

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017087.D
 Acq On : 01 Jul 2020 10:44
 Operator : JC/SP
 Sample : VX0701WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBL01

Quant Time: Jul 02 01:55:14 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	226637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	375903	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	375131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180407	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	146380	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	5.46	113	127358	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
50) Toluene-d8	8.70	98	455165	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.12	95	178265	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

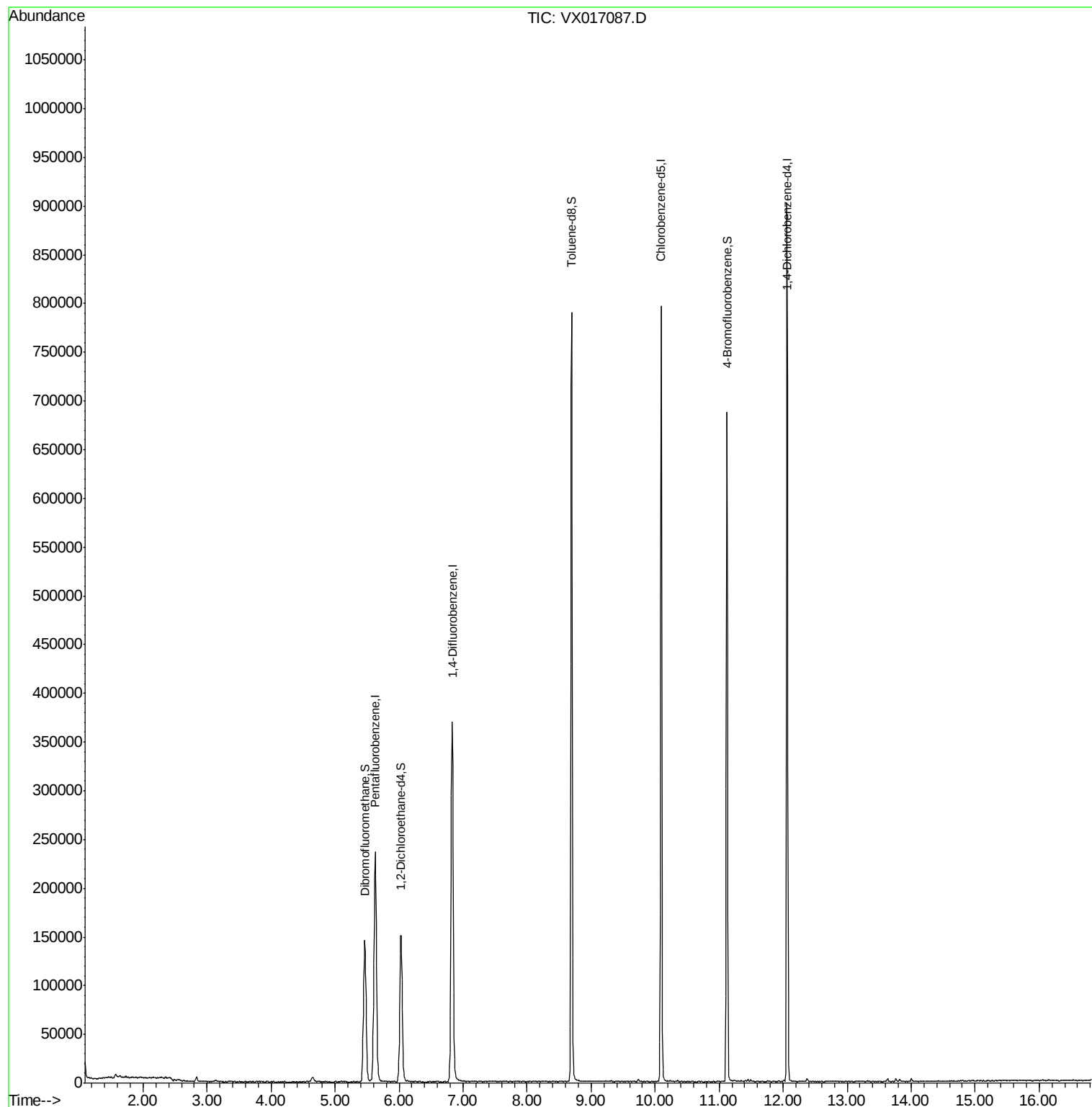
Target Compounds	Qvalue

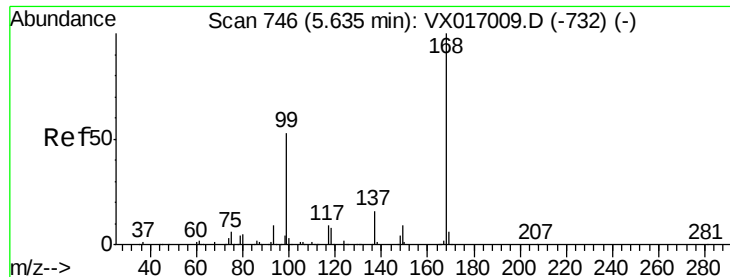
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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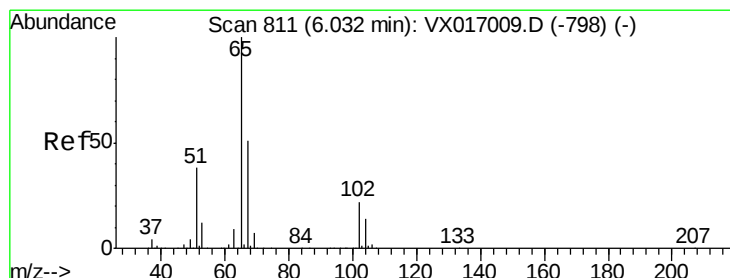
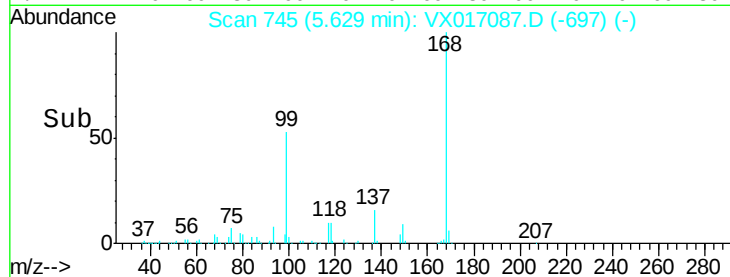
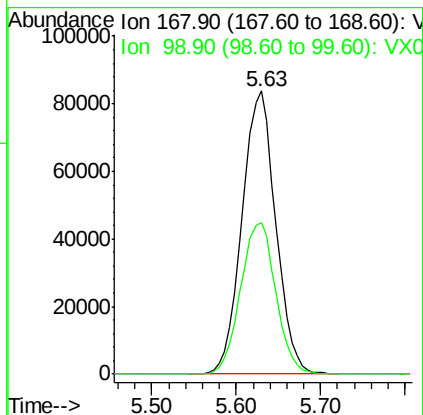
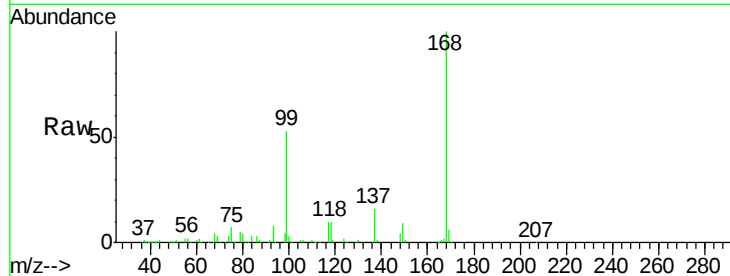


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX017087.D
 Acq: 01 Jul 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBL01

