

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073020\
 Data File : VX017683.D
 Acq On : 30 Jul 2020 15:11
 Operator : JC/SP
 Sample : L3478-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER

Quant Time: Jul 31 11:53:13 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

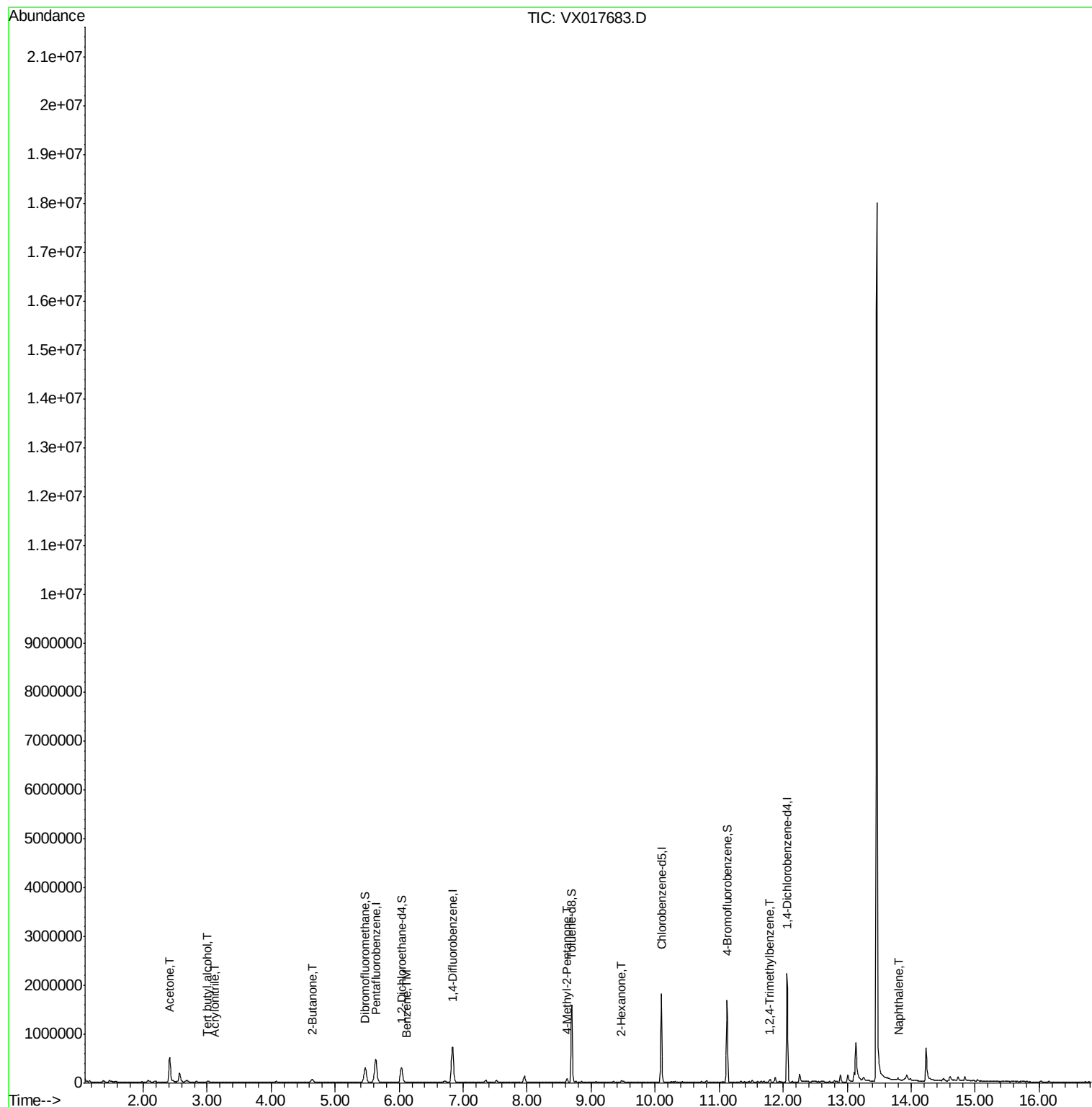
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	452561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	743068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	791101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	448008	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	305250	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
35) Dibromofluoromethane	5.47	113	256596	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
50) Toluene-d8	8.70	98	944127	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	11.12	95	421510	58.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.50%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	33451	27.302	ug/l #	89
15) Acrylonitrile	3.12	53	8003	3.024	ug/l	90
16) Acetone	2.42	43	546729	213.678	ug/l	97
25) 2-Butanone	4.64	43	119127	32.774	ug/l	99
40) Benzene	6.12	78	7185	0.352	ug/l #	74
51) 4-Methyl-2-Pentanone	8.62	43	40754	5.309	ug/l	97
59) 2-Hexanone	9.48	43	19651	3.400	ug/l	90
84) 1,2,4-Trimethylbenzene	11.79	105	6105	0.234	ug/l	100
95) Naphthalene	13.82	128	6107	0.206	ug/l #	84

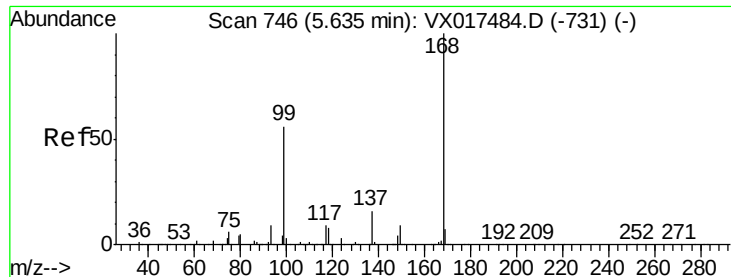
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073020\
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ClientSampleId :
OILY-WATER

Quant Time: Jul 31 11:53:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
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: VX017683.D

