

Data File : VU027549.D
Acq On : 10 Oct 2018 02:12
Operator : MD/SY
Sample : J5324-03 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OILY-WATER

Quant Time: Oct 10 06:04:03 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	143741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	242538	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	211419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	91538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	109503	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
35) Dibromofluoromethane	4.89	113	79505	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	7.57	98	302379	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
62) 4-Bromofluorobenzene	10.31	95	100244	43.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.72%	

Target Compounds

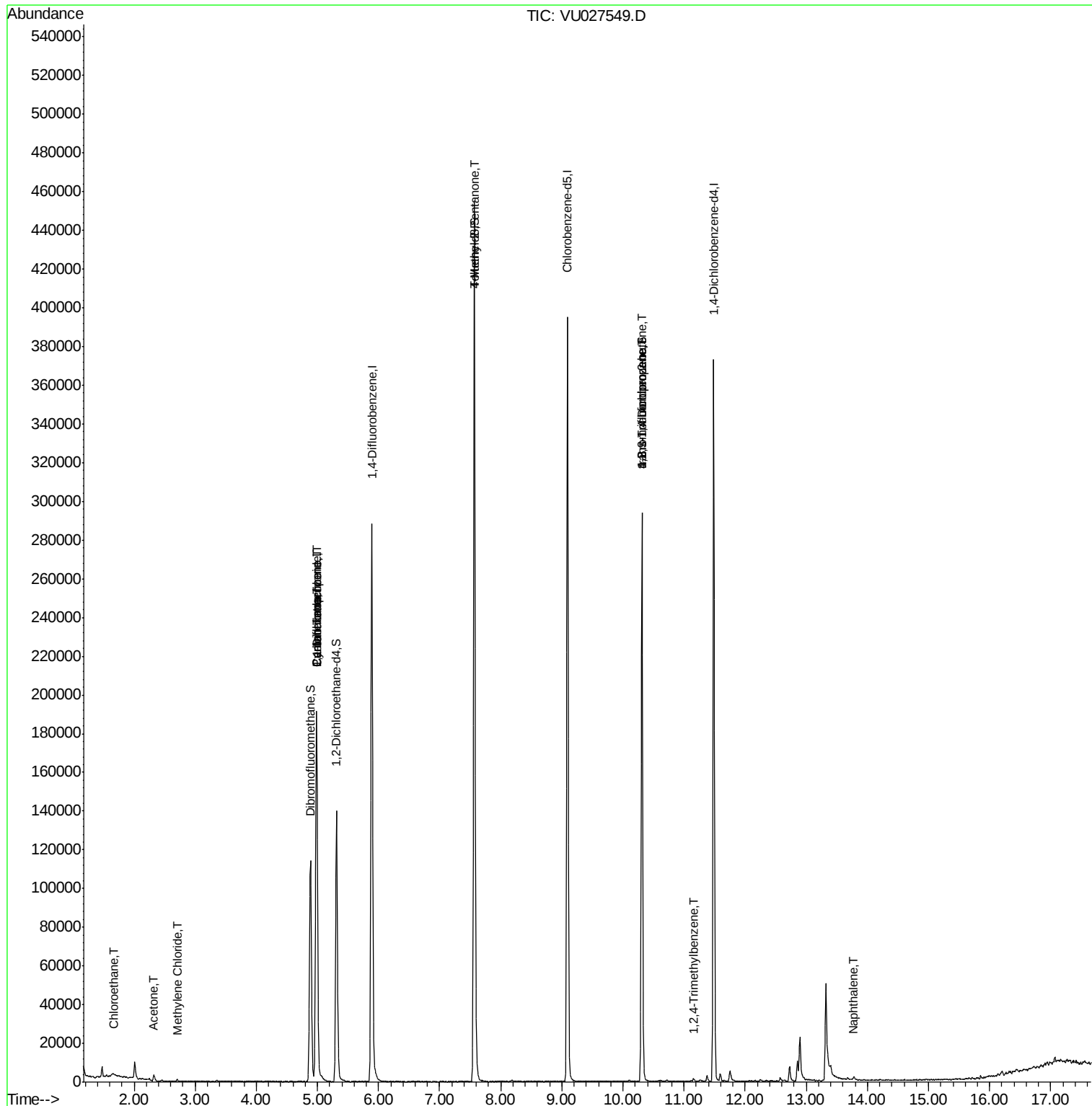
						Qvalue
6) Chloroethane	1.67	64	3612	2.279	ug/l #	44
16) Acetone	2.32	43	3630	2.560	ug/l	97
20) Methylene Chloride	2.70	84	533	0.270	ug/l #	67
31) Cyclohexane	4.99	56	3157	0.585	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	12613	4.790	ug/l #	50
38) Carbon Tetrachloride	4.99	117	14225	5.980	ug/l #	17
51) 4-Methyl-2-Pentanone	7.56	43	1350	0.393	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	52206	22.001	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	52206	57.579	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	1283	0.232	ug/l	93
95) Naphthalene	13.75	128	161	1.682	ug/l #	69

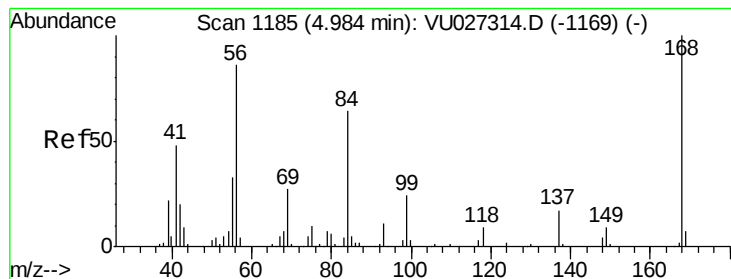
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027549.D

Acq: 10 Oct 2018 02:12

Instrument :

MSVOA_U

ClientSampled :

