

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006304.D
 Acq On : 05 Dec 2018 16:51
 Operator : JC/MD
 Sample : J6243-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-WATER-B

Quant Time: Dec 06 01:04:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

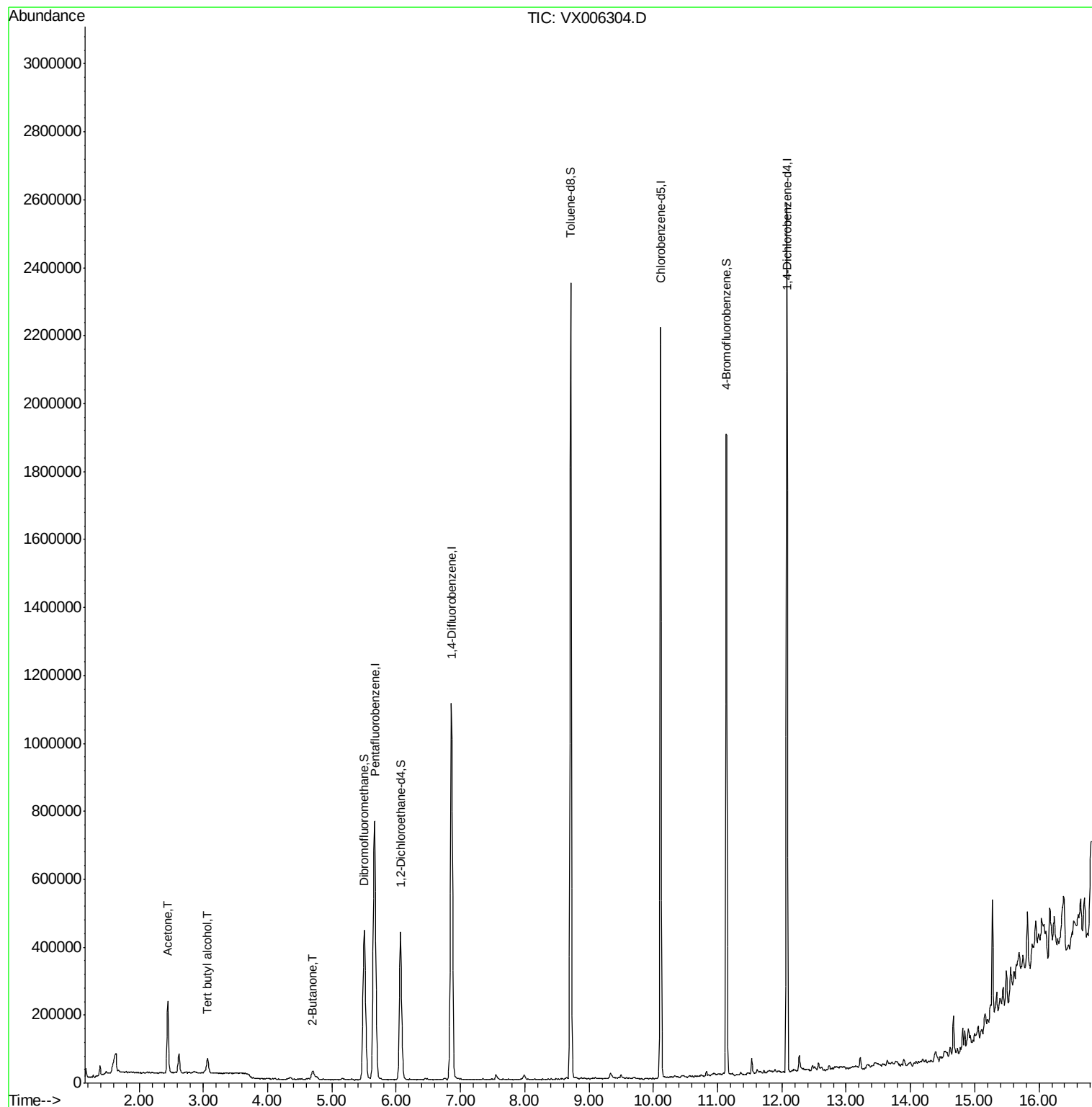
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	801033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1213594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1106304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	548929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	402994	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
35) Dibromofluoromethane	5.51	113	384801	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	8.71	98	1424680	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	524304	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	61106	27.325	ug/l	99
16) Acetone	2.45	43	224871	58.598	ug/l	96
25) 2-Butanone	4.70	43	46616	8.513	ug/l	98

