

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
 Data File : VU027479.D
 Acq On : 06 Oct 2018 01:22
 Operator : MD/SY
 Sample : J5244-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OILY-WATER

Quant Time: Oct 06 04:01:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

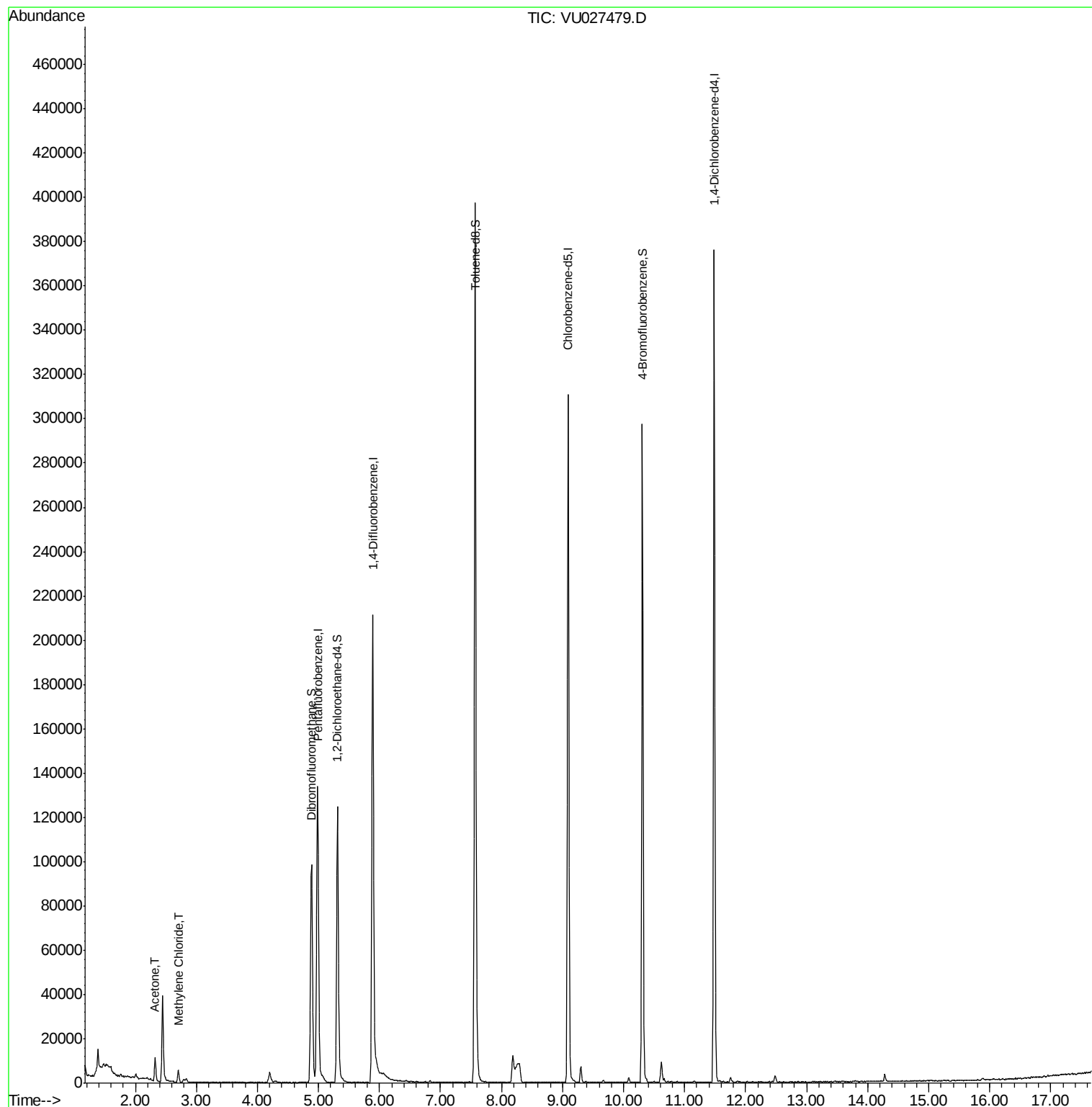
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	98968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	174166	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	166636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	91697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	98393	59.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.08%	
35) Dibromofluoromethane	4.88	113	69257	58.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.04%	
50) Toluene-d8	7.57	98	267987	59.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.98%	
62) 4-Bromofluorobenzene	10.31	95	97375	58.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.30%	
Target Compounds						
16) Acetone	2.32	43	11950	12.240	ug/l	99
20) Methylene Chloride	2.70	84	2249	1.654	ug/l	85

