

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111518\
 Data File : VN052335.D
 Acq On : 15 Nov 2018 11:43
 Operator : MD\SY
 Sample : J5939-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER

Quant Time: Nov 16 03:24:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

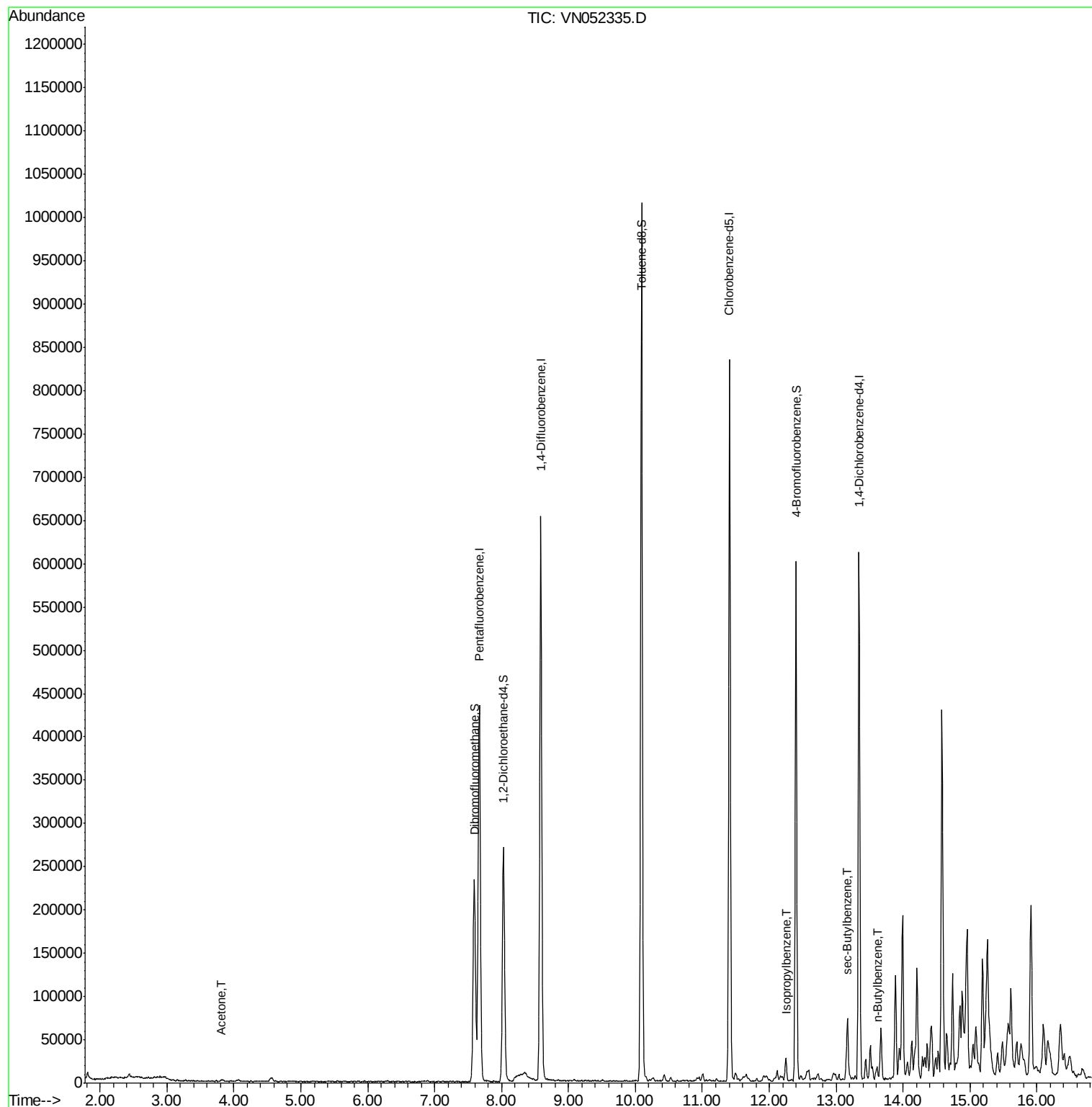
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	322159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	545984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	442341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	222533	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
35) Dibromofluoromethane	7.59	113	171491	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	10.09	98	667805	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.40	95	188500	41.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.72%	
Target Compounds						
16) Acetone	3.82	43	3821	3.05	ug/l	99
73) Isopropylbenzene	12.25	105	14843	1.25	ug/l	94
85) sec-Butylbenzene	13.17	105	44805	3.94	ug/l	94
89) n-Butylbenzene	13.61	91	8430	1.02	ug/l	93

