

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050133.D
 Acq On : 27 Jul 2018 16:38
 Operator : MD\SY
 Sample : J4158-01DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER-TOTESDL

Quant Time: Jul 30 09:33:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

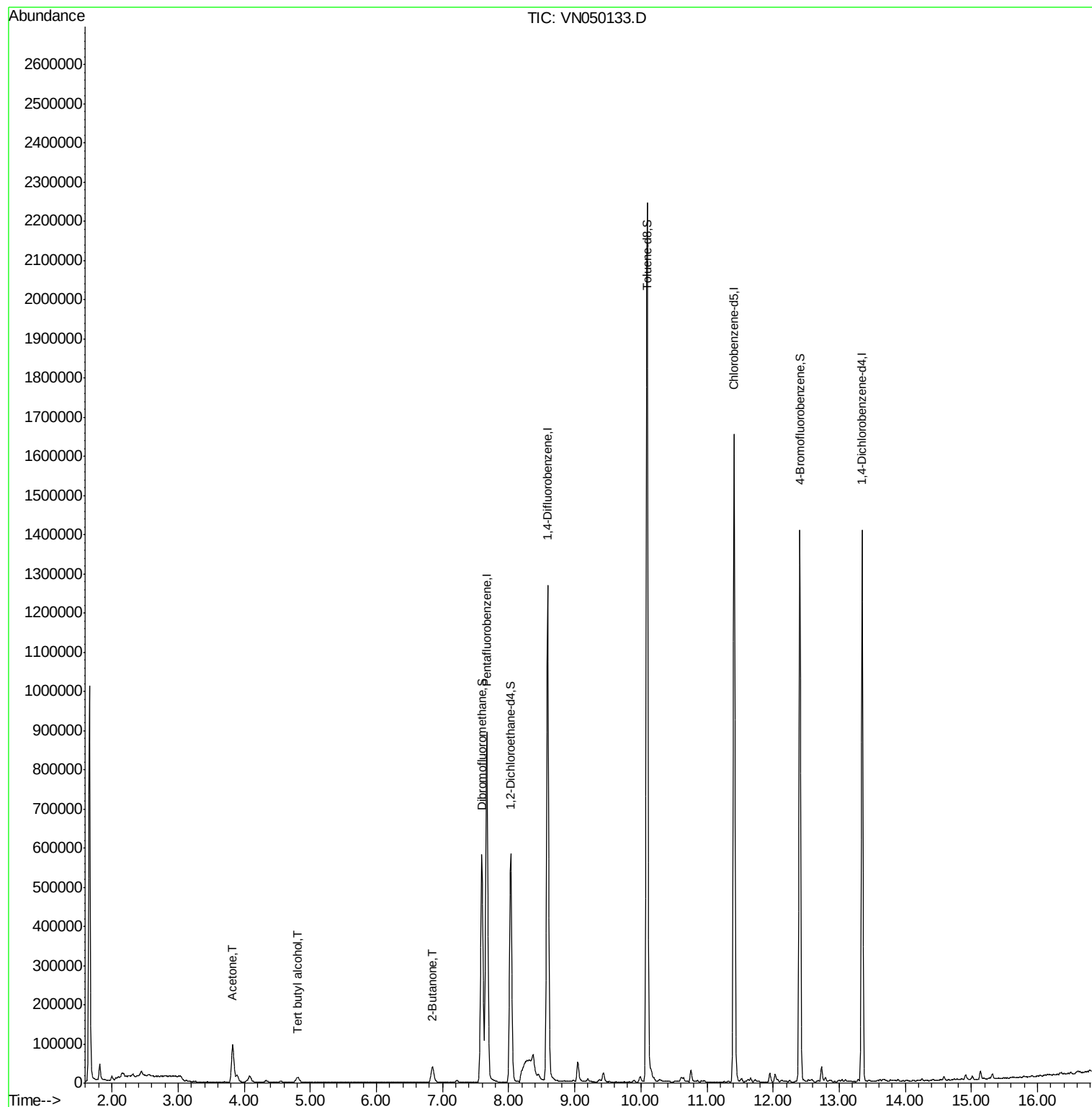
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	774957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1187254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1012360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	398198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	510943	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
35) Dibromofluoromethane	7.59	113	450648	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.98%	
50) Toluene-d8	10.09	98	1628343	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
62) 4-Bromofluorobenzene	12.40	95	475992	40.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.12%	
Target Compounds						
11) Tert butyl alcohol	4.81	59	23358	29.360	ug/l #	85
16) Acetone	3.82	43	162836	60.647	ug/l	97
25) 2-Butanone	6.85	43	65111	15.788	ug/l	98

