

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060835.D
 Acq On : 2 Apr 2020 20:28
 Operator : JC/MD
 Sample : L2104-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPARATOR

Quant Time: Apr 03 09:30:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

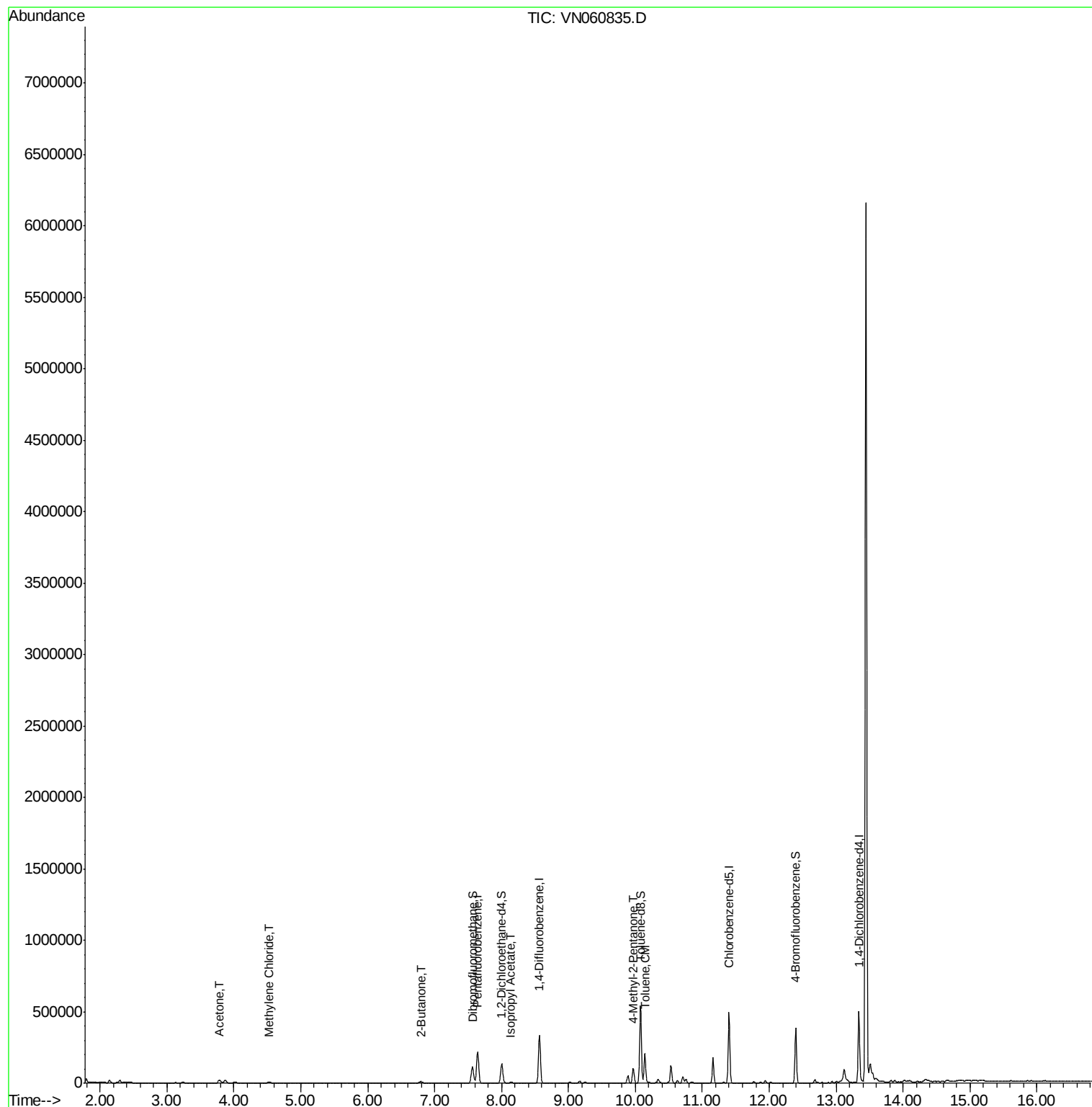
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	179133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	297856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	278103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	117680	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
35) Dibromofluoromethane	7.56	113	89484	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	10.08	98	370849	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.40	95	135967	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
Target Compounds						
16) Acetone	3.78	43	34010	39.044	ug/l	100
20) Methylene Chloride	4.52	84	6919	3.229	ug/l	99
25) 2-Butanone	6.80	43	15659	11.109	ug/l	96
43) Isopropyl Acetate	8.14	43	7892	1.536	ug/l #	89
51) 4-Methyl-2-Pentanone	9.97	43	75144	25.693	ug/l	99
52) Toluene	10.14	92	89925	17.102	ug/l	99

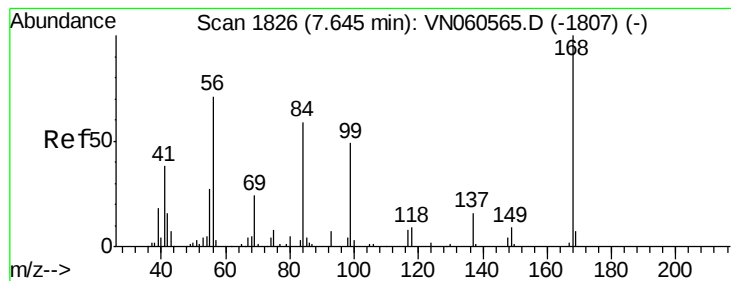
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060835.D