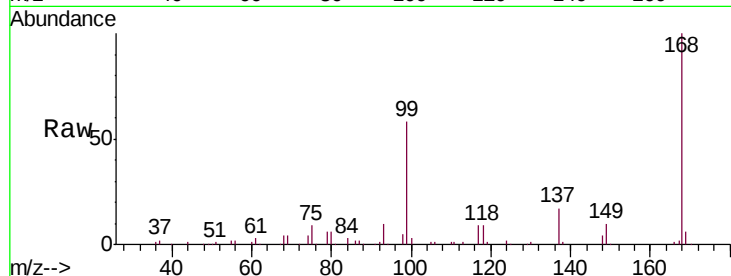
OILY-WATER

Tgt Ion:168 Resp: 143741

Ion Ratio Lower Upper

168 100

99 58.1 50.8 76.2



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

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

60000

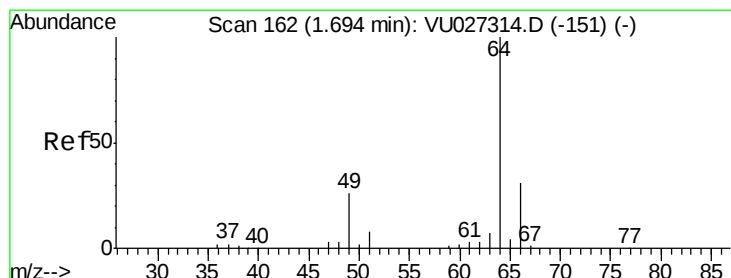
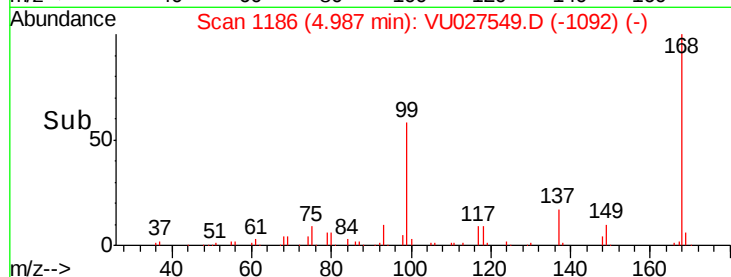
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#6

Chloroethane

Concen: 2.279 ug/l

RT: 1.67 min Scan# 154

Delta R.T. -0.03 min

Lab File: VU027549.D

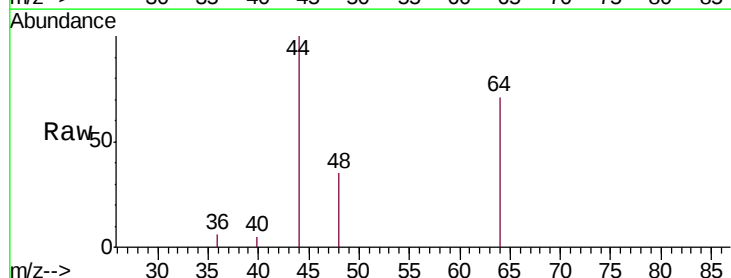
Acq: 10 Oct 2018 02:12

Tgt Ion: 64 Resp: 3612

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VU027314.D (-151) (-)

Ion 65.90 (65.60 to 66.60): VU027314.D (-151) (-)

1.67

1500

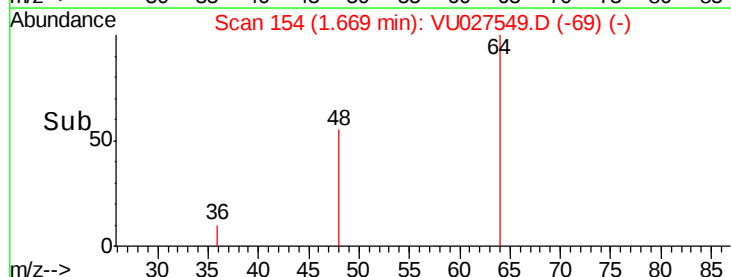
1000

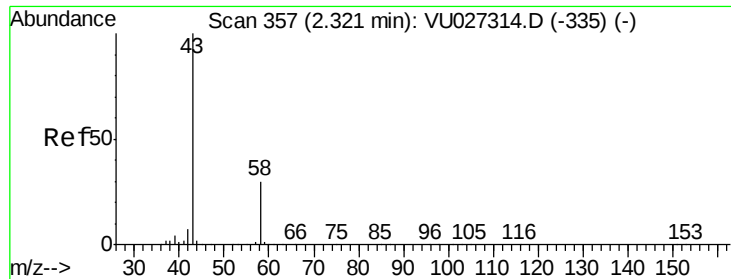
500

0

1.55 1.60 1.65 1.70

Time-->





#16

Acetone

Concen: 2.560 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027549.D

Acq: 10 Oct 2018 02:12

Instrument :

MSVOA_U

ClientSampleId :

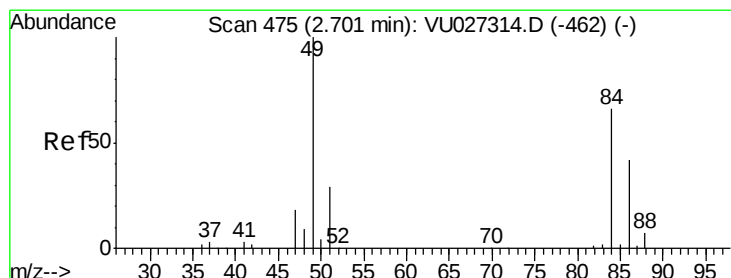
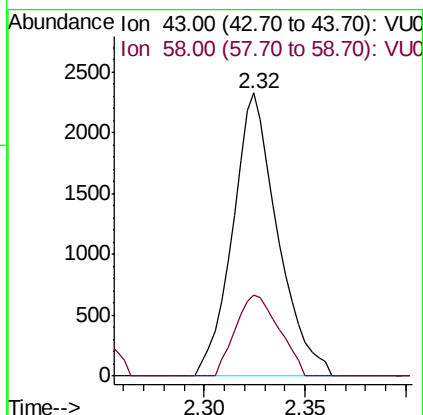
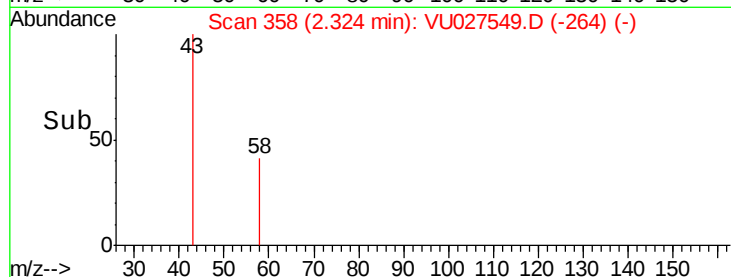
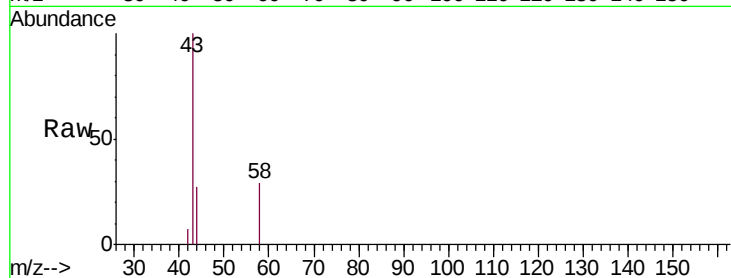
OILY-WATER

