

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017203.D
 Acq On : 07 Jul 2020 15:07
 Operator : JC/SP
 Sample : L3159-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 60BR-20200629

Quant Time: Jul 08 02:24:14 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

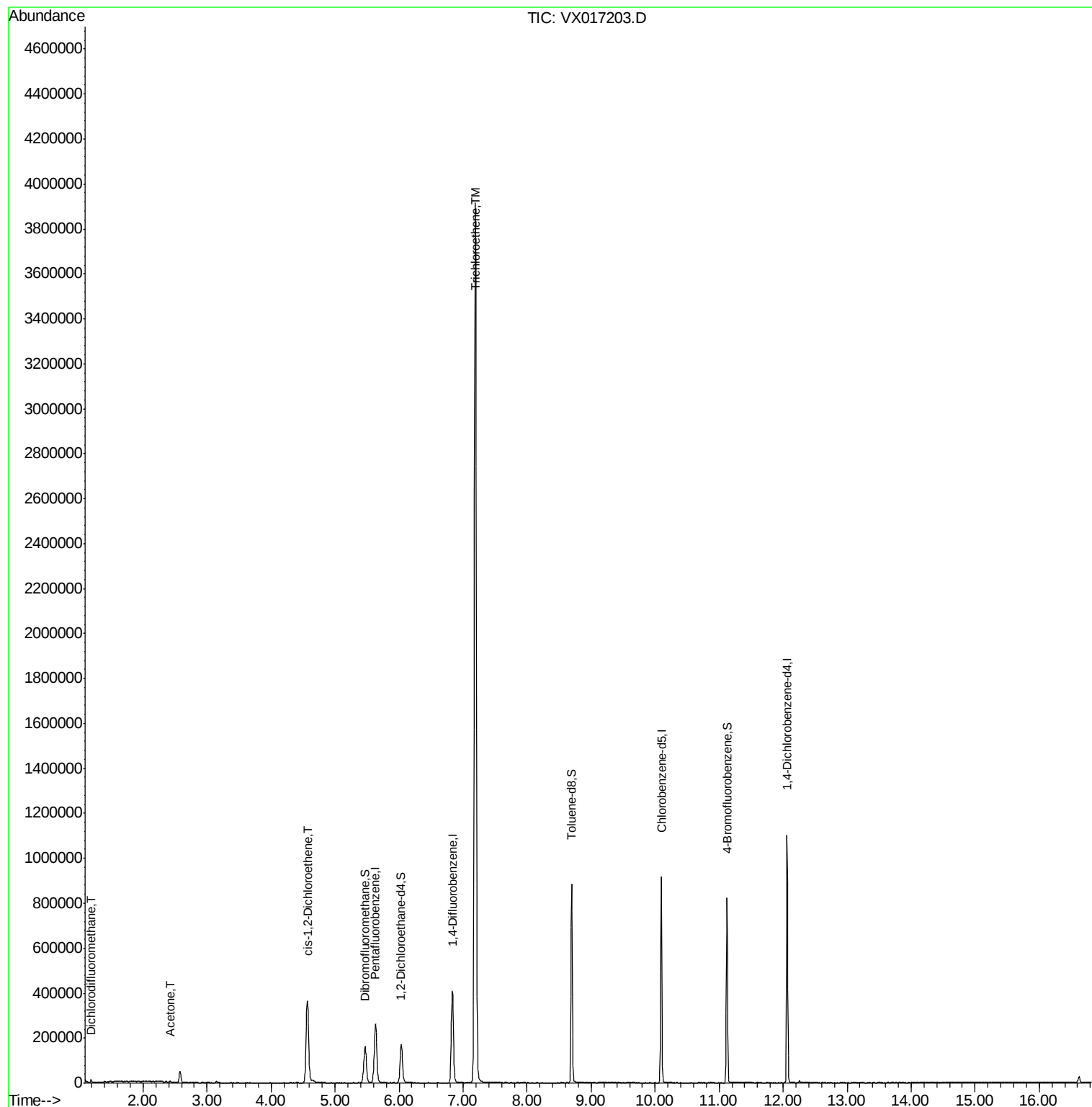
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	255306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	419545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	223444	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	163821	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
35) Dibromofluoromethane	5.47	113	140307	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
50) Toluene-d8	8.70	98	509593	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.12	95	203902	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
Target Compounds						
2) Dichlorodifluoromethane	1.18	85	6410	2.595	ug/l	98
16) Acetone	2.42	43	7437	6.316	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	240059	75.583	ug/l	90
44) Trichloroethene	7.19	130	1557338	487.115	ug/l	96

