

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025783.D
 Acq On : 01 Aug 2018 17:53
 Operator : MD/SY
 Sample : J4284-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OILY-WATER

Quant Time: Aug 02 05:07:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

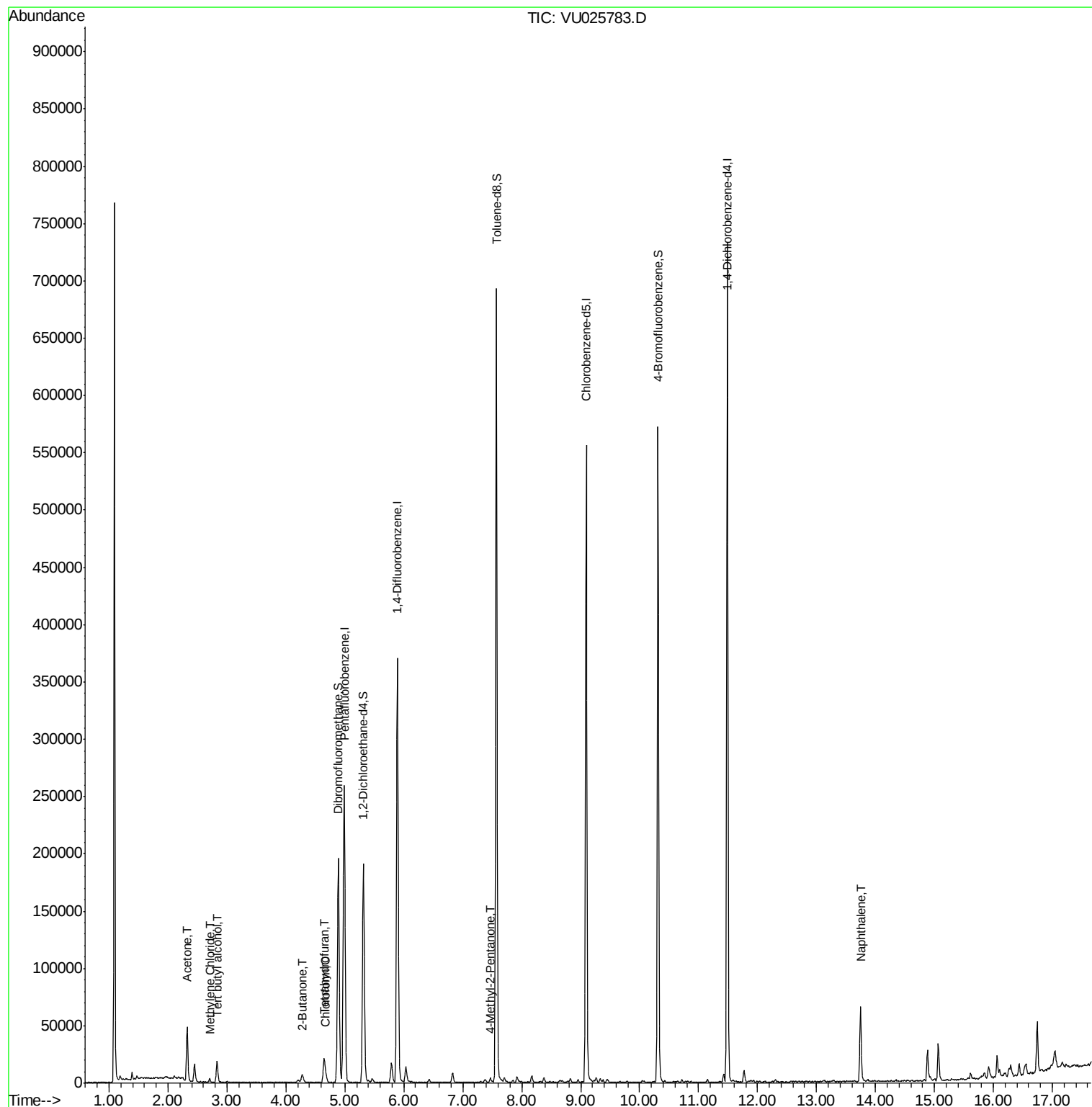
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	202811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	318914	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	313988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	193770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	153646	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
35) Dibromofluoromethane	4.89	113	132065	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
50) Toluene-d8	7.57	98	467672	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	10.31	95	181623	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.83	59	20515	29.652	ug/l	98
16) Acetone	2.33	43	50324	32.664	ug/l	97
20) Methylene Chloride	2.71	84	1299	0.476	ug/l #	85
25) 2-Butanone	4.27	43	11725	5.591	ug/l #	89
29) Tetrahydrofuran	4.65	42	16729	13.314	ug/l	96
30) Chloroform	4.68	83	3250	0.665	ug/l	87
51) 4-Methyl-2-Pentanone	7.47	43	2625	0.657	ug/l	98
95) Naphthalene	13.75	128	56453	5.076	ug/l	99

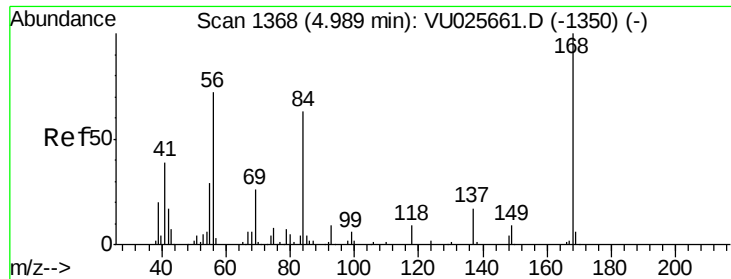
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU025783.D
Acq On : 01 Aug 2018 17:53
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 16:07:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025783.D

Acq: 01 Aug 2018 17:53

Instrument :

MSVOA_U

ClientSampleId :

