

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060986.D
 Acq On : 16 Apr 2020 00:56
 Operator : JC/MD
 Sample : L2259-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPARATOR-2

Quant Time: Apr 16 08:30:19 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

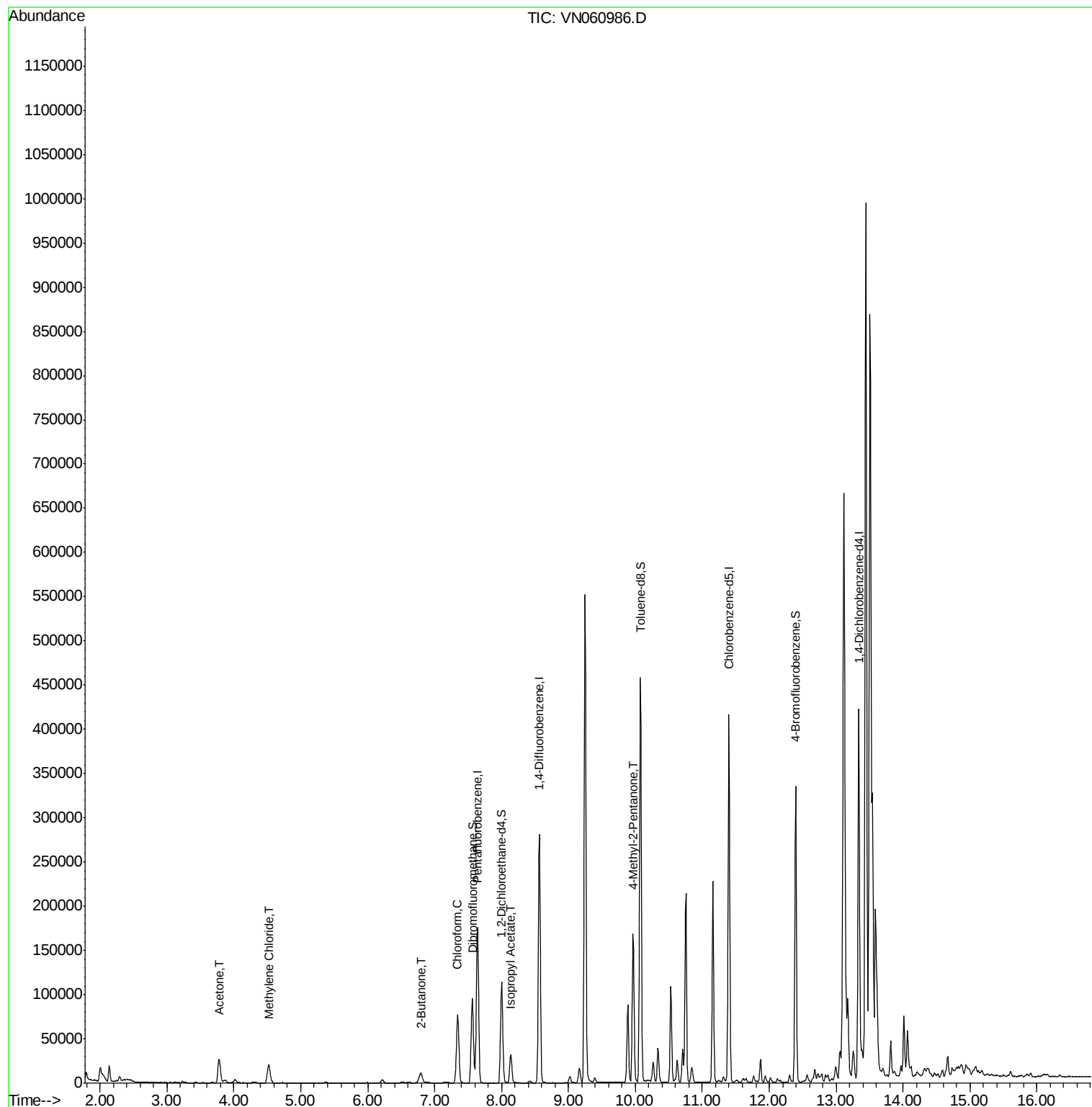
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	143872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	246244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	232393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	108470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97384	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
35) Dibromofluoromethane	7.56	113	74314	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	10.08	98	308911	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.39	95	116840	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
Target Compounds						
16) Acetone	3.78	43	47869	68.424	ug/l	97
20) Methylene Chloride	4.52	84	15615	9.073	ug/l	98
25) 2-Butanone	6.80	43	18006	15.905	ug/l	94
30) Chloroform	7.35	83	81355	26.895	ug/l	100
43) Isopropyl Acetate	8.14	43	39433	9.281	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	121863	50.401	ug/l	98

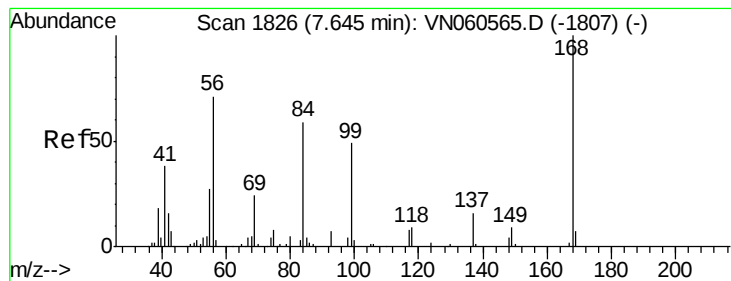
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060986.D