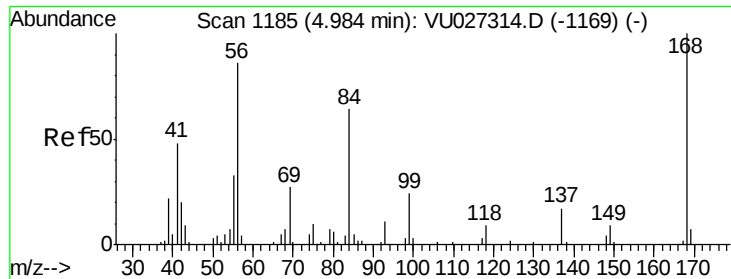
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027479.D

Acq: 06 Oct 2018 01:22

Instrument :

MSVOA_U

ClientSampleId :

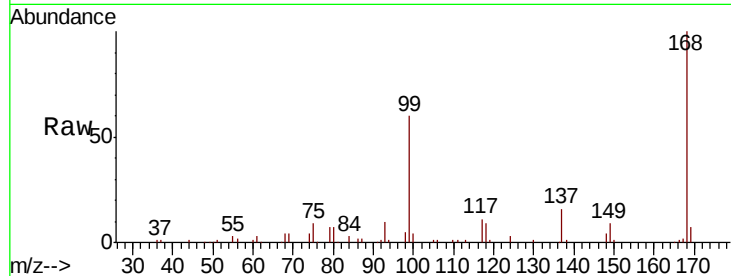
OILY-WATER

Tot Ion:168 Resp: 98968

Ion Ratio Lower Upper

168 100

99 59.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027479.D (-1092) (-)

4.99

50000

40000

30000

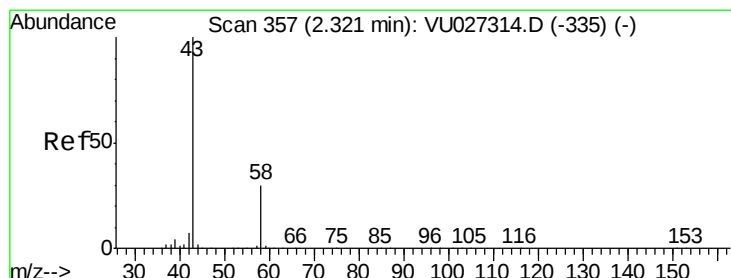
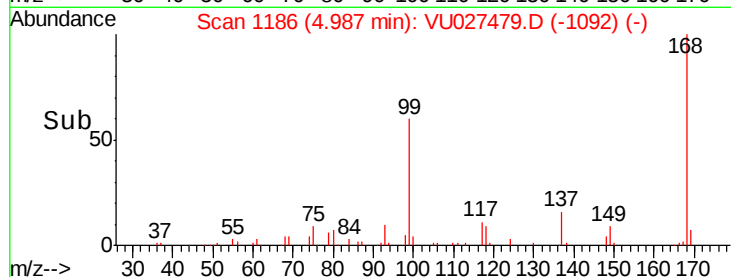
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 12.240 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027479.D

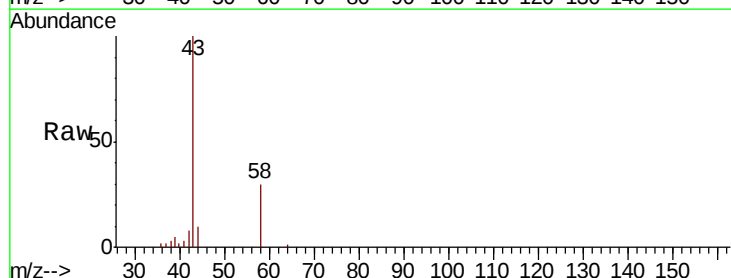
Acq: 06 Oct 2018 01:22

Tgt Ion: 43 Resp: 11950

Ion Ratio Lower Upper

43 100

58 30.0 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027479.D (-264) (-)

