

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061419\
 Data File : VN056320.D
 Acq On : 14 Jun 2019 18:26
 Operator : JC/SP
 Sample : K3370-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR(OWS)-1

Quant Time: Jun 15 00:38:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	318598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	531263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	551468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	209364	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	185286	58.57	ug/l	0.00
Spiked Amount						
			Recovery	=	117.14%	
35) Dibromofluoromethane	7.59	113	166115	50.96	ug/l	0.00
Spiked Amount						
			Recovery	=	101.92%	
50) Toluene-d8	10.09	98	673495	53.70	ug/l	0.00
Spiked Amount						
			Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.40	95	239333	56.11	ug/l	0.00
Spiked Amount						
			Recovery	=	112.22%	

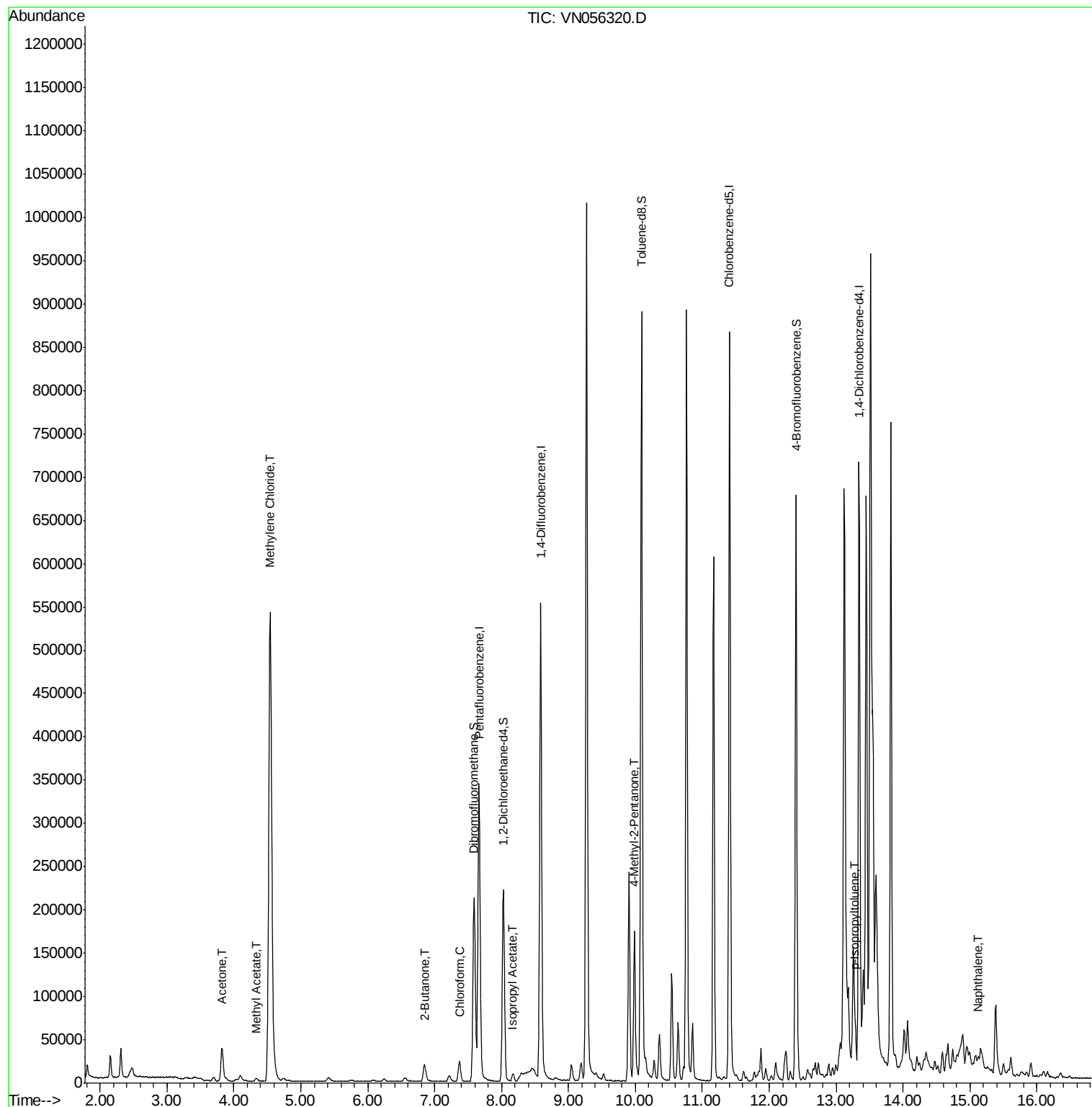
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	63390	41.898	ug/l	96
18) Methyl Acetate	4.33	43	6902	1.765	ug/l #	75
20) Methylene Chloride	4.54	84	444962	142.751	ug/l	98
25) 2-Butanone	6.85	43	36298	18.989	ug/l	95
30) Chloroform	7.37	83	25260	4.986	ug/l	95
43) Isopropyl Acetate	8.17	43	11594	1.760	ug/l #	85
51) 4-Methyl-2-Pentanone	9.99	43	124362	30.194	ug/l	99
86) p-Isopropyltoluene	13.29	119	31588	2.250	ug/l #	78
95) Naphthalene	15.13	128	5110	4.322	ug/l #	94

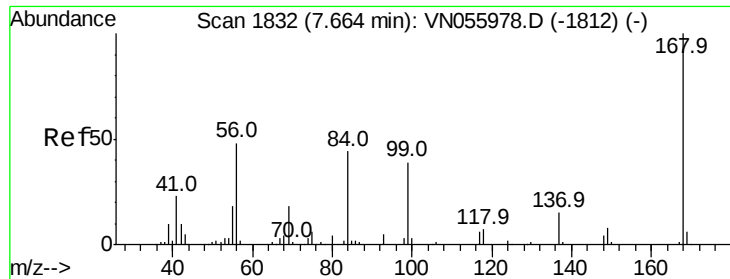
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056320.D

