

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016261.D
 Acq On : 15 May 2020 03:43
 Operator : JC/SP
 Sample : L2640-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-WATER-CAKE

Quant Time: May 15 06:25:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

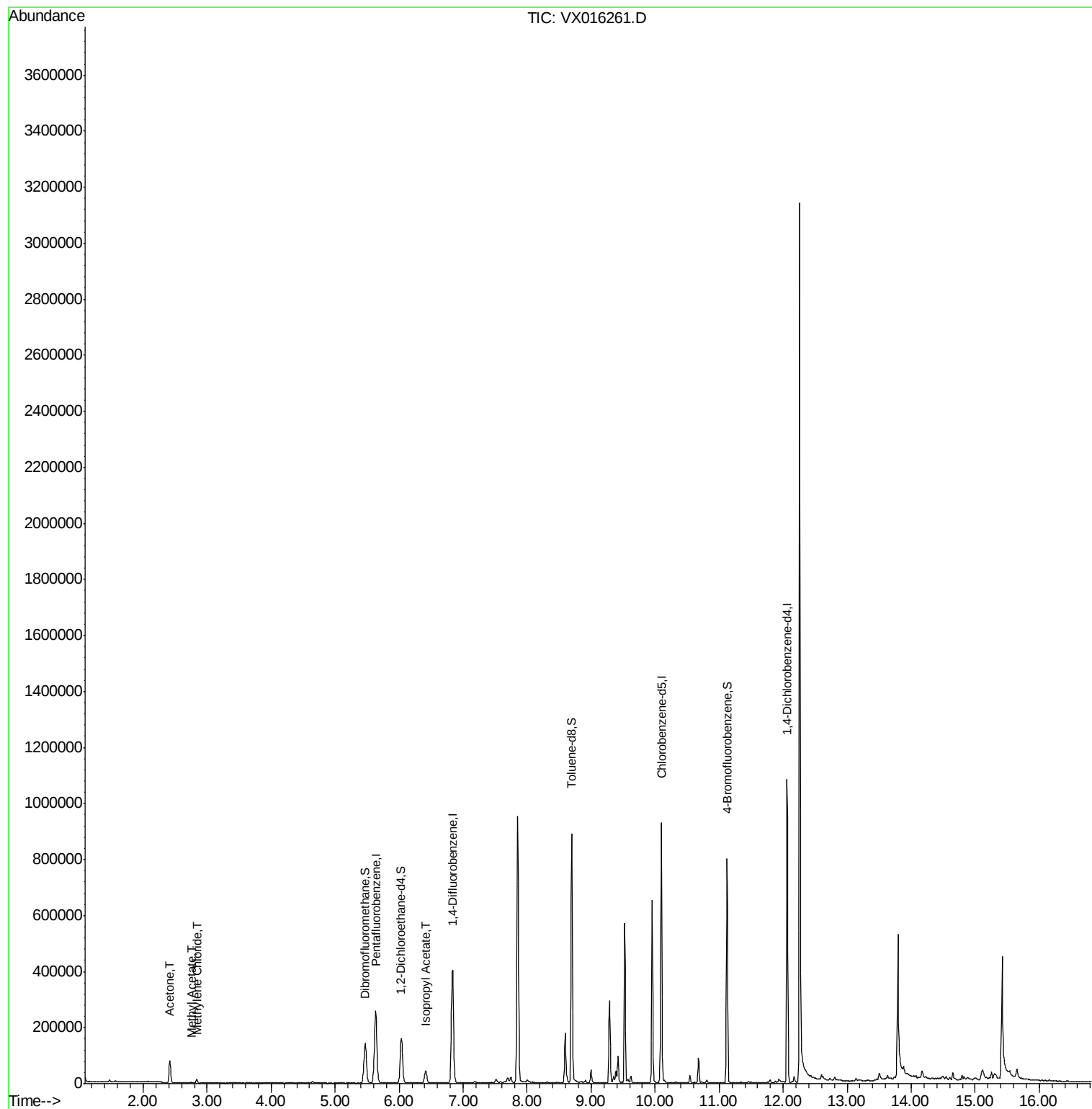
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	246995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	422814	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	416482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	154333	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
35) Dibromofluoromethane	5.47	113	123833	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
50) Toluene-d8	8.70	98	527641	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.12	95	212901	54.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.46%	
Target Compounds						
16) Acetone	2.42	43	81296	56.058	ug/l	96
18) Methyl Acetate	2.75	43	3820	1.071	ug/l	99
20) Methylene Chloride	2.84	84	6063	2.028	ug/l	94
43) Isopropyl Acetate	6.42	43	61342	7.970	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016261.D