Acq: 30 Jul 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

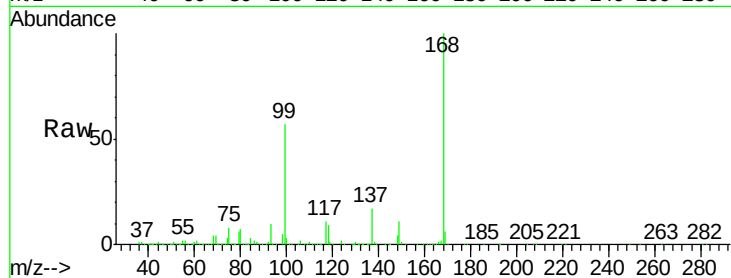
OILY-WATER

Tot Ion:168 Resp: 452561

Ion Ratio Lower Upper

168 100

99 56.8 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

150000

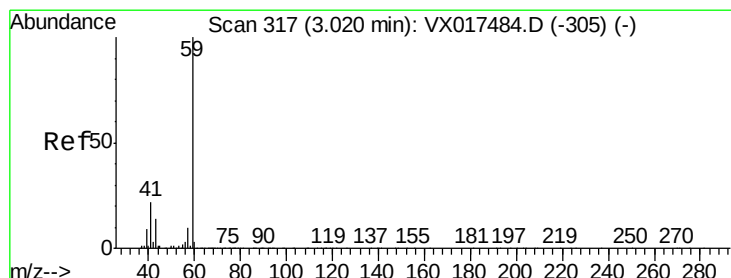
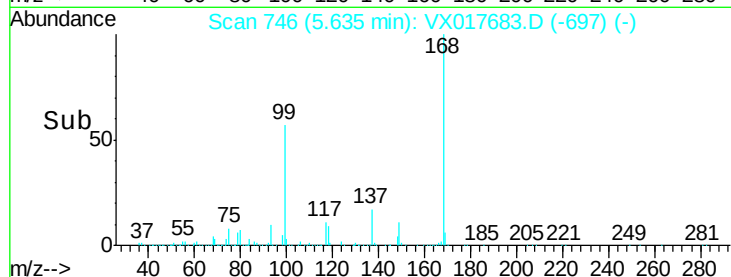
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 27.302 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX017683.D

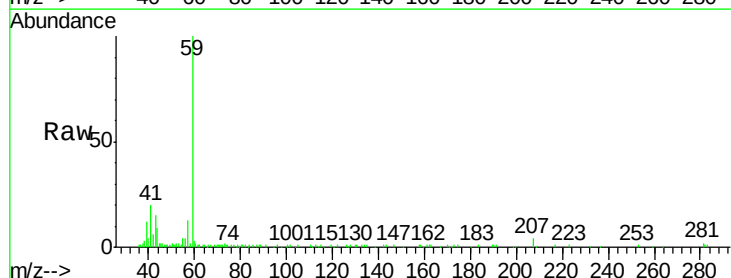
Acq: 30 Jul 2020 15:11

Tgt Ion: 59 Resp: 33451

Ion Ratio Lower Upper

59 100

57 15.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

15000

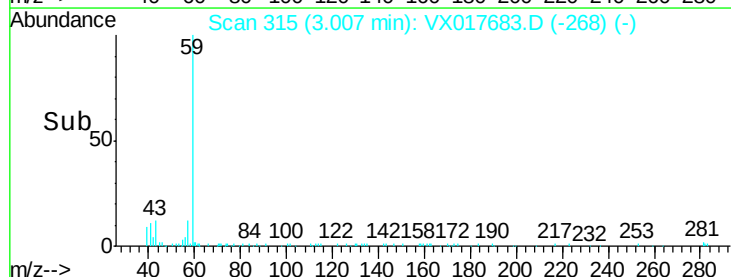
10000

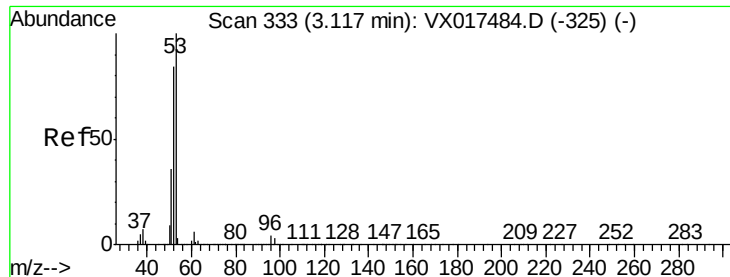
5000

0

Time-->

2.90 2.95 3.00 3.05 3.10





#15

Acrylonitrile

Concen: 3.024 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017683.D

Acq: 30 Jul 2020 15:11

Instrument :

MSVOA_X

ClientSampled :

OILY-WATER

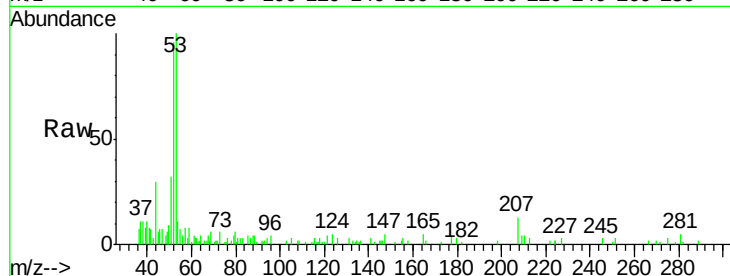
Tot Ion: 53 Resp: 8003

Ion Ratio Lower Upper

53 100

52 95.5 66.6 99.8

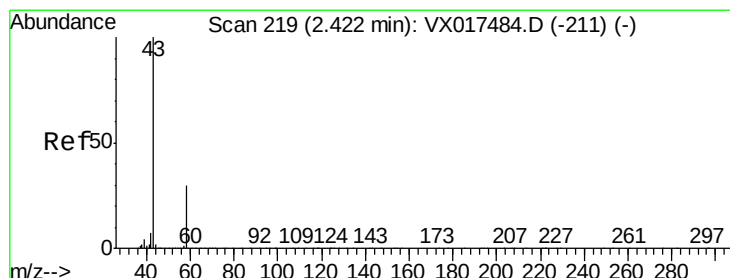
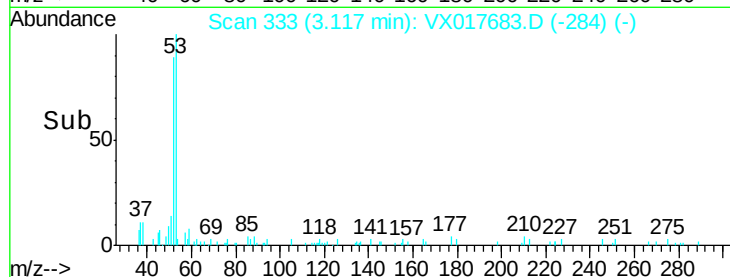
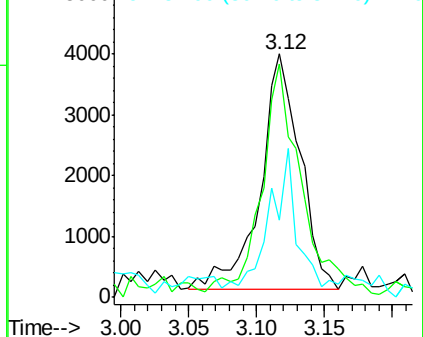
51 35.6 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 213.678 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017683.D