Acq: 14 Jun 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

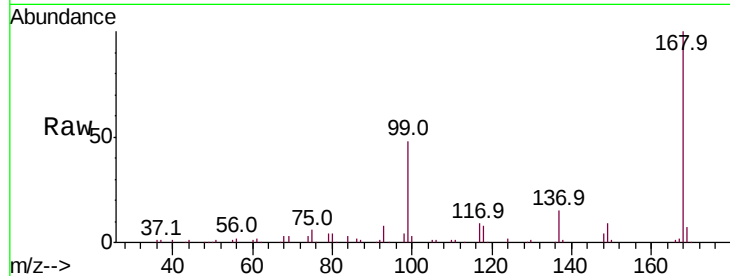
OIL-WATER-SEPERATOR(OWS)-1

Tot Ion:168 Resp: 318598

Ion Ratio Lower Upper

168 100

99 47.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

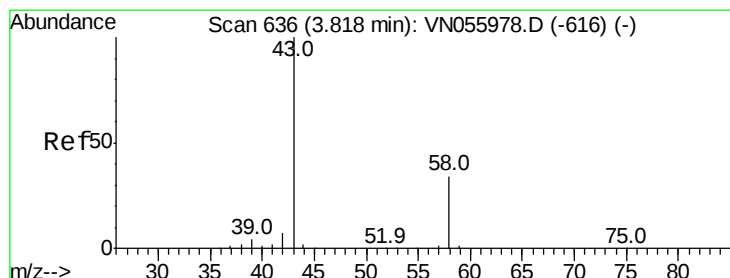
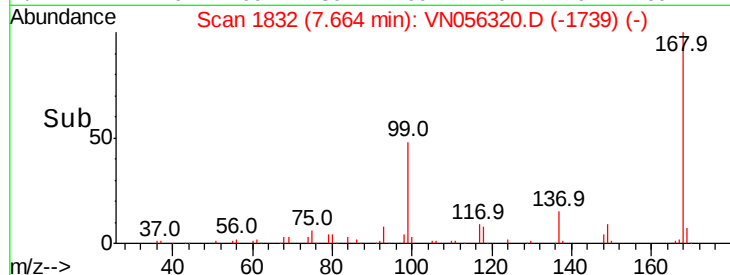
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 41.898 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056320.D

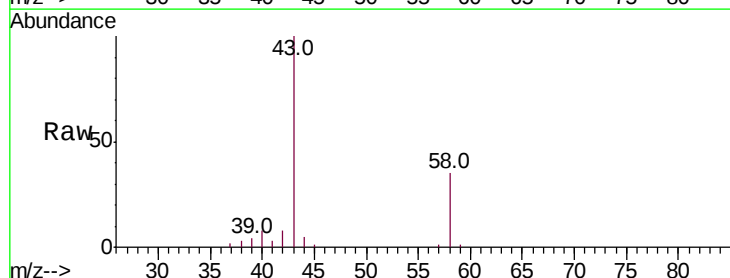
Acq: 14 Jun 2019 18:26

Tgt Ion: 43 Resp: 63390

Ion Ratio Lower Upper

43 100

58 35.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

3.82

25000

20000

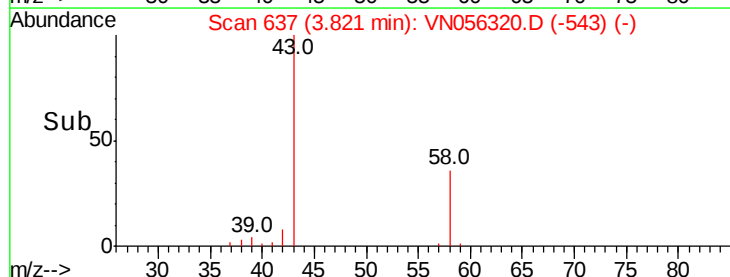
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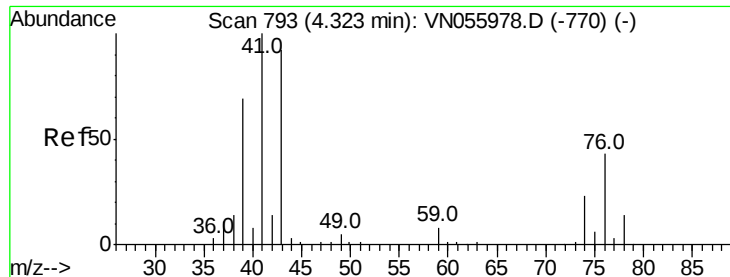
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5000

0

Time-->

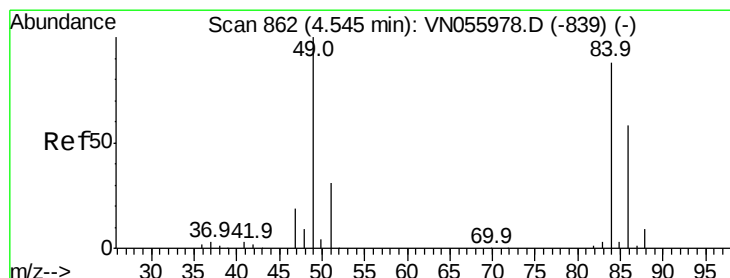
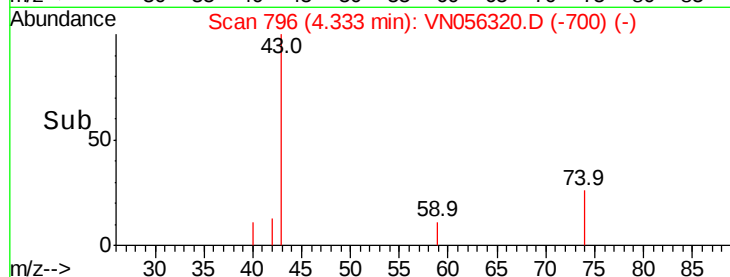
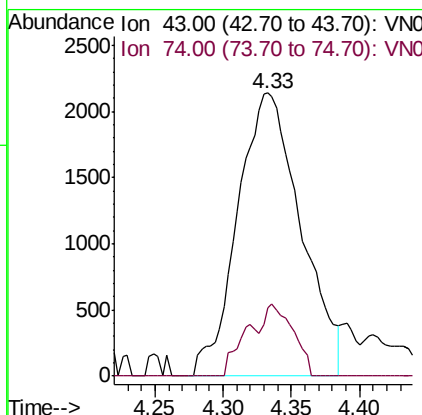
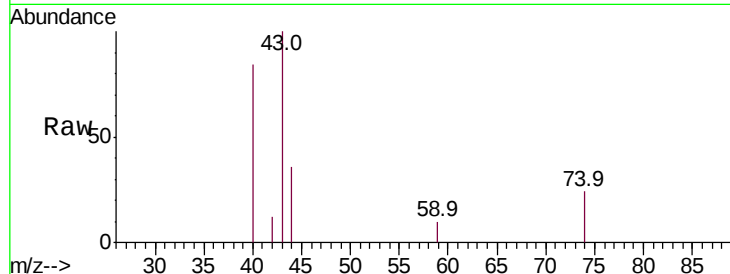