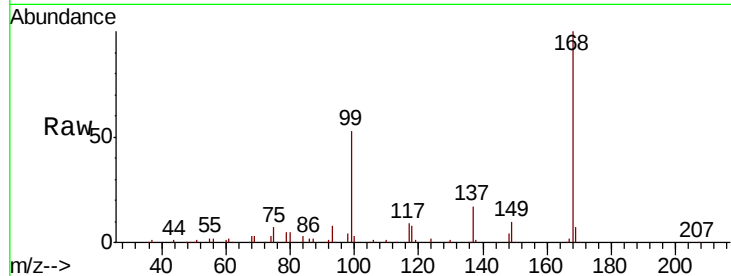
OILY-WATER

Tot Ion:168 Resp: 202811

Ion Ratio Lower Upper

168 100

99 52.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)

4.99

100000

80000

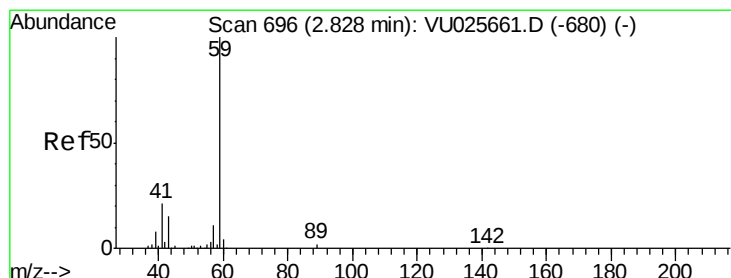
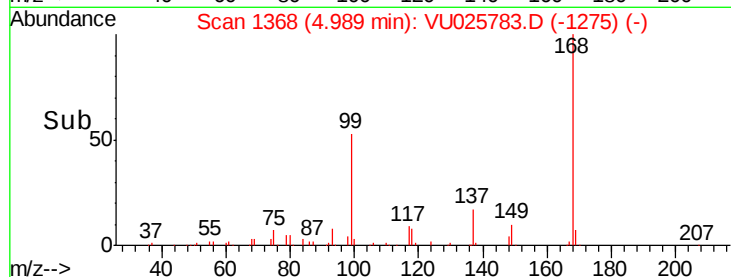
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 29.652 ug/l

RT: 2.83 min Scan# 697

Delta R.T. 0.00 min

Lab File: VU025783.D

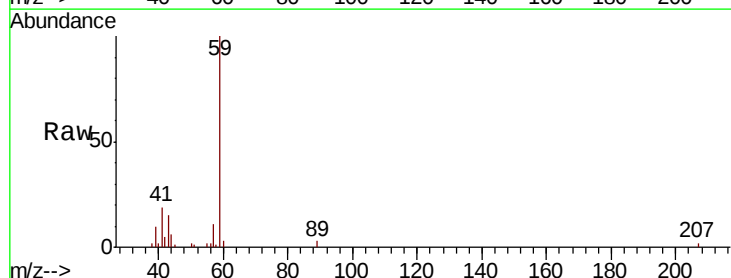
Acq: 01 Aug 2018 17:53

Tgt Ion: 59 Resp: 20515

Ion Ratio Lower Upper

59 100

57 11.0 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VU025661.D (-680) (-)

Ion 57.00 (56.70 to 57.70): VU025661.D (-680) (-)

2.83

12000

10000

8000

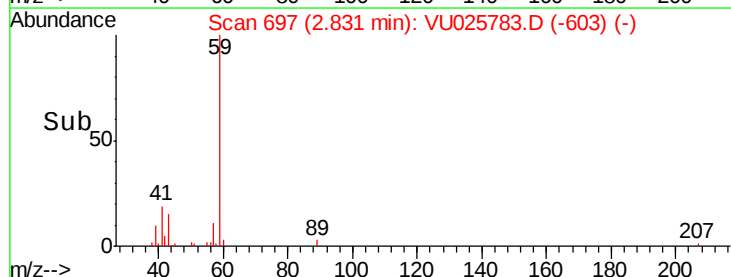
6000

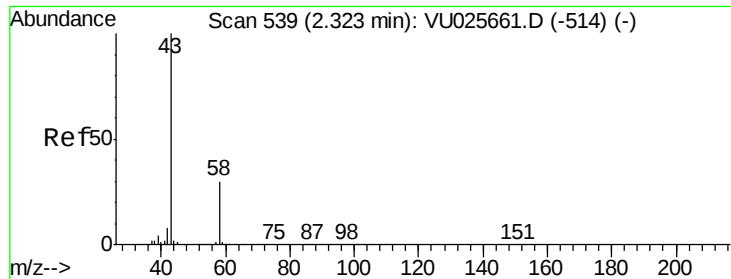
4000

2000

0

Time-->





#16

Acetone

Concen: 32.664 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU025783.D

Acq: 01 Aug 2018 17:53

Instrument :

MSVOA_U

ClientSampleId :