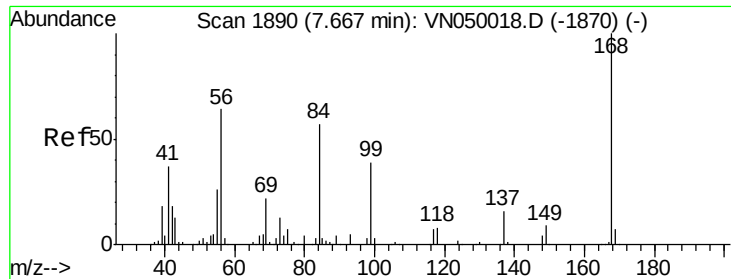
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050133.D

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Instrument :

MSVOA_N

ClientSampleId :

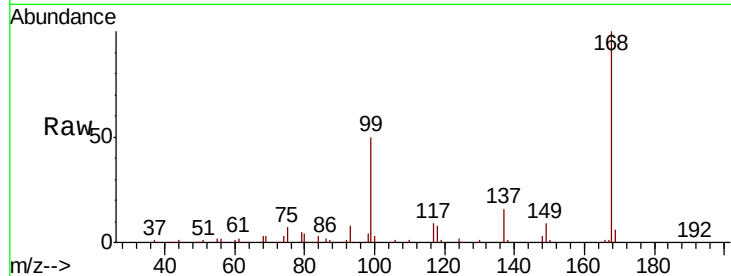
OILY-WATER-TOTESDL

Tot Ion:168 Resp: 774957

Ion Ratio Lower Upper

168 100

99 50.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

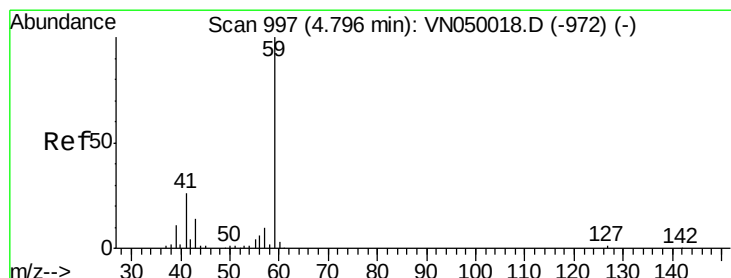
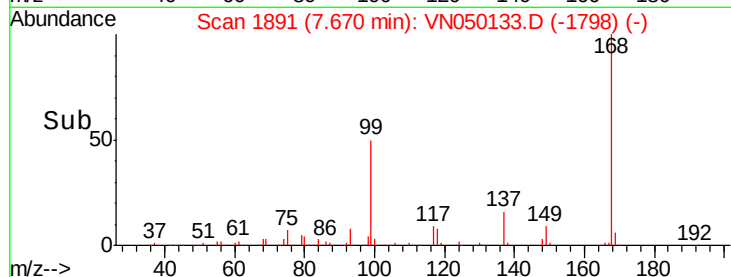
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 29.360 ug/l

RT: 4.81 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN050133.D

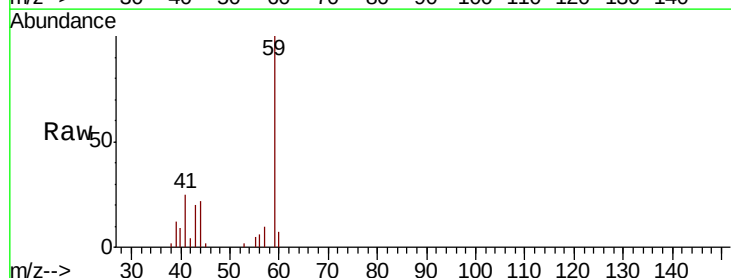
Acq: 27 Jul 2018 16:38

Tgt Ion: 59 Resp: 23358

Ion Ratio Lower Upper

59 100

57 5.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN050018.D (-972) (-)

