

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017022.D
 Acq On : 29 Jun 2020 21:11
 Operator : JC/SP
 Sample : L3143-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-20200626

Quant Time: Jun 30 06:22:13 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

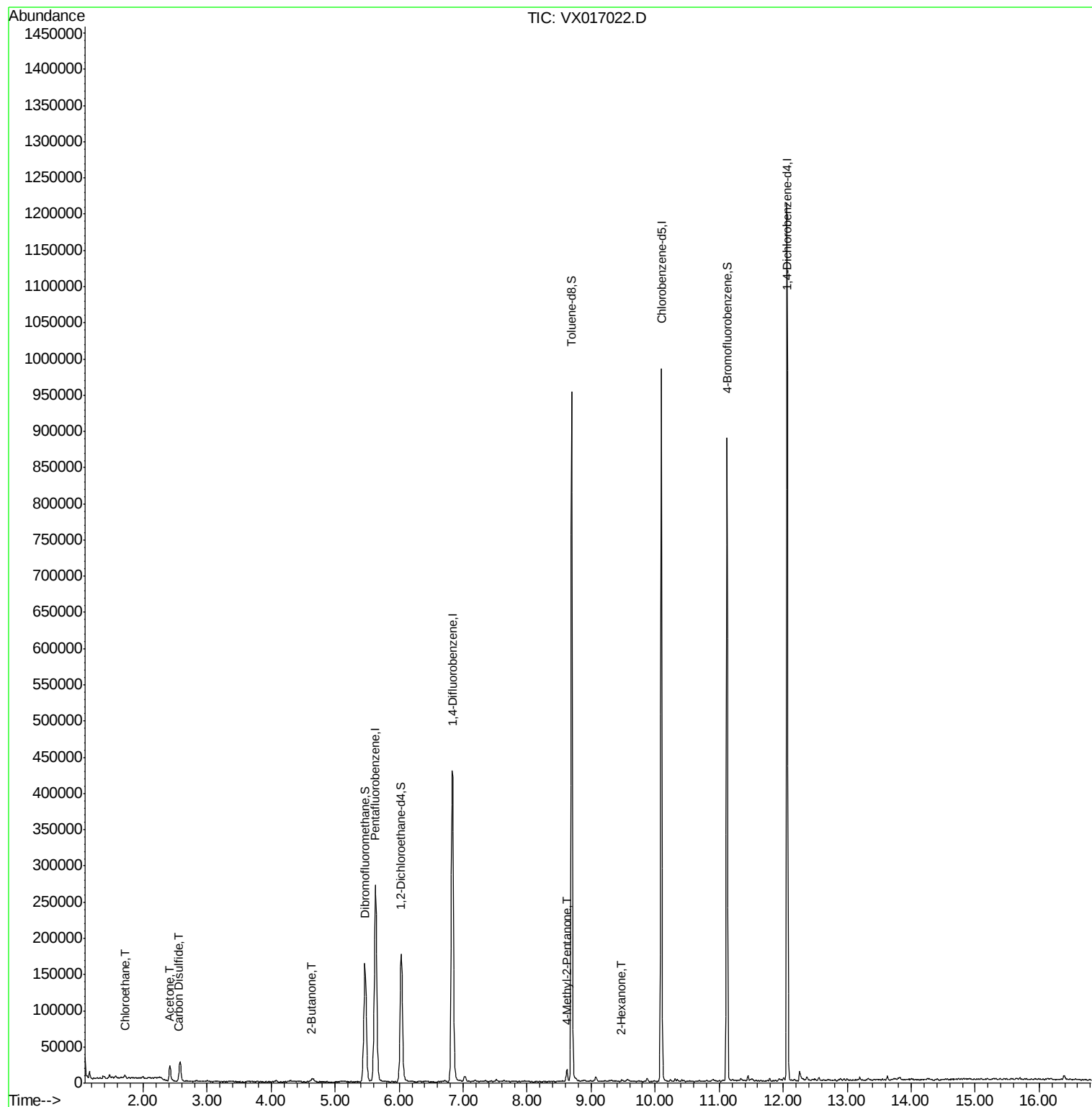
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	254598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	441467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	458692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	238314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	167271	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
35) Dibromofluoromethane	5.46	113	141616	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
50) Toluene-d8	8.70	98	543863	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	11.12	95	228729	56.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.32%	
Target Compounds						
6) Chloroethane	1.72	64	2014	1.233	ug/l	91
16) Acetone	2.42	43	23161	19.726	ug/l	99
17) Carbon Disulfide	2.55	76	4259	0.628	ug/l #	89
25) 2-Butanone	4.64	43	7252	3.707	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	9900	2.361	ug/l	98
59) 2-Hexanone	9.48	43	953	0.311	ug/l	84

