

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017209.D
 Acq On : 07 Jul 2020 17:23
 Operator : JC/SP
 Sample : L3159-16DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 46BR-20200629DL

Quant Time: Jul 08 06:13:12 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

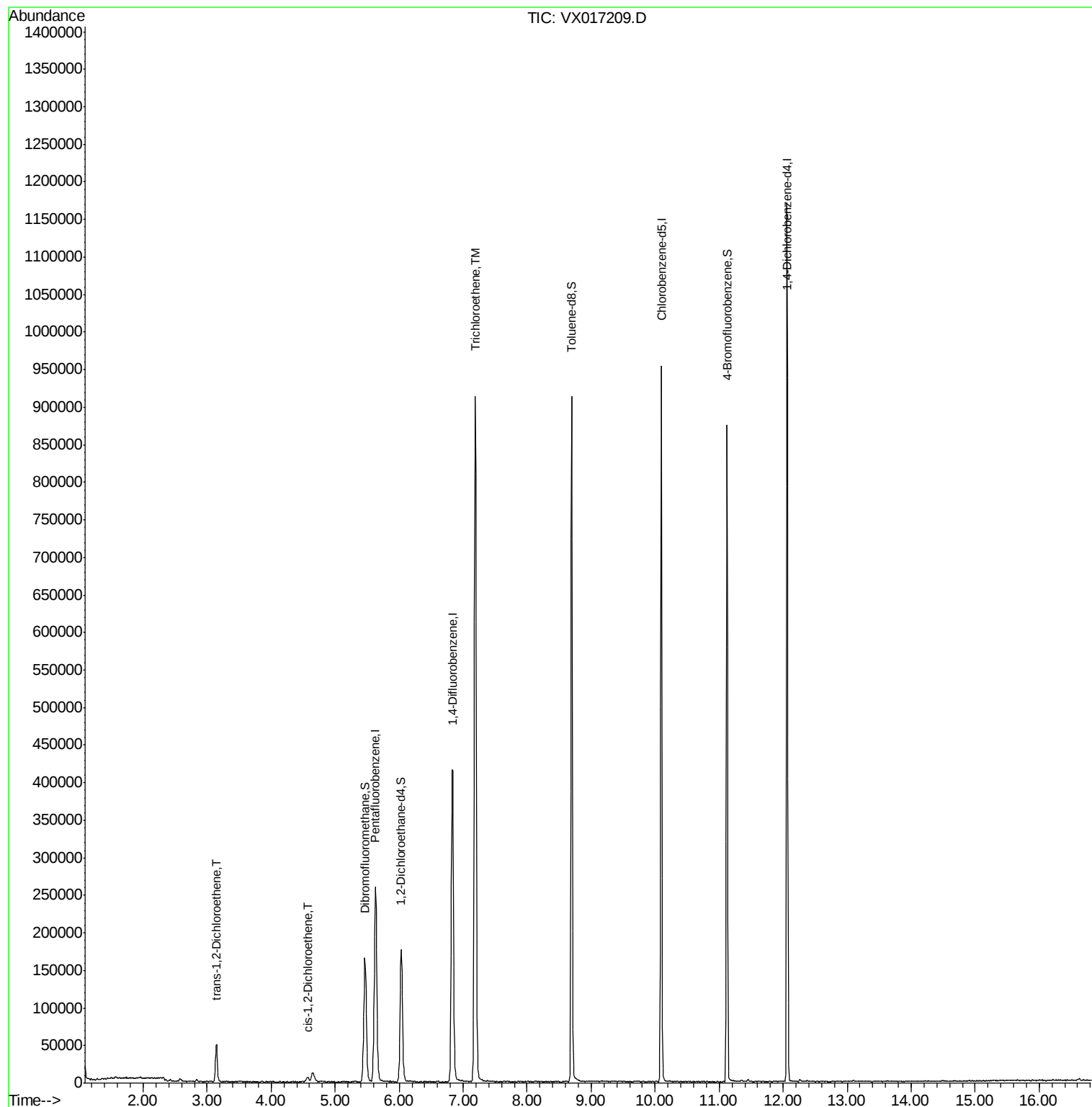
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	250394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	427606	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	444996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	237844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	167542	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
35) Dibromofluoromethane	5.46	113	143450	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
50) Toluene-d8	8.70	98	523877	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	11.12	95	214709	54.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.82%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.15	96	21237	7.725	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	4001	1.284	ug/l	90
44) Trichloroethene	7.19	130	359162	109.982	ug/l	96

