

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017101.D
 Acq On : 01 Jul 2020 16:23
 Operator : JC/SP
 Sample : L3129-11 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1308

Quant Time: Jul 02 02:44:13 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

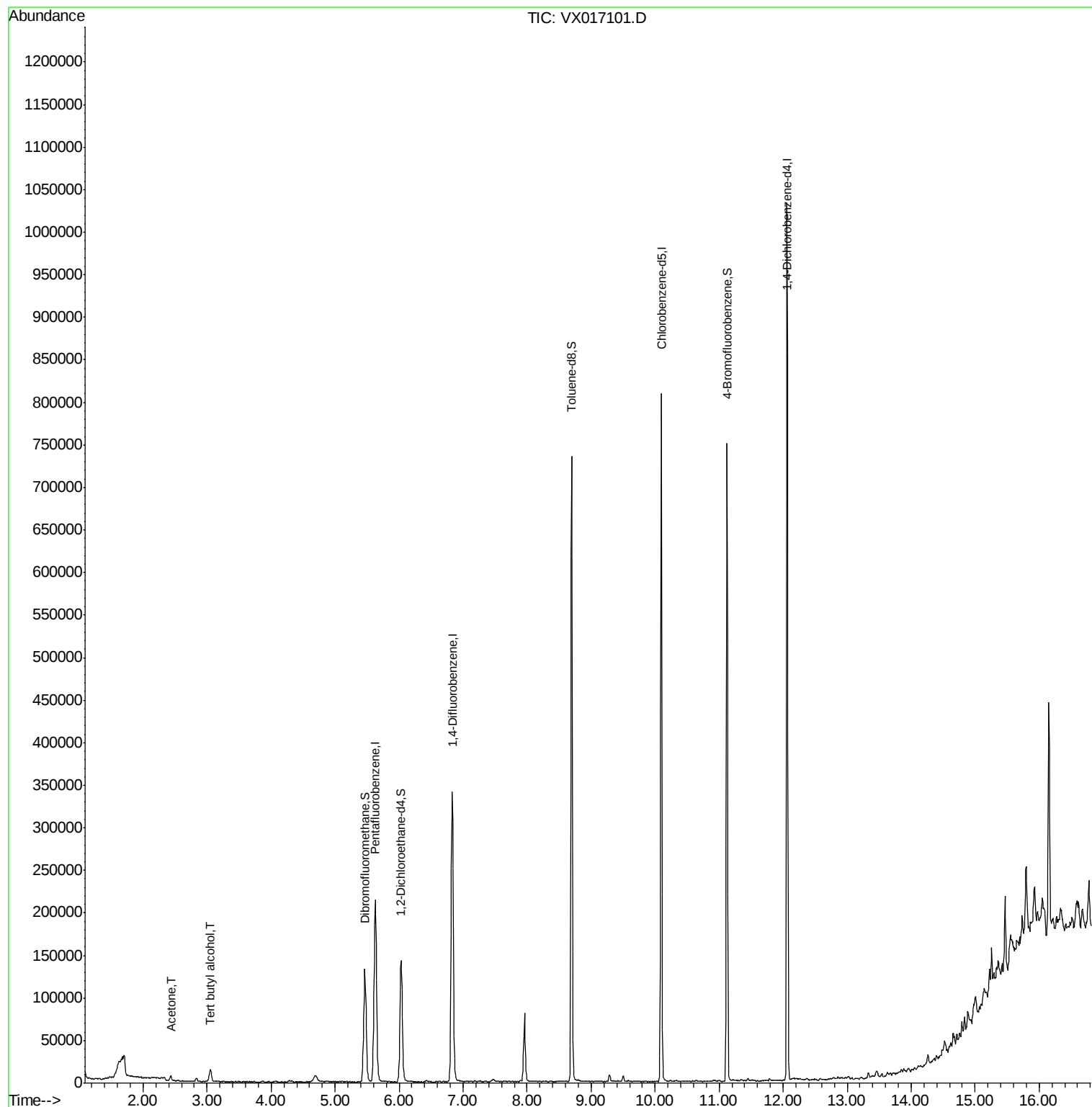
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	209922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	342124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	372797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	133957	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
35) Dibromofluoromethane	5.46	113	113122	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
50) Toluene-d8	8.70	98	427423	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
62) 4-Bromofluorobenzene	11.12	95	189908	60.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.42%	
Target Compounds						
11) Tert butyl alcohol	3.05	59	19535	39.569	ug/l	98
16) Acetone	2.43	43	6491	6.705	ug/l	93

