

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
 Data File : VX017176.D
 Acq On : 06 Jul 2020 18:19
 Operator : JC/SP
 Sample : L3159-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31S-20200629

Quant Time: Jul 07 07:41:40 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

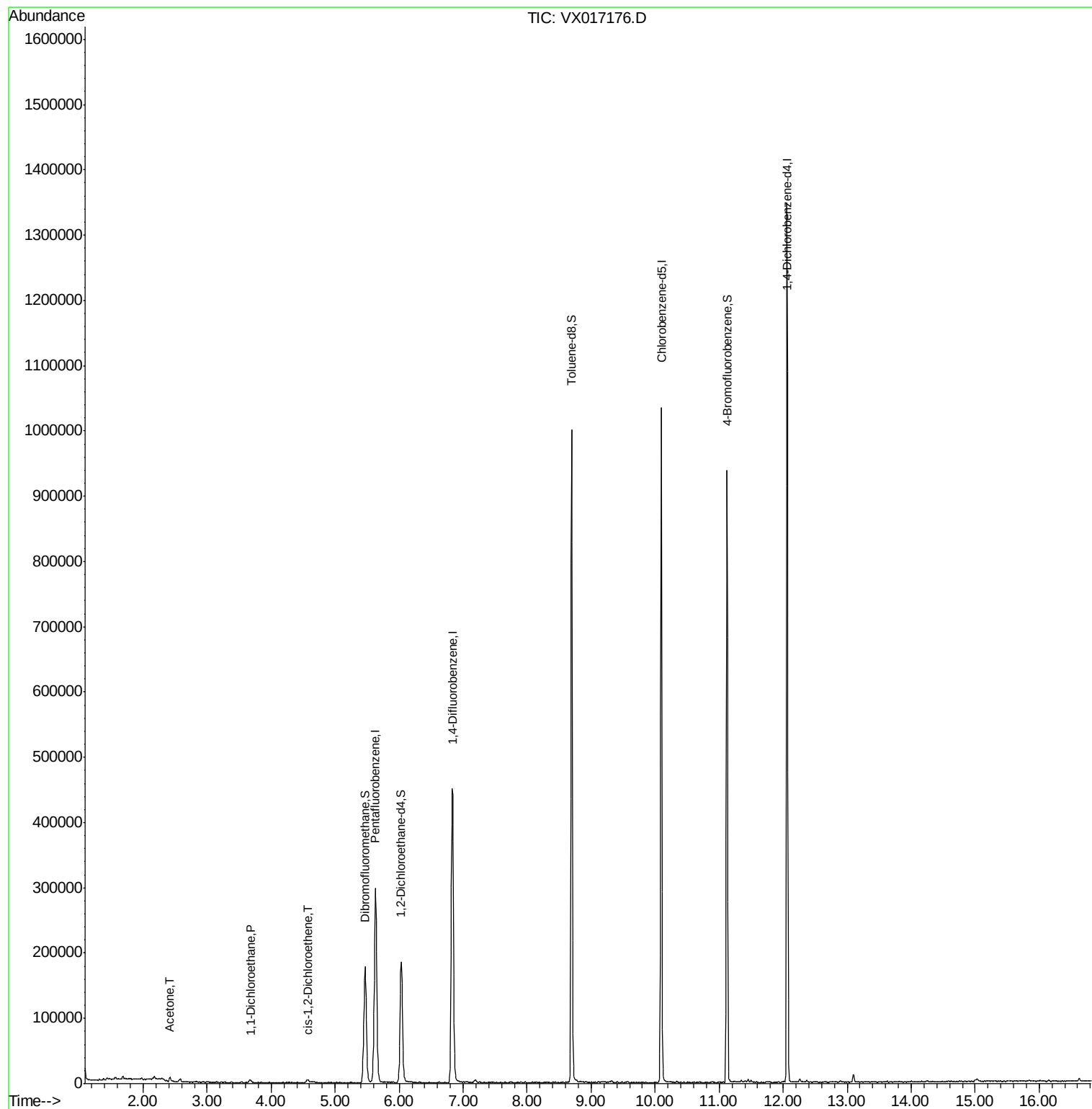
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	285390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	468152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	488557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	277016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	178851	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	5.47	113	152157	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
50) Toluene-d8	8.70	98	567768	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	11.12	95	245238	57.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.58%	
Target Compounds						
16) Acetone	2.42	43	6706	5.095	ug/l	95
24) 1,1-Dichloroethane	3.67	63	3985	0.725	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	3057	0.861	ug/l	89

