

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017202.D
 Acq On : 07 Jul 2020 14:44
 Operator : JC/SP
 Sample : L3159-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 47BR-20200629

Quant Time: Jul 08 02:22:11 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

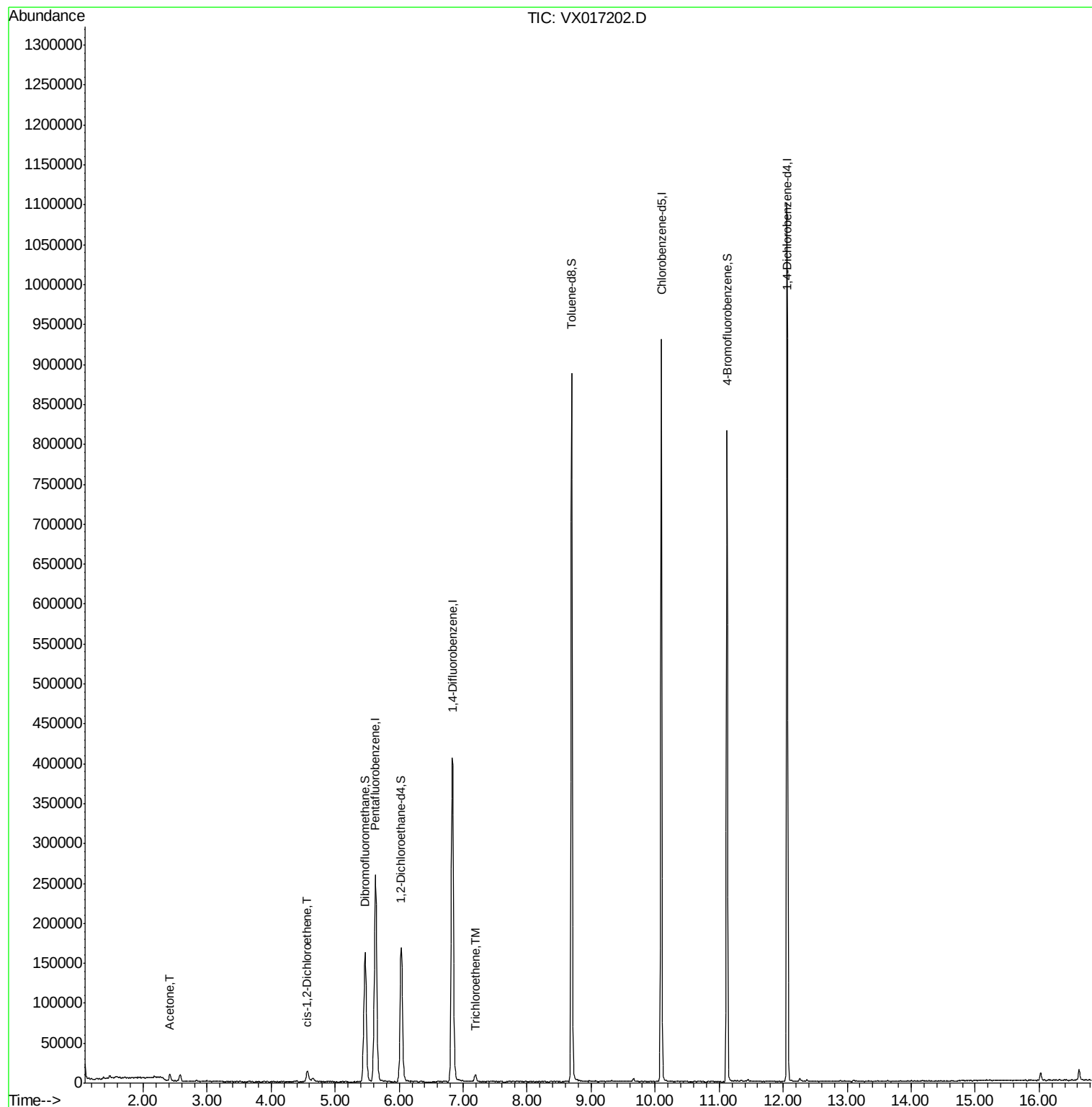
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	242080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	419117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	429398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	165101	55.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.64%	
35) Dibromofluoromethane	5.47	113	141784	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
50) Toluene-d8	8.70	98	504044	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.12	95	206212	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
Target Compounds						
16) Acetone	2.42	43	8529	7.640	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	8574	2.847	ug/l	83
44) Trichloroethene	7.20	130	3134	0.670	ug/l	90