Ion 57.00 (56.70 to 57.70): VN050018.D (-972) (-)

4.81

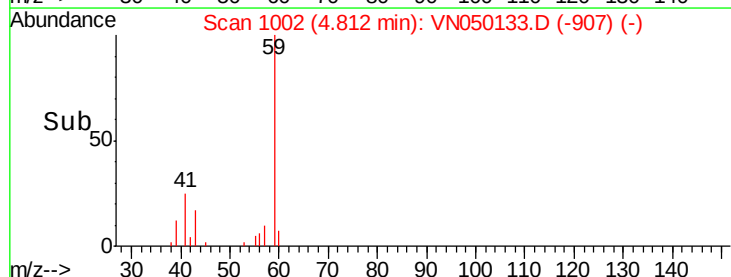
6000

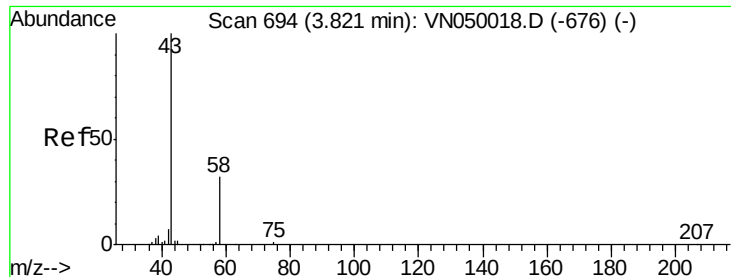
4000

2000

0

Time-->





#16

Acetone

Concen: 60.647 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050133.D

Acq: 27 Jul 2018 16:38

Instrument :

MSVOA_N

ClientSampleId :

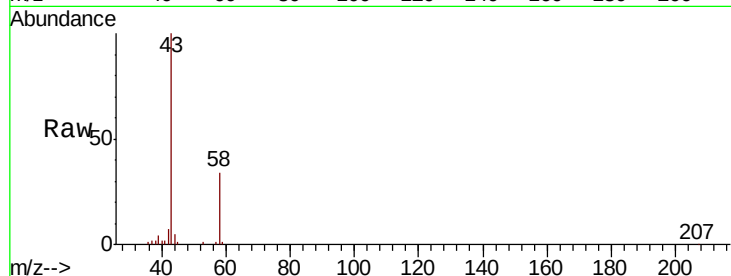
OILY-WATER-TOTESDL

Tot Ion: 43 Resp: 162836

Ion Ratio Lower Upper

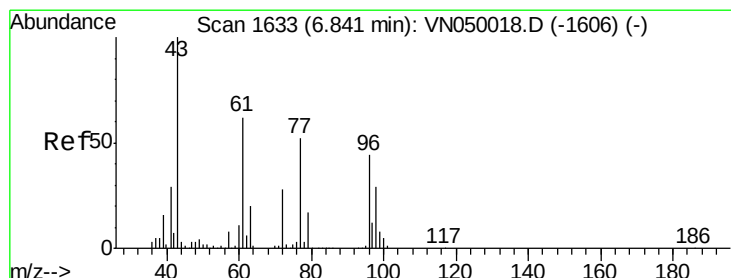
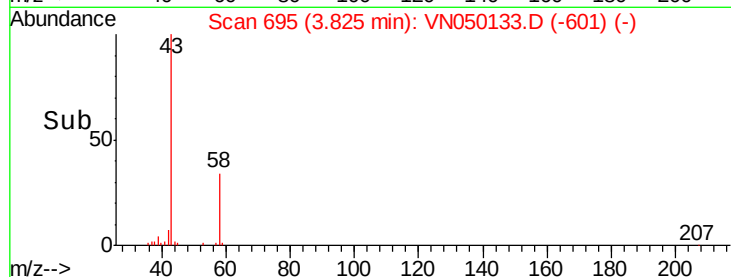
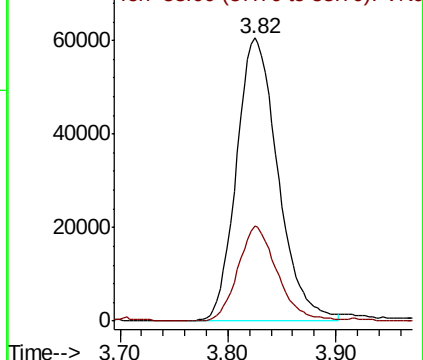
43 100