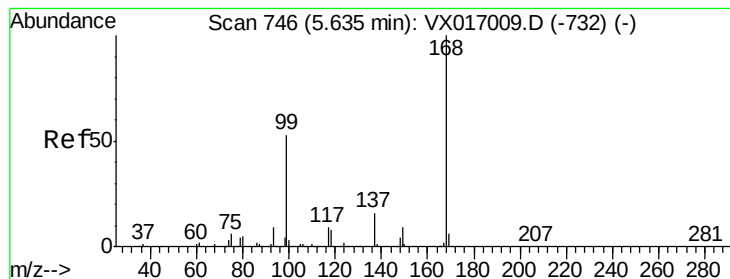
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
31S-20200629

Quant Time: Jul 07 07:41:40 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: VX017176.D

Acq: 06 Jul 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

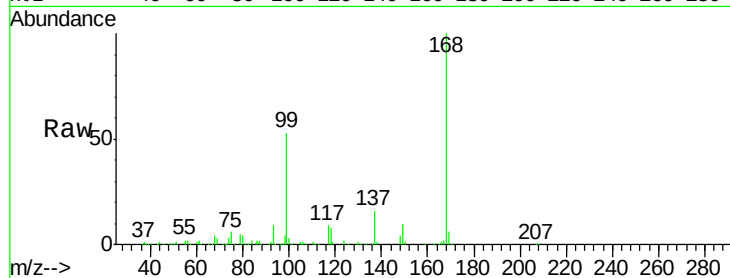
31S-20200629

Tot Ion:168 Resp: 285390

Ion Ratio Lower Upper

168 100

99 52.8 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

120000

100000

80000

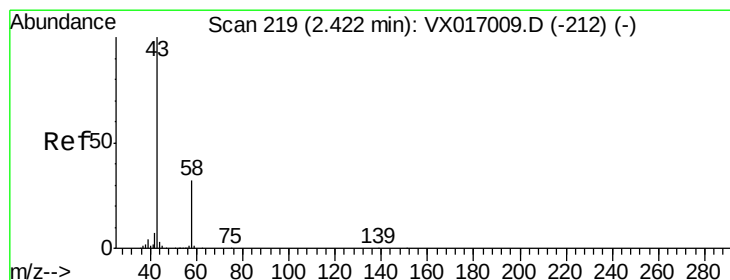
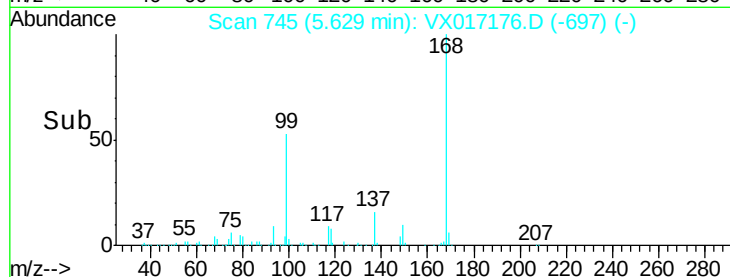
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#16