2.32

8000

6000

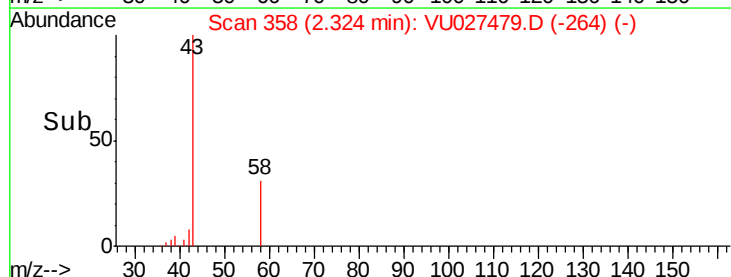
4000

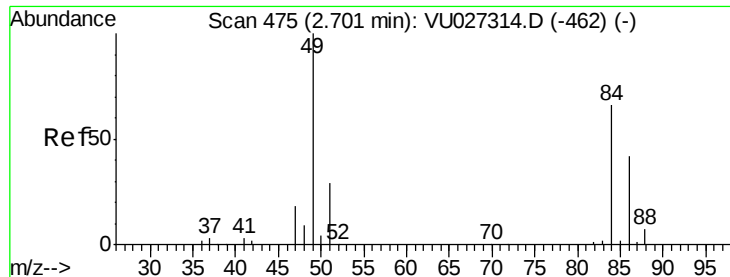
2000

0

2.25 2.30 2.35 2.40

Time-->

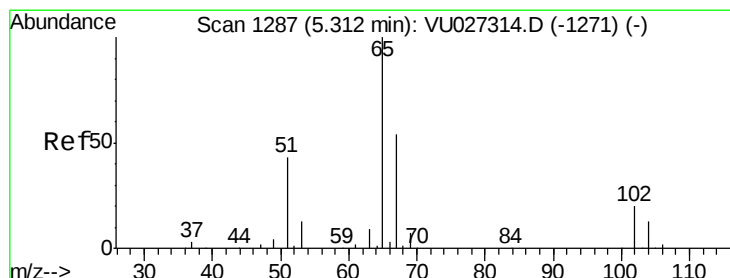
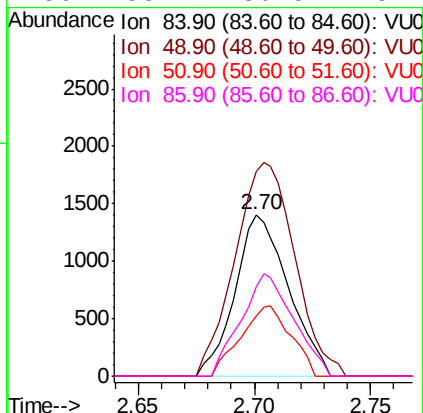
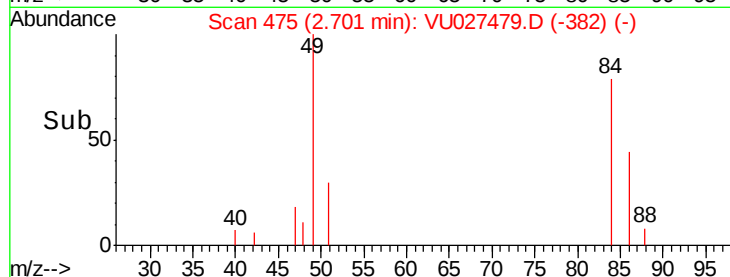
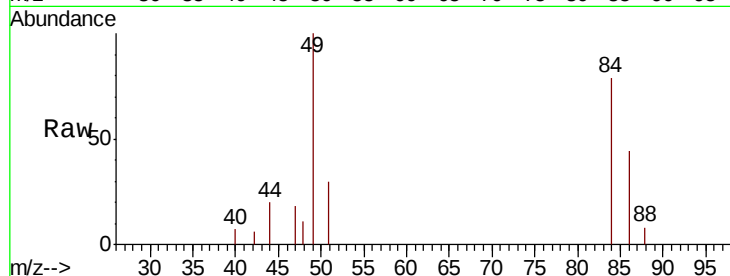




#20
Methylene Chloride
Concen: 1.654 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027479.D
Acq: 06 Oct 2018 01:22