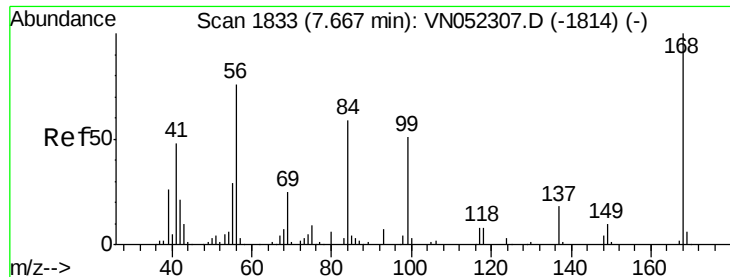
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

Instrument :

MSVOA_N

ClientSampleId :

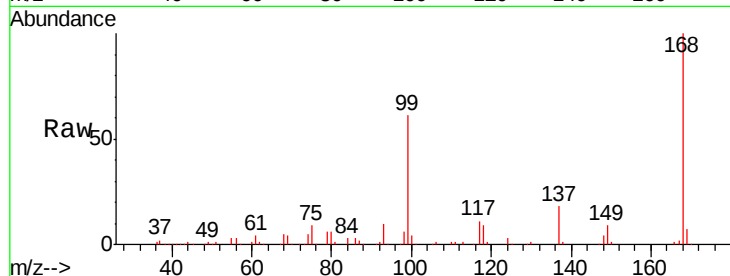
OILY-WATER

Tgt Ion:168 Resp: 322159

Ion Ratio Lower Upper

168 100

99 60.6 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

7.67

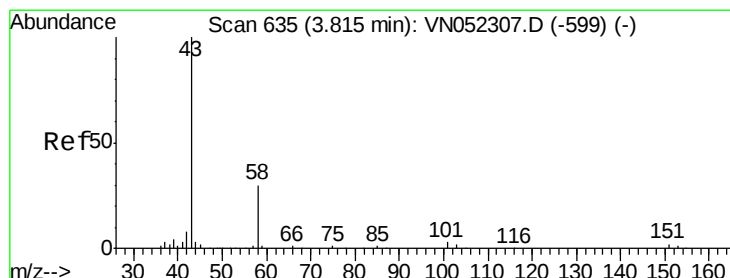
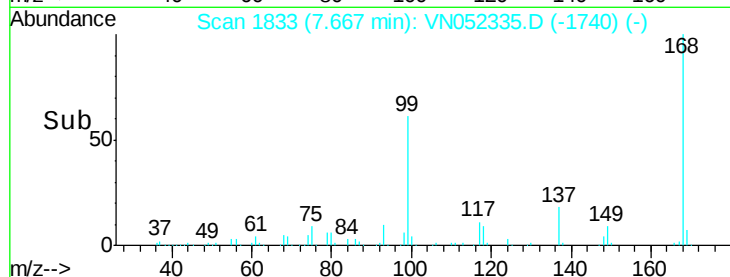
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.05 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052335.D

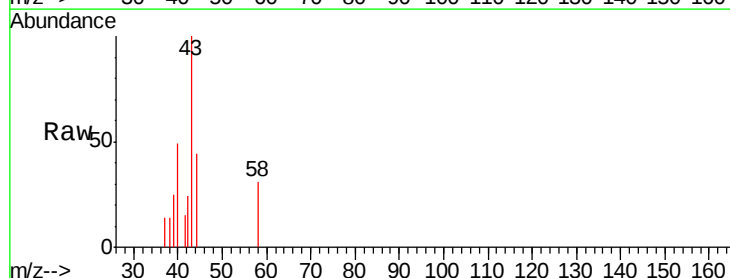
Acq: 15 Nov 2018 11:43

Tgt Ion: 43 Resp: 3821

Ion Ratio Lower Upper

43 100

58 30.7 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-599) (-)