#18
Methyl Acetate
Concen: 1.765 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056320.D
Acq: 14 Jun 2019 18:26

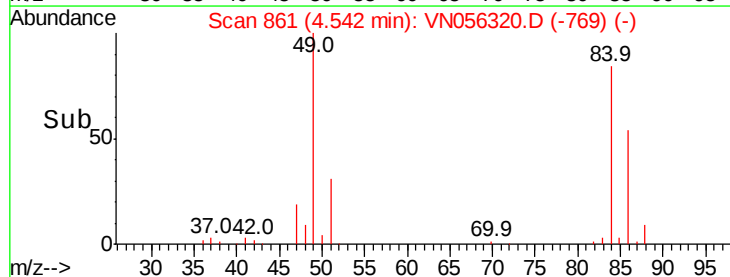
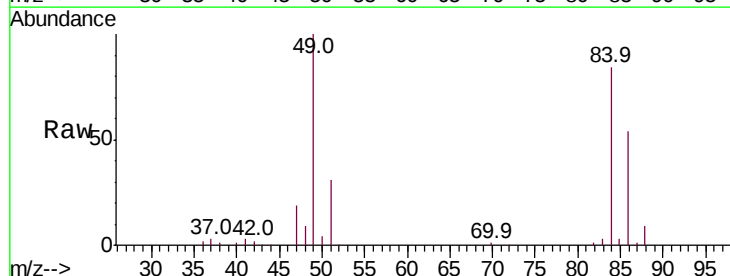
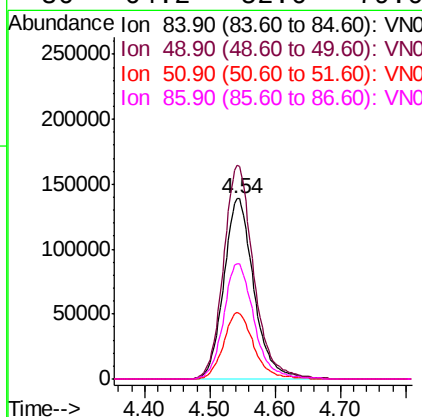
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPARATOR(OWS)-1

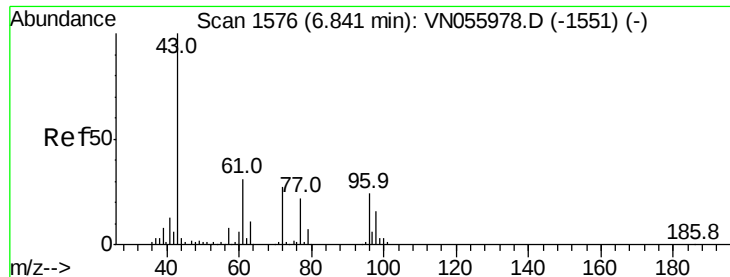
Tot Ion: 43 Resp: 6902
Ion Ratio Lower Upper
43 100
74 11.8 19.3 28.9#



#20
Methylene Chloride
Concen: 142.751 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056320.D
Acq: 14 Jun 2019 18:26

Tgt Ion: 84 Resp: 444962
Ion Ratio Lower Upper
84 100
49 118.4 93.5 140.3
51 36.7 28.6 43.0
86 64.2 52.6 79.0

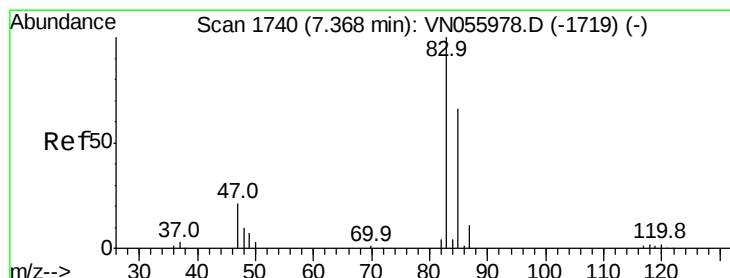
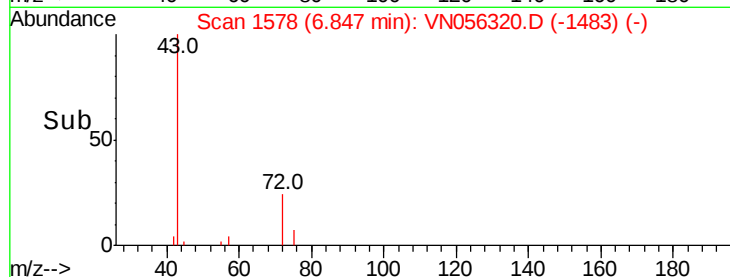
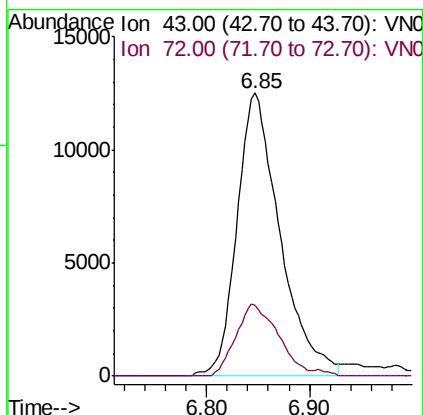
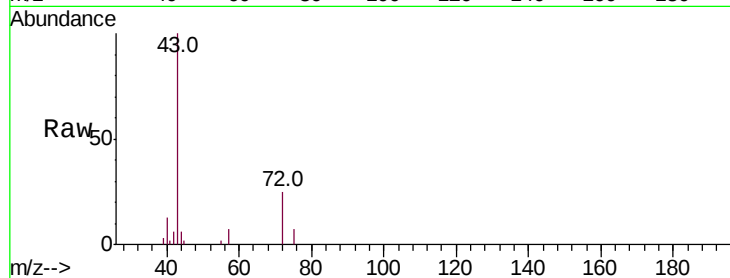