58 33.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#25

2-Butanone

Concen: 15.788 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VN050133.D

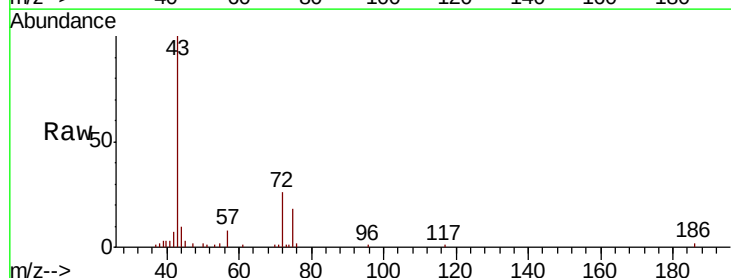
Acq: 27 Jul 2018 16:38

Tgt Ion: 43 Resp: 65111

Ion Ratio Lower Upper

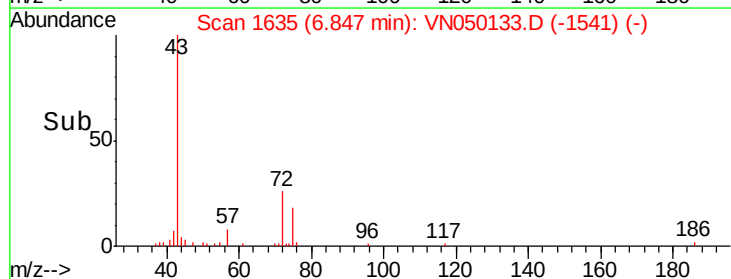
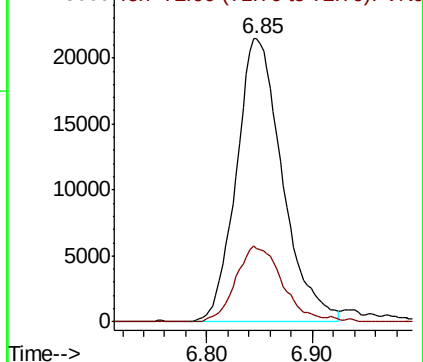
43 100

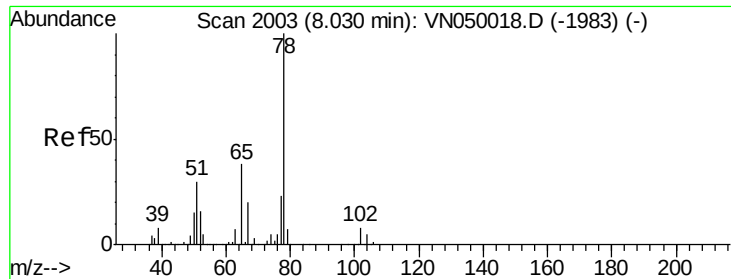
72 26.1 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