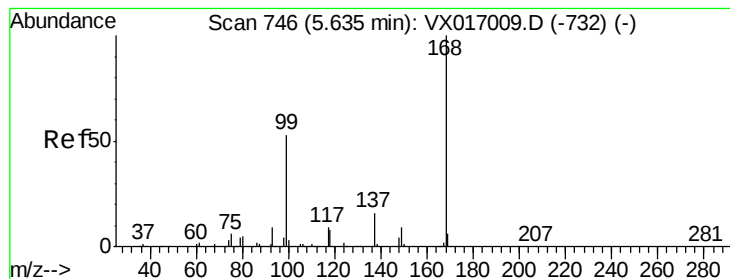
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062920\
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MSVOA_X
ClientSampled :
WC-20200626

Quant Time: Jun 30 06:22:13 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: VX017022.D

Acq: 29 Jun 2020 21:11

Instrument :

MSVOA_X

ClientSampled :

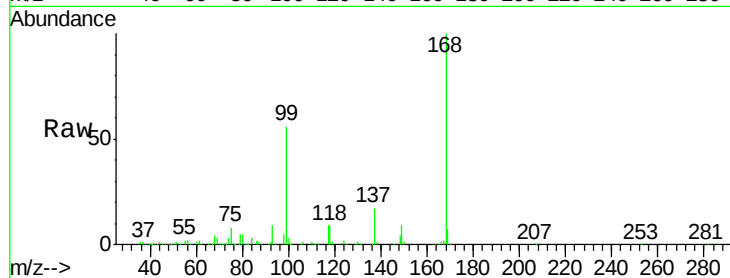
WC-20200626

Tot Ion:168 Resp: 254598

Ion Ratio Lower Upper

168 100

99 55.8 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

100000

80000

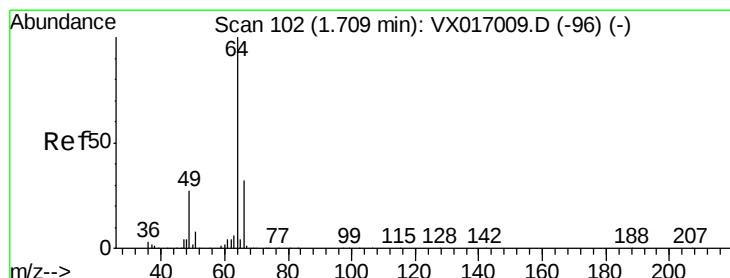
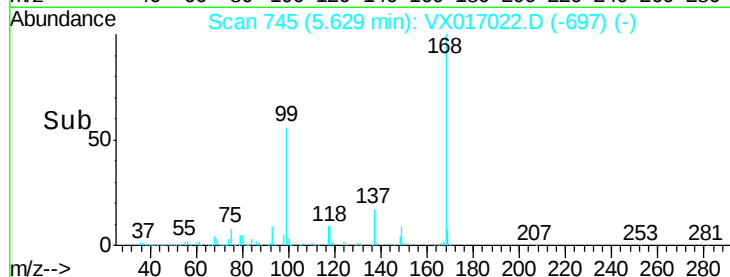
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 1.233 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017022.D