Acetone

Concen: 5.095 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017176.D

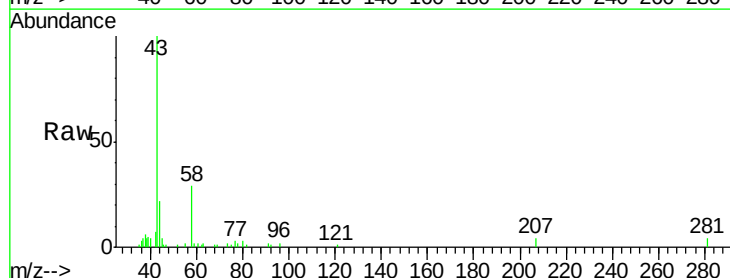
Acq: 06 Jul 2020 18:19

Tgt Ion: 43 Resp: 6706

Ion Ratio Lower Upper

43 100

58 29.2 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

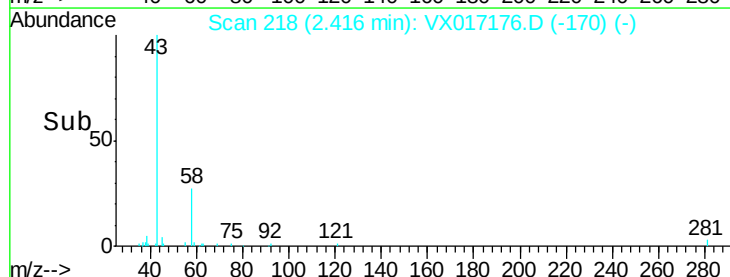
3000

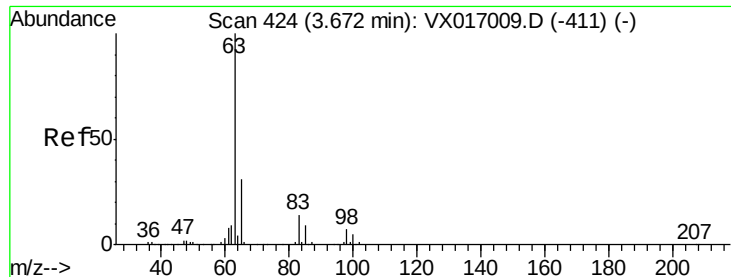
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#24

1,1-Dichloroethane

Concen: 0.725 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017176.D

Acq: 06 Jul 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

31S-20200629

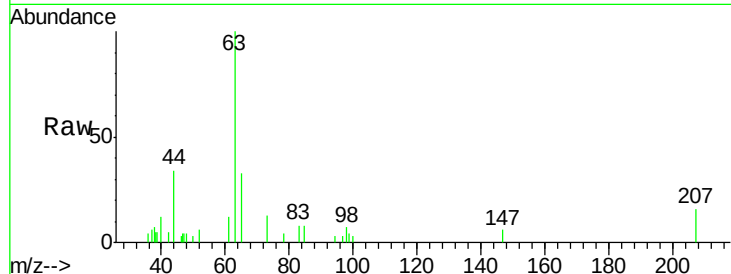
Tot Ion: 63 Resp: 3985

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

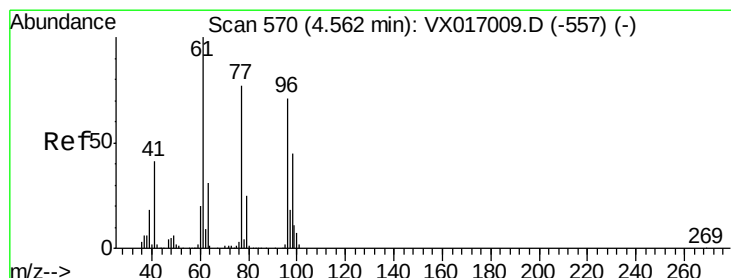
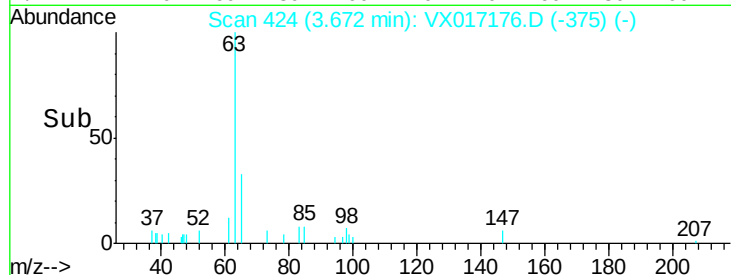
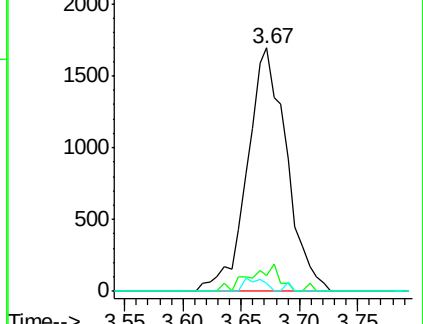
100 3.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.861 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX017176.D