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

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QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017101.D

Acq: 01 Jul 2020 16:23

Instrument :

MSVOA_X

ClientSampled :

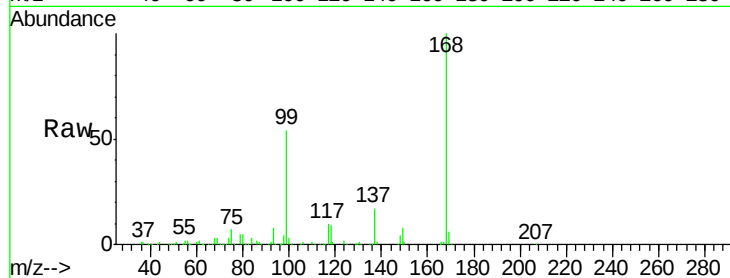
1308

Tot Ion:168 Resp: 209922

Ion Ratio Lower Upper

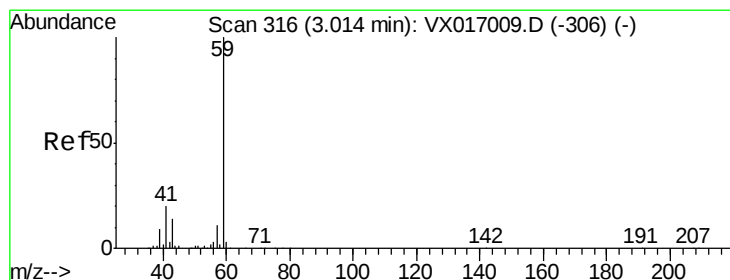
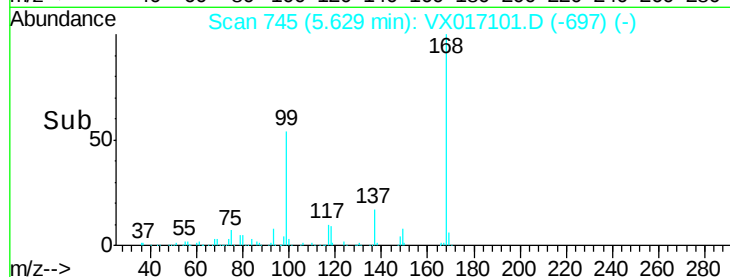
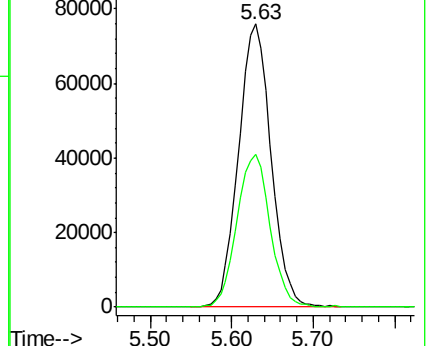
168 100

