

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061016.D
 Acq On : 16 Apr 2020 17:04
 Operator : JC/MD
 Sample : L2259-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 17 04:40:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

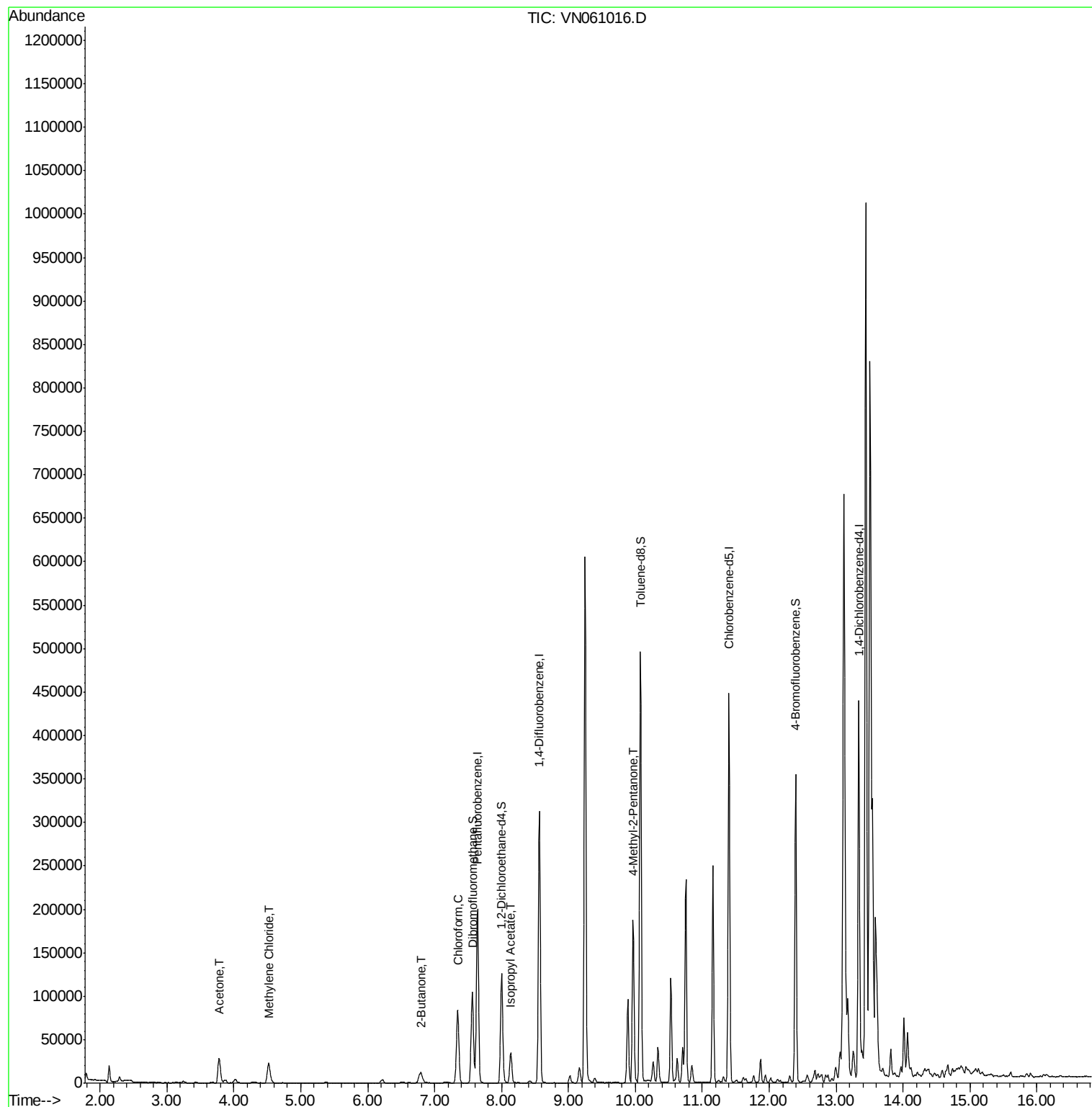
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	159564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	271005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	253325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	112658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	108553	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
35) Dibromofluoromethane	7.56	113	81972	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
50) Toluene-d8	10.08	98	337833	56.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.98%	
62) 4-Bromofluorobenzene	12.39	95	124415	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
Target Compounds						
16) Acetone	3.78	43	50112	55.768	ug/l	99
20) Methylene Chloride	4.52	84	17521	8.931	ug/l	93
25) 2-Butanone	6.80	43	19340	14.046	ug/l	96
30) Chloroform	7.35	83	87345	25.269	ug/l	98
43) Isopropyl Acetate	8.14	43	42323	8.570	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	131194	46.082	ug/l	99

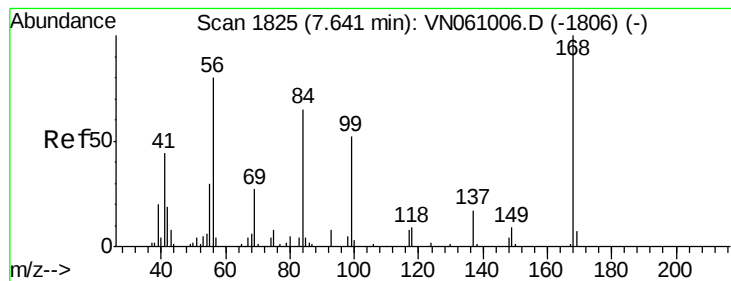
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