Acq: 06 Jul 2020 18:19

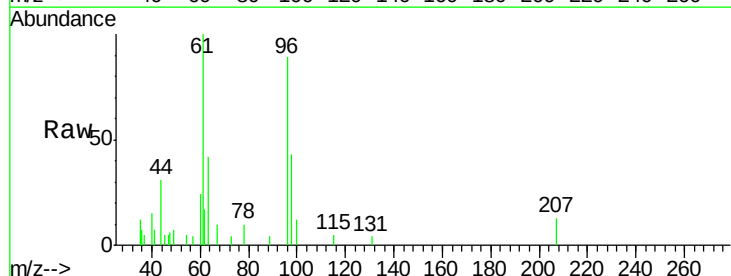
Tgt Ion: 96 Resp: 3057

Ion Ratio Lower Upper

96 100

61 122.7 0.0 282.8

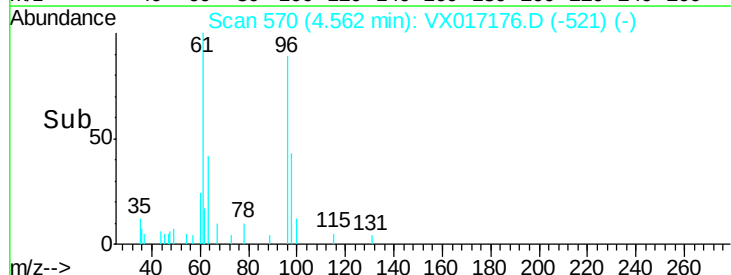
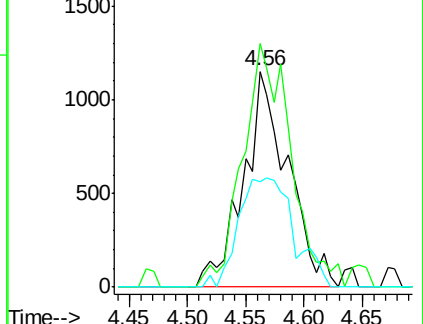
98 62.7 0.0 127.6

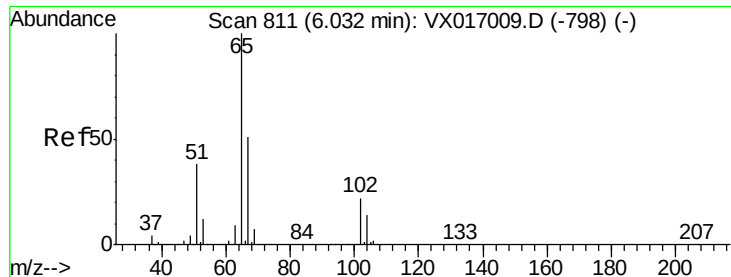


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

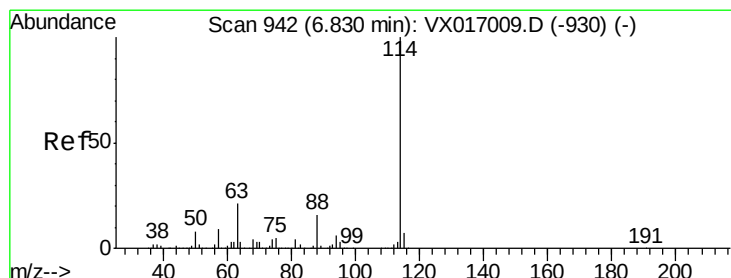
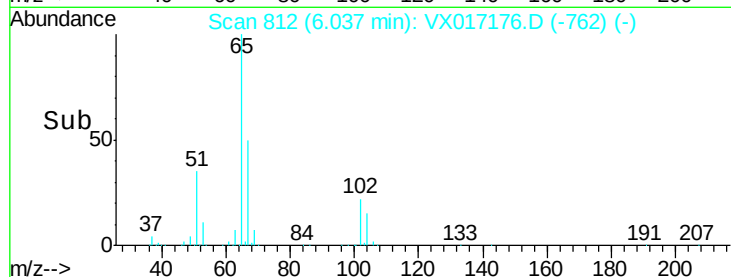
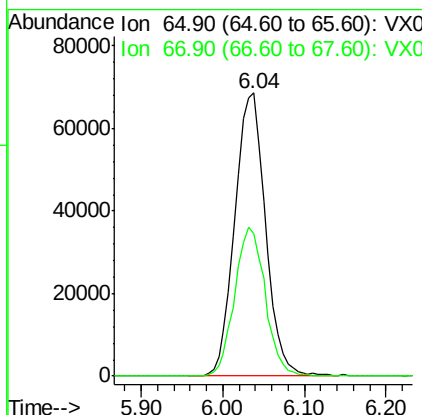
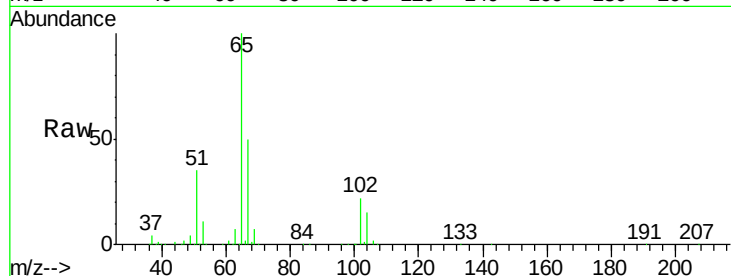




