

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017540.D
 Acq On : 24 Jul 2020 14:13
 Operator : JC/SP
 Sample : L3378-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-WATER

Quant Time: Jul 25 02:58:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

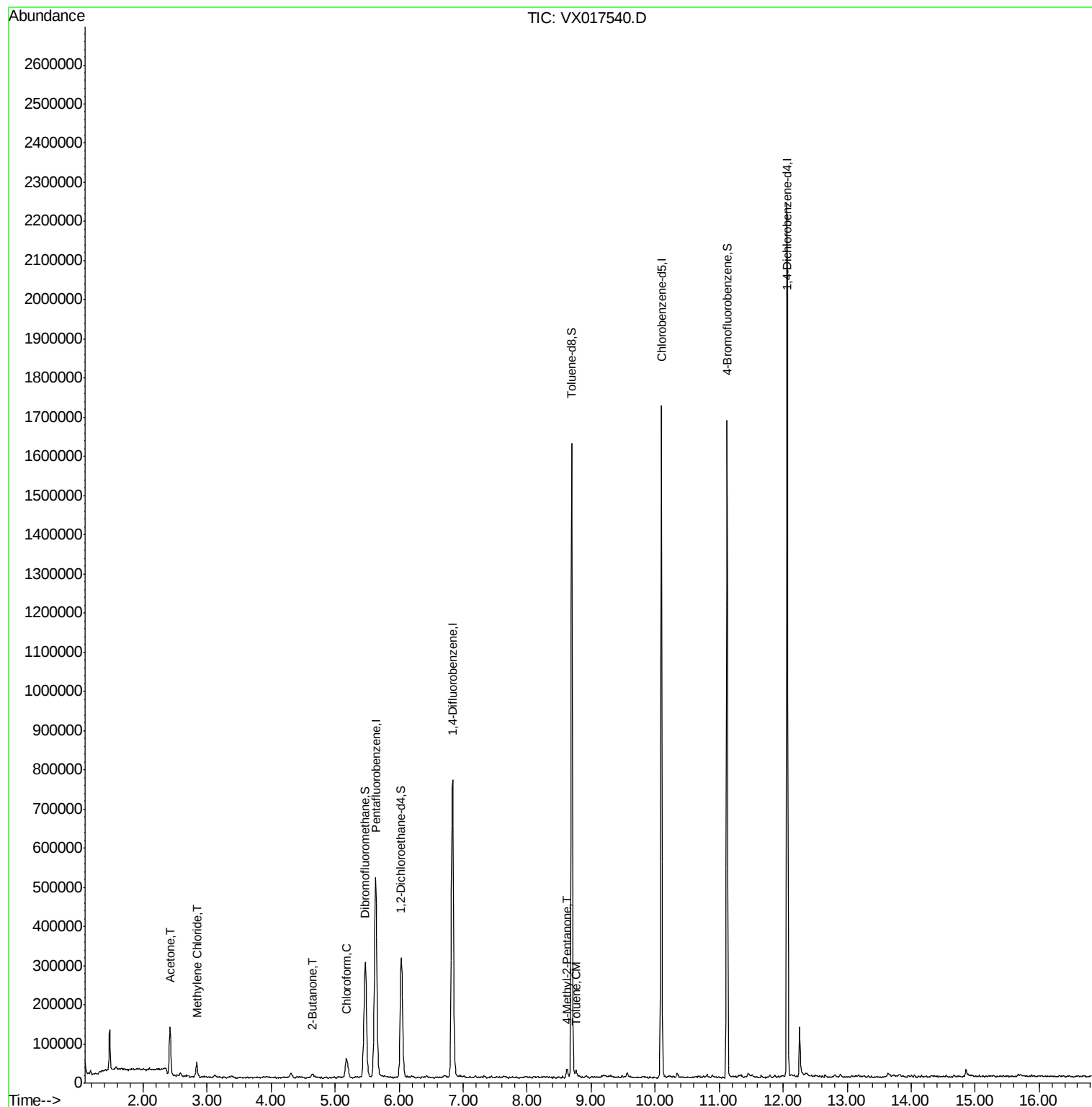
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	480219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	767934	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	774262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	463337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	311782	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
35) Dibromofluoromethane	5.48	113	264360	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
50) Toluene-d8	8.70	98	937481	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	11.12	95	401039	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
Target Compounds						
16) Acetone	2.42	43	131425	48.406	ug/l	97
20) Methylene Chloride	2.84	84	17206	2.136	ug/l #	91
25) 2-Butanone	4.64	43	16136	4.184	ug/l	99
30) Chloroform	5.17	83	59113	6.064	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	14398	1.815	ug/l	90
52) Toluene	8.77	92	4631	0.342	ug/l	93

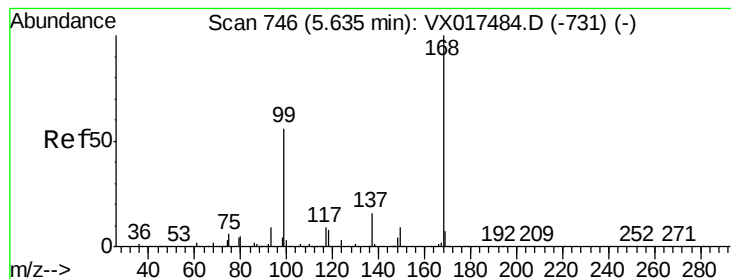
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017540.D