99 54.1 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 39.569 ug/l

RT: 3.05 min Scan# 322

Delta R.T. 0.04 min

Lab File: VX017101.D

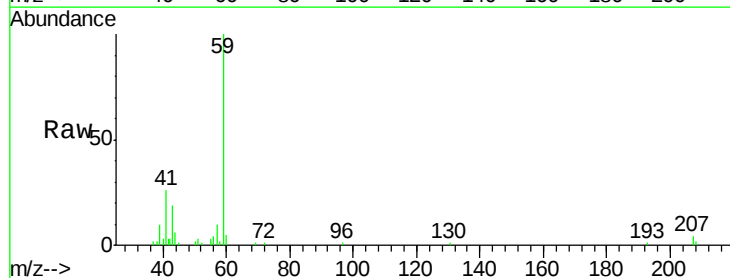
Acq: 01 Jul 2020 16:23

Tgt Ion: 59 Resp: 19535

Ion Ratio Lower Upper

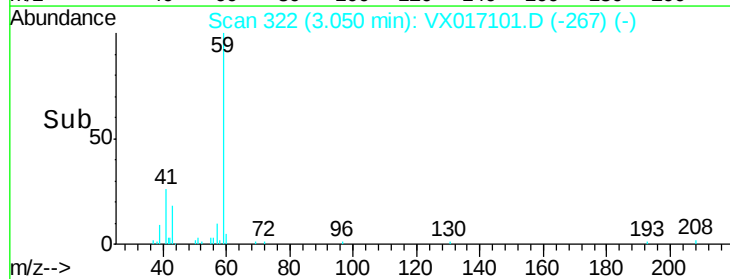
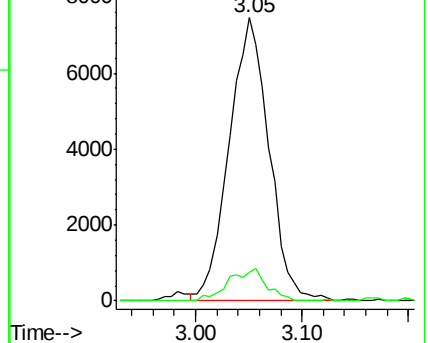
59 100

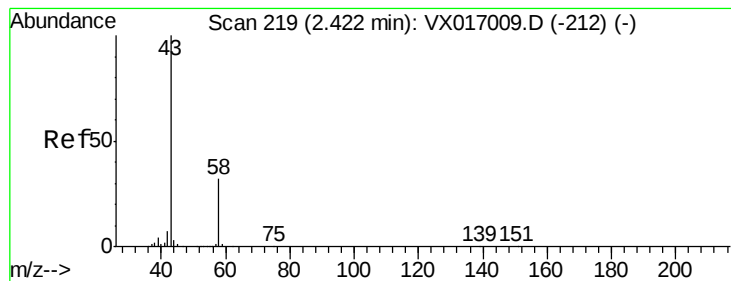
57 10.8 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 6.705 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX017101.D

Acq: 01 Jul 2020 16:23

Instrument :

MSVOA_X

ClientSampleId :

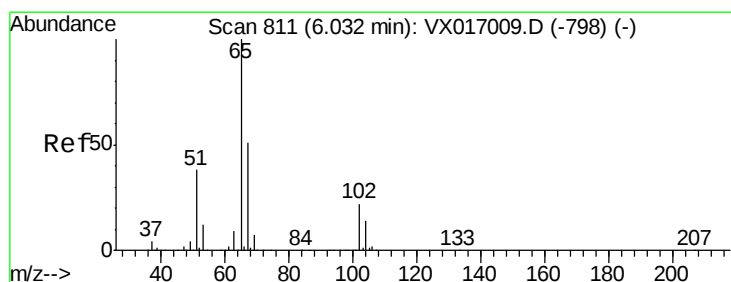
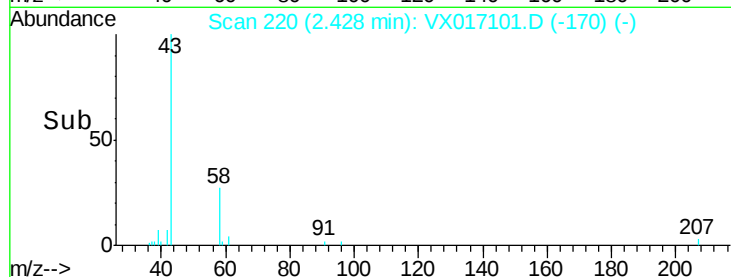
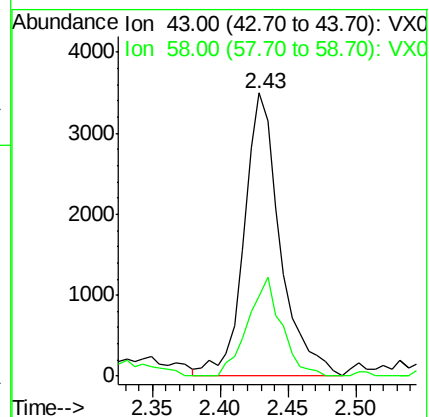
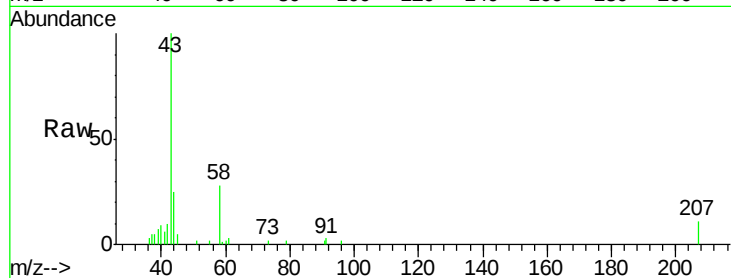
1308