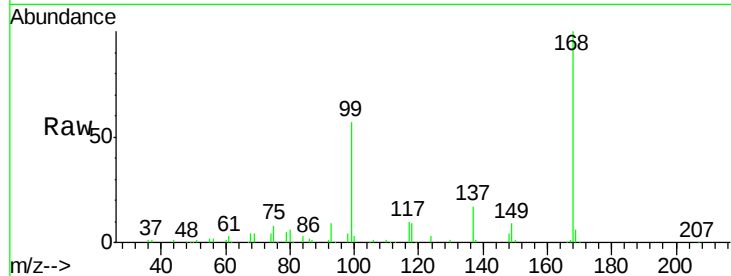
OIL-WATER-SEPARATOR-2

Tot Ion:168 Resp: 159564

Ion Ratio Lower Upper

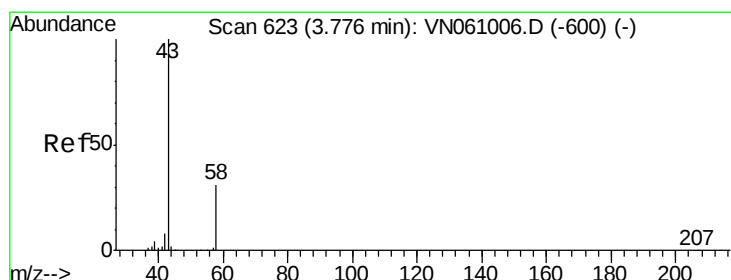
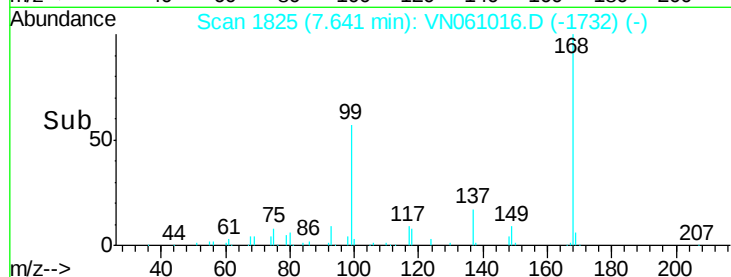
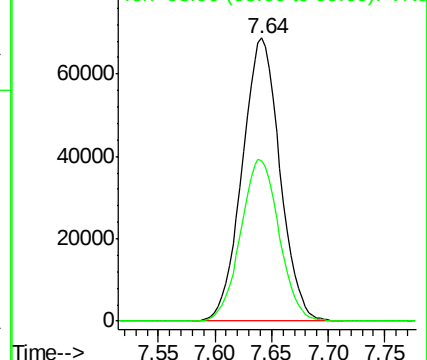
168 100

99 56.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 55.768 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN061016.D

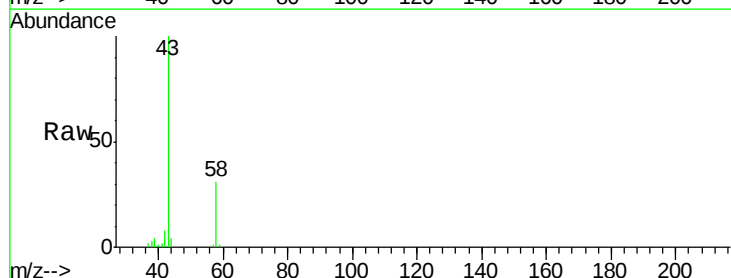
Acq: 16 Apr 2020 17:04

Tgt Ion: 43 Resp: 50112

Ion Ratio Lower Upper

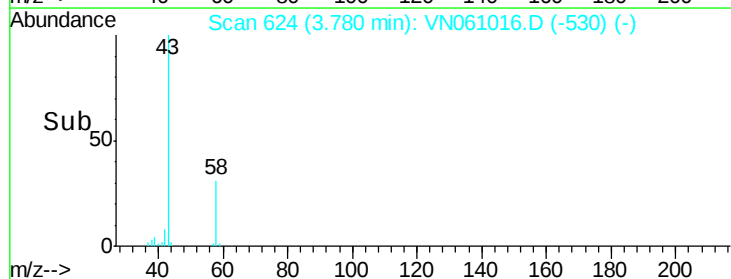
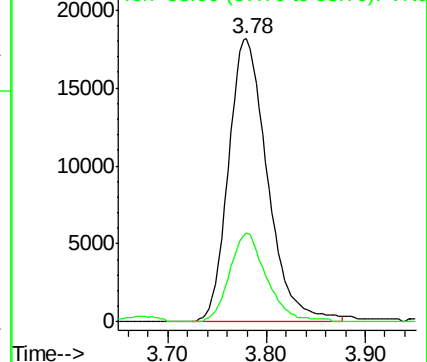
43 100