Acq: 15 May 2020 03:43

Instrument :

MSVOA_X

ClientSampleId :

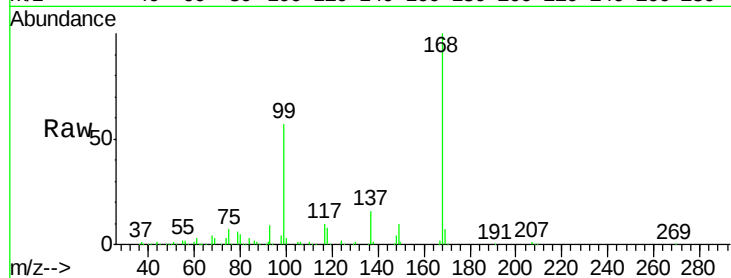
WASTE-WATER-CAKE

Tot Ion:168 Resp: 246995

Ion Ratio Lower Upper

168 100

99 57.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

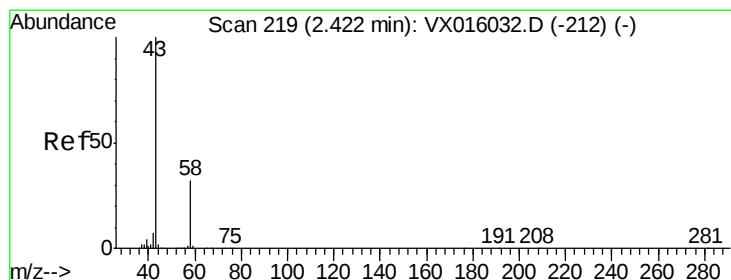
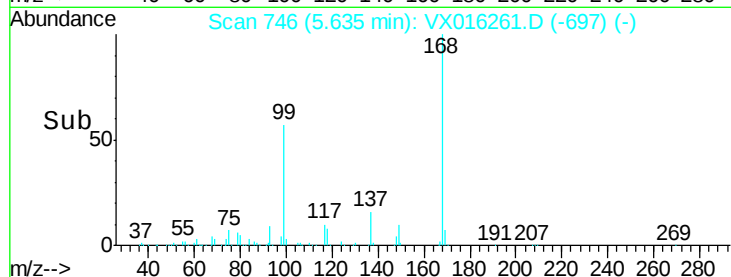
40000

20000

0

5.50 5.60 5.70

Time-->



#16

Acetone

Concen: 56.058 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016261.D

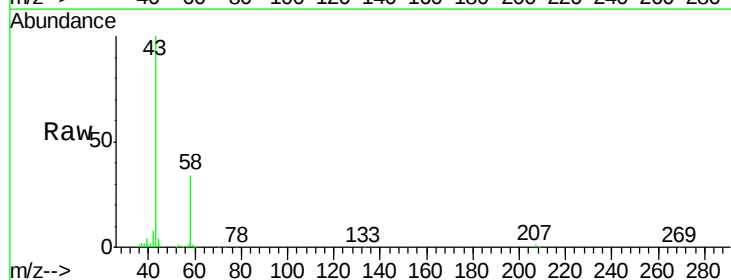
Acq: 15 May 2020 03:43

Tgt Ion: 43 Resp: 81296

Ion Ratio Lower Upper

43 100

58 33.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

50000

40000

30000

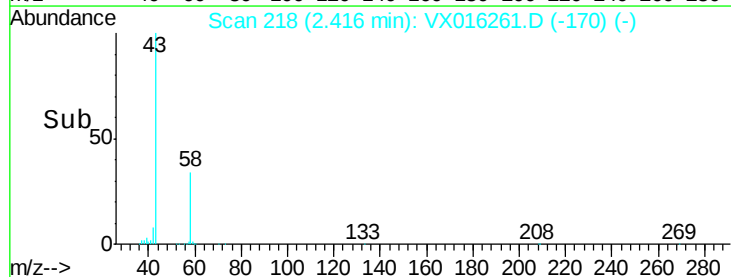
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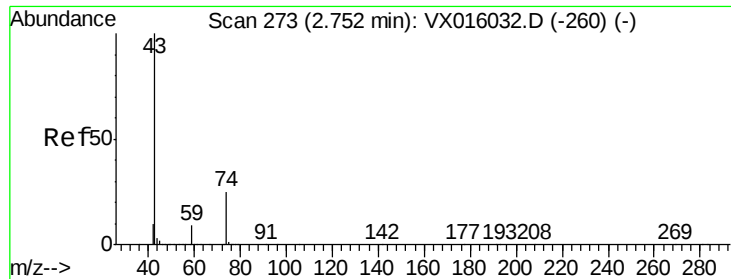
10000