Acq: 2 Apr 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

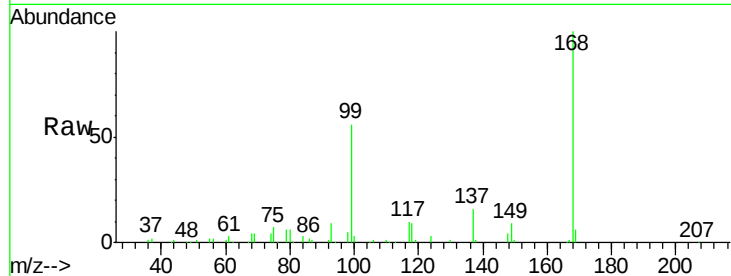
OIL-WATER-SEPARATOR

Tot Ion:168 Resp: 179133

Ion Ratio Lower Upper

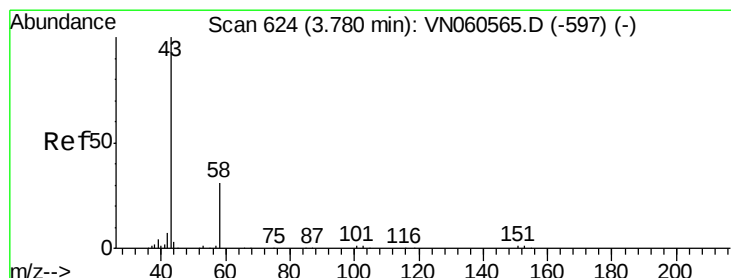
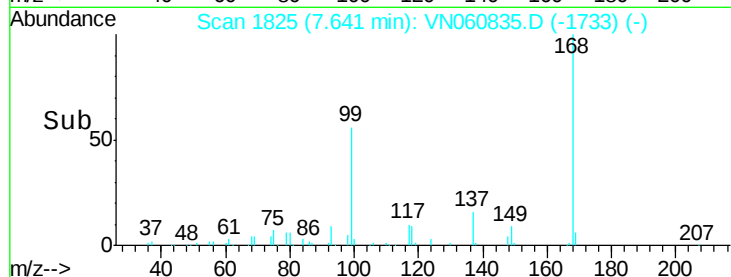
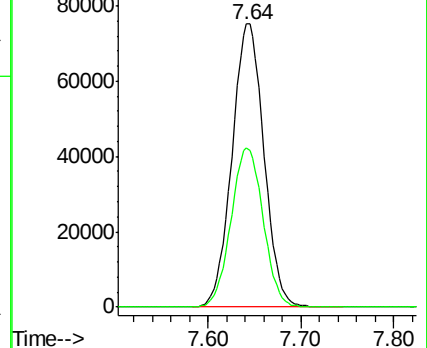
168 100

99 56.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 39.044 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060835.D

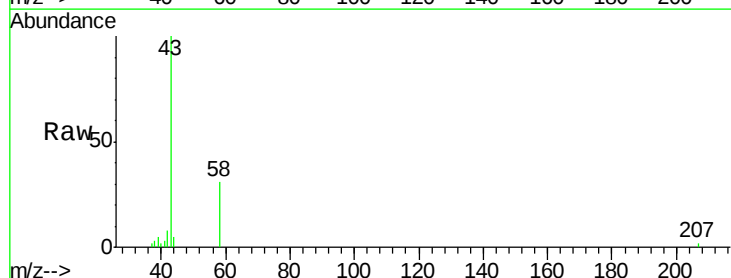
Acq: 2 Apr 2020 20:28

Tgt Ion: 43 Resp: 34010

Ion Ratio Lower Upper

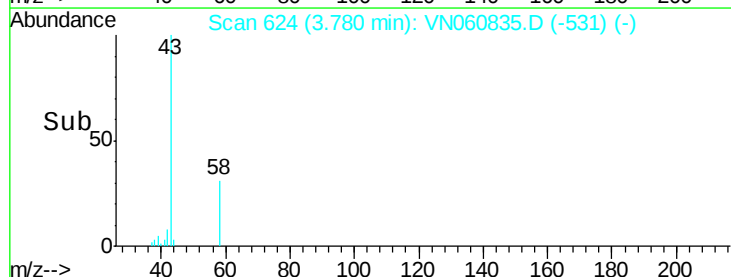
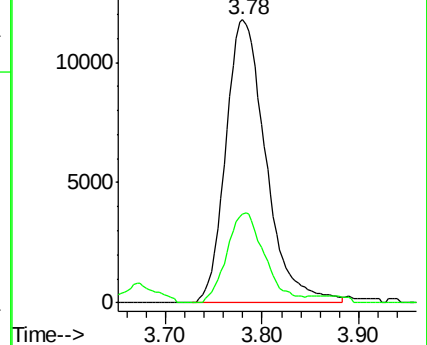
43 100