Acq: 24 Jul 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

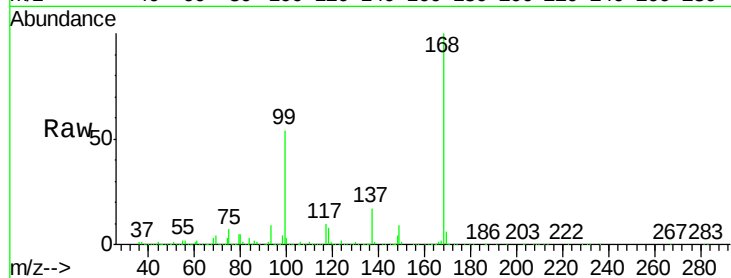
DRUM-WATER

Tgt Ion:168 Resp: 480219

Ion Ratio Lower Upper

168 100

99 54.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

150000

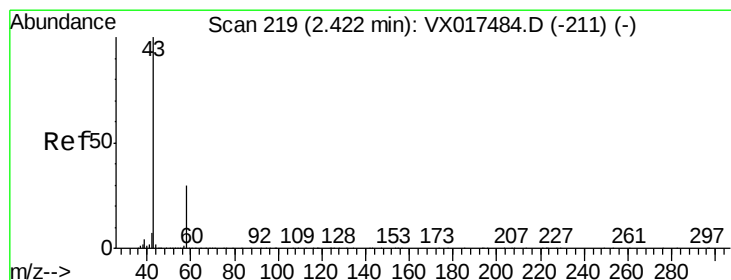
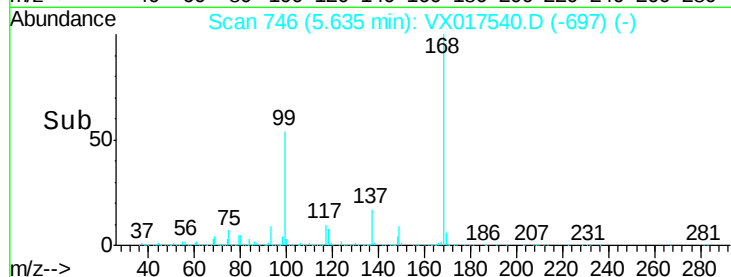
100000