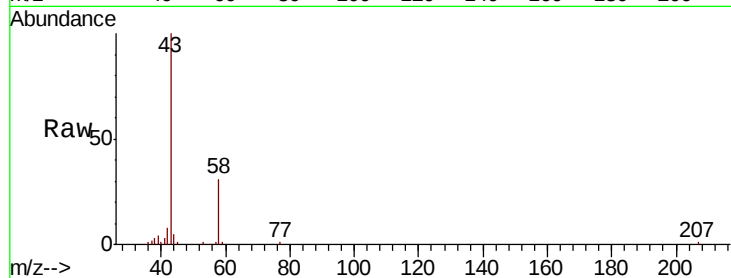
OILY-WATER

Tot Ion: 43 Resp: 50324

Ion Ratio Lower Upper

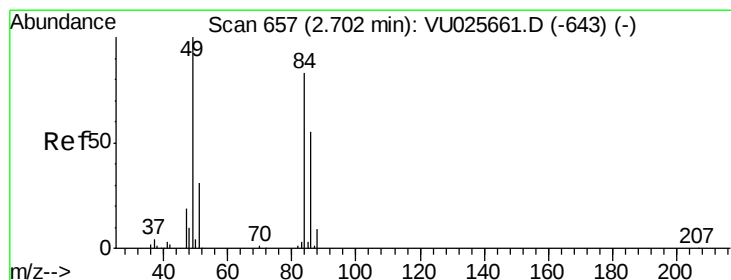
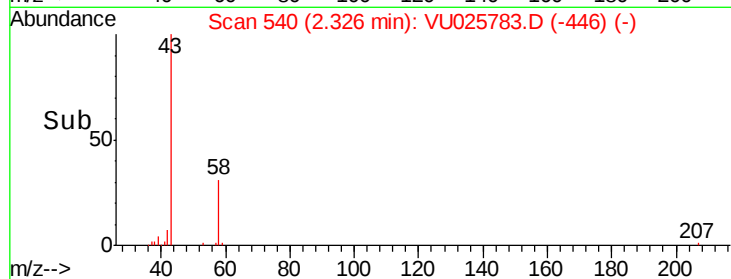
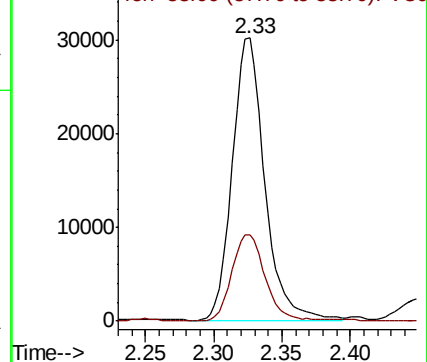
43 100

58 30.7 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-514) (-)

Ion 58.00 (57.70 to 58.70): VU025661.D (-514) (-)



#20

Methylene Chloride

Concen: 0.476 ug/l

RT: 2.71 min Scan# 659

Delta R.T. 0.01 min

Lab File: VU025783.D

Acq: 01 Aug 2018 17:53

Tgt Ion: 84 Resp: 1299

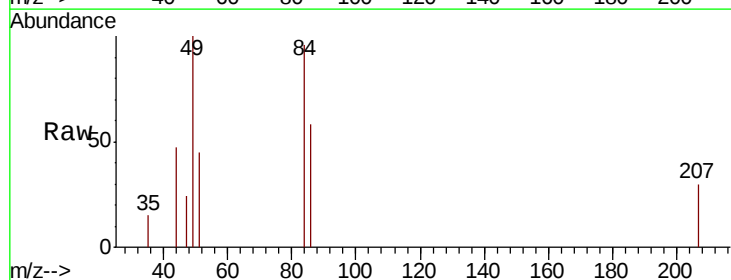
Ion Ratio Lower Upper

84 100

49 103.9 101.8 152.6

51 46.4 30.8 46.2#

86 60.5 51.9 77.9

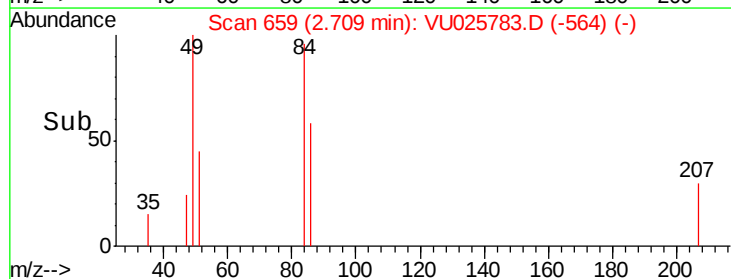
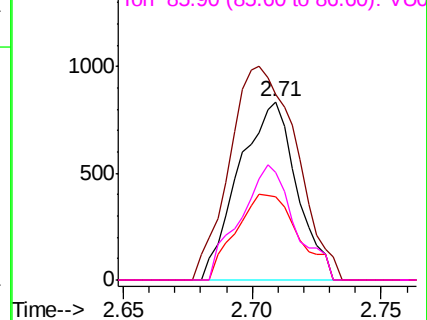


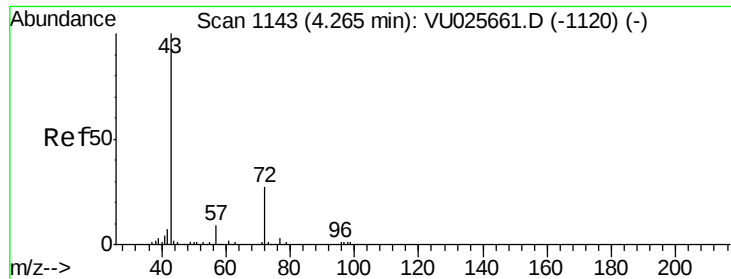
Abundance Ion 83.90 (83.60 to 84.60): VU025661.D (-643) (-)

Ion 48.90 (48.60 to 49.60): VU025661.D (-643) (-)

Ion 50.90 (50.60 to 51.60): VU025661.D (-643) (-)

Ion 85.90 (85.60 to 86.60): VU025661.D (-643) (-)

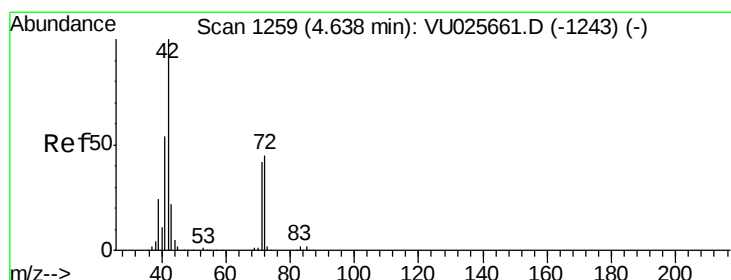
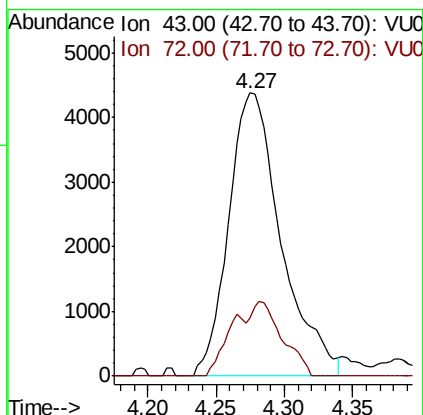
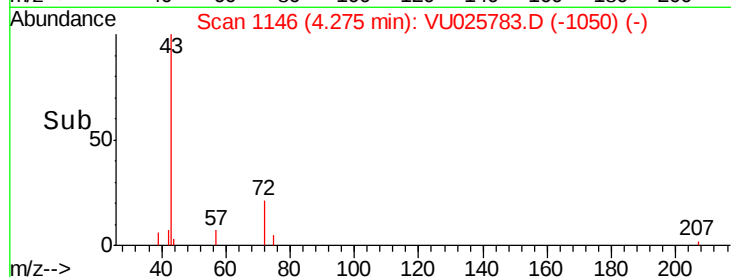
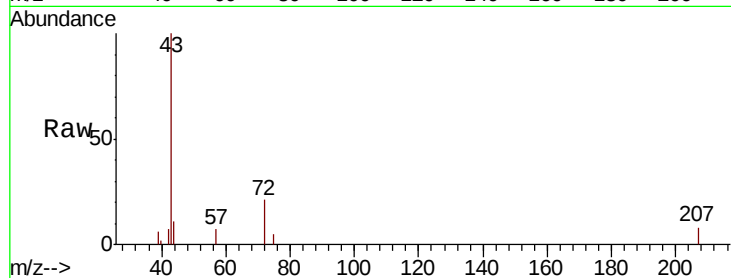