58 31.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

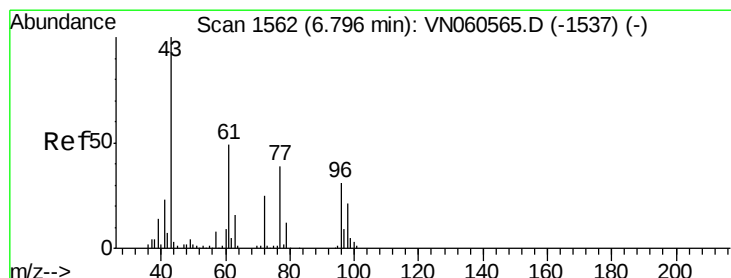
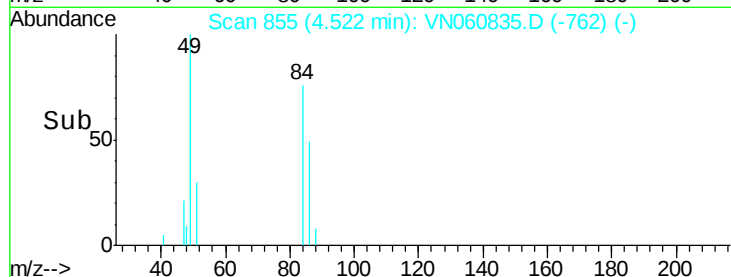
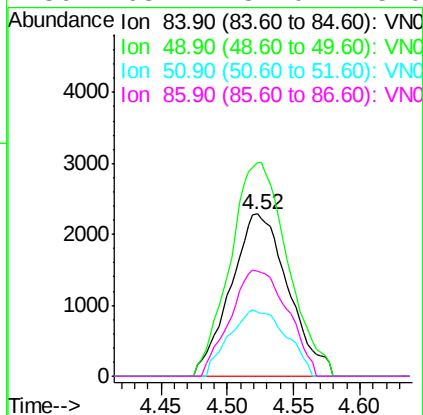
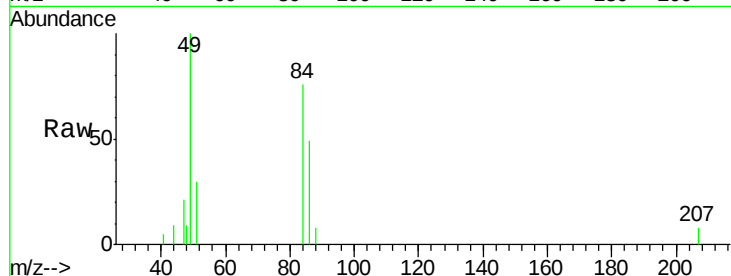




#20
Methvlene Chloride
Concen: 3.229 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060835.D
Acq: 2 Apr 2020 20:28

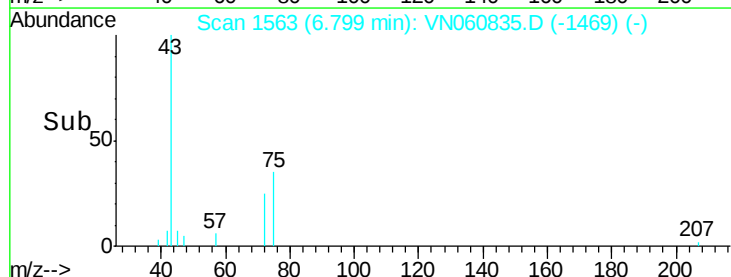
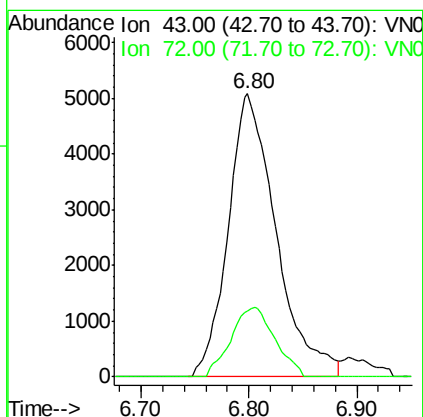
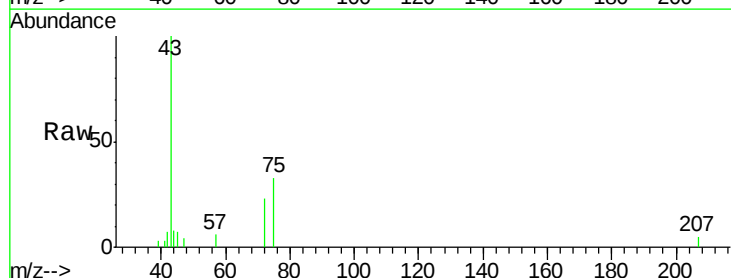
Instrument :
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Tot Ion:	84	Resp:	6919
Ion	Ratio	Lower	Upper
84	100		
49	131.8	103.3	154.9
51	39.6	31.6	47.4
86	65.1	52.0	78.0



#25
2-Butanone
Concen: 11.109 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060835.D
Acq: 2 Apr 2020 20:28