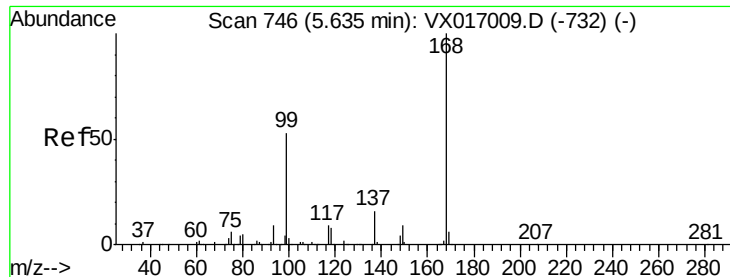
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
47BR-20200629

Quant Time: Jul 08 02:22:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
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: VX017202.D

Acq: 07 Jul 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

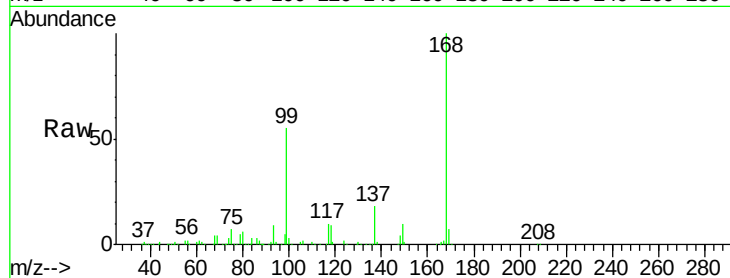
47BR-20200629

Tot Ion:168 Resp: 242080

Ion Ratio Lower Upper

168 100

99 55.5 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

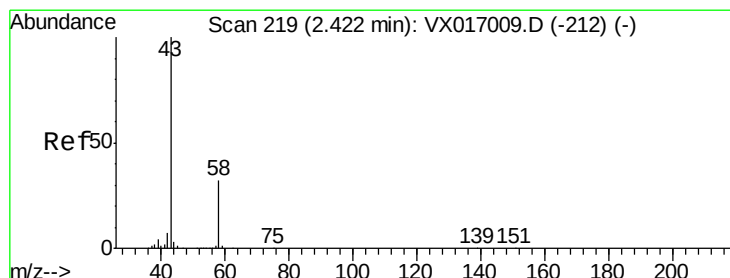
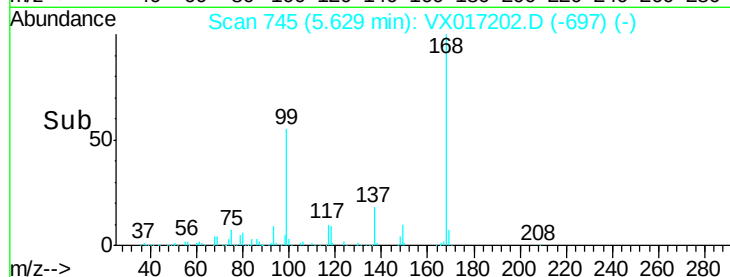
0