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

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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: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017209.D

Acq: 07 Jul 2020 17:23

Instrument :

MSVOA_X

ClientSampleId :

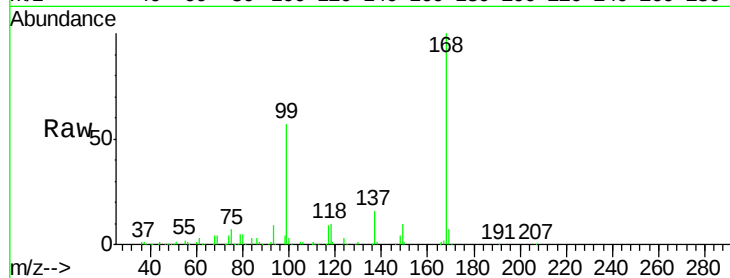
46BR-20200629DL

Tot Ion:168 Resp: 250394

Ion Ratio Lower Upper

168 100

99 57.1 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

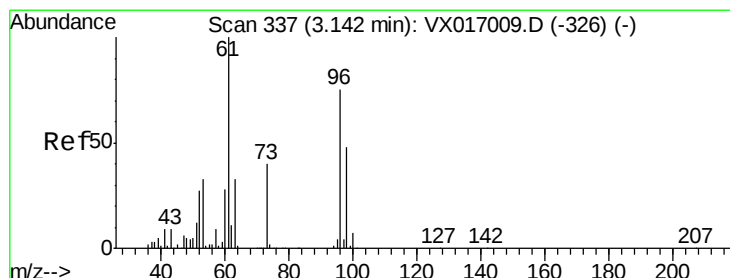
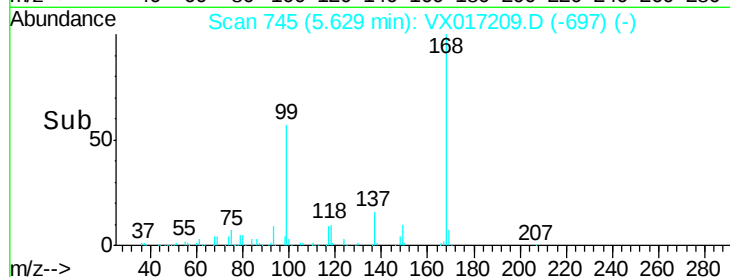
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#21