0

2.40 2.50

Time-->

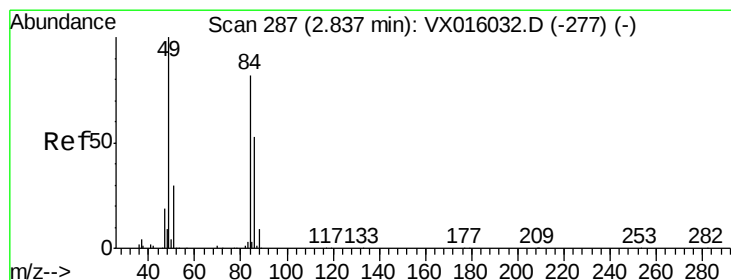
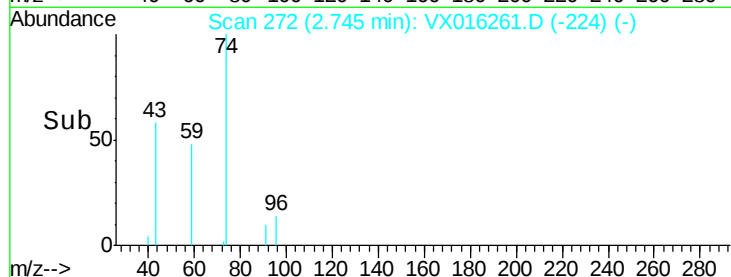
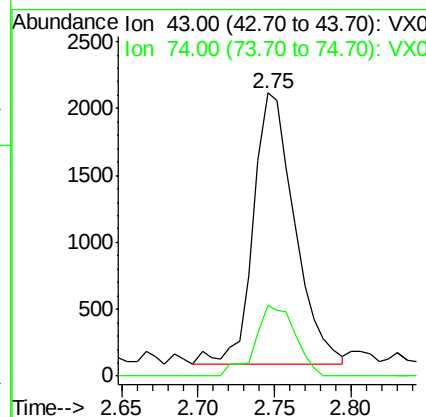
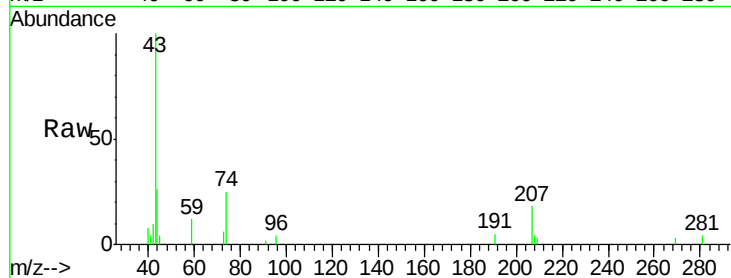




#18
Methvl Acetate
Concen: 1.071 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016261.D
Acq: 15 May 2020 03:43

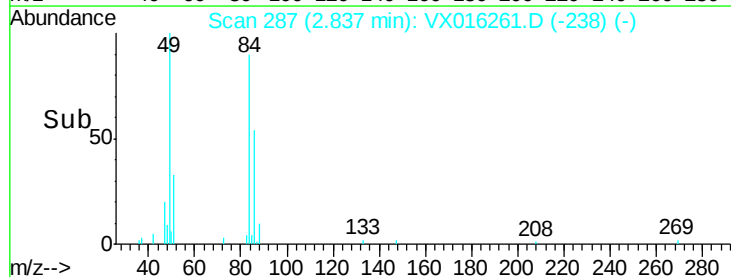
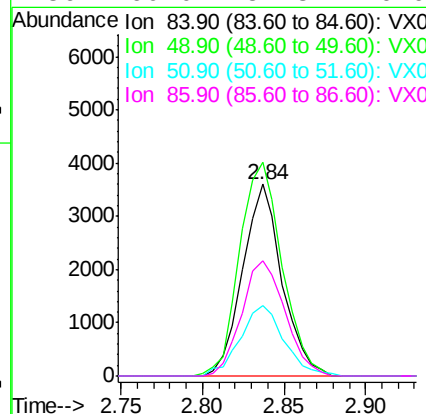
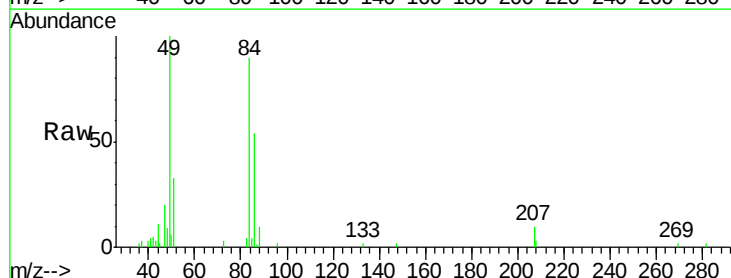
Instrument :
MSVOA_X
ClientSampleId :
WASTE-WATER-CAKE