5.50

5.60

5.70

Time-->



#16

Acetone

Concen: 7.640 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017202.D

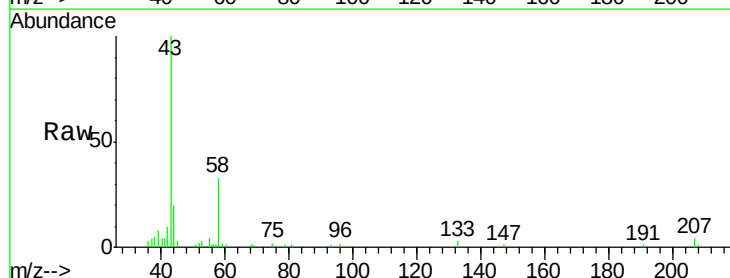
Acq: 07 Jul 2020 14:44

Tgt Ion: 43 Resp: 8529

Ion Ratio Lower Upper

43 100

58 33.8 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

5000

4000

3000

2000

1000

0

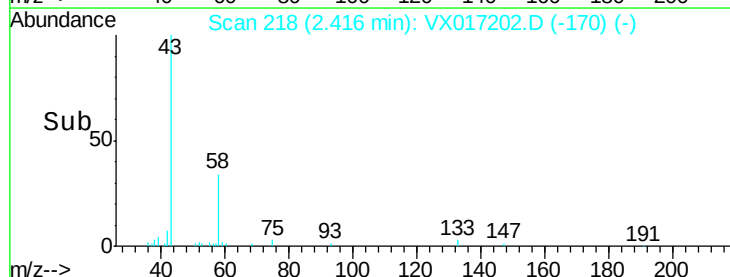
2.35

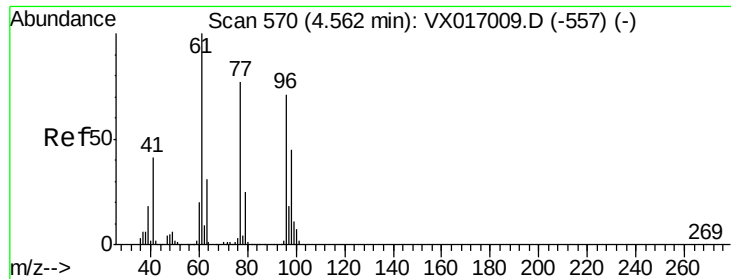
2.40

2.45

2.50

Time-->



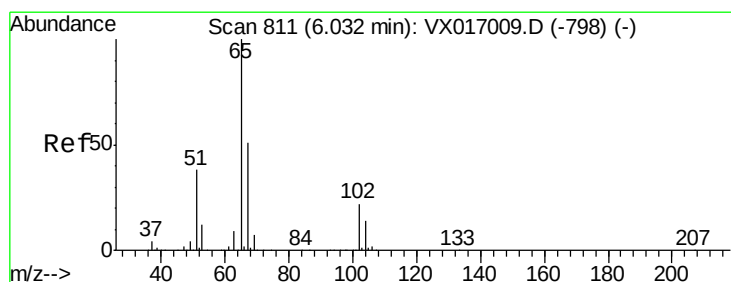
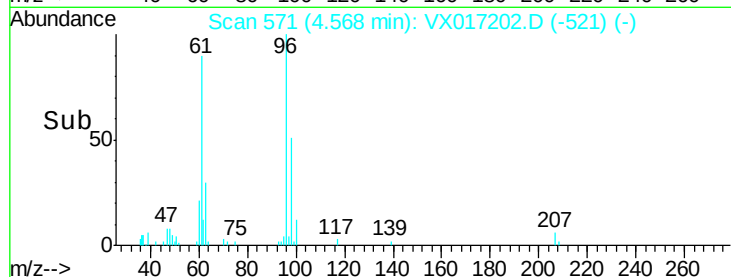
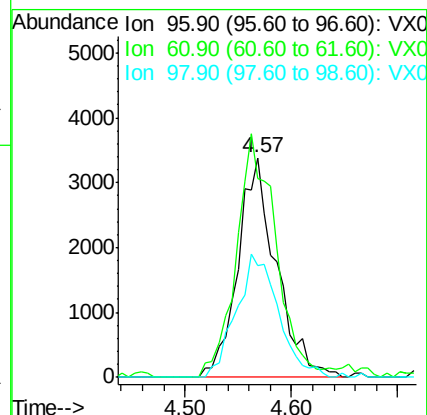
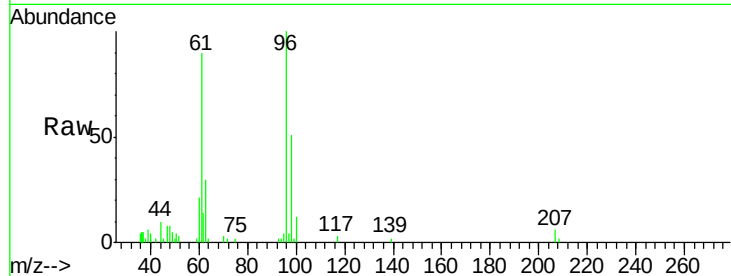