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
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: VX017203.D

Acq: 07 Jul 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

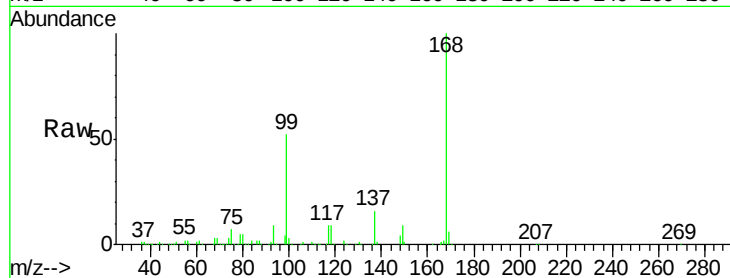
60BR-20200629

Tot Ion:168 Resp: 255306

Ion Ratio Lower Upper

168 100

99 52.3 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

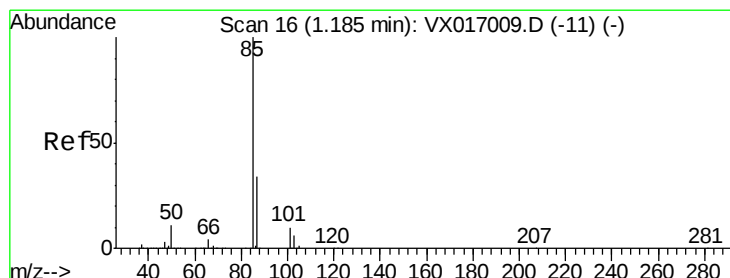
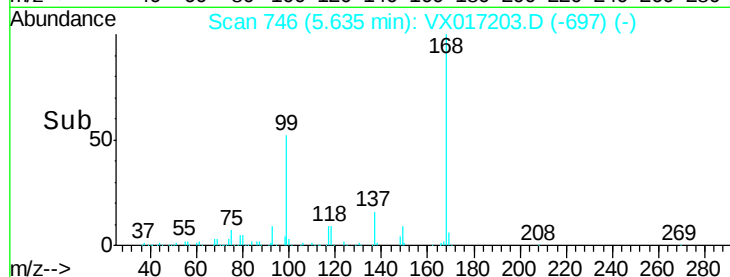
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.595 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017203.D