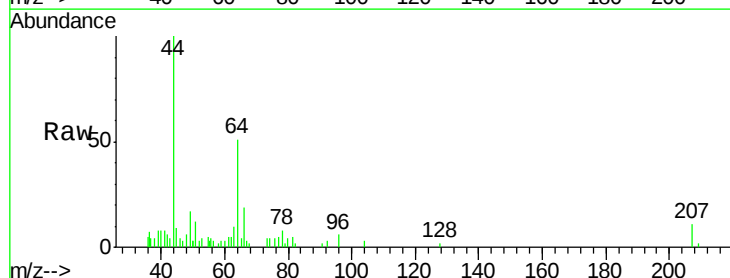
Acq: 29 Jun 2020 21:11

Tgt Ion: 64 Resp: 2014

Ion Ratio Lower Upper

64 100

66 37.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

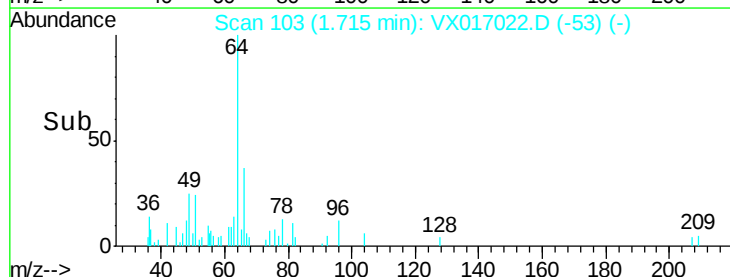
1500

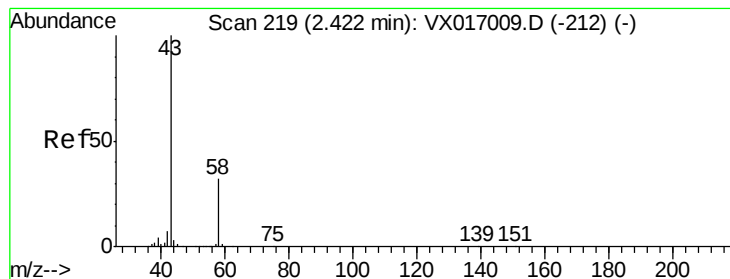
1000

500

0

Time-->





#16

Acetone

Concen: 19.726 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017022.D

Acq: 29 Jun 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

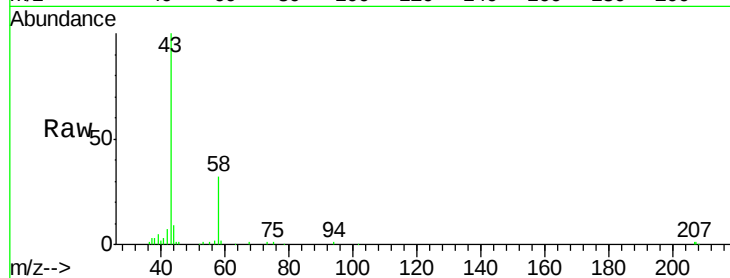
WC-20200626

Tot Ion: 43 Resp: 23161

Ion Ratio Lower Upper

43 100

58 32.5 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

15000

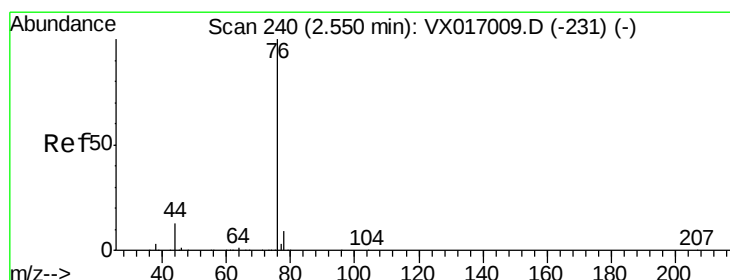
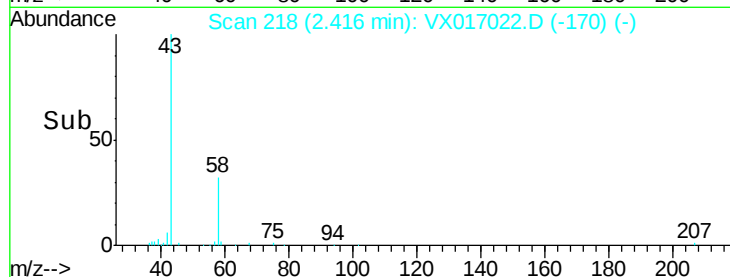
10000

5000

0

2.35 2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.628 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017022.D