#27

cis-1,2-Dichloroethene
Concen: 2.847 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017202.D
Acq: 07 Jul 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
47BR-20200629

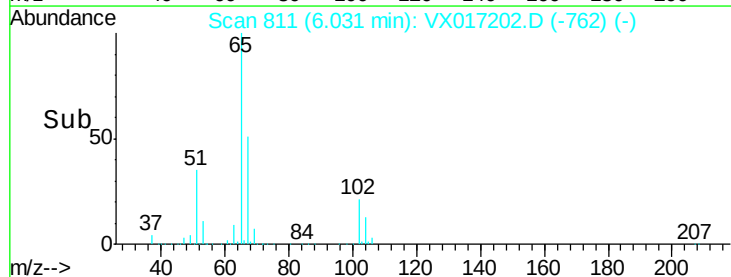
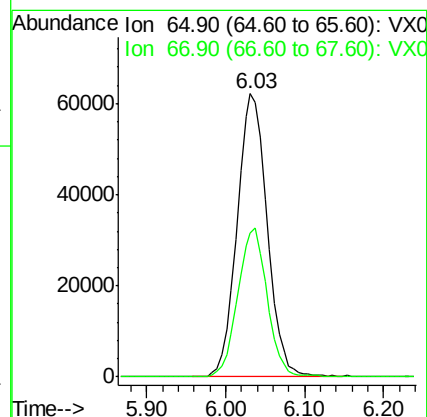
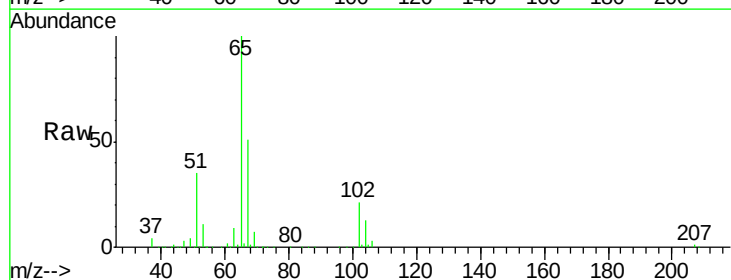
Tot Ion	96	Resp	8574
Ion	Ratio	Lower	Upper
96	100		
61	113.1	0.0	282.8
98	61.1	0.0	127.6

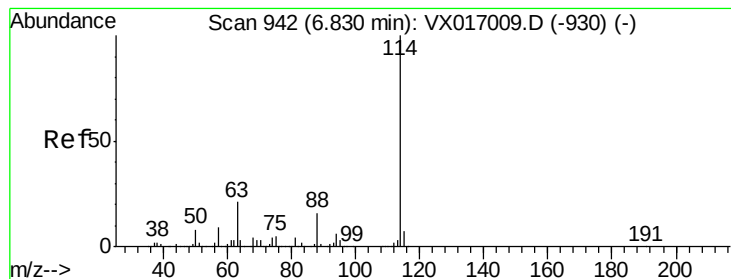


#33

1,2-Dichloroethane-d4
Concen: 55.322 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017202.D
Acq: 07 Jul 2020 14:44

Tgt Ion	65	Resp	165101
Ion	Ratio	Lower	Upper
65	100		
67	51.3	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: VX017202.D