Acq: 16 Apr 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

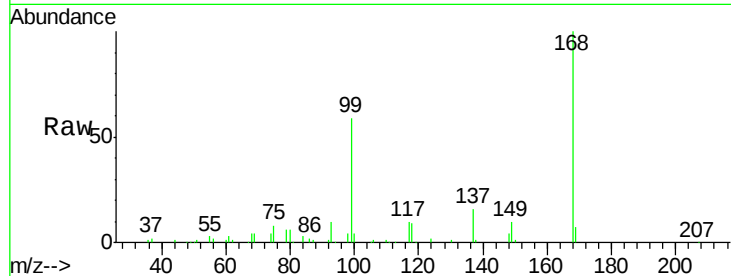
OIL-WATER-SEPARATOR-2

Tot Ion:168 Resp: 143872

Ion Ratio Lower Upper

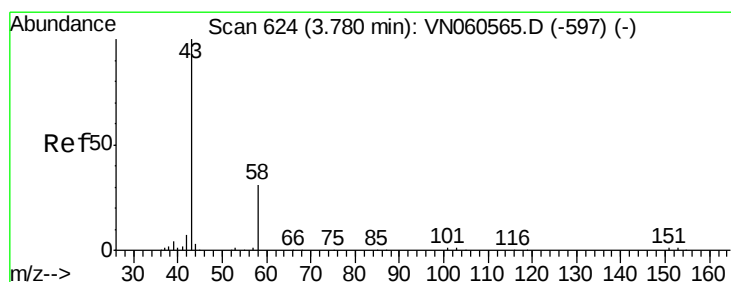
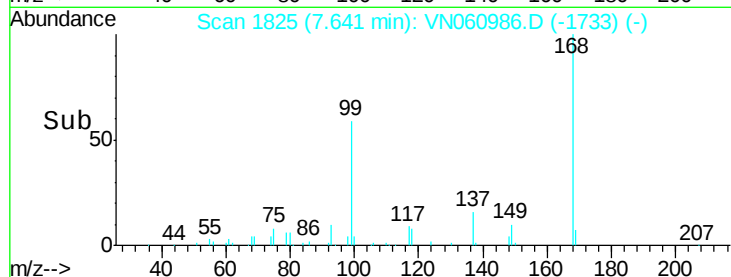
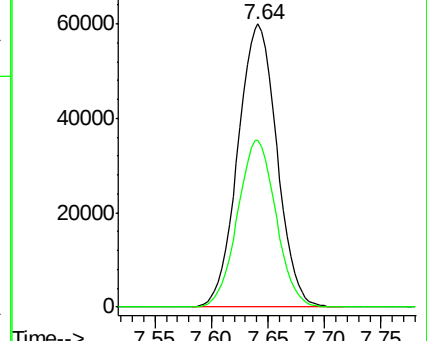
168 100

99 58.9 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: 68.424 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060986.D

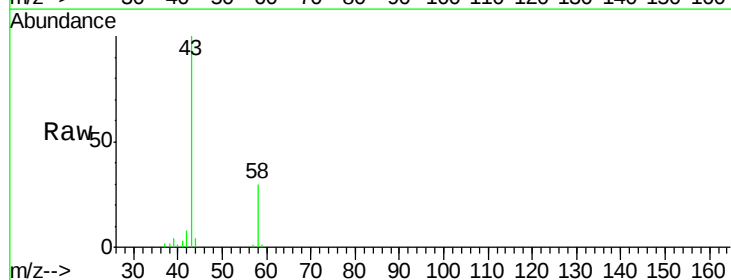
Acq: 16 Apr 2020 00:56

Tgt Ion: 43 Resp: 47869

Ion Ratio Lower Upper

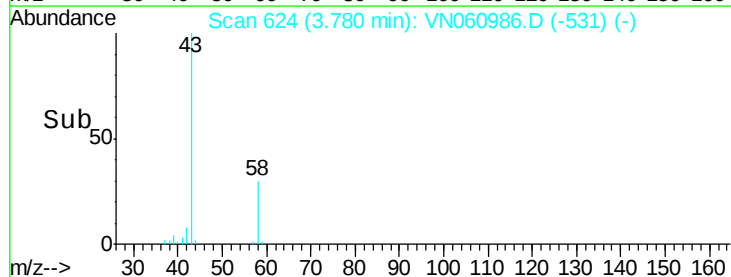
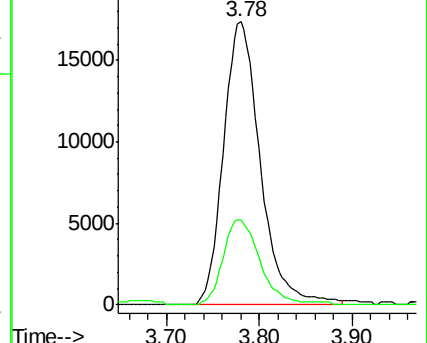
43 100