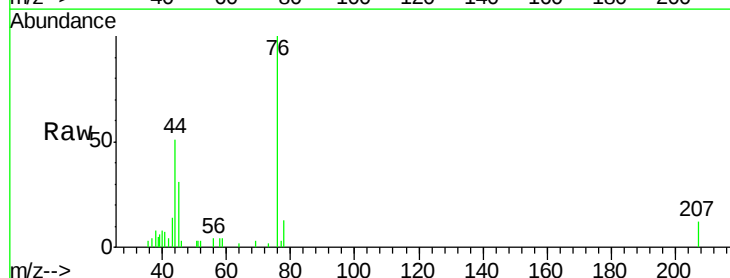
Acq: 29 Jun 2020 21:11

Tgt Ion: 76 Resp: 4259

Ion Ratio Lower Upper

76 100

78 12.9 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

2500

2000

1500

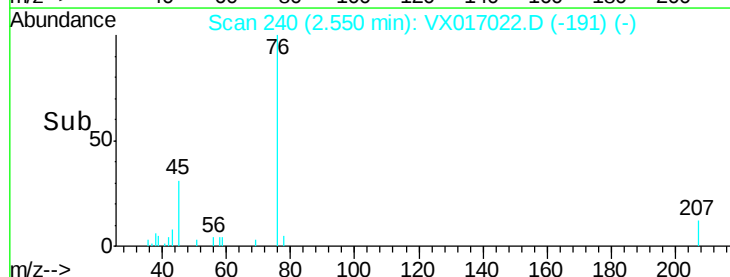
1000

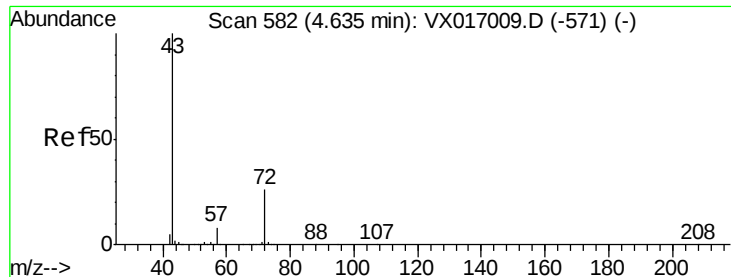
500

0

2.50 2.55 2.60 2.65

Time-->





#25

2-Butanone

Concen: 3.707 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017022.D

Acq: 29 Jun 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

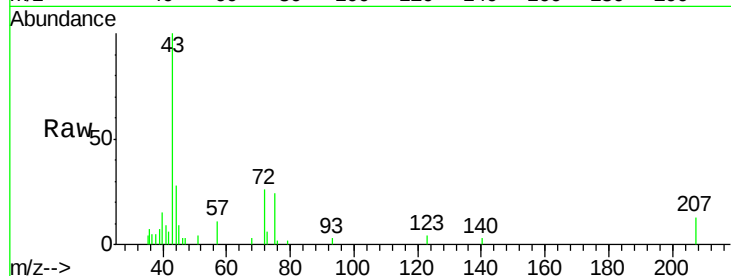
WC-20200626

Tot Ion: 43 Resp: 7252

Ion Ratio Lower Upper

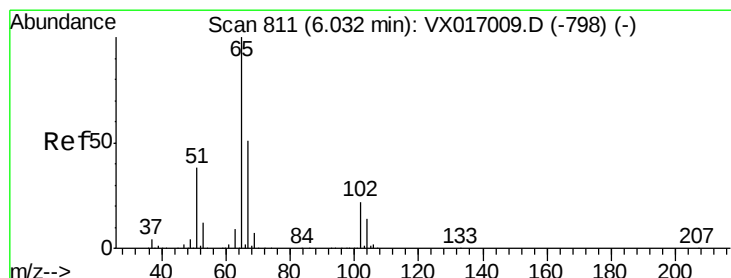
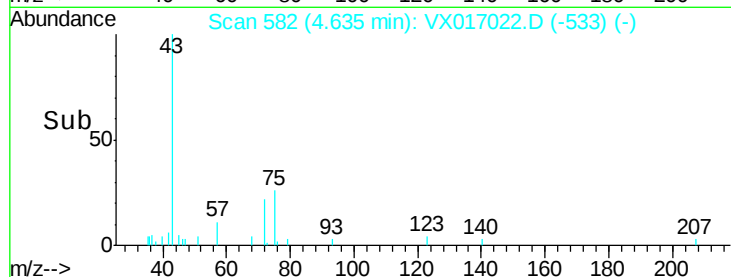
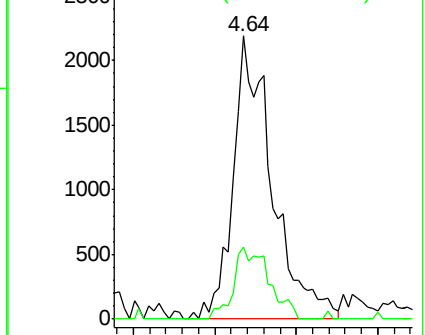
43 100

72 25.5 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.293 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017022.D

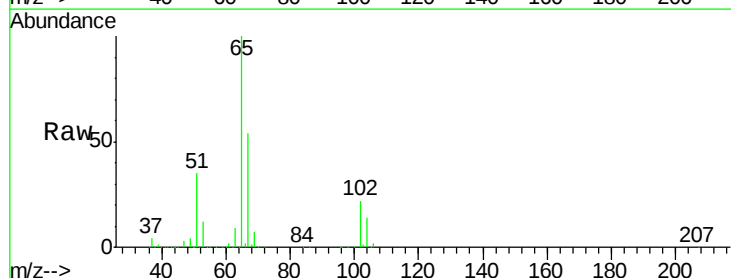
Acq: 29 Jun 2020 21:11

Tgt Ion: 65 Resp: 167271

Ion Ratio Lower Upper

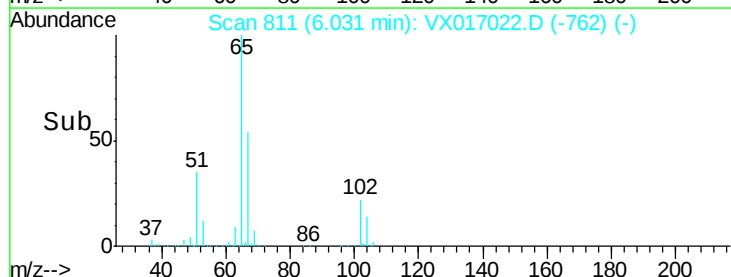
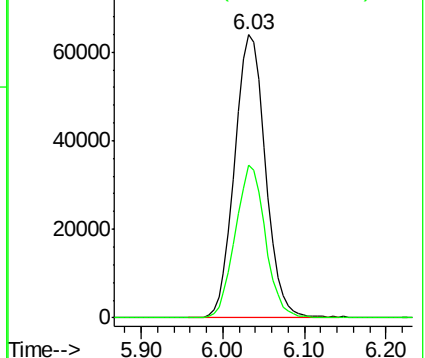
65 100

