

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
 Data File : VX017142.D
 Acq On : 02 Jul 2020 12:53
 Operator : JC/SP
 Sample : VX0702WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBL02

Quant Time: Jul 03 01:07:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	208821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	346589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	352974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174991	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	138623	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
35) Dibromofluoromethane	5.46	113	115687	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
50) Toluene-d8	8.70	98	418071	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.12	95	170404	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	

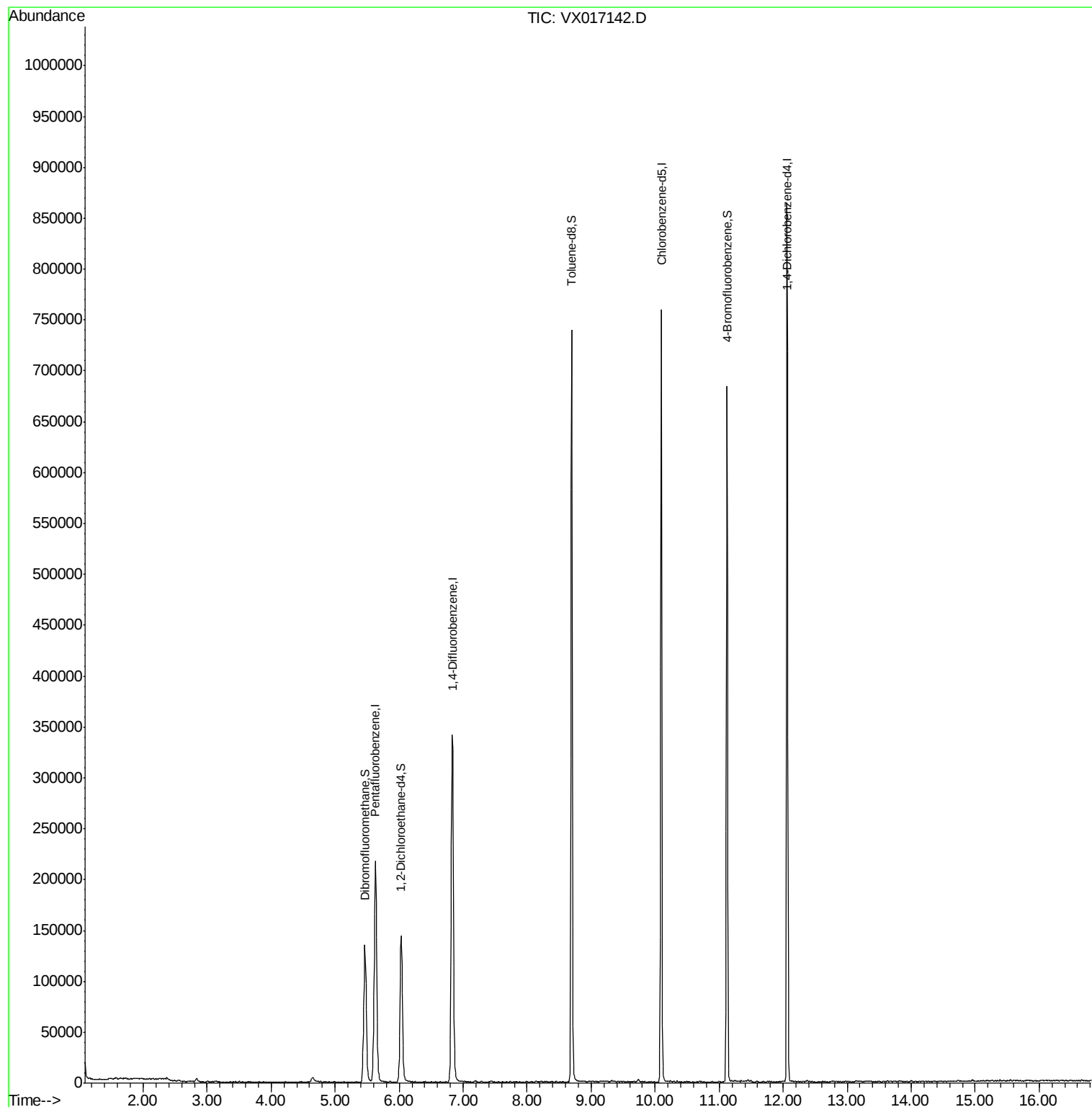
Target Compounds	Qvalue

(#) = 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

Lab File: VX017142.D

Acq: 02 Jul 2020 12:53

Instrument :