50000

0

5.50 5.60 5.70

Time-->



#16

Acetone

Concen: 48.406 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017540.D

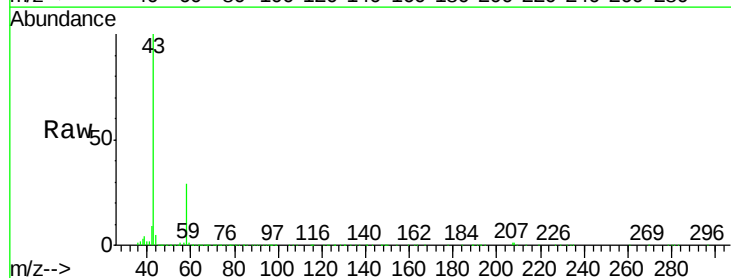
Acq: 24 Jul 2020 14:13

Tgt Ion: 43 Resp: 131425

Ion Ratio Lower Upper

43 100

58 28.8 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

80000

60000

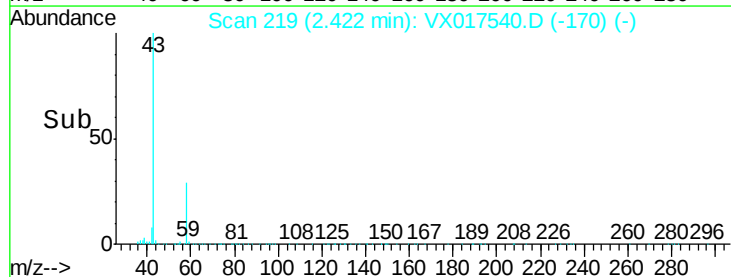
40000

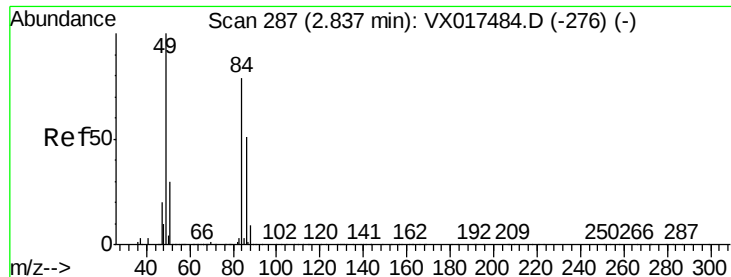
20000

0

2.35 2.40 2.45 2.50

Time-->

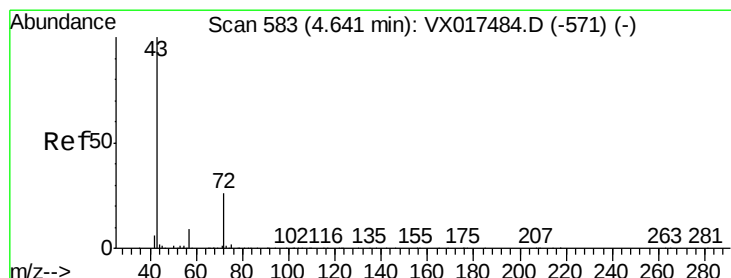
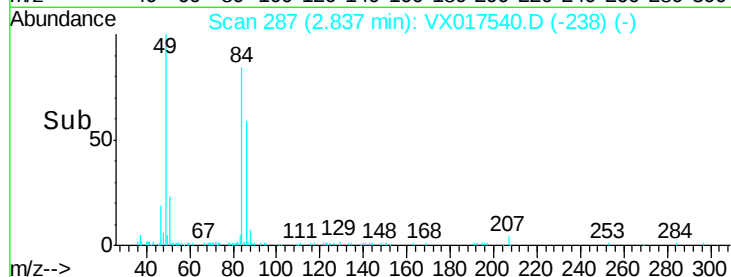
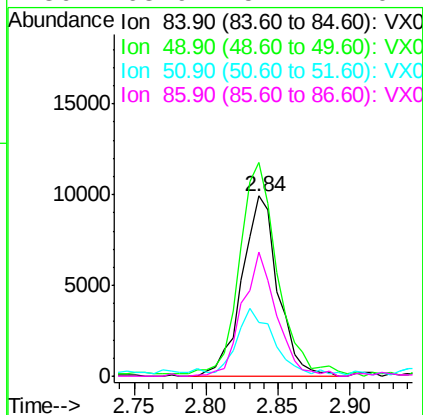
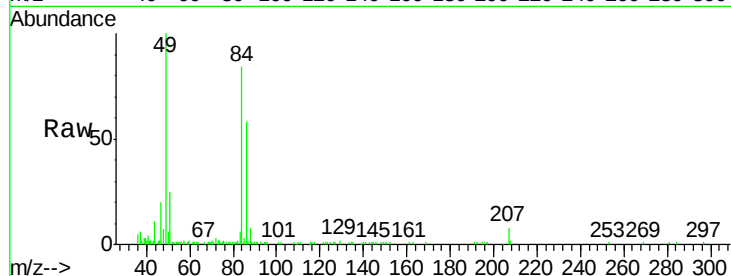




#20
Methylene Chloride
Concen: 2.136 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017540.D
Acq: 24 Jul 2020 14:13

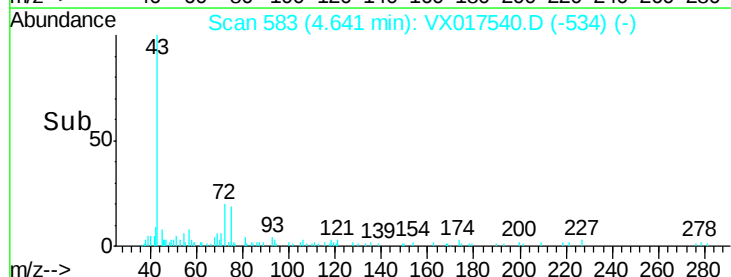
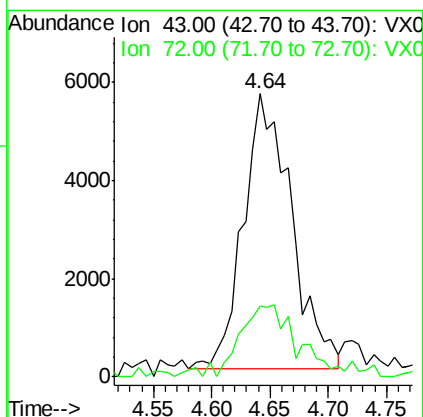
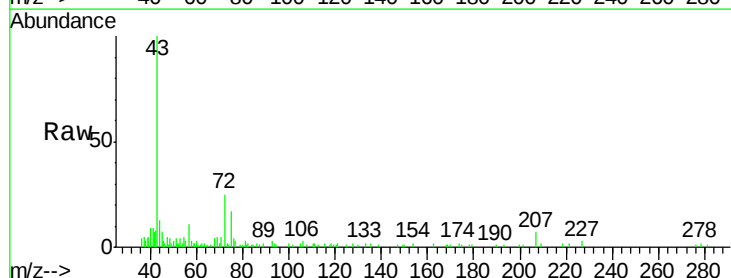
Instrument :
MSVOA_X
ClientSampleId :
DRUM-WATER

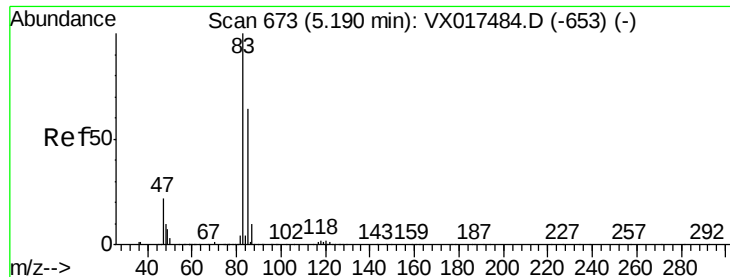
Tgt Ion: 84 Resp: 17206
Ion Ratio Lower Upper
84 100
49 115.4 100.3 150.5
51 27.7 30.5 45.7#
86 68.9 51.1 76.7