58 29.8 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: 9.073 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060986.D

Acq: 16 Apr 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-2

Tot Ion: 84 Resp: 15615

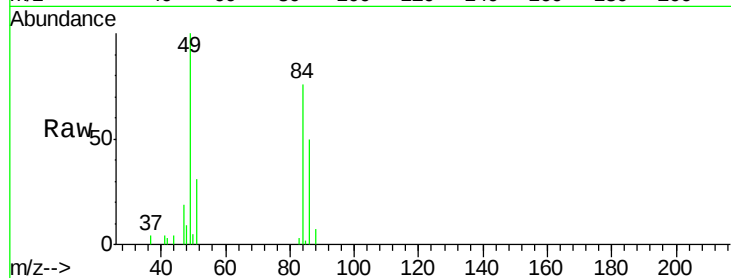
Ion Ratio Lower Upper

84 100

49 132.0 103.3 154.9

51 40.6 31.6 47.4

86 66.0 52.0 78.0

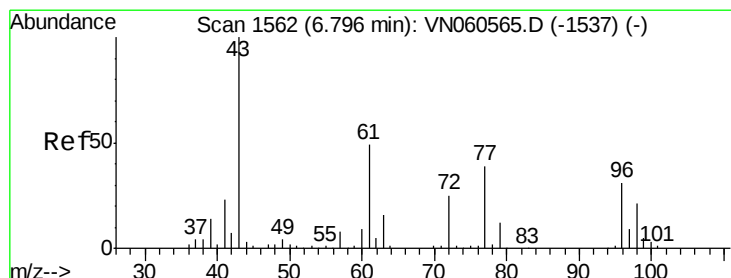
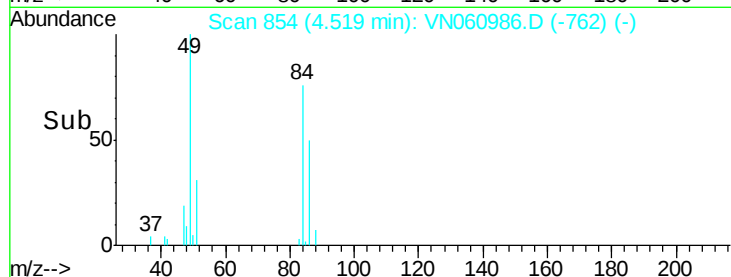
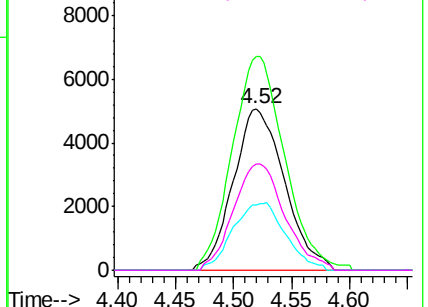


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 15.905 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060986.D

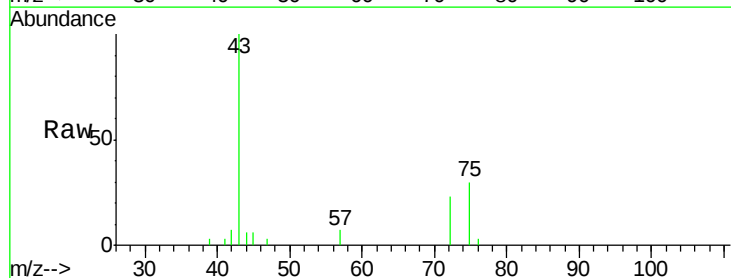
Acq: 16 Apr 2020 00:56

Tgt Ion: 43 Resp: 18006

Ion Ratio Lower Upper

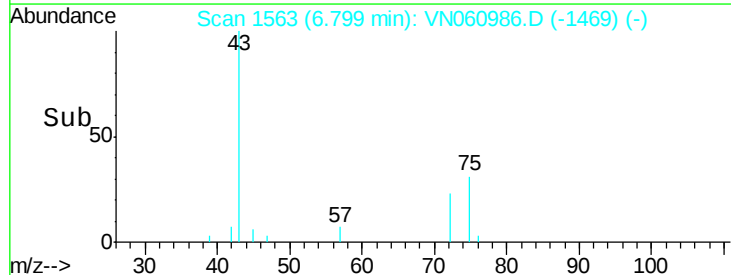
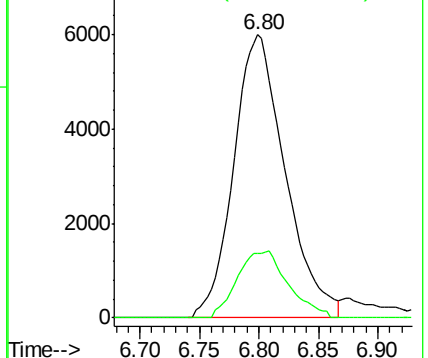
43 100