Acq: 07 Jul 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

47BR-20200629

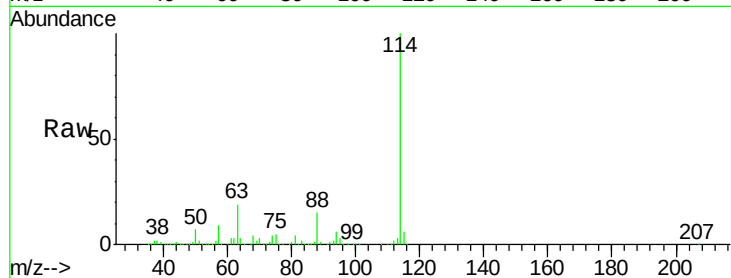
Tot Ion:114 Resp: 419117

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

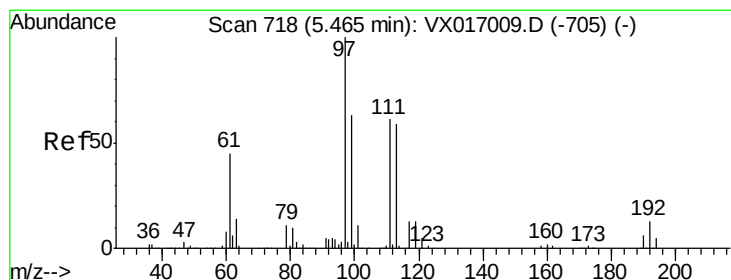
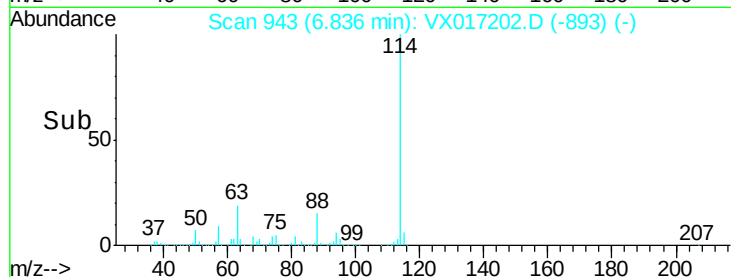
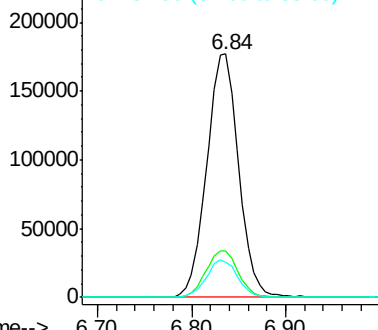
88 14.5 0.0 32.4



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: 53.479 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017202.D

Acq: 07 Jul 2020 14:44

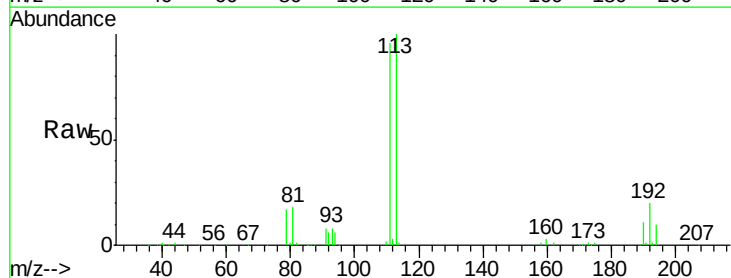
Tgt Ion:113 Resp: 141784

Ion Ratio Lower Upper

113 100

111 100.8 81.9 122.9

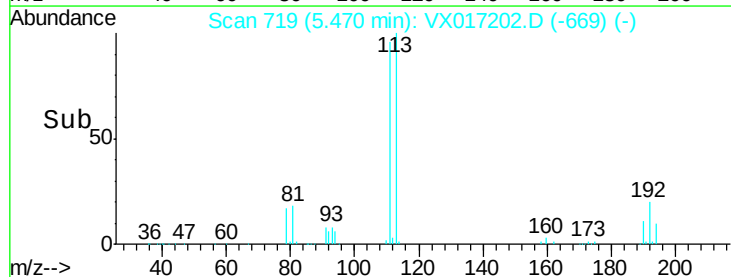
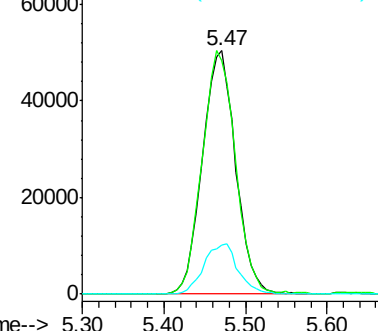
192 21.4 16.7 25.1