#25
2-Butanone
Concen: 4.184 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX017540.D
Acq: 24 Jul 2020 14:13

Tgt Ion: 43 Resp: 16136
Ion Ratio Lower Upper
43 100
72 23.3 19.0 28.4

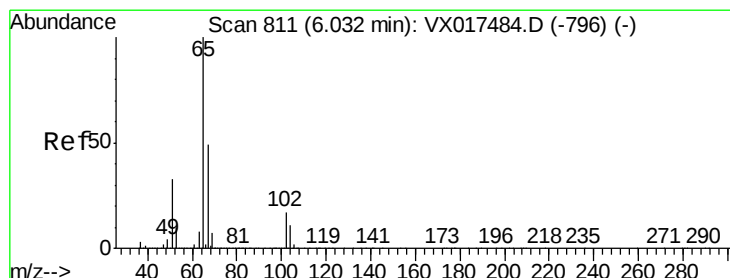
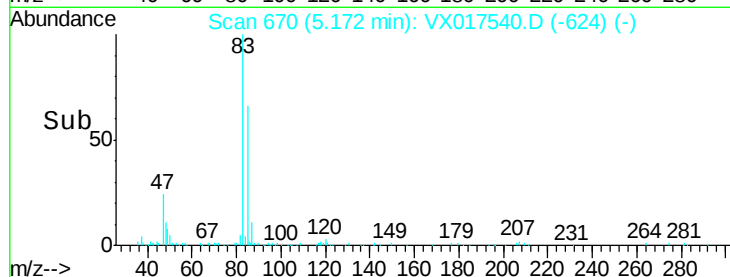
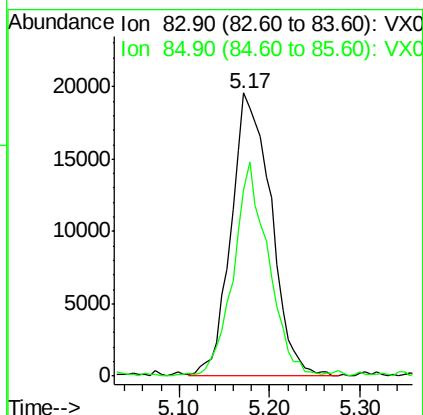
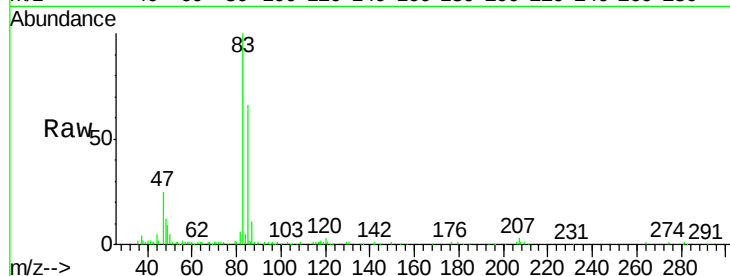




#30
Chloroform
Concen: 6.064 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017540.D
Acq: 24 Jul 2020 14:13

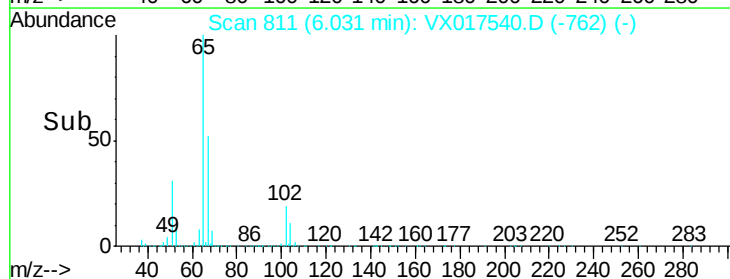
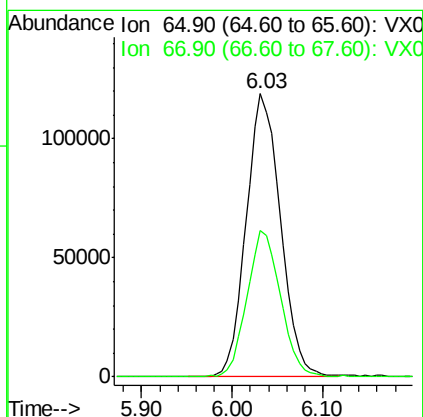
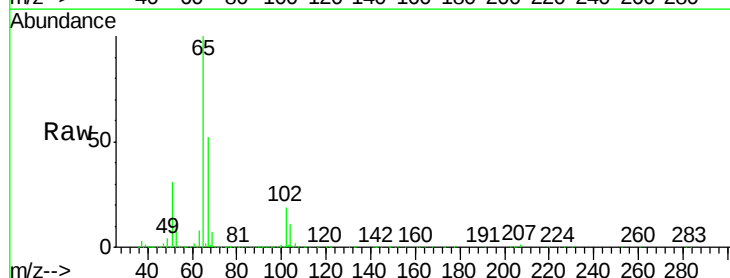
Instrument :
MSVOA_X
ClientSampleId :
DRUM-WATER