3.82

1200

1000

800

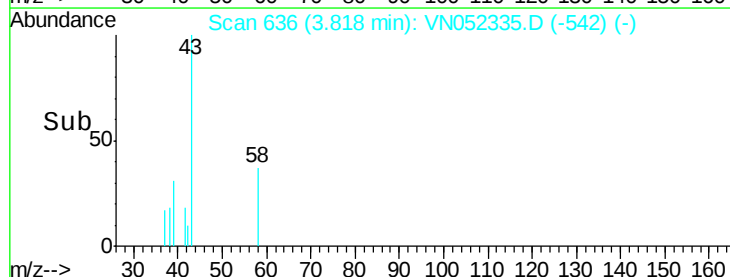
600

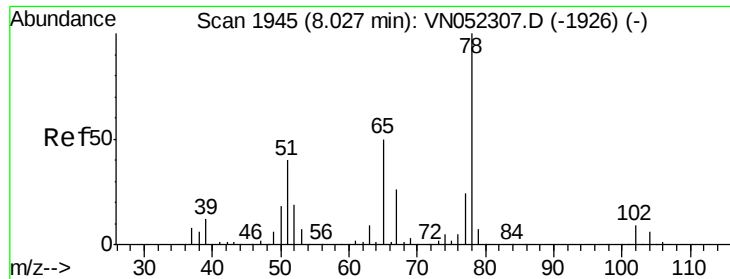
400

200

0

Time-->

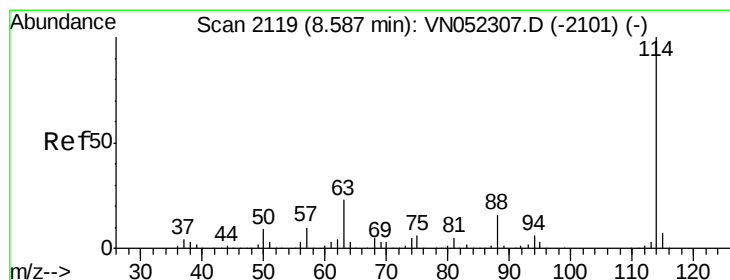
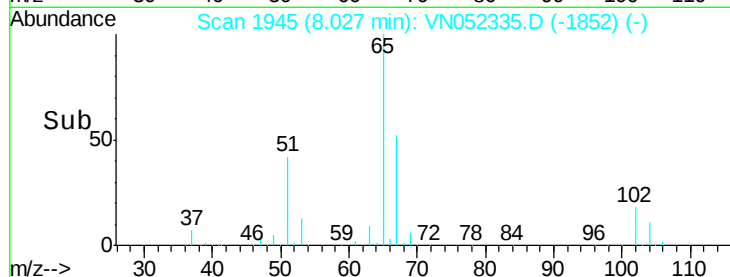
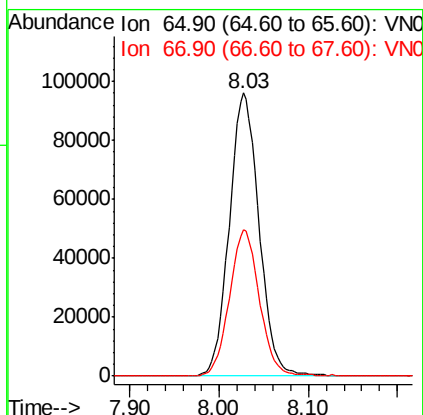
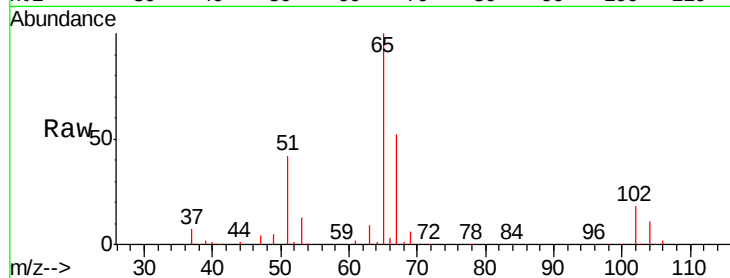




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052335.D
 Acq: 15 Nov 2018 11:43