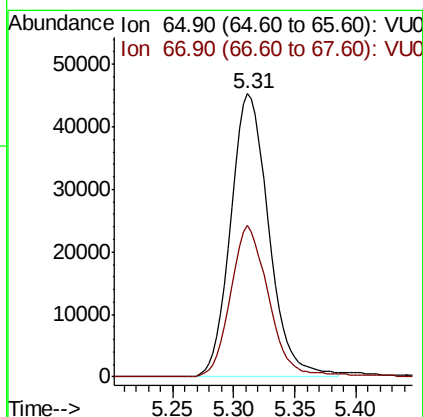
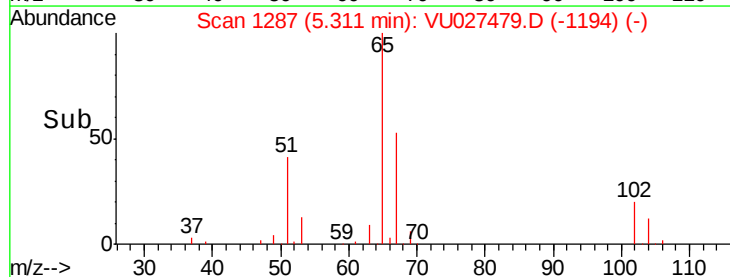
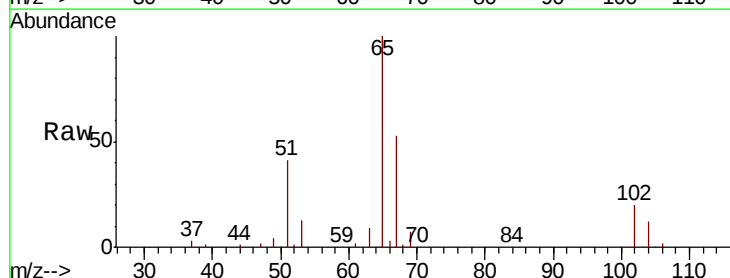
Instrument :
MSVOA_U
ClientSampleId :
OILY-WATER

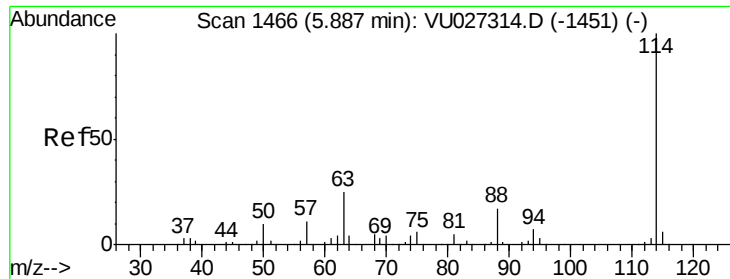
Tot Ion: 84 Resp: 2249
Ion Ratio Lower Upper
84 100
49 126.7 120.5 180.7
51 37.4 35.1 52.7
86 55.2 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 59.539 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027479.D
Acq: 06 Oct 2018 01:22