#33
 1,2-Dichloroethane-d4
 Concen: 50.835 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017176.D
 Acq: 06 Jul 2020 18:19

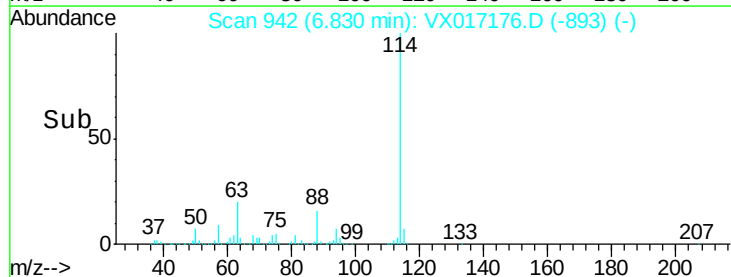
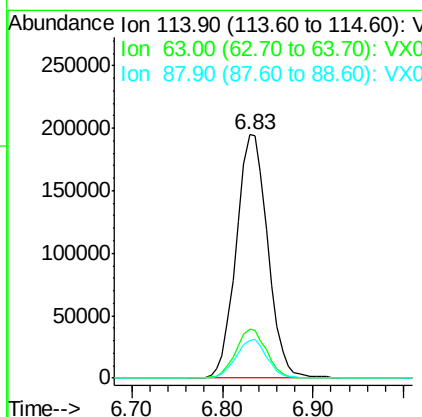
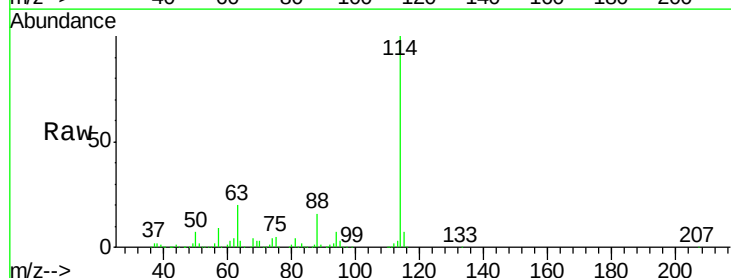
Instrument :
 MSVOA_X
 ClientSampleId :
 31S-20200629

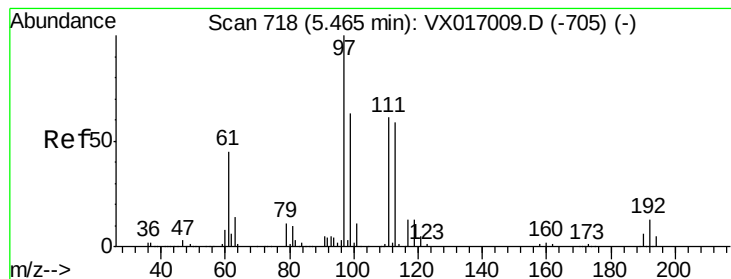
Tot Ion: 65 Resp: 178851
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017176.D
 Acq: 06 Jul 2020 18:19

Tgt Ion: 114 Resp: 468152
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.380 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017176.D