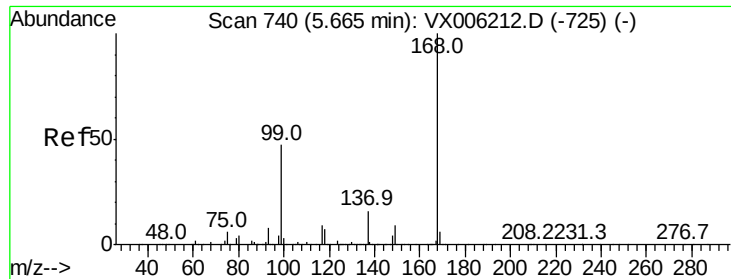
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006304.D

Acq: 05 Dec 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

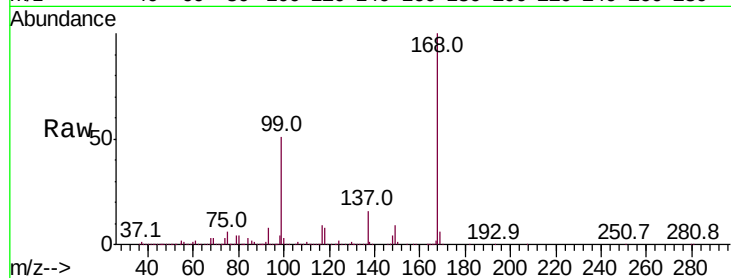
OILY-WATER-B

Tot Ion:168 Resp: 801033

Ion Ratio Lower Upper

168 100

99 51.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

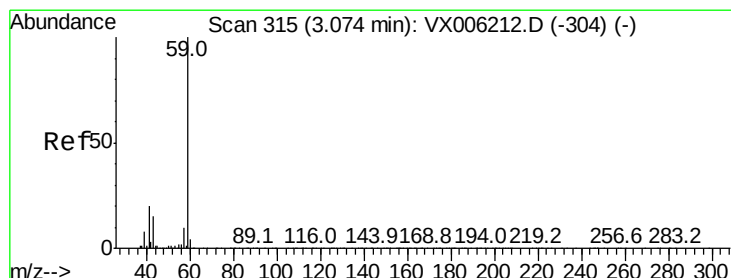
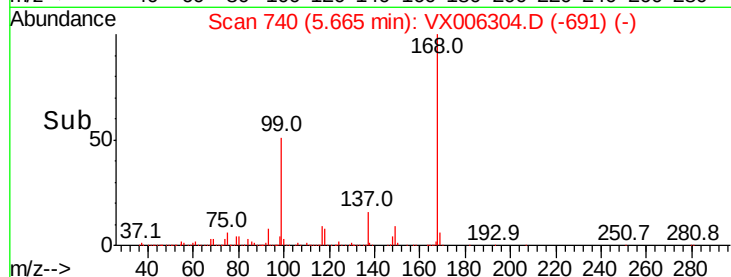
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 27.325 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006304.D

