

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017090.D
 Acq On : 01 Jul 2020 12:13
 Operator : JC/SP
 Sample : L3152-01DL 500X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40680DL

Quant Time: Jul 02 02:06:10 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

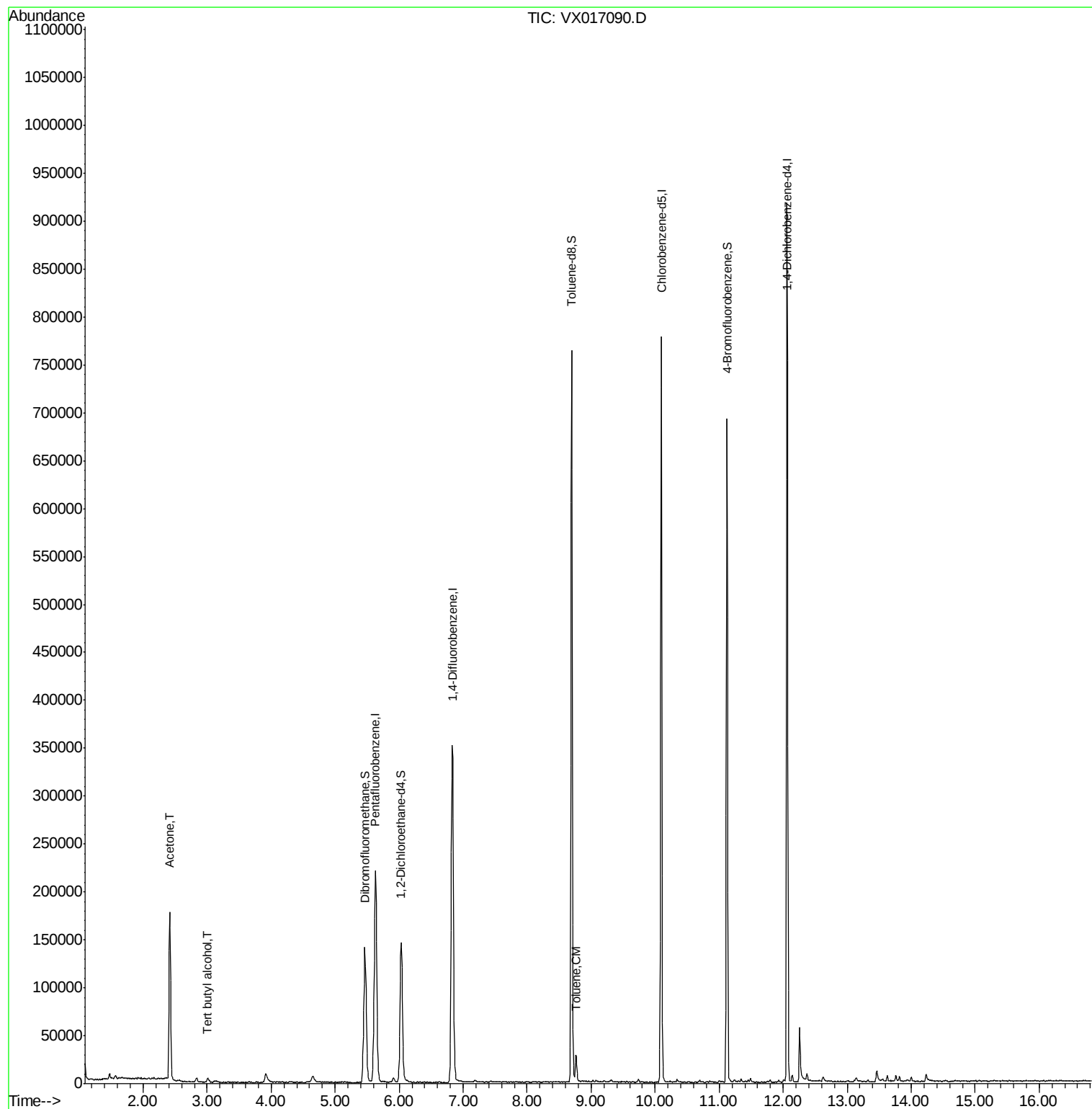
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	214506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	356368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	359776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185904	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	139332	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
35) Dibromofluoromethane	5.46	113	121696	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
50) Toluene-d8	8.70	98	432602	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	11.12	95	176496	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	4168	8.262	ug/l #	92
16) Acetone	2.42	43	183757	185.753	ug/l	98
52) Toluene	8.76	92	9717	1.573	ug/l	98