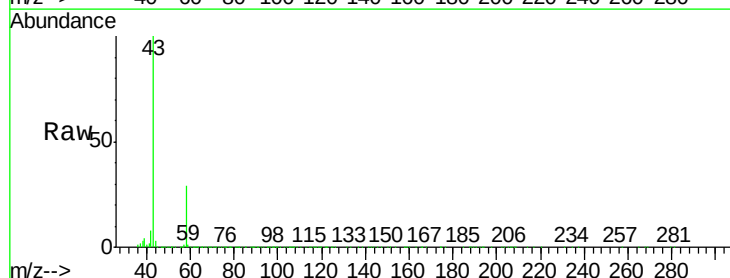
Acq: 30 Jul 2020 15:11

Tgt Ion: 43 Resp: 546729

Ion Ratio Lower Upper

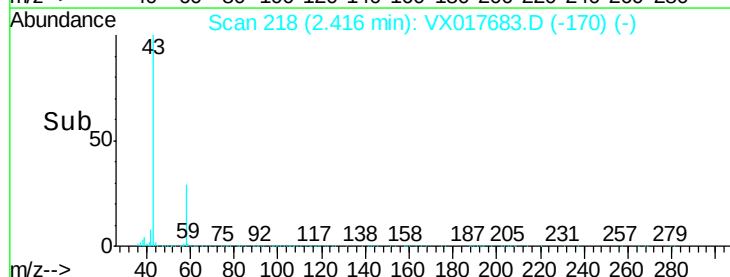
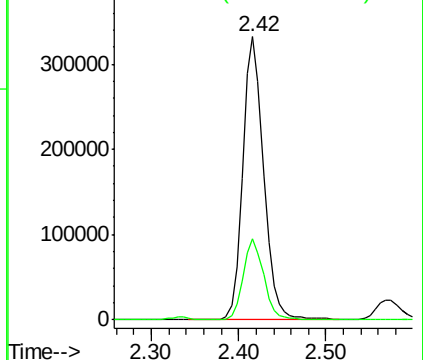
43 100

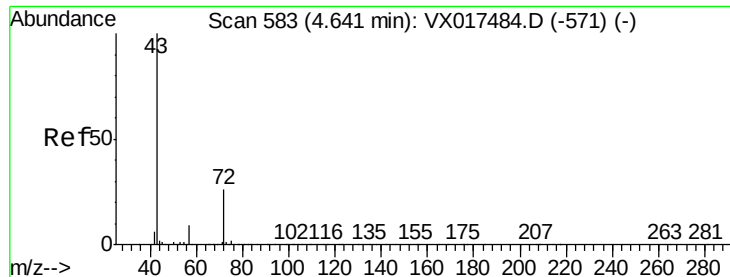
58 28.7 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 32.774 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017683.D

Acq: 30 Jul 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

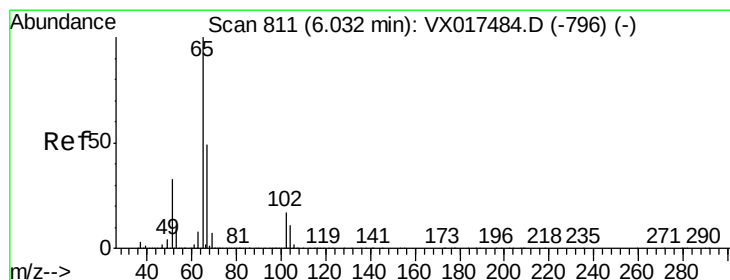
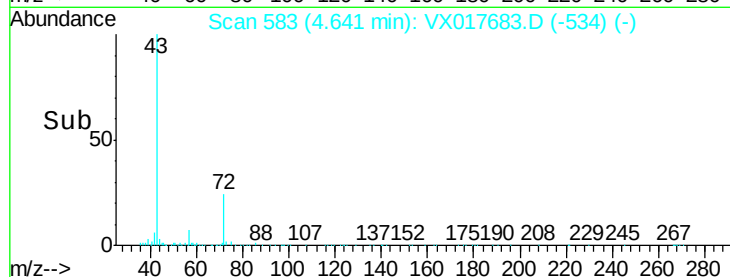
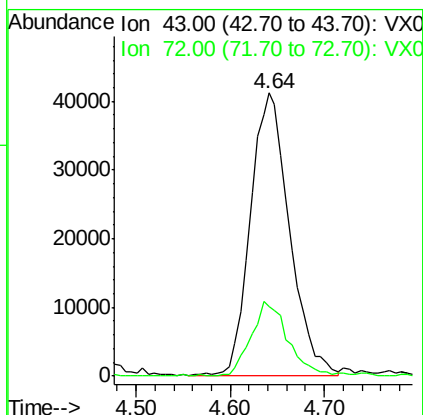
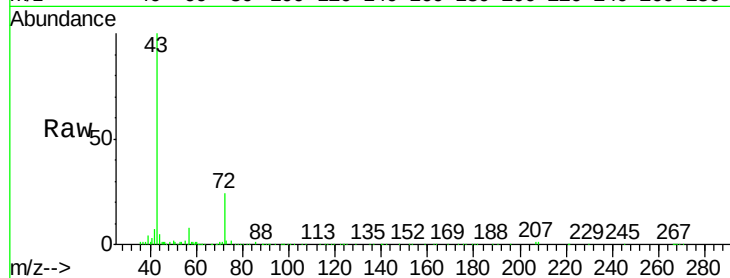
OILY-WATER