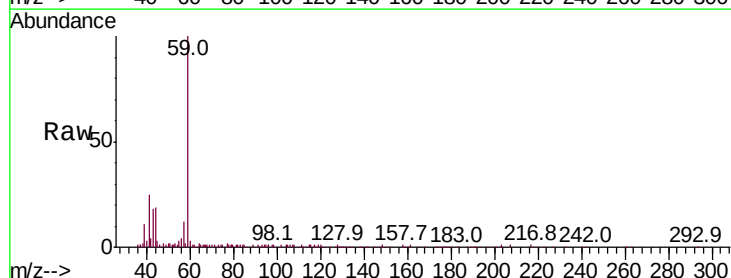
Acq: 05 Dec 2018 16:51

Tgt Ion: 59 Resp: 61106

Ion Ratio Lower Upper

59 100

57 10.7 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

25000

20000

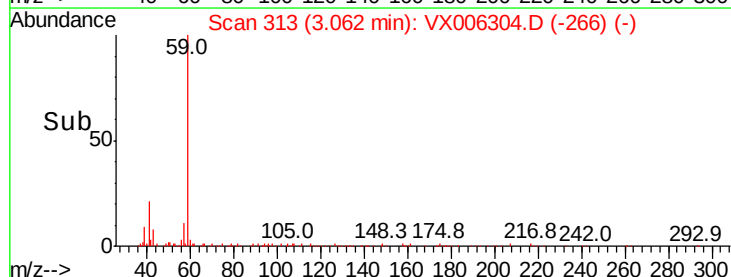
15000

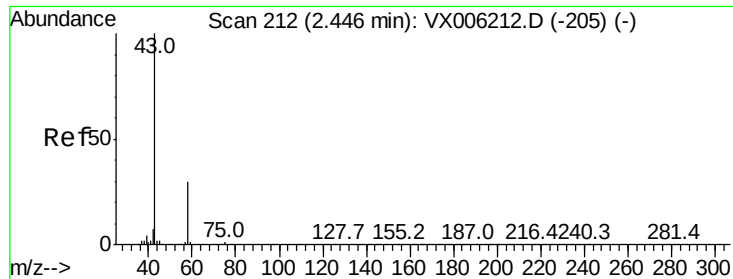
10000

5000

0

Time-->





#16

Acetone

Concen: 58.598 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006304.D

Acq: 05 Dec 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

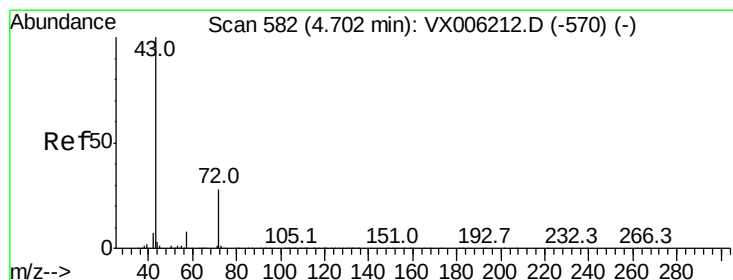
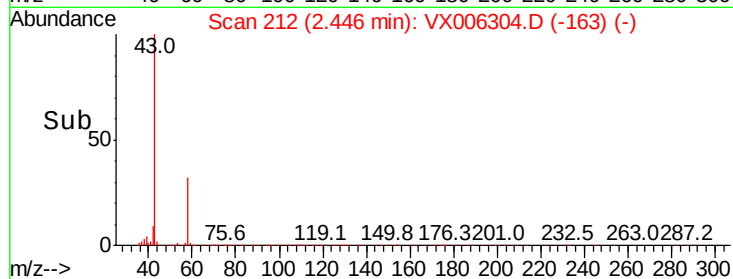
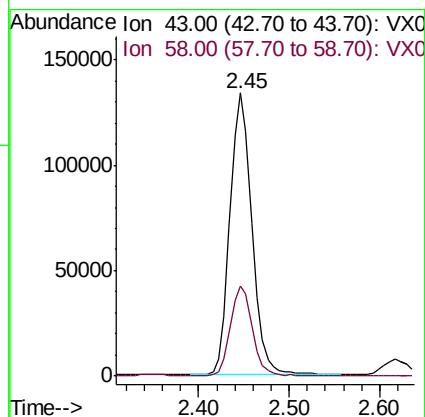
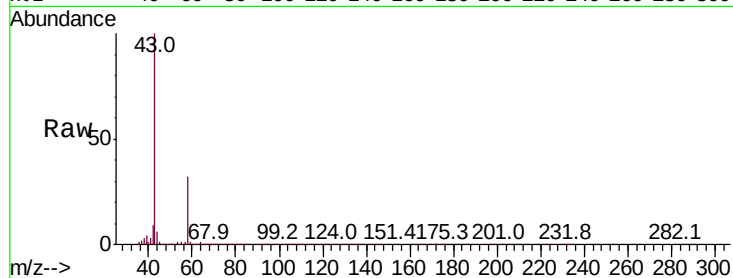
OILY-WATER-B

