

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017046.D
 Acq On : 30 Jun 2020 15:39
 Operator : JC/SP
 Sample : L3147-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 02BR-20200626

Quant Time: Jul 01 09:06:35 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

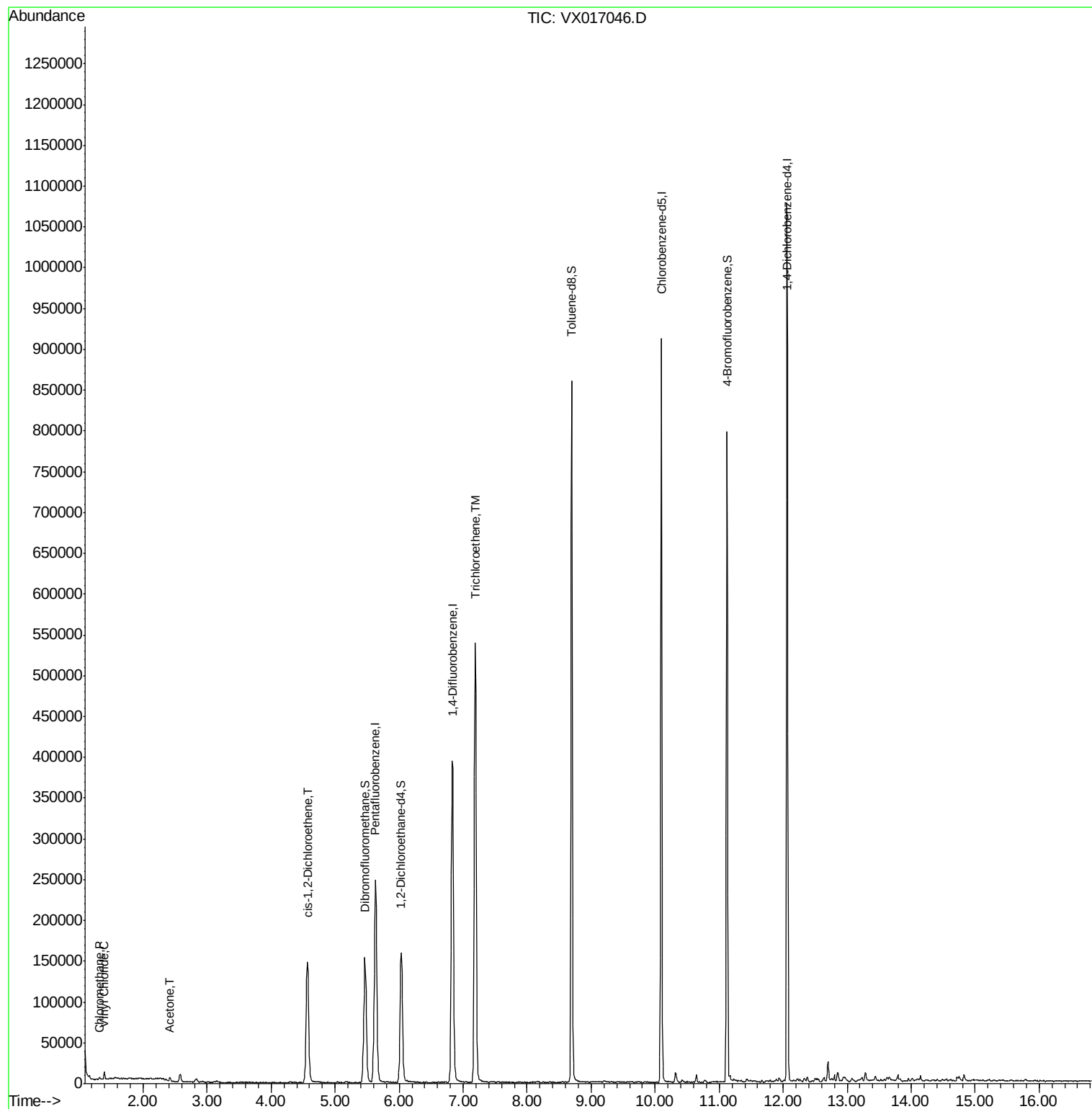
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	238063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	402358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	414665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	155203	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
35) Dibromofluoromethane	5.46	113	134289	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
50) Toluene-d8	8.70	98	494054	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.12	95	203688	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
Target Compounds						
3) Chloromethane	1.32	50	1775	0.637	ug/l	91
4) Vinyl Chloride	1.39	62	5186	2.005	ug/l	98
16) Acetone	2.42	43	5700	5.192	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	97842	33.037	ug/l	89
44) Trichloroethene	7.19	130	214608	69.727	ug/l	99