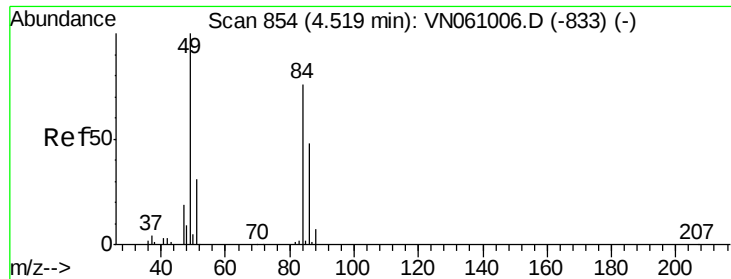
58 31.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

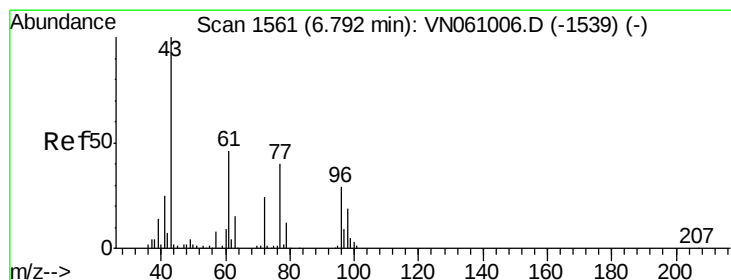
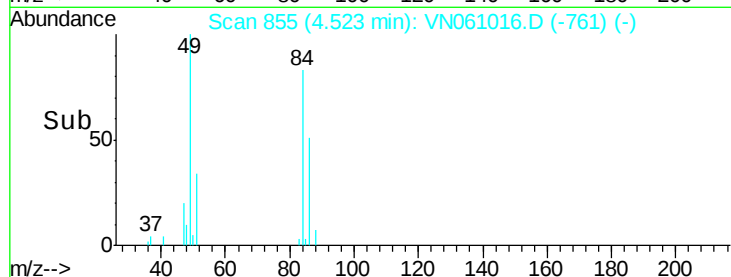
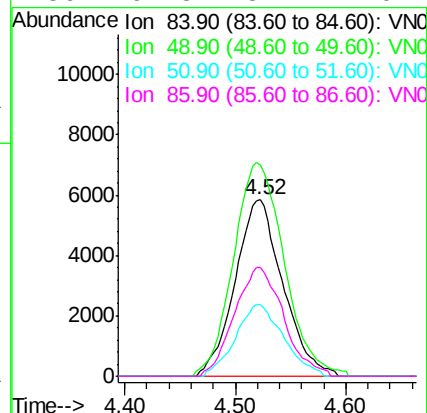
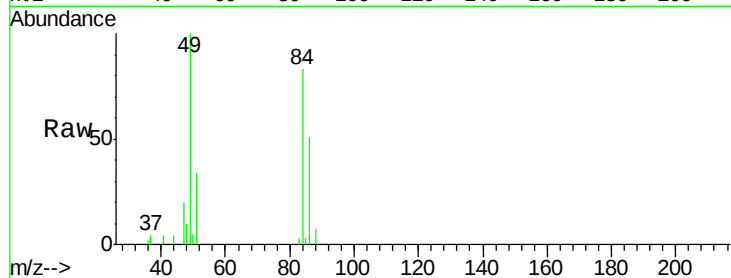




#20
Methvlene Chloride
Concen: 8.931 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

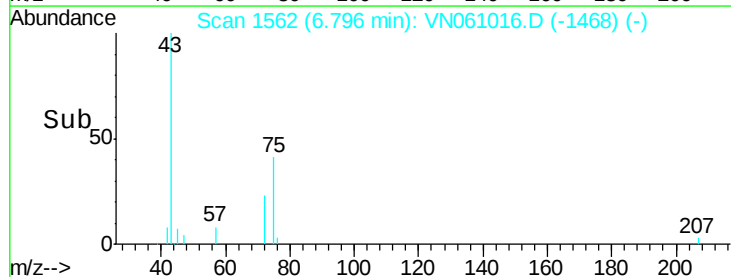
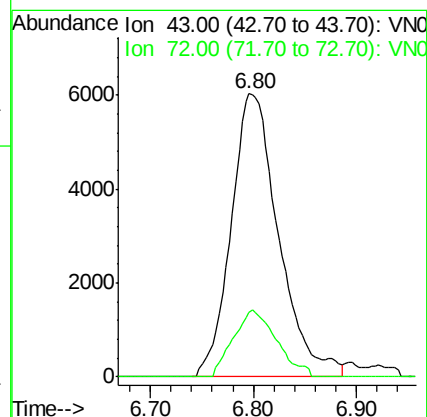
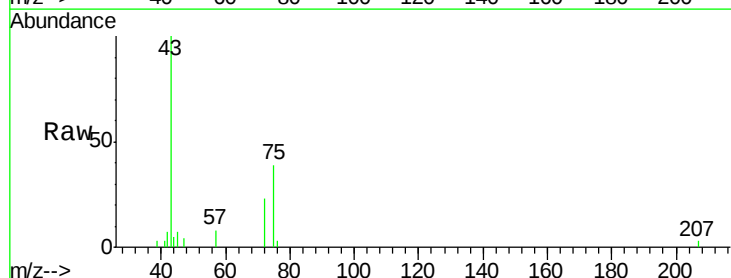
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR-2