MSVOA_X

ClientSampleId :

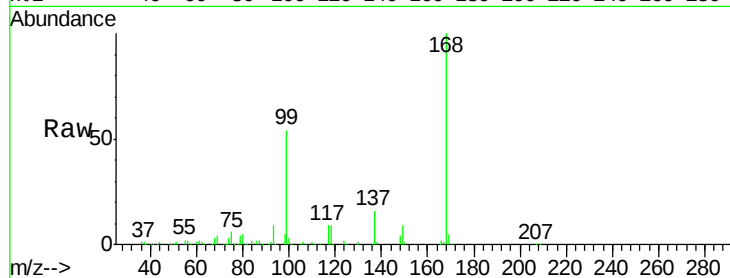
VX0702WBL02

Tot Ion:168 Resp: 208821

Ion Ratio Lower Upper

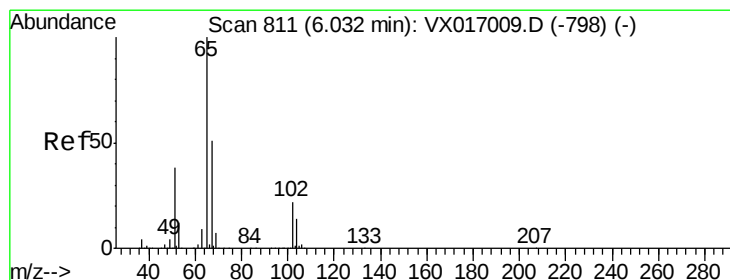
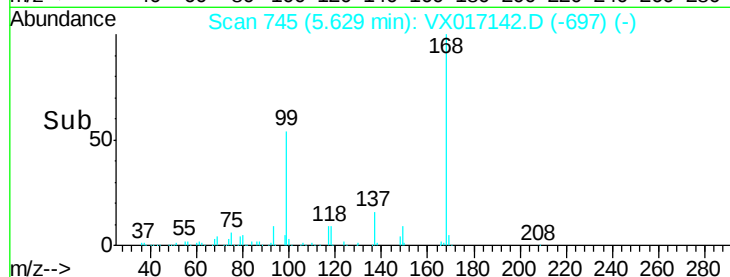
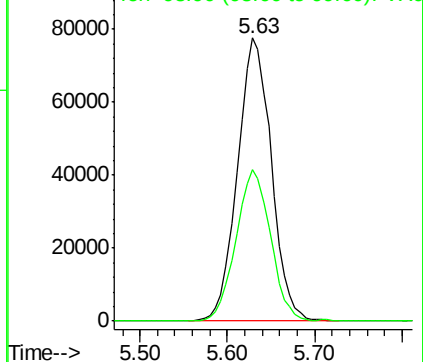
168 100

99 53.5 42.6 64.0



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: 53.848 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017142.D