Tgt Ion:	43	Resp:	15659
Ion	Ratio	Lower	Upper
43	100		
72	23.3	20.4	30.6

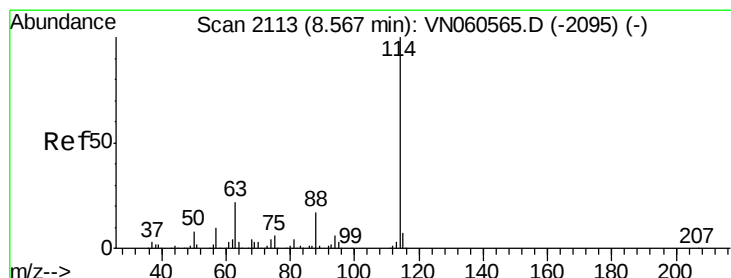
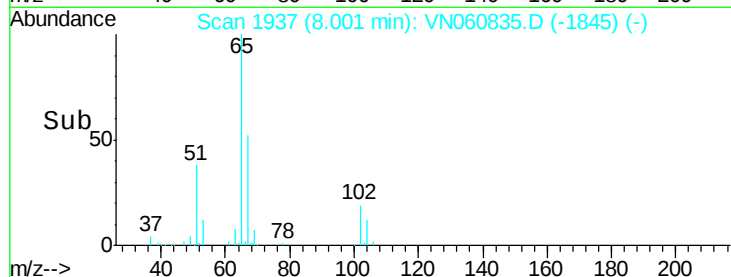
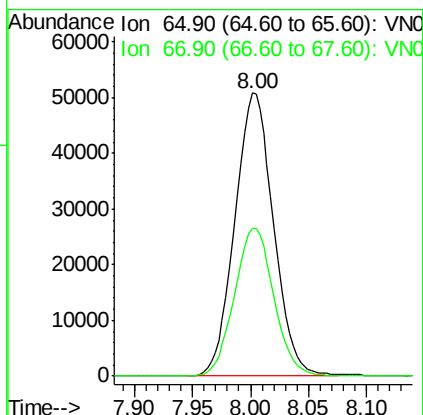
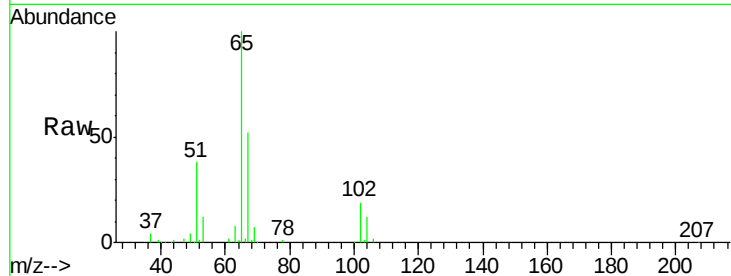




#33
 1,2-Dichloroethane-d4
 Concen: 47.855 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060835.D
 Acq: 2 Apr 2020 20:28

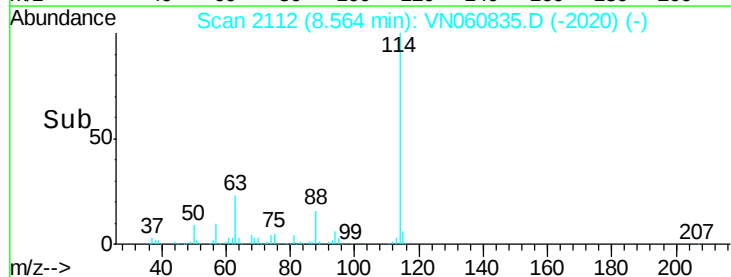
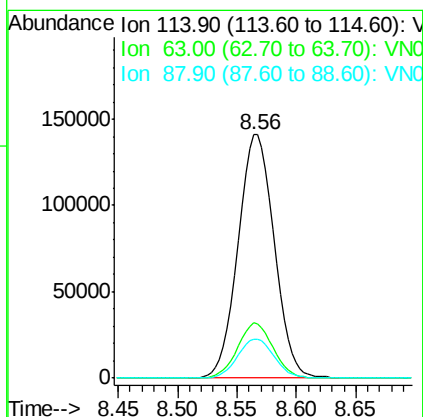
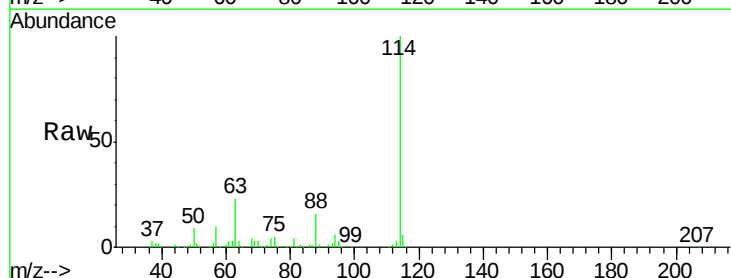
Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPARATOR

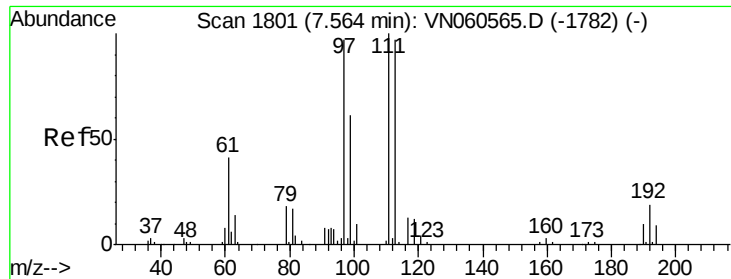
Tot Ion: 65 Resp: 117680
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060835.D
 Acq: 2 Apr 2020 20:28