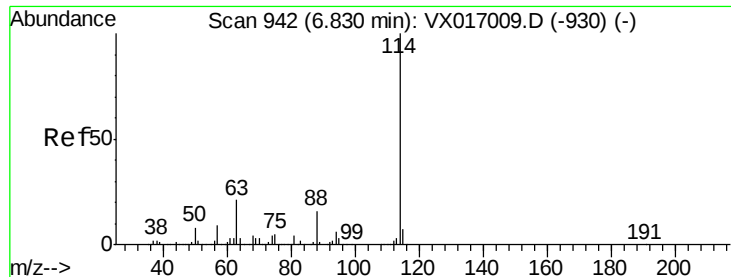
67 52.8 0.0 103.8



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: VX017022.D

Acq: 29 Jun 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

WC-20200626

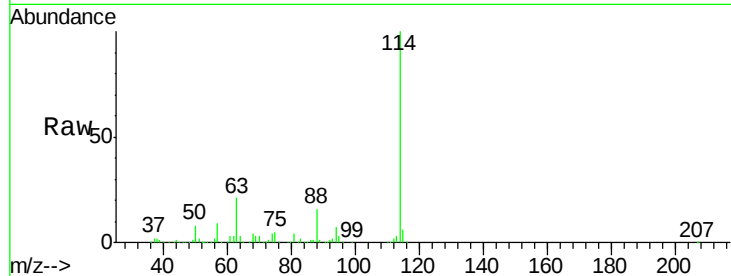
Tot Ion:114 Resp: 441467

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

88 15.9 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

250000

200000

150000

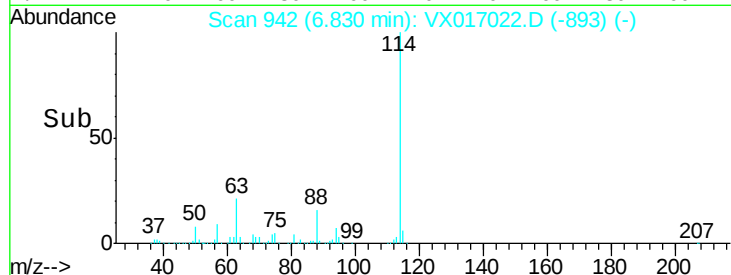
100000

50000

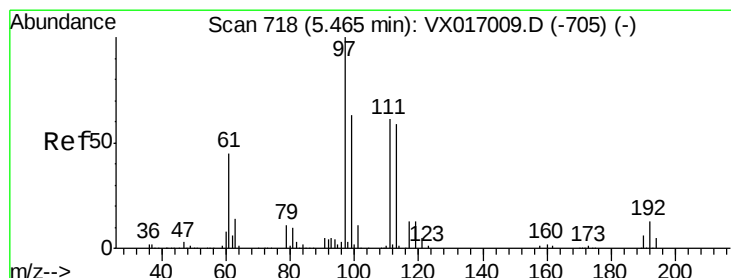
0

6.83

6.70 6.80 6.90



Time-->



#35

Dibromofluoromethane

Concen: 50.711 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017022.D

Acq: 29 Jun 2020 21:11

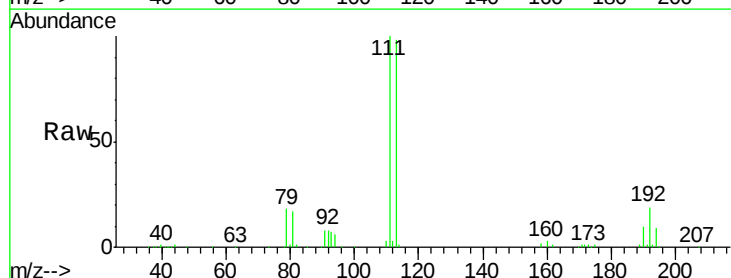
Tgt Ion:113 Resp: 141616

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