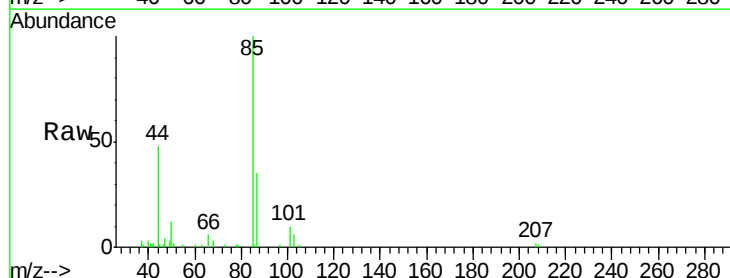
Acq: 07 Jul 2020 15:07

Tgt Ion: 85 Resp: 6410

Ion Ratio Lower Upper

85 100

87 34.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

8000

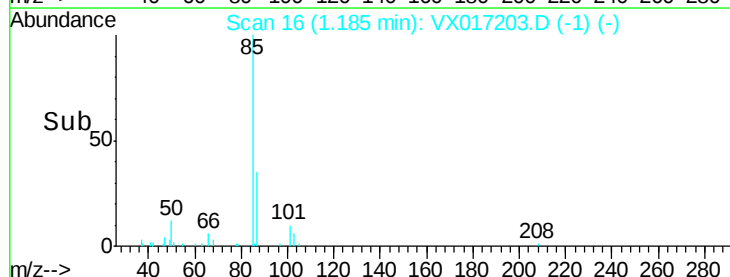
6000

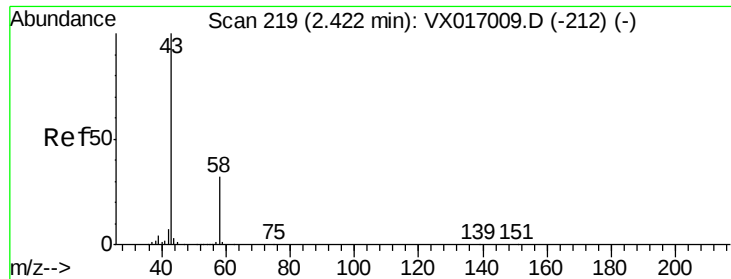
4000

2000

0

Time-->





#16

Acetone

Concen: 6.316 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017203.D

Acq: 07 Jul 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

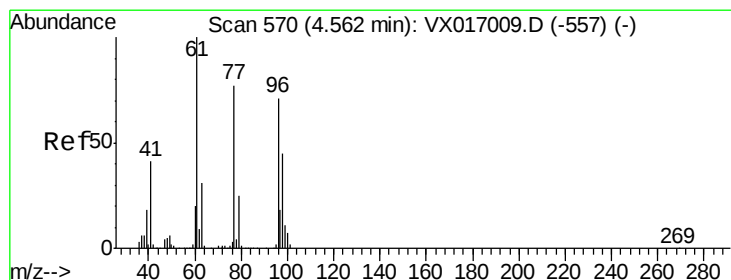
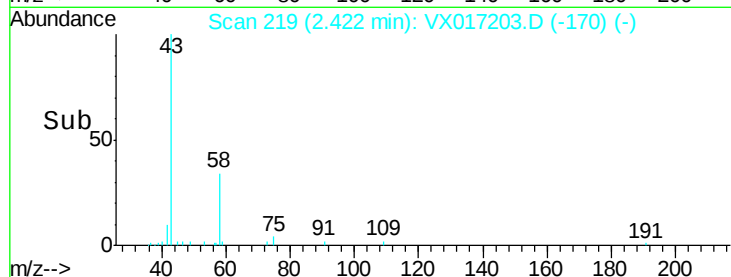
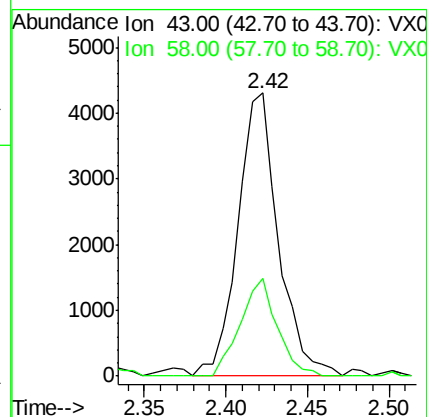
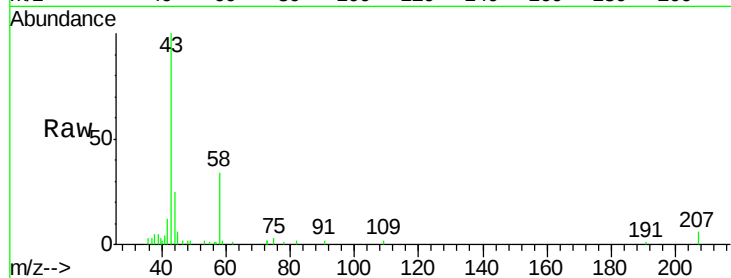
60BR-20200629