Tgt Ion: 114 Resp: 297856
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.8
 88 16.2 0.0 33.0

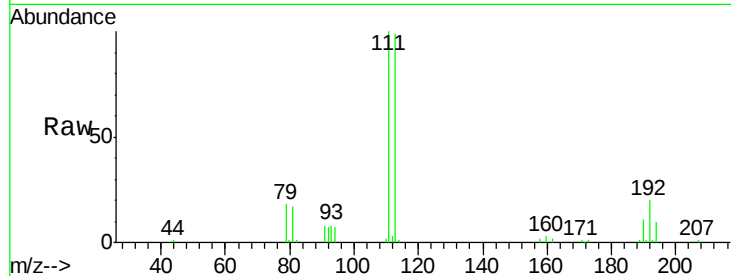




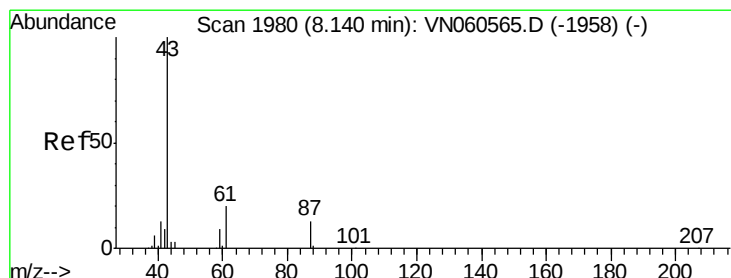
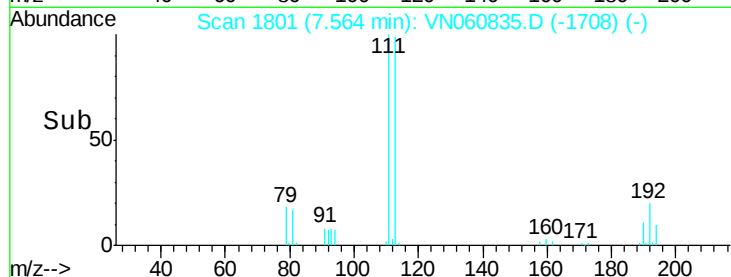
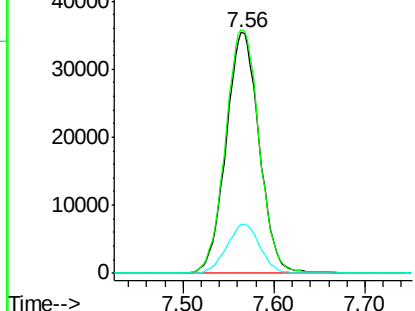
#35
 Dibromofluoromethane
 Concen: 49.685 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060835.D
 Acq: 2 Apr 2020 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPARATOR

Tot Ion:113 Resp: 89484
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.9 124.3
 192 20.3 15.8 23.8

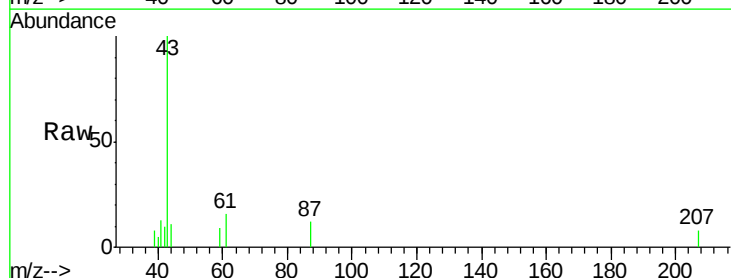


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

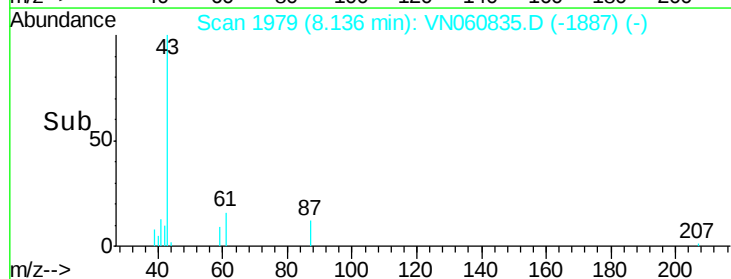
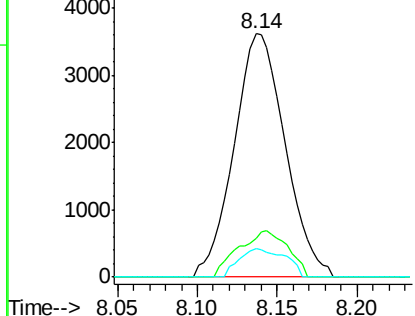