192 20.4 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

60000

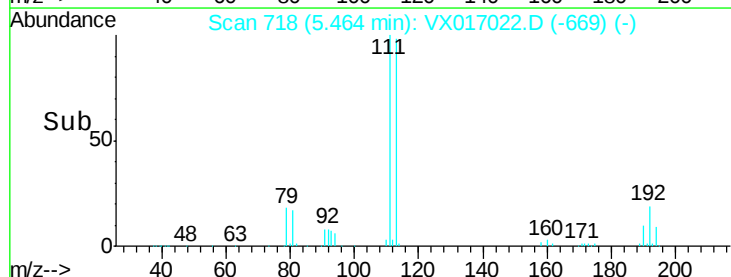
40000

20000

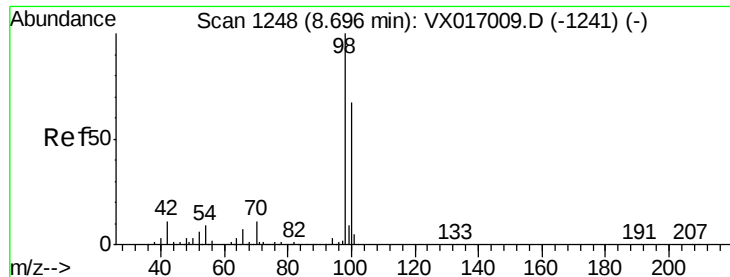
0

5.46

5.30 5.40 5.50 5.60



Time-->



#50

Toluene-d8

Concen: 52.667 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017022.D

Acq: 29 Jun 2020 21:11

Instrument :

MSVOA_X

ClientSampleId :

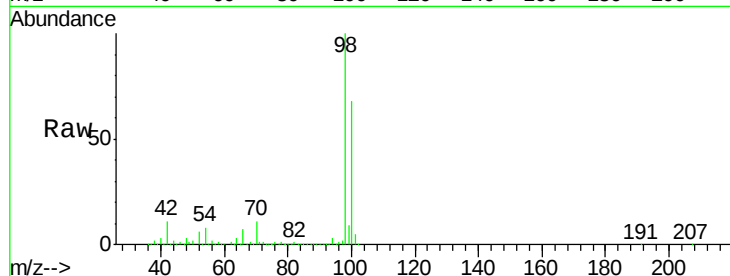
WC-20200626

Tot Ion: 98 Resp: 543863

Ion Ratio Lower Upper

98 100

100 66.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

400000

300000

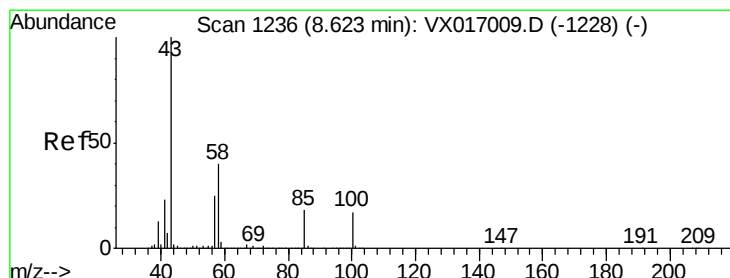
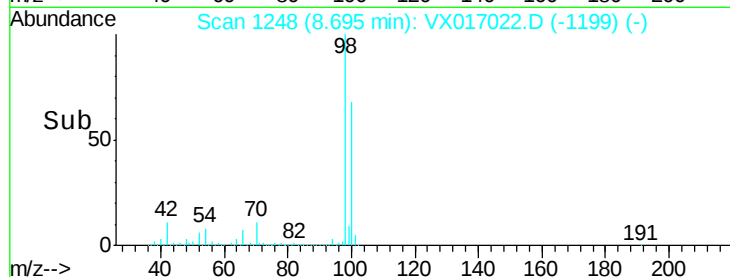
200000

100000

0

8.60 8.70 8.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 2.361 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017022.D