#25
2-Butanone
Concen: 18.989 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN056320.D
Acq: 14 Jun 2019 18:26

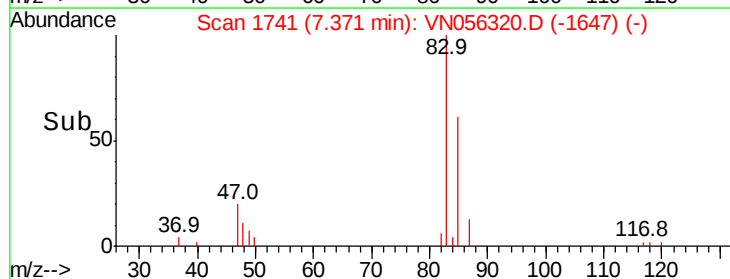
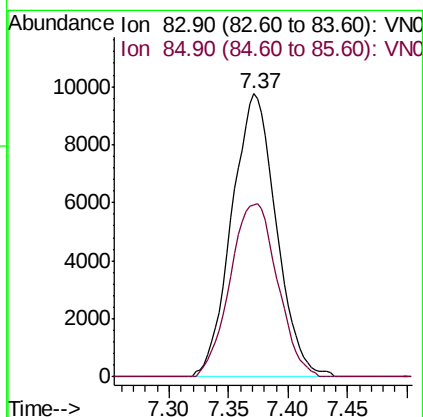
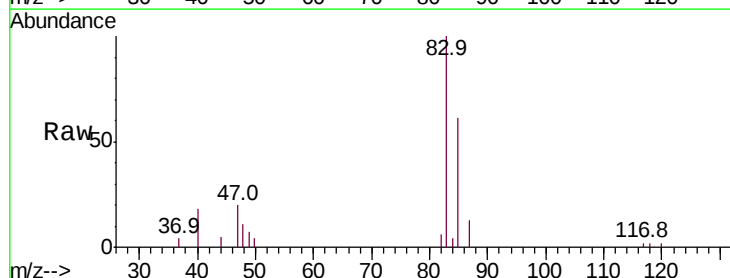
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-1

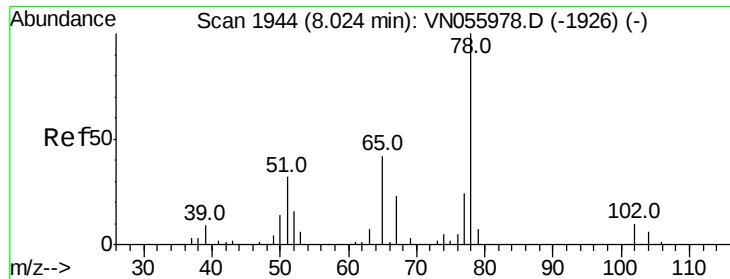
Tot Ion: 43 Resp: 36298
Ion Ratio Lower Upper
43 100
72 25.0 21.9 32.9



#30
Chloroform
Concen: 4.986 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056320.D
Acq: 14 Jun 2019 18:26

Tgt Ion: 83 Resp: 25260
Ion Ratio Lower Upper
83 100
85 60.8 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 58.572 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056320.D

Acq: 14 Jun 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

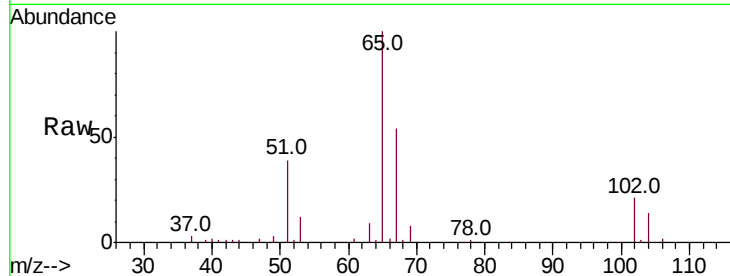
OIL-WATER-SEPARATOR(OWS)-1

Tot Ion: 65 Resp: 185286

Ion Ratio Lower Upper

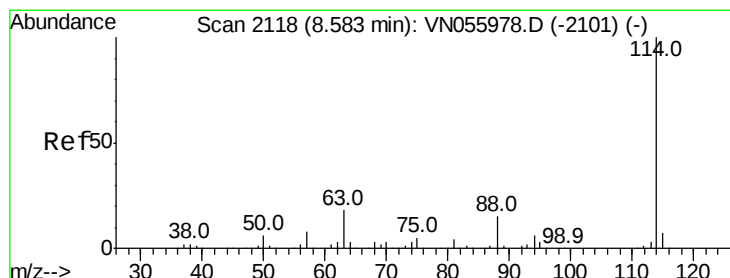
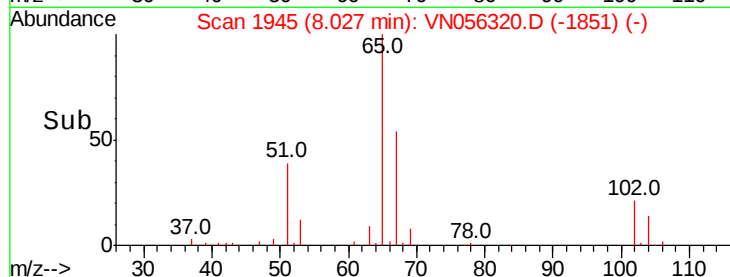
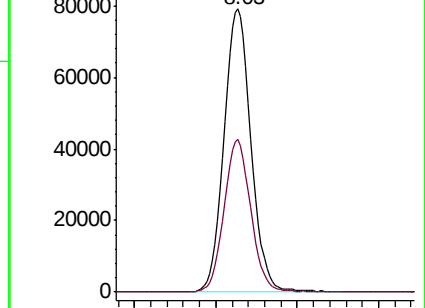
65 100