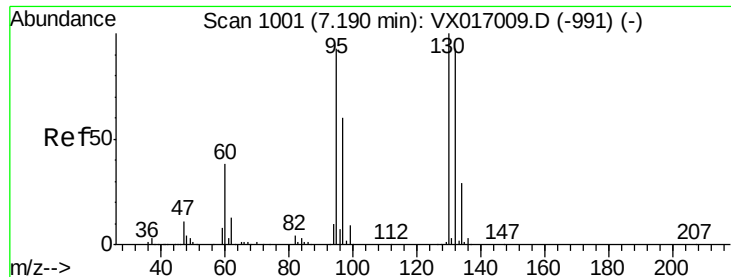


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.670 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX017202.D

Acq: 07 Jul 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

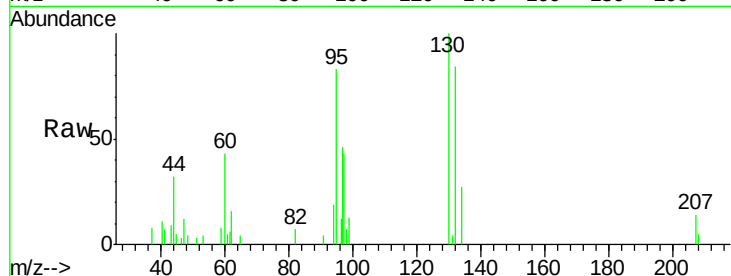
47BR-20200629

Tot Ion:130 Resp: 3134

Ion Ratio Lower Upper

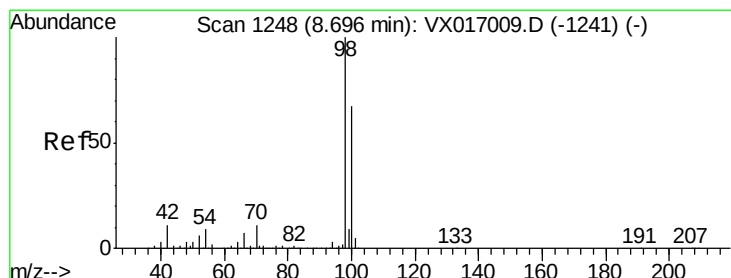
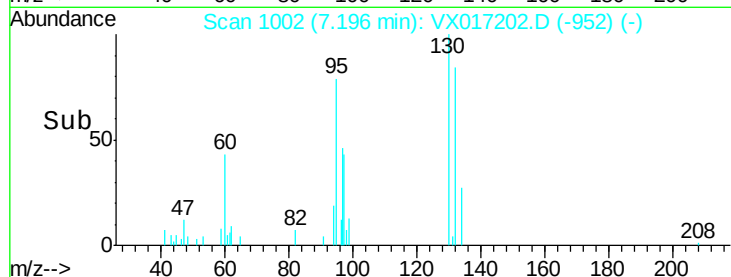
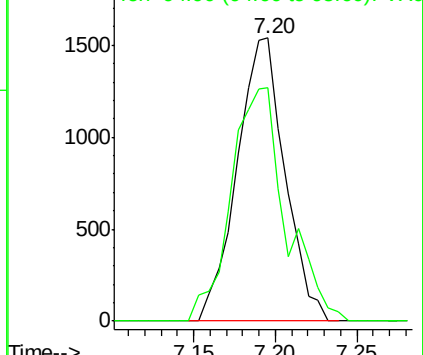
130 100

95 82.6 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.414 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017202.D