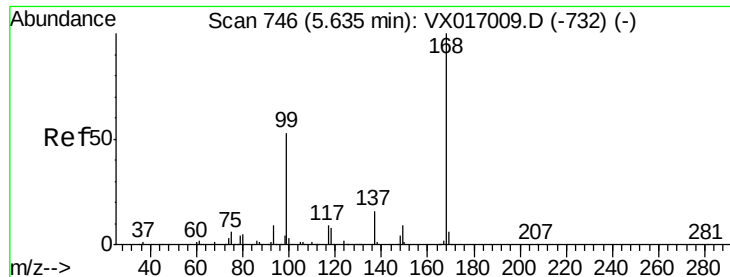
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
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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: VX017046.D

Acq: 30 Jun 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

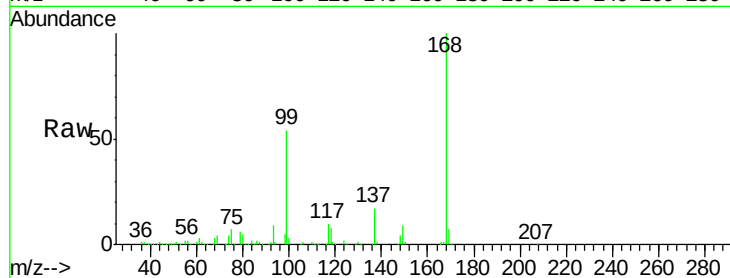
02BR-20200626

Tot Ion:168 Resp: 238063

Ion Ratio Lower Upper

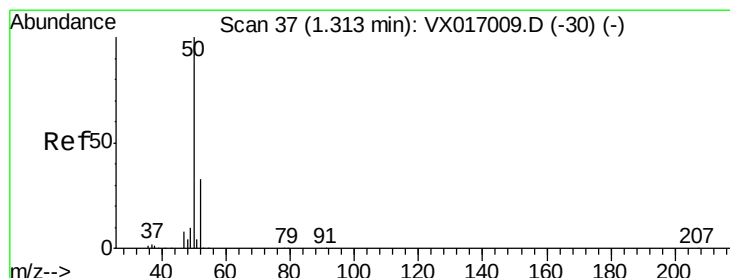
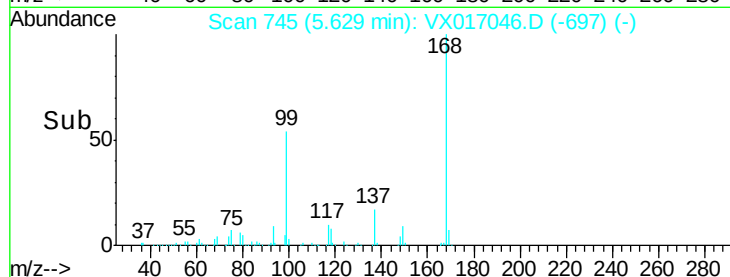
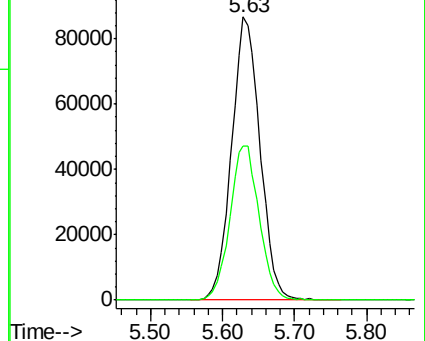
168 100

99 54.4 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.637 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017046.D

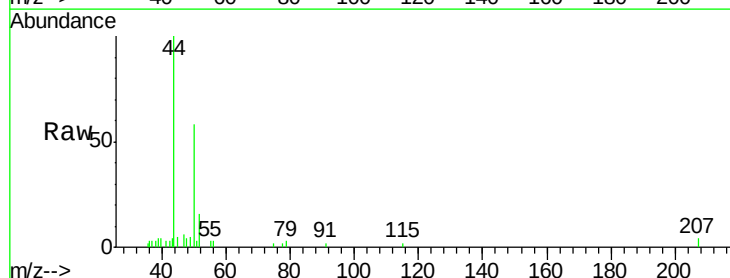
Acq: 30 Jun 2020 15:39

Tgt Ion: 50 Resp: 1775

Ion Ratio Lower Upper

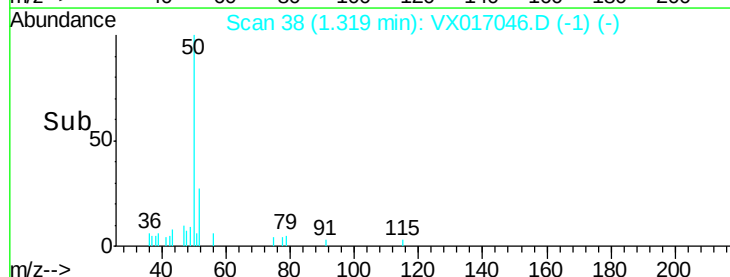
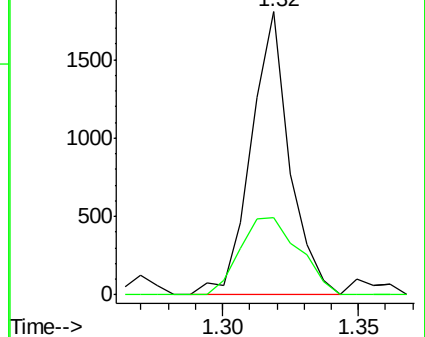
50 100