67 53.3 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN056320.D

Acq: 14 Jun 2019 18:26

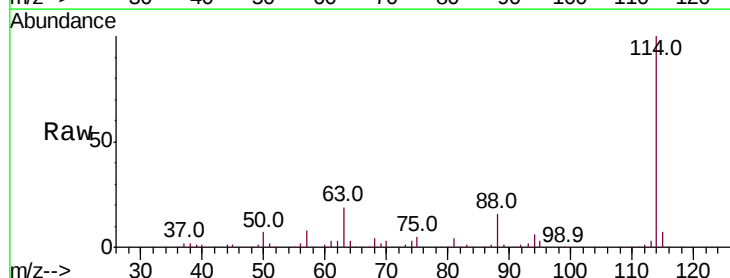
Tgt Ion:114 Resp: 531263

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

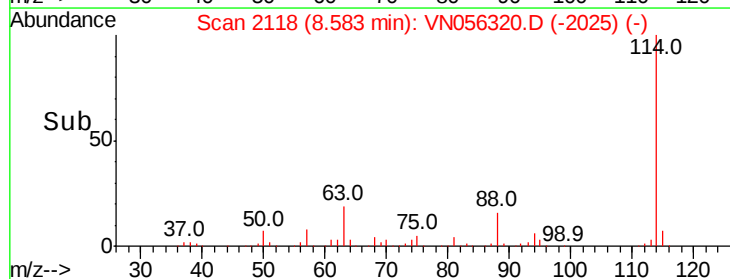
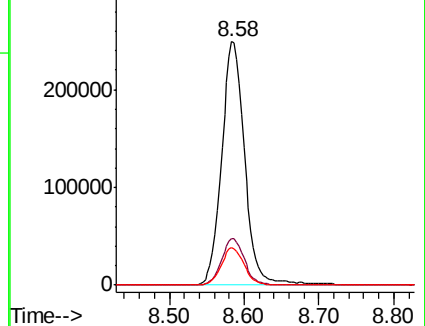
88 15.5 0.0 31.0

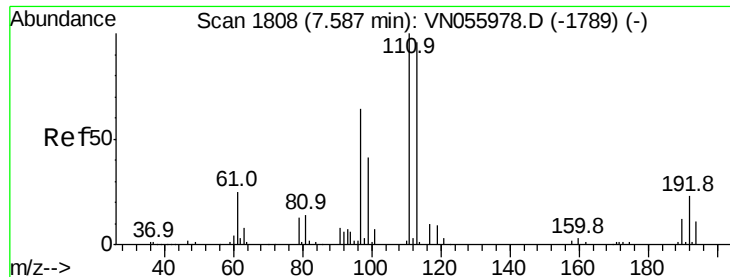


Abundance Ion 113.90 (113.60 to 114.60): VN055978.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055978.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055978.D (-2101) (-)

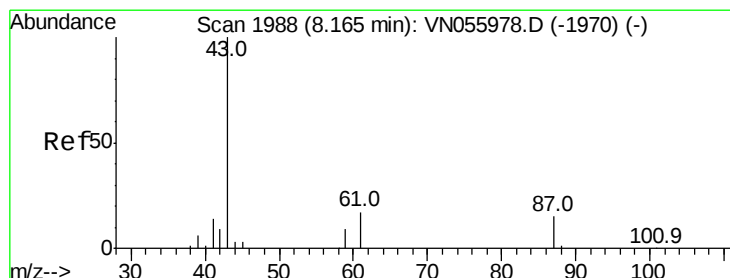
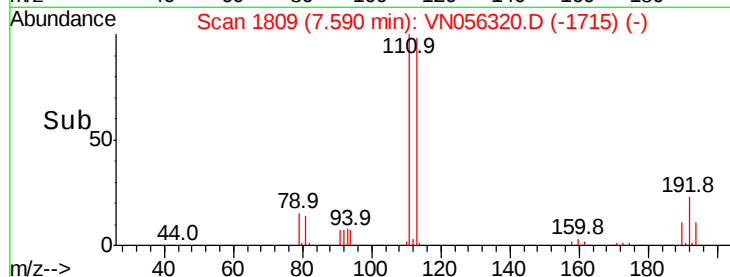
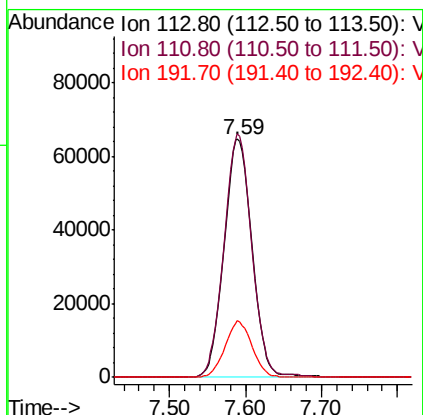
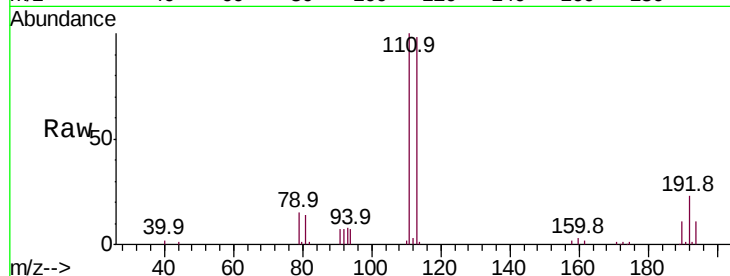




#35
 Dibromofluoromethane
 Concen: 50.964 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056320.D
 Acq: 14 Jun 2019 18:26