trans-1,2-Dichloroethene

Concen: 7.725 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017209.D

Acq: 07 Jul 2020 17:23

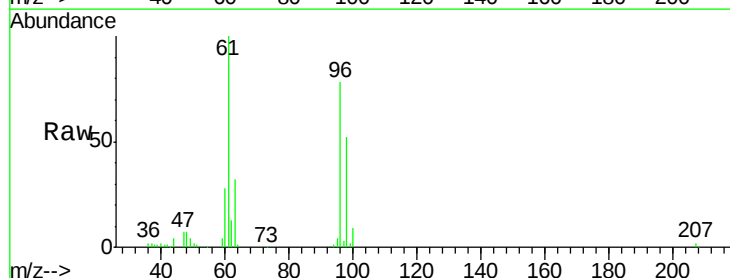
Tgt Ion: 96 Resp: 21237

Ion Ratio Lower Upper

96 100

61 127.2 107.0 160.6

98 66.5 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

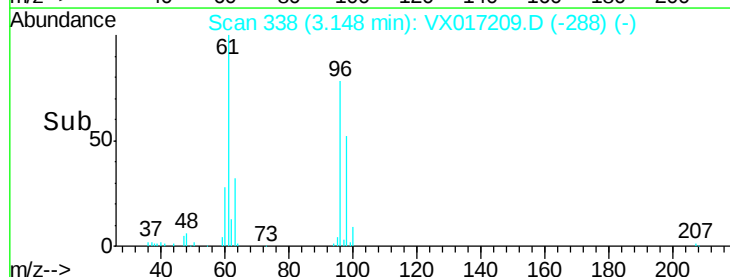
15000

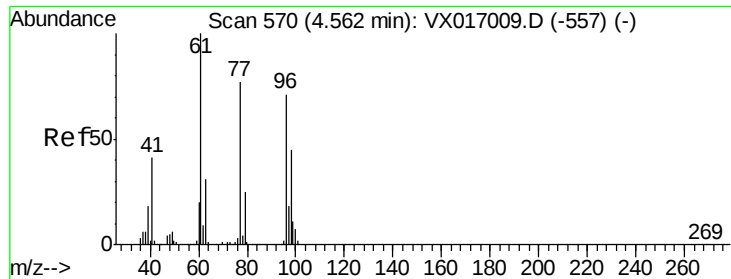
10000

5000

0

Time--> 3.05 3.10 3.15 3.20



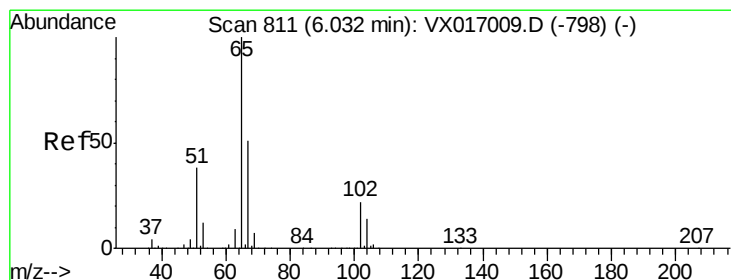
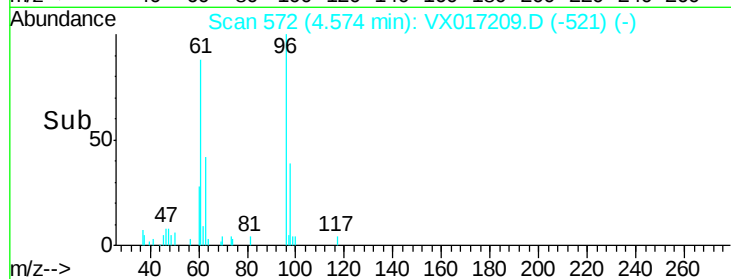
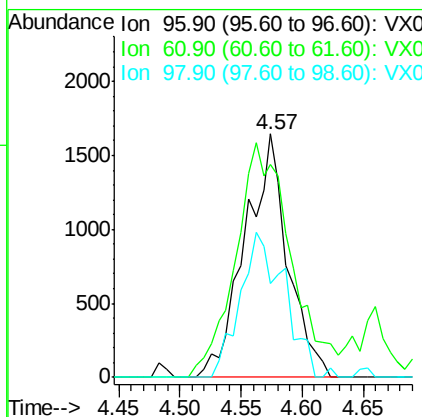
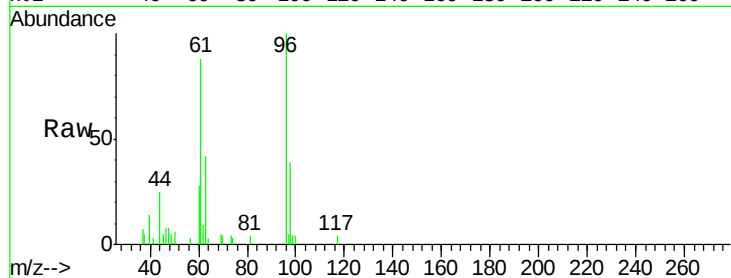