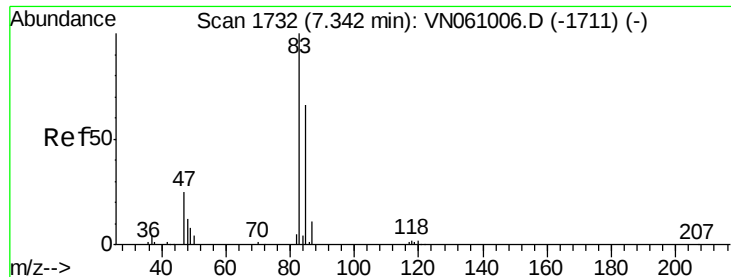
Tot Ion: 84	Resp: 17521
Ion Ratio	Lower Upper
84 100	
49 120.0	105.8 158.6
51 40.9	32.4 48.6
86 61.8	51.1 76.7



#25
2-Butanone
Concen: 14.046 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

Tgt Ion: 43	Resp: 19340
Ion Ratio	Lower Upper
43 100	
72 22.7	19.6 29.4





#30

Chloroform

Concen: 25.269 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

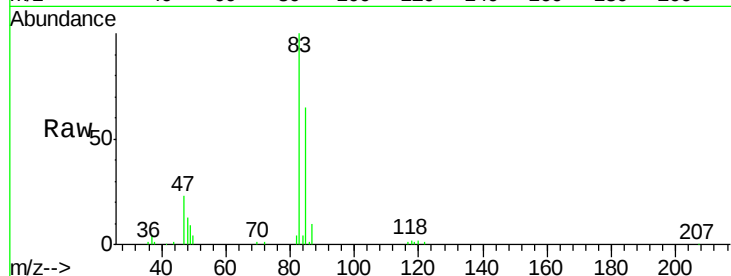
OIL-WATER-SEPARATOR-2

Tot Ion: 83 Resp: 87345

Ion Ratio Lower Upper

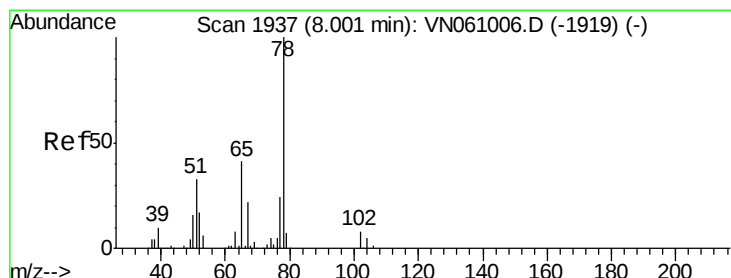
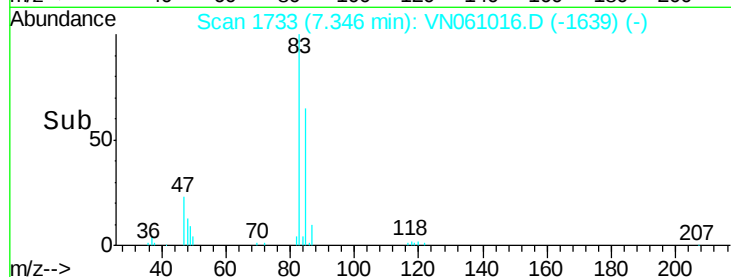
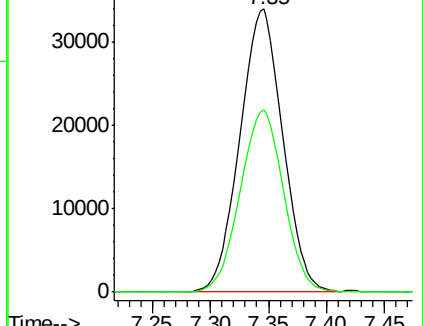
83 100

85 64.6 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VN061016.D (-1639) (-)

Ion 84.90 (84.60 to 85.60): VN061016.D (-1639) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.173 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061016.D

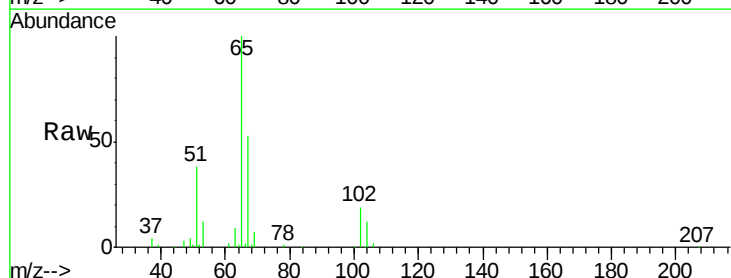
Acq: 16 Apr 2020 17:04

Tgt Ion: 65 Resp: 108553

Ion Ratio Lower Upper

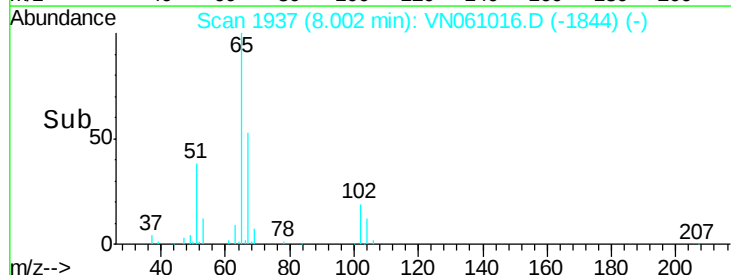
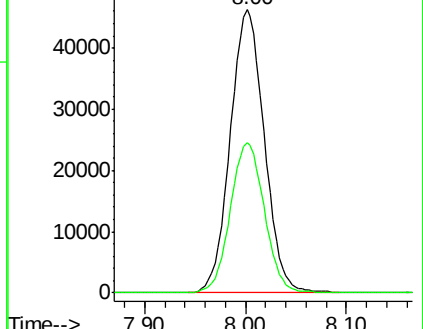
65 100