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

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QLast Update : Mon Jun 29 17:10:38 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017090.D

Acq: 01 Jul 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

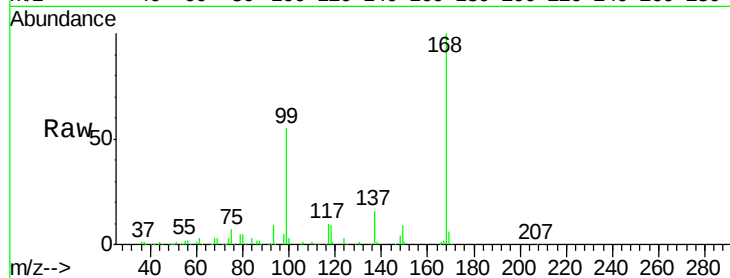
40680DL

Tot Ion:168 Resp: 214506

Ion Ratio Lower Upper

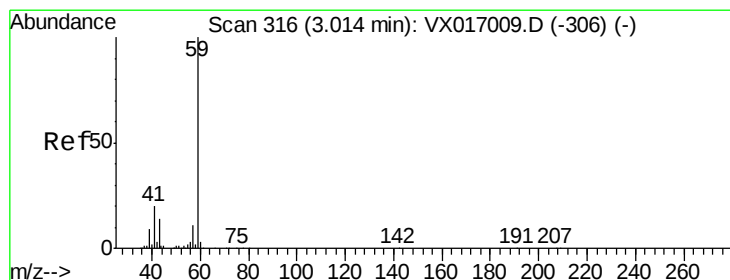
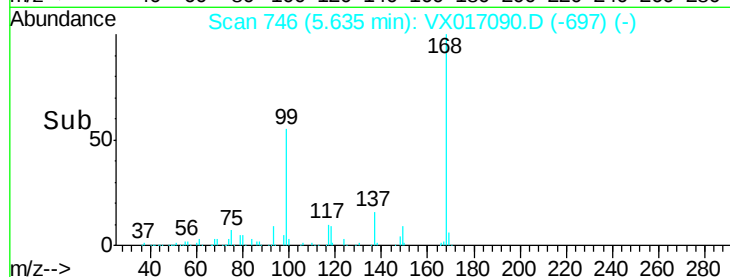
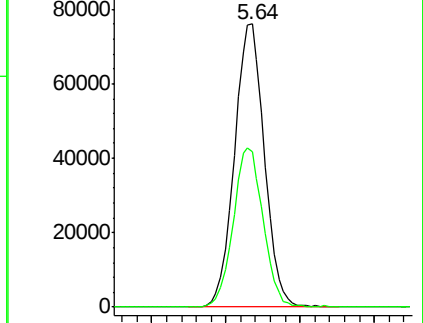
168 100

99 54.9 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: 8.262 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX017090.D