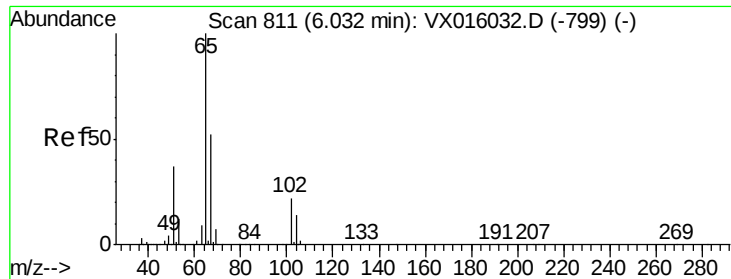
Tot Ion: 43 Resp: 3820
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.2



#20
Methylene Chloride
Concen: 2.028 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016261.D
Acq: 15 May 2020 03:43

Tgt Ion: 84 Resp: 6063
Ion Ratio Lower Upper
84 100
49 111.5 97.3 145.9
51 36.6 29.3 43.9
86 60.0 51.3 76.9

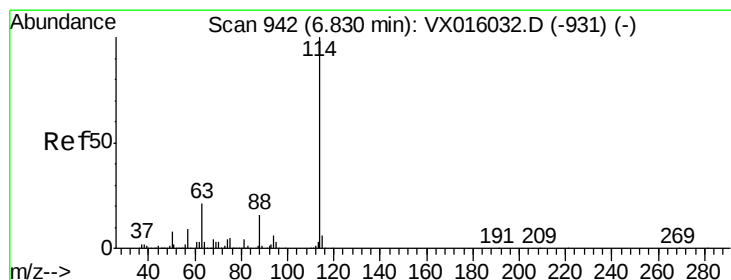
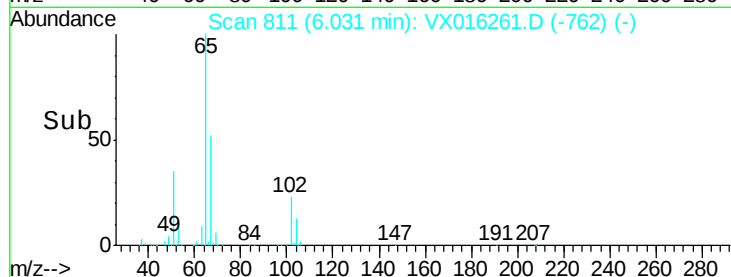
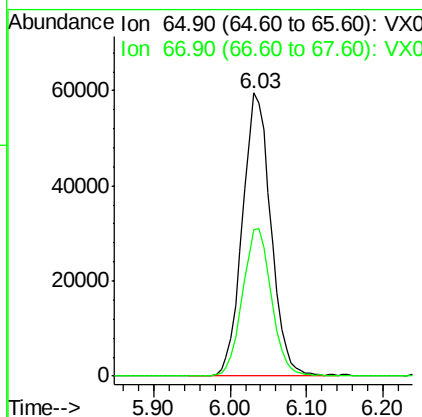
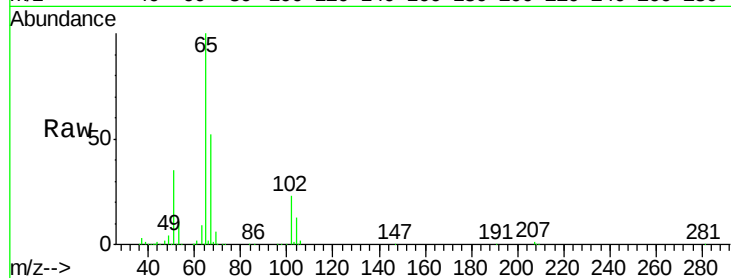