#25
2-Butanone
Concen: 5.591 ug/l
RT: 4.27 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VU025783.D
Acq: 01 Aug 2018 17:53

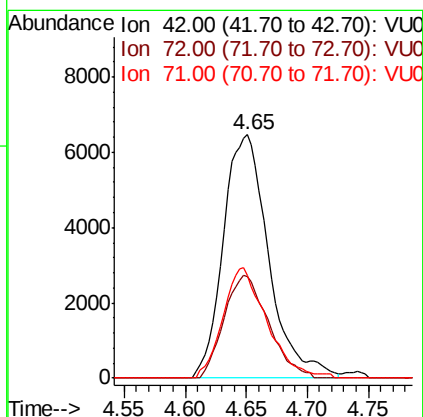
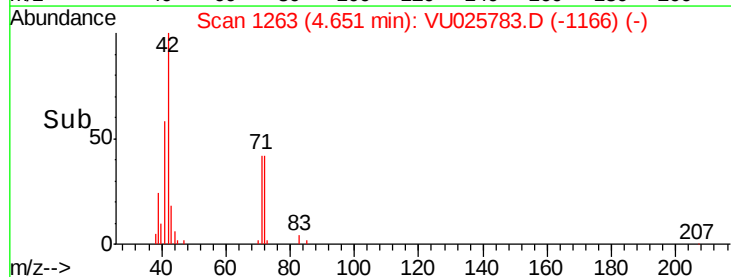
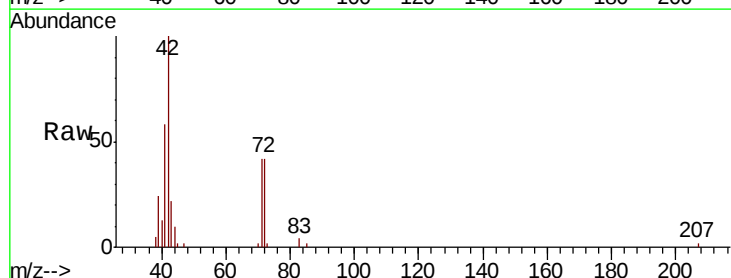
Instrument :
MSVOA_U
ClientSampleId :
OILY-WATER

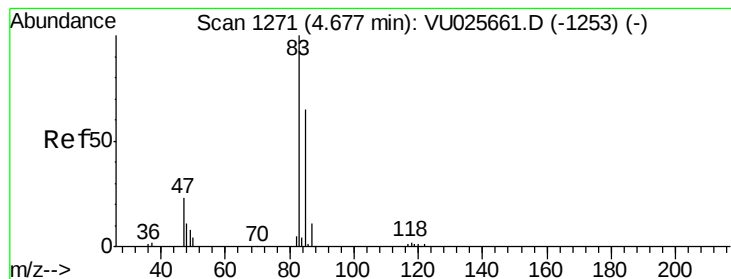
Tot Ion: 43 Resp: 11725
Ion Ratio Lower Upper
43 100
72 20.7 21.0 31.4#



#29
Tetrahydrofuran
Concen: 13.314 ug/l
RT: 4.65 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VU025783.D
Acq: 01 Aug 2018 17:53

Tgt Ion: 42 Resp: 16729
Ion Ratio Lower Upper
42 100
72 41.2 36.7 55.1
71 43.4 33.9 50.9





#30

Chloroform

Concen: 0.665 ug/l

RT: 4.68 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VU025783.D

Acq: 01 Aug 2018 17:53

Instrument :

MSVOA_U

ClientSampleId :