Acq: 06 Jul 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

31S-20200629

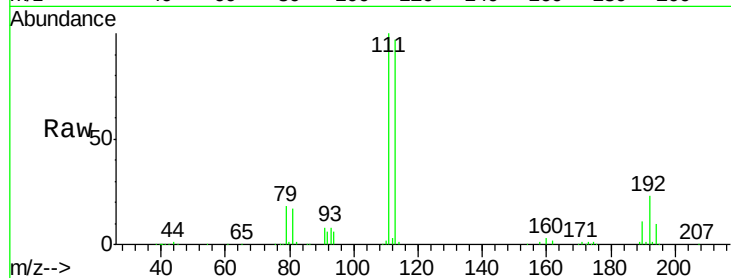
Tot Ion:113 Resp: 152157

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

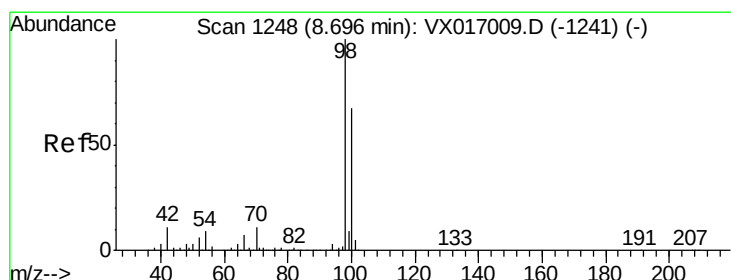
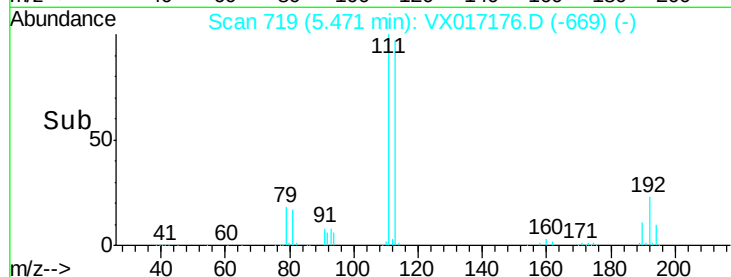
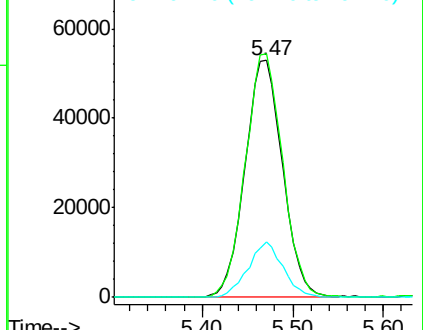
192 21.8 16.7 25.1



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



#50

Toluene-d8

Concen: 51.848 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017176.D

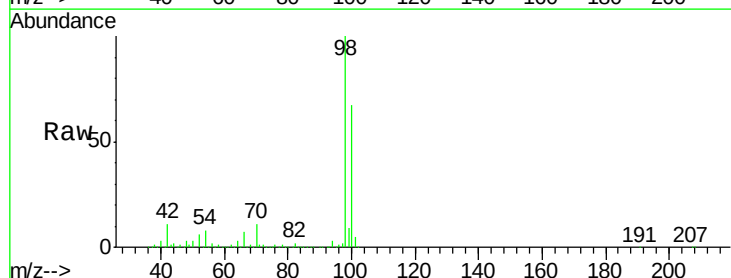
Acq: 06 Jul 2020 18:19

Tgt Ion: 98 Resp: 567768

Ion Ratio Lower Upper

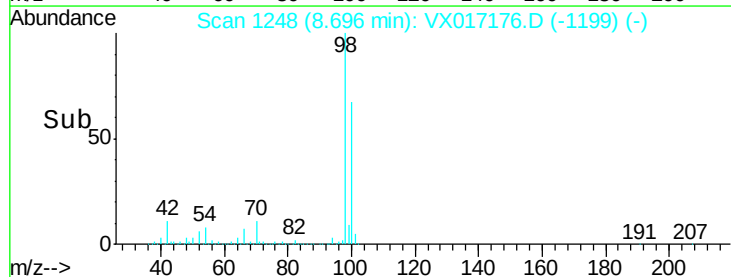
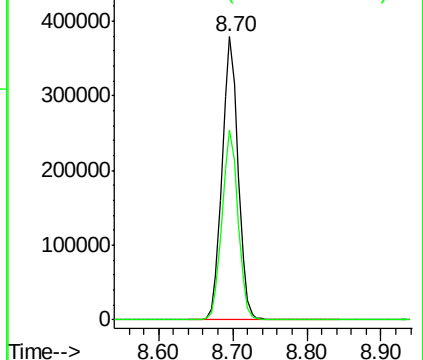
98 100