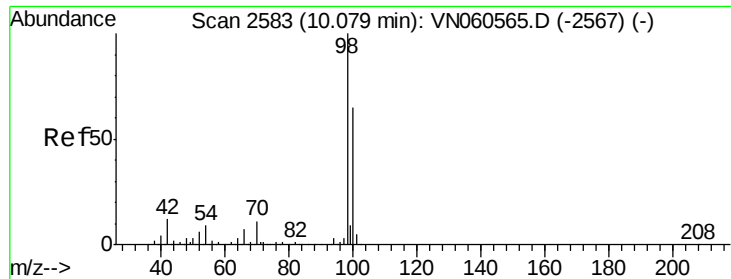
#43
 Isopropyl Acetate
 Concen: 1.536 ug/l
 RT: 8.14 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VN060835.D
 Acq: 2 Apr 2020 20:28

Tgt Ion: 43 Resp: 7892
 Ion Ratio Lower Upper
 43 100
 61 18.4 20.7 31.1#
 87 10.5 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V

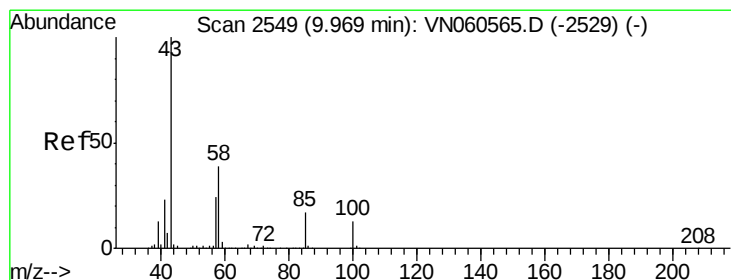
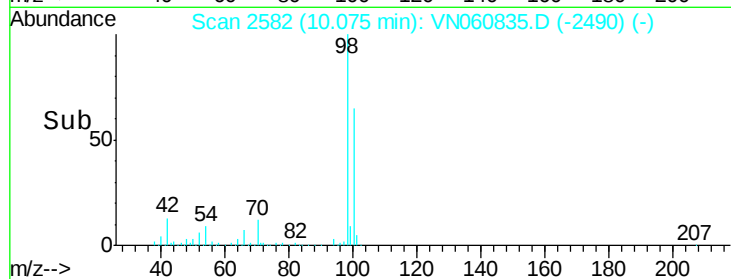
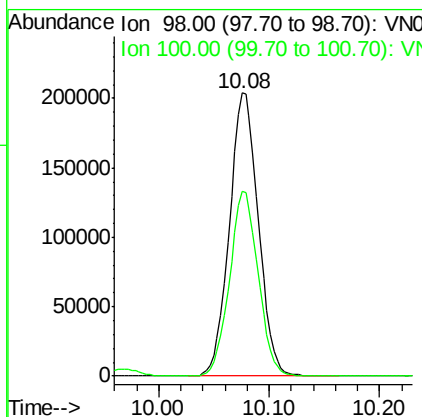
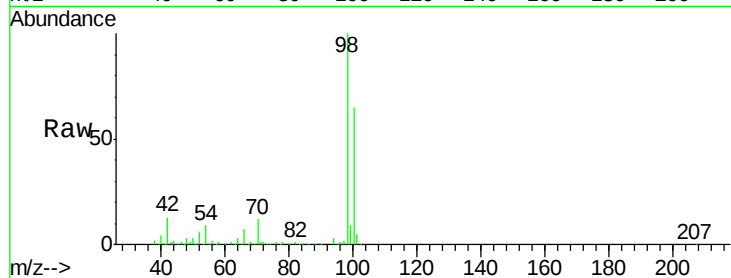




#50
Toluene-d8
Concen: 50.411 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060835.D
Acq: 2 Apr 2020 20:28

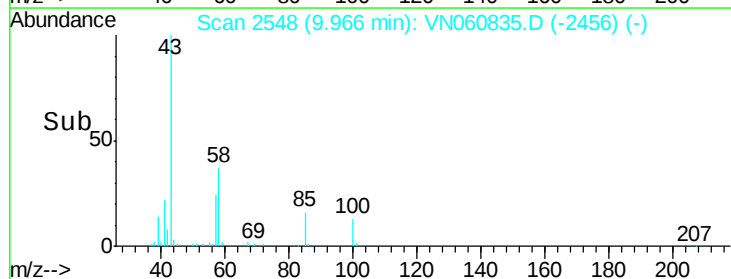
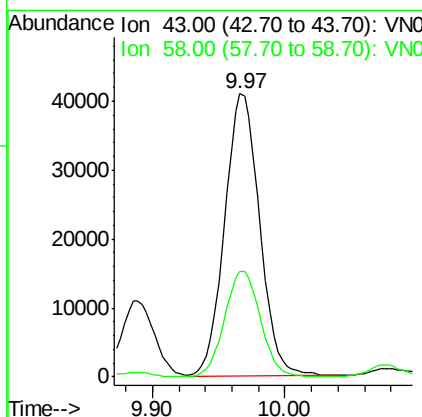
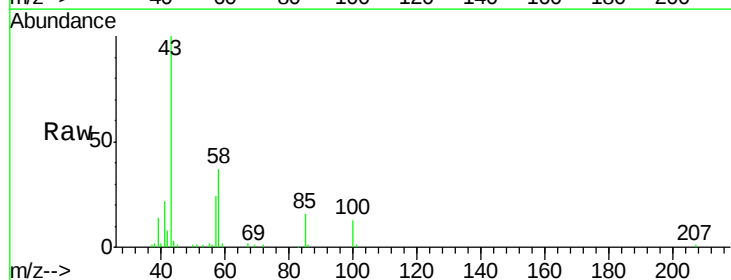
Instrument :
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OIL-WATER-SEPARATOR