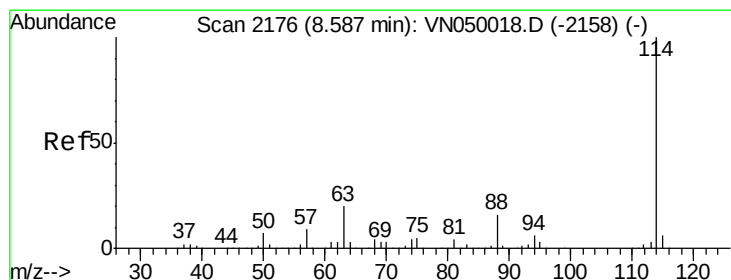
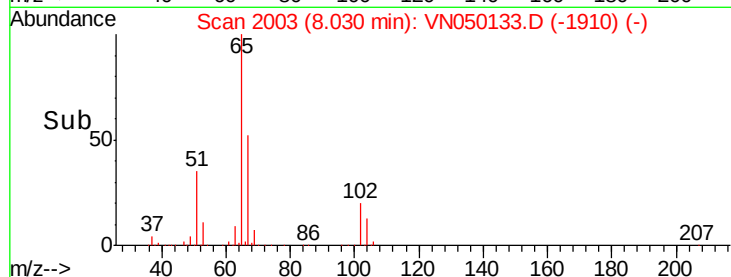
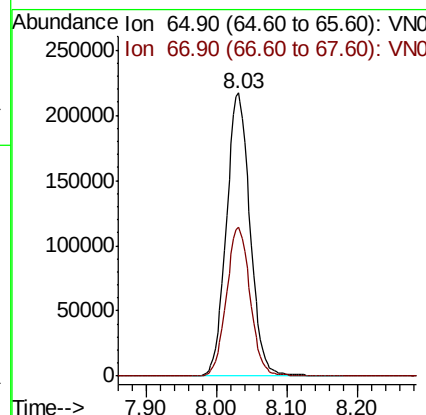
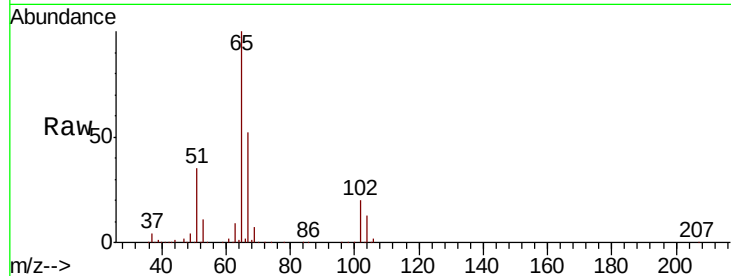




#33
 1,2-Dichloroethane-d4
 Concen: 47.255 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050133.D
 Acq: 27 Jul 2018 16:38

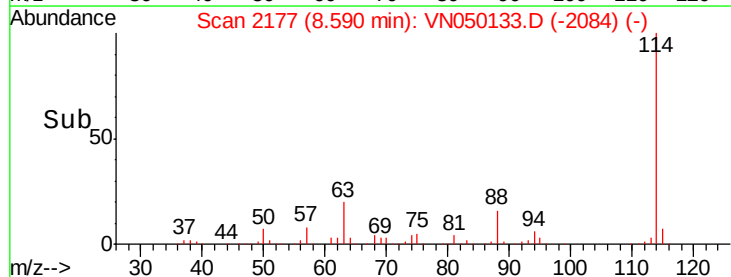
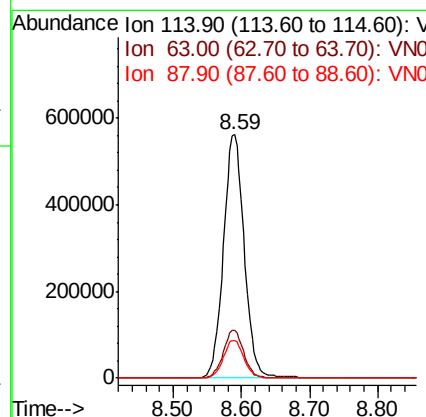
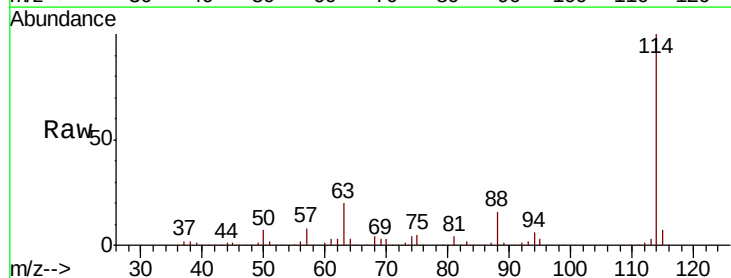
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER-TOTESDL

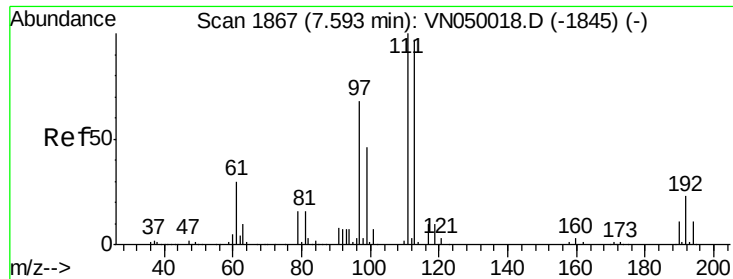
Tot Ion: 65 Resp: 510943
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050133.D
 Acq: 27 Jul 2018 16:38