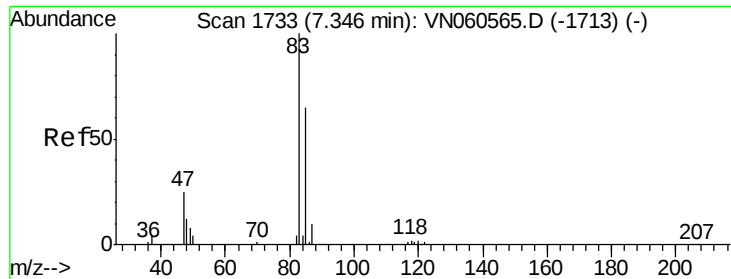
72 22.6 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

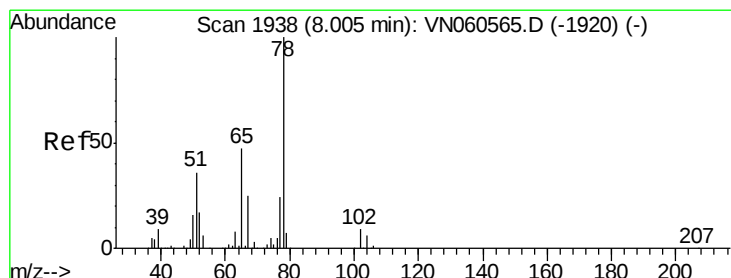
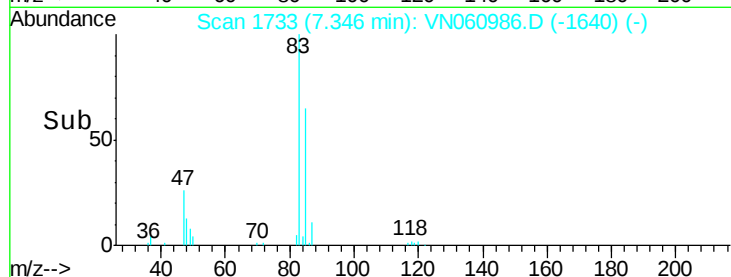
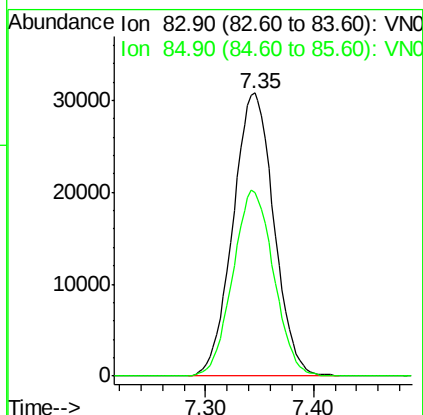
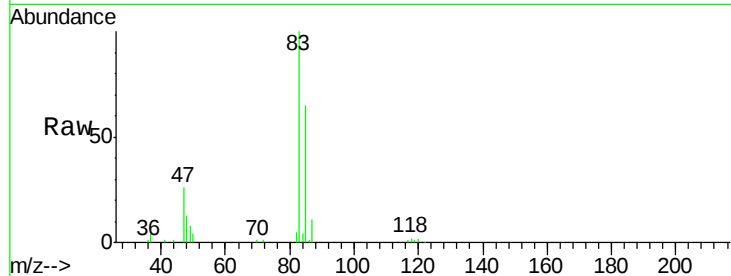




#30
Chloroform
Concen: 26.895 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060986.D
Acq: 16 Apr 2020 00:56

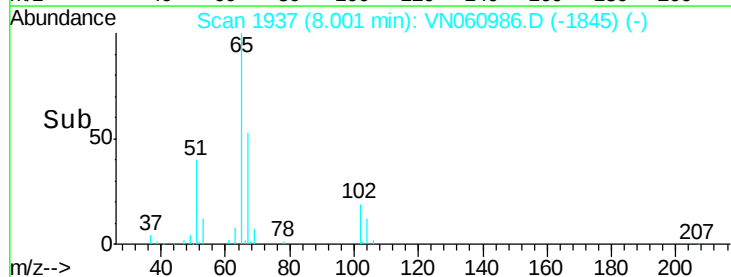
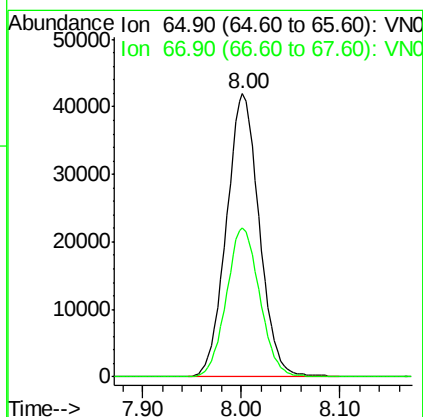
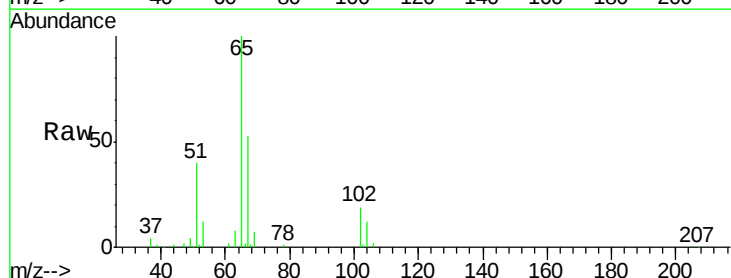
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-2