Tot Ion: 43 Resp: 6491

Ion Ratio Lower Upper

43 100

58 28.2 25.7 38.5



#33

1,2-Dichloroethane-d4

Concen: 51.762 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017101.D

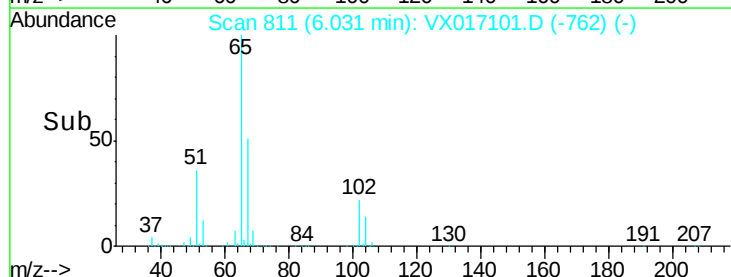
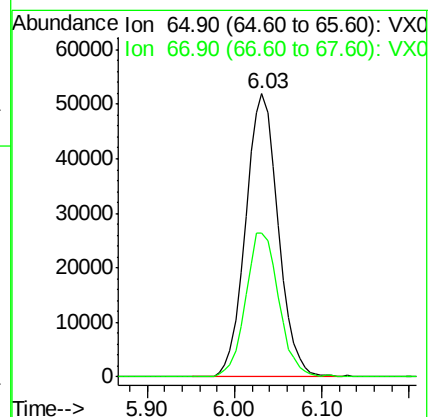
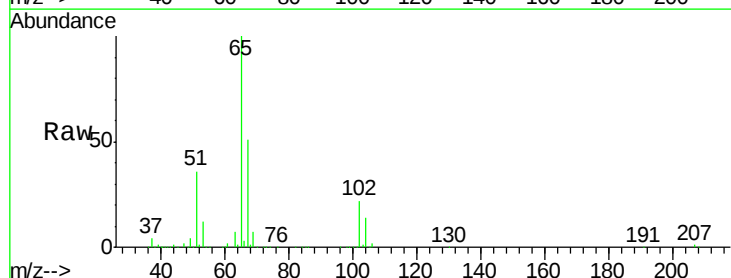
Acq: 01 Jul 2020 16:23

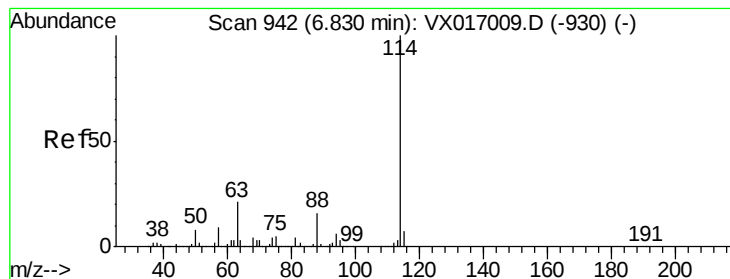
Tgt Ion: 65 Resp: 133957

Ion Ratio Lower Upper

65 100

67 52.0 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: VX017101.D

Acq: 01 Jul 2020 16:23

Instrument :

MSVOA_X

ClientSampleId :