#33
 1,2-Dichloroethane-d4
 Concen: 47.484 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016261.D
 Acq: 15 May 2020 03:43

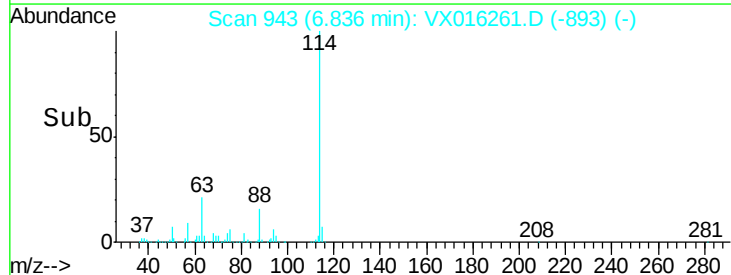
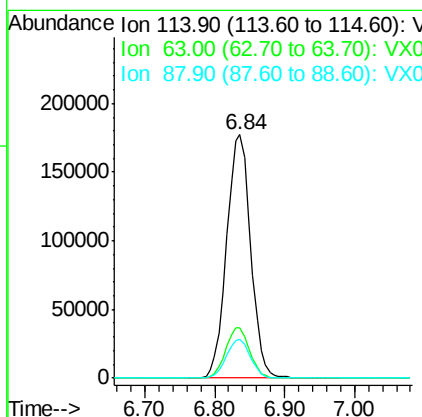
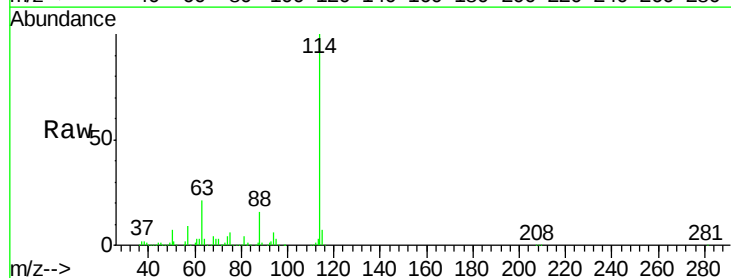
Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-WATER-CAKE

Tot Ion: 65 Resp: 154333
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016261.D
 Acq: 15 May 2020 03:43

Tgt Ion: 114 Resp: 422814
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 15.9 0.0 31.4

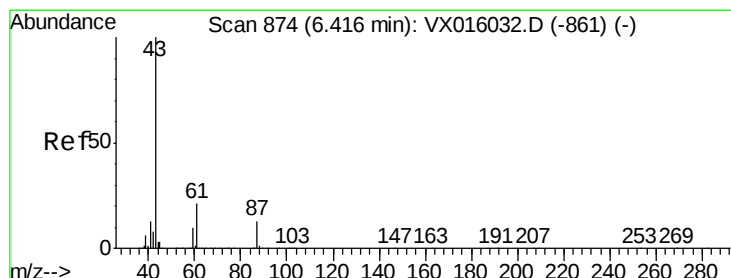
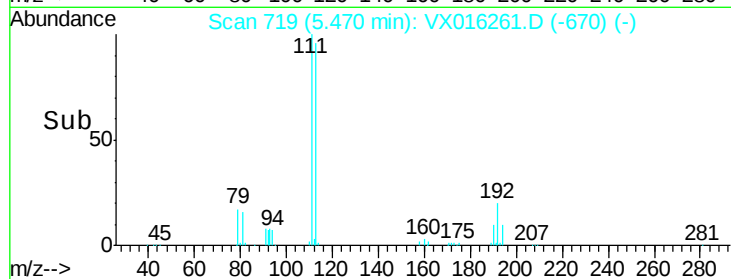
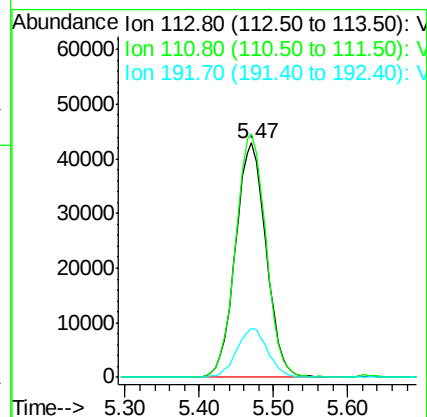
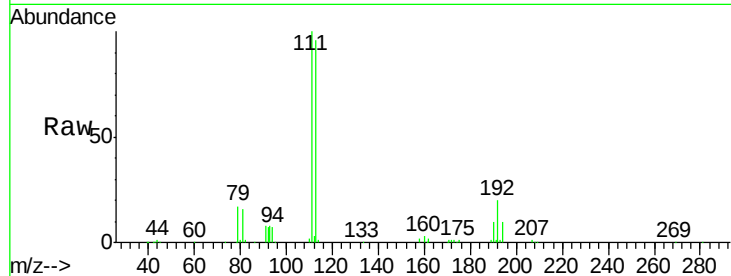