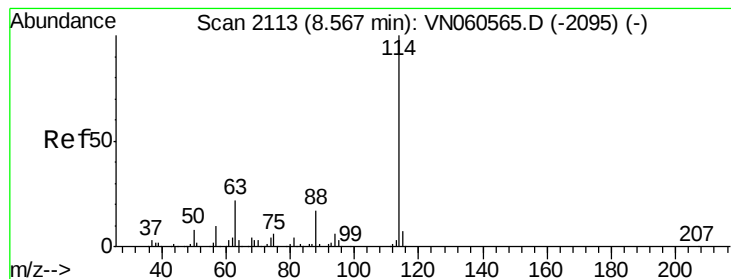
Tot Ion: 83 Resp: 81355
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 49.308 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060986.D
Acq: 16 Apr 2020 00:56

Tgt Ion: 65 Resp: 97384
Ion Ratio Lower Upper
65 100
67 53.2 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: VN060986.D

Acq: 16 Apr 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-2

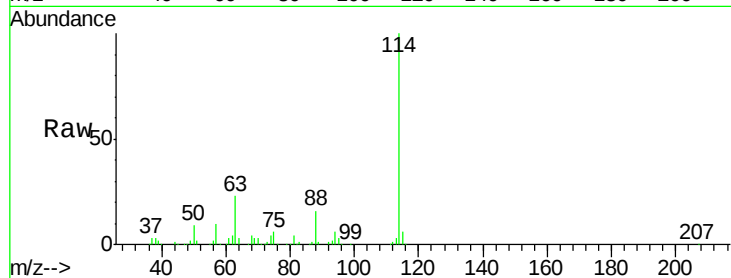
Tot Ion:114 Resp: 246244

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.8

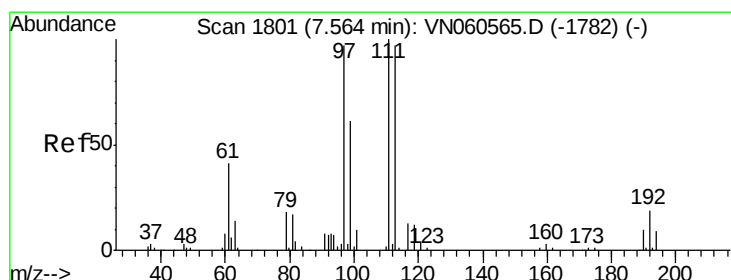
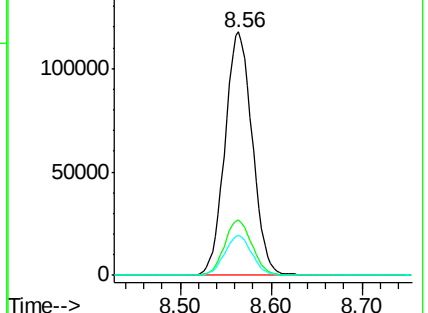
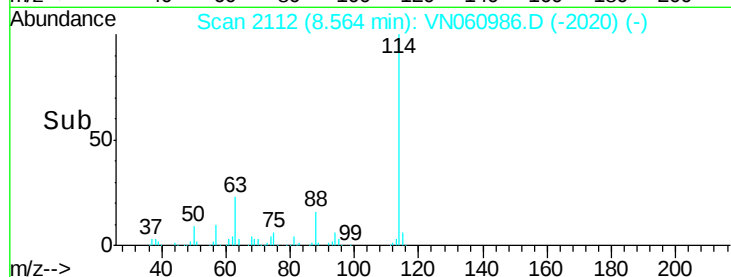
88 16.5 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.910 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060986.D

Acq: 16 Apr 2020 00:56

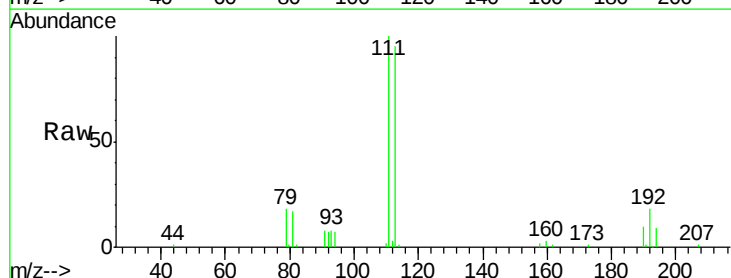
Tgt Ion:113 Resp: 74314

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

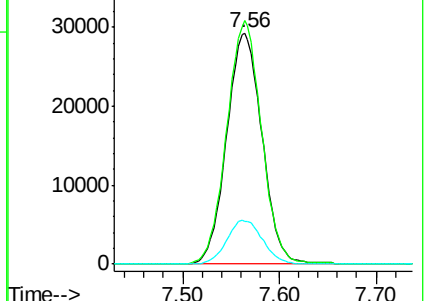
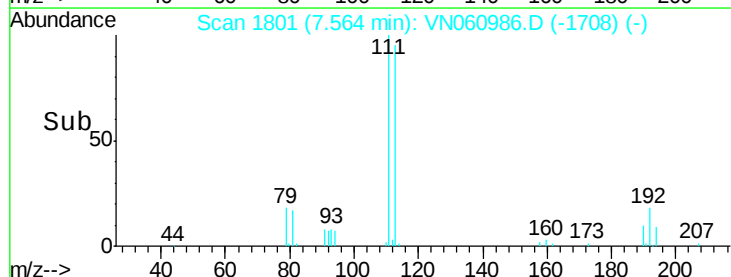
192 19.0 15.8 23.8