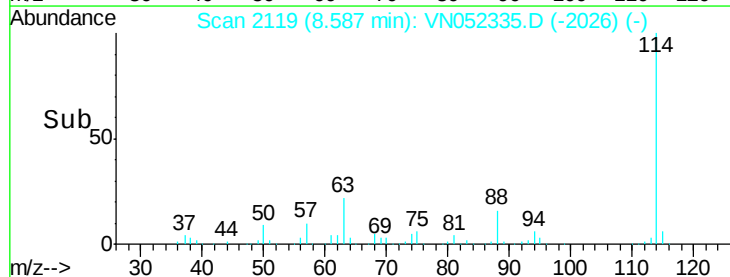
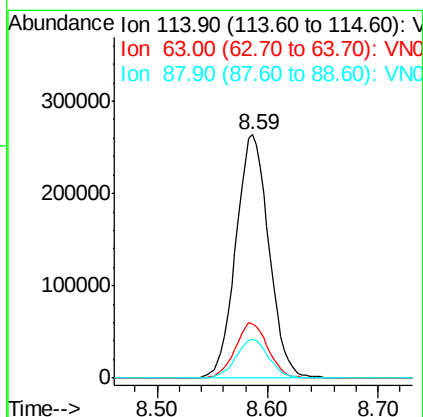
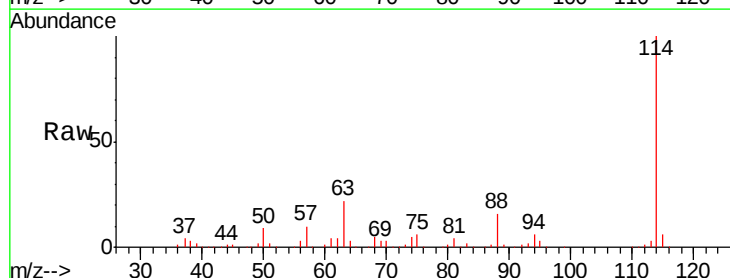
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER

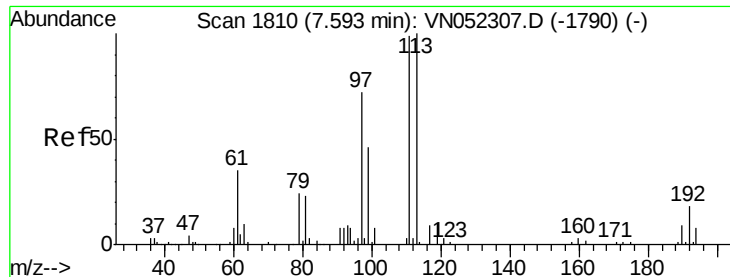
Tgt Ion: 65 Resp: 222533
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052335.D
 Acq: 15 Nov 2018 11:43

Tgt Ion: 114 Resp: 545984
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.4
 88 15.8 0.0 31.2

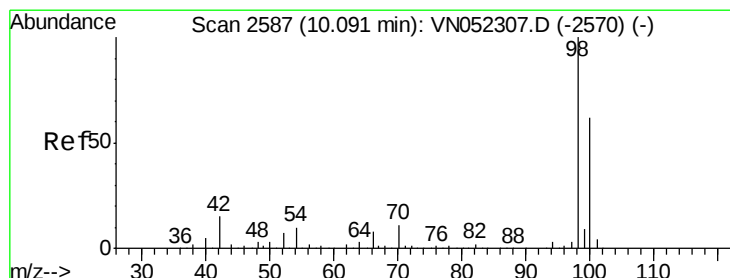
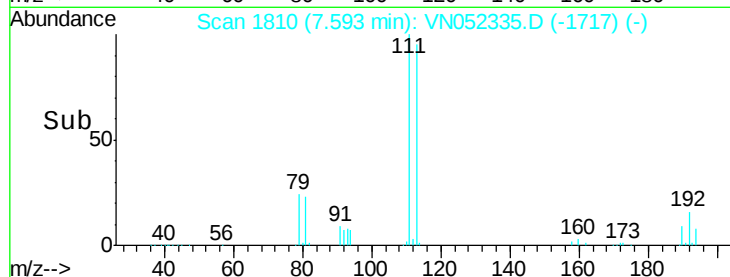
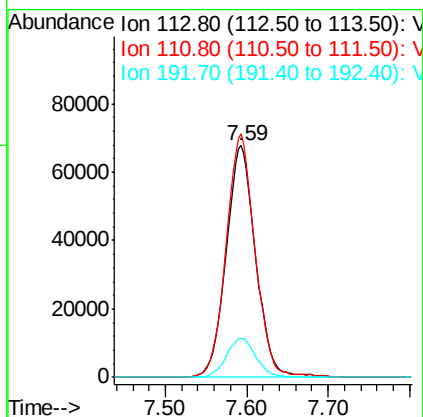
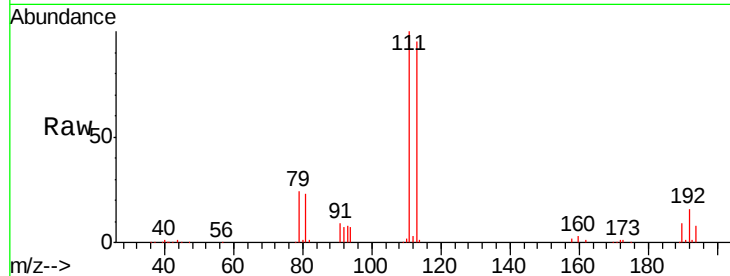




