

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072020\
 Data File : VX017438.D
 Acq On : 20 Jul 2020 16:50
 Operator : JC/SP
 Sample : PB130293TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130293TB

Quant Time: Jul 21 02:37:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

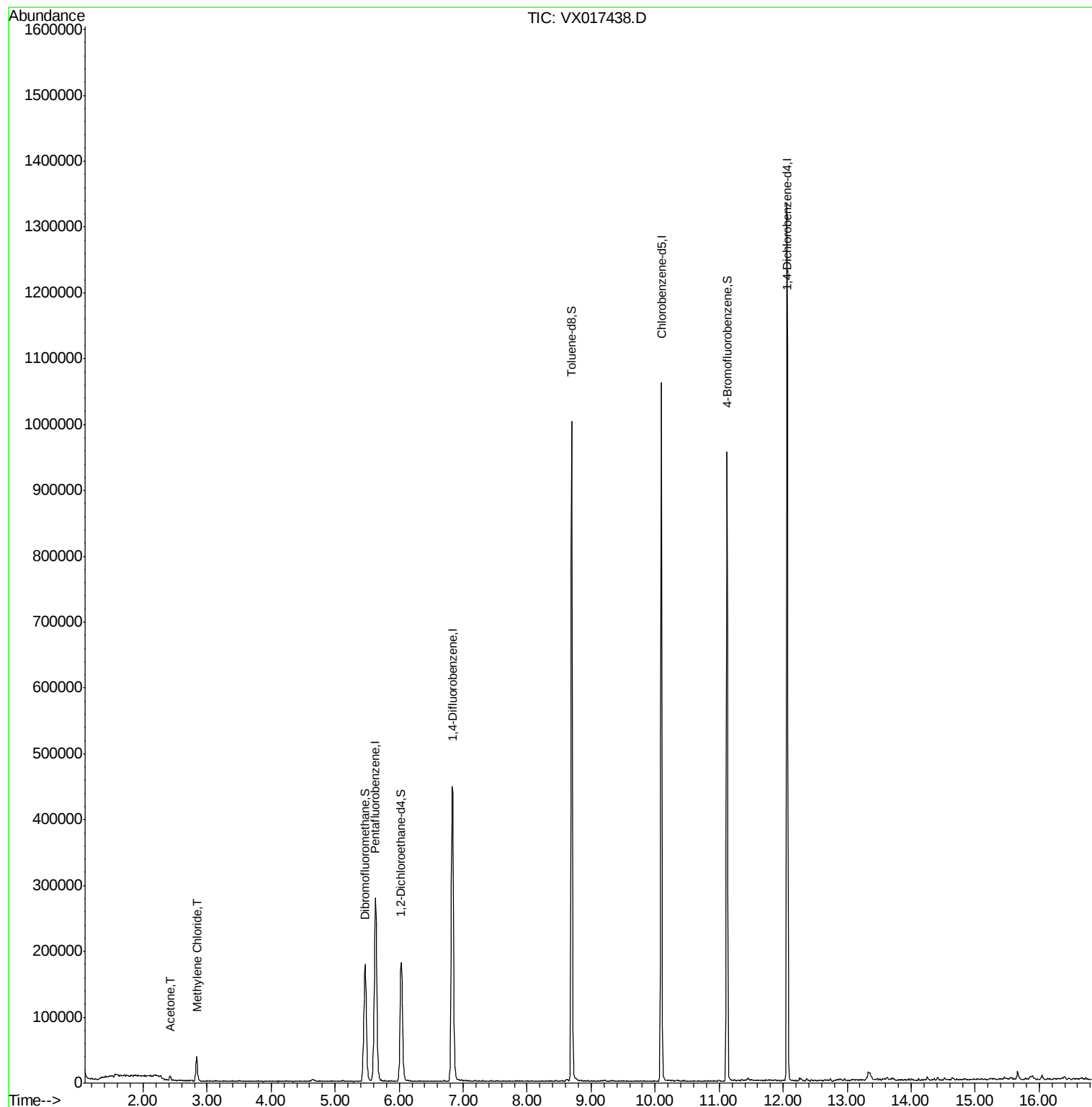
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	266300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	462884	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	489285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	277328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	175639	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
35) Dibromofluoromethane	5.46	113	155042	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
50) Toluene-d8	8.70	98	576236	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.12	95	246552	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
Target Compounds						
16) Acetone	2.42	43	6269	5.258	ug/l	99
20) Methylene Chloride	2.84	84	17057	5.863	ug/l	92