Tot Ion: 43 Resp: 224871

Ion Ratio Lower Upper

43 100

58 32.1 24.0 36.0



#25

2-Butanone

Concen: 8.513 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006304.D

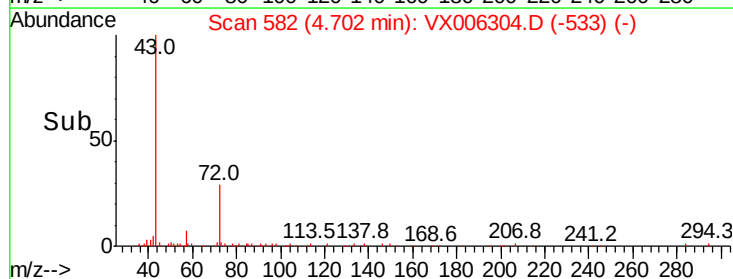
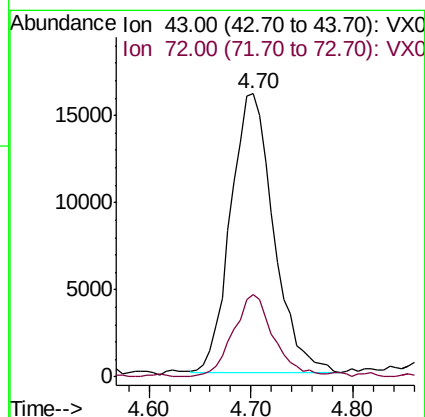
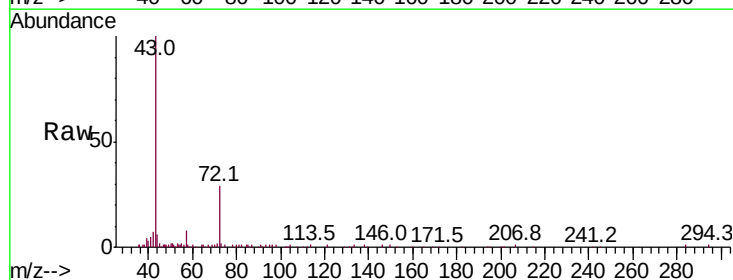
Acq: 05 Dec 2018 16:51

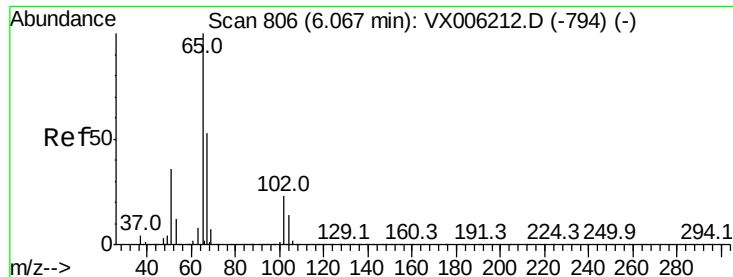
Tgt Ion: 43 Resp: 46616

Ion Ratio Lower Upper

43 100

72 29.4 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 49.282 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006304.D