Tot Ion: 43 Resp: 7437

Ion Ratio Lower Upper

43 100

58 34.4 25.7 38.5



#27

cis-1,2-Dichloroethene

Concen: 75.583 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX017203.D

Acq: 07 Jul 2020 15:07

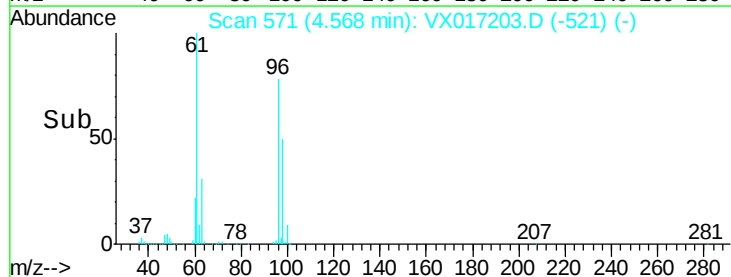
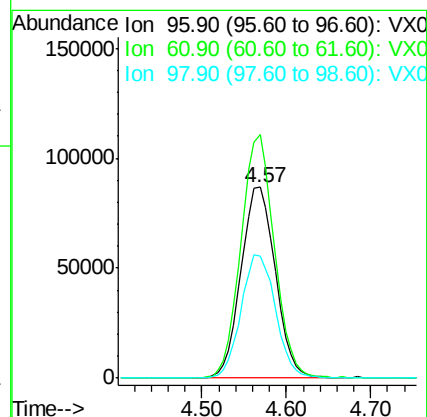
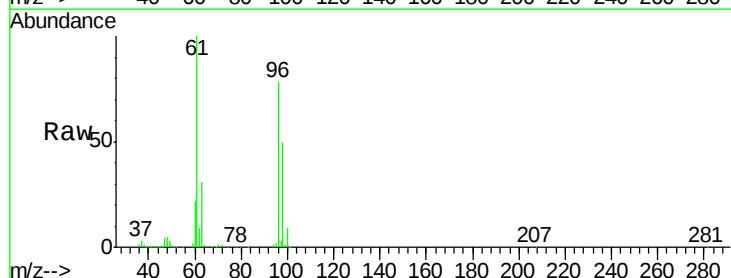
Tgt Ion: 96 Resp: 240059

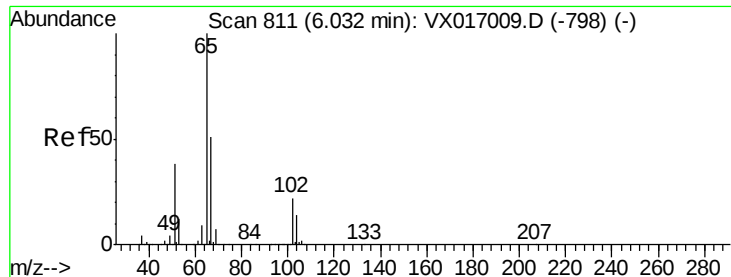
Ion Ratio Lower Upper

96 100

61 123.8 0.0 282.8

98 64.7 0.0 127.6





#33

1,2-Dichloroethane-d4

Concen: 52.049 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017203.D

Acq: 07 Jul 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

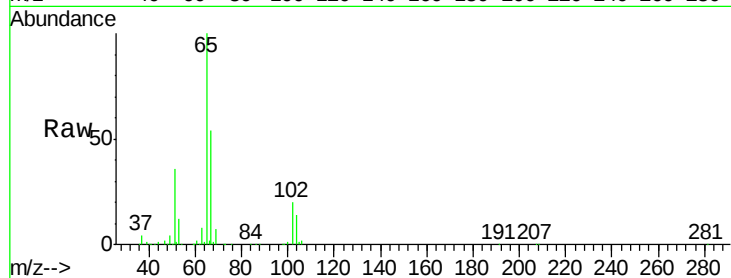
60BR-20200629

Tot Ion: 65 Resp: 163821

Ion Ratio Lower Upper

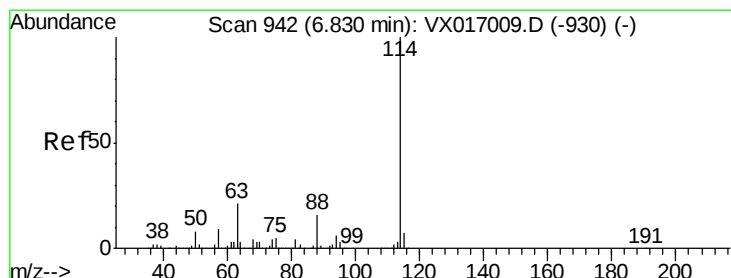
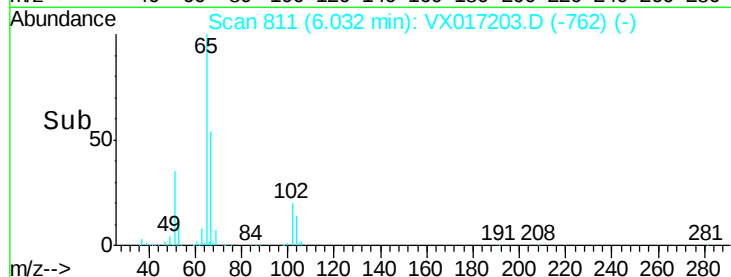
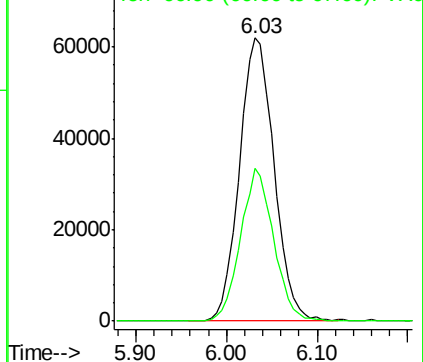
65 100