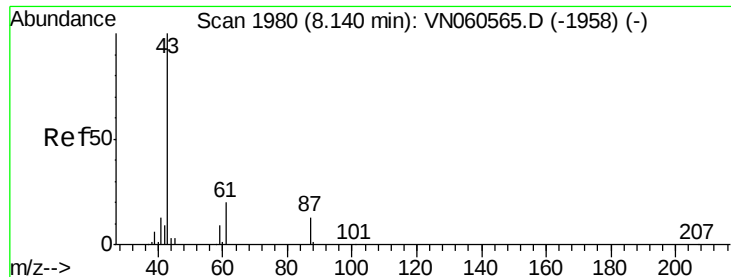


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.281 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060986.D

Acq: 16 Apr 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-2

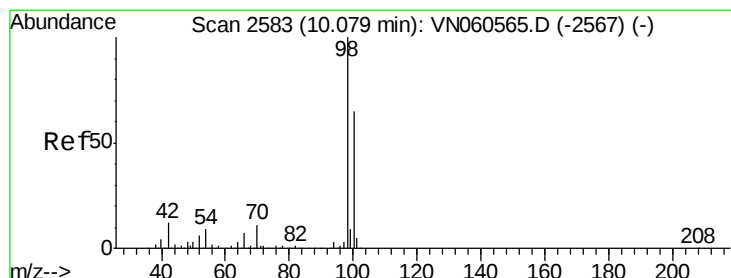
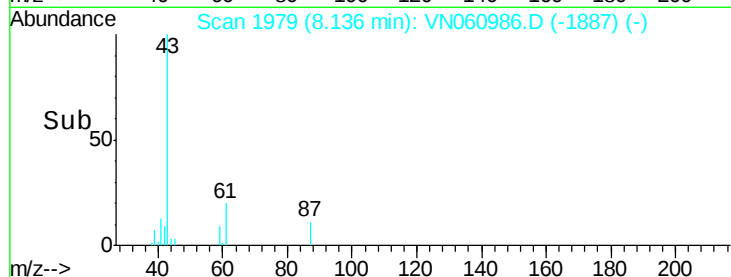
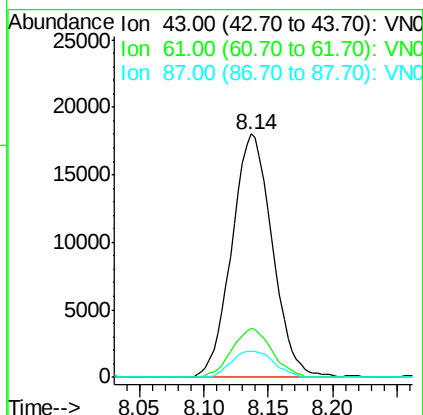
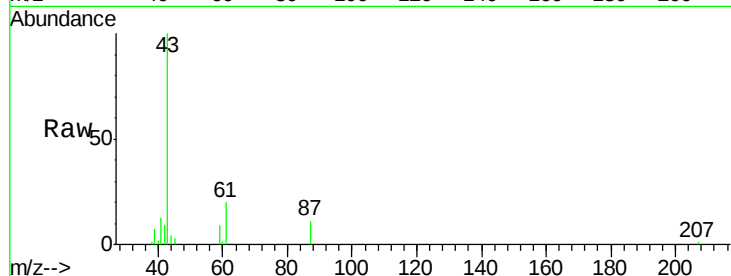
Tot Ion: 43 Resp: 39433

Ion Ratio Lower Upper

43 100

61 19.8 20.7 31.1#

87 11.3 9.8 14.8



#50

Toluene-d8

Concen: 50.793 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060986.D

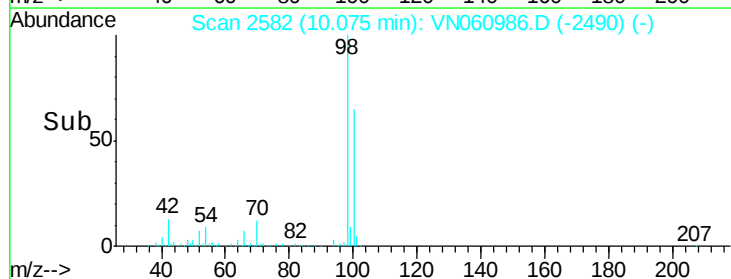
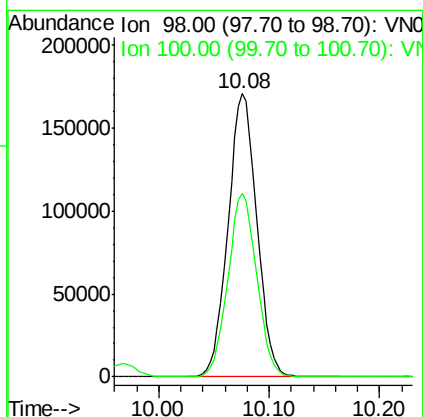
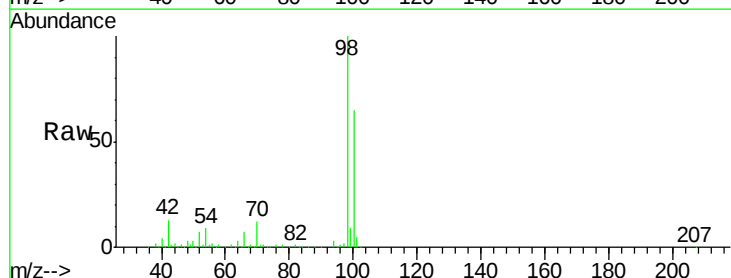
Acq: 16 Apr 2020 00:56