Tot Ion: 43 Resp: 119127

Ion Ratio Lower Upper

43 100

72 24.2 19.0 28.4



#33

1,2-Dichloroethane-d4

Concen: 52.508 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017683.D

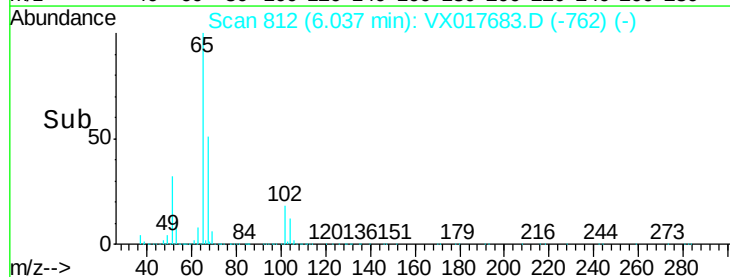
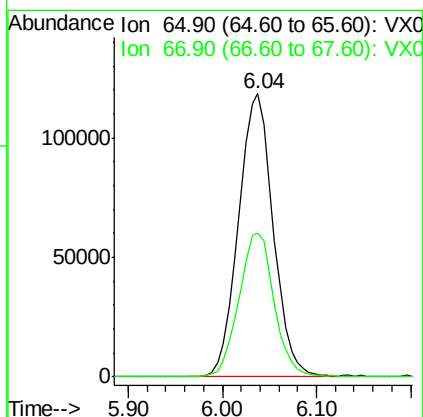
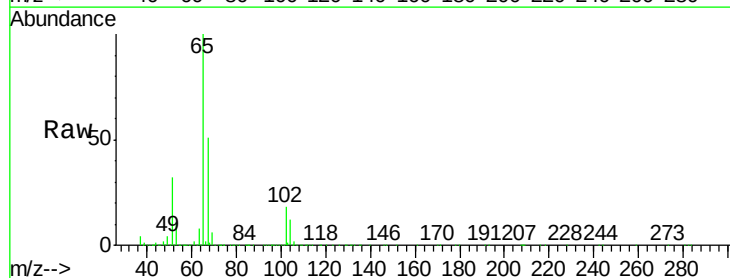
Acq: 30 Jul 2020 15:11

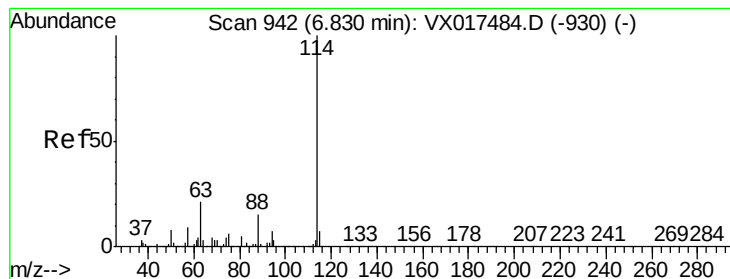
Tgt Ion: 65 Resp: 305250

Ion Ratio Lower Upper

65 100

67 51.7 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: VX017683.D

Acq: 30 Jul 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER

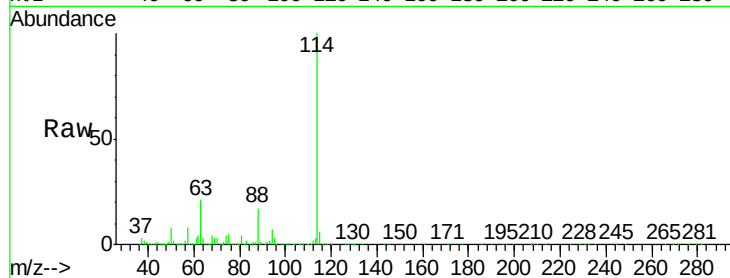
Tot Ion:114 Resp: 743068

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.6

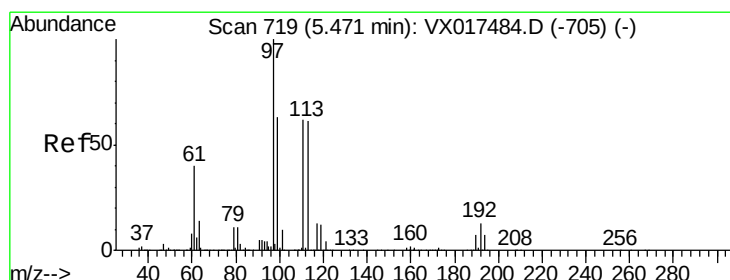
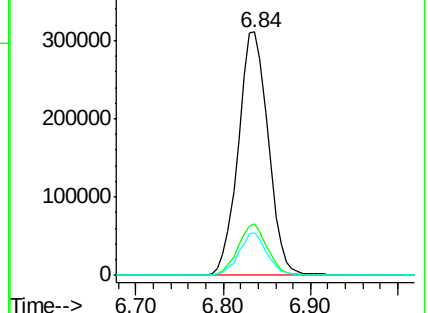
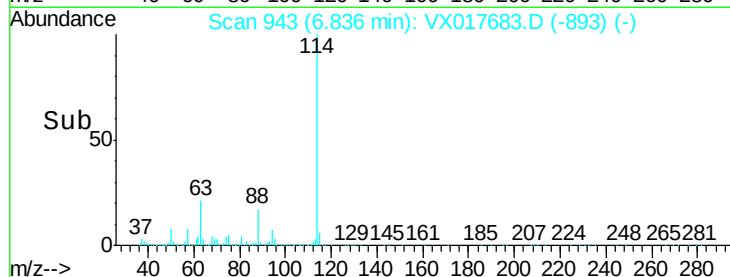
88 17.3 0.0 33.4



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: 51.632 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017683.D