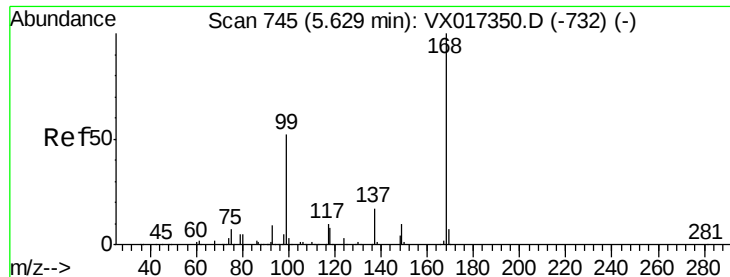
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX017438.D

Acq: 20 Jul 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

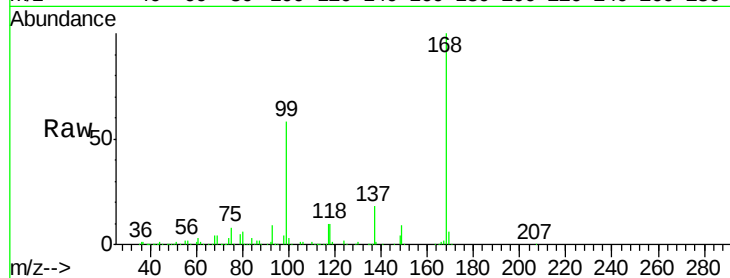
PB130293TB

Tot Ion:168 Resp: 266300

Ion Ratio Lower Upper

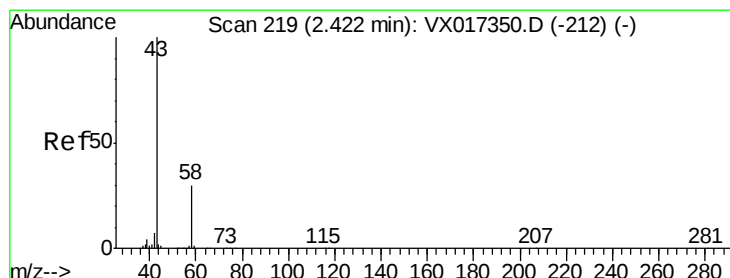
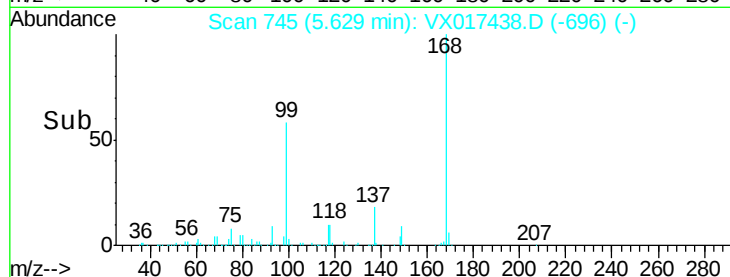
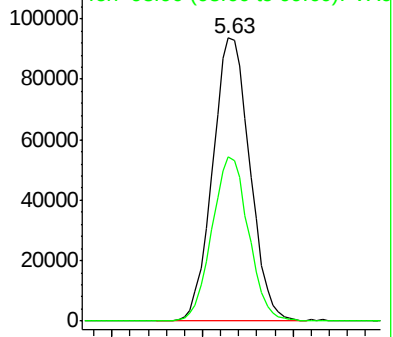
168 100