Tgt Ion: 43 Resp: 3630

Ion Ratio Lower Upper

43 100

58 28.8 24.2 36.4



#20

Methylene Chloride

Concen: 0.270 ug/l

RT: 2.70 min Scan# 475

Delta R.T. -0.00 min

Lab File: VU027549.D

Acq: 10 Oct 2018 02:12

Tgt Ion: 84 Resp: 533

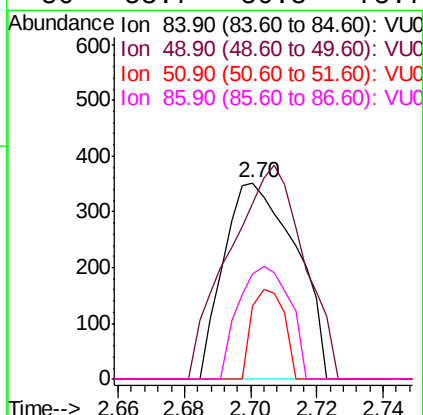
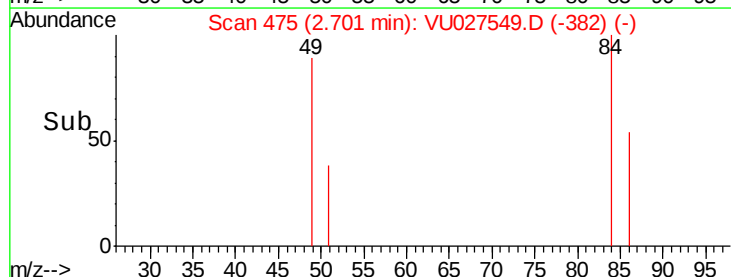
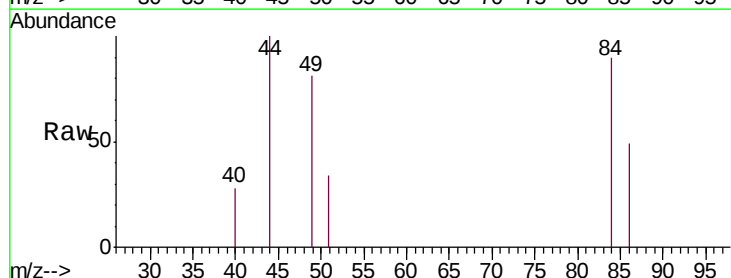
Ion Ratio Lower Upper

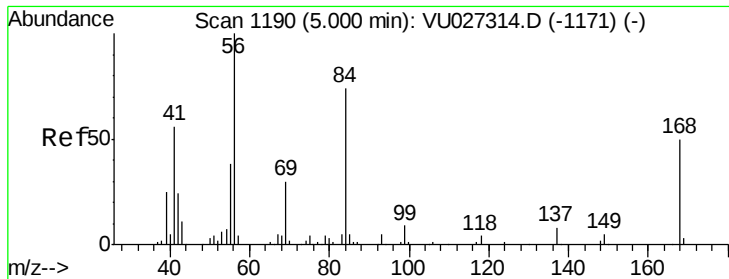
84 100

49 89.5 120.5 180.7#

51 37.5 35.1 52.7

86 53.7 50.5 75.7

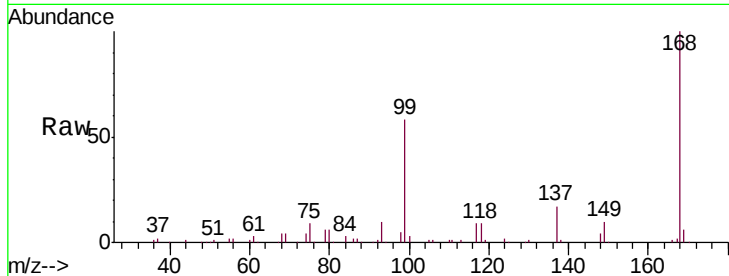




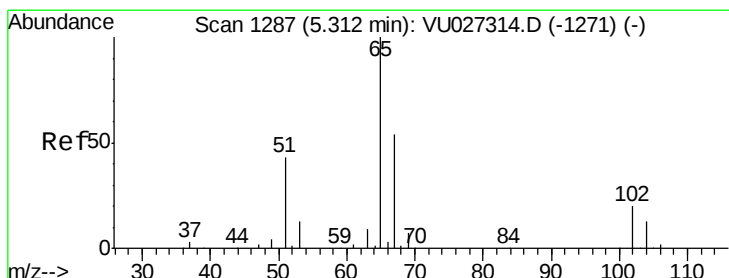
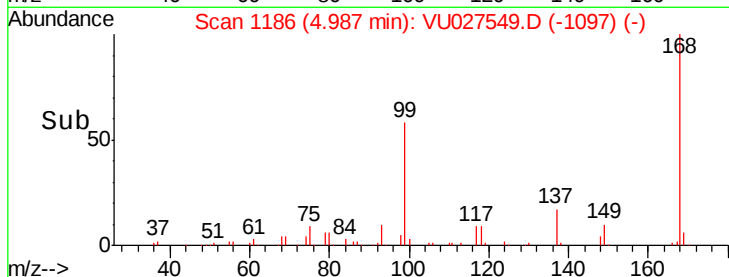
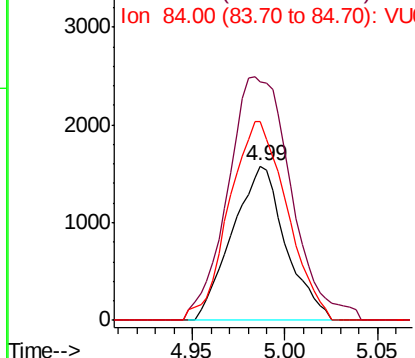
#31
Cyclohexane
Concen: 0.585 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027549.D
Acq: 10 Oct 2018 02:12

Instrument :
MSVOA_U
ClientSampleId :
OILY-WATER

Tgt Ion: 56 Resp: 3157
Ion Ratio Lower Upper
56 100
69 147.0 24.1 36.1#
84 129.0 59.1 88.7#

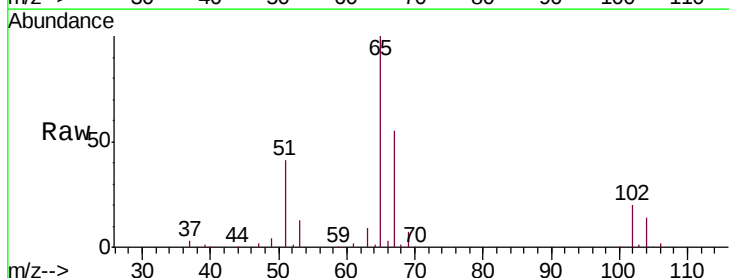


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

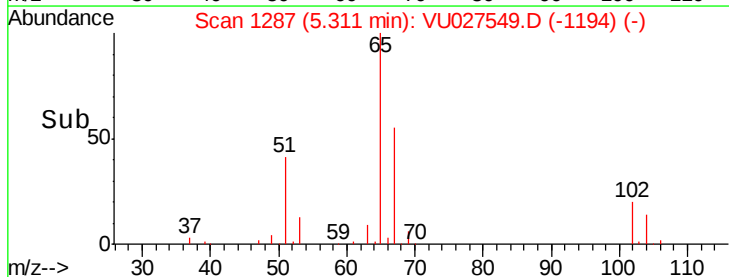
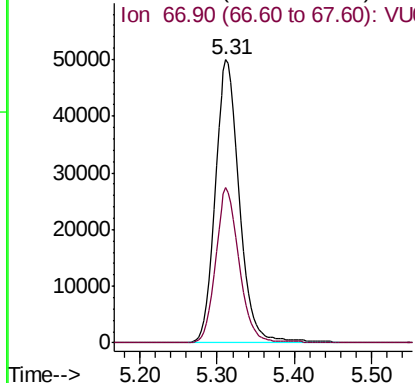