1308

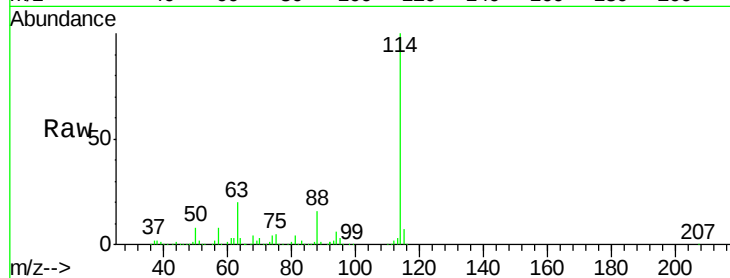
Tot Ion:114 Resp: 342124

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

88 16.0 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

200000

150000

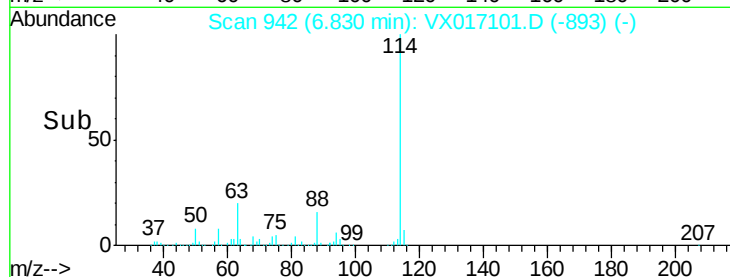
100000

50000

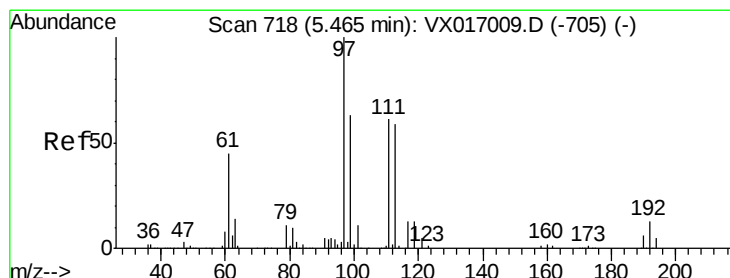
0

6.83

6.70 6.80 6.90



Time-->



#35

Dibromofluoromethane

Concen: 52.270 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017101.D

Acq: 01 Jul 2020 16:23

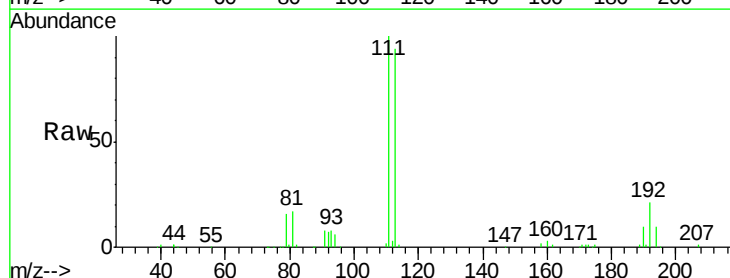
Tgt Ion:113 Resp: 113122

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

192 21.3 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

50000

40000

30000

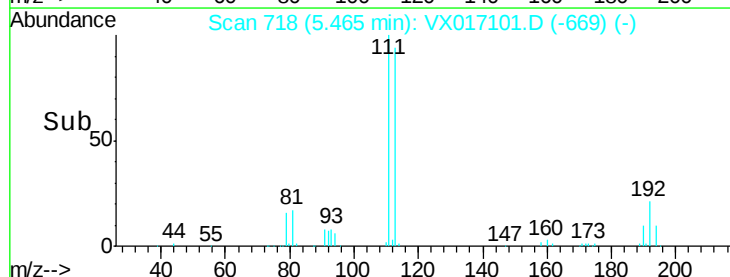
20000

10000

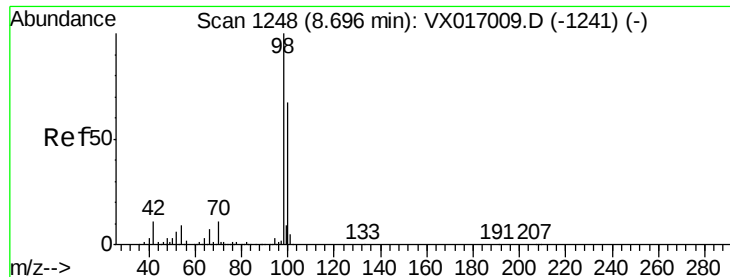
0

5.46

5.40 5.50 5.60



Time-->



#50

Toluene-d8

Concen: 53.410 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017101.D

Acq: 01 Jul 2020 16:23

Instrument :

MSVOA_X

ClientSampleId :