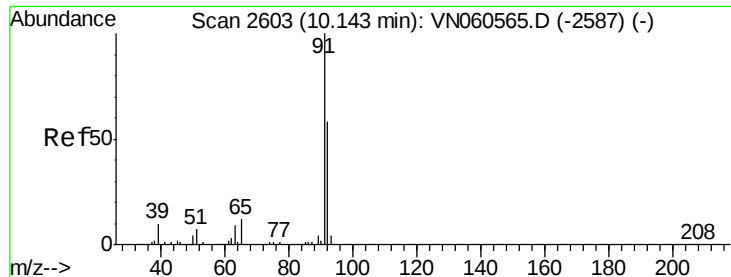
Tot Ion: 98 Resp: 370849
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 25.693 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060835.D
Acq: 2 Apr 2020 20:28

Tgt Ion: 43 Resp: 75144
Ion Ratio Lower Upper
43 100
58 38.1 30.8 46.2





#52

Toluene

Concen: 17.102 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060835.D

Acq: 2 Apr 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

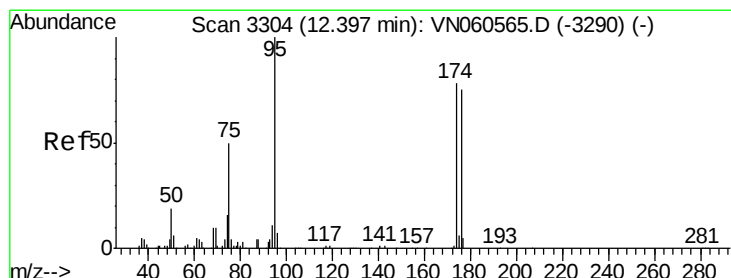
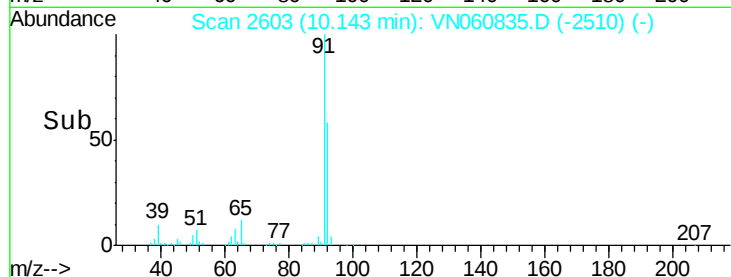
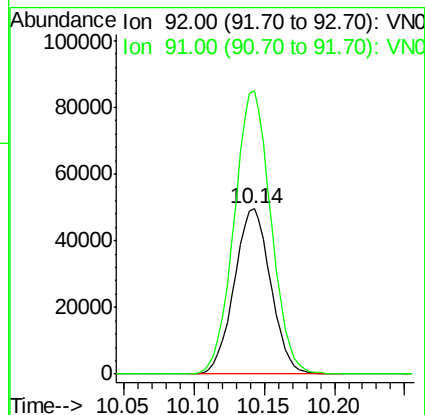
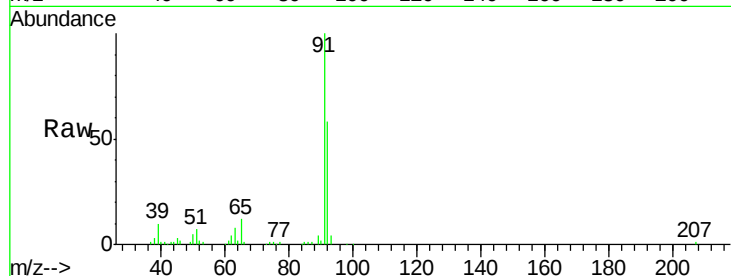
OIL-WATER-SEPARATOR

Tot Ion: 92 Resp: 89925

Ion Ratio Lower Upper

92 100

91 172.8 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 50.432 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060835.D