67 51.8 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: VX017203.D

Acq: 07 Jul 2020 15:07

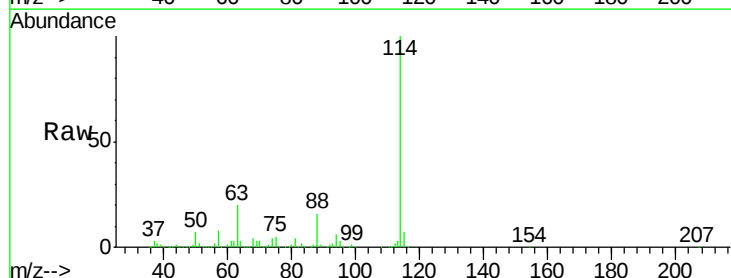
Tgt Ion: 114 Resp: 419545

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

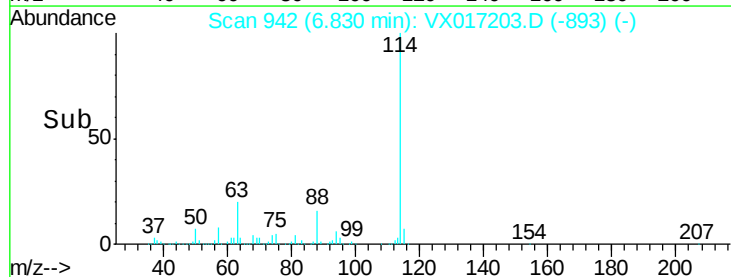
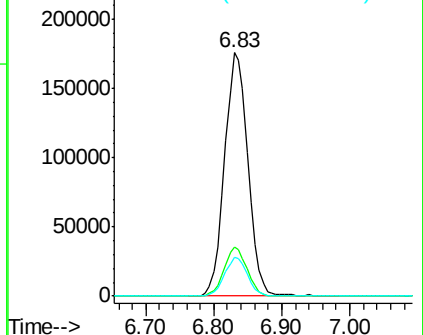
88 16.0 0.0 32.4

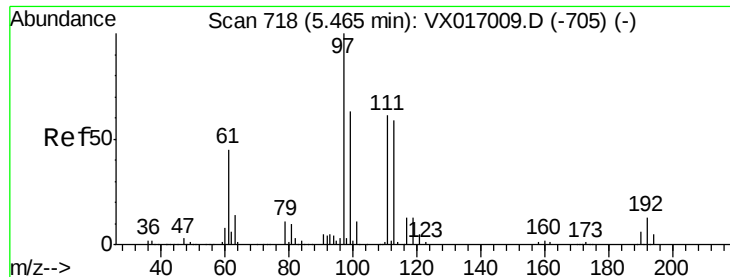


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

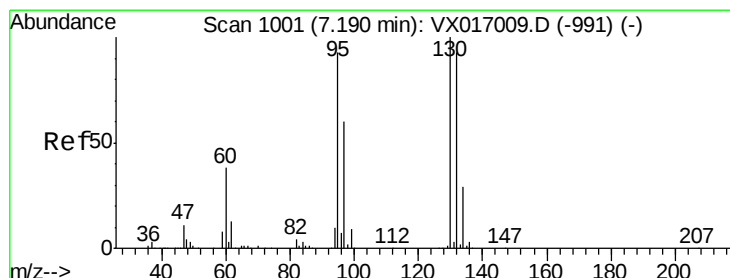
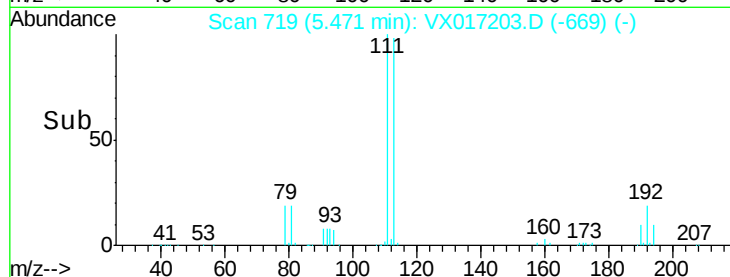
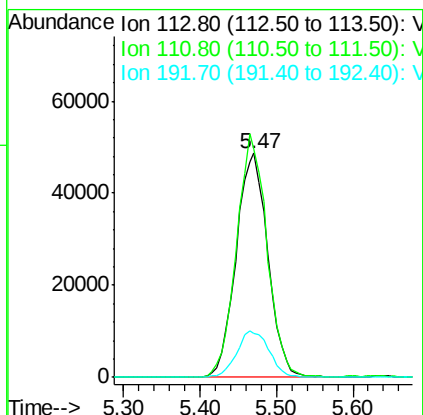
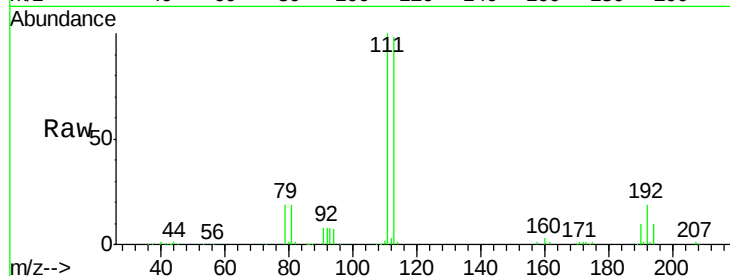