#35
Dibromofluoromethane
Concen: 46.229 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016261.D
Acq: 15 May 2020 03:43

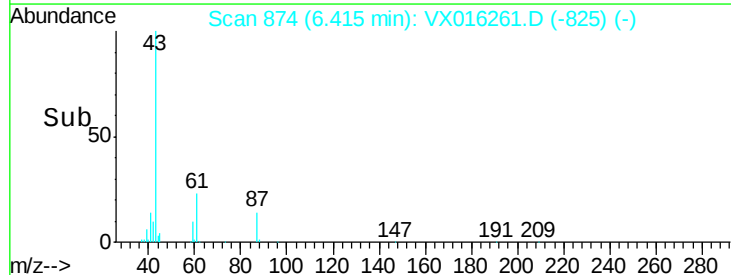
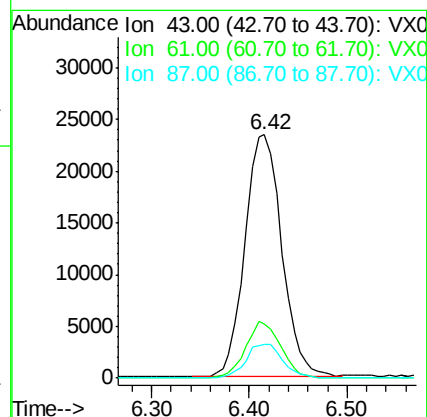
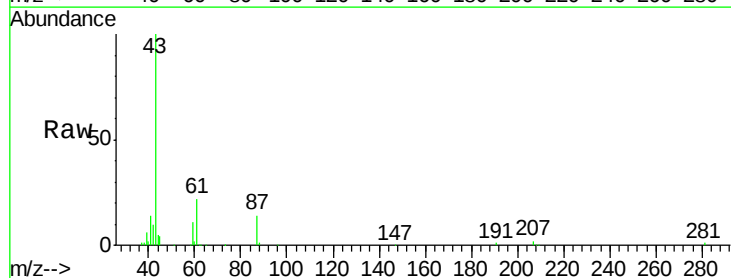
Instrument :
MSVOA_X
ClientSampleId :
WASTE-WATER-CAKE

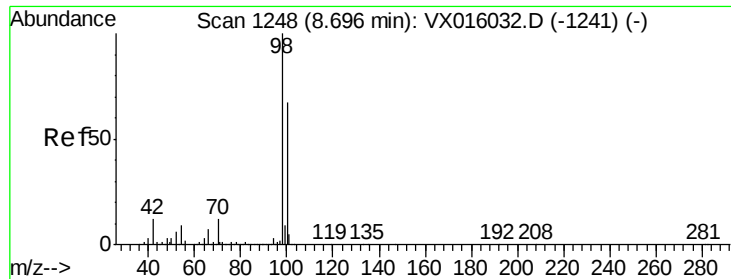
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.6	122.4
192	21.2	17.0	25.4



#43
Isopropyl Acetate
Concen: 7.970 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016261.D
Acq: 15 May 2020 03:43

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.3	17.0	25.4
87	14.0	11.0	16.6





#50

Toluene-d8

Concen: 51.122 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016261.D

Acq: 15 May 2020 03:43

Instrument :

MSVOA_X

ClientSampleId :