Acq: 2 Apr 2020 20:28

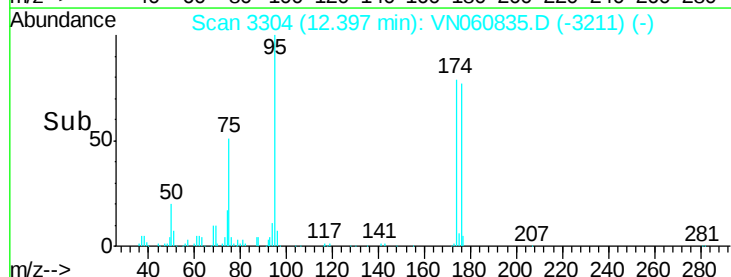
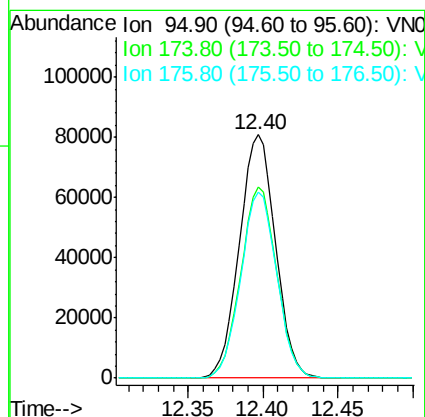
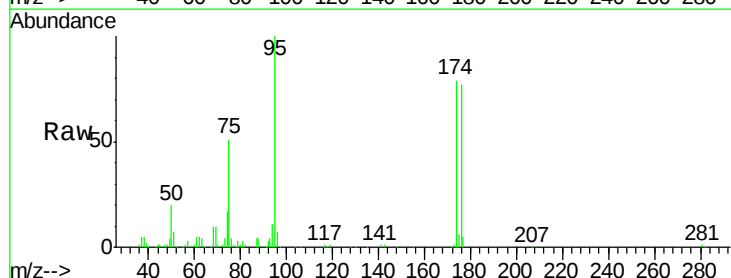
Tgt Ion: 95 Resp: 135967

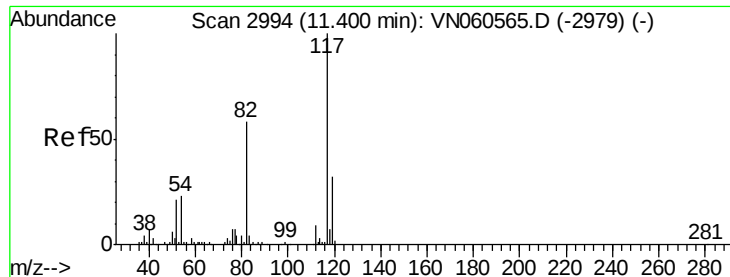
Ion Ratio Lower Upper

95 100

174 78.1 0.0 157.6

176 76.0 0.0 150.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060835.D

Acq: 2 Apr 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR

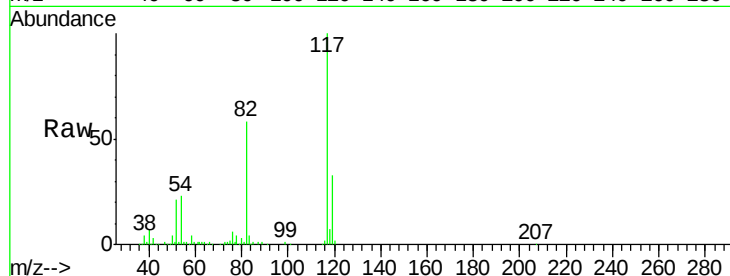
Tot Ion:117 Resp: 278103

Ion Ratio Lower Upper

117 100

82 58.4 46.7 70.1

119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.40

200000

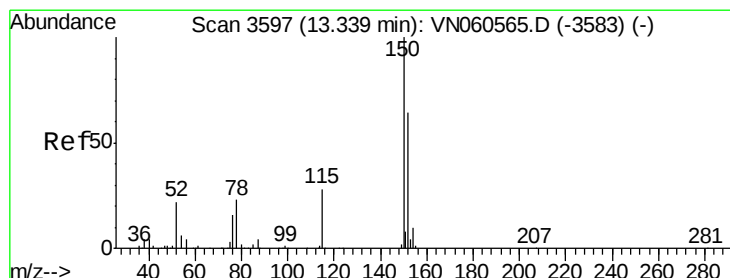
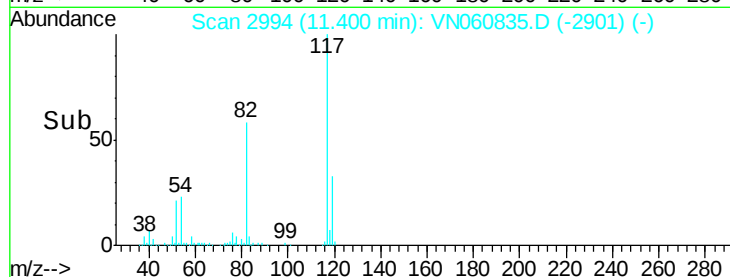
150000

100000

50000

0

Time--> 11.30 11.35 11.40 11.45



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060835.D

Acq: 2 Apr 2020 20:28

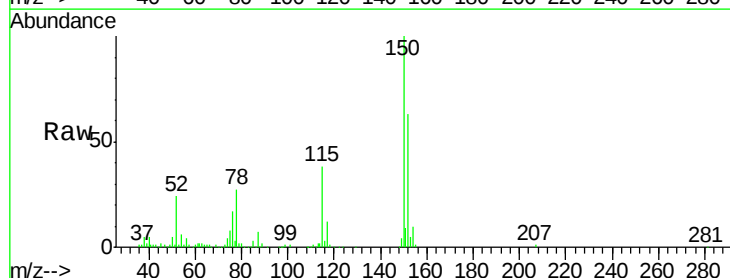
Tgt Ion:152 Resp: 128129

Ion Ratio Lower Upper

152 100

115 60.8 30.2 90.6

150 159.2 0.0 350.2



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

13.34

150000

100000

50000

0

Time--> 13.25 13.30 13.35 13.40