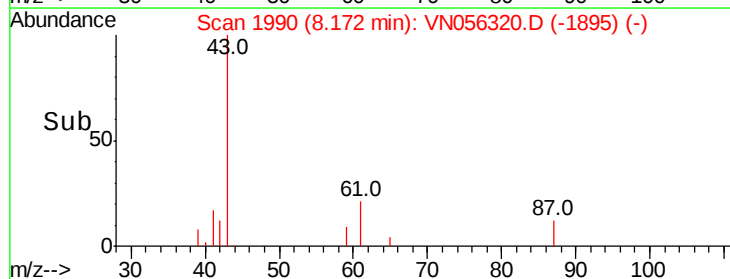
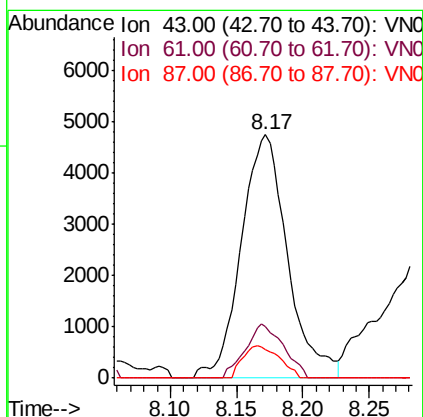
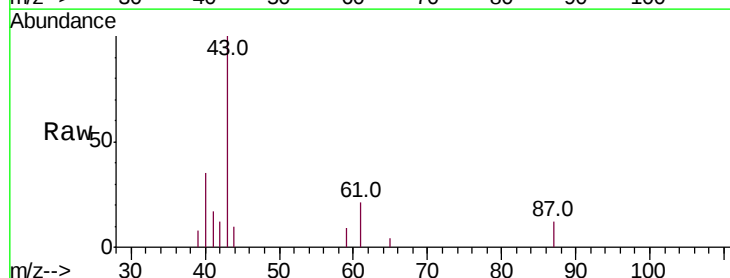
Instrument :
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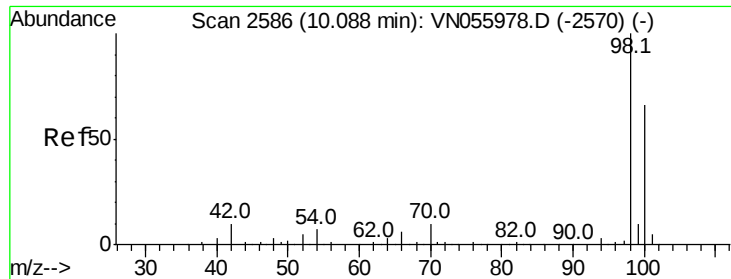
Tot Ion:113 Resp: 166115
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.9 122.9
 192 22.8 19.5 29.3



#43
 Isopropyl Acetate
 Concen: 1.760 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN056320.D
 Acq: 14 Jun 2019 18:26

Tgt Ion: 43 Resp: 11594
 Ion Ratio Lower Upper
 43 100
 61 18.1 22.2 33.4#
 87 10.4 11.4 17.2#





#50

Toluene-d8

Concen: 53.697 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056320.D

Acq: 14 Jun 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

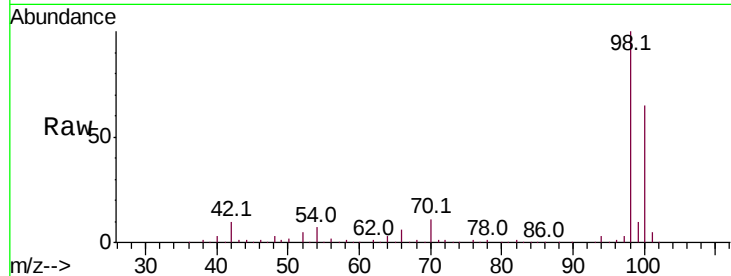
OIL-WATER-SEPARATOR(OWS)-1

Tot Ion: 98 Resp: 673495

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

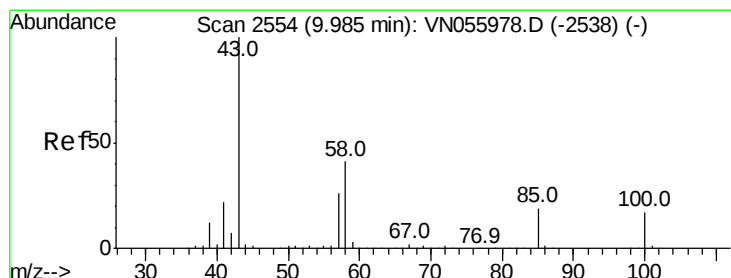
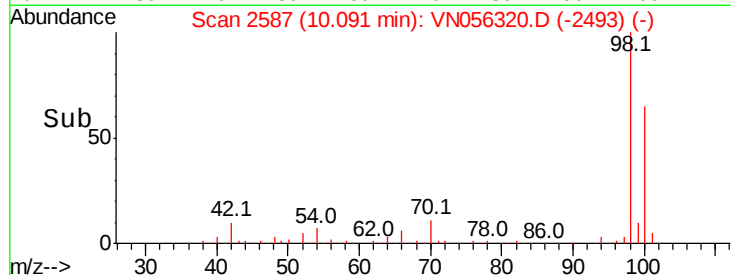
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 30.194 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056320.D

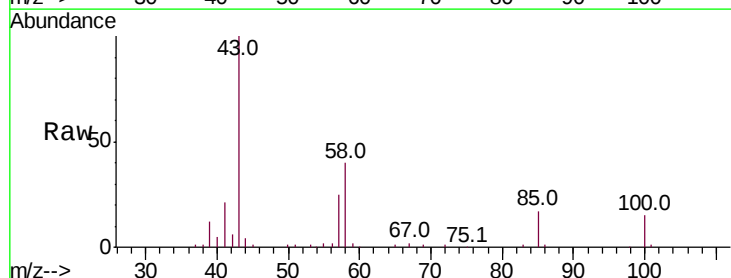
Acq: 14 Jun 2019 18:26

Tgt Ion: 43 Resp: 124362

Ion Ratio Lower Upper

43 100

58 39.6 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

9.99

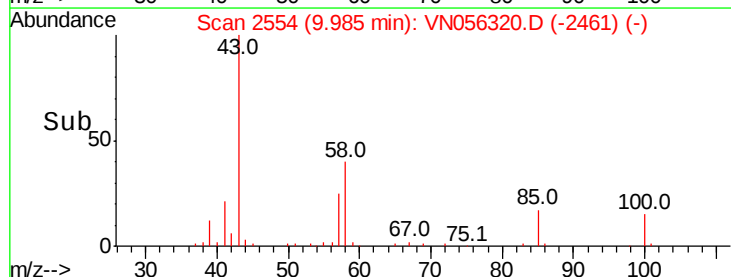
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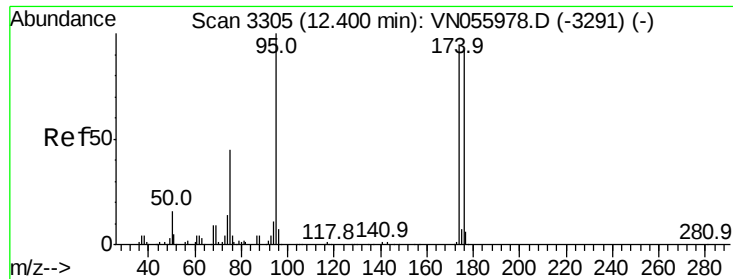
40000