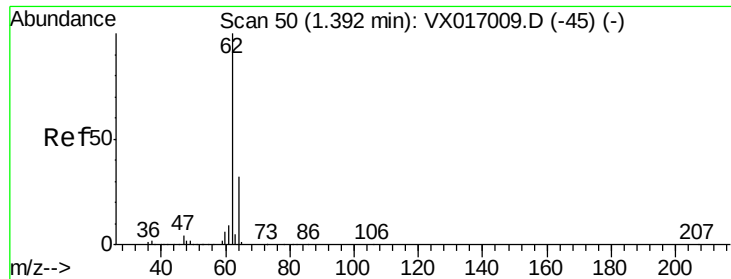
52 27.4 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 2.005 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017046.D

Acq: 30 Jun 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

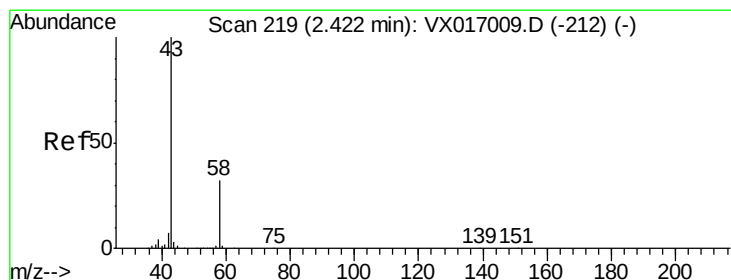
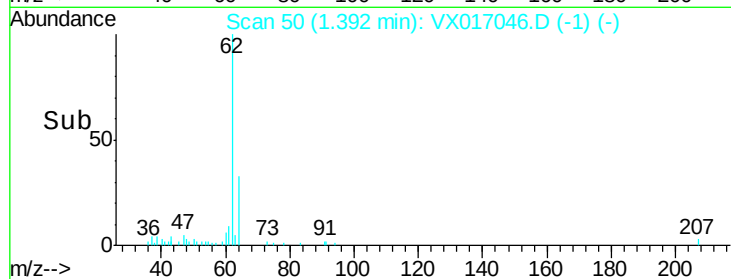
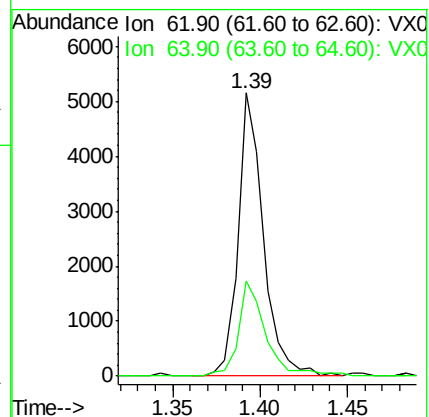
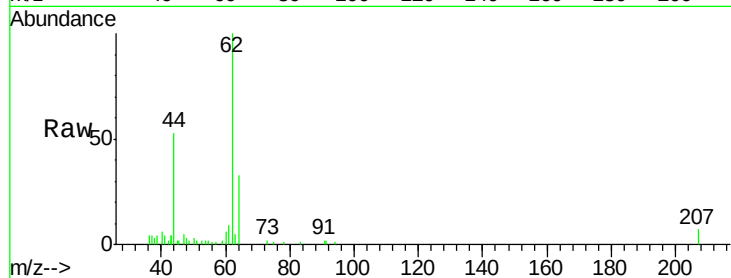
02BR-20200626

Tot Ion: 62 Resp: 5186

Ion Ratio Lower Upper

62 100

64 33.4 25.9 38.9



#16

Acetone

Concen: 5.192 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017046.D

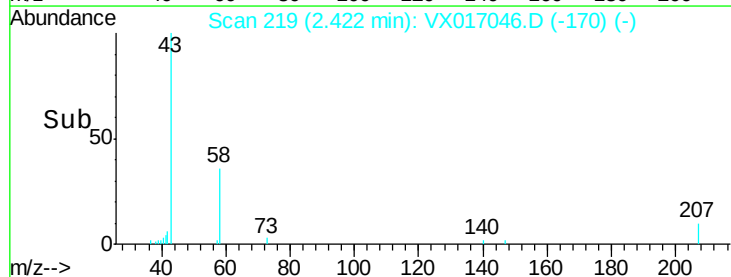
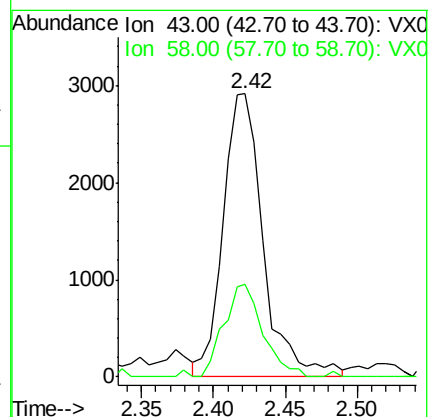
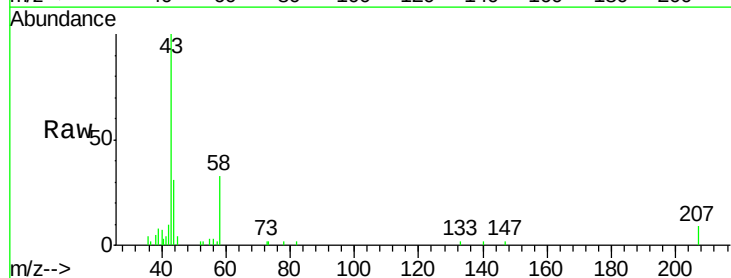
Acq: 30 Jun 2020 15:39