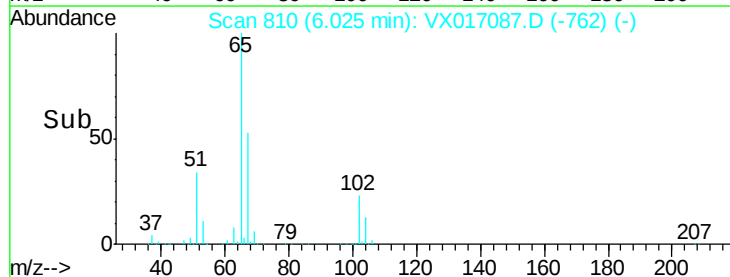
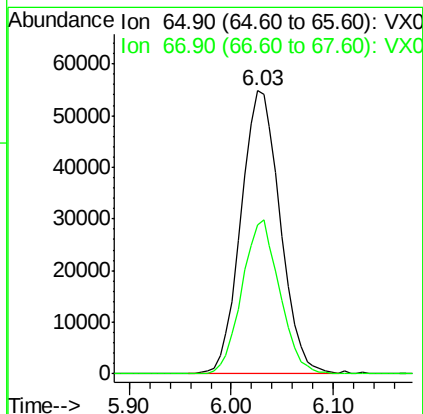
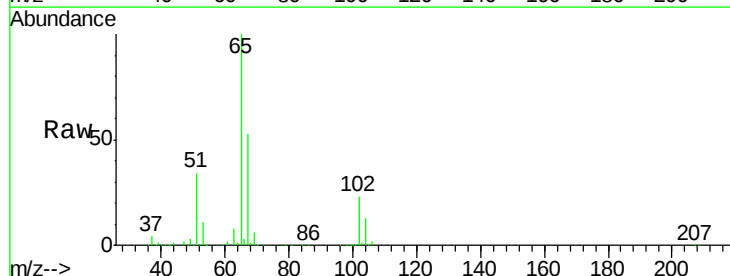
Tot Ion:168 Resp: 226637
 Ion Ratio Lower Upper
 168 100
 99 53.4 42.6 64.0

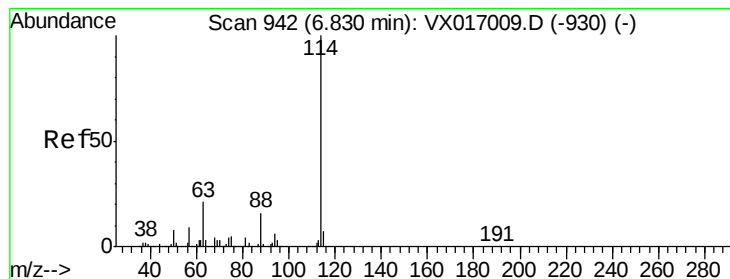


#33

1,2-Dichloroethane-d4
 Concen: 52.391 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX017087.D
 Acq: 01 Jul 2020 10:44

Tgt Ion: 65 Resp: 146380
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017087.D

Acq: 01 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBL01

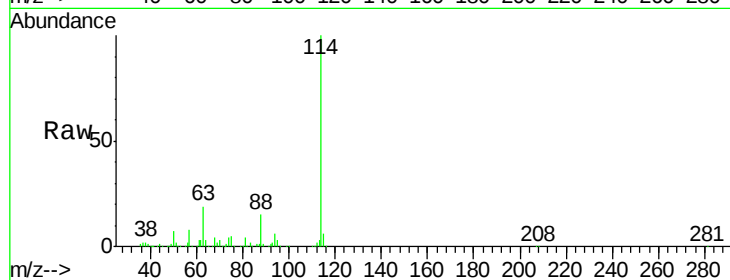
Tot Ion:114 Resp: 375903

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

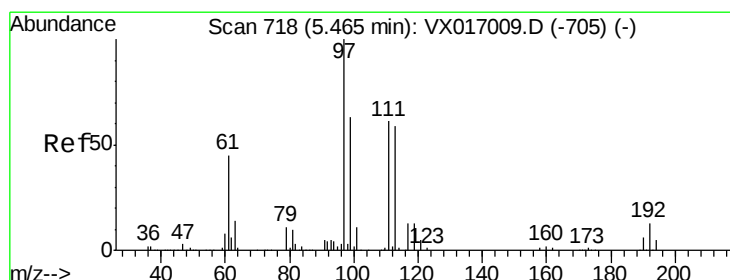
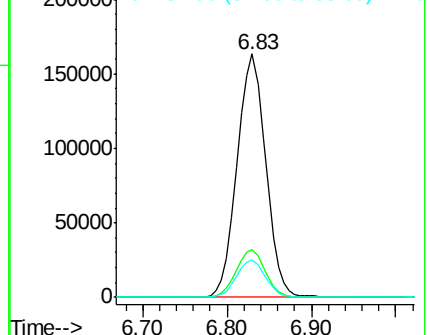
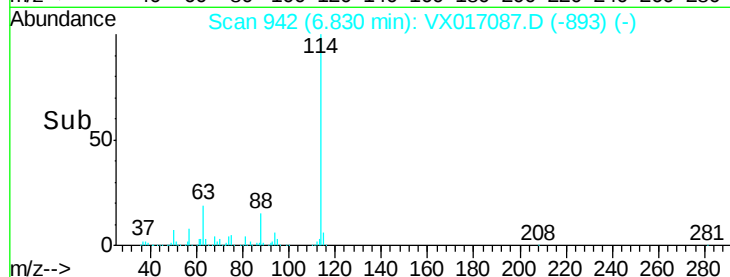
88 15.2 0.0 32.4