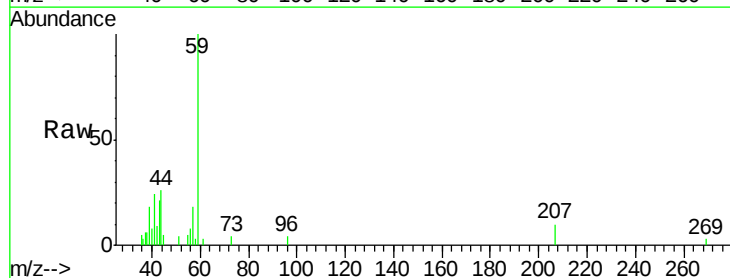
Acq: 01 Jul 2020 12:13

Tgt Ion: 59 Resp: 4168

Ion Ratio Lower Upper

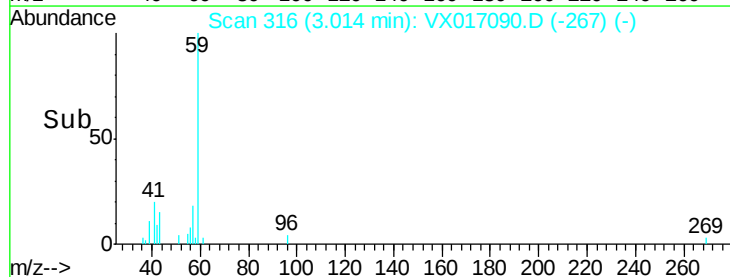
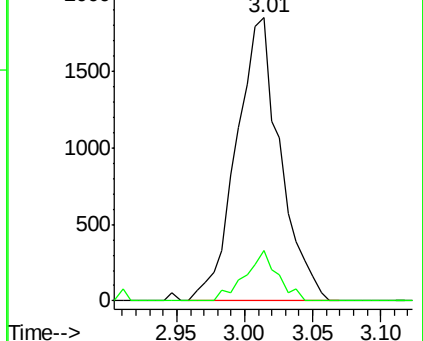
59 100

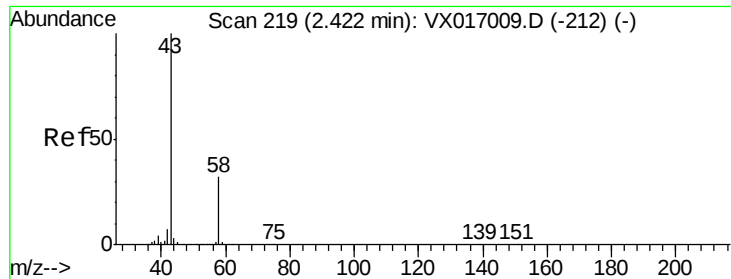
57 13.3 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 185.753 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017090.D

Acq: 01 Jul 2020 12:13

Instrument :

MSVOA_X

ClientSampled :

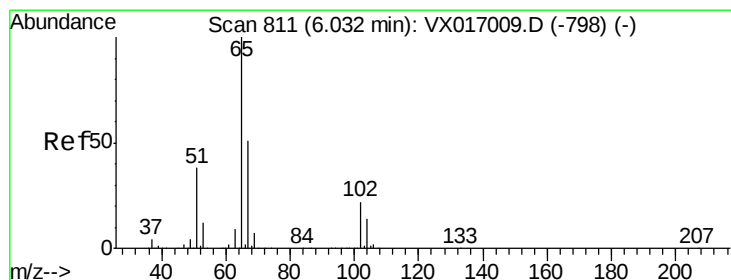
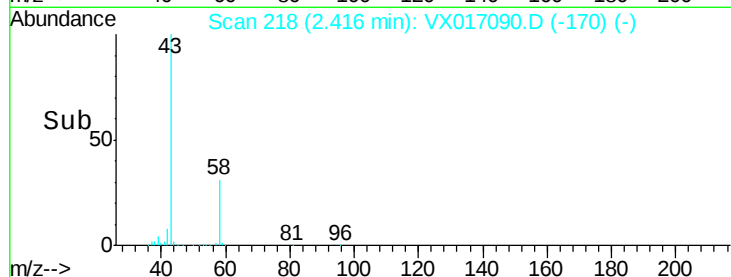
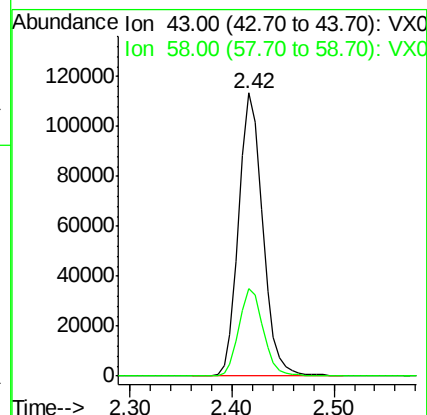
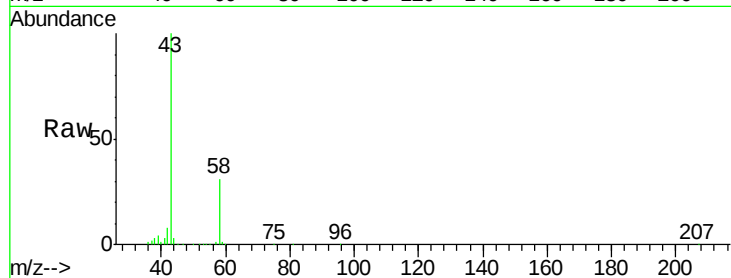
40680DL