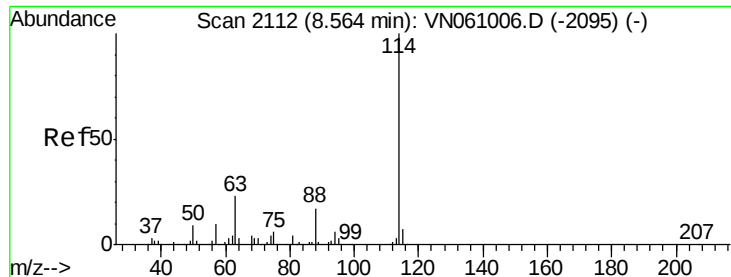
67 52.9 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN061016.D (-1844) (-)

Ion 66.90 (66.60 to 67.60): VN061016.D (-1844) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR-2

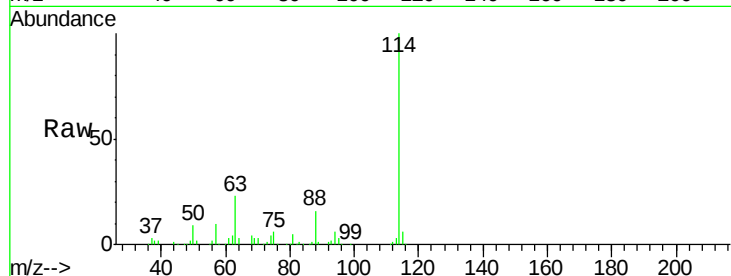
Tot Ion:114 Resp: 271005

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.2

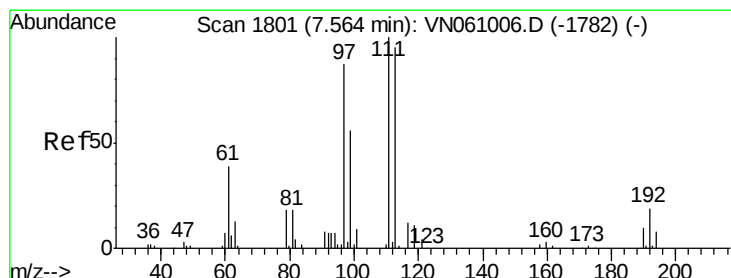
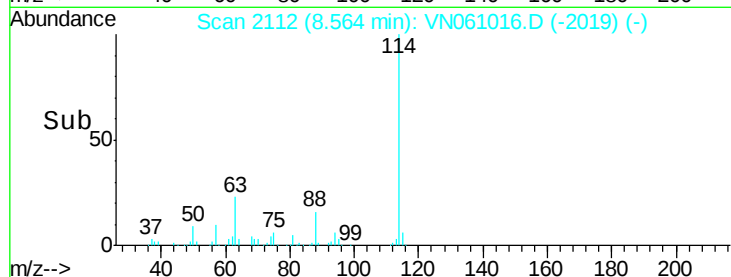
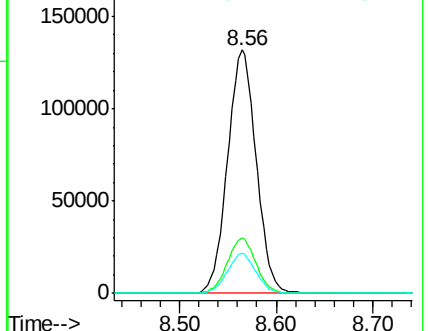
88 16.4 0.0 33.4



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: 51.795 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

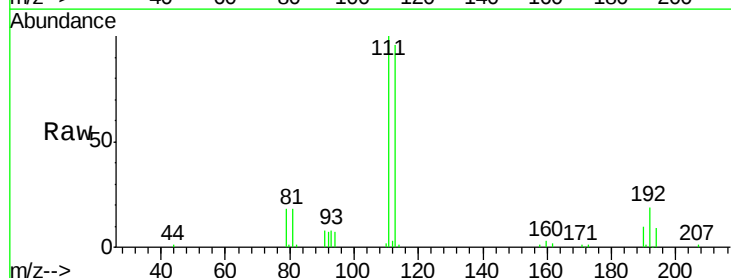
Tgt Ion:113 Resp: 81972

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

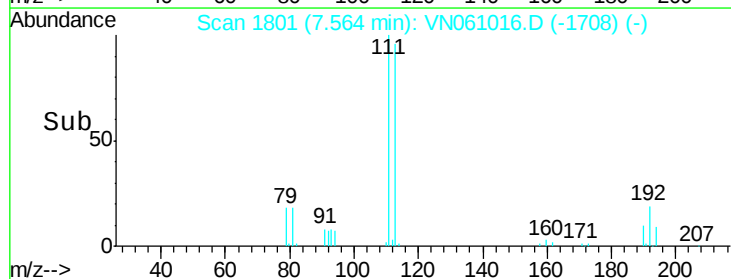
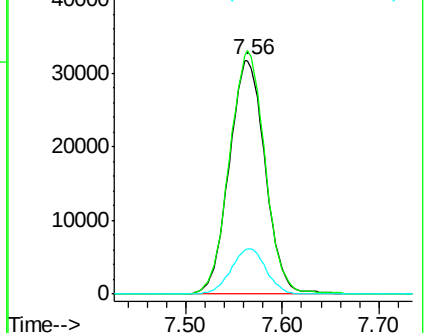
192 18.9 15.5 23.3