Acq: 30 Jul 2020 15:11

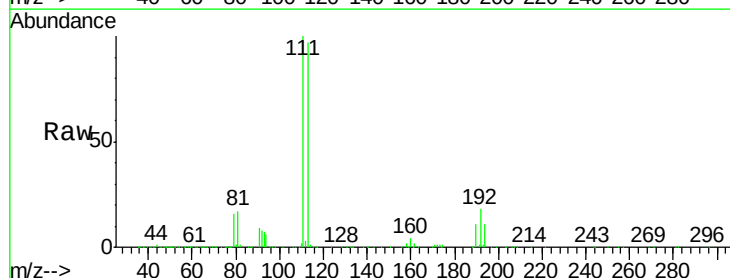
Tgt Ion:113 Resp: 256596

Ion Ratio Lower Upper

113 100

111 102.1 80.7 121.1

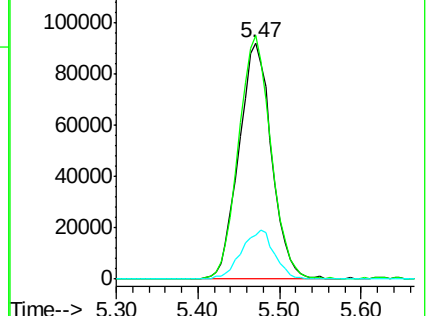
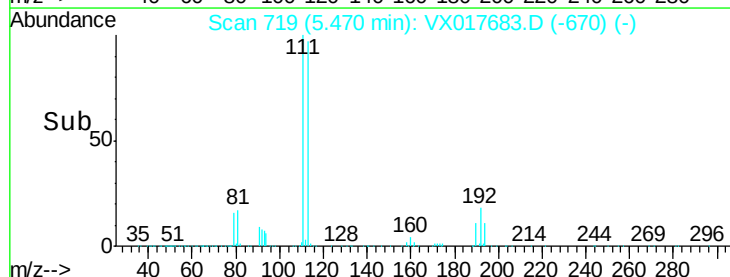
192 20.8 16.9 25.3

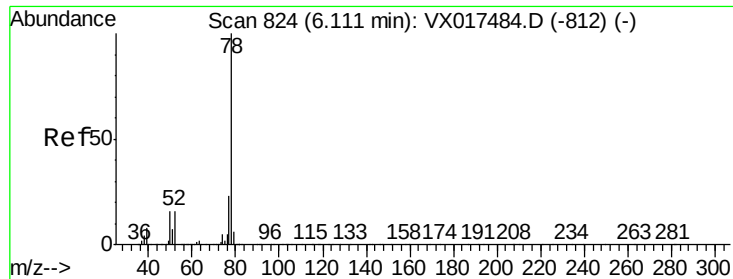


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.352 ug/l

RT: 6.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: VX017683.D

Acq: 30 Jul 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

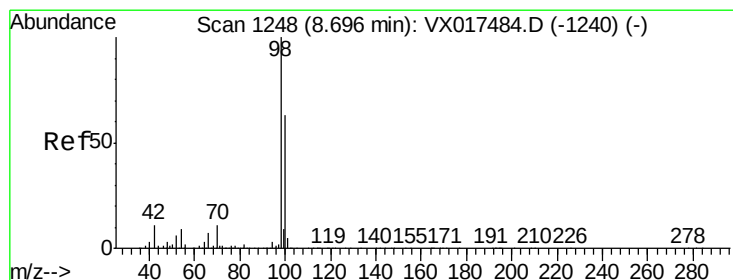
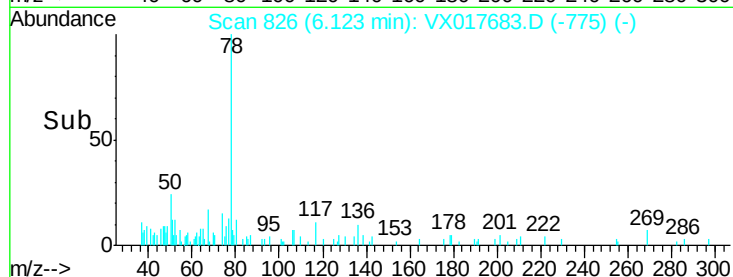
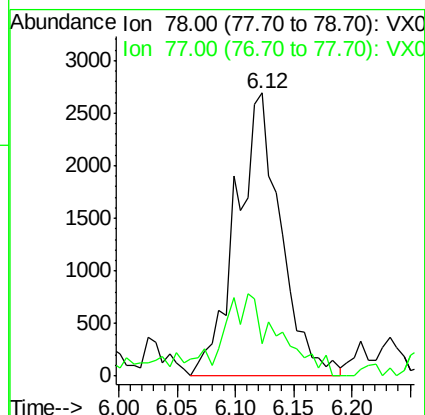
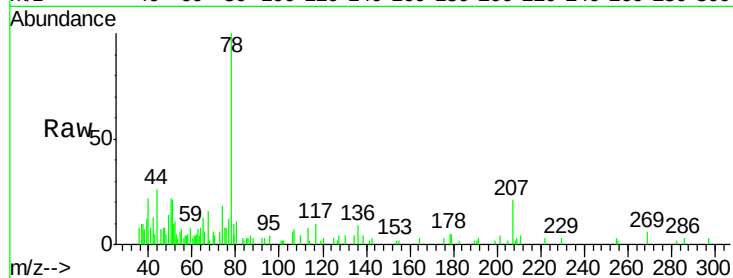
OILY-WATER

Tot Ion: 78 Resp: 7185

Ion Ratio Lower Upper

78 100

77 11.6 19.4 29.2#



#50

Toluene-d8

Concen: 52.662 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017683.D

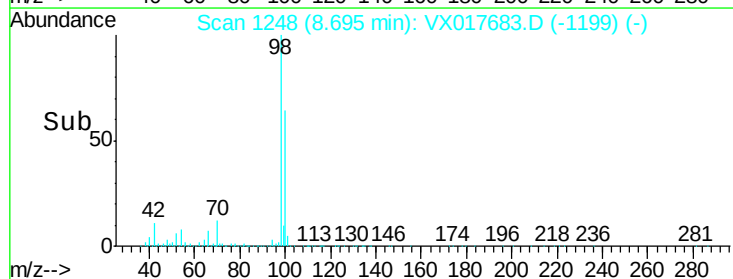
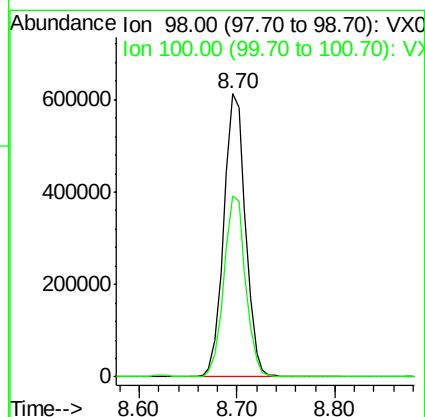
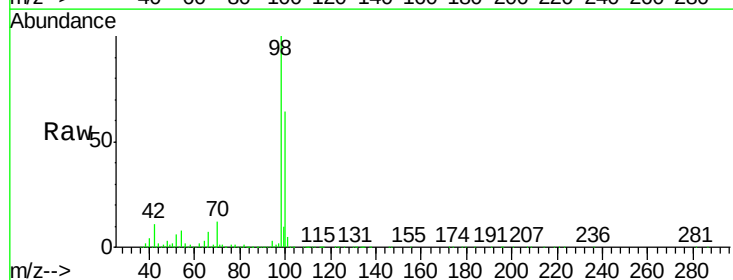
Acq: 30 Jul 2020 15:11