Tgt Ion: 65 Resp: 98393
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.8

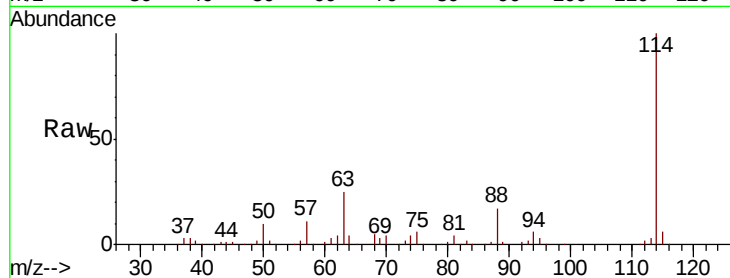




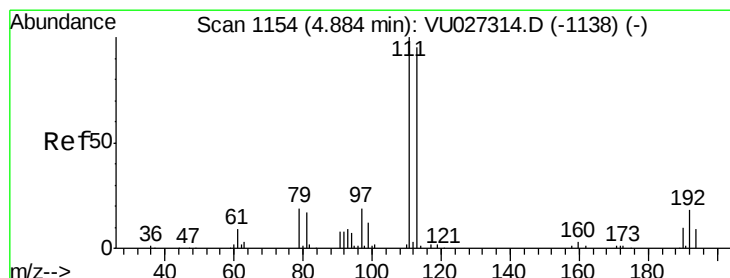
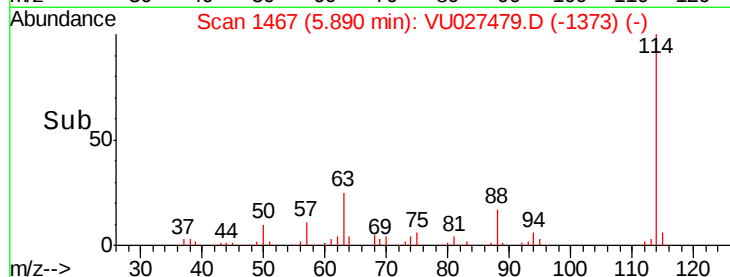
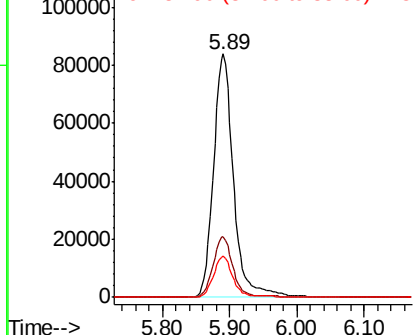
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027479.D
 Acq: 06 Oct 2018 01:22

Instrument :
 MSVOA_U
 ClientSampled :
 OILY-WATER

Tot Ion:114 Resp: 174166
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.2
 88 16.7 0.0 33.8

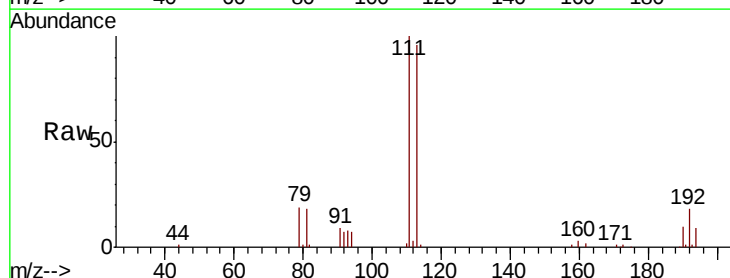


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

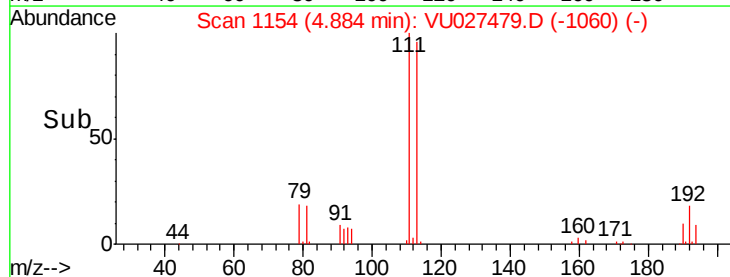
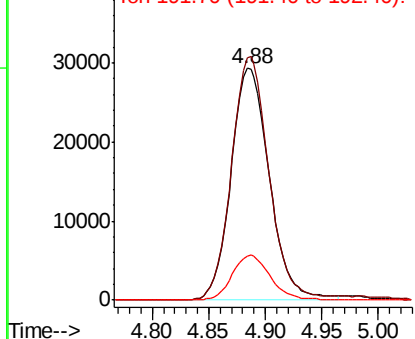


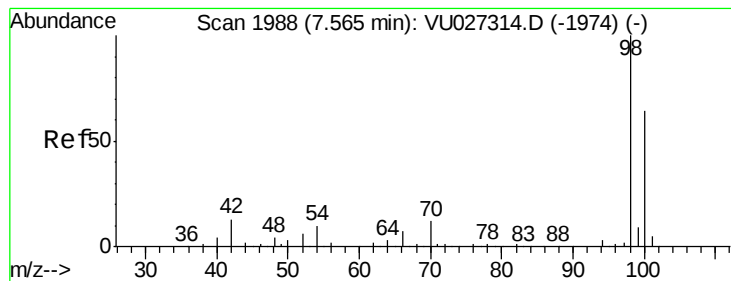
#35
 Dibromofluoromethane
 Concen: 58.023 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027479.D
 Acq: 06 Oct 2018 01:22