Tgt Ion: 114 Resp: 1187254
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.6 0.0 31.2

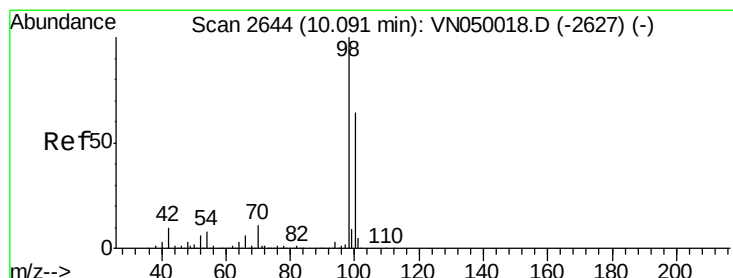
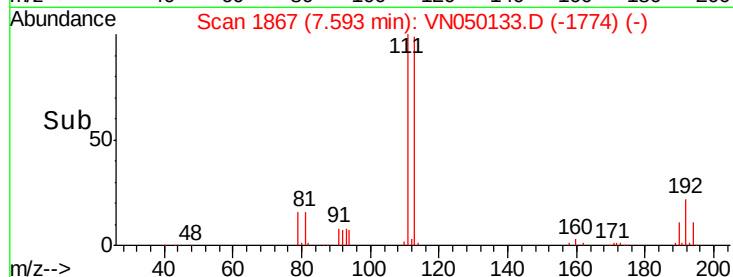
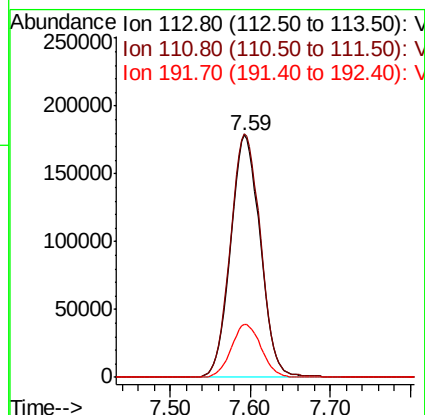
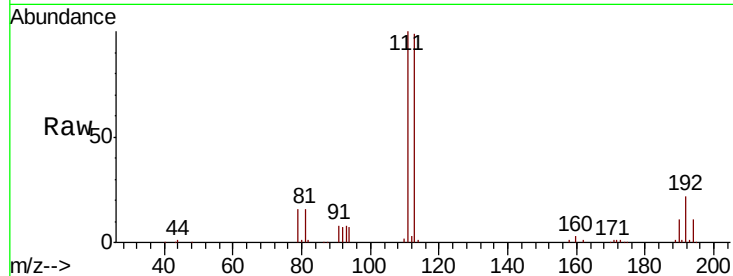




#35
 Dibromofluoromethane
 Concen: 46.489 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050133.D
 Acq: 27 Jul 2018 16:38

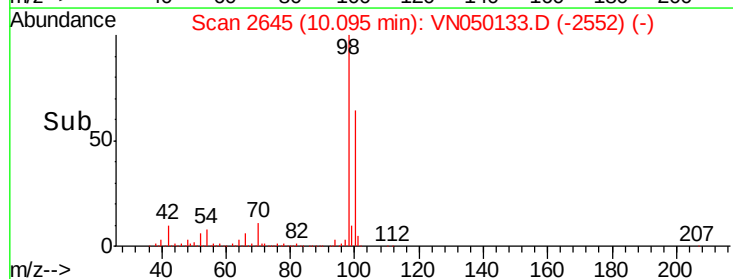
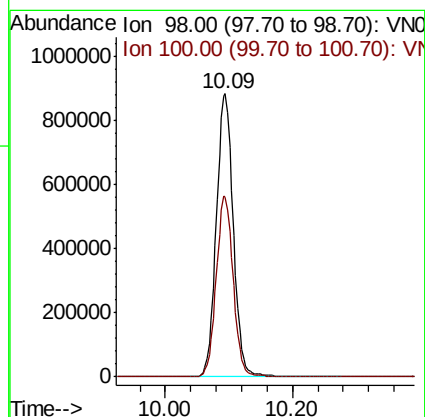
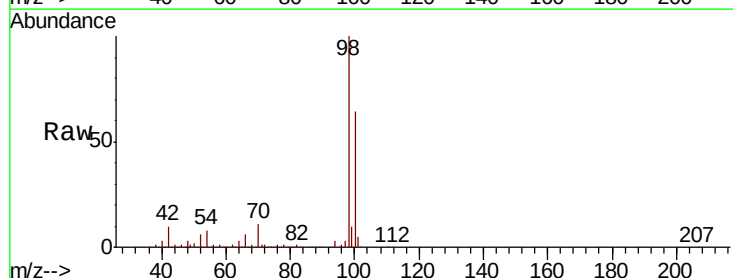
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER-TOTESDL