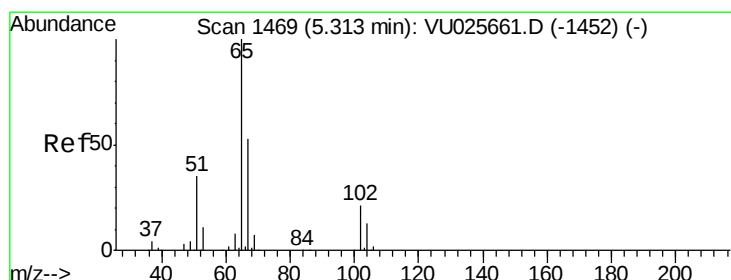
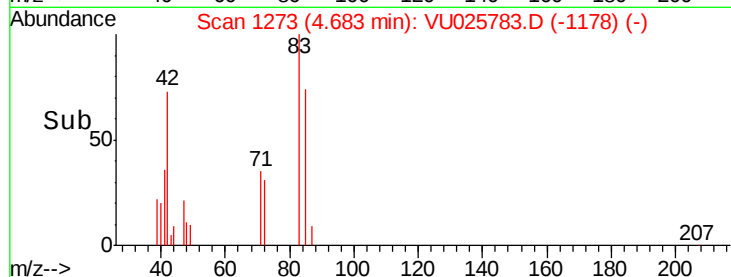
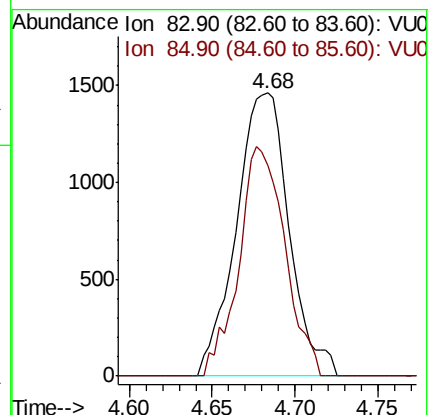
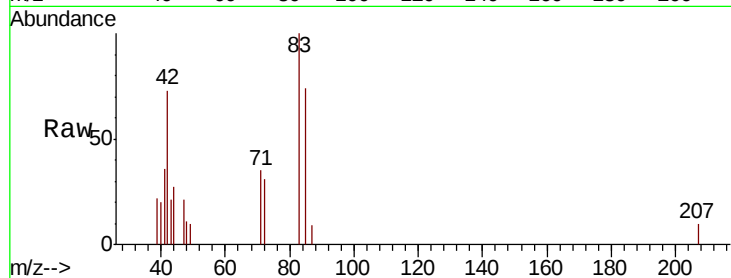
OILY-WATER

Tot Ion: 83 Resp: 3250

Ion Ratio Lower Upper

83 100

85 74.5 51.5 77.3



#33

1,2-Dichloroethane-d4

Concen: 48.622 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025783.D

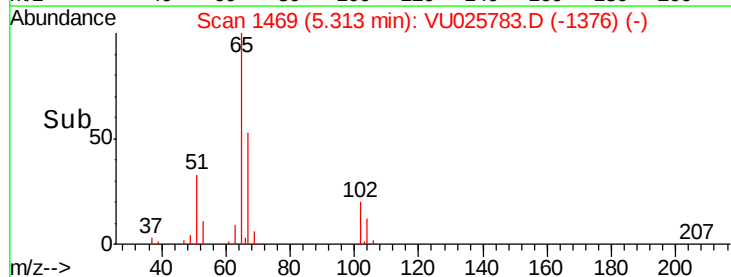
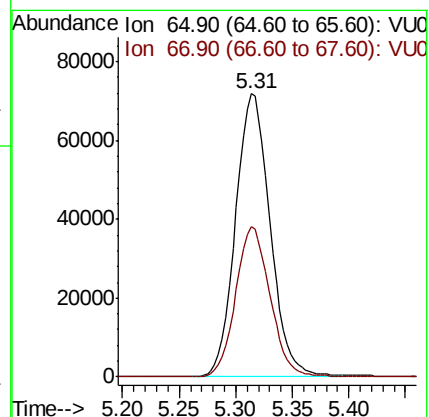
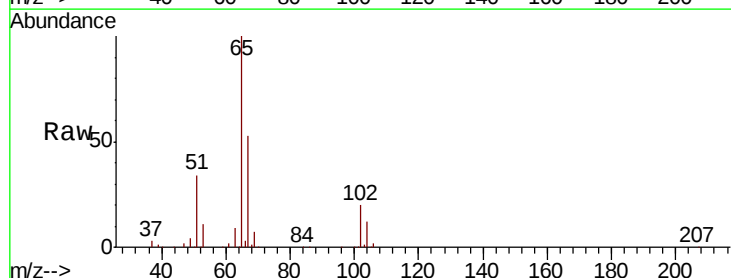
Acq: 01 Aug 2018 17:53

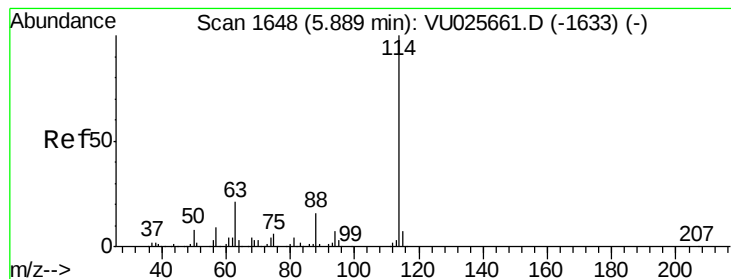
Tgt Ion: 65 Resp: 153646

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025783.D

Acq: 01 Aug 2018 17:53

Instrument :

MSVOA_U

ClientSampleId :