#27

cis-1,2-Dichloroethene
 Concen: 1.284 ug/l
 RT: 4.57 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VX017209.D
 Acq: 07 Jul 2020 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 46BR-20200629DL

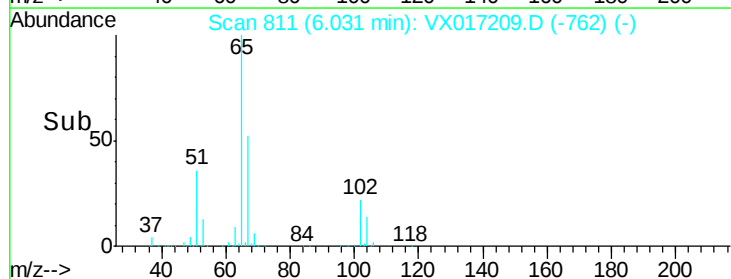
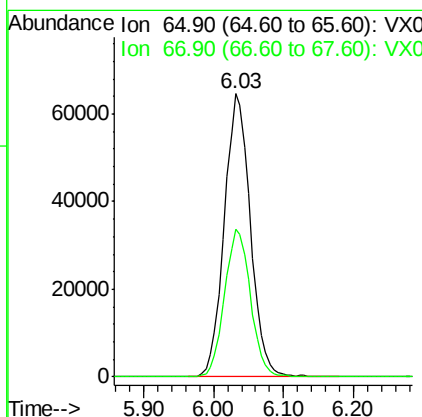
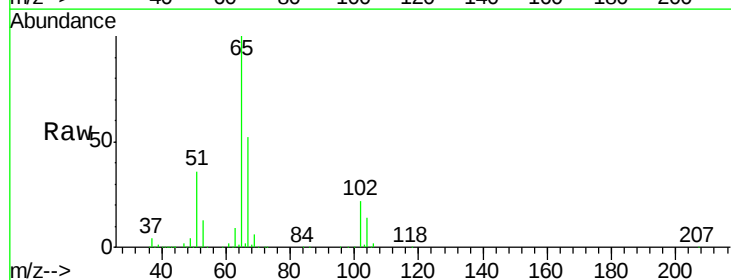
Tot Ion	Ratio	Lower	Upper
96	100		
61	124.8	0.0	282.8
98	61.2	0.0	127.6

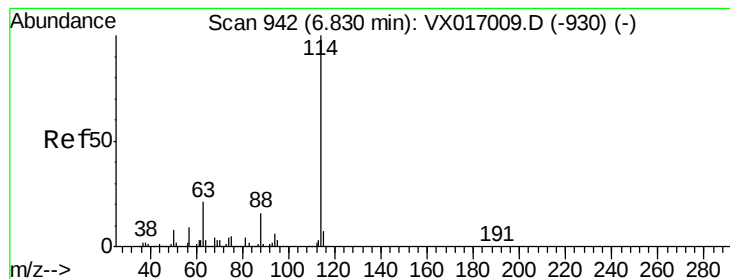


#33

1,2-Dichloroethane-d4
 Concen: 54.276 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017209.D
 Acq: 07 Jul 2020 17:23

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017209.D

Acq: 07 Jul 2020 17:23

Instrument :

MSVOA_X

ClientSampleId :