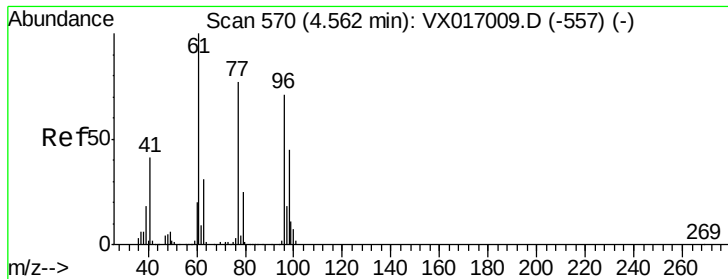
Tgt Ion: 43 Resp: 5700

Ion Ratio Lower Upper

43 100

58 33.4 25.7 38.5



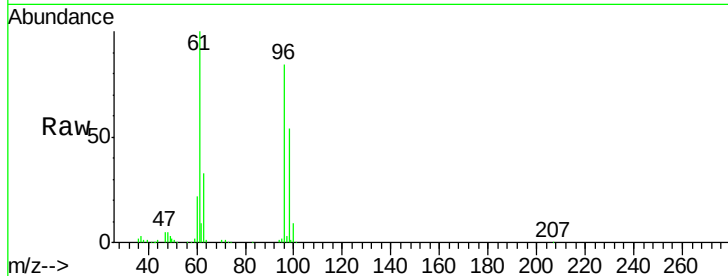


#27

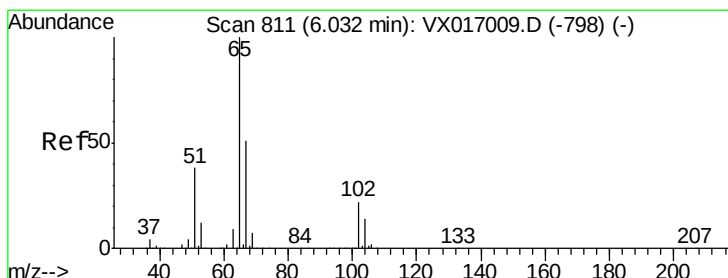
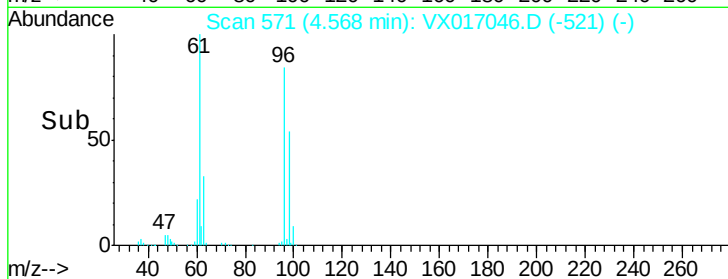
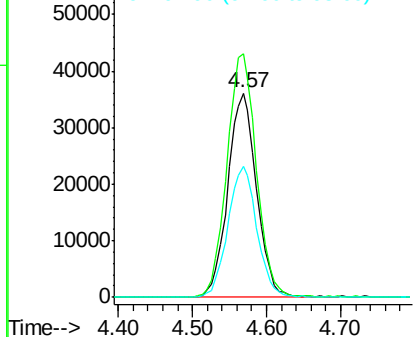
cis-1,2-Dichloroethene
 Concen: 33.037 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX017046.D
 Acq: 30 Jun 2020 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 02BR-20200626

Tot Ion	96	Resp	97842
Ion	Ratio	Lower	Upper
96	100		
61	121.7	0.0	282.8
98	64.4	0.0	127.6



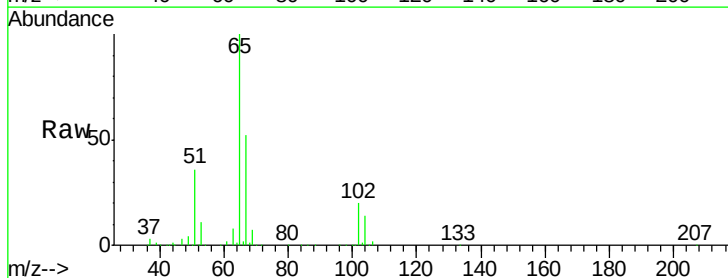
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