OILY-WATER

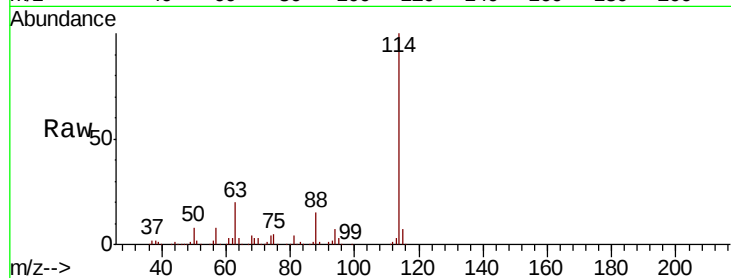
Tot Ion:114 Resp: 318914

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

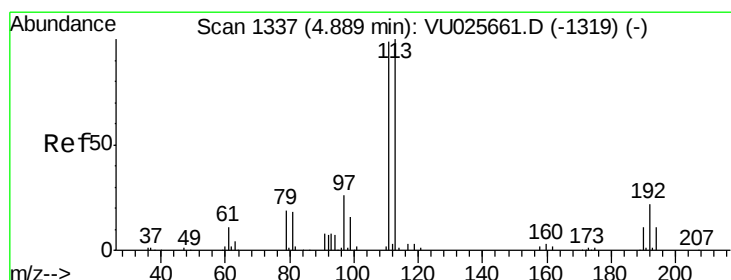
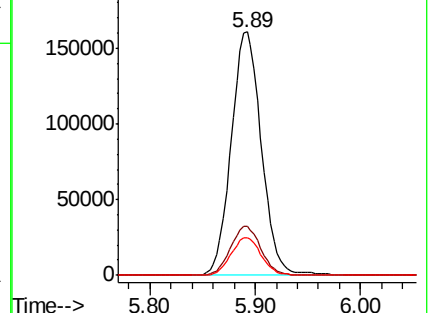
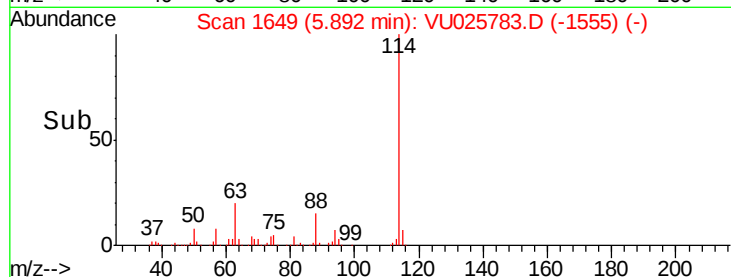
88 15.4 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 47.612 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025783.D

Acq: 01 Aug 2018 17:53

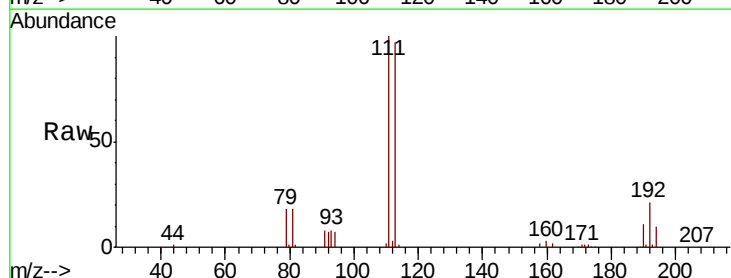
Tgt Ion:113 Resp: 132065

Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

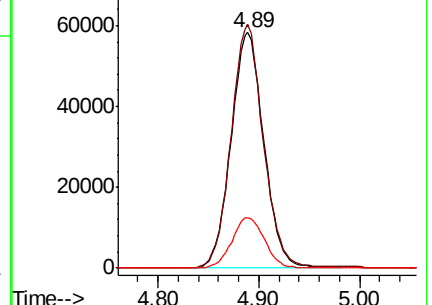
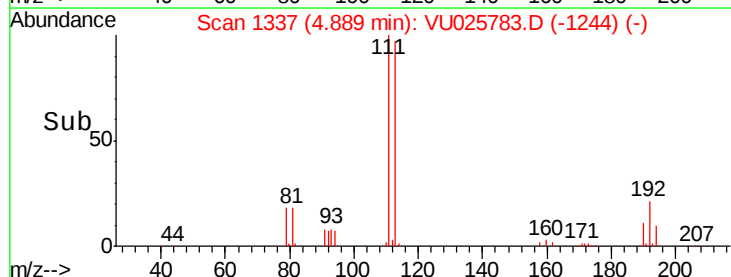
192 21.4 17.1 25.7

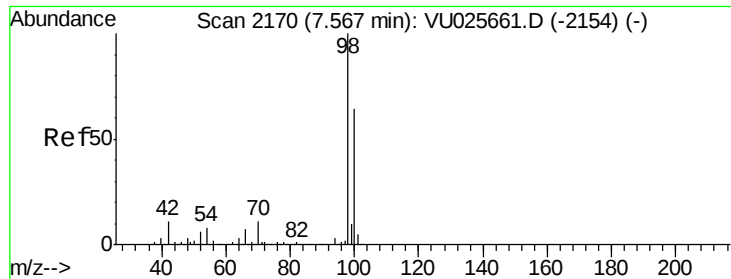


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

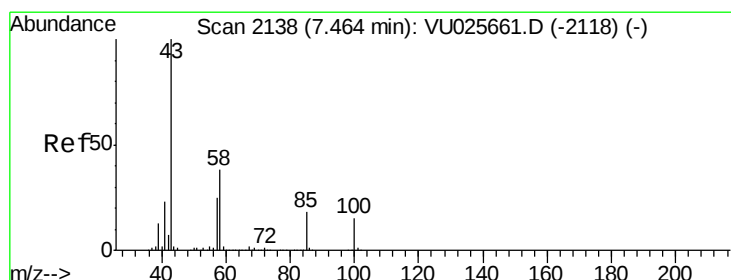
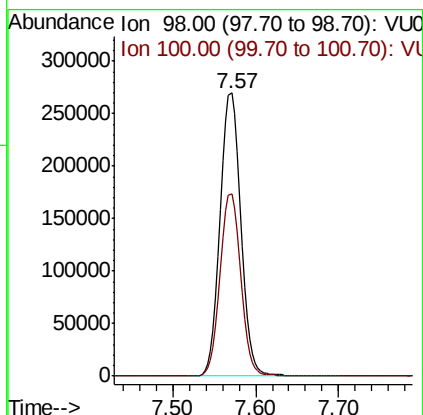
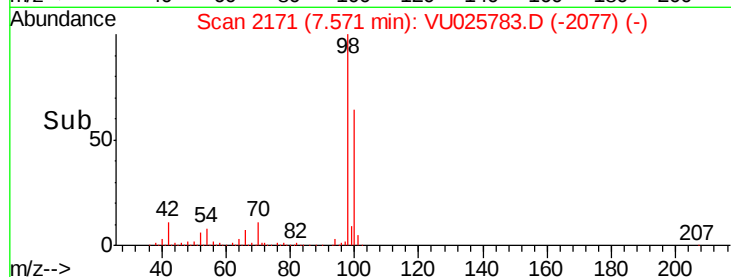
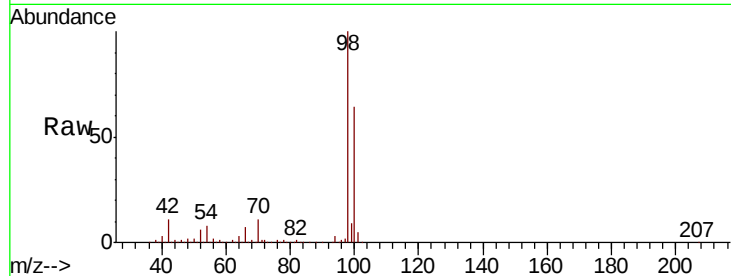