99 57.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.258 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017438.D

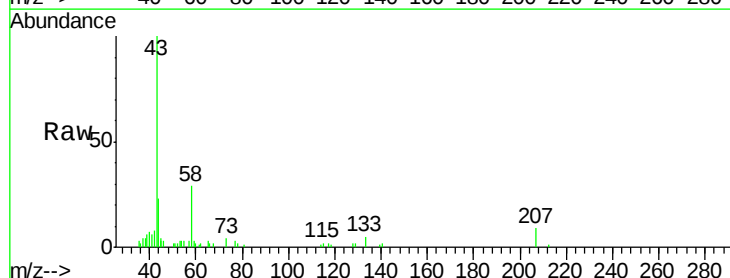
Acq: 20 Jul 2020 16:50

Tgt Ion: 43 Resp: 6269

Ion Ratio Lower Upper

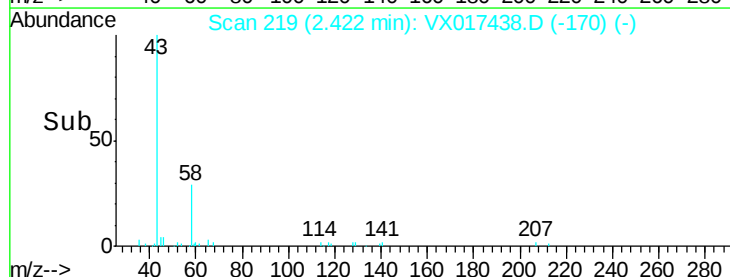
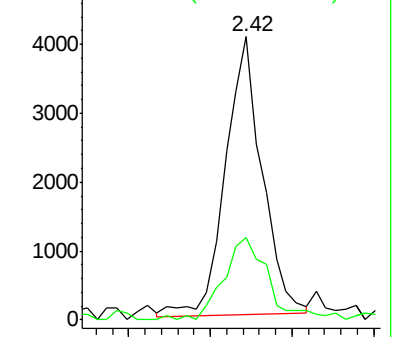
43 100

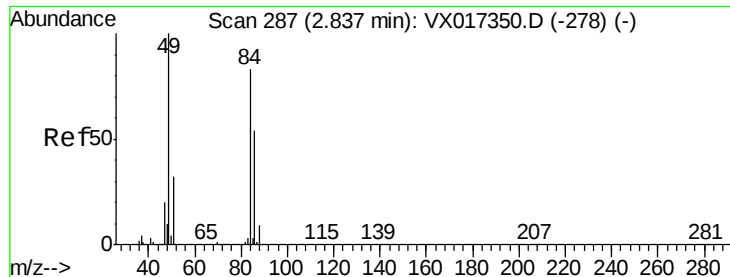
58 29.8 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