Acq: 05 Dec 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

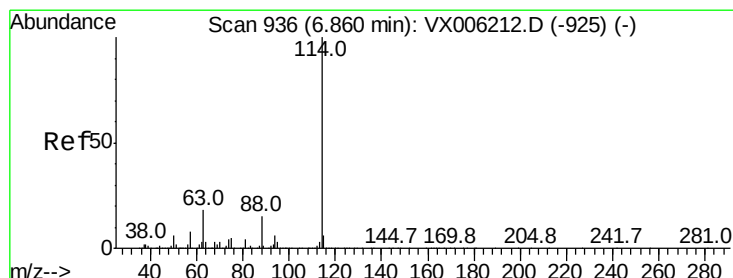
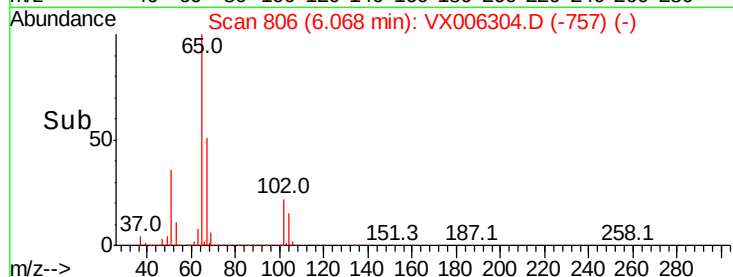
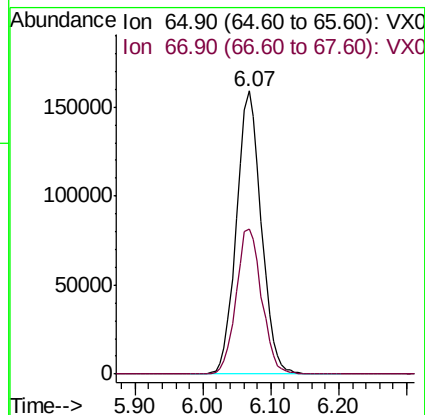
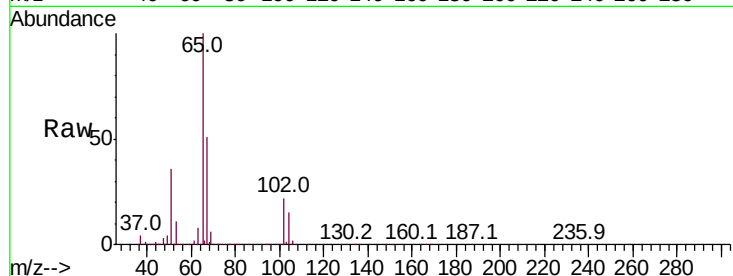
OILY-WATER-B

Tot Ion: 65 Resp: 402994

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006304.D

Acq: 05 Dec 2018 16:51

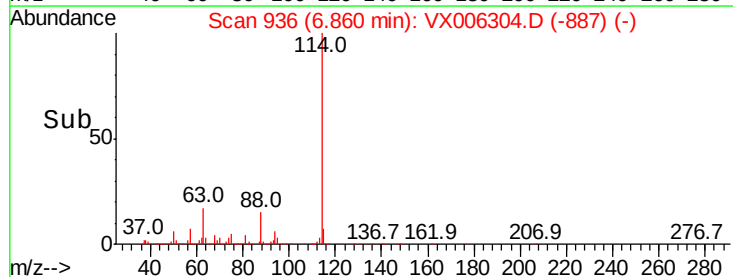
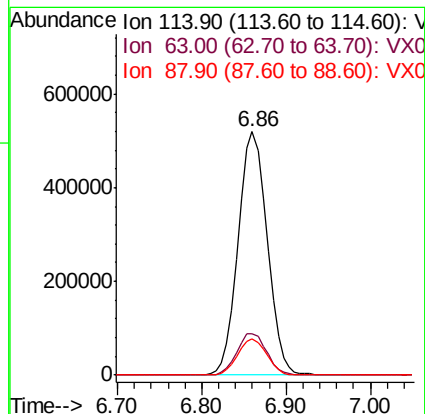
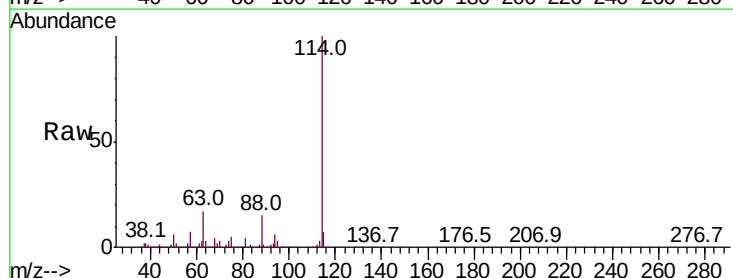
Tgt Ion: 114 Resp: 1213594