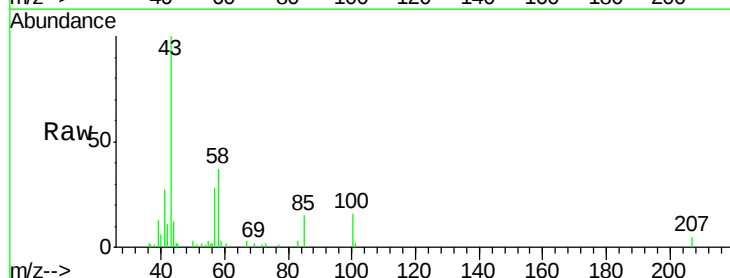
Acq: 29 Jun 2020 21:11

Tgt Ion: 43 Resp: 9900

Ion Ratio Lower Upper

43 100

58 38.4 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

6000

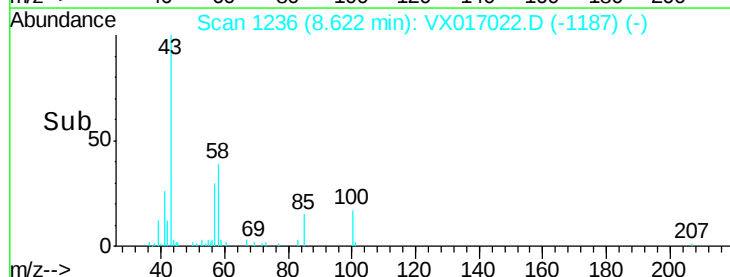
4000

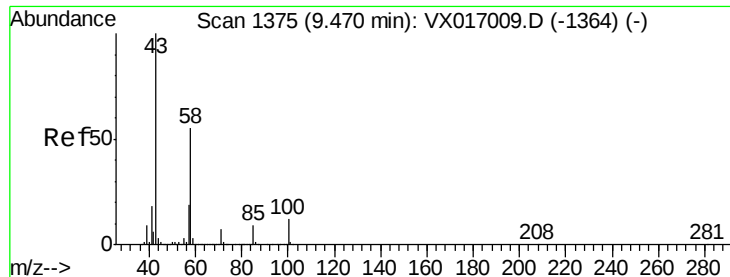
2000

0

8.55 8.60 8.65

Time-->

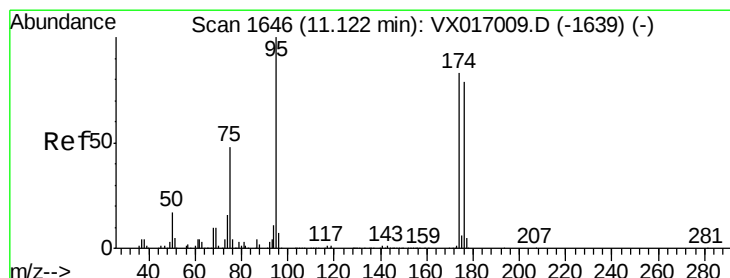
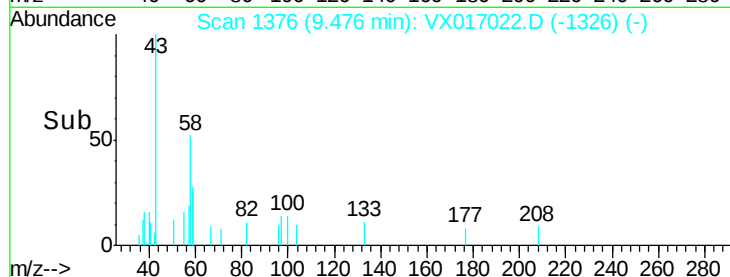
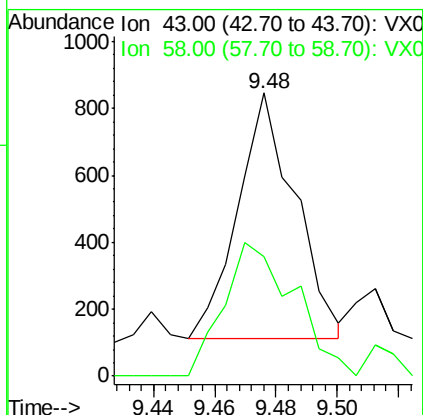
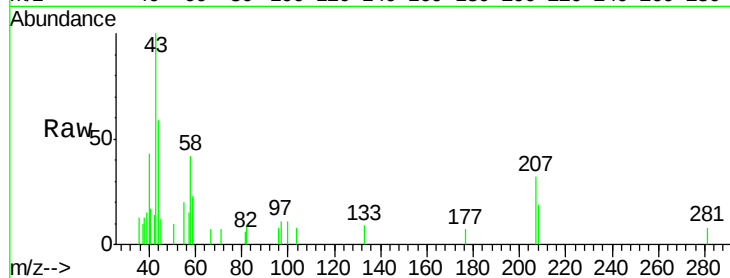




#59
2-Hexanone
Concen: 0.311 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017022.D
Acq: 29 Jun 2020 21:11

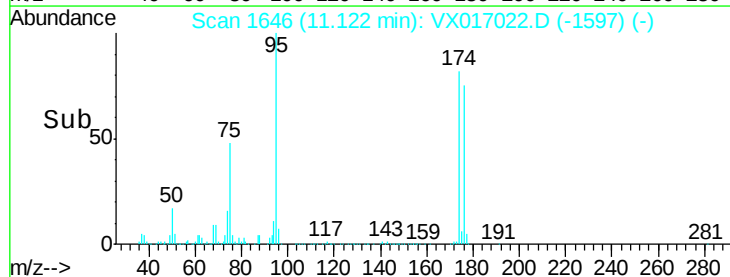
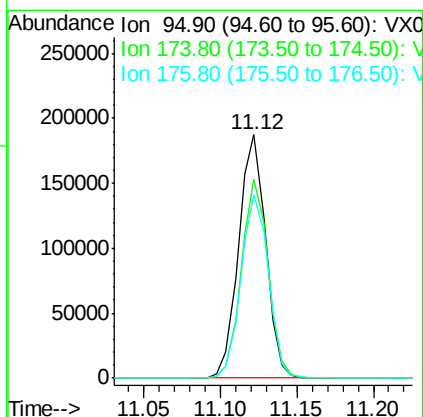
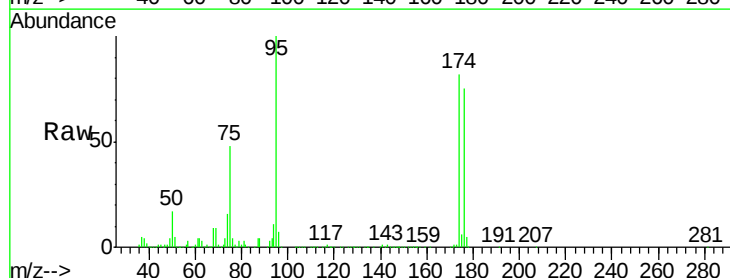
Instrument :
MSVOA_X
ClientSampleId :
WC-20200626