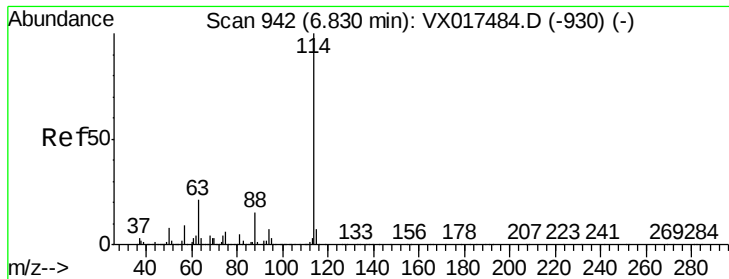
Tgt Ion: 83 Resp: 59113
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 50.543 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017540.D
Acq: 24 Jul 2020 14:13

Tgt Ion: 65 Resp: 311782
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017540.D

Acq: 24 Jul 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

DRUM-WATER

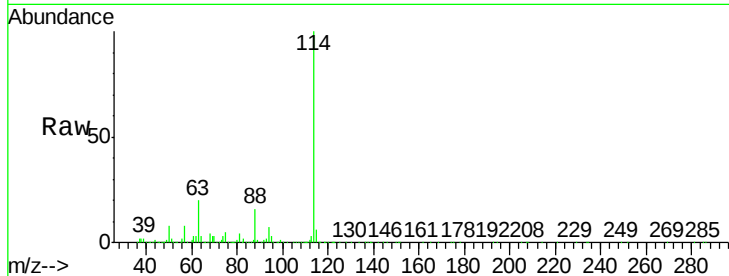
Tgt Ion:114 Resp: 767934

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

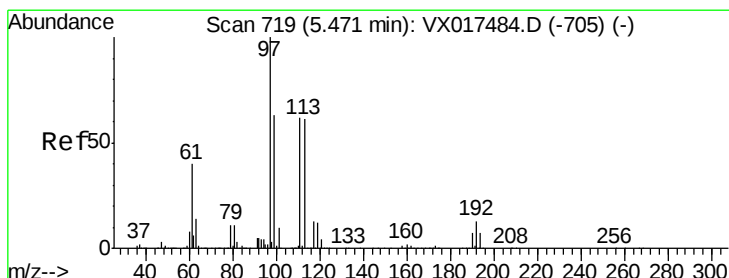
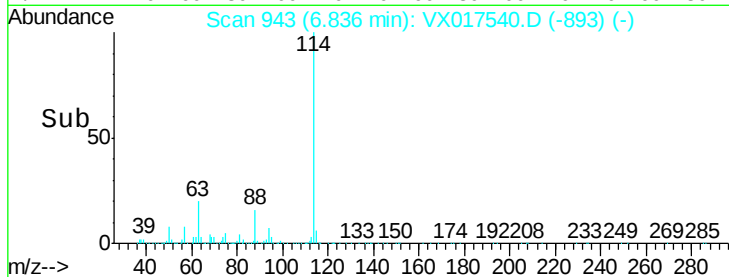
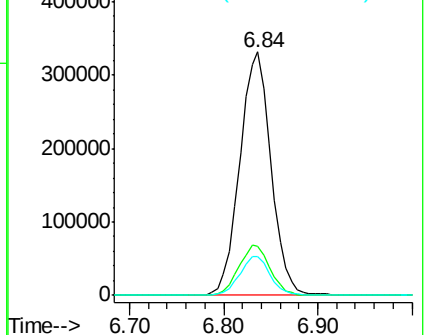
88 15.7 0.0 33.4



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: 51.472 ug/l

RT: 5.48 min Scan# 720

Delta R.T. 0.01 min

Lab File: VX017540.D

Acq: 24 Jul 2020 14:13

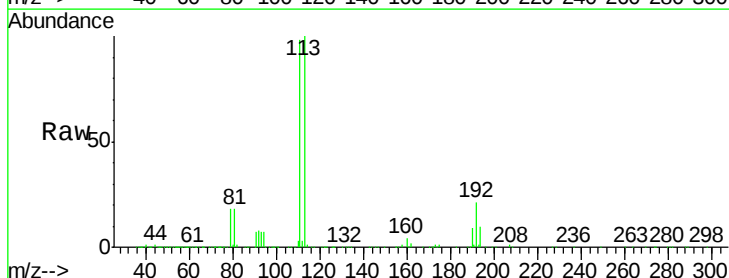
Tgt Ion:113 Resp: 264360

Ion Ratio Lower Upper

113 100

111 99.5 80.7 121.1

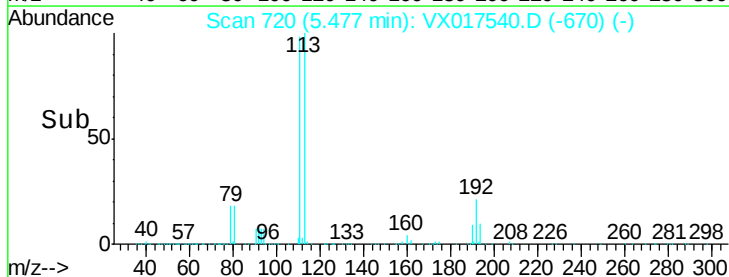
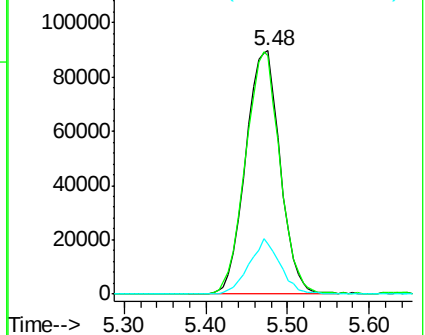
192 20.5 16.9 25.3