#35
 Dibromofluoromethane
 Concen: 52.868 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017203.D
 Acq: 07 Jul 2020 15:07

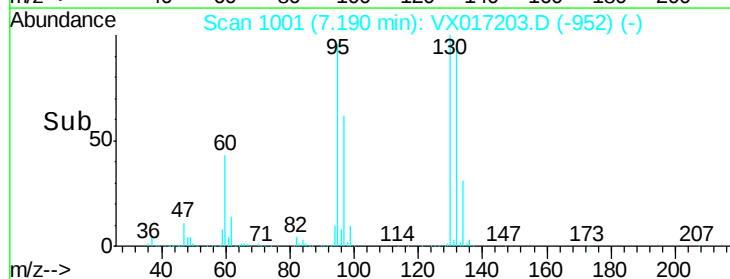
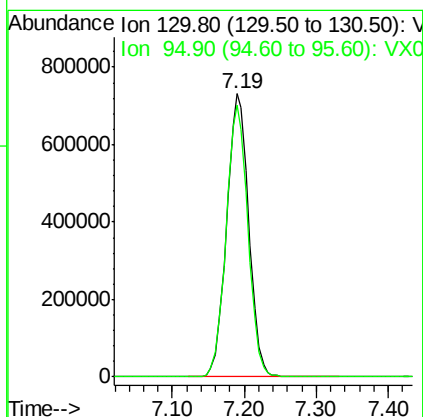
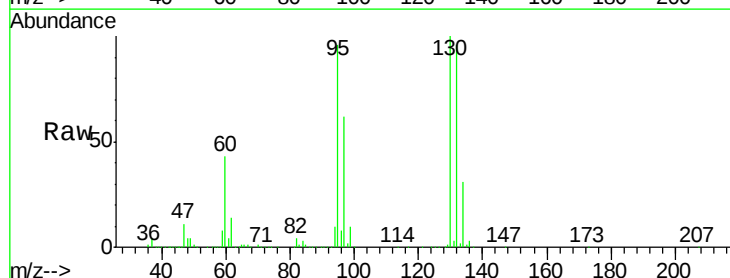
Instrument :
 MSVOA_X
 ClientSampleId :
 60BR-20200629

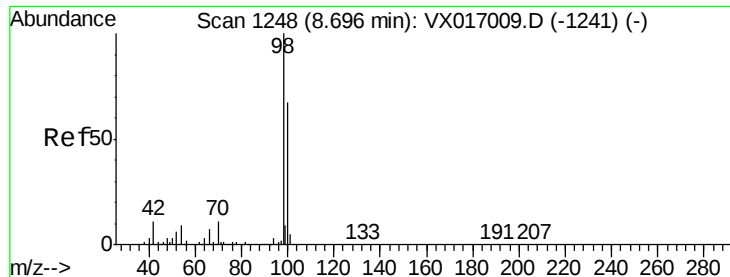
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.9	122.9
192	21.1	16.7	25.1



#44
 Trichloroethene
 Concen: 487.115 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017203.D
 Acq: 07 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	185.0