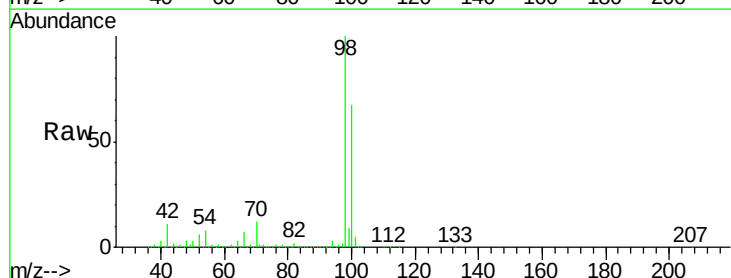
Acq: 07 Jul 2020 14:44

Tgt Ion: 98 Resp: 504044

Ion Ratio Lower Upper

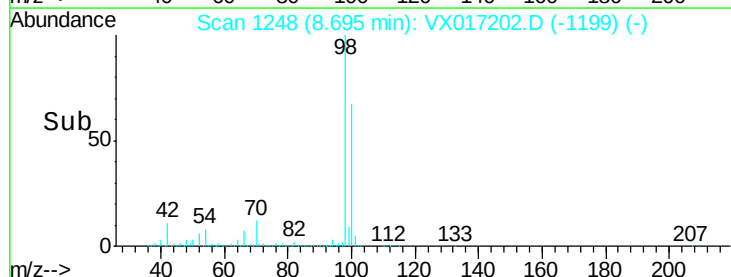
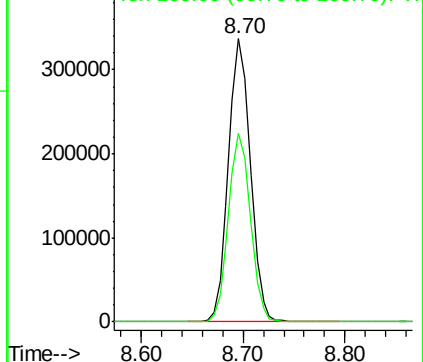
98 100

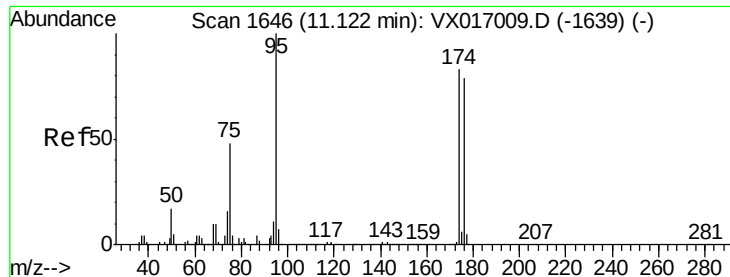
100 66.6 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.808 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017202.D

Acq: 07 Jul 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

47BR-20200629

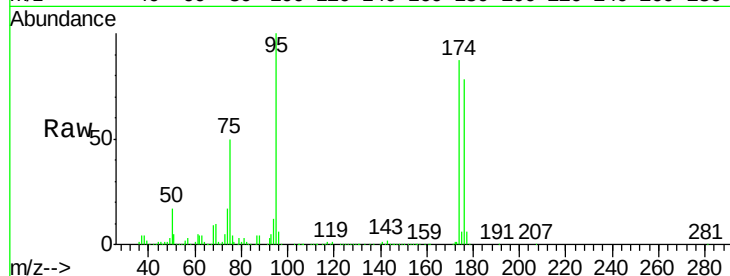
Tot Ion: 95 Resp: 206212

Ion Ratio Lower Upper

95 100

174 85.5 0.0 164.0

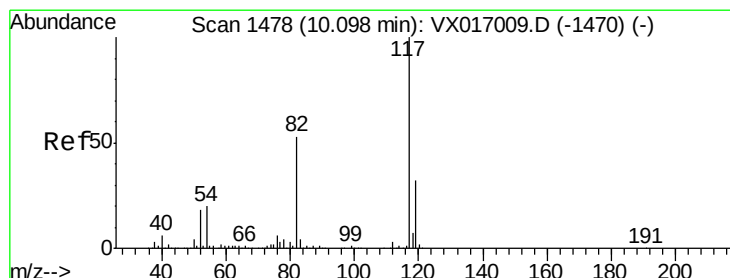
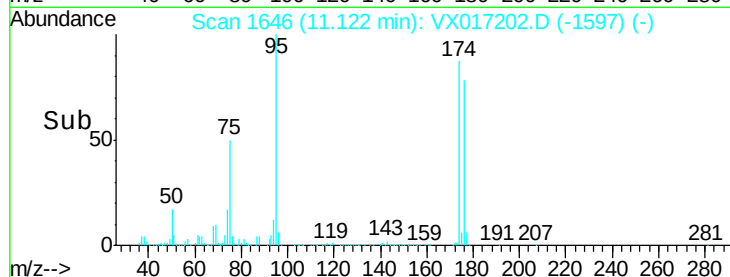
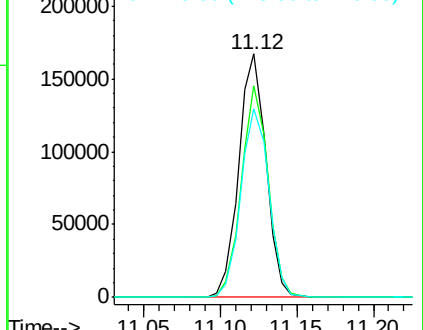
176 80.1 0.0 157.6