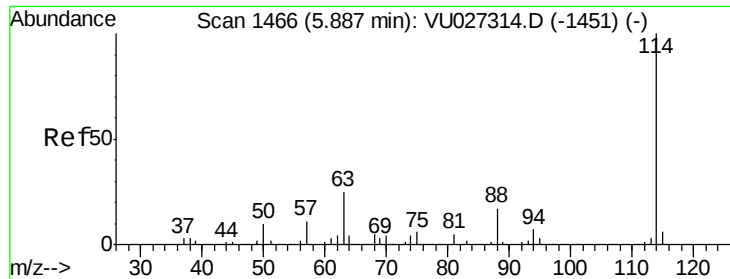
#33
1,2-Dichloroethane-d4
Concen: 45.622 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027549.D
Acq: 10 Oct 2018 02:12

Tgt Ion: 65 Resp: 109503
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

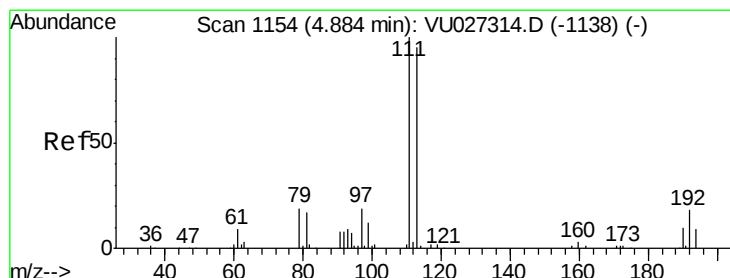
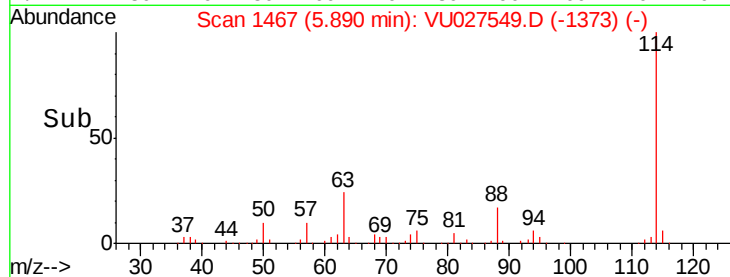
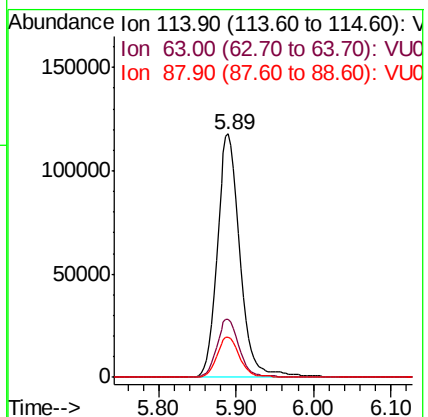
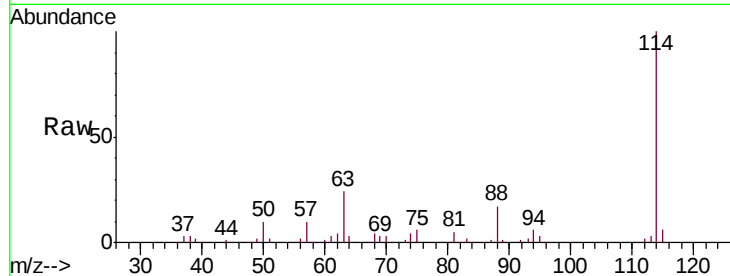




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027549.D
 Acq: 10 Oct 2018 02:12

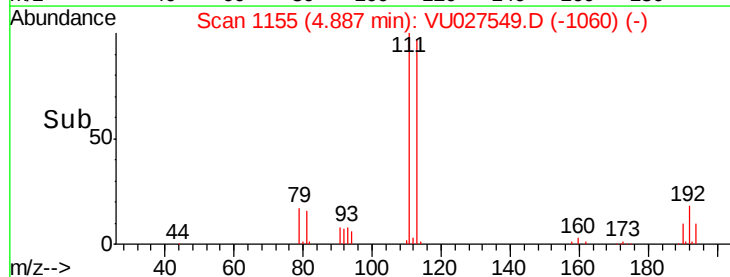
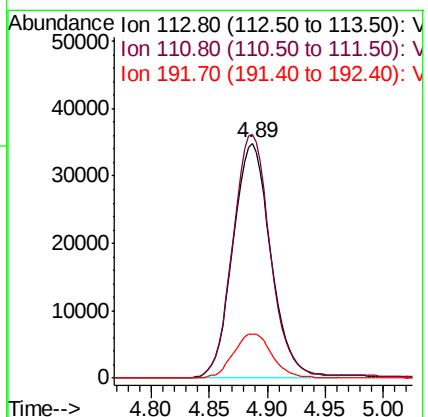
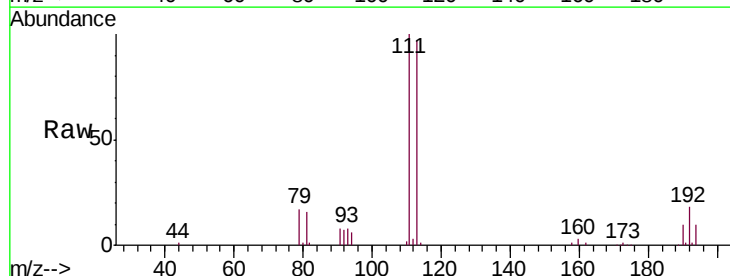
Instrument :
 MSVOA_U
 ClientSampleId :
 OILY-WATER

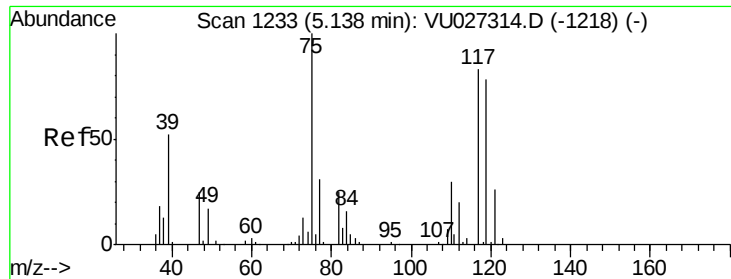
Tgt Ion:114 Resp: 242538
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.2
 88 16.6 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 47.832 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027549.D
 Acq: 10 Oct 2018 02:12