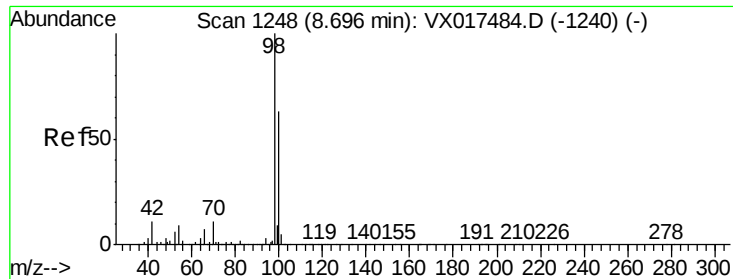


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

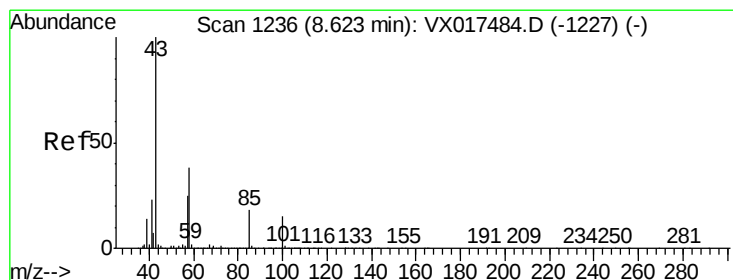
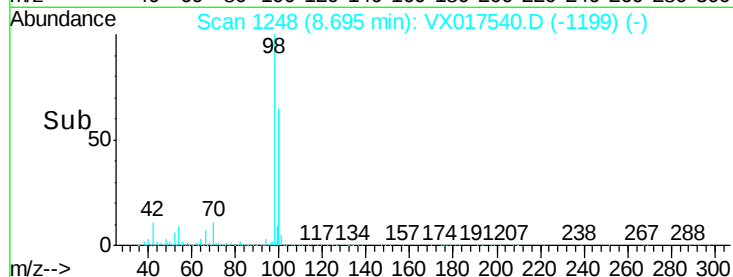
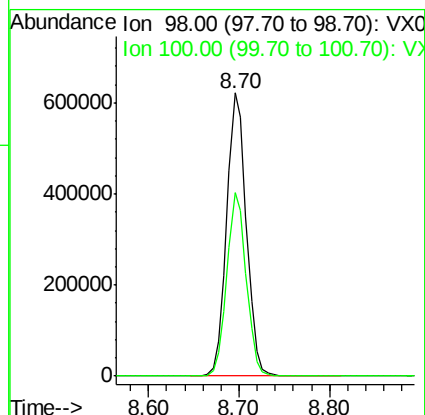
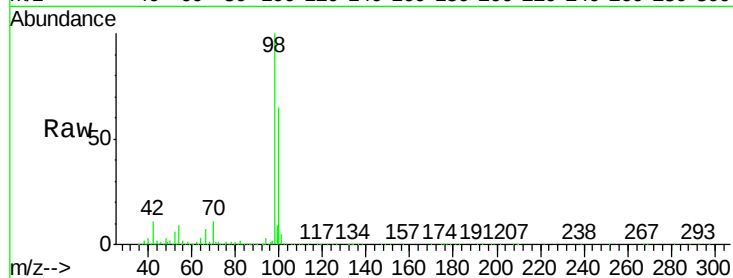




#50
Toluene-d8
Concen: 50.598 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017540.D
Acq: 24 Jul 2020 14:13

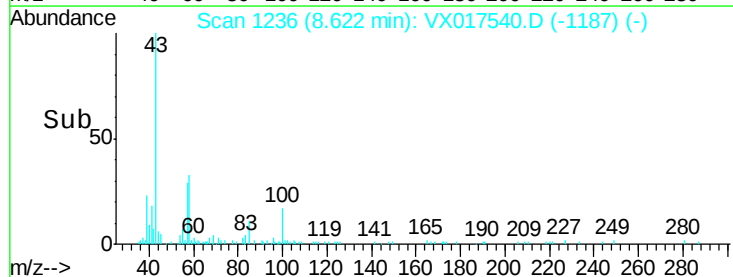
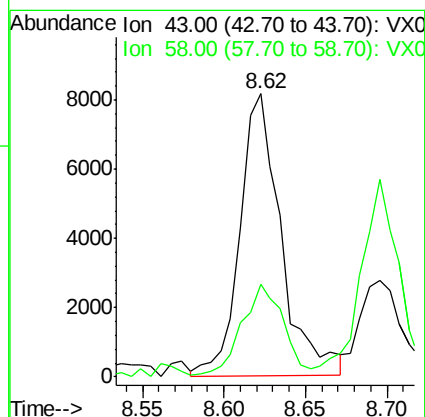
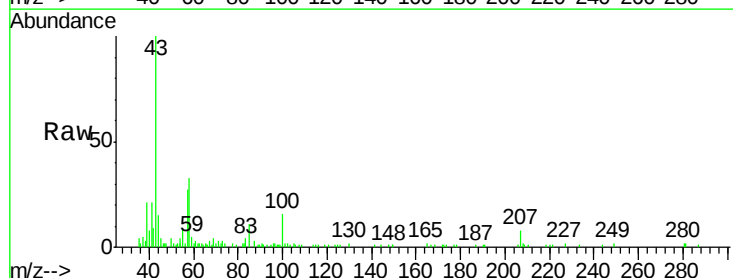
Instrument :
MSVOA_X
ClientSampleId :
DRUM-WATER