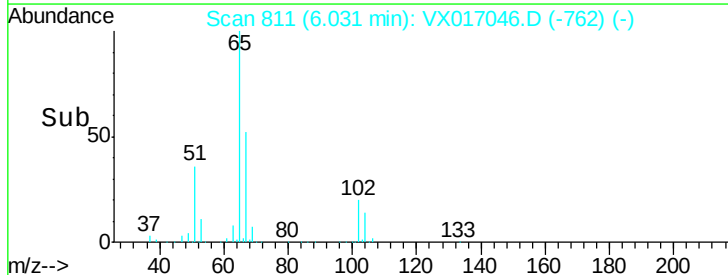
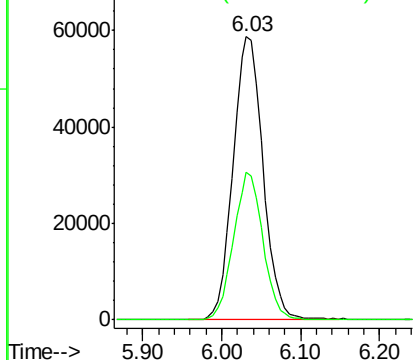
#33

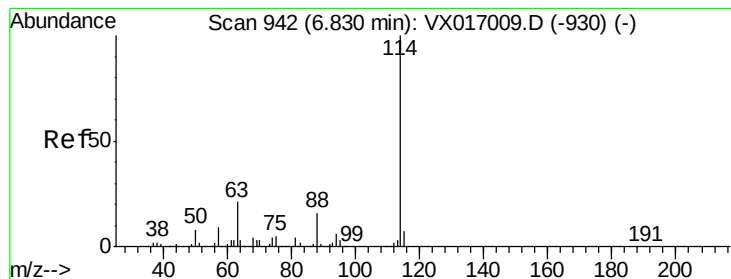
1,2-Dichloroethane-d4
 Concen: 52.883 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017046.D
 Acq: 30 Jun 2020 15:39

Tgt Ion	65	Resp	155203
Ion	Ratio	Lower	Upper
65	100		
67	51.1	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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017046.D

Acq: 30 Jun 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

02BR-20200626

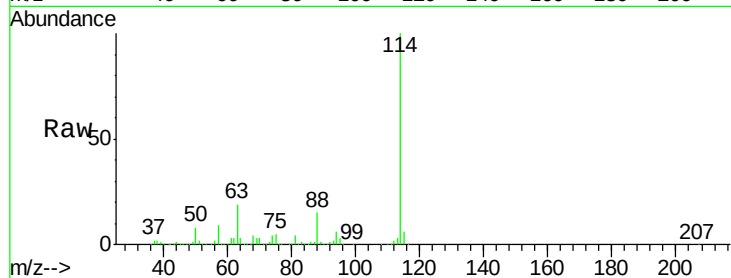
Tot Ion:114 Resp: 402358

Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.4

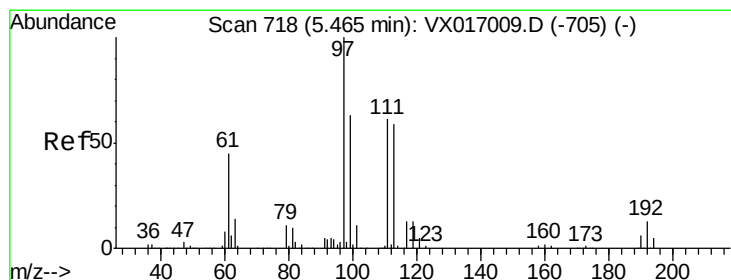
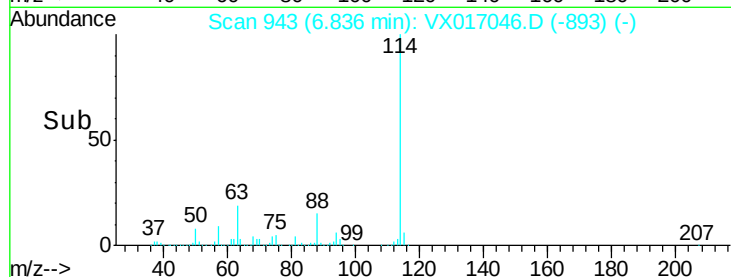
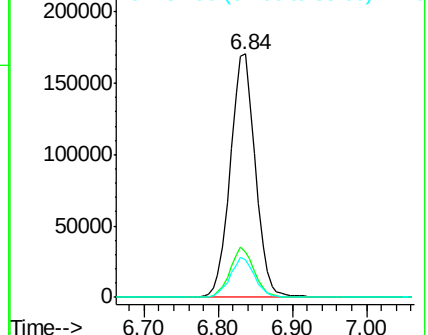
88 15.5 0.0 32.4