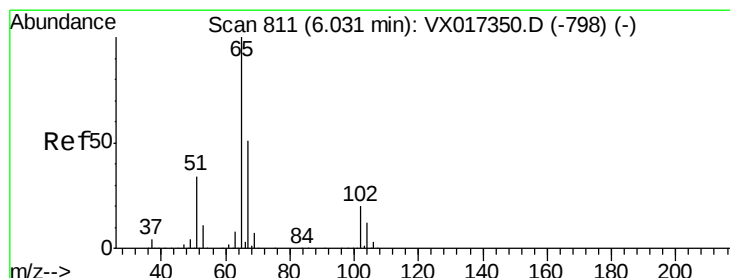
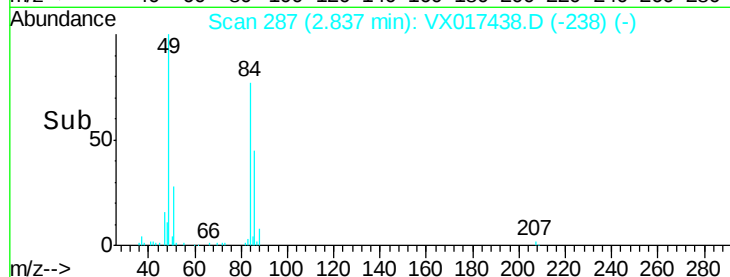
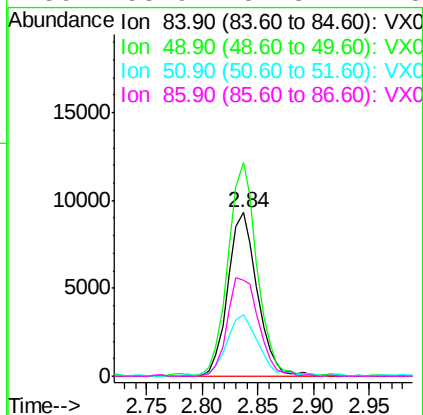
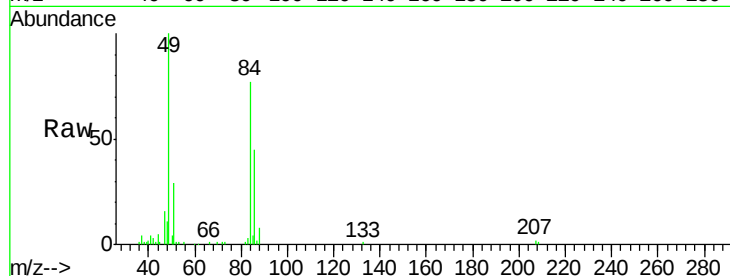




#20
Methvlene Chloride
Concen: 5.863 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017438.D
Acq: 20 Jul 2020 16:50

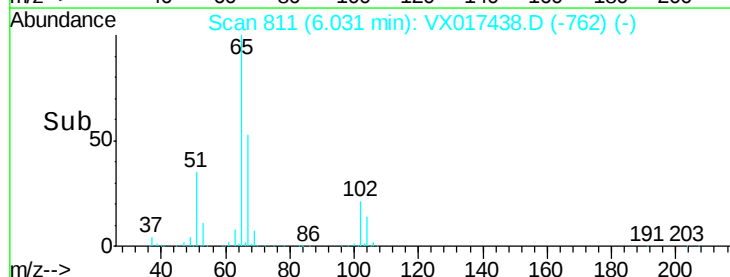
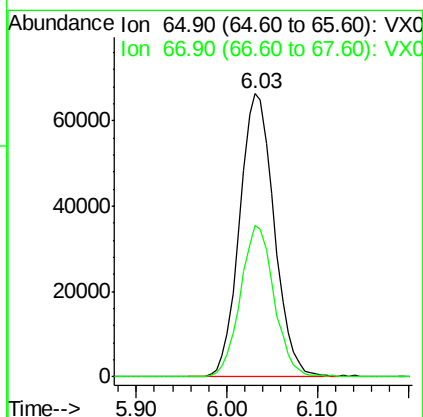
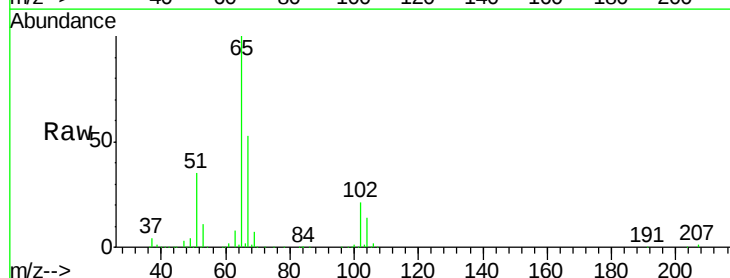
Instrument :
MSVOA_X
ClientSampled :
PB130293TB