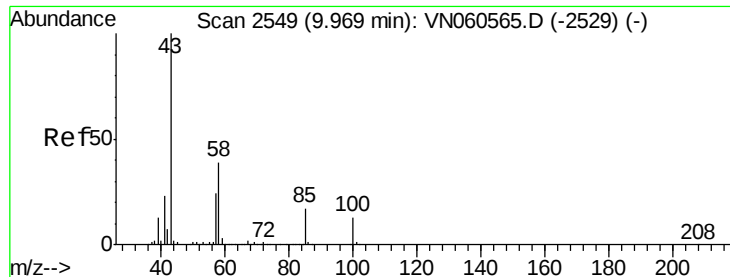
Tgt Ion: 98 Resp: 308911

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 50.401 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060986.D

Acq: 16 Apr 2020 00:56

Instrument :

MSVOA_N

ClientSampleId :

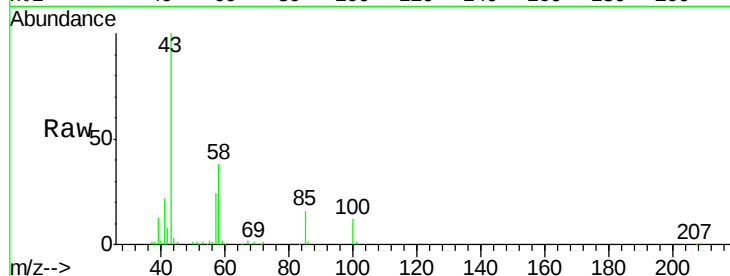
OIL-WATER-SEPARATOR-2

Tot Ion: 43 Resp: 121863

Ion Ratio Lower Upper

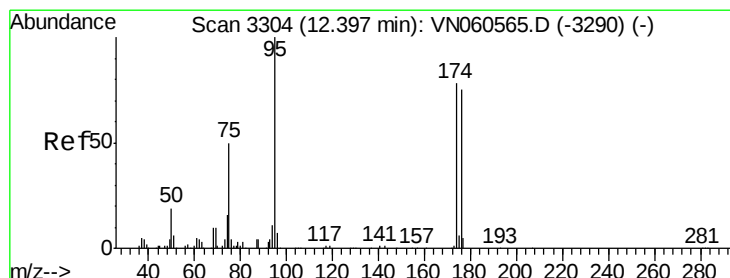
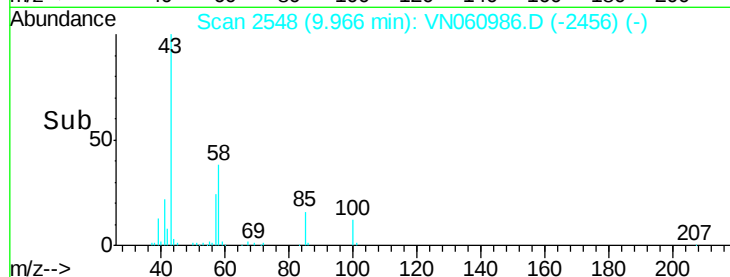
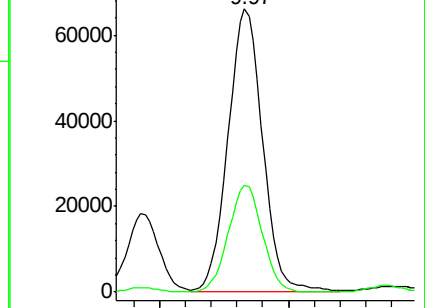
43 100

58 37.5 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060986.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN060986.D (-2456) (-)