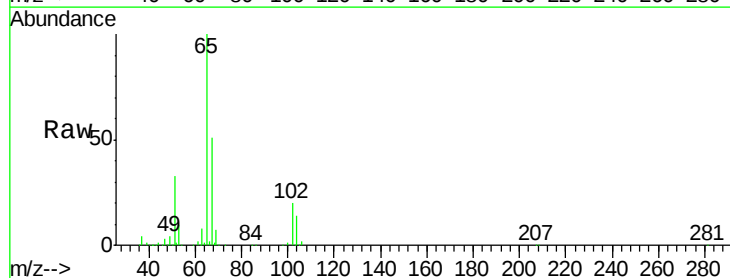
Acq: 02 Jul 2020 12:53

Tgt Ion: 65 Resp: 138623

Ion Ratio Lower Upper

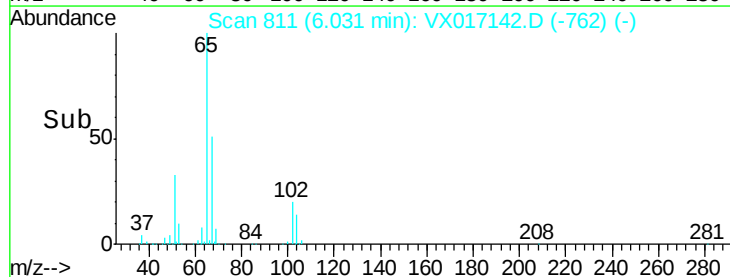
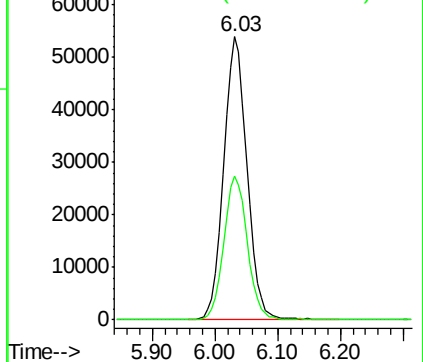
65 100

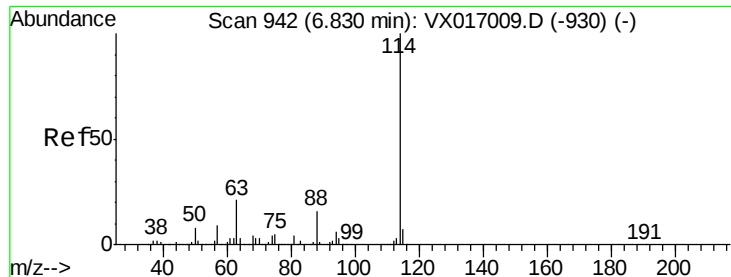
67 50.9 0.0 103.8



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: VX017142.D

Acq: 02 Jul 2020 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBL02

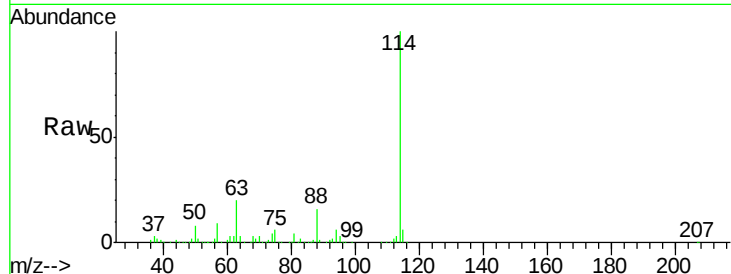
Tot Ion:114 Resp: 346589

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

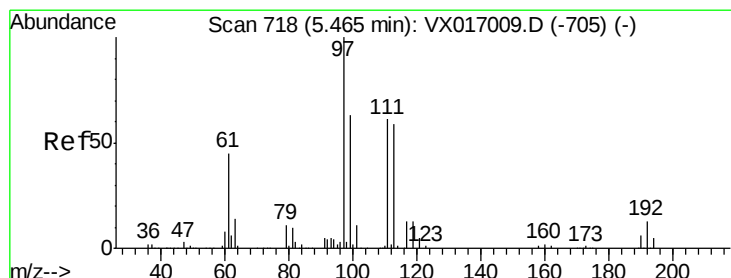
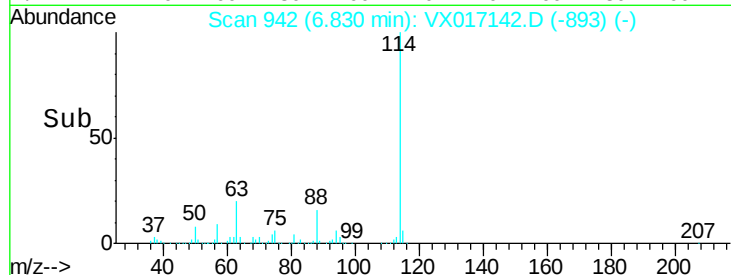
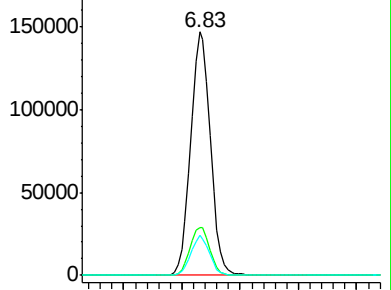
88 16.3 0.0 32.4