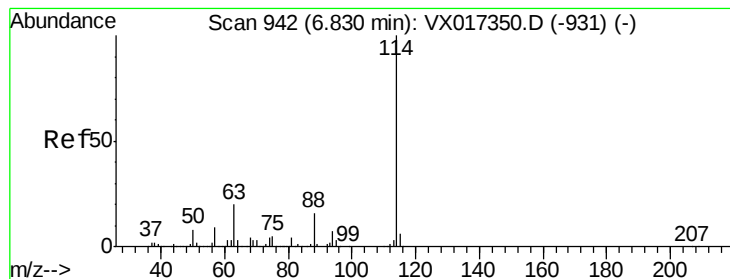
Tot Ion:	84	Resp:	17057
Ion	Ratio	Lower	Upper
84	100		
49	129.9	95.8	143.8
51	36.1	31.0	46.4
86	58.9	51.8	77.8



#33
1,2-Dichloroethane-d4
Concen: 52.551 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017438.D
Acq: 20 Jul 2020 16:50

Tgt Ion:	65	Resp:	175639
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017438.D

Acq: 20 Jul 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

PB130293TB

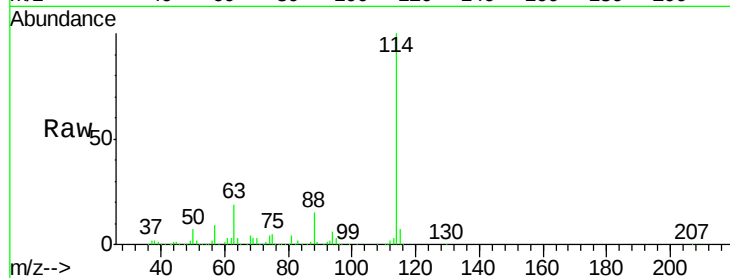
Tot Ion:114 Resp: 462884

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

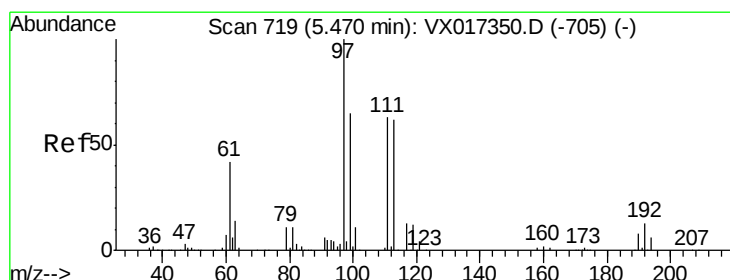
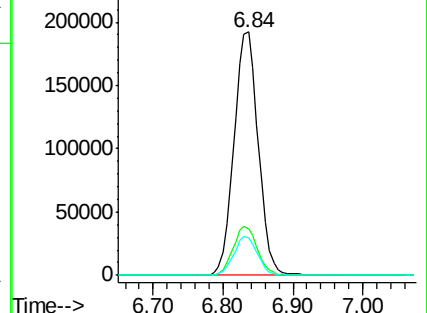
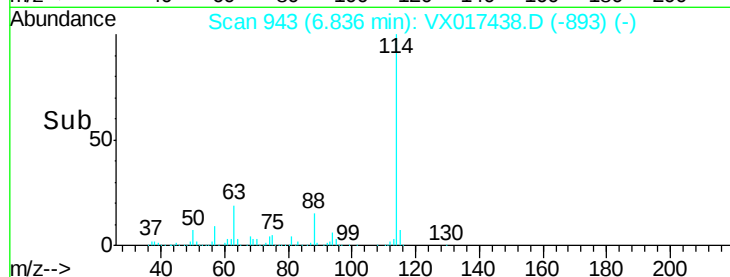
88 15.3 0.0 32.8



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: 49.724 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017438.D