Tot Ion: 43 Resp: 183757

Ion Ratio Lower Upper

43 100

58 30.8 25.7 38.5



#33

1,2-Dichloroethane-d4

Concen: 52.689 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017090.D

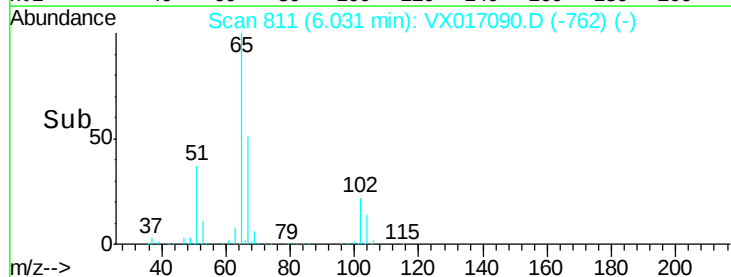
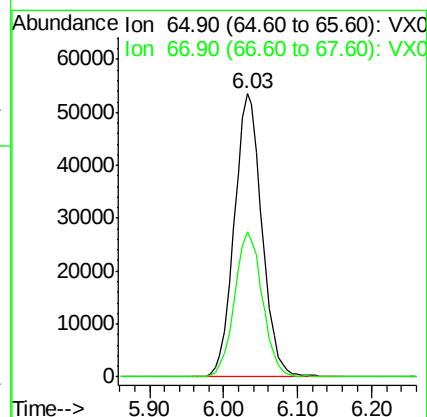
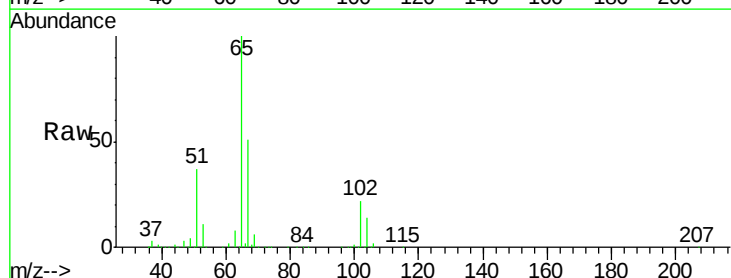
Acq: 01 Jul 2020 12:13