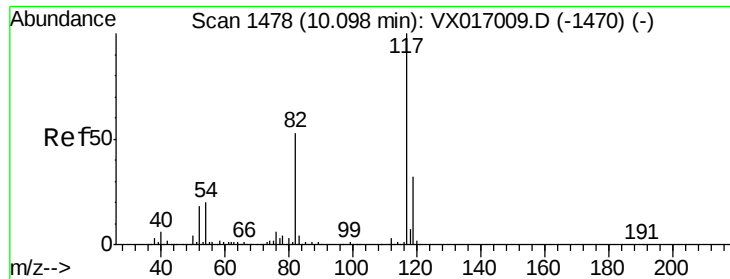
Tot Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
58 67.1 27.9 83.6



#62
4-Bromofluorobenzene
Concen: 56.662 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017022.D
Acq: 29 Jun 2020 21:11

Tgt Ion: 95 Resp: 228729
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.0
176 76.7 0.0 157.6

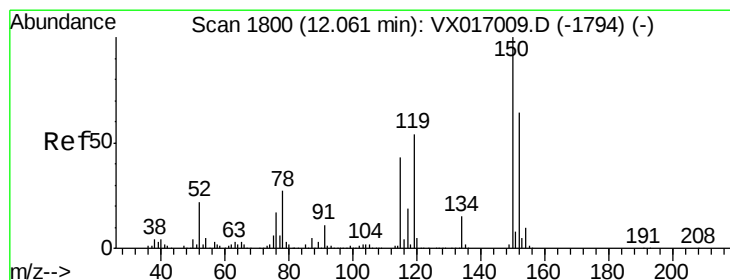
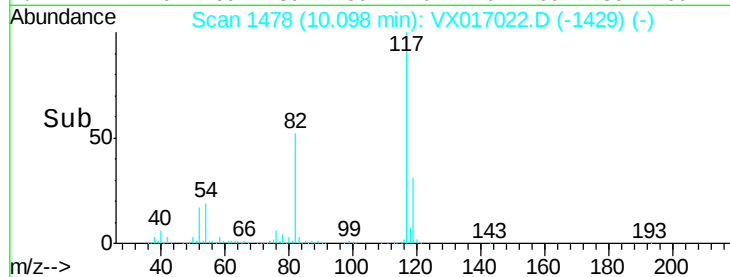
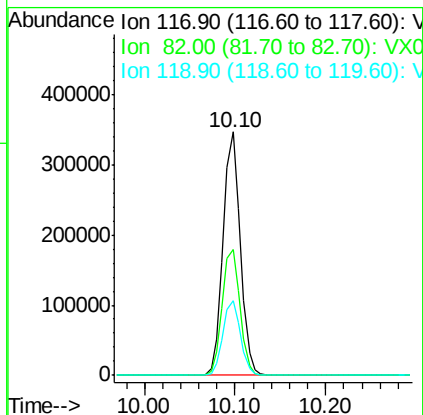
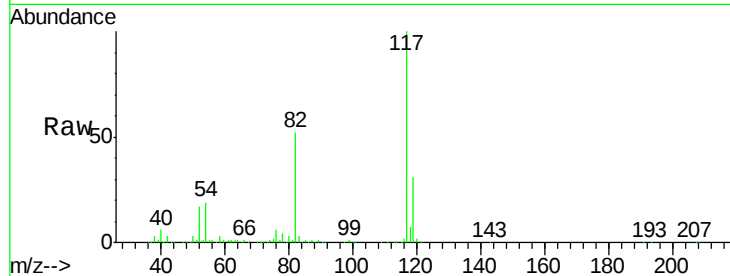




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017022.D
Acq: 29 Jun 2020 21:11

Instrument :
MSVOA_X
ClientSampleId :
WC-20200626

Tot Ion:117 Resp: 458692
Ion Ratio Lower Upper
117 100
82 51.7 42.6 63.8
119 30.8 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: VX017022.D
Acq: 29 Jun 2020 21:11

Tgt Ion:152 Resp: 238314
Ion Ratio Lower Upper
152 100
115 59.9 40.9 122.7
150 158.0 0.0 351.6