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: 52.762 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017046.D

Acq: 30 Jun 2020 15:39

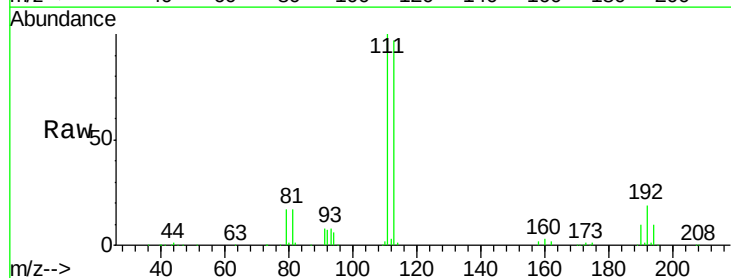
Tgt Ion:113 Resp: 134289

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

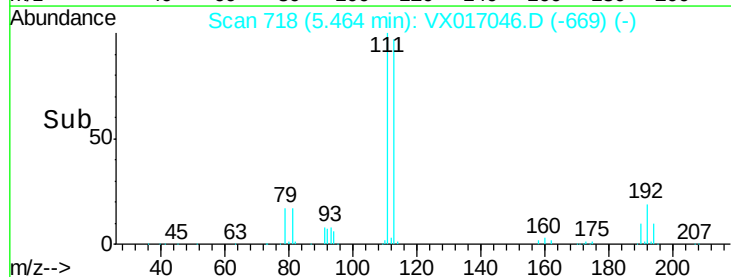
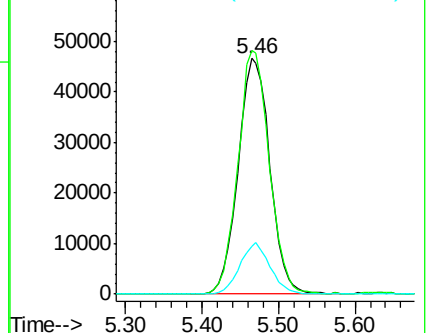
192 20.9 16.7 25.1

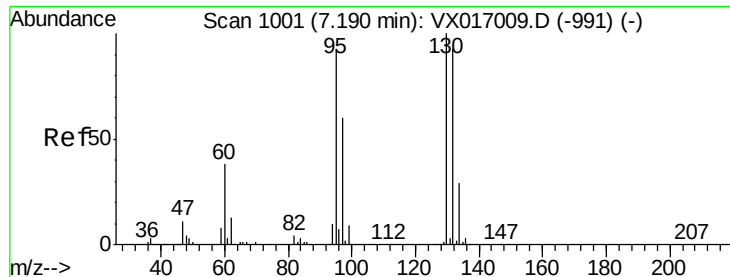


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 69.727 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017046.D

Acq: 30 Jun 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

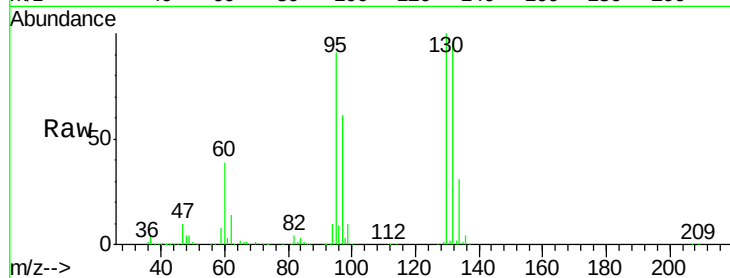
02BR-20200626

Tot Ion:130 Resp: 214608

Ion Ratio Lower Upper

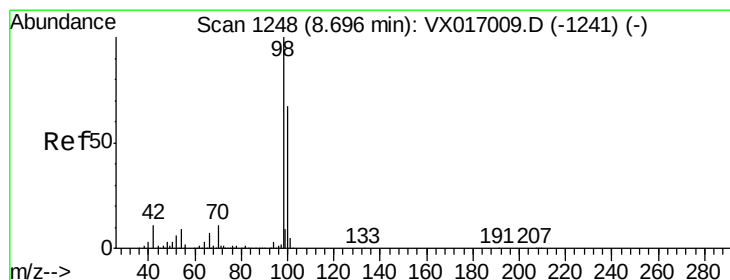
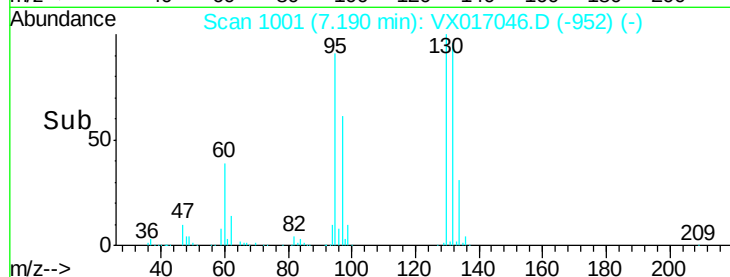
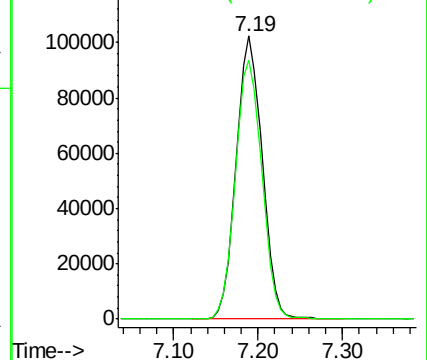
130 100