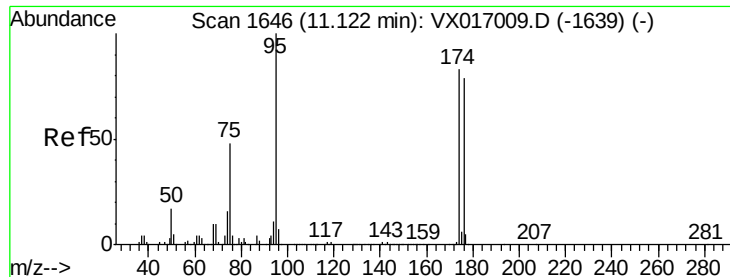
100 66.9 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

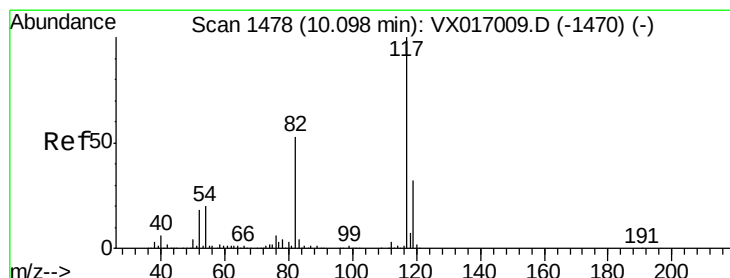
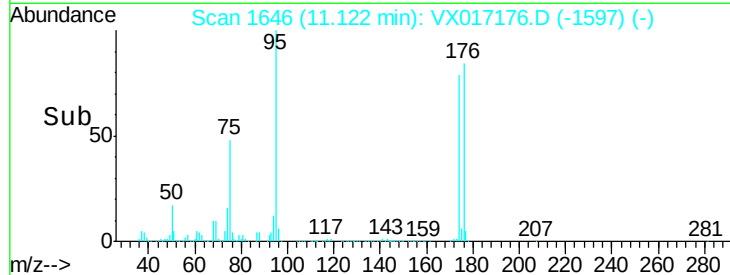
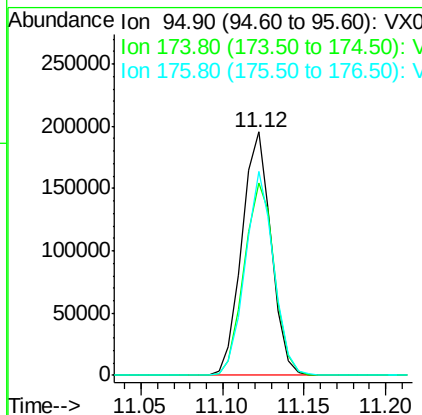
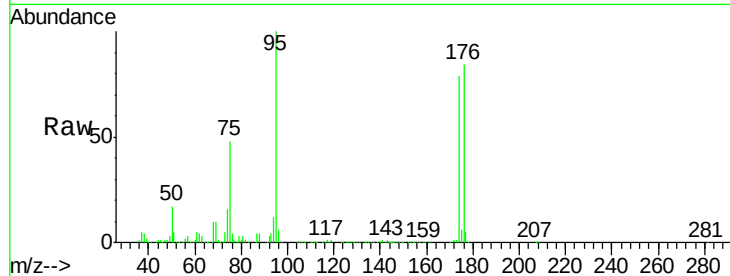




#62
4-Bromofluorobenzene
Concen: 57.289 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017176.D
Acq: 06 Jul 2020 18:19