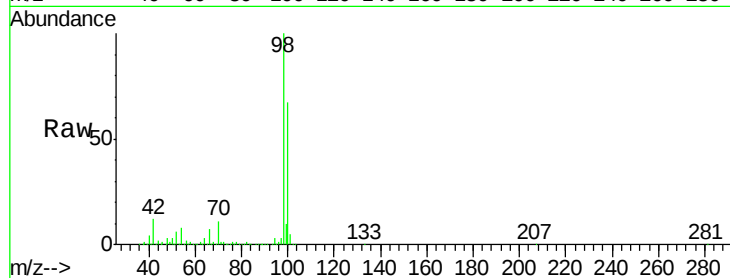
1308

Tot Ion: 98 Resp: 427423

Ion Ratio Lower Upper

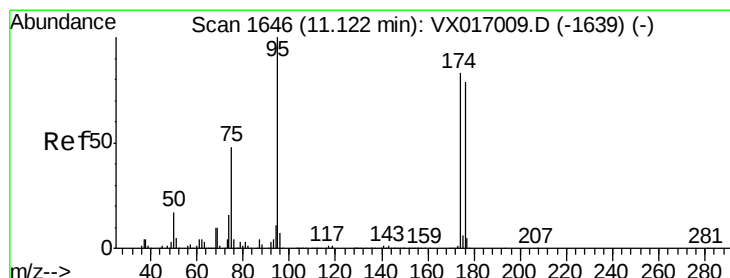
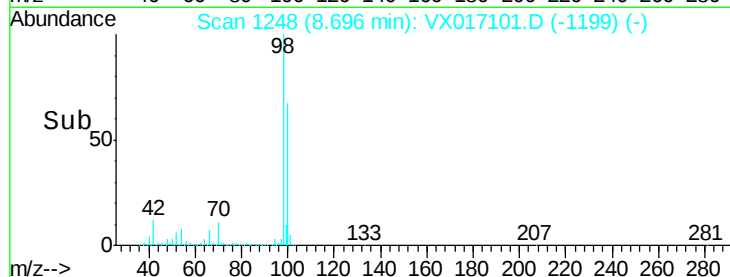
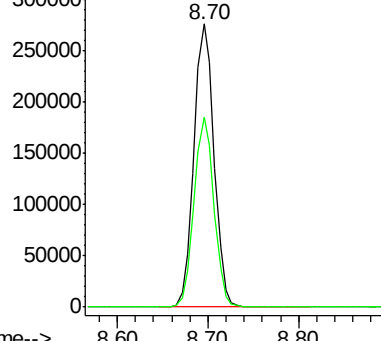
98 100

100 66.6 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: 60.706 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017101.D

Acq: 01 Jul 2020 16:23

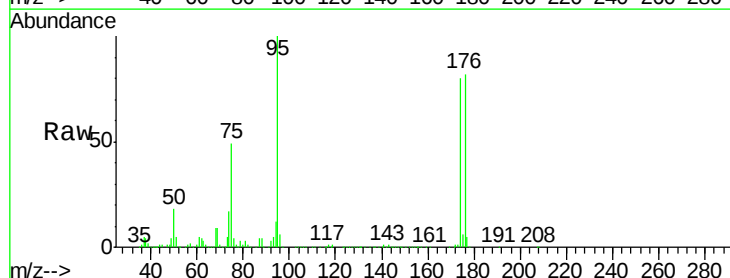
Tgt Ion: 95 Resp: 189908

Ion Ratio Lower Upper

95 100

174 81.1 0.0 164.0

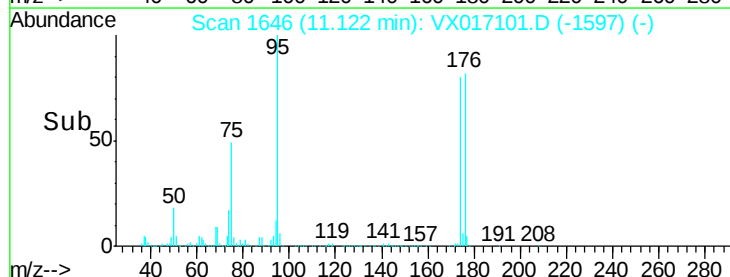
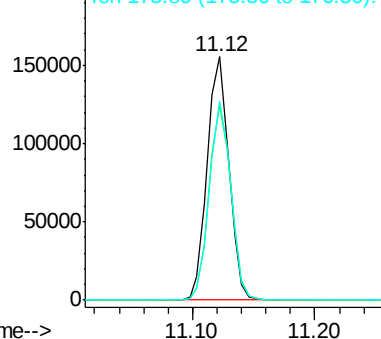
176 80.9 0.0 157.6