#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052335.D
Acq: 15 Nov 2018 11:43

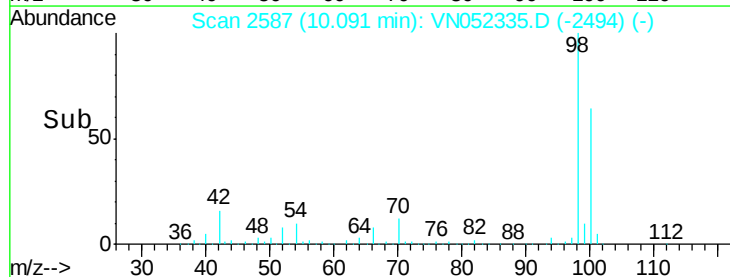
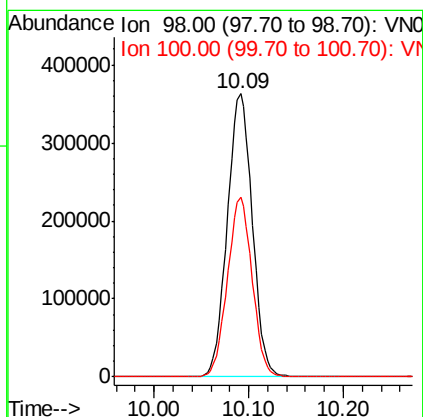
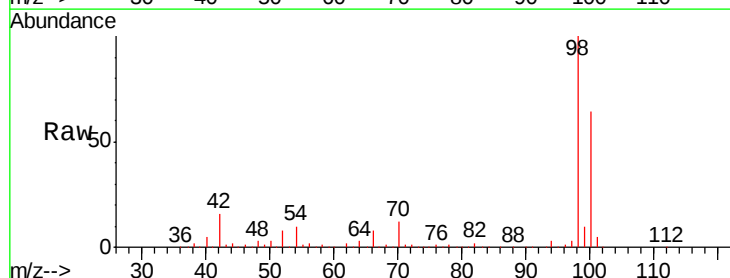
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER

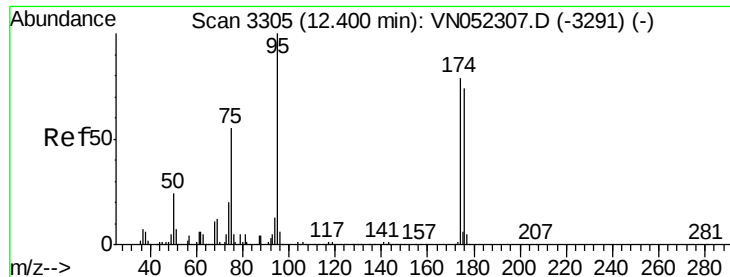
Tgt Ion: 113 Resp: 171491
Ion Ratio Lower Upper
113 100
111 103.2 81.0 121.6
192 16.9 13.8 20.6



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052335.D
Acq: 15 Nov 2018 11:43

Tgt Ion: 98 Resp: 667805
Ion Ratio Lower Upper
98 100
100 62.6 49.5 74.3





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

Instrument :

MSVOA_N

ClientSampled :