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: VX017202.D

Acq: 07 Jul 2020 14:44

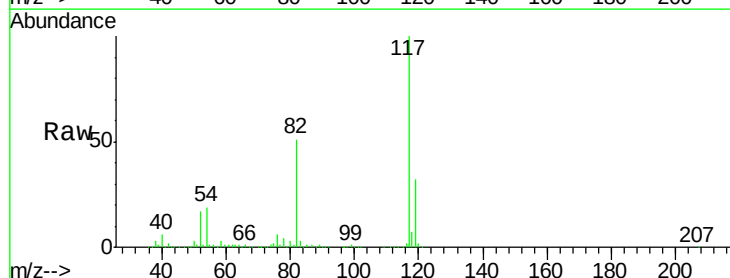
Tgt Ion: 117 Resp: 429398

Ion Ratio Lower Upper

117 100

82 50.9 42.6 63.8

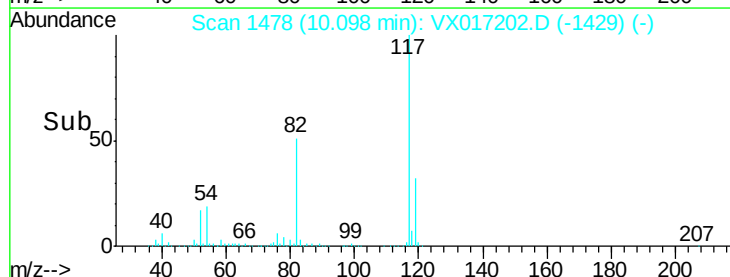
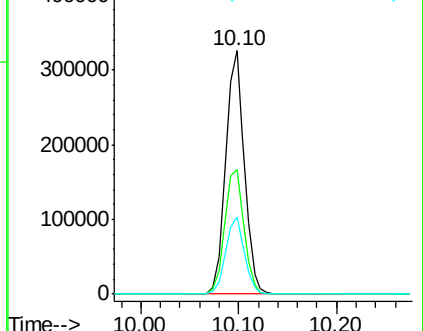
119 31.7 25.4 38.2

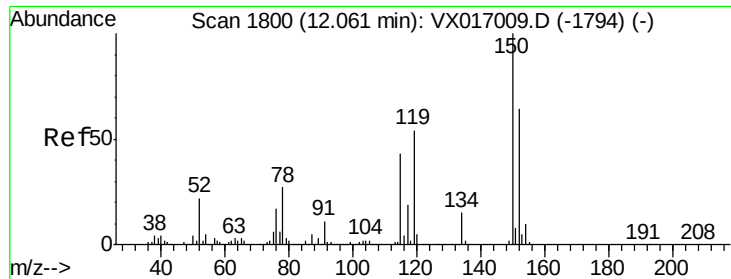


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX017202.D

Acq: 07 Jul 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

47BR-20200629

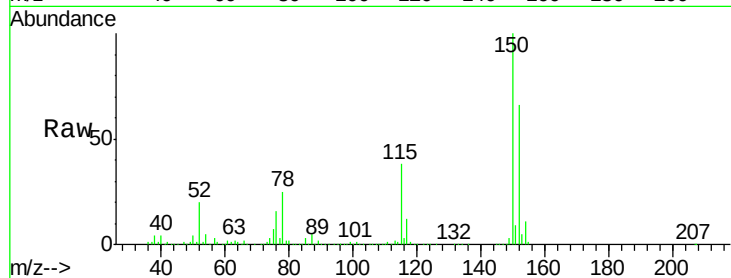
Tot Ion:152 Resp: 233348

Ion Ratio Lower Upper

152 100

115 56.7 40.9 122.7

150 154.3 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