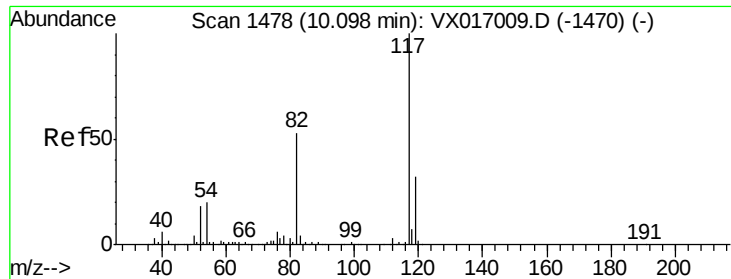


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

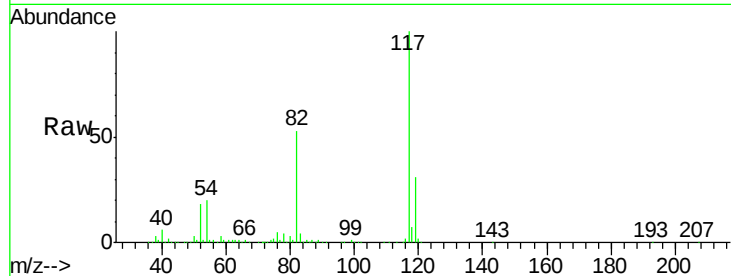




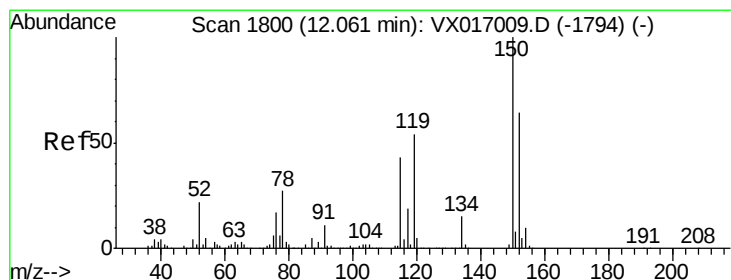
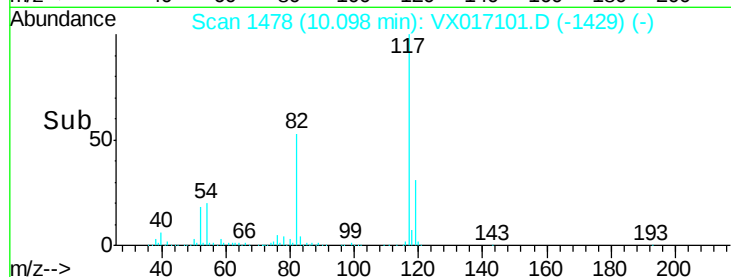
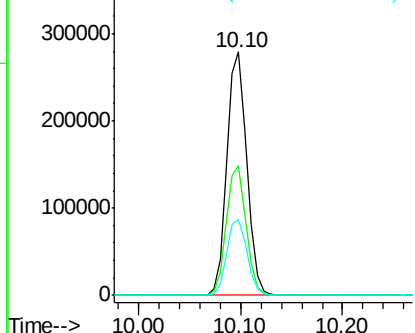
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017101.D
Acq: 01 Jul 2020 16:23

Instrument :
MSVOA_X
ClientSampled :
1308

Tot Ion:117 Resp: 372797
Ion Ratio Lower Upper
117 100
82 53.1 42.6 63.8
119 31.3 25.4 38.2

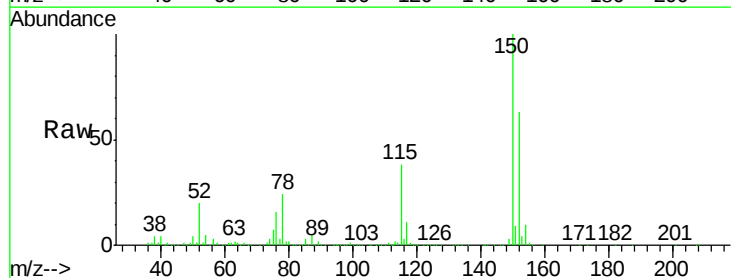


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017101.D
Acq: 01 Jul 2020 16:23

Tgt Ion:152 Resp: 205980
Ion Ratio Lower Upper
152 100
115 58.7 40.9 122.7
150 159.3 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