46BR-20200629DL

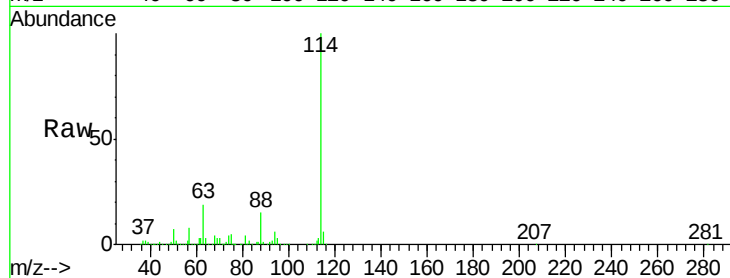
Tot Ion:114 Resp: 427606

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

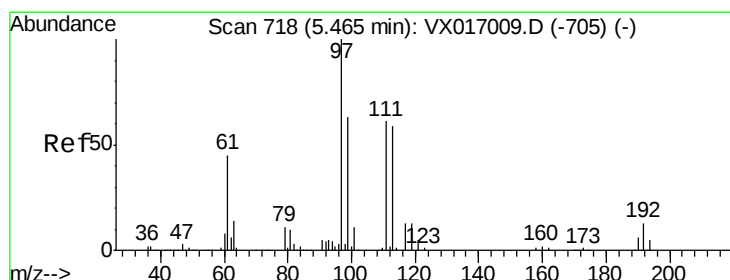
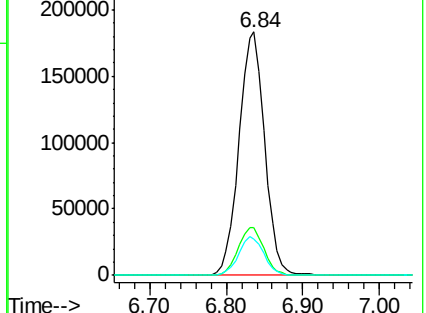
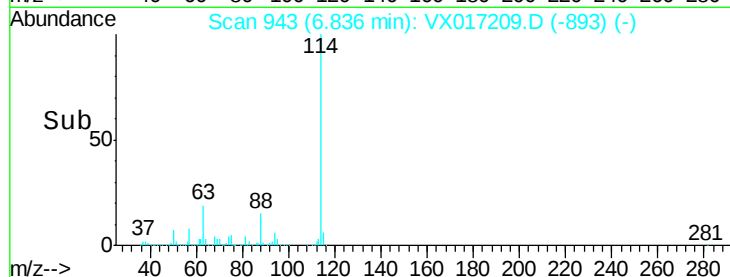
88 14.8 0.0 32.4



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: 53.033 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017209.D

Acq: 07 Jul 2020 17:23

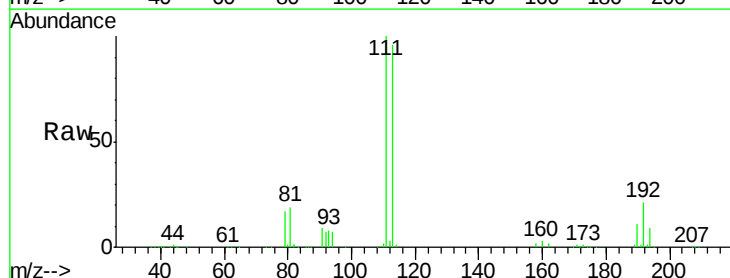
Tgt Ion:113 Resp: 143450

Ion Ratio Lower Upper

113 100

111 104.0 81.9 122.9

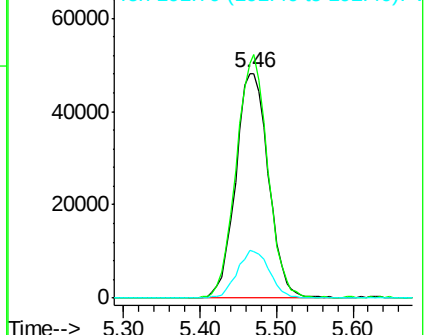
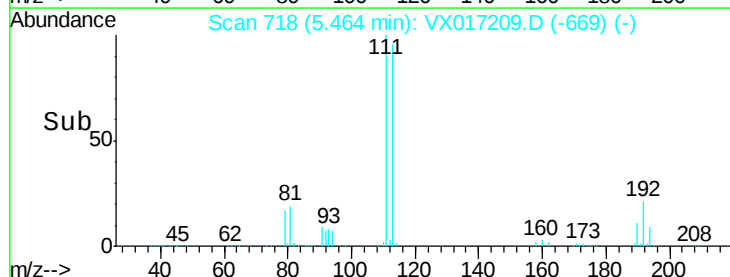
192 21.0 16.7 25.1