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: 53.560 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017087.D

Acq: 01 Jul 2020 10:44

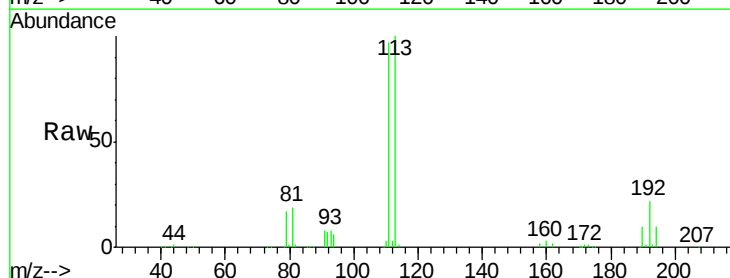
Tgt Ion:113 Resp: 127358

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

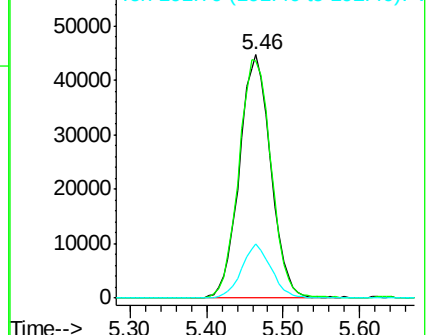
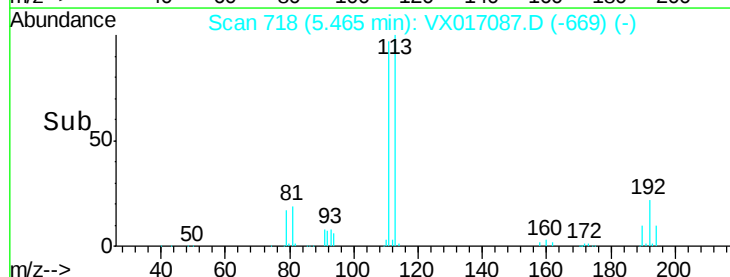
192 20.9 16.7 25.1

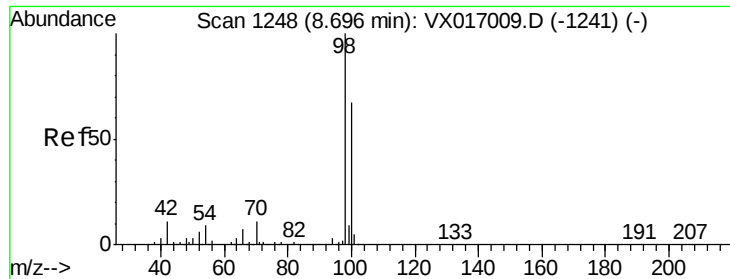


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.766 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017087.D