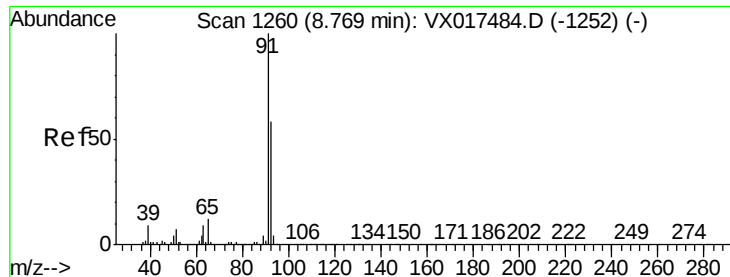
Tgt Ion: 98 Resp: 937481
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.815 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017540.D
Acq: 24 Jul 2020 14:13

Tgt Ion: 43 Resp: 14398
Ion Ratio Lower Upper
43 100
58 32.9 31.0 46.4





#52

Toluene

Concen: 0.342 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017540.D

Acq: 24 Jul 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

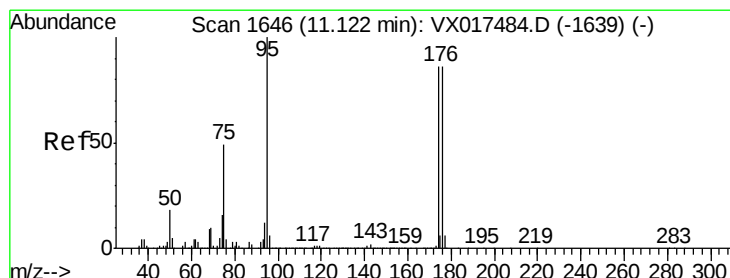
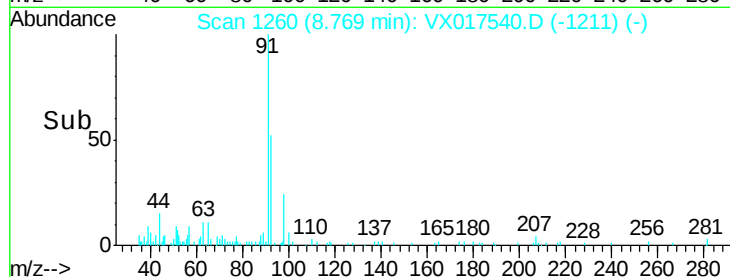
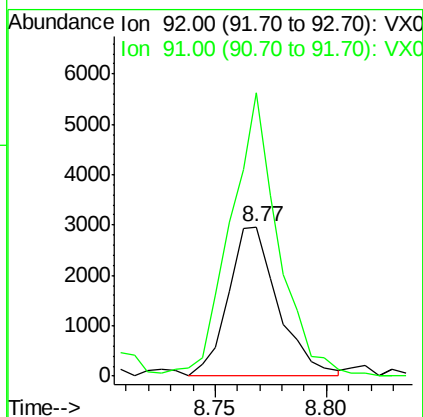
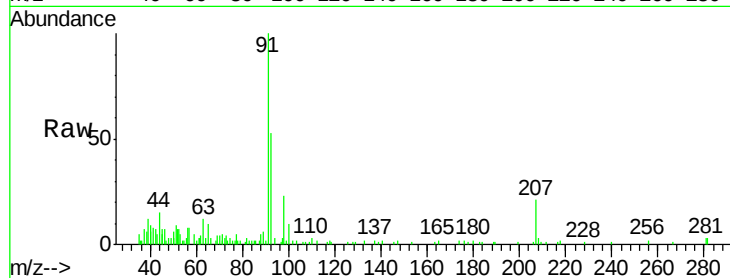
DRUM-WATER

Tgt Ion: 92 Resp: 4631

Ion Ratio Lower Upper

92 100

91 181.9 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 54.085 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017540.D