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



#35

Dibromofluoromethane

Concen: 52.767 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017142.D

Acq: 02 Jul 2020 12:53

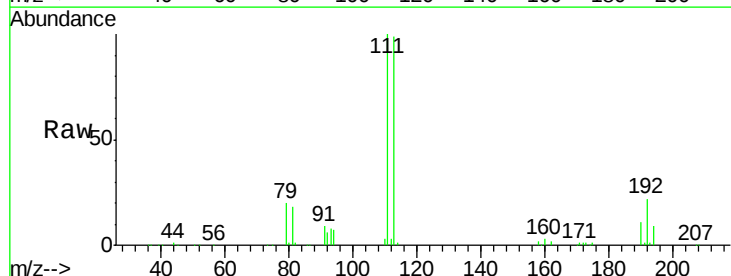
Tgt Ion:113 Resp: 115687

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

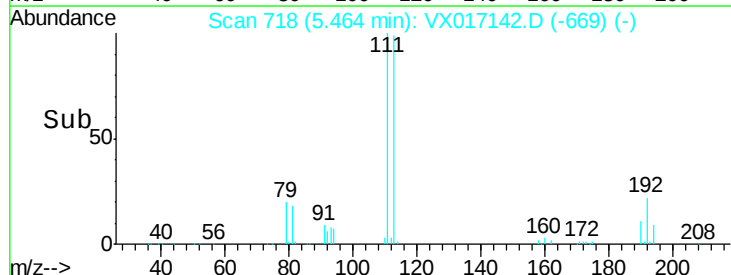
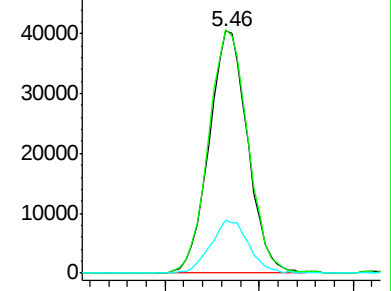
192 21.6 16.7 25.1

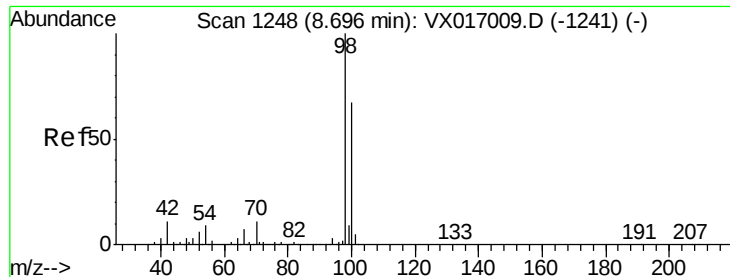


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.568 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017142.D

Acq: 02 Jul 2020 12:53

Instrument :

MSVOA_X

ClientSampleId :