#50

Toluene-d8

Concen: 51.927 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017203.D

Acq: 07 Jul 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

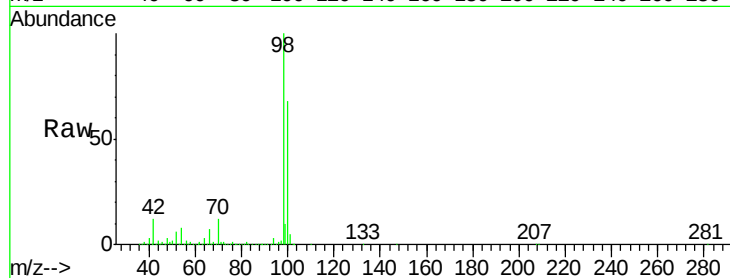
60BR-20200629

Tot Ion: 98 Resp: 509593

Ion Ratio Lower Upper

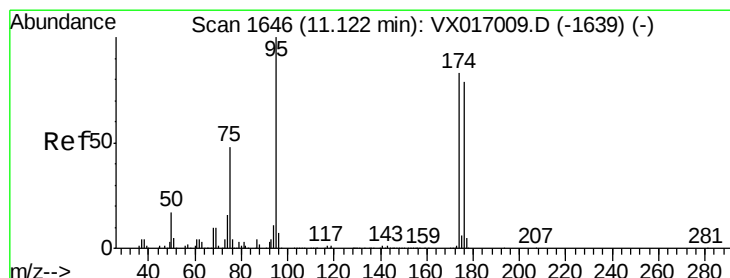
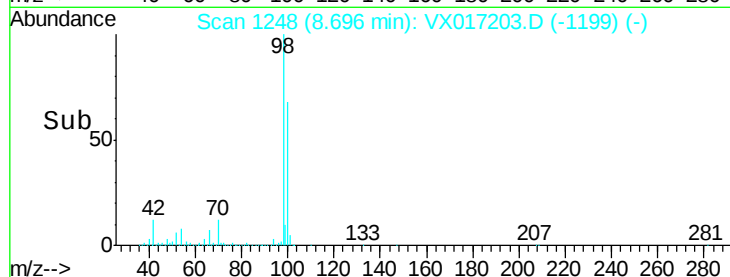
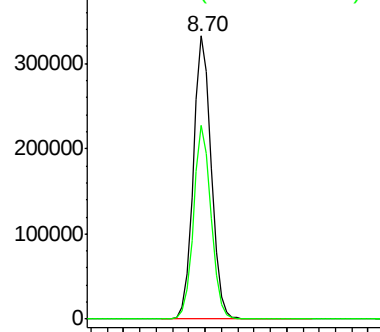
98 100

100 66.8 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: 53.151 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017203.D

Acq: 07 Jul 2020 15:07

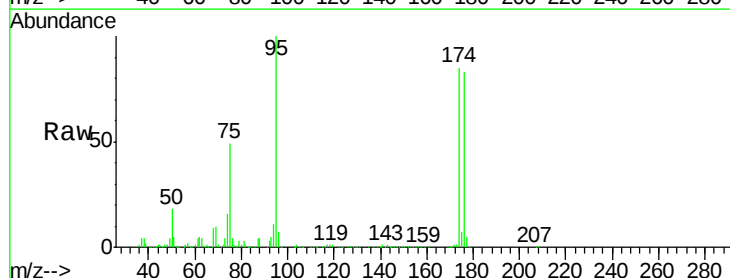
Tgt Ion: 95 Resp: 203902

Ion Ratio Lower Upper

95 100

174 85.4 0.0 164.0

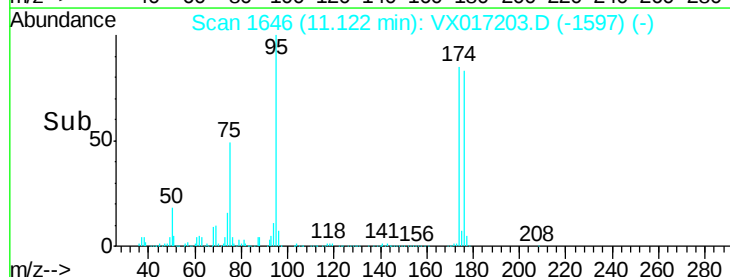
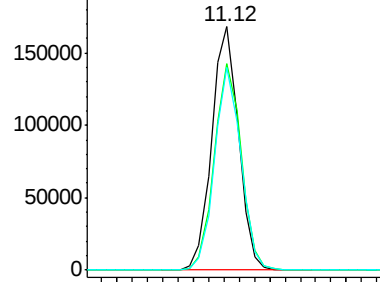
176 82.0 0.0 157.6