OILY-WATER

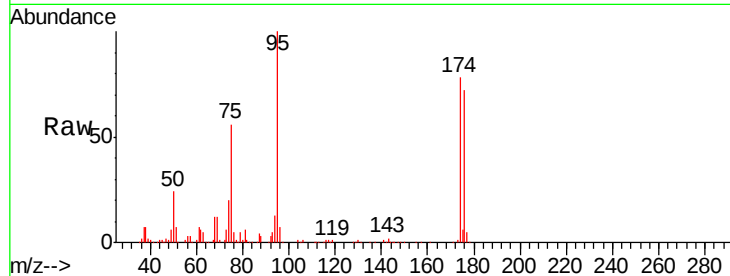
Tgt Ion: 95 Resp: 188500

Ion Ratio Lower Upper

95 100

174 77.1 0.0 156.0

176 72.8 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052335.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052335.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052335.D (-3212) (-)

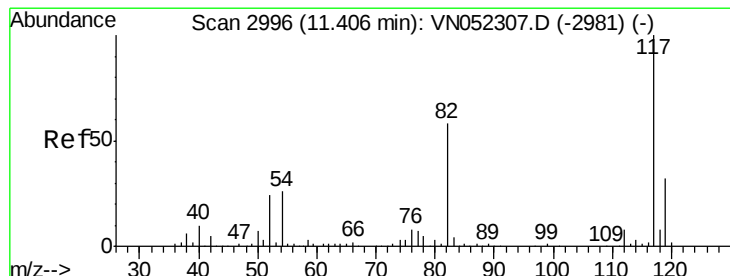
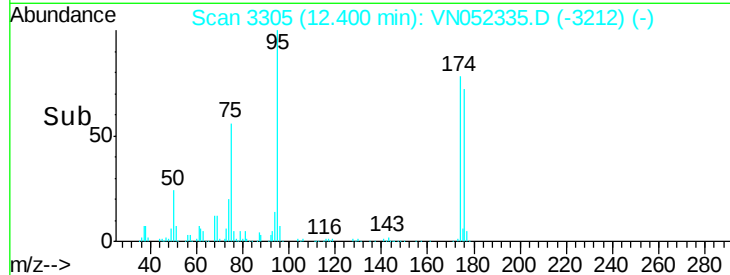
12.40

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

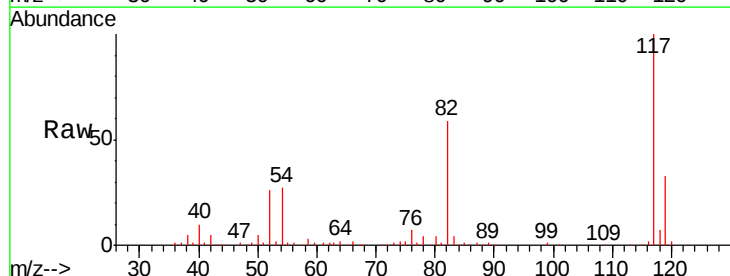
Tgt Ion: 117 Resp: 442341

Ion Ratio Lower Upper

117 100

82 59.3 46.5 69.7

119 32.6 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VN052335.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052335.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052335.D (-2903) (-)

11.41

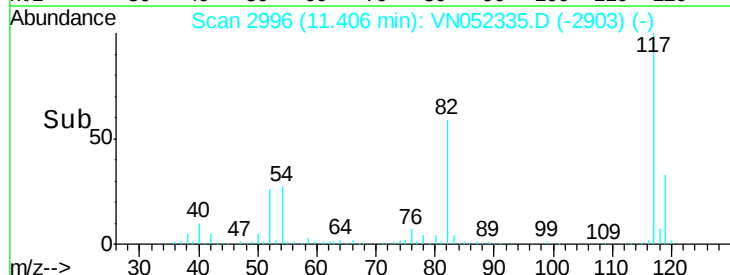
300000

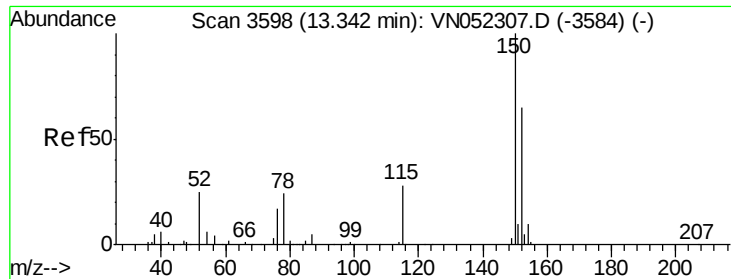
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER

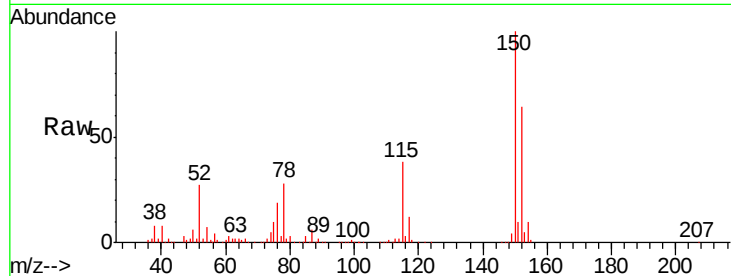
Tgt Ion:152 Resp: 147978

Ion Ratio Lower Upper

152 100

115 59.3 30.3 91.0

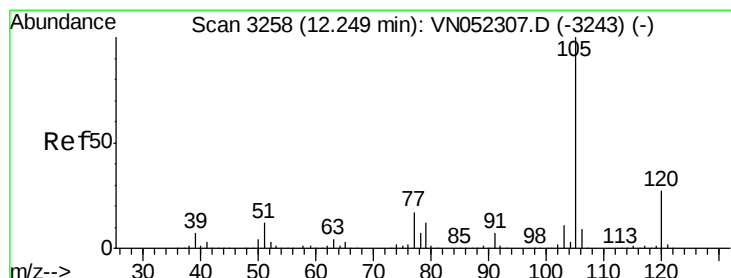
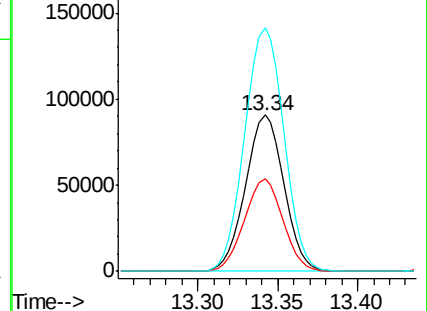
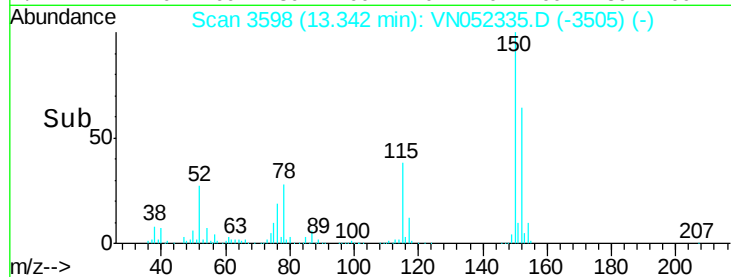
150 159.6 0.0 348.2



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



#73

Isopropylbenzene

Concen: 1.25 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052335.D

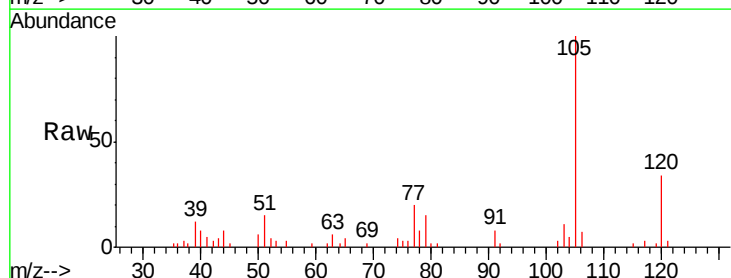
Acq: 15 Nov 2018 11:43

Tgt Ion:105 Resp: 14843

Ion Ratio Lower Upper

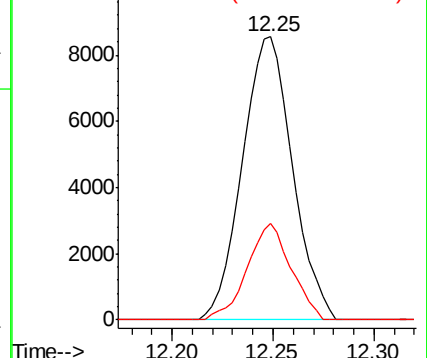
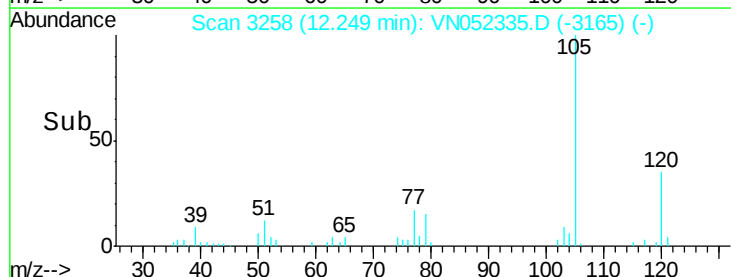
105 100