95 91.5 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: 52.494 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017046.D

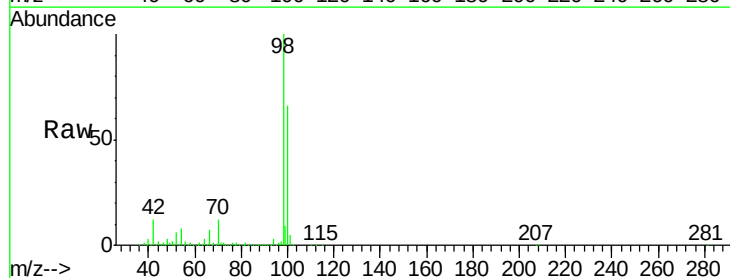
Acq: 30 Jun 2020 15:39

Tgt Ion: 98 Resp: 494054

Ion Ratio Lower Upper

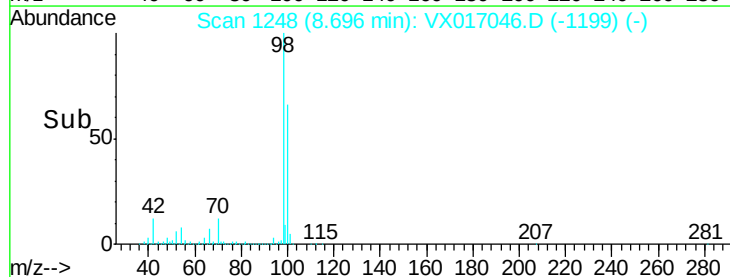
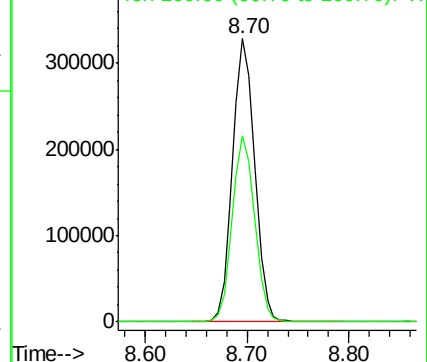
98 100

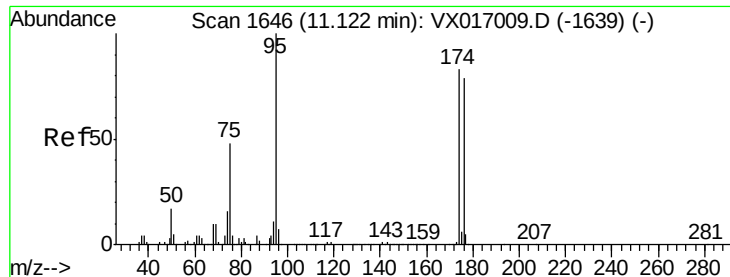
100 66.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.363 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017046.D

Acq: 30 Jun 2020 15:39

Instrument :

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ClientSampleId :