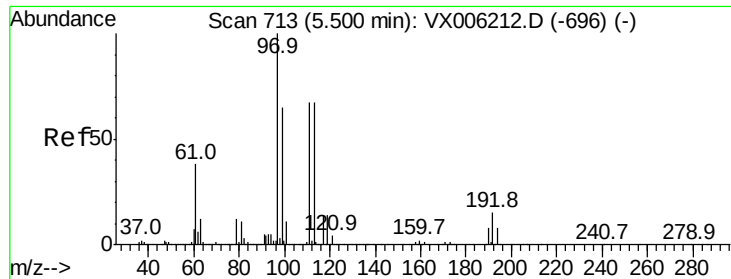
Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.972 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006304.D

Acq: 05 Dec 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER-B

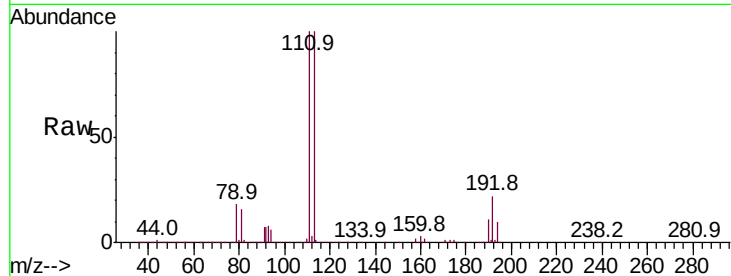
Tot Ion:113 Resp: 384801

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

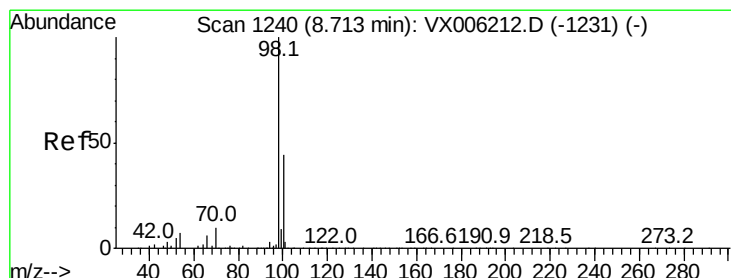
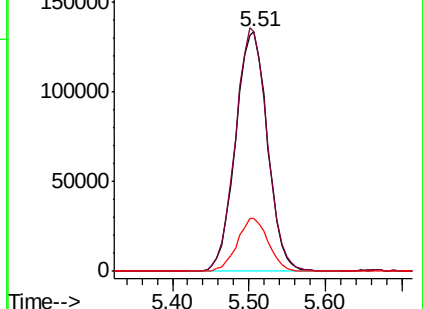
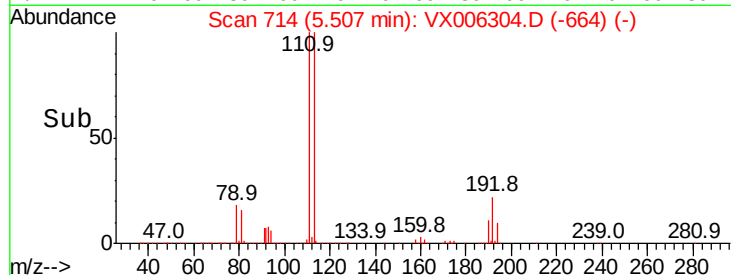
192 21.6 18.2 27.2



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: 49.847 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006304.D