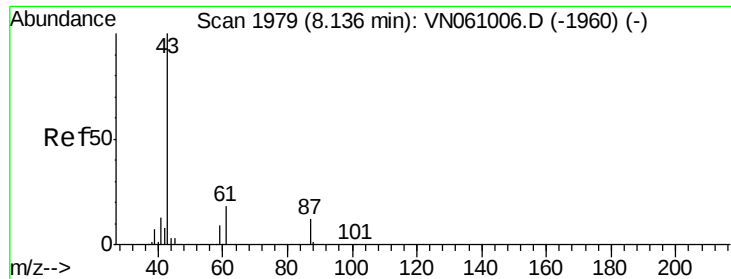


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.570 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

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ClientSampleId :

OIL-WATER-SEPARATOR-2

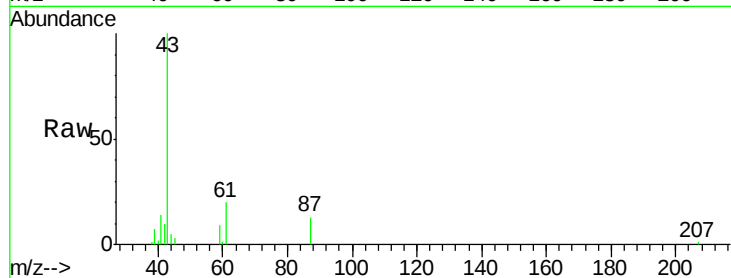
Tot Ion: 43 Resp: 42323

Ion Ratio Lower Upper

43 100

61 19.5 20.3 30.5#

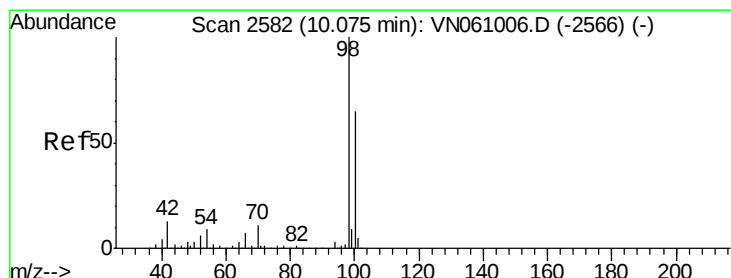
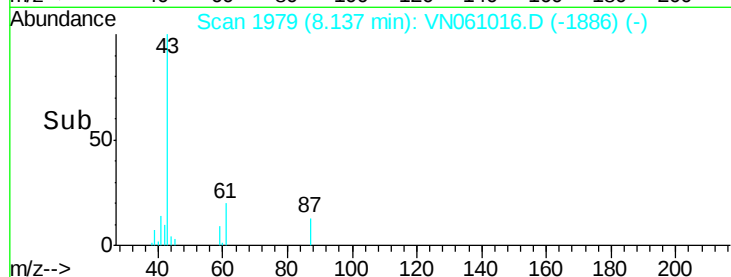
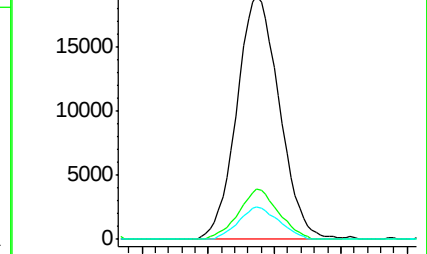
87 12.5 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN061016.D (-1886) (-)

Ion 61.00 (60.70 to 61.70): VN061016.D (-1886) (-)

Ion 87.00 (86.70 to 87.70): VN061016.D (-1886) (-)