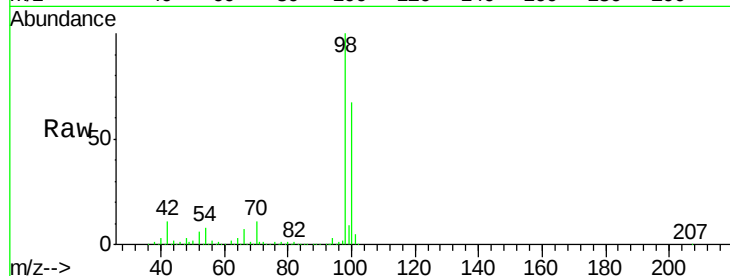
VX0702WBL02

Tot Ion: 98 Resp: 418071

Ion Ratio Lower Upper

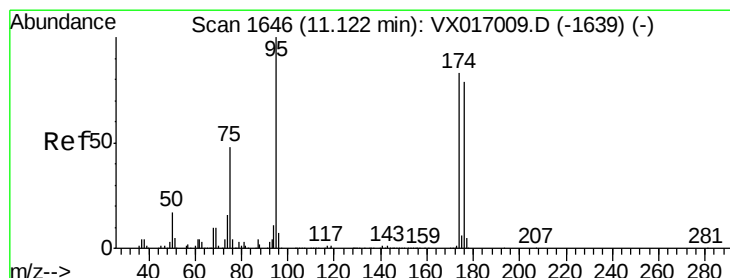
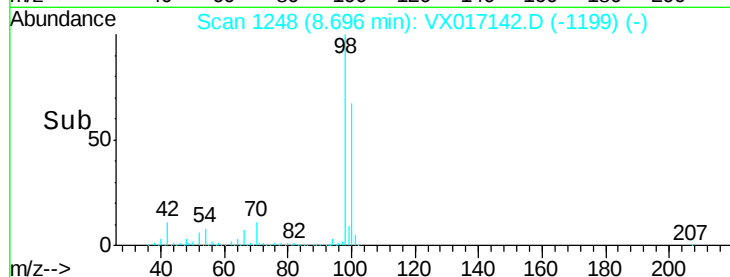
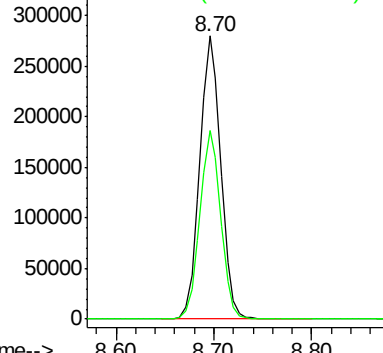
98 100

100 66.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 53.769 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017142.D

Acq: 02 Jul 2020 12:53

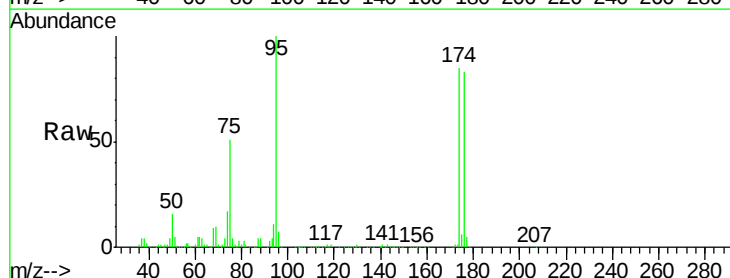
Tgt Ion: 95 Resp: 170404

Ion Ratio Lower Upper

95 100

174 84.7 0.0 164.0

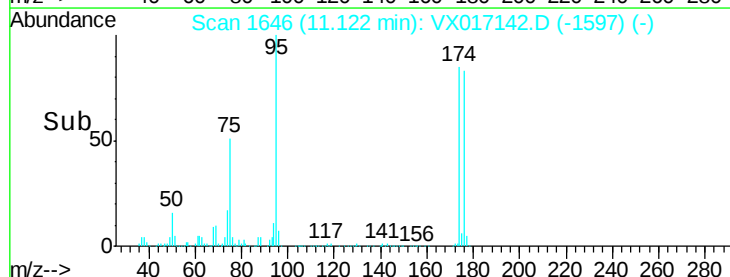
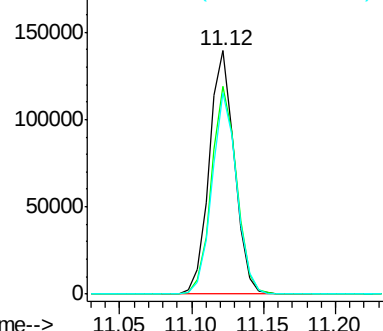
176 80.6 0.0 157.6