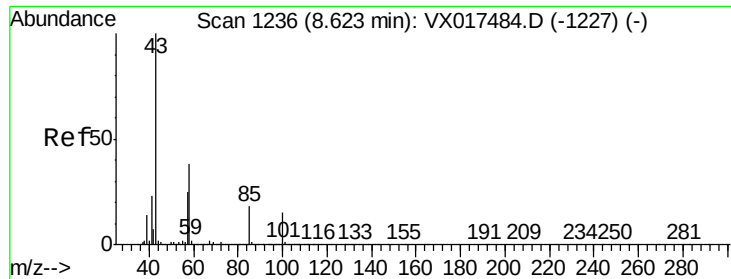
Tgt Ion: 98 Resp: 944127

Ion Ratio Lower Upper

98 100

100 63.7 52.3 78.5

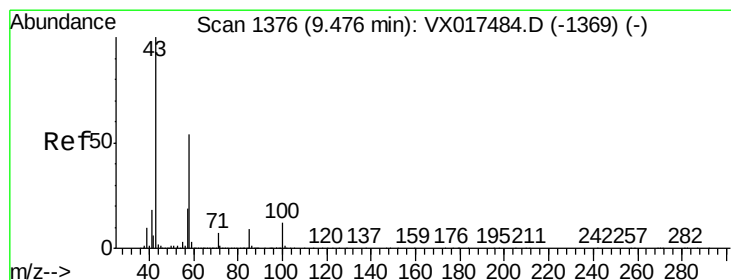
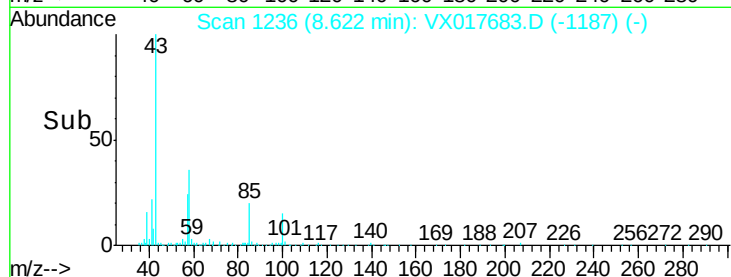
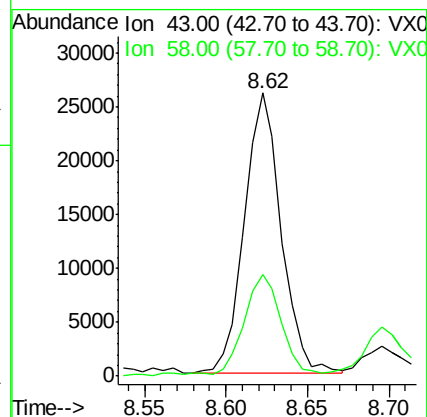
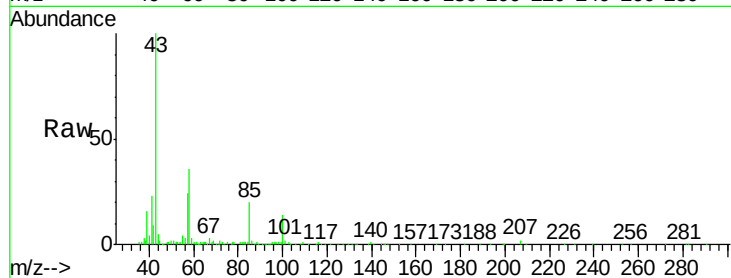




#51
 4-Methyl-2-Pentanone
 Concen: 5.309 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017683.D
 Acq: 30 Jul 2020 15:11

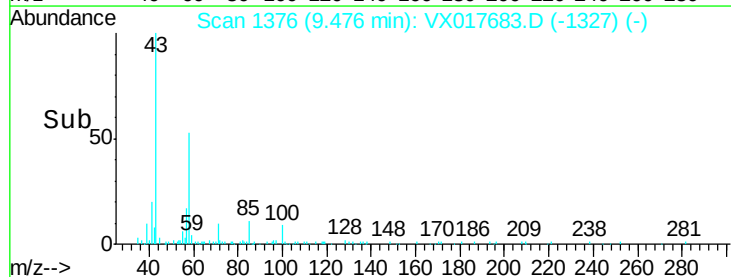
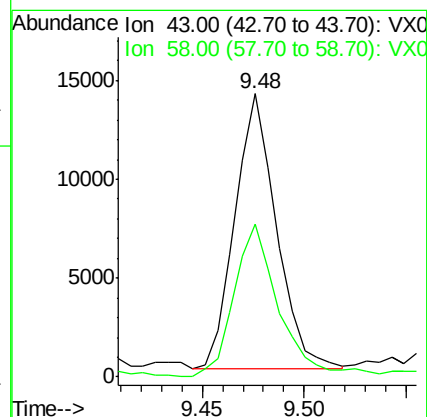
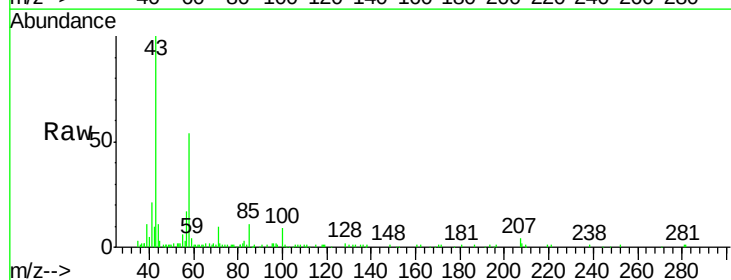
Instrument :
 MSVOA_X
 ClientSampled :
 OILY-WATER

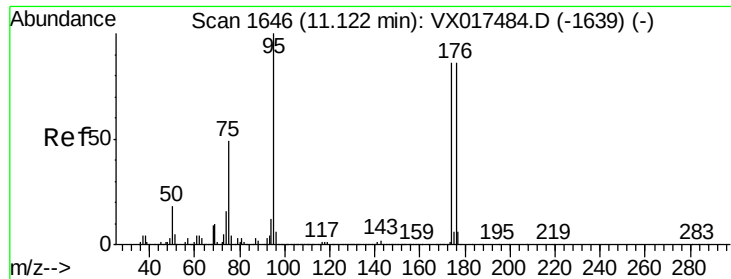
Tot Ion: 43 Resp: 40754
 Ion Ratio Lower Upper
 43 100
 58 36.7 31.0 46.4