#50
Toluene-d8
Concen: 48.182 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025783.D
Acq: 01 Aug 2018 17:53

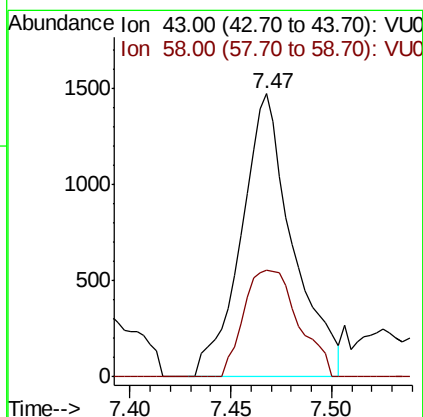
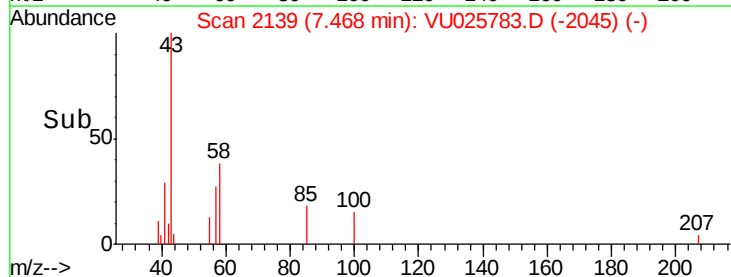
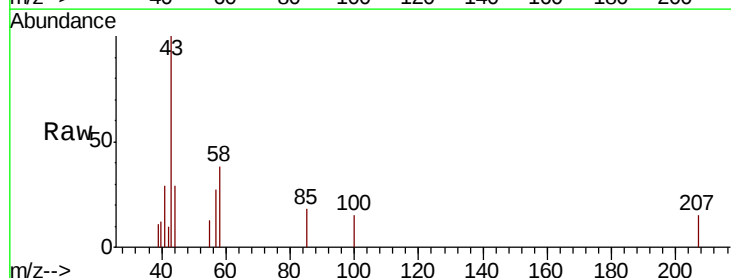
Instrument :
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OILY-WATER

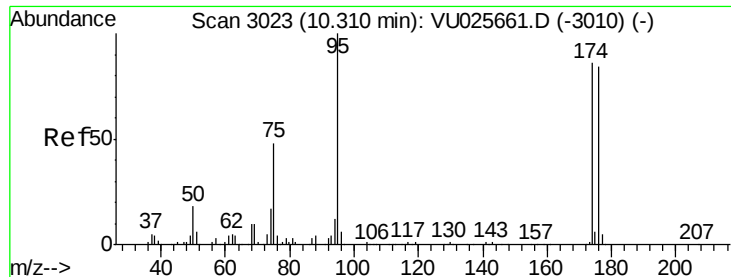
Tot Ion: 98 Resp: 467672
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7



#51
4-Methyl-2-Pentanone
Concen: 0.657 ug/l
RT: 7.47 min Scan# 2139
Delta R.T. 0.00 min
Lab File: VU025783.D
Acq: 01 Aug 2018 17:53

Tgt Ion: 43 Resp: 2625
Ion Ratio Lower Upper
43 100
58 40.0 31.0 46.4





#62

4-Bromofluorobenzene

Concen: 48.209 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025783.D

Acq: 01 Aug 2018 17:53

Instrument :

MSVOA_U

ClientSampleId :

OILY-WATER

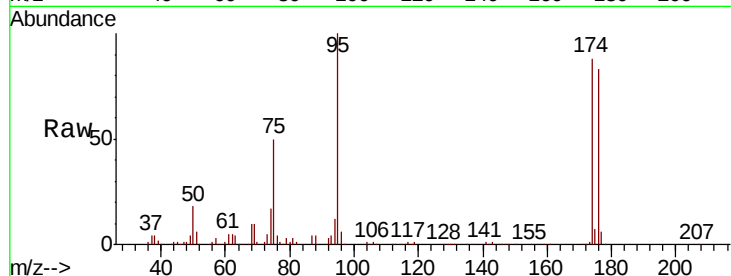
Tot Ion: 95 Resp: 181623

Ion Ratio Lower Upper

95 100

174 90.4 0.0 172.2

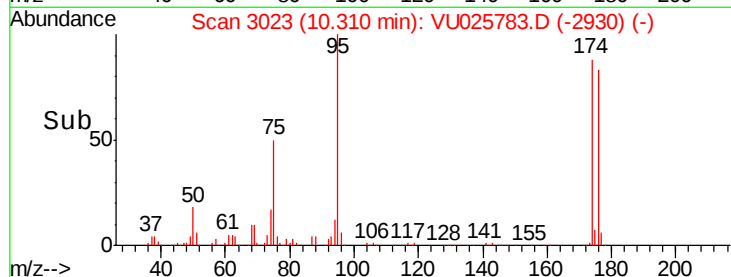
176 86.6 0.0 162.6



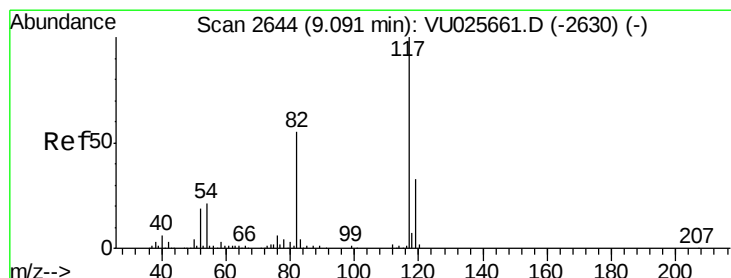
Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025783.D