Acq: 20 Jul 2020 16:50

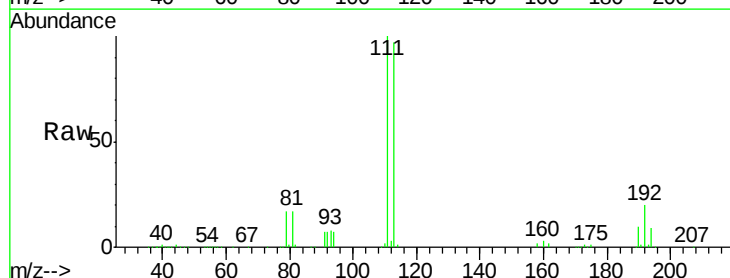
Tgt Ion:113 Resp: 155042

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

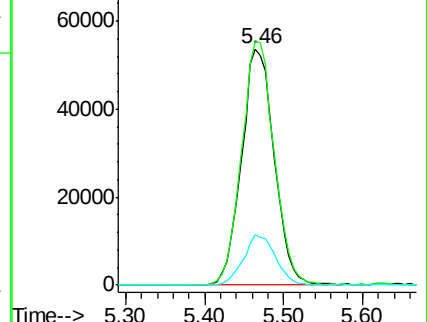
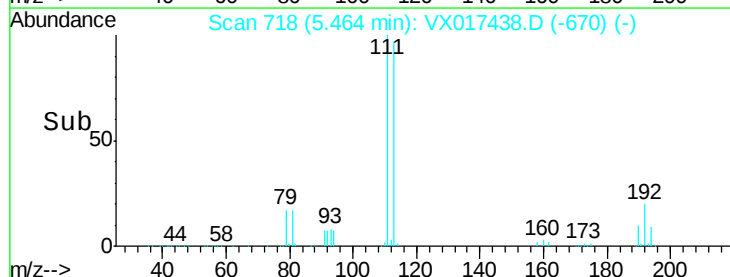
192 20.8 17.2 25.8

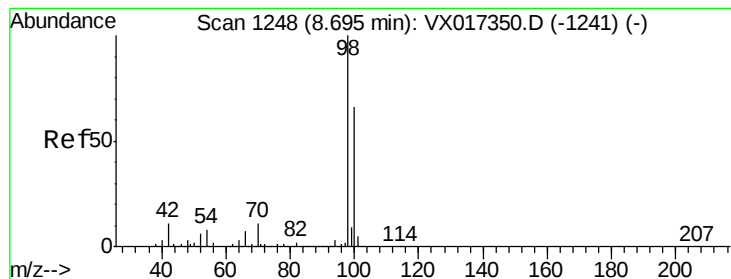


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.233 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017438.D