Tgt Ion:113 Resp: 79505
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.1 124.7
 192 19.3 15.4 23.0

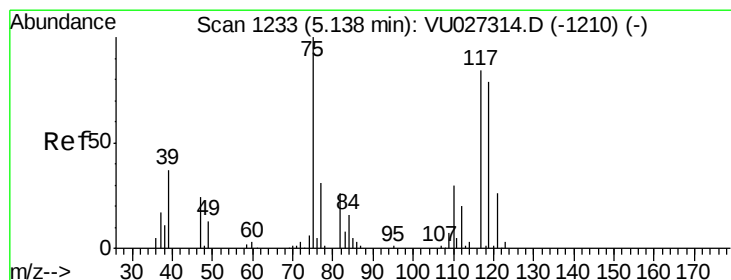
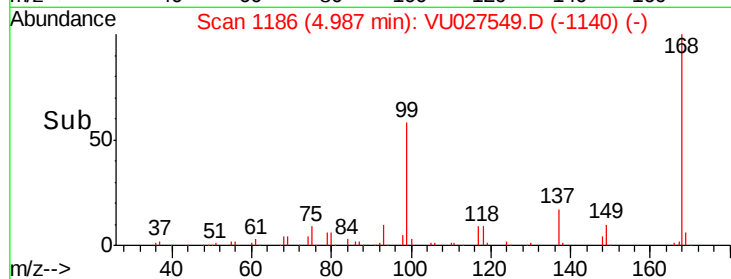
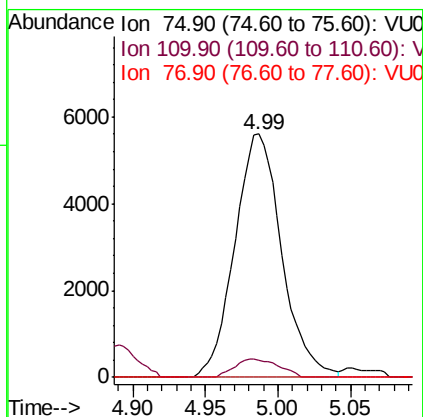
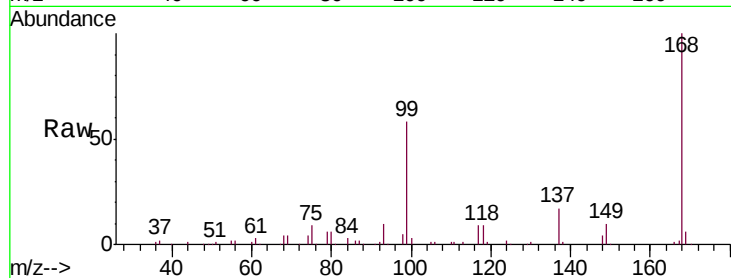




#36
 1,1-Dichloropropene
 Concen: 4.790 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027549.D
 Acq: 10 Oct 2018 02:12

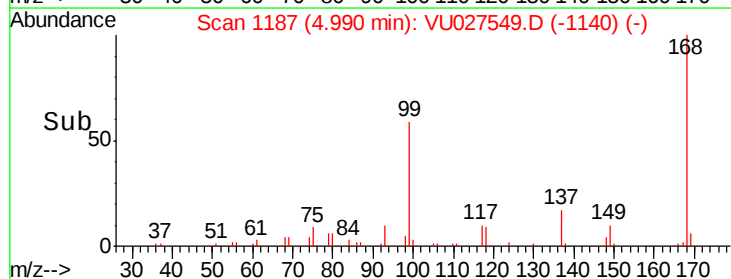
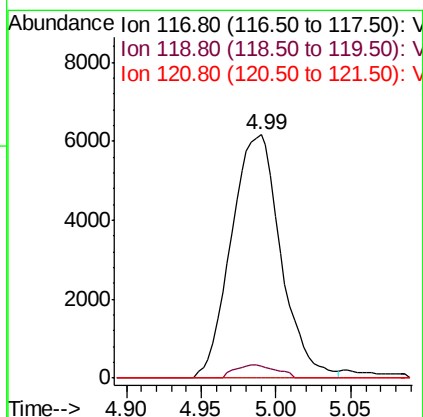
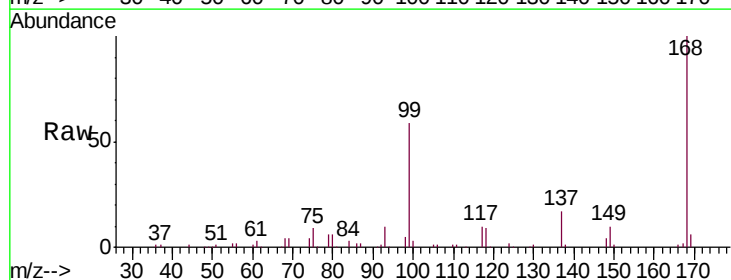
Instrument :
 MSVOA_U
 ClientSampleId :
 OILY-WATER

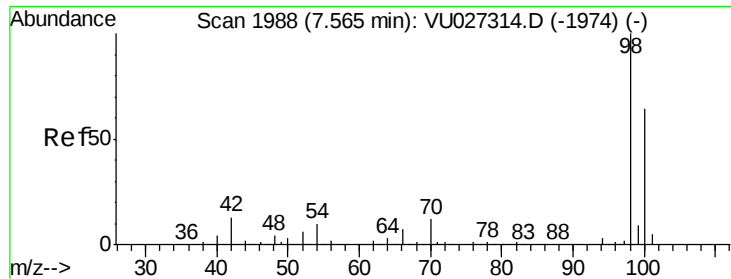
Tgt Ion: 75 Resp: 12613
 Ion Ratio Lower Upper
 75 100
 110 7.1 15.5 46.5#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 5.980 ug/l
 RT: 4.99 min Scan# 1187
 Delta R.T. -0.15 min
 Lab File: VU027549.D
 Acq: 10 Oct 2018 02:12

Tgt Ion: 117 Resp: 14225
 Ion Ratio Lower Upper
 117 100
 119 5.0 74.5 111.7#
 121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 48.606 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027549.D

Acq: 10 Oct 2018 02:12

Instrument :

MSVOA_U

ClientSampleId :

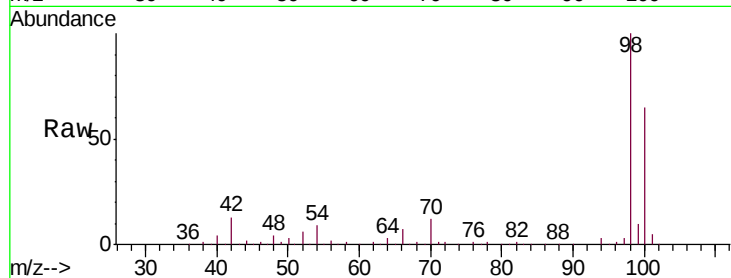
OILY-WATER

Tgt Ion: 98 Resp: 302379

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027314.D (-1974) (-)