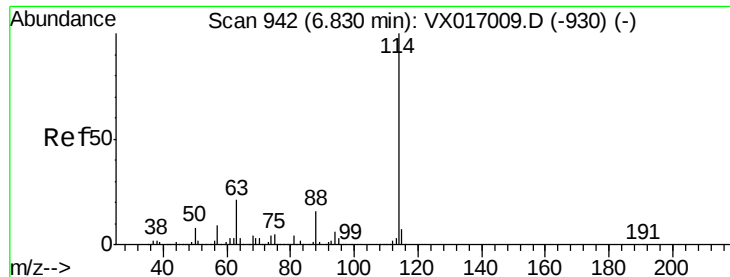
Tgt Ion: 65 Resp: 139332

Ion Ratio Lower Upper

65 100

67 51.7 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: VX017090.D

Acq: 01 Jul 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

40680DL

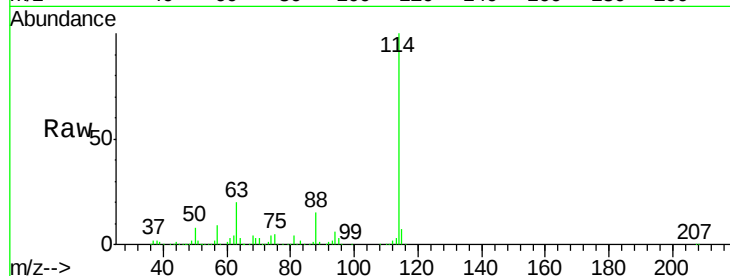
Tot Ion:114 Resp: 356368

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

88 15.4 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

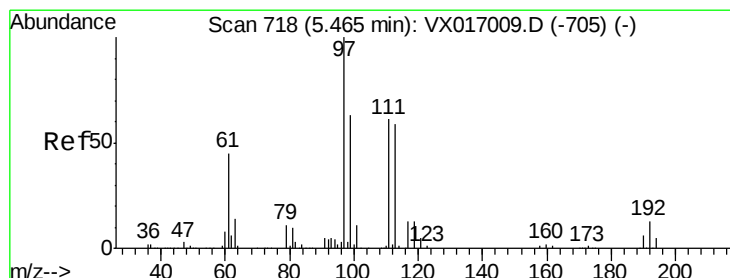
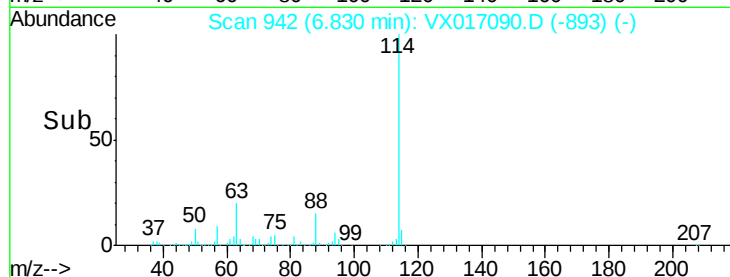
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 53.985 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017090.D

Acq: 01 Jul 2020 12:13

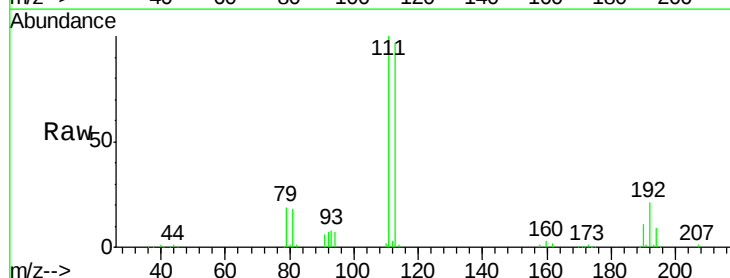
Tgt Ion:113 Resp: 121696

Ion Ratio Lower Upper

113 100

111 101.1 81.9 122.9

192 21.0 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

60000

50000

40000

30000

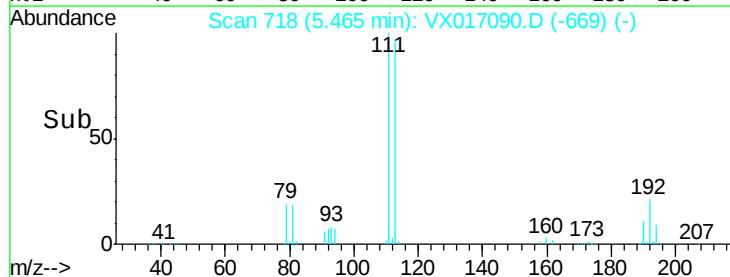
20000

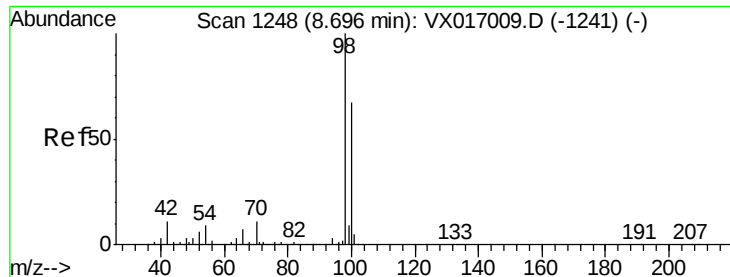
10000

0

5.30 5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 51.897 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017090.D