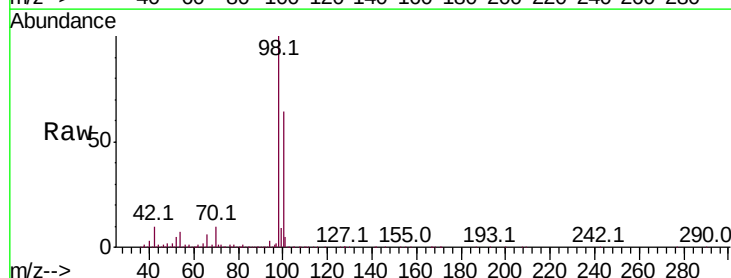
Acq: 05 Dec 2018 16:51

Tgt Ion: 98 Resp: 1424680

Ion Ratio Lower Upper

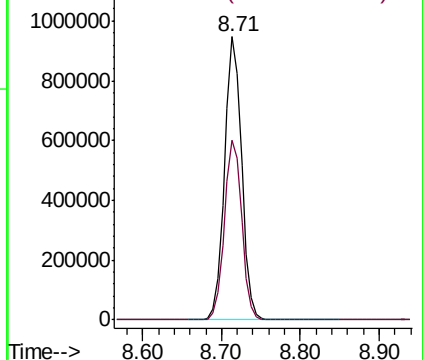
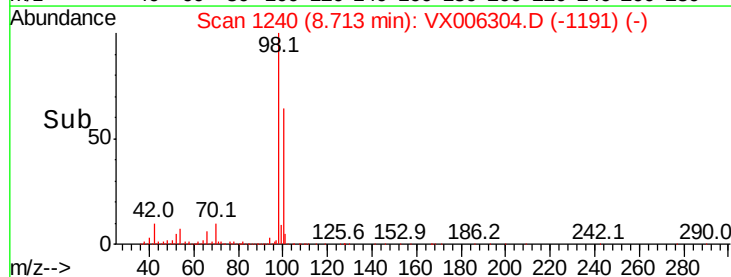
98 100

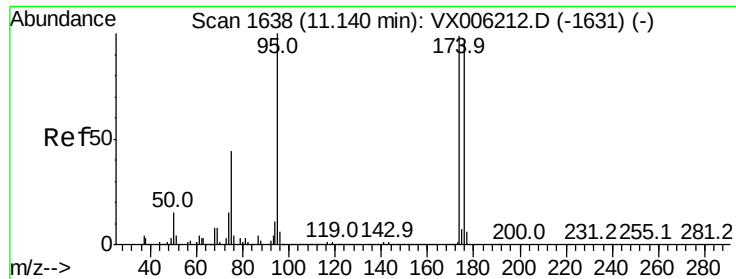
100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.681 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006304.D

Acq: 05 Dec 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER-B

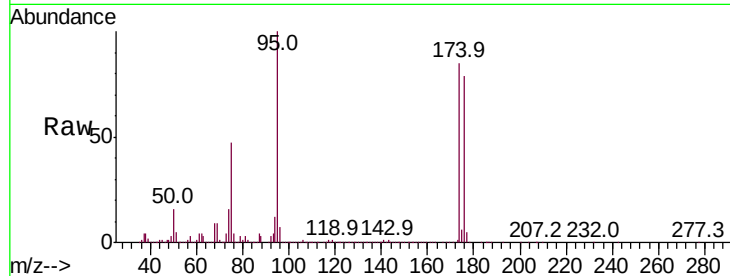
Tot Ion: 95 Resp: 524304

Ion Ratio Lower Upper

95 100

174 90.2 0.0 187.0

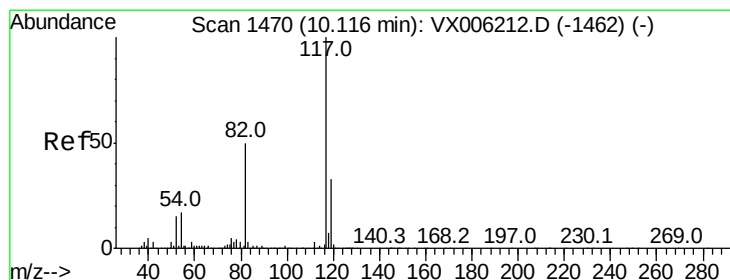
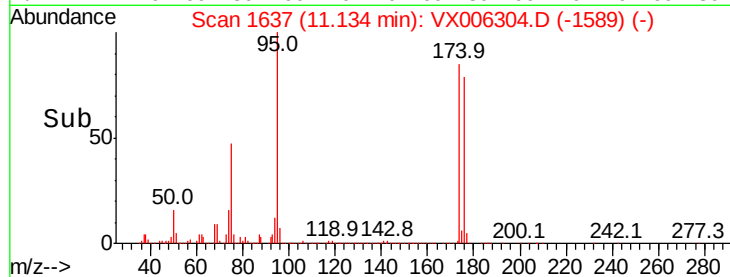
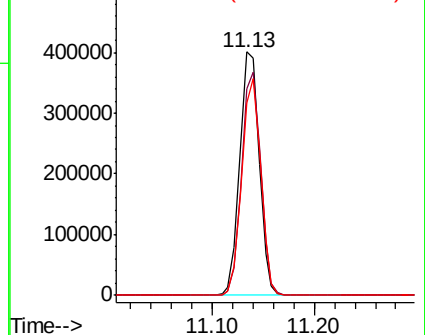
176 87.2 0.0 181.8