7.57

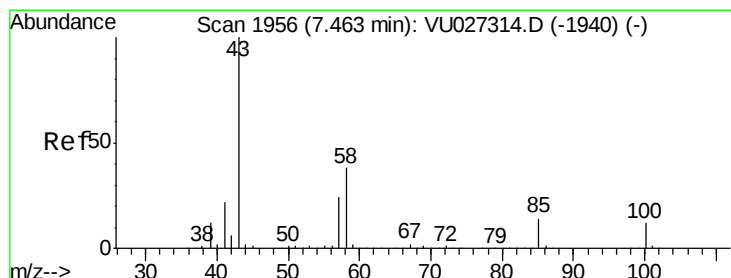
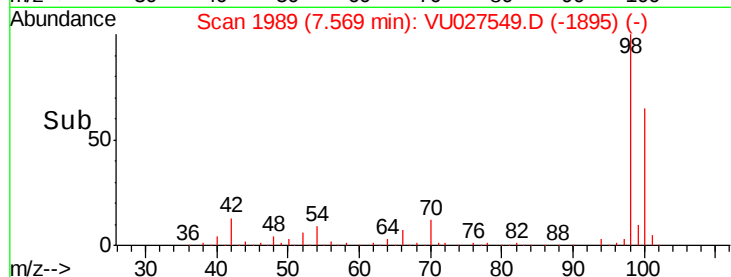
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.393 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.10 min

Lab File: VU027549.D

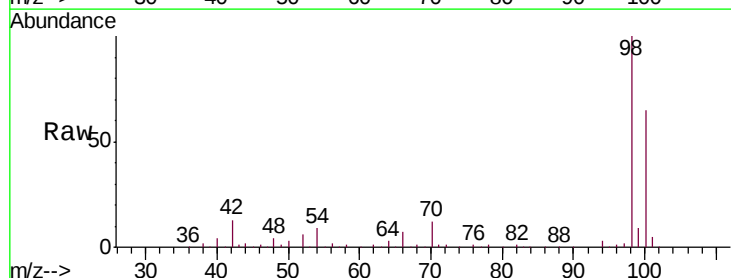
Acq: 10 Oct 2018 02:12

Tgt Ion: 43 Resp: 1350

Ion Ratio Lower Upper

43 100

58 204.8 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-1940) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-1940) (-)

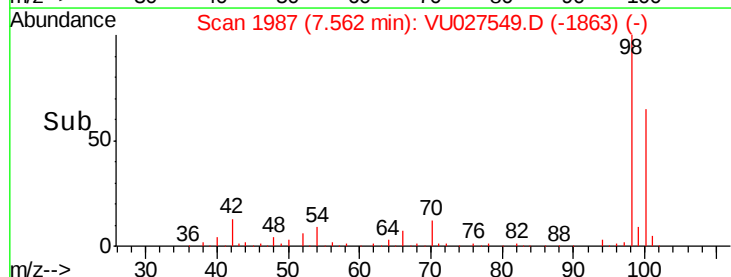
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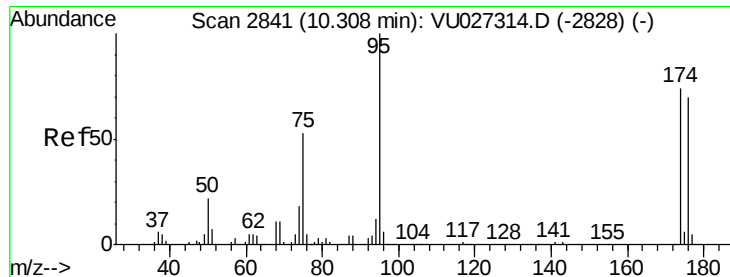
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 43.358 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU027549.D

Acq: 10 Oct 2018 02:12

Instrument :

MSVOA_U

ClientSampleId :

OILY-WATER

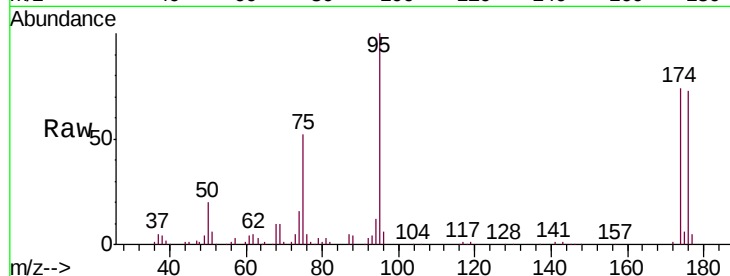
Tgt Ion: 95 Resp: 100244

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.8

176 72.3 0.0 140.8

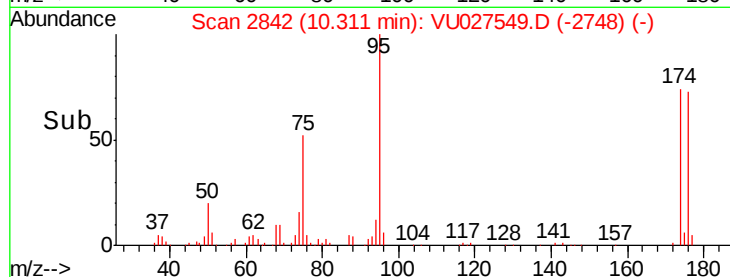


Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)

Time-->

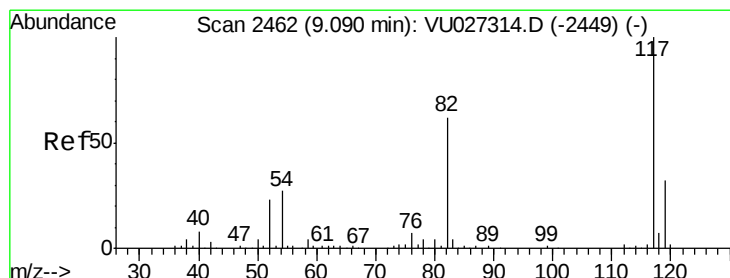


Abundance Ion 94.90 (94.60 to 95.60): VU027549.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU027549.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU027549.D (-2748) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027549.D