02BR-20200626

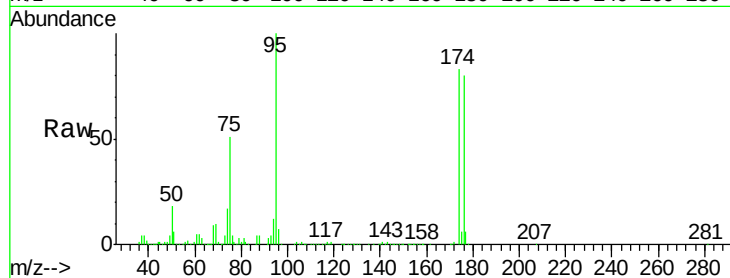
Tot Ion: 95 Resp: 203688

Ion Ratio Lower Upper

95 100

174 83.3 0.0 164.0

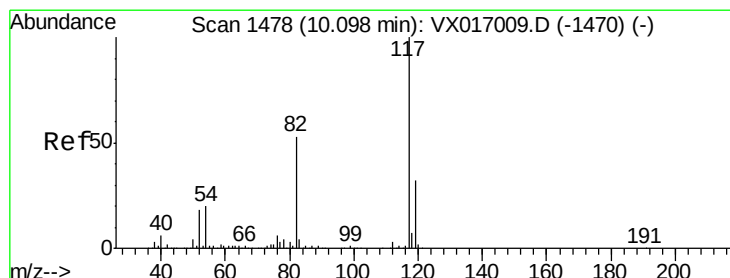
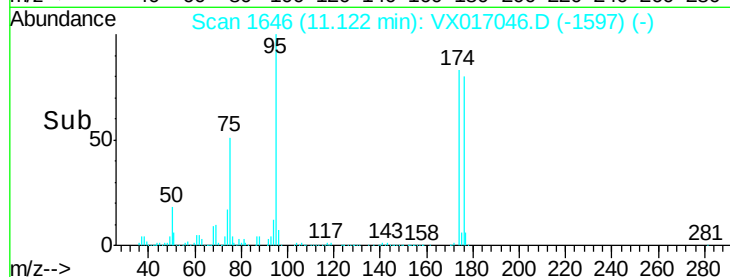
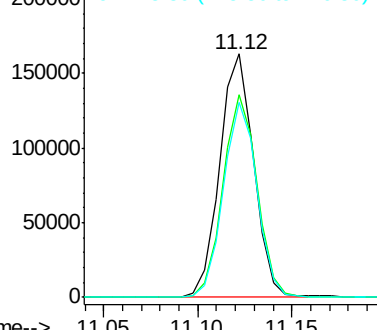
176 79.1 0.0 157.6



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: VX017046.D

Acq: 30 Jun 2020 15:39

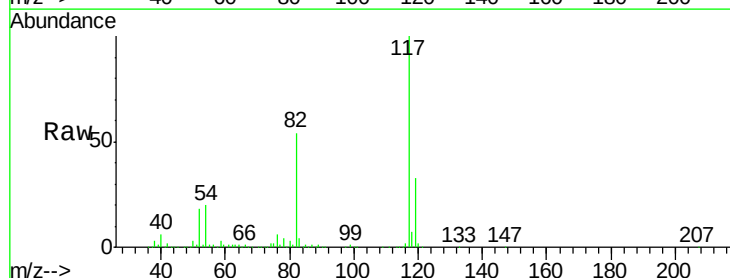
Tgt Ion: 117 Resp: 414665

Ion Ratio Lower Upper

117 100

82 53.8 42.6 63.8

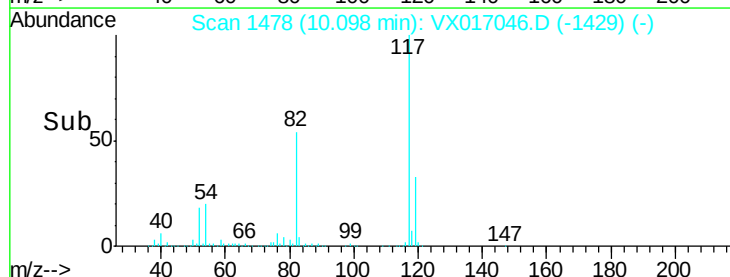
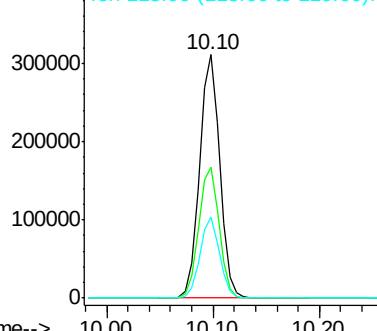
119 33.3 25.4 38.2

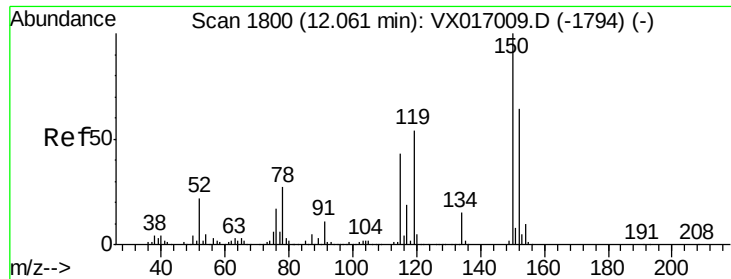


Abundance Ion 116.90 (116.60 to 117.60): VX0

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: VX017046.D

Acq: 30 Jun 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

02BR-20200626

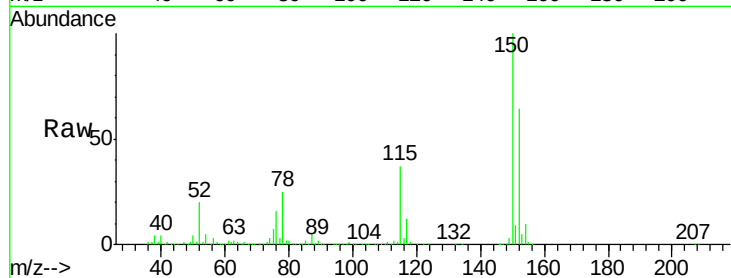
Tot Ion:152 Resp: 219106

Ion Ratio Lower Upper

152 100

115 57.8 40.9 122.7

150 157.3 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