Acq: 01 Jul 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

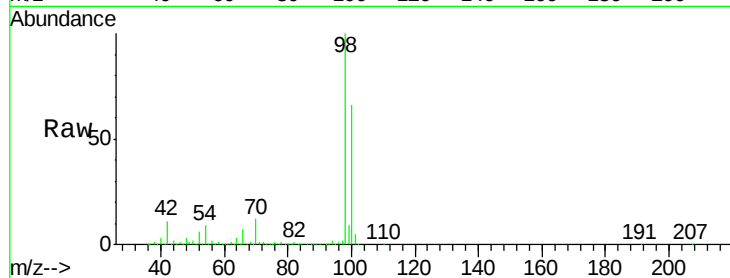
40680DL

Tot Ion: 98 Resp: 432602

Ion Ratio Lower Upper

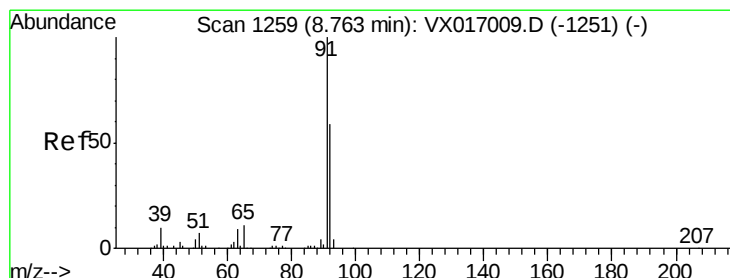
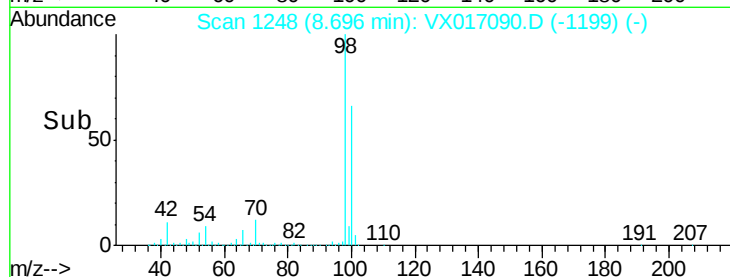
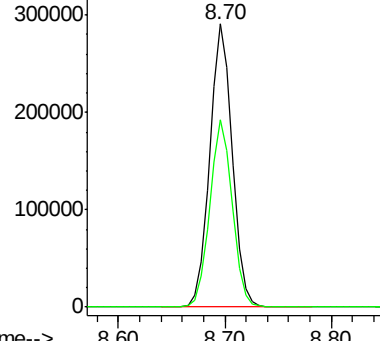
98 100

100 66.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 1.573 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017090.D