#59
 2-Hexanone
 Concen: 3.400 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VX017683.D
 Acq: 30 Jul 2020 15:11

Tgt Ion: 43 Resp: 19651
 Ion Ratio Lower Upper
 43 100
 58 60.1 26.6 79.8





#62

4-Bromofluorobenzene

Concen: 58.748 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017683.D

Acq: 30 Jul 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER

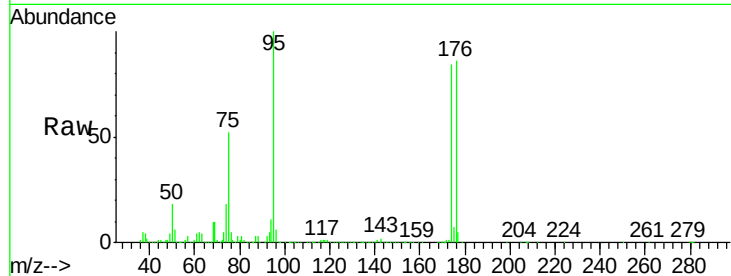
Tot Ion: 95 Resp: 421510

Ion Ratio Lower Upper

95 100

174 84.5 0.0 169.0

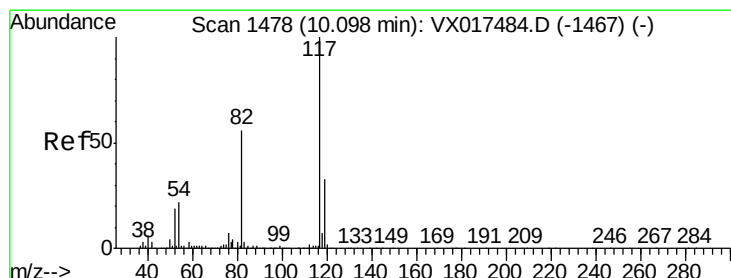
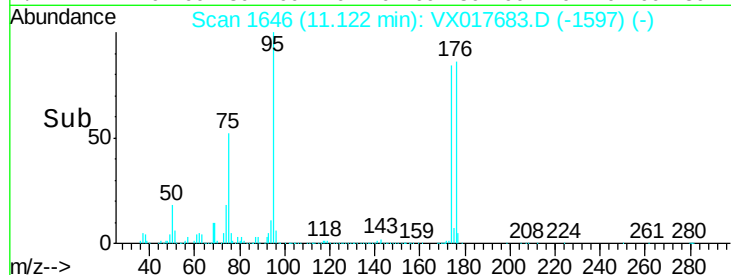
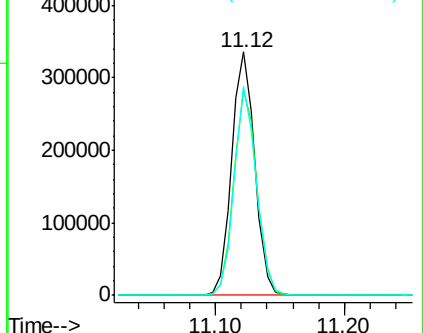
176 82.4 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017683.D

Acq: 30 Jul 2020 15:11

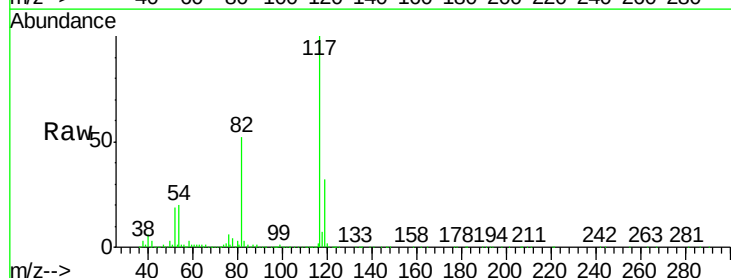
Tgt Ion: 117 Resp: 791101

Ion Ratio Lower Upper

117 100

82 52.5 44.0 66.0

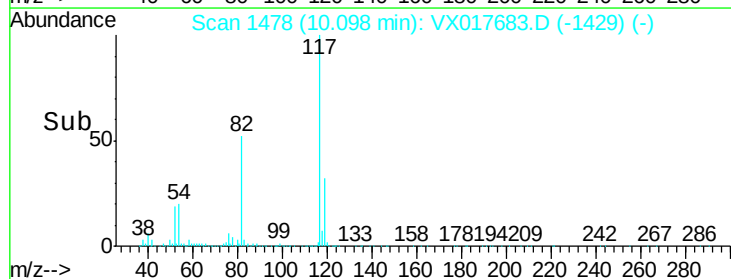
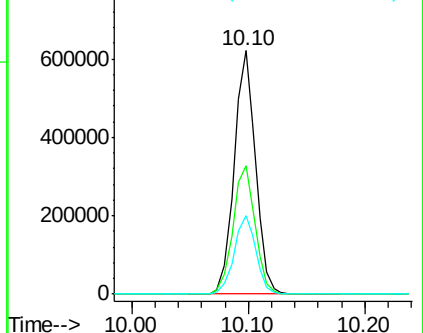
119 32.0 25.4 38.0