Acq: 20 Jul 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

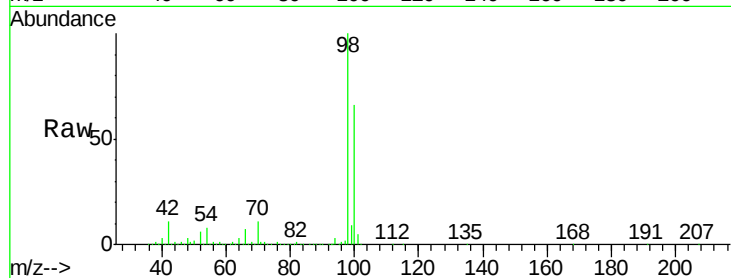
PB130293TB

Tot Ion: 98 Resp: 576236

Ion Ratio Lower Upper

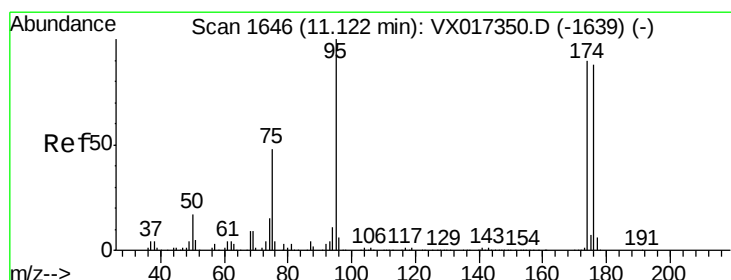
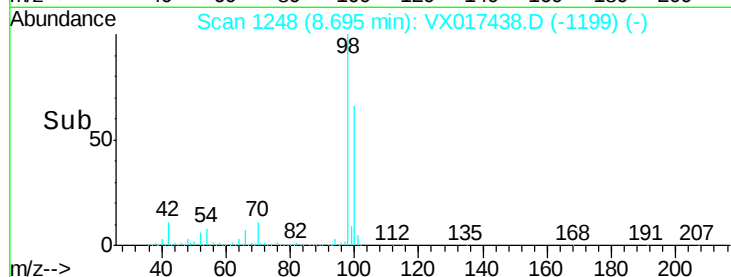
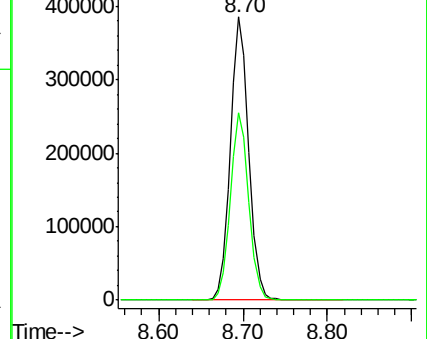
98 100

100 66.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 55.186 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017438.D

Acq: 20 Jul 2020 16:50

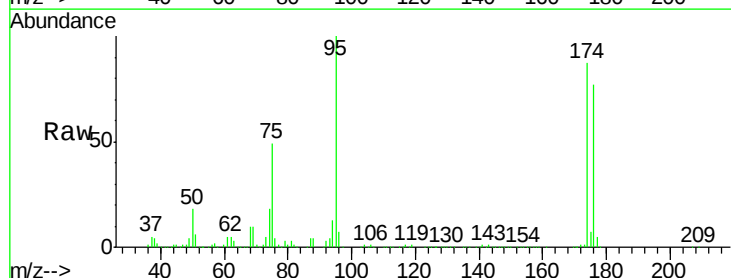
Tgt Ion: 95 Resp: 246552

Ion Ratio Lower Upper

95 100

174 83.0 0.0 175.8

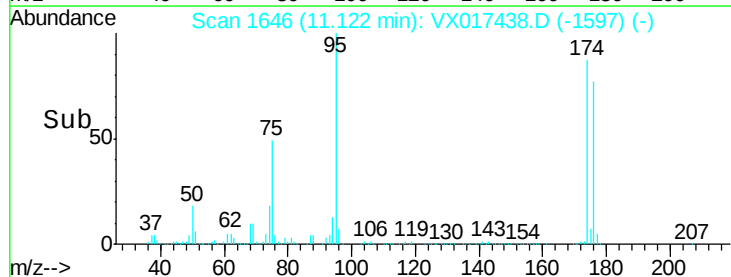
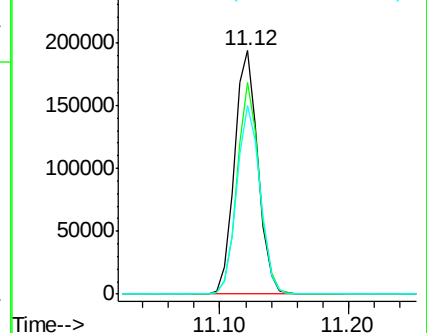
176 77.8 0.0 164.6