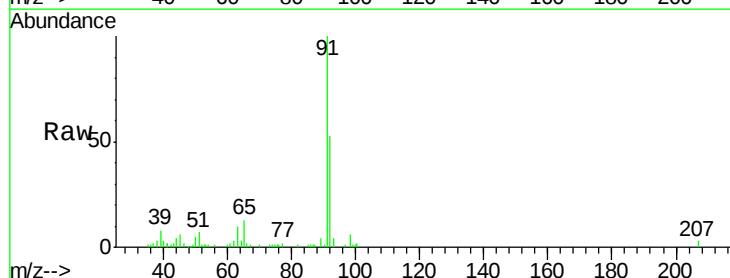
Acq: 01 Jul 2020 12:13

Tgt Ion: 92 Resp: 9717

Ion Ratio Lower Upper

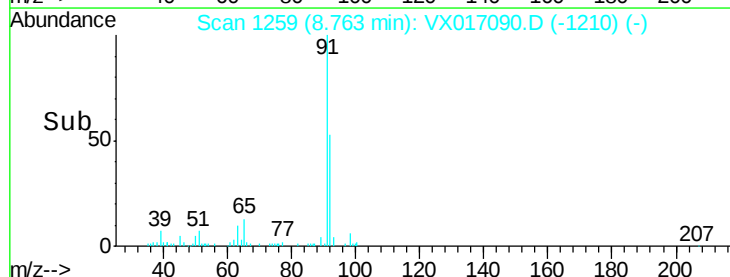
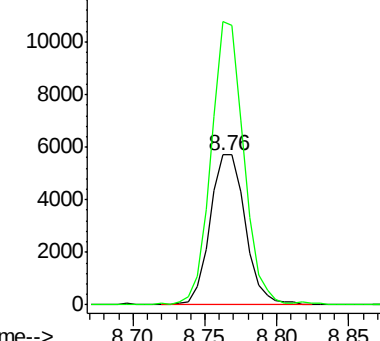
92 100

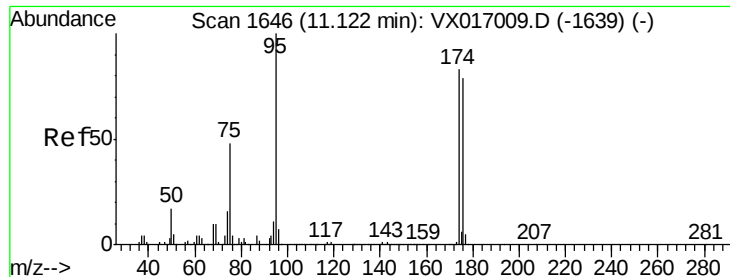
91 173.9 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

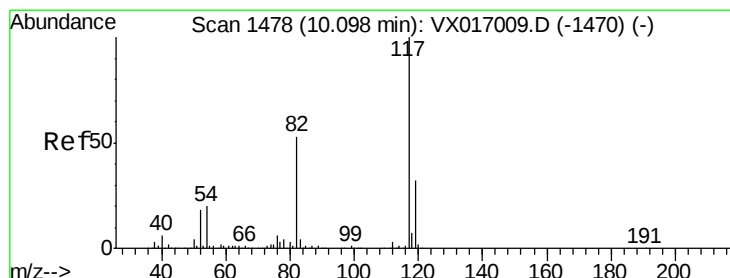
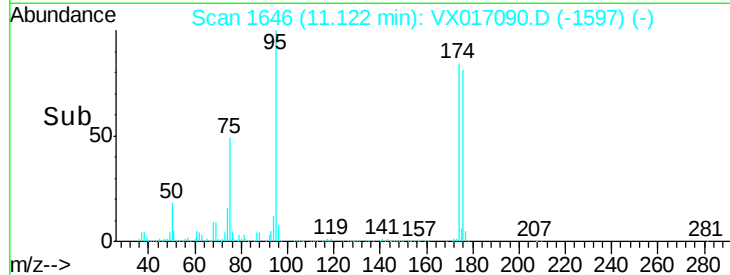
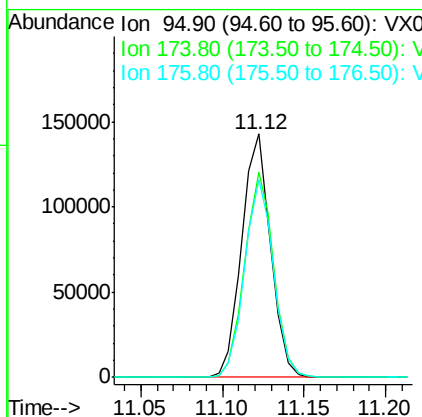
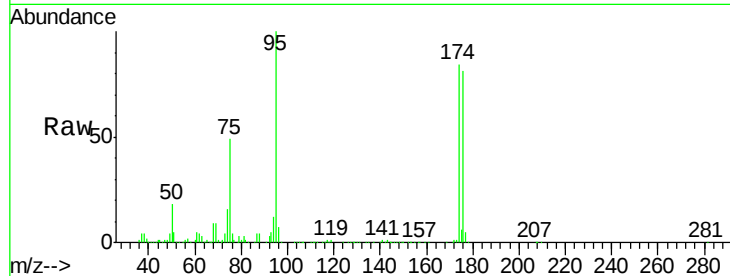