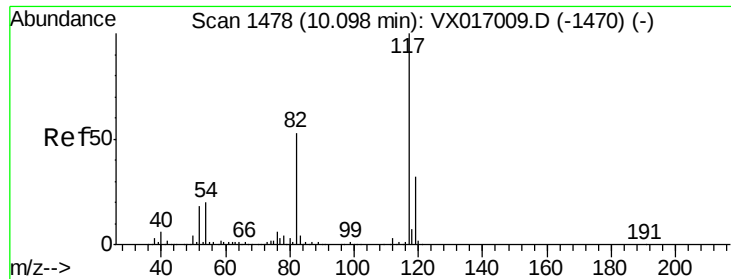


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

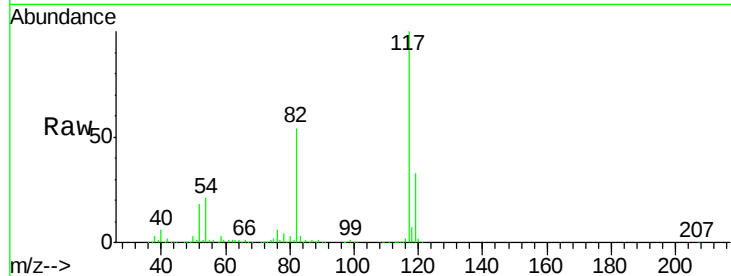




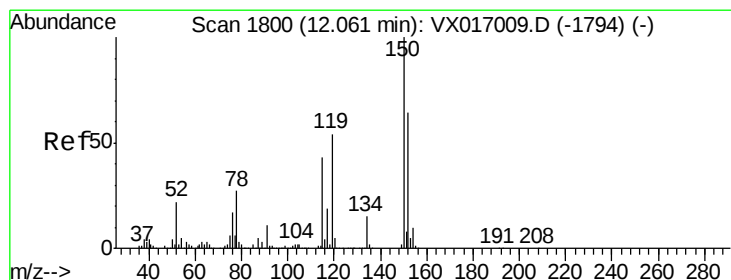
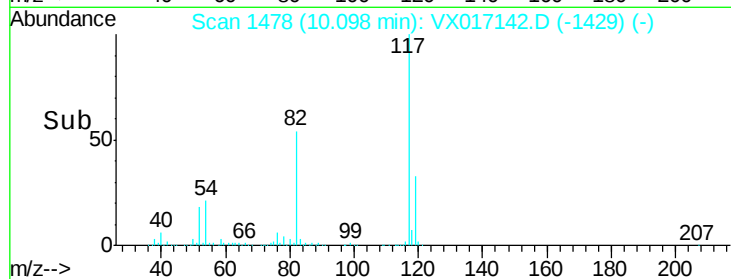
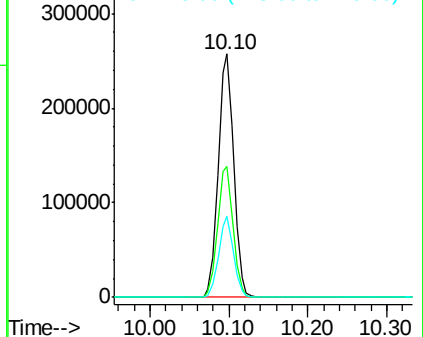
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017142.D
Acq: 02 Jul 2020 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL02

Tot Ion:117 Resp: 352974
Ion Ratio Lower Upper
117 100
82 53.8 42.6 63.8
119 33.2 25.4 38.2

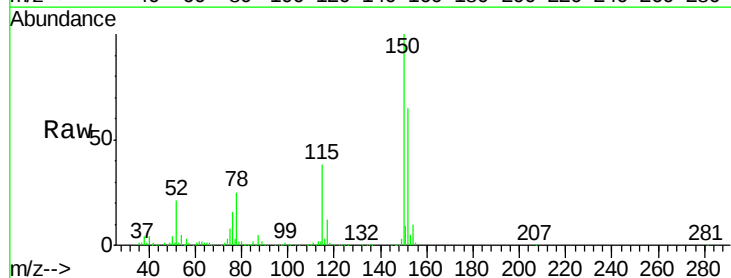


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017142.D
Acq: 02 Jul 2020 12:53

Tgt Ion:152 Resp: 174991
Ion Ratio Lower Upper
152 100
115 57.0 40.9 122.7
150 157.8 0.0 351.6



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