20000

0

Time-->

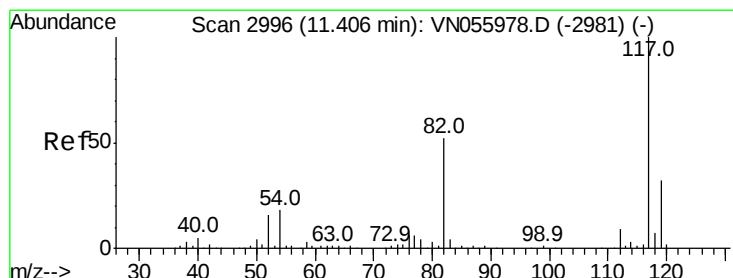
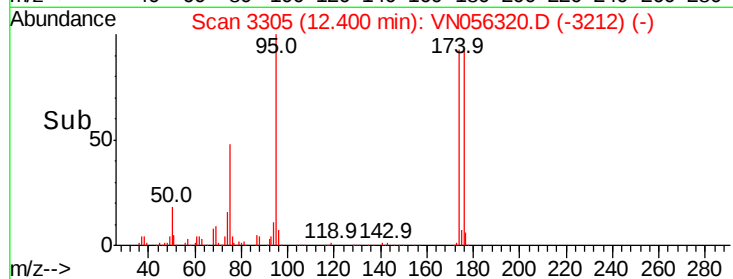
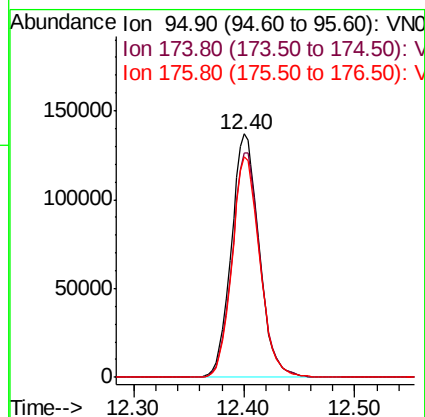
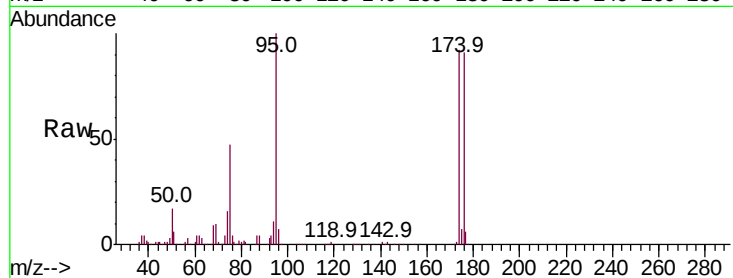




#62
4-Bromofluorobenzene
Concen: 56.110 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056320.D
Acq: 14 Jun 2019 18:26

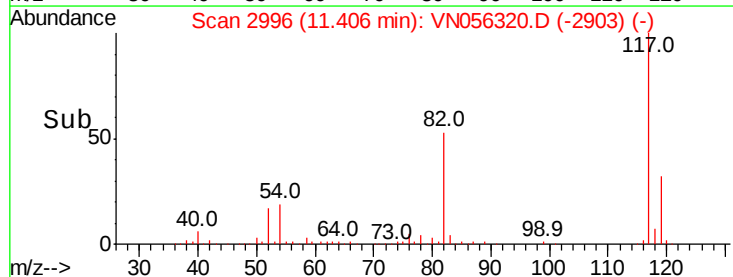
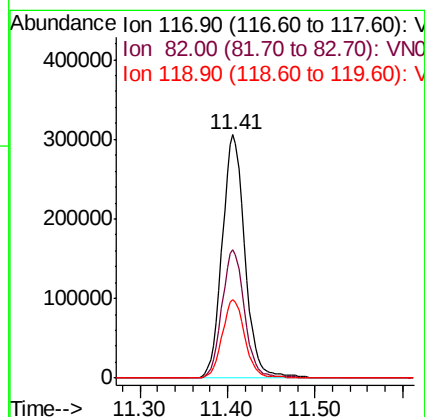
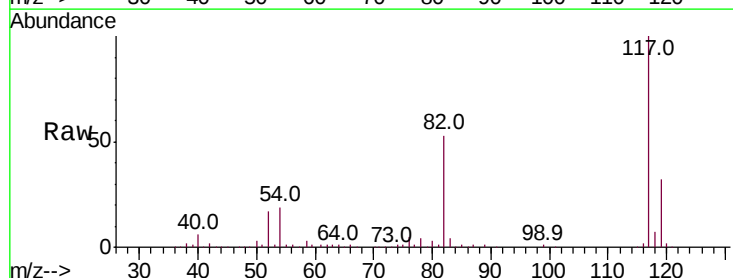
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-1

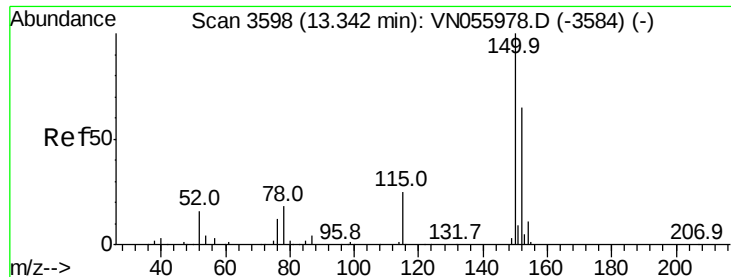
Tot Ion: 95 Resp: 239333
Ion Ratio Lower Upper
95 100
174 92.6 0.0 191.0
176 89.9 0.0 185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056320.D
Acq: 14 Jun 2019 18:26