#50

Toluene-d8

Concen: 56.489 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061016.D

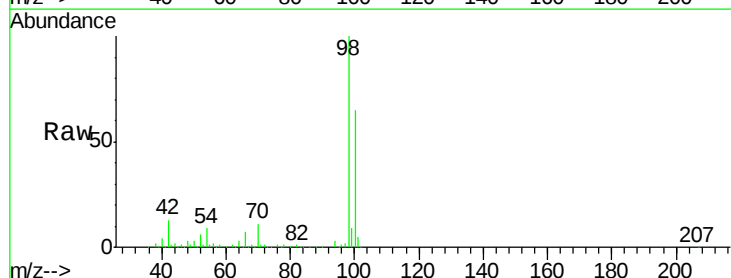
Acq: 16 Apr 2020 17:04

Tgt Ion: 98 Resp: 337833

Ion Ratio Lower Upper

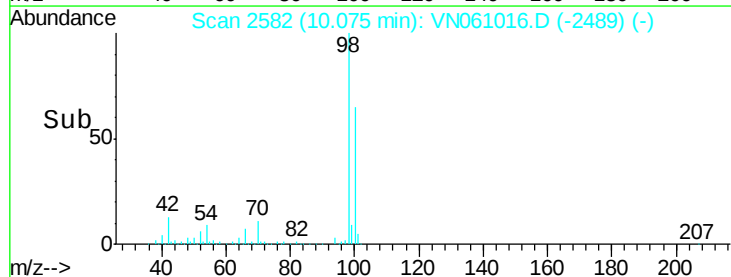
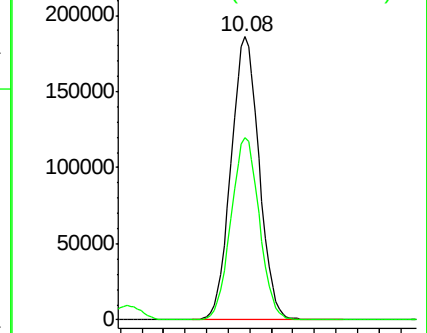
98 100

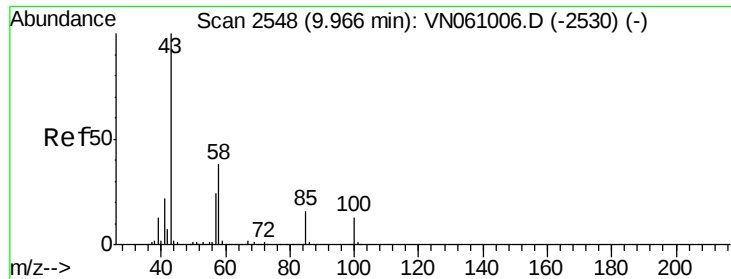
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN061016.D (-2489) (-)

Ion 100.00 (99.70 to 100.70): VN061016.D (-2489) (-)





#51

4-Methyl-2-Pentanone

Concen: 46.082 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

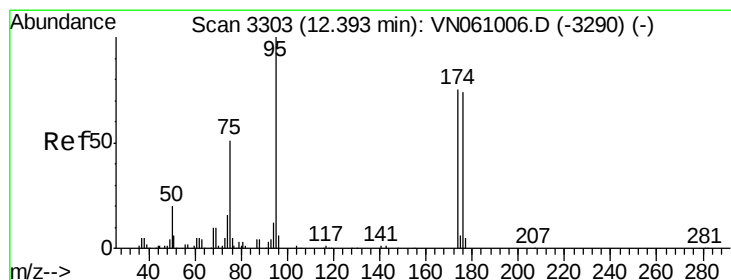
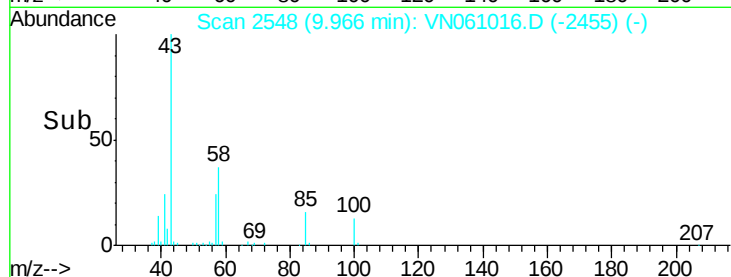
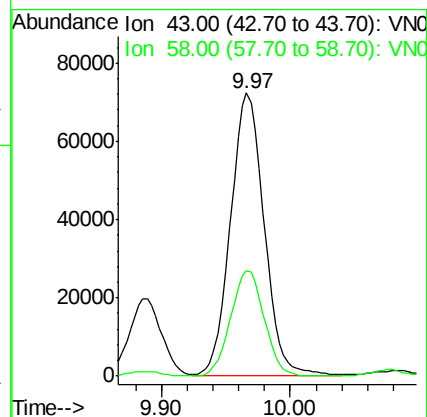
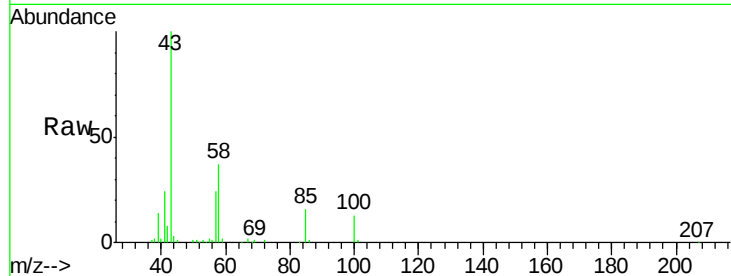
OIL-WATER-SEPARATOR-2