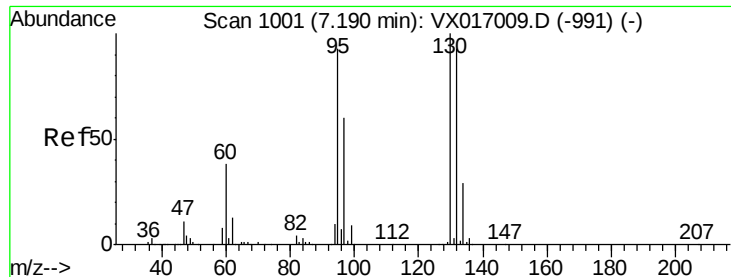


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 109.982 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017209.D

Acq: 07 Jul 2020 17:23

Instrument :

MSVOA_X

ClientSampleId :

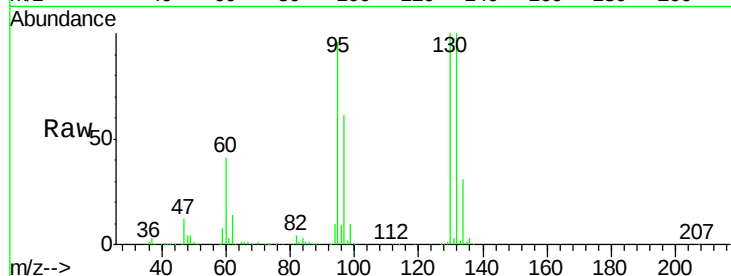
46BR-20200629DL

Tot Ion:130 Resp: 359162

Ion Ratio Lower Upper

130 100

95 96.1 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

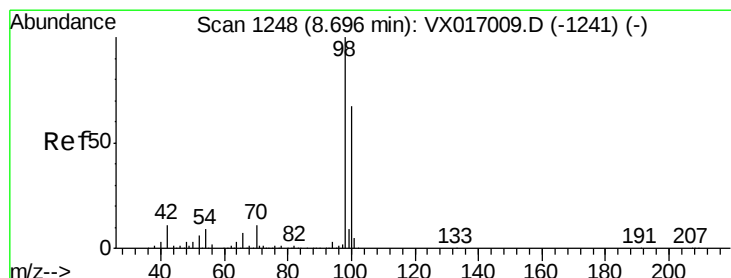
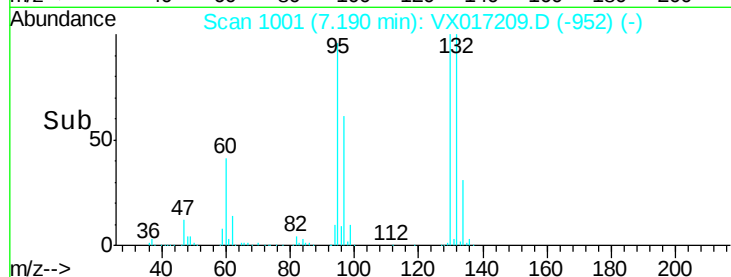
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 52.376 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017209.D