Tgt Ion:113 Resp: 69257
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.1 124.7
 192 19.1 15.4 23.0



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: 59.988 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027479.D

Acq: 06 Oct 2018 01:22

Instrument :

MSVOA_U

ClientSampleId :

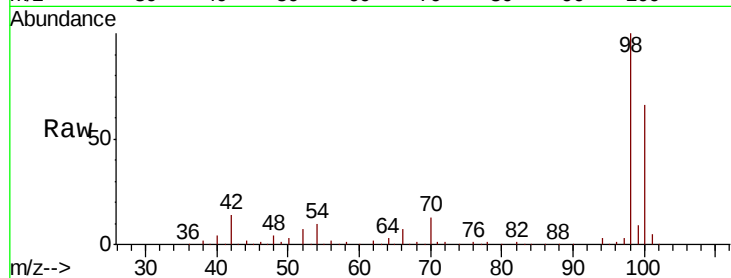
OILY-WATER

Tot Ion: 98 Resp: 267987

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027479.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027479.D (-1974) (-)

7.57

150000

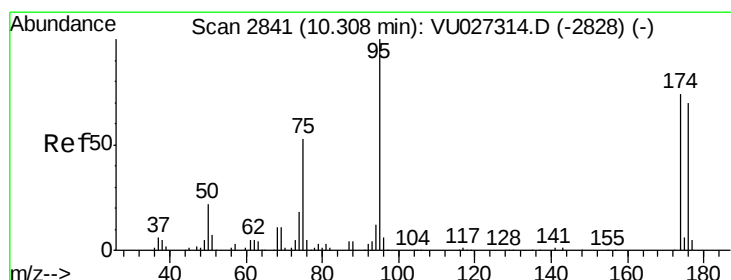
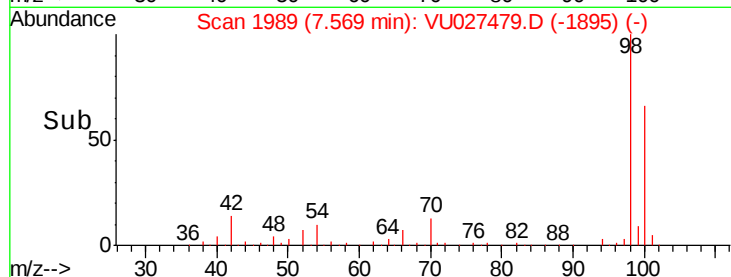
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 58.652 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027479.D

Acq: 06 Oct 2018 01:22

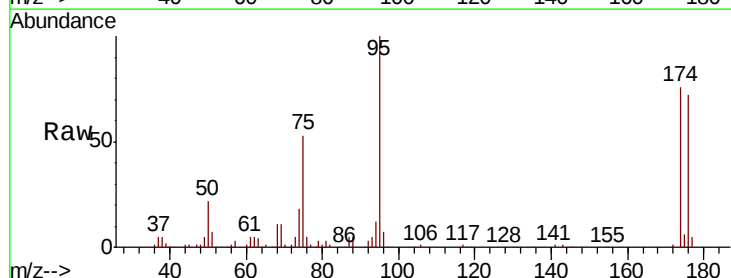
Tgt Ion: 95 Resp: 97375

Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.8

176 72.3 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027479.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU027479.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU027479.D (-2748) (-)

10.31

80000

60000

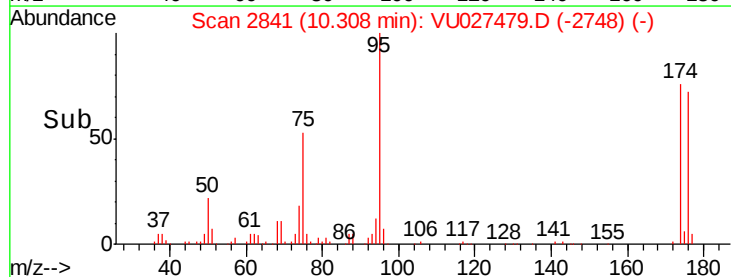
40000

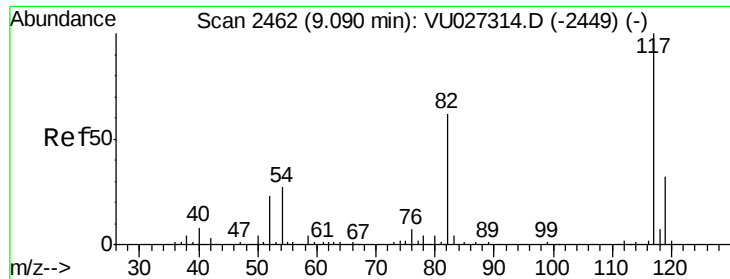
20000

0

10.30 10.40

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027479.D

Acq: 06 Oct 2018 01:22

Instrument :