Acq: 10 Oct 2018 02:12

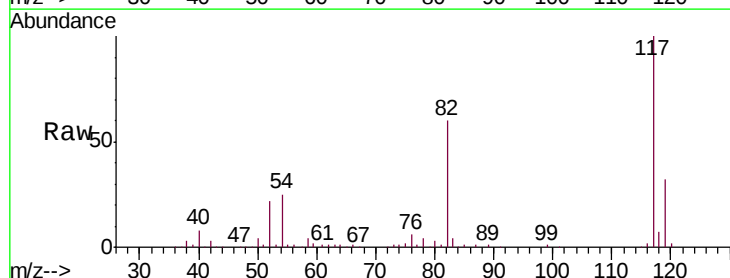
Tgt Ion: 117 Resp: 211419

Ion Ratio Lower Upper

117 100

82 60.3 49.2 73.8

119 32.1 25.7 38.5

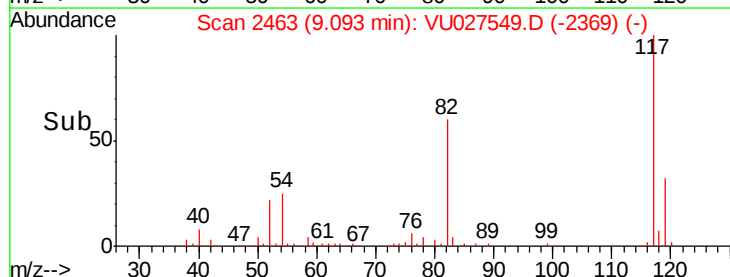


Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU027314.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU027314.D (-2449) (-)

Time-->

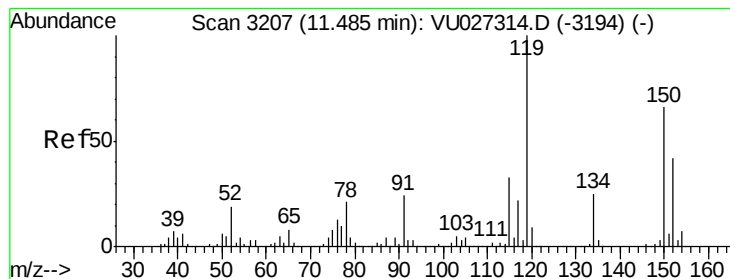


Abundance Ion 116.90 (116.60 to 117.60): VU027549.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU027549.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU027549.D (-2369) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027549.D

Acq: 10 Oct 2018 02:12

Instrument :

MSVOA_U

ClientSampleId :

OILY-WATER

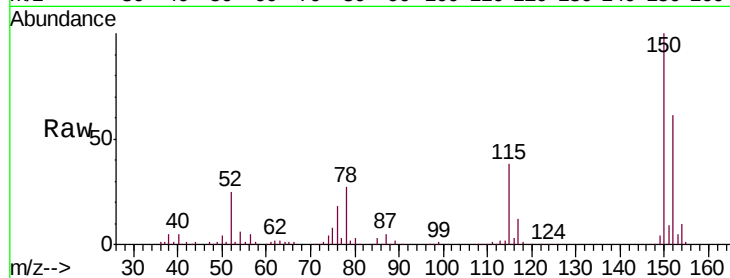
Tgt Ion:152 Resp: 91538

Ion Ratio Lower Upper

152 100

115 59.9 43.4 130.2

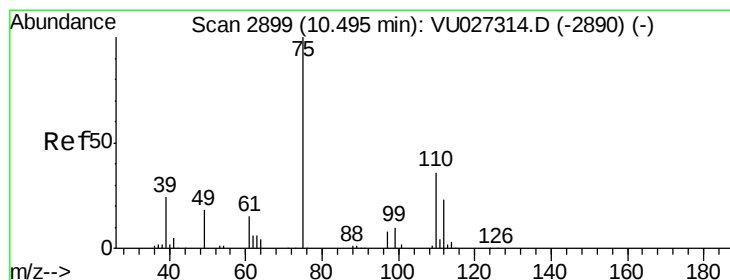
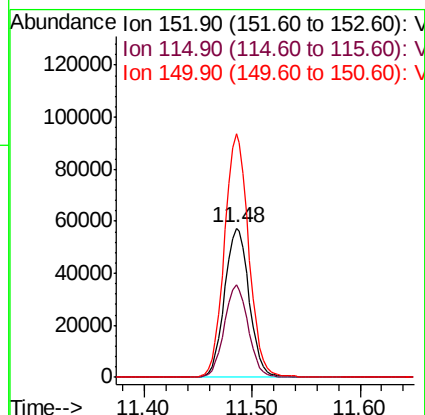
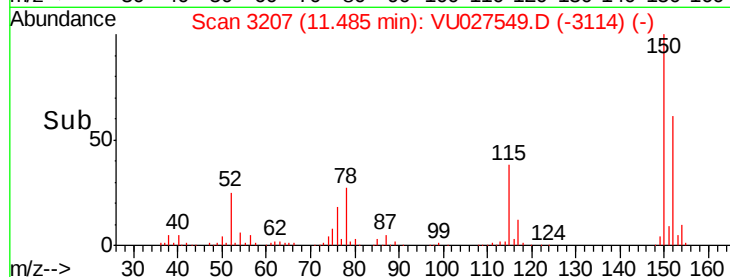
150 159.7 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 22.001 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027549.D

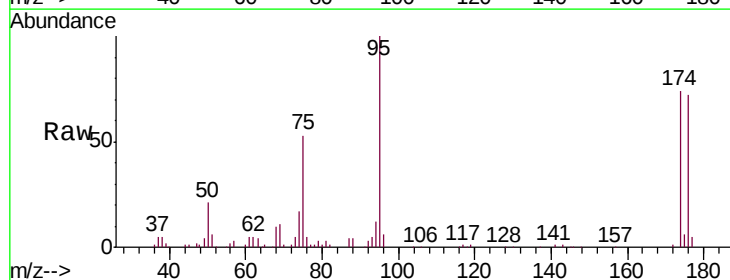
Acq: 10 Oct 2018 02:12

Tgt Ion: 75 Resp: 52206

Ion Ratio Lower Upper

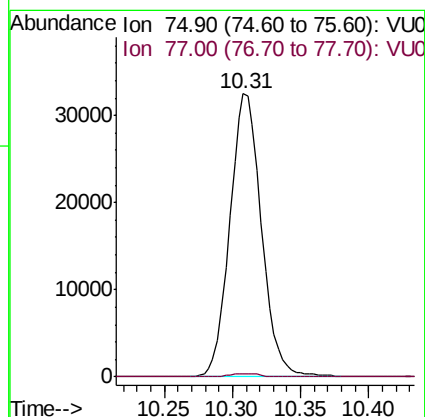
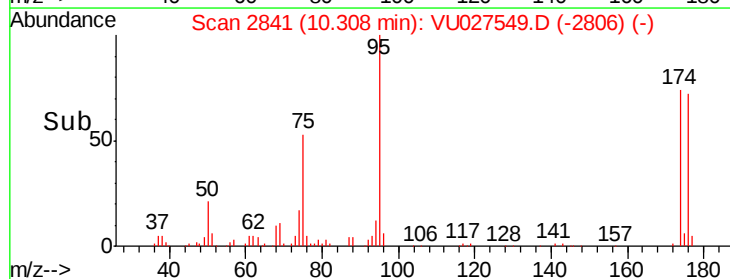
75 100