Tot Ion: 43 Resp: 131194

Ion Ratio Lower Upper

43 100

58 37.0 30.3 45.5



#62

4-Bromofluorobenzene

Concen: 53.080 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061016.D

Acq: 16 Apr 2020 17:04

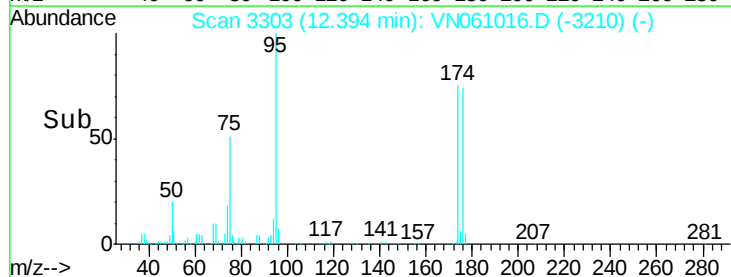
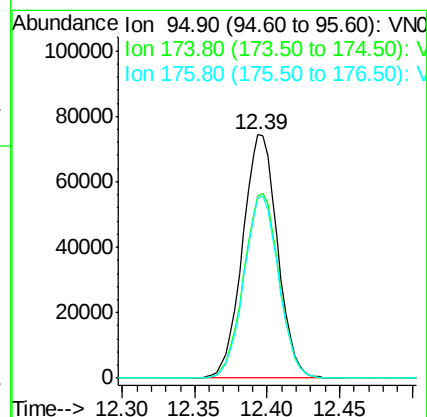
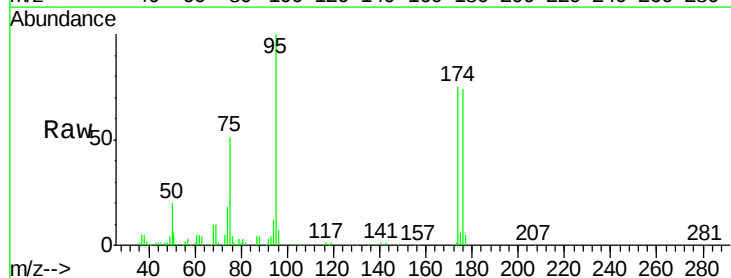
Tgt Ion: 95 Resp: 124415

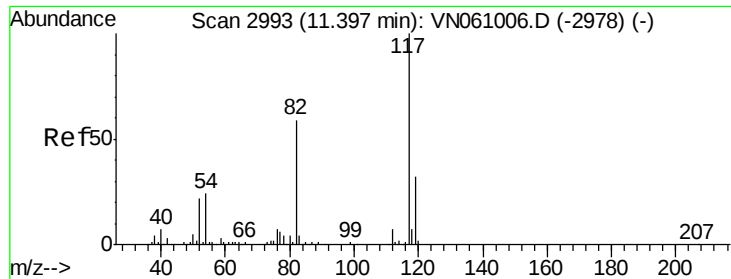
Ion Ratio Lower Upper

95 100

174 76.7 0.0 151.2

176 74.5 0.0 148.2

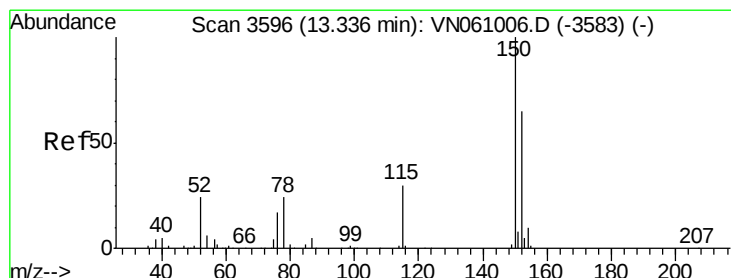
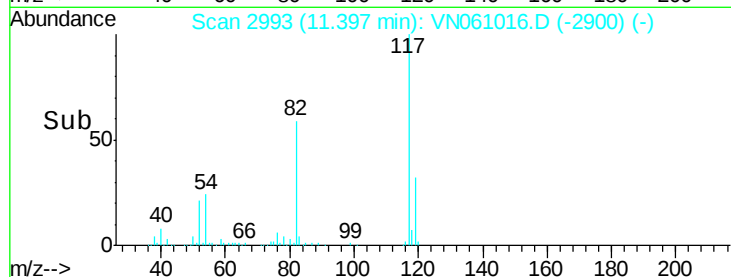
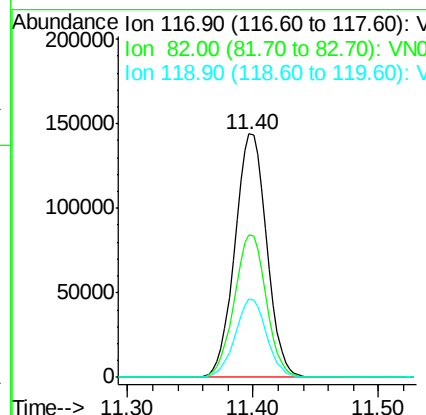
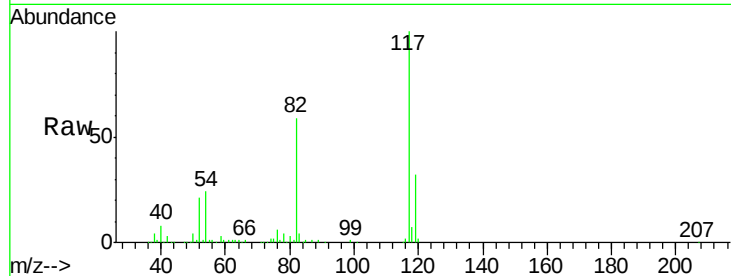




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.1	70.7
119	32.1	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061016.D
Acq: 16 Apr 2020 17:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.8	92.4
150	158.3	0.0	349.0