Acq: 01 Aug 2018 17:53

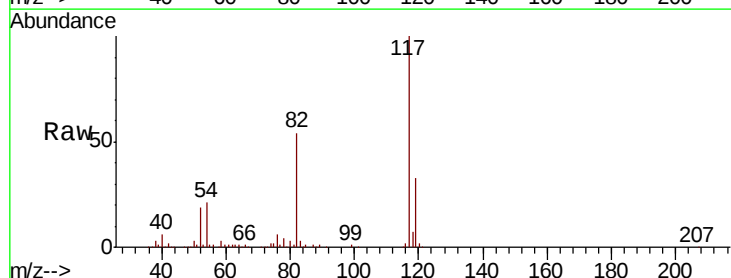
Tgt Ion: 117 Resp: 313988

Ion Ratio Lower Upper

117 100

82 54.0 46.0 69.0

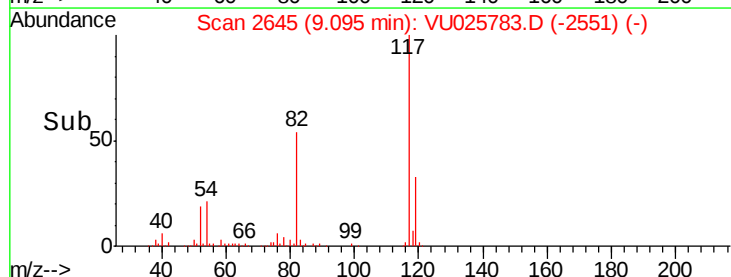
119 33.0 26.0 39.0



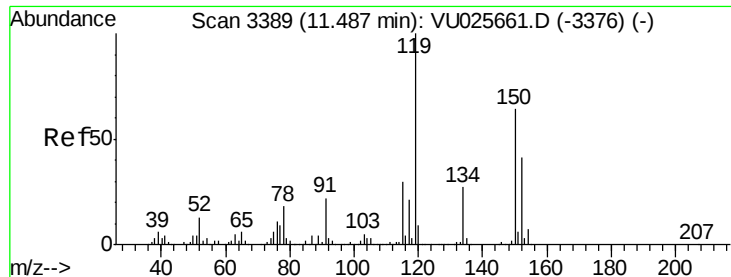
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025783.D

Acq: 01 Aug 2018 17:53

Instrument :

MSVOA_U

ClientSampleId :

OILY-WATER

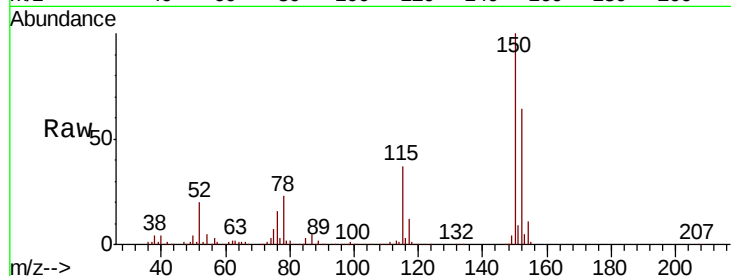
Tot Ion:152 Resp: 193770

Ion Ratio Lower Upper

152 100

115 57.0 40.1 120.3

150 155.8 0.0 351.4

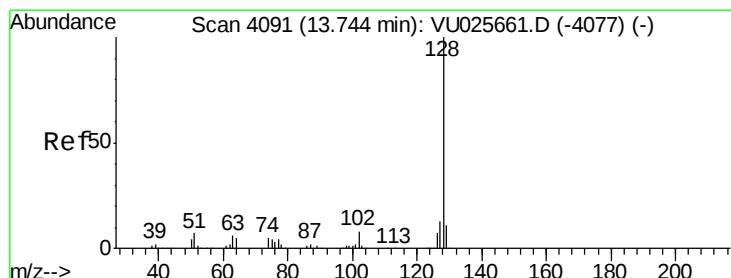
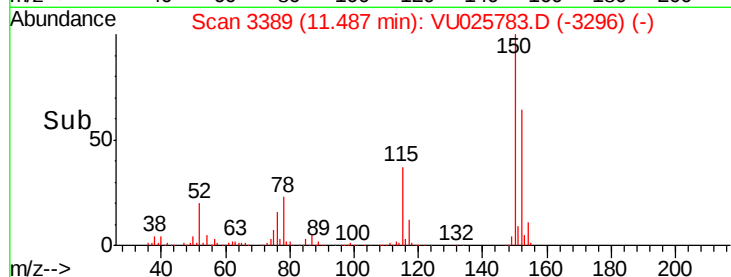
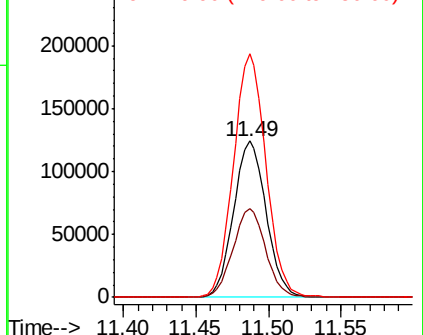


Abundance

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



#95

Naphthalene

Concen: 5.076 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025783.D

Acq: 01 Aug 2018 17:53

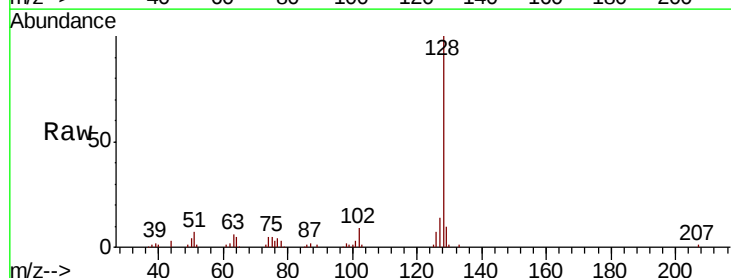
Tgt Ion:128 Resp: 56453

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.0 8.3 12.5



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