#62
 4-Bromofluorobenzene
 Concen: 54.163 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017090.D
 Acq: 01 Jul 2020 12:13

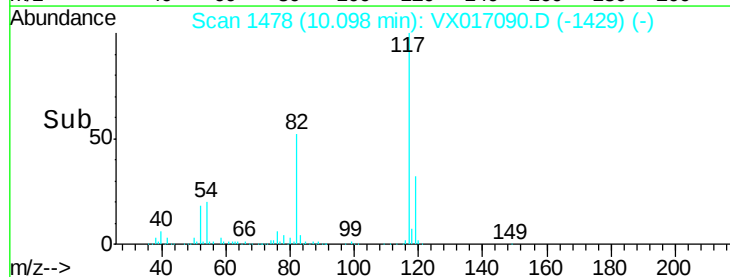
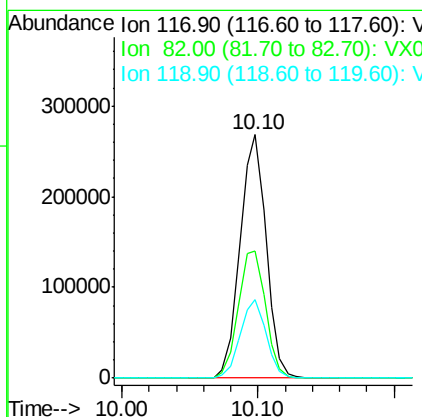
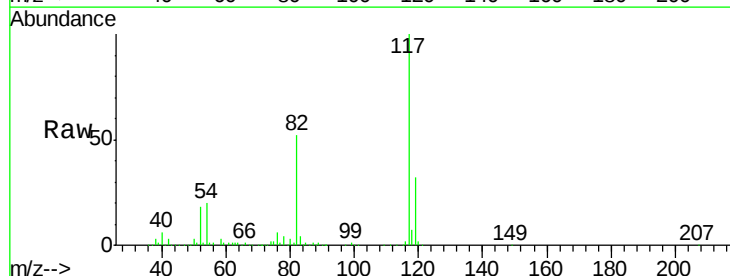
Instrument :
 MSVOA_X
 ClientSampled :
 40680DL

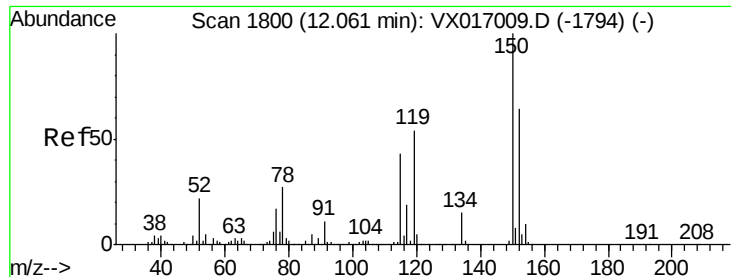
Tot Ion: 95 Resp: 176496
 Ion Ratio Lower Upper
 95 100
 174 84.6 0.0 164.0
 176 81.2 0.0 157.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: VX017090.D
 Acq: 01 Jul 2020 12:13

Tgt Ion: 117 Resp: 359776
 Ion Ratio Lower Upper
 117 100
 82 52.3 42.6 63.8
 119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017090.D

Acq: 01 Jul 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

40680DL

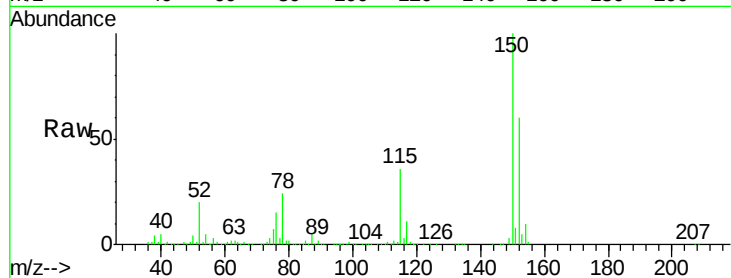
Tot Ion:152 Resp: 185904

Ion Ratio Lower Upper

152 100

115 57.8 40.9 122.7

150 158.6 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