Tgt Ion: 117 Resp: 551468
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.8
119 32.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056320.D

Acq: 14 Jun 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPARATOR(OWS)-1

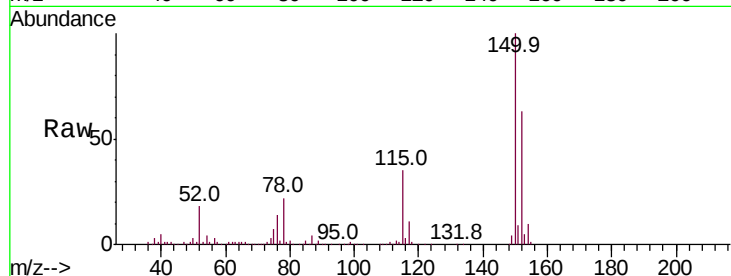
Tot Ion:152 Resp: 209364

Ion Ratio Lower Upper

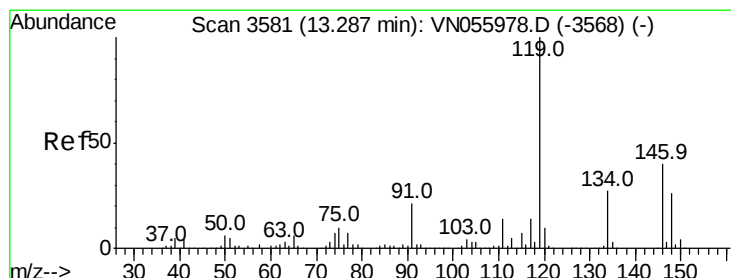
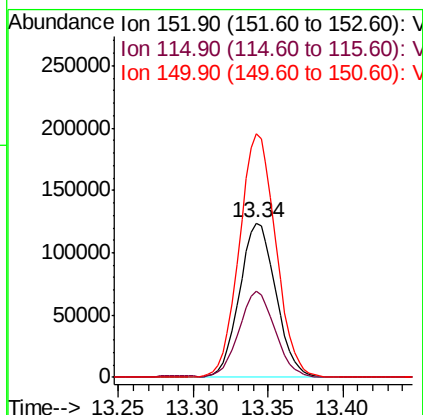
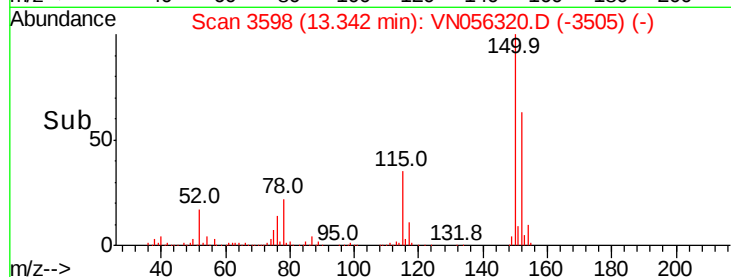
152 100

115 54.8 27.0 81.0

150 158.2 0.0 343.2



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



#86

p-Isopropyltoluene

Concen: 2.250 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056320.D

Acq: 14 Jun 2019 18:26

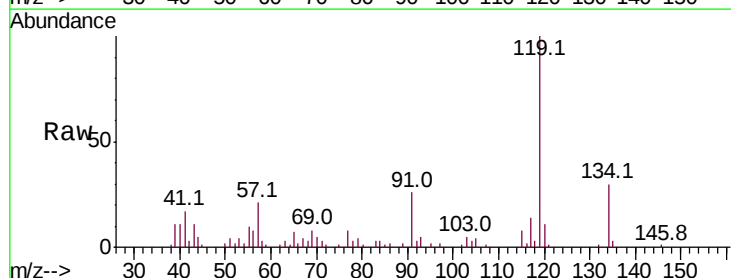
Tgt Ion:119 Resp: 31588

Ion Ratio Lower Upper

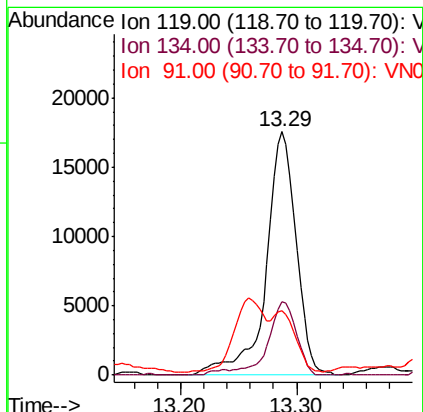
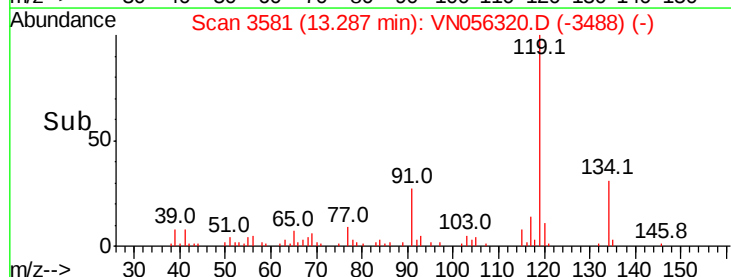
119 100

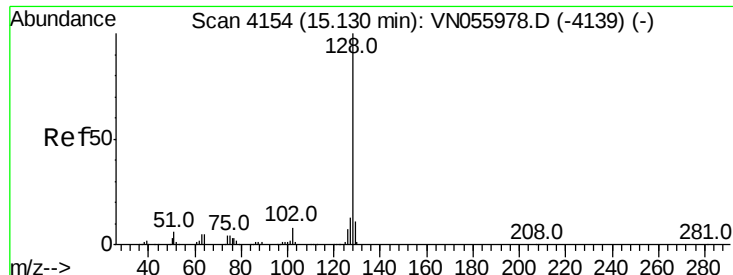
134 28.0 13.4 40.1

91 0.0 10.9 32.9#



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





#95

Naphthalene

Concen: 4.322 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056320.D

Acq: 14 Jun 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPERATOR(OWS)-1

Tot Ion:128 Resp: 5110

Ion Ratio Lower Upper

128 100

127 11.9 10.3 15.5

129 7.4 8.7 13.1#