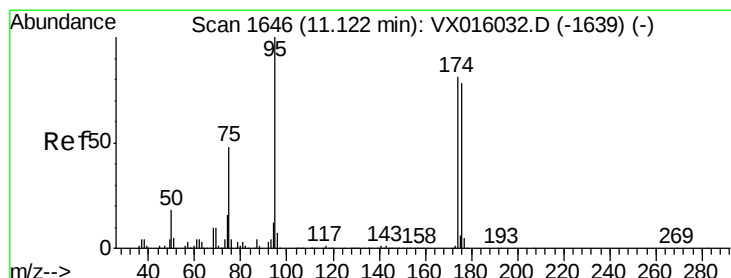
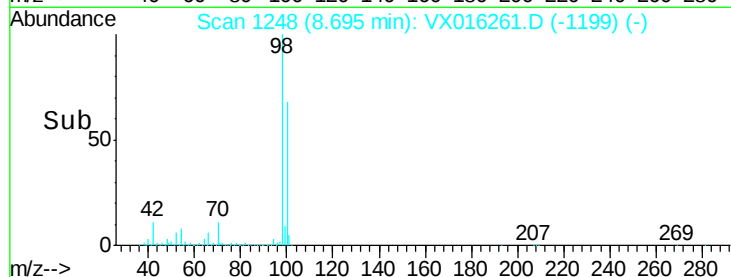
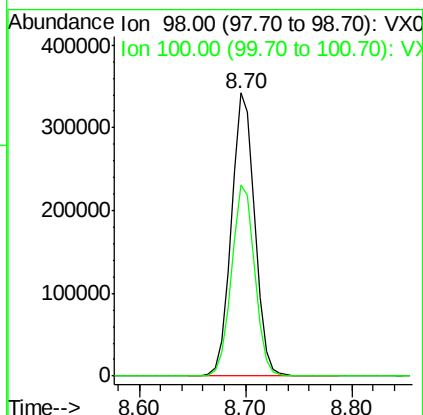
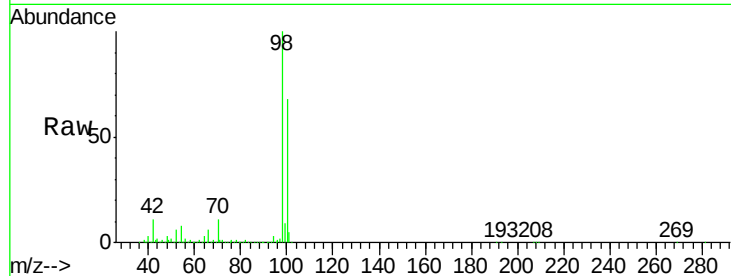
WASTE-WATER-CAKE

Tot Ion: 98 Resp: 527641

Ion Ratio Lower Upper

98 100

100 67.3 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 54.232 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016261.D

Acq: 15 May 2020 03:43

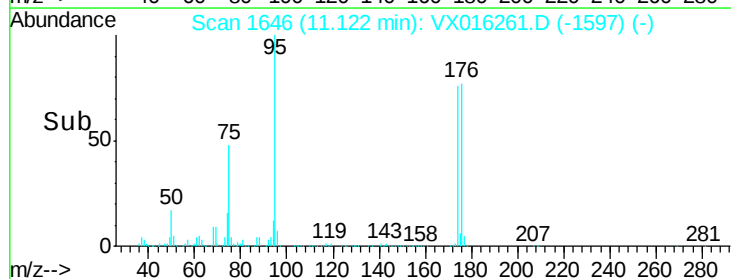
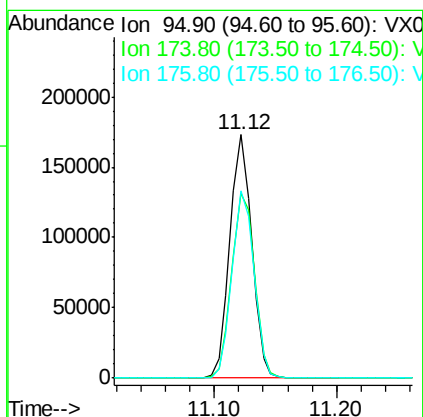
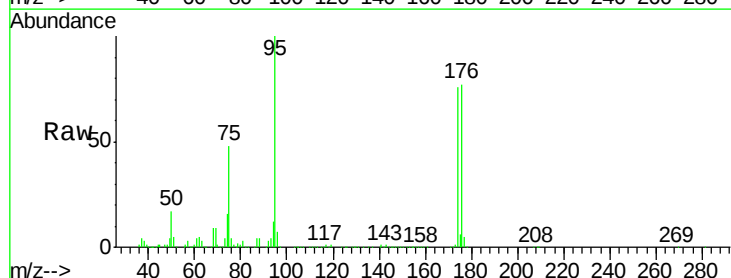
Tgt Ion: 95 Resp: 212901