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: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006304.D

Acq: 05 Dec 2018 16:51

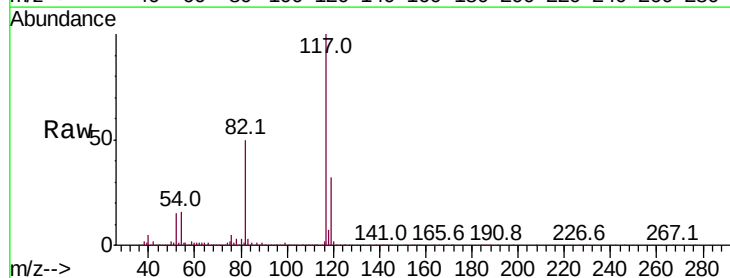
Tgt Ion: 117 Resp: 1106304

Ion Ratio Lower Upper

117 100

82 49.6 39.6 59.4

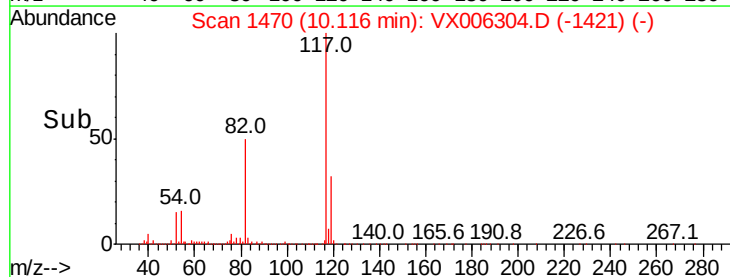
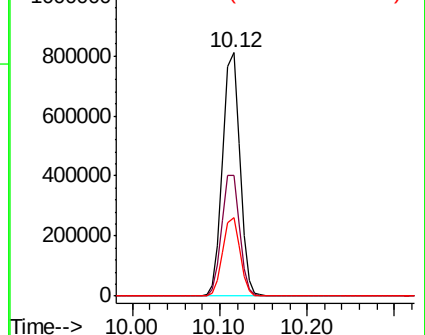
119 32.1 26.3 39.5

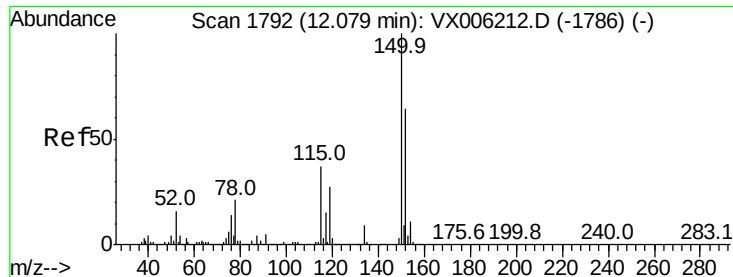


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006304.D

Acq: 05 Dec 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

OILY-WATER-B

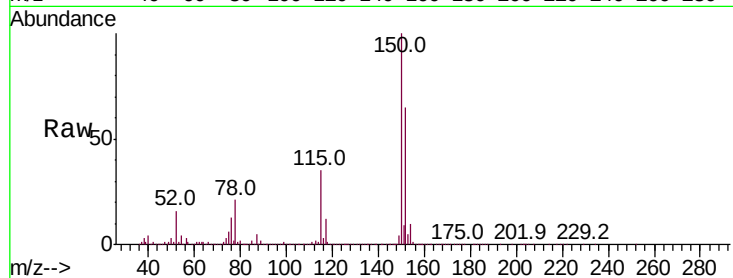
Tot Ion:152 Resp: 548929

Ion Ratio Lower Upper

152 100

115 55.5 39.0 116.9

150 155.5 0.0 345.8



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