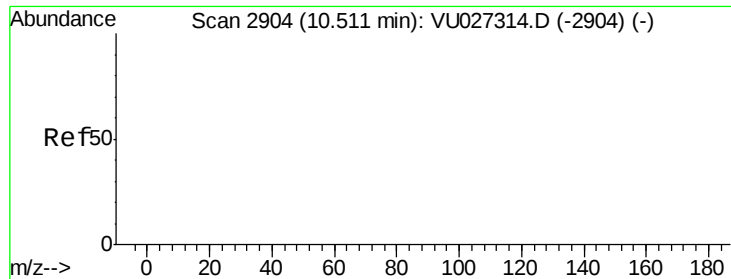
77 1.1 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#81

trans-1,4-Dichloro-2-butene

Concen: 57.579 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027549.D

Acq: 10 Oct 2018 02:12

Instrument :

MSVOA_U

ClientSampleId :

OILY-WATER

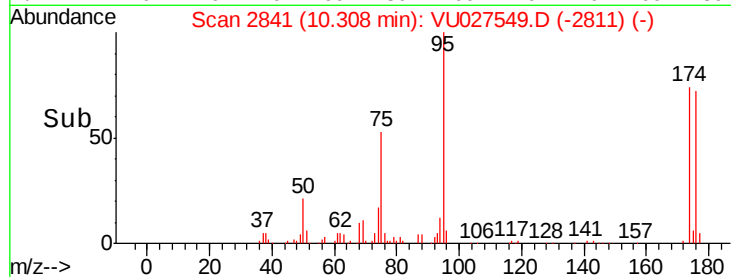
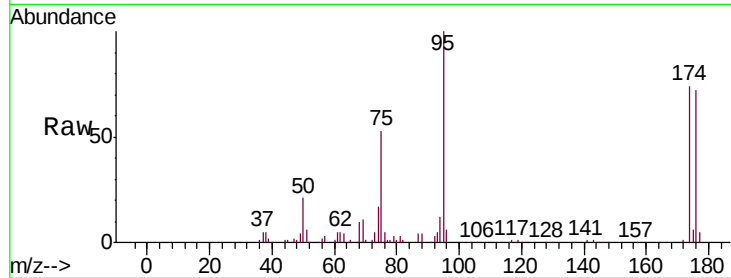
Tgt Ion: 75 Resp: 52206

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

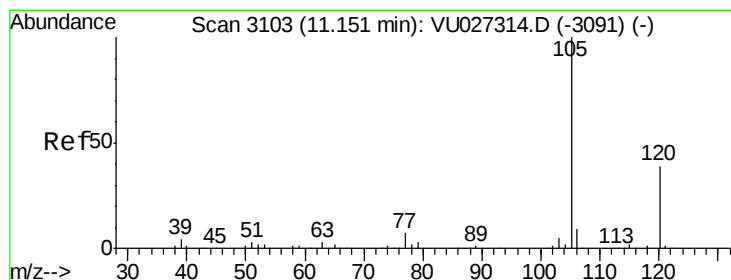
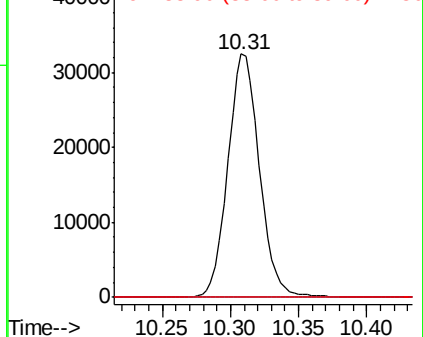
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#84

1,2,4-Trimethylbenzene

Concen: 0.232 ug/l

RT: 11.15 min Scan# 3104

Delta R.T. 0.00 min

Lab File: VU027549.D

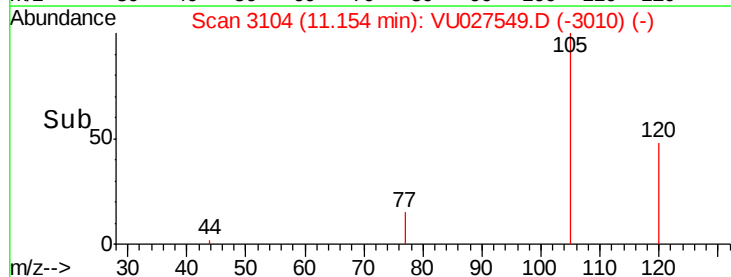
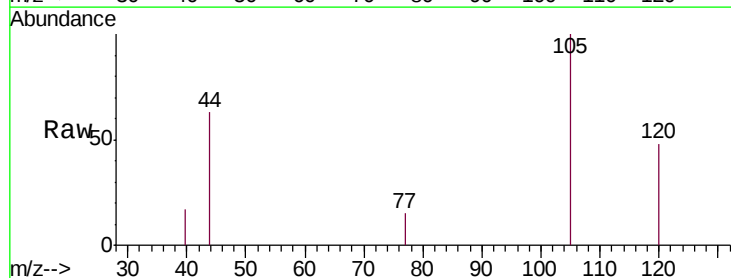
Acq: 10 Oct 2018 02:12

Tgt Ion: 105 Resp: 1283

Ion Ratio Lower Upper

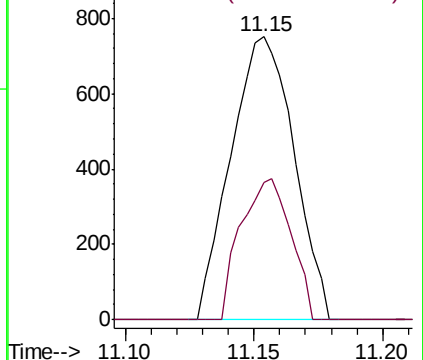
105 100

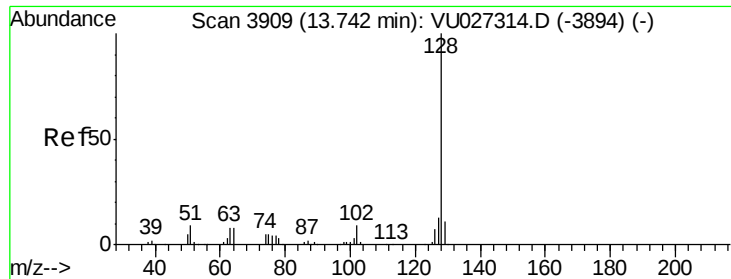
120 39.7 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 1.682 ug/l
RT: 13.75 min Scan# 3913
Delta R.T. 0.01 min
Lab File: VU027549.D
Acq: 10 Oct 2018 02:12

Instrument :
MSVOA_U
ClientSampleId :
OILY-WATER

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.6	12.8#