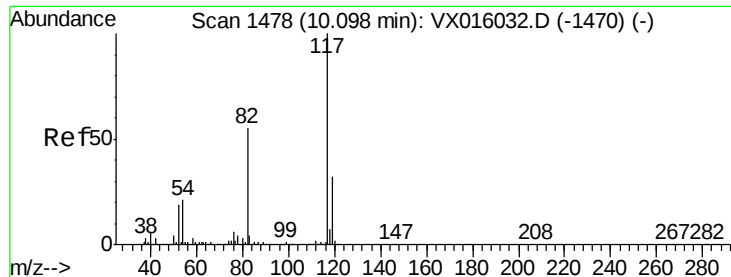
Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.4

176 78.0 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: VX016261.D

Acq: 15 May 2020 03:43

Instrument :

MSVOA_X

ClientSampleId :

WASTE-WATER-CAKE

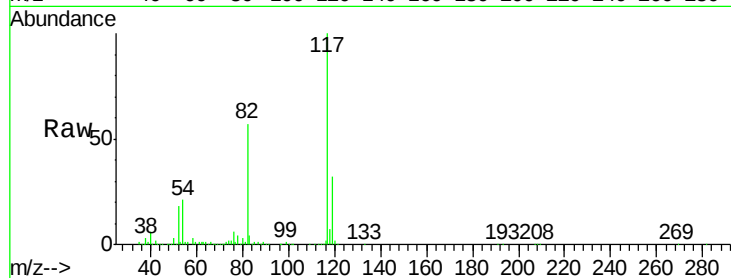
Tot Ion:117 Resp: 416482

Ion Ratio Lower Upper

117 100

82 57.4 44.4 66.6

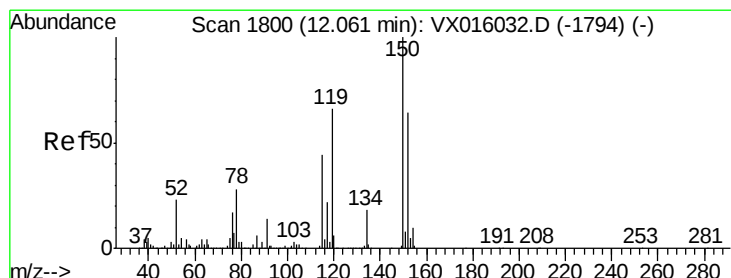
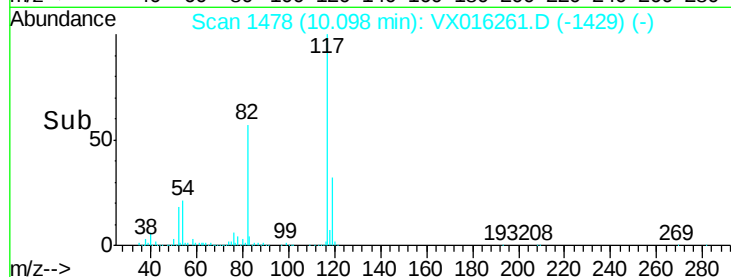
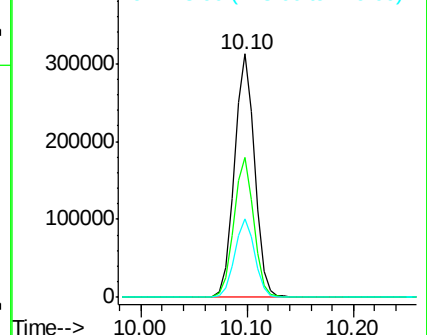
119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX016261.D

Acq: 15 May 2020 03:43

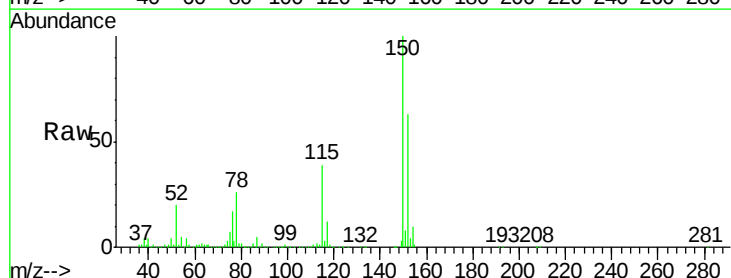
Tgt Ion:152 Resp: 220643

Ion Ratio Lower Upper

152 100

115 58.7 41.3 124.1

150 154.3 0.0 352.2



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