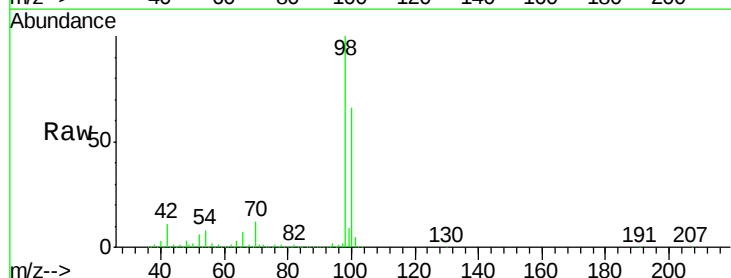
Acq: 07 Jul 2020 17:23

Tgt Ion: 98 Resp: 523877

Ion Ratio Lower Upper

98 100

100 65.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

400000

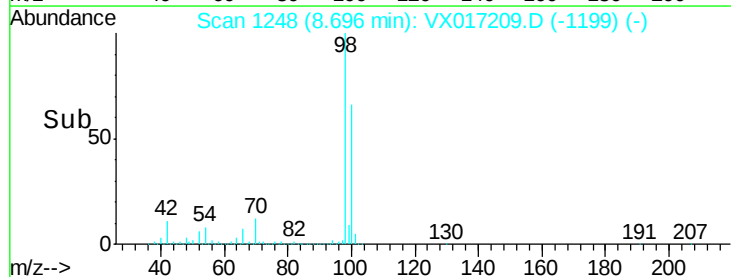
300000

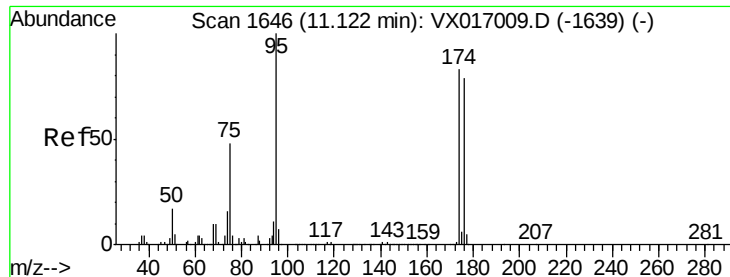
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 54.913 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017209.D

Acq: 07 Jul 2020 17:23

Instrument :

MSVOA_X

ClientSampleId :

46BR-20200629DL

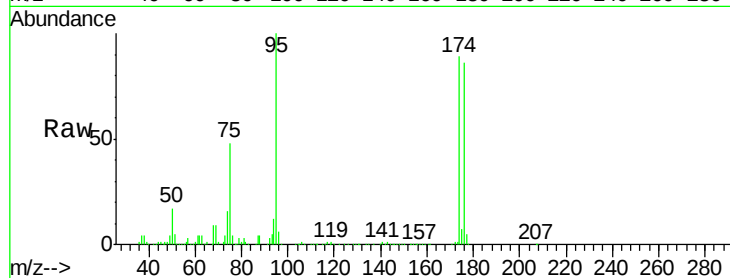
Tot Ion: 95 Resp: 214709

Ion Ratio Lower Upper

95 100

174 85.8 0.0 164.0

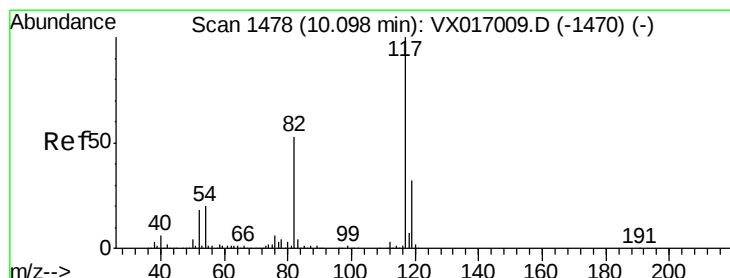
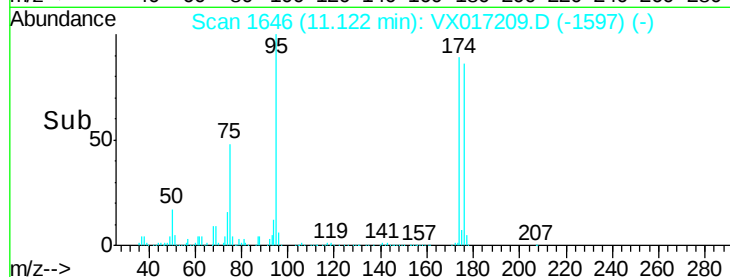
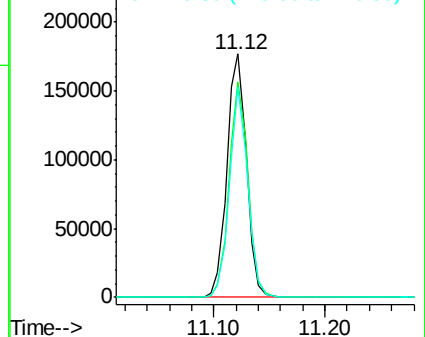
176 80.3 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017209.D