Acq: 01 Jul 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

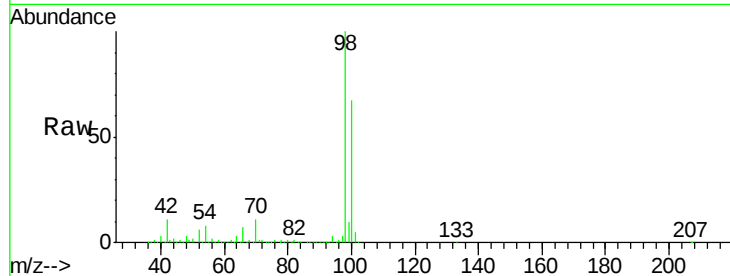
VX0701WBL01

Tot Ion: 98 Resp: 455165

Ion Ratio Lower Upper

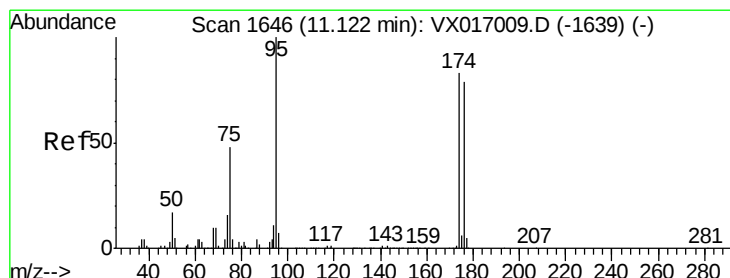
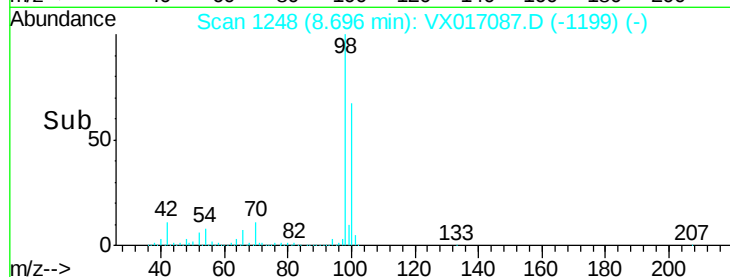
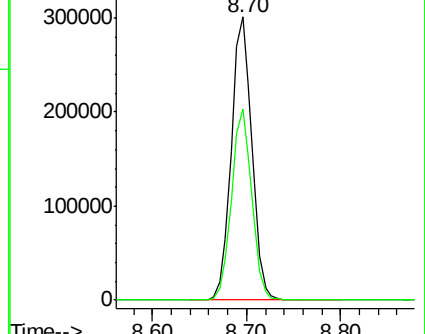
98 100

100 66.5 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: 51.863 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017087.D

Acq: 01 Jul 2020 10:44

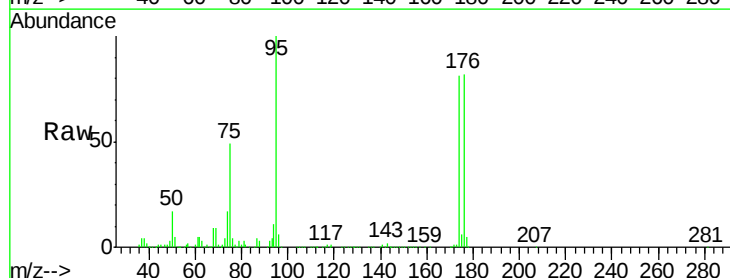
Tgt Ion: 95 Resp: 178265

Ion Ratio Lower Upper

95 100

174 82.8 0.0 164.0

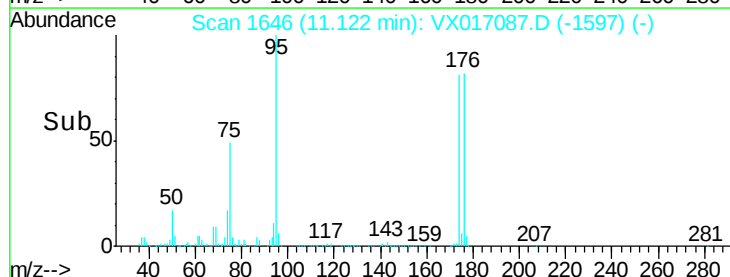
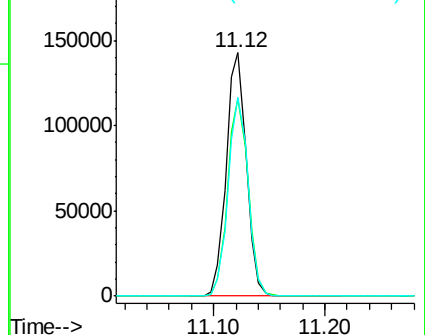
176 81.5 0.0 157.6