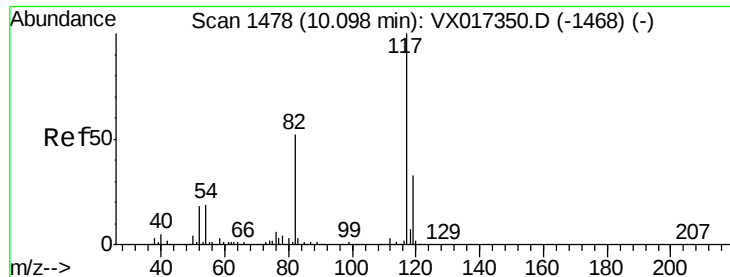


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX017438.D

Acq: 20 Jul 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

PB130293TB

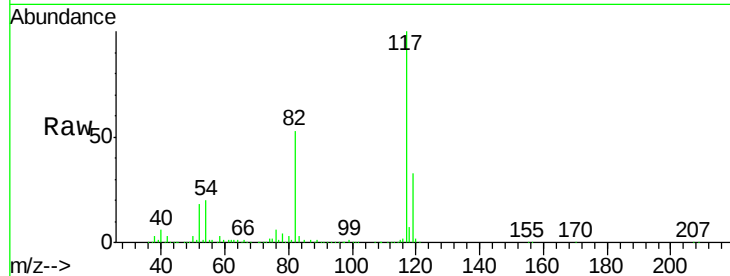
Tot Ion:117 Resp: 489285

Ion Ratio Lower Upper

117 100

82 53.3 42.0 63.0

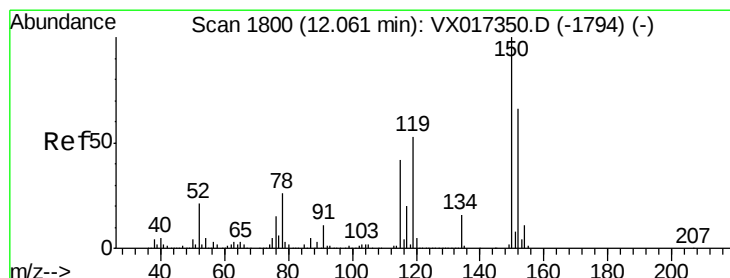
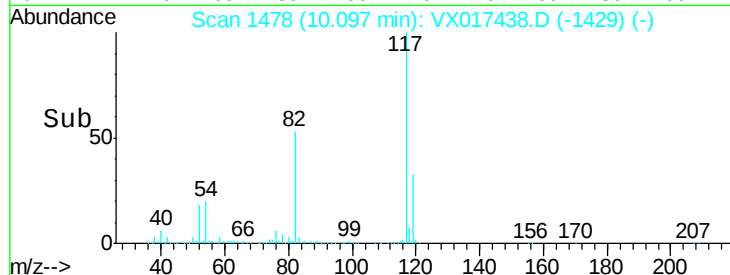
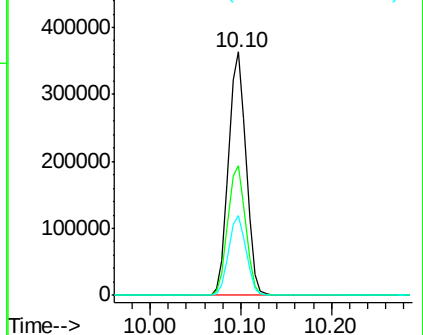
119 33.0 26.3 39.5



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: VX017438.D

Acq: 20 Jul 2020 16:50

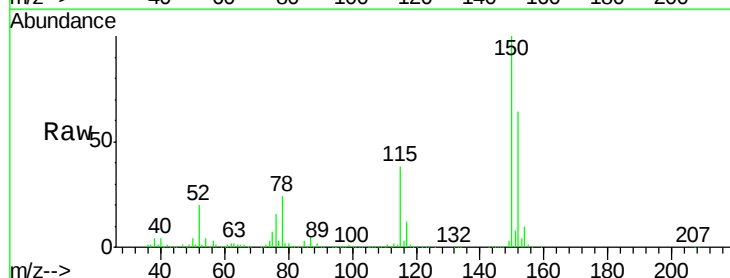
Tgt Ion:152 Resp: 277328

Ion Ratio Lower Upper

152 100

115 57.8 39.9 119.7

150 156.4 0.0 343.4



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