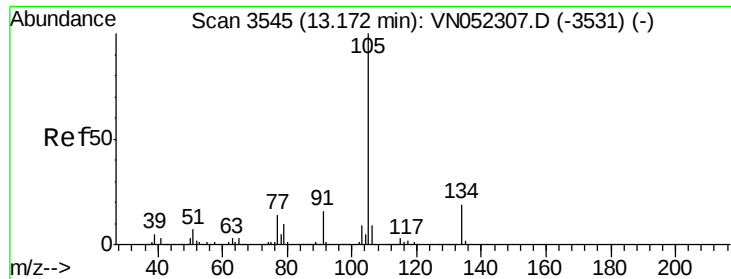
120 29.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 3.94 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

Instrument :

MSVOA_N

ClientSampled :

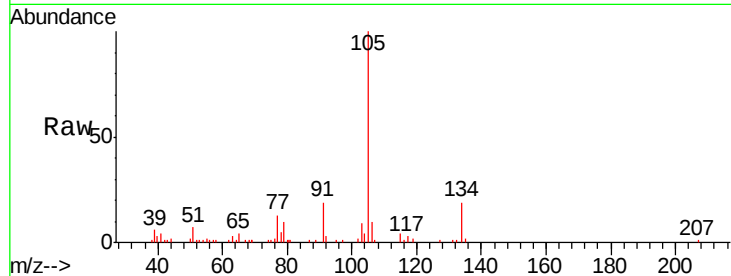
OILY-WATER

Tgt Ion: 105 Resp: 44805

Ion Ratio Lower Upper

105 100

134 21.9 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

30000

25000

20000

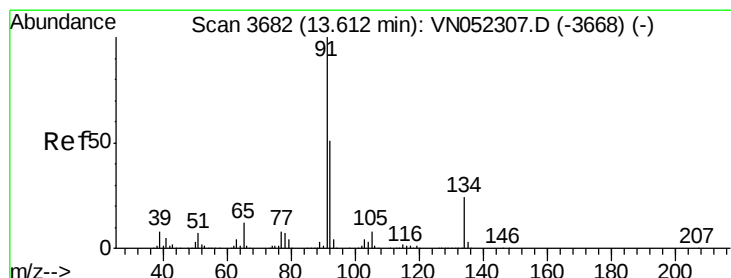
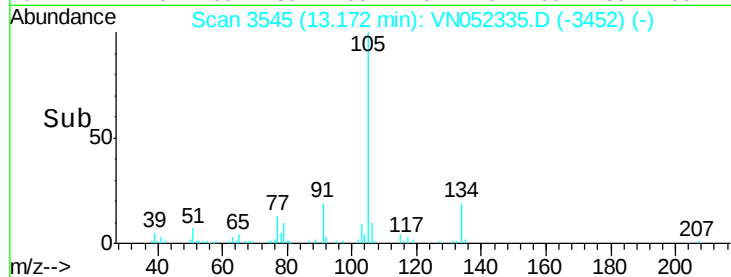
15000

10000

5000

0

Time--> 13.10 13.15 13.20



#89

n-Butylbenzene

Concen: 1.02 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052335.D

Acq: 15 Nov 2018 11:43

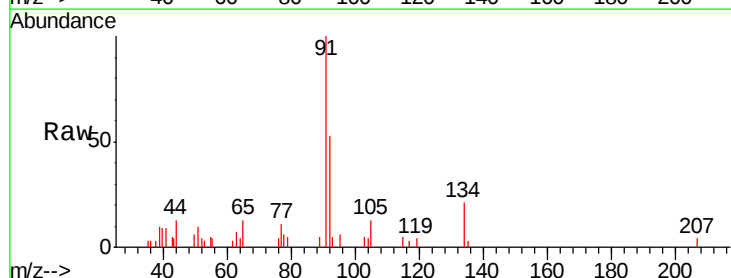
Tgt Ion: 91 Resp: 8430

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.2

134 16.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

6000

4000

2000

0

Time--> 13.55 13.60 13.65

