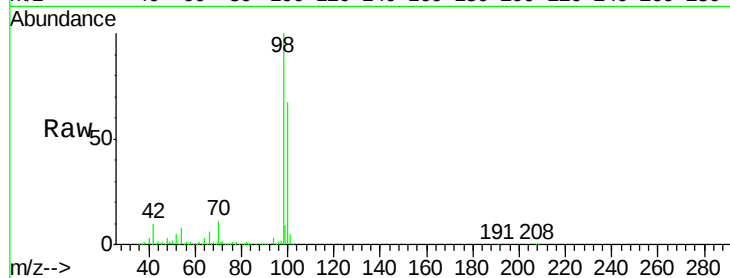
TB-02_061620

Tot Ion: 98 Resp: 418303

Ion Ratio Lower Upper

98 100

100 67.0 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 49.765 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016888.D

Acq: 19 Jun 2020 18:31

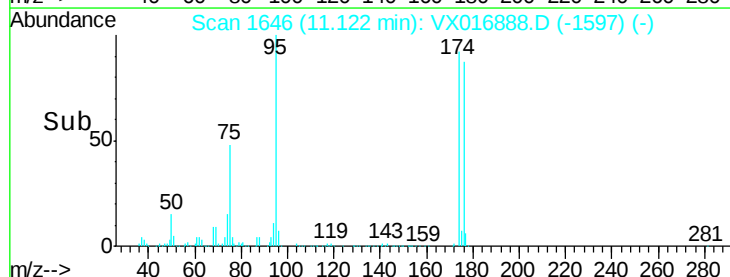
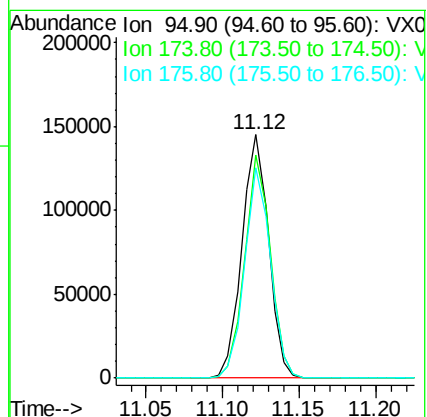
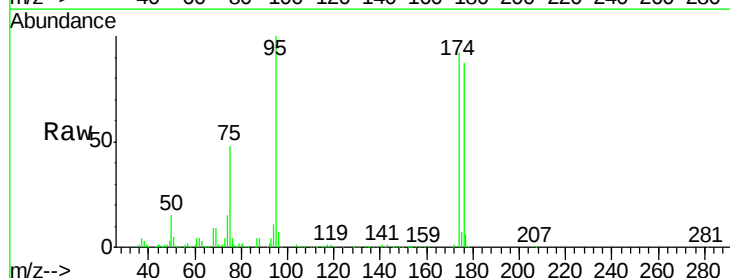
Tgt Ion: 95 Resp: 175546

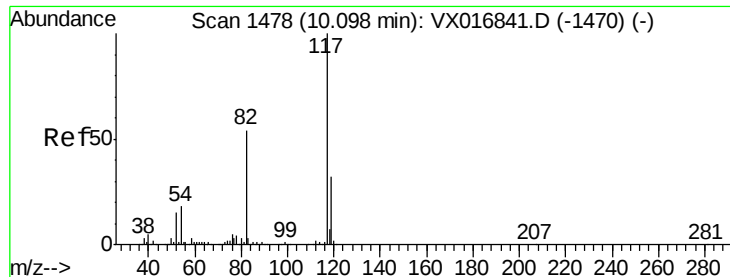
Ion Ratio Lower Upper

95 100

174 88.8 0.0 174.2

176 84.3 0.0 170.0

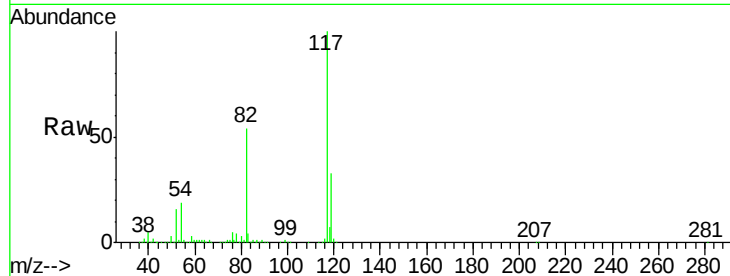




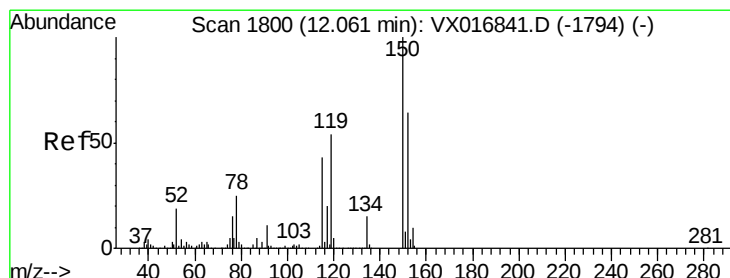
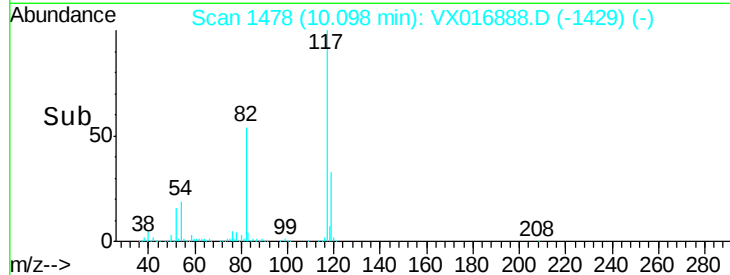
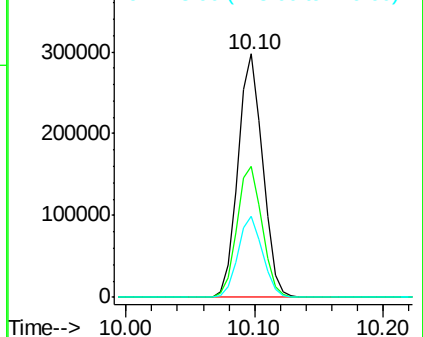
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016888.D
Acq: 19 Jun 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
TB-02_061620

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.4	65.0
119	33.1	25.7	38.5

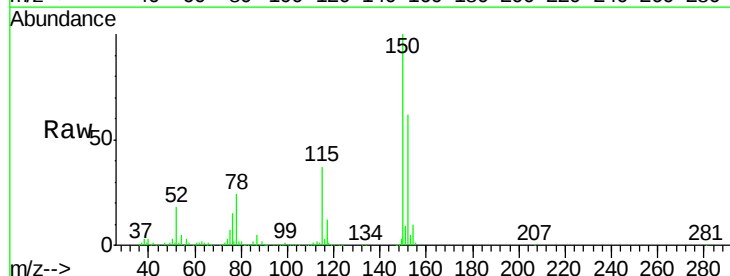


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016888.D
Acq: 19 Jun 2020 18:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	40.9	122.8
150	158.3	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