MSVOA_U

ClientSampleId :

OILY-WATER

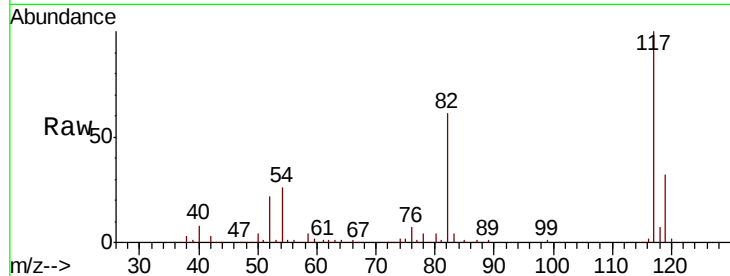
Tot Ion:117 Resp: 166636

Ion Ratio Lower Upper

117 100

82 60.8 49.2 73.8

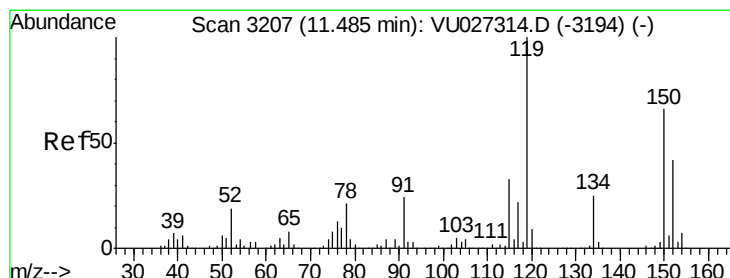
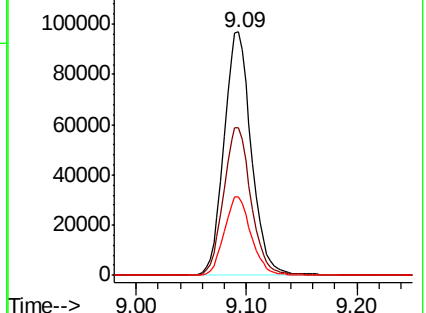
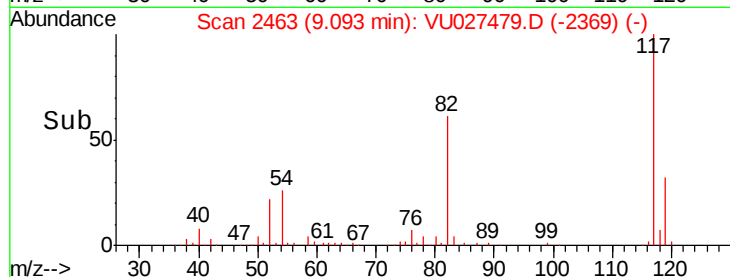
119 32.3 25.7 38.5



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027479.D

Acq: 06 Oct 2018 01:22

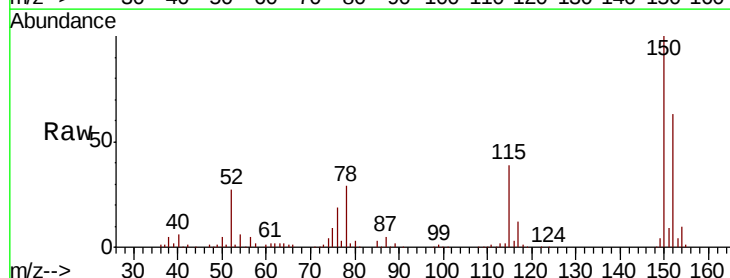
Tgt Ion:152 Resp: 91697

Ion Ratio Lower Upper

152 100

115 61.0 43.4 130.2

150 157.2 0.0 349.2



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