#62

4-Bromofluorobenzene

Concen: 52.420 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060986.D

Acq: 16 Apr 2020 00:56

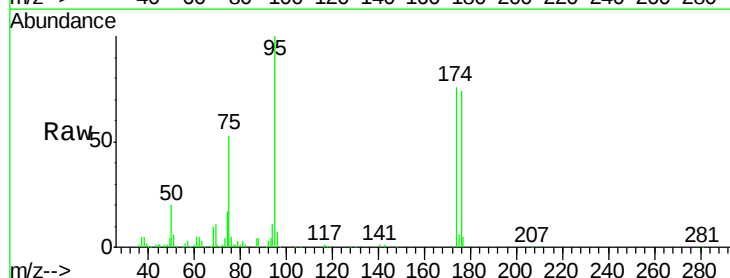
Tgt Ion: 95 Resp: 116840

Ion Ratio Lower Upper

95 100

174 75.4 0.0 157.6

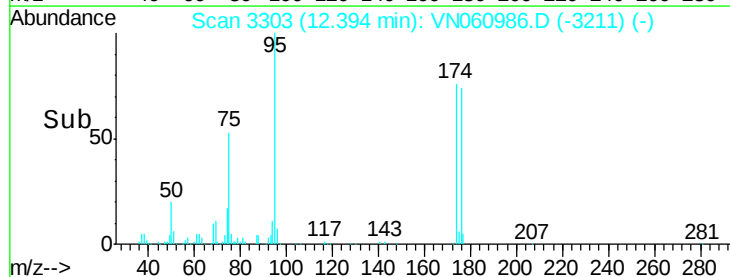
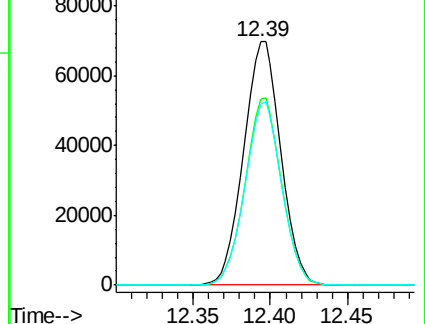
176 74.2 0.0 150.6

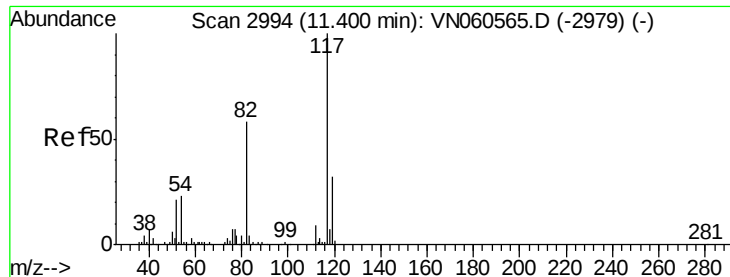


Abundance Ion 94.90 (94.60 to 95.60): VN060986.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060986.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060986.D (-3211) (-)

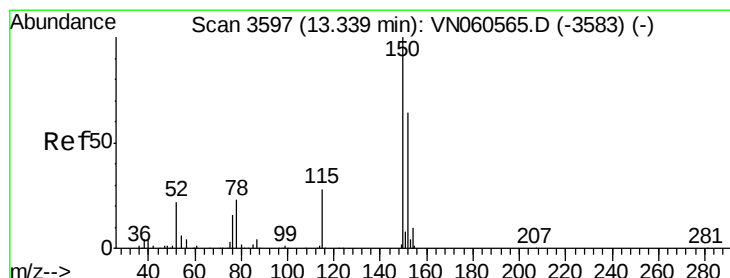
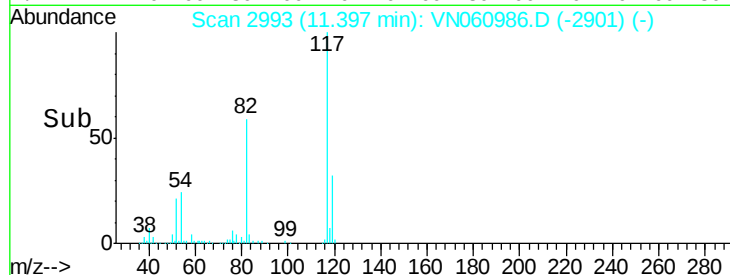
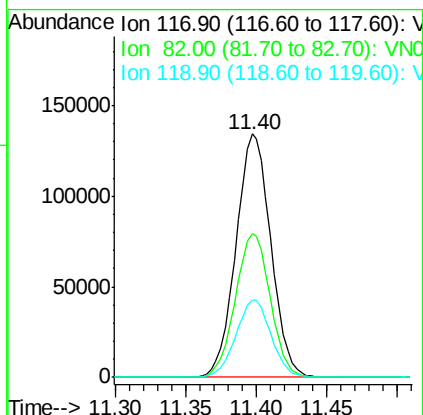
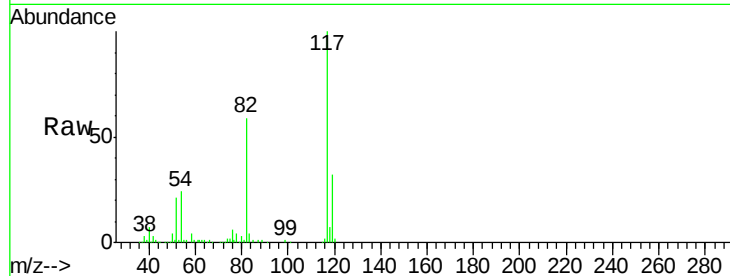




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060986.D
Acq: 16 Apr 2020 00:56

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-2

Tot Ion:117 Resp: 232393
Ion Ratio Lower Upper
117 100
82 59.0 46.7 70.1
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060986.D
Acq: 16 Apr 2020 00:56

Tgt Ion:152 Resp: 108470
Ion Ratio Lower Upper
152 100
115 61.0 30.2 90.6
150 155.7 0.0 350.2