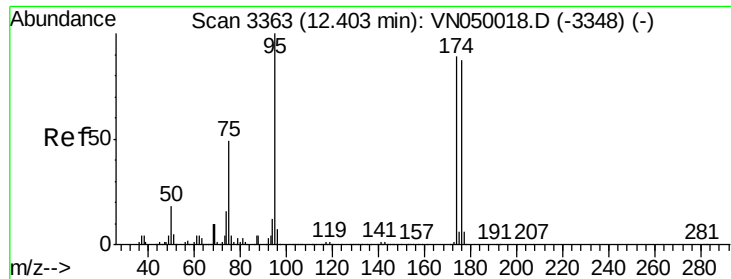
Tot Ion:113 Resp: 450648
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.7 121.1
 192 22.0 17.8 26.6



#50
 Toluene-d8
 Concen: 45.692 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050133.D
 Acq: 27 Jul 2018 16:38

Tgt Ion: 98 Resp: 1628343
 Ion Ratio Lower Upper
 98 100
 100 64.1 50.7 76.1

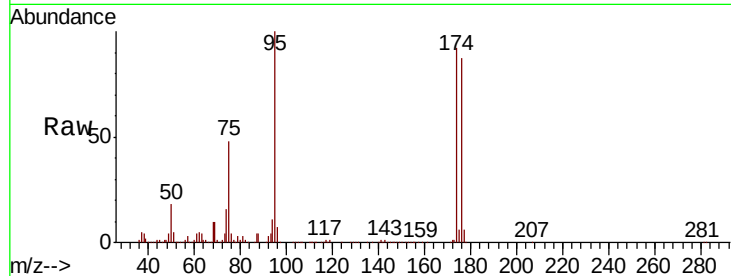




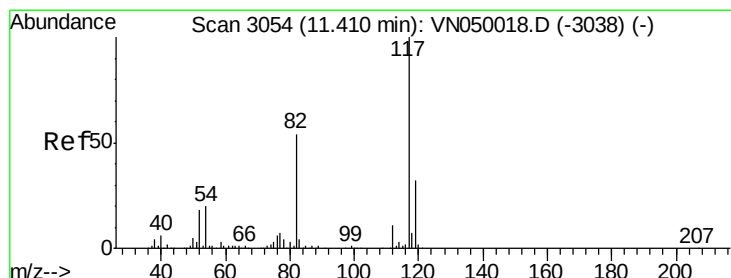
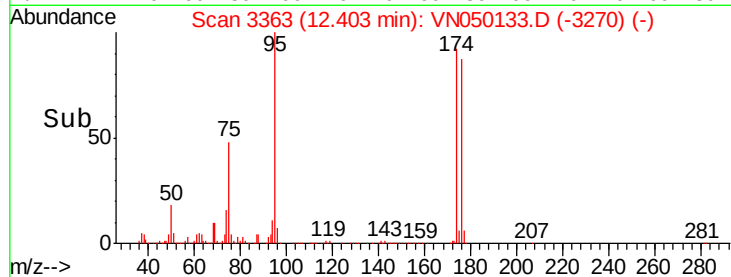
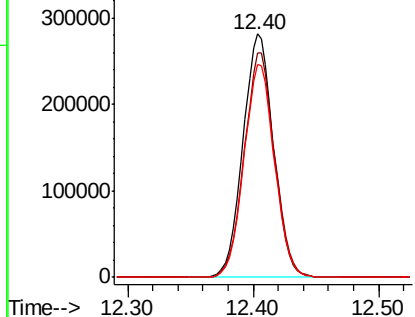
#62
4-Bromofluorobenzene
Concen: 40.563 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050133.D
Acq: 27 Jul 2018 16:38