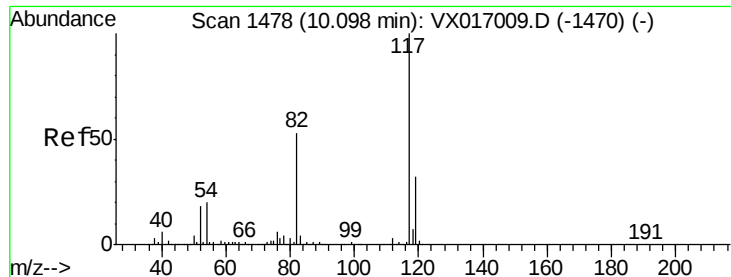


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

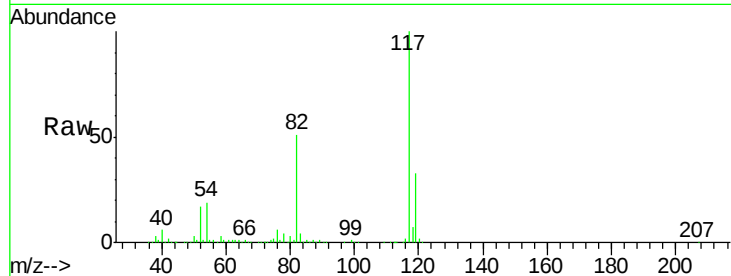




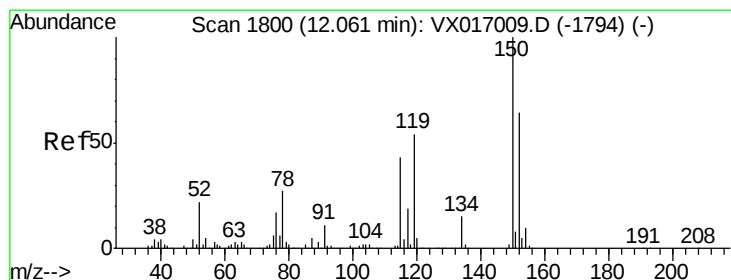
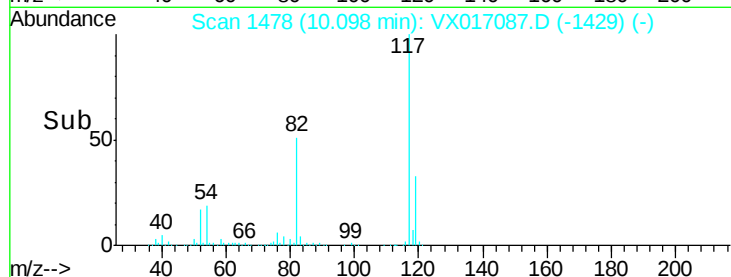
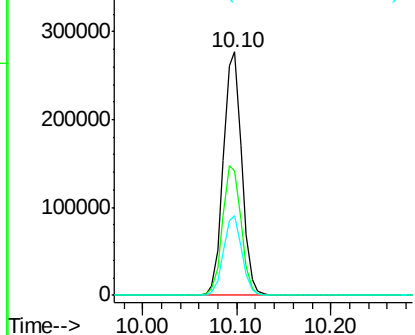
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017087.D
Acq: 01 Jul 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.6	63.8
119	32.8	25.4	38.2

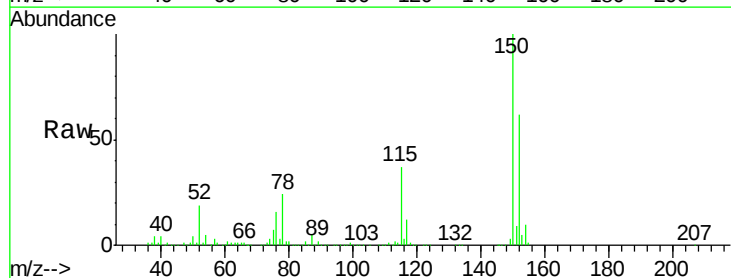


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017087.D
Acq: 01 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	40.9	122.7
150	159.0	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