Acq: 24 Jul 2020 14:13

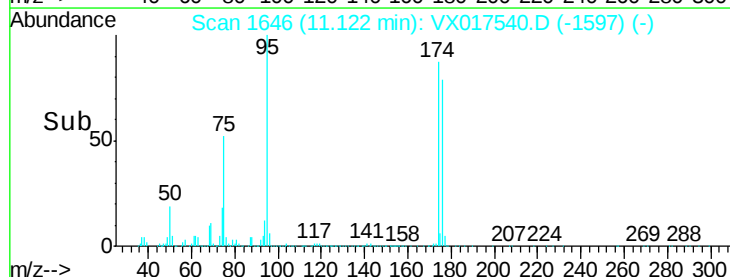
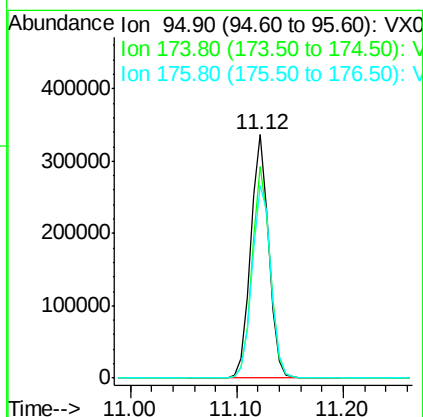
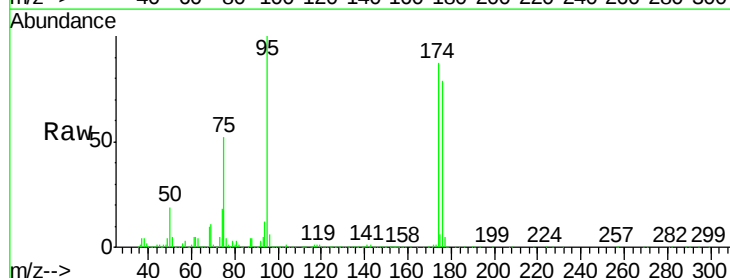
Tgt Ion: 95 Resp: 401039

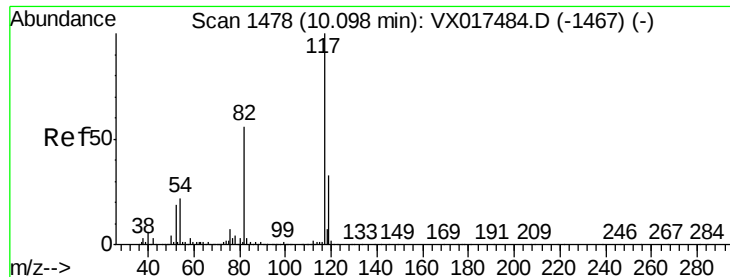
Ion Ratio Lower Upper

95 100

174 86.5 0.0 169.0

176 82.8 0.0 161.0

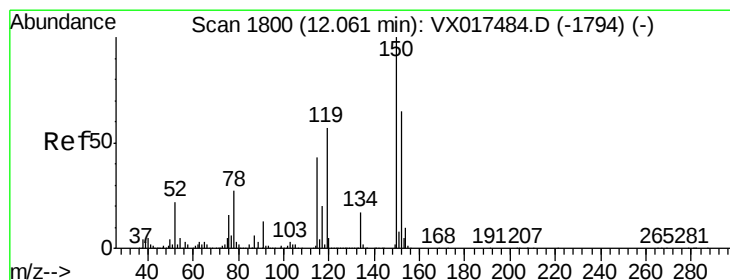
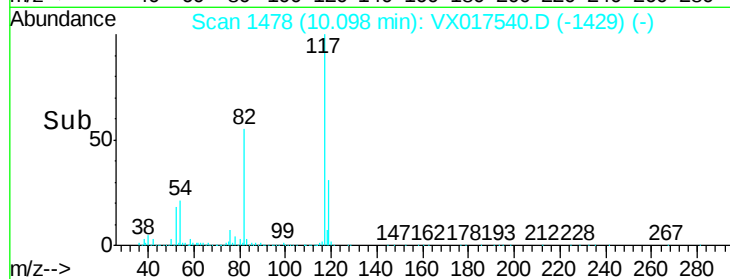
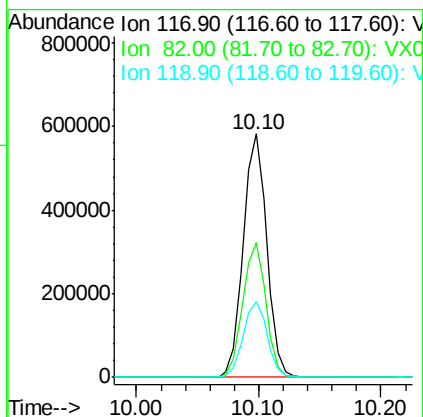
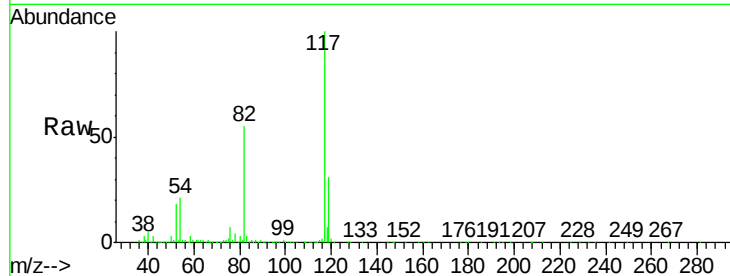




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017540.D
Acq: 24 Jul 2020 14:13

Instrument :
MSVOA_X
ClientSampleId :
DRUM-WATER

Tgt Ion:117 Resp: 774262
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017540.D
Acq: 24 Jul 2020 14:13

Tgt Ion:152 Resp: 463337
Ion Ratio Lower Upper
152 100
115 57.8 65.5 196.6#
150 157.3 0.0 412.6