Acq: 07 Jul 2020 17:23

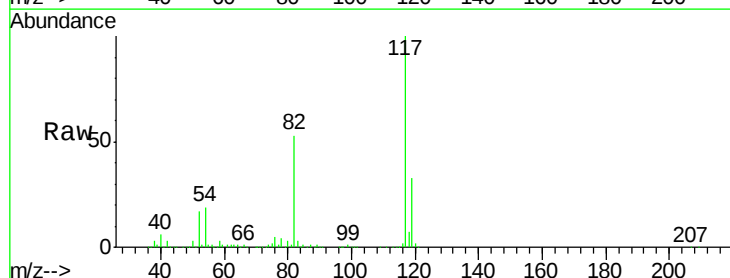
Tgt Ion: 117 Resp: 444996

Ion Ratio Lower Upper

117 100

82 52.5 42.6 63.8

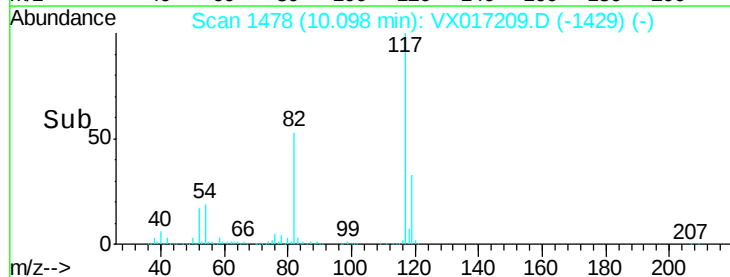
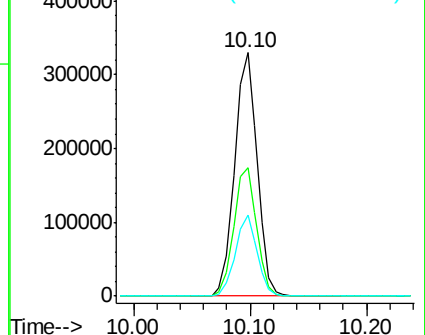
119 33.2 25.4 38.2

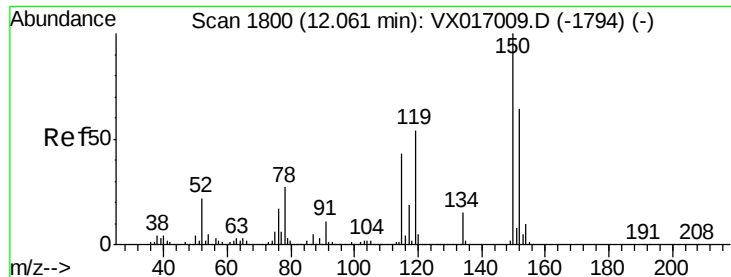


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017209.D

Acq: 07 Jul 2020 17:23

Instrument :

MSVOA_X

ClientSampleId :

46BR-20200629DL

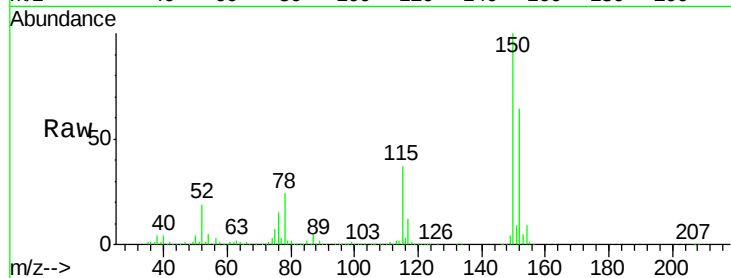
Tot Ion:152 Resp: 237844

Ion Ratio Lower Upper

152 100

115 55.7 40.9 122.7

150 154.4 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