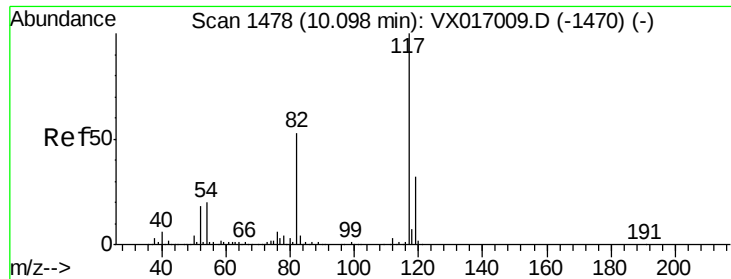


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

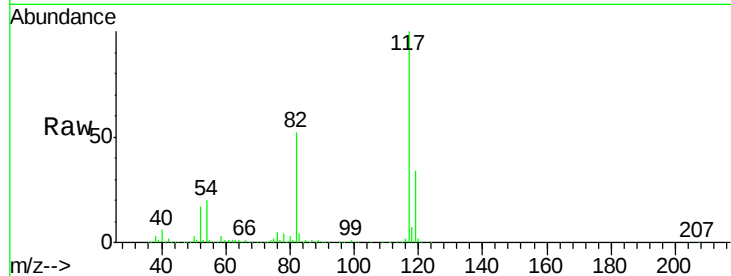




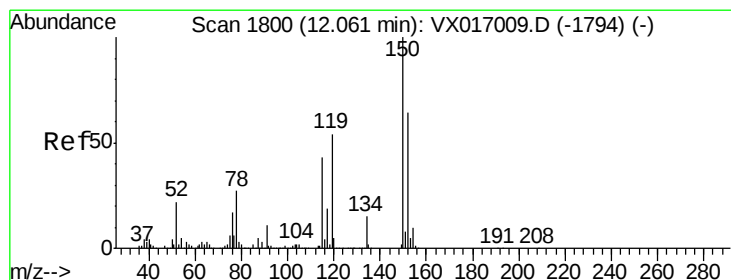
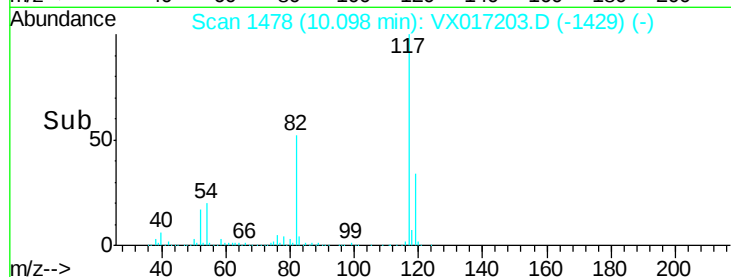
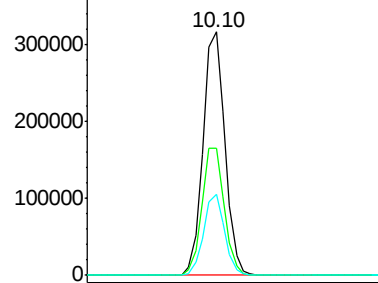
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017203.D
Acq: 07 Jul 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
60BR-20200629

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.6	63.8
119	33.5	25.4	38.2

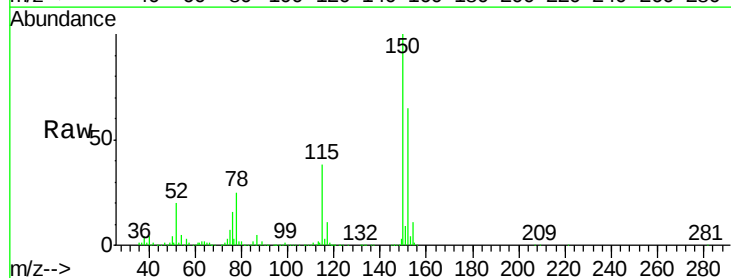


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017203.D
Acq: 07 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	40.9	122.7
150	154.5	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