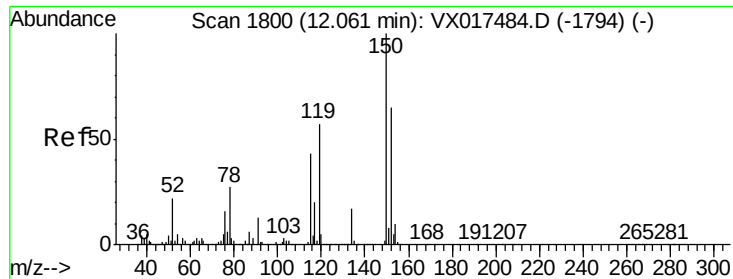


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

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: VX017683.D

Acq: 30 Jul 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER

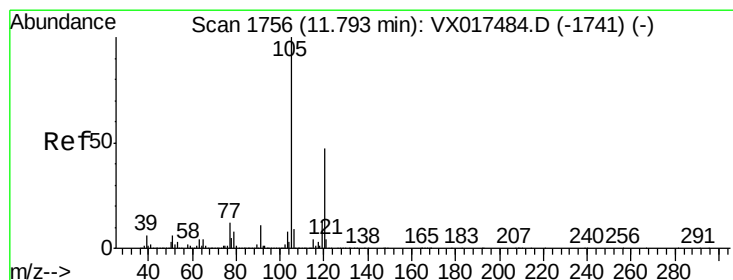
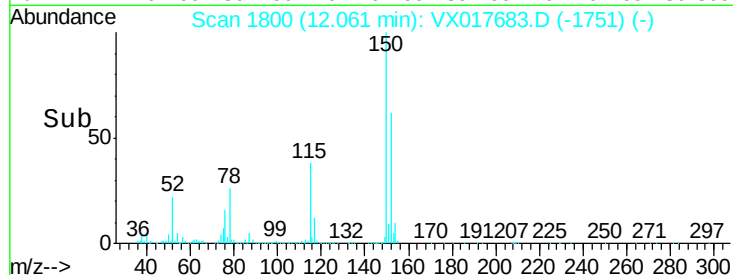
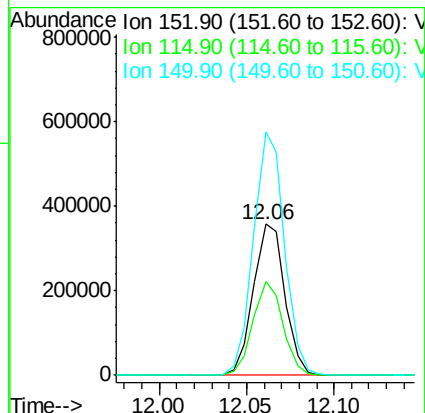
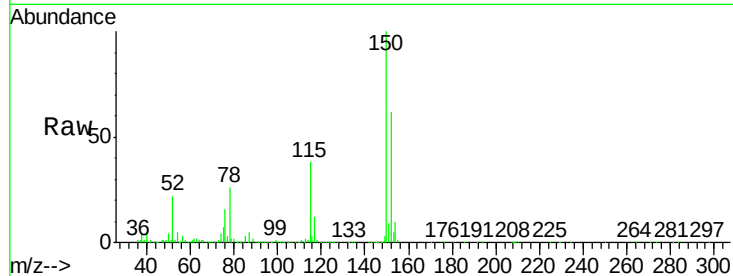
Tot Ion:152 Resp: 448008

Ion Ratio Lower Upper

152 100

115 59.2 65.5 196.6#

150 158.1 0.0 412.6



#84

1,2,4-Trimethylbenzene

Concen: 0.234 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017683.D

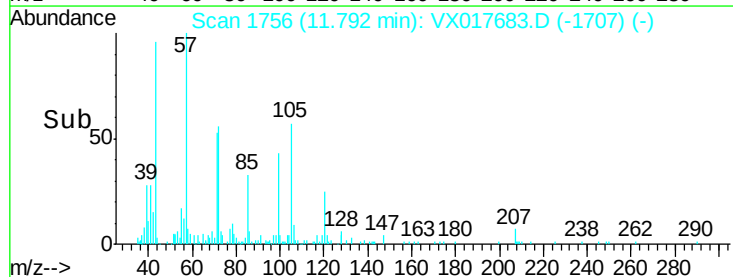
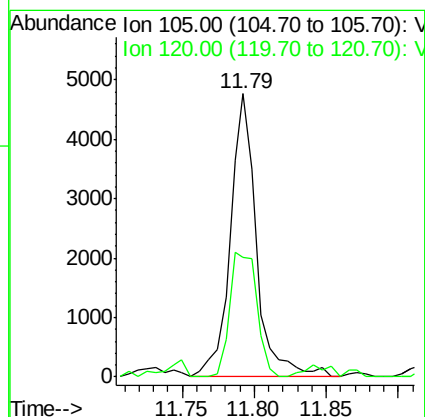
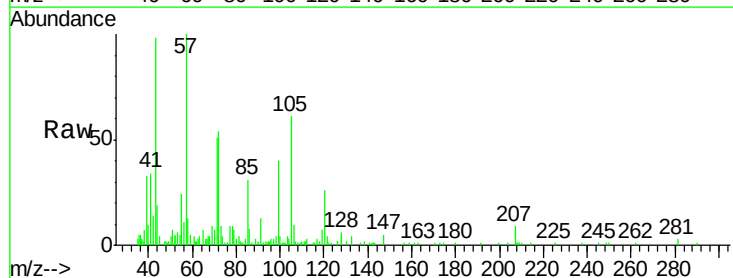
Acq: 30 Jul 2020 15:11

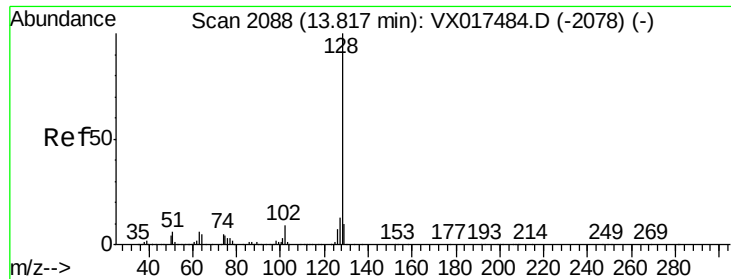
Tgt Ion:105 Resp: 6105

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.0





#95

Naphthalene

Concen: 0.206 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017683.D

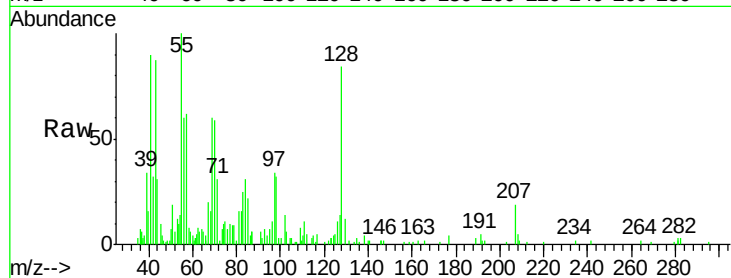
Acq: 30 Jul 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER



Tot Ion:128 Resp: 6107

Ion Ratio Lower Upper

128 100

127 18.2 10.4 15.6#

129 18.3 8.9 13.3#