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTESDL

Tot Ion: 95 Resp: 475992
Ion Ratio Lower Upper
95 100
174 92.0 0.0 178.2
176 87.6 0.0 173.4

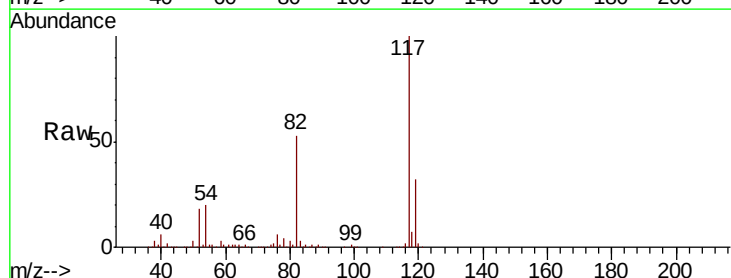


Abundance Ion 94.90 (94.60 to 95.60): VN
Ion 173.80 (173.50 to 174.50): VN
Ion 175.80 (175.50 to 176.50): VN

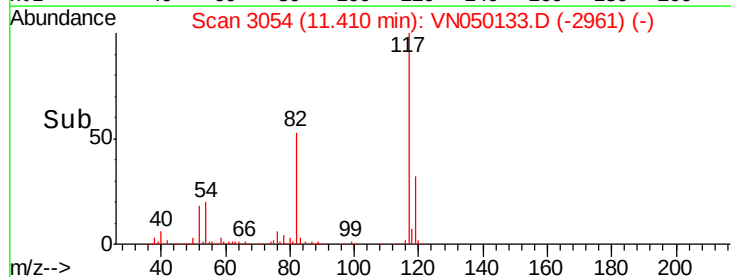
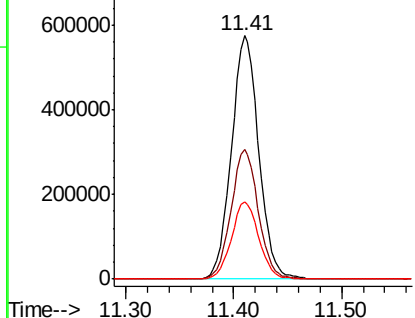


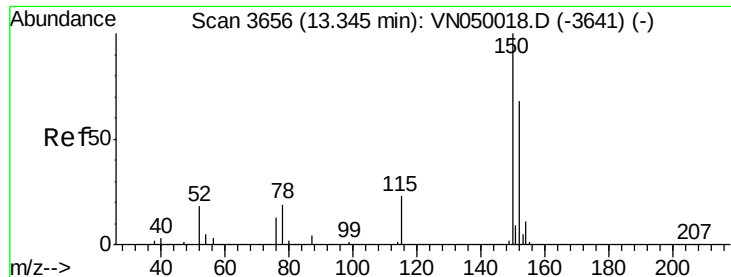
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050133.D
Acq: 27 Jul 2018 16:38

Tgt Ion: 117 Resp: 1012360
Ion Ratio Lower Upper
117 100
82 53.2 43.7 65.5
119 31.9 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VN
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050133.D

Acq: 27 Jul 2018 16:38

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER-TOTESDL

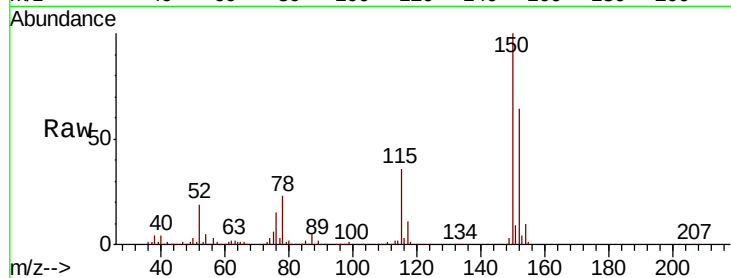
Tot Ion:152 Resp: 398198

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.3

150 155.4 0.0 348.6



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