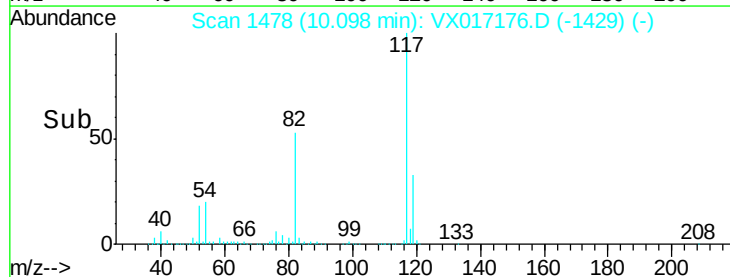
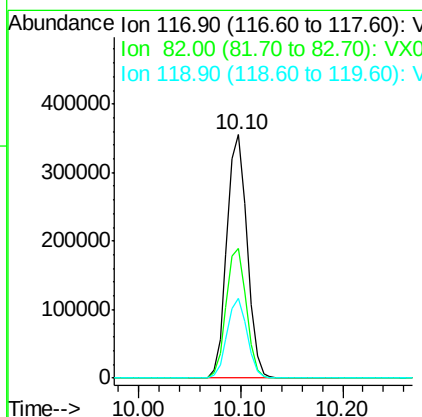
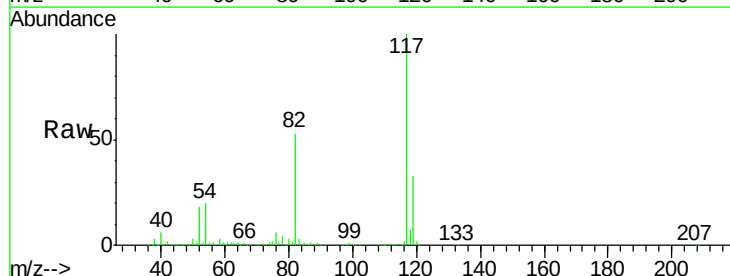
Instrument :
MSVOA_X
ClientSampleId :
31S-20200629

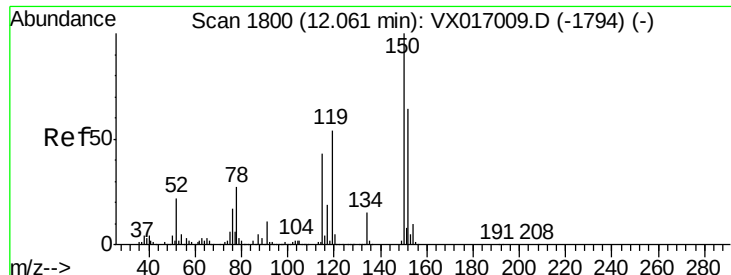
Tot Ion: 95 Resp: 245238
Ion Ratio Lower Upper
95 100
174 81.6 0.0 164.0
176 81.6 0.0 157.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017176.D
Acq: 06 Jul 2020 18:19

Tgt Ion: 117 Resp: 488557
Ion Ratio Lower Upper
117 100
82 53.1 42.6 63.8
119 32.9 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: VX017176.D

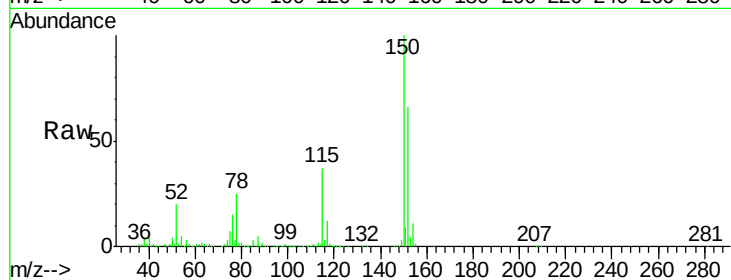
Acq: 06 Jul 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

31S-20200629



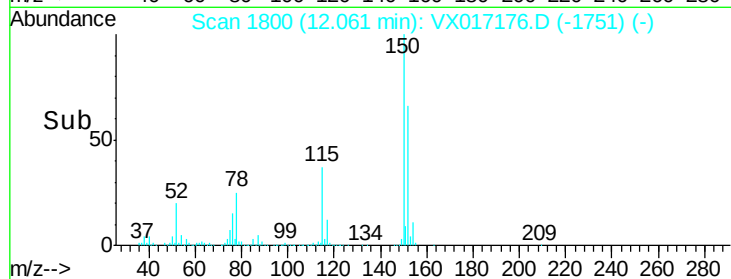
Tot Ion:152 Resp: 277016

Ion Ratio Lower Upper

152 100

115 56.5 40.9 122.7

150 155.2 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

