

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051098.D
 Acq On : 11 Sep 2018 00:22
 Operator : MD\SY
 Sample : J4829-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES-3-4FT

Quant Time: Sep 11 05:25:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	616007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	968916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	837361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	297807	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	370105	53.99	ug/l	0.00
Spiked Amount			Recovery	=	107.98%	
35) Dibromofluoromethane	7.59	113	361146	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	10.09	98	1318068	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.40	95	373457	40.86	ug/l	0.00
Spiked Amount			Recovery	=	81.72%	

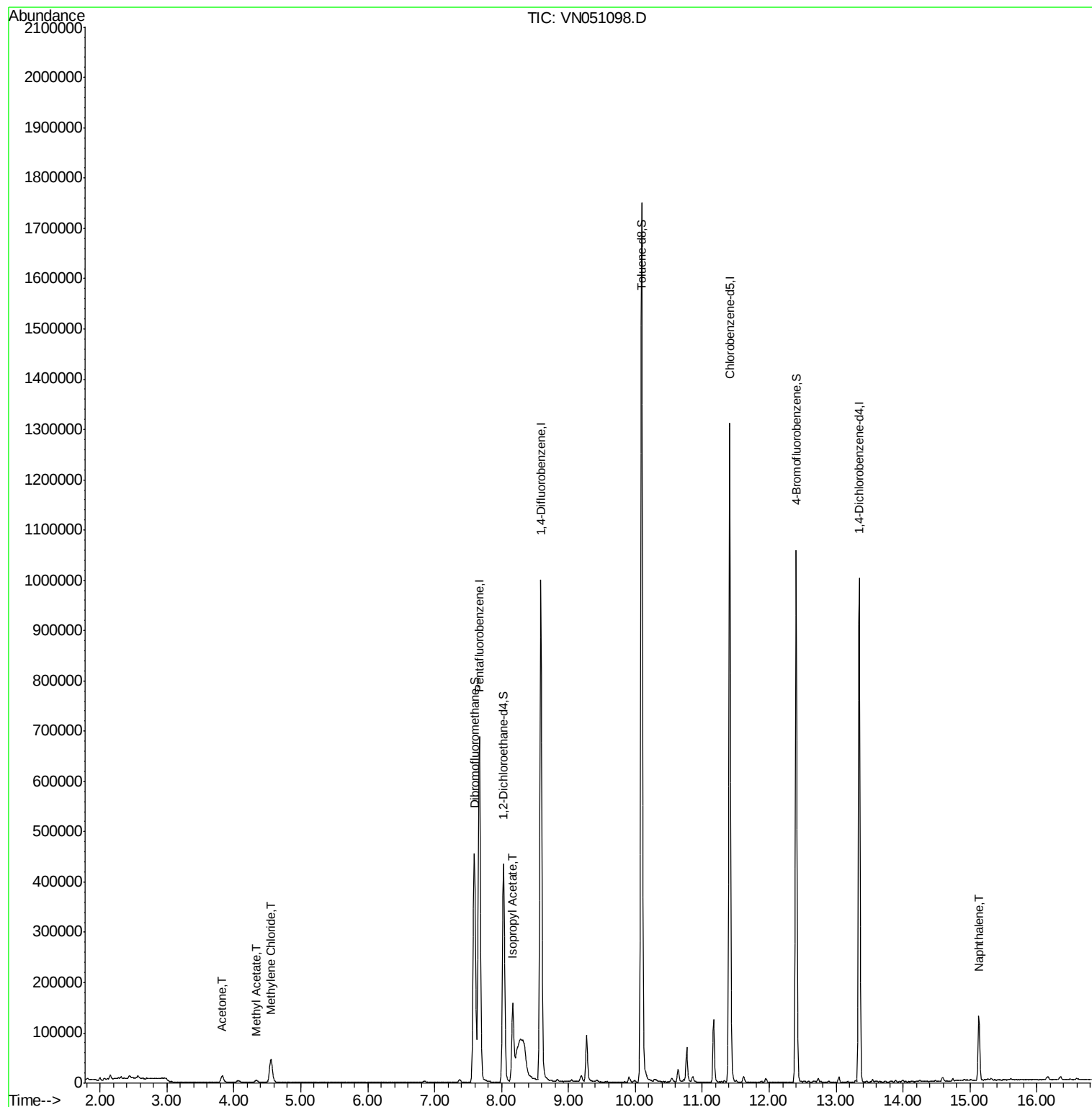
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	23082	7.97	ug/l	94
18) Methyl Acetate	4.34	43	8298	1.51	ug/l #	88
20) Methylene Chloride	4.55	84	36936	4.88	ug/l	93
43) Isopropyl Acetate	8.17	43	193616	17.81	ug/l #	86
95) Naphthalene	15.13	128	116610	14.64	ug/l	99

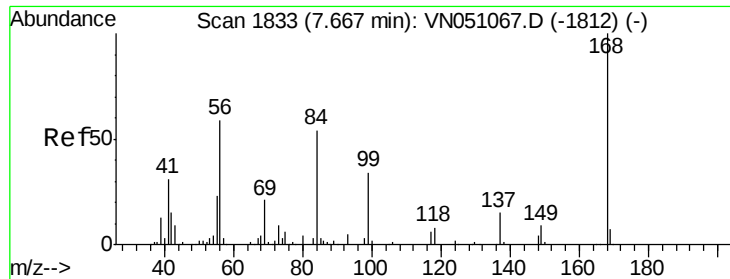
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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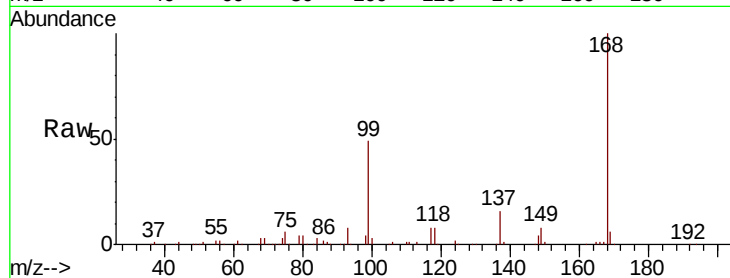


#1

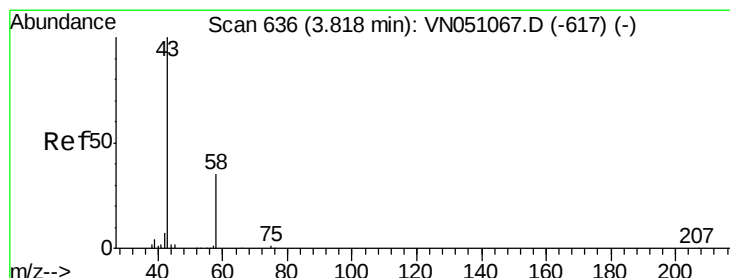
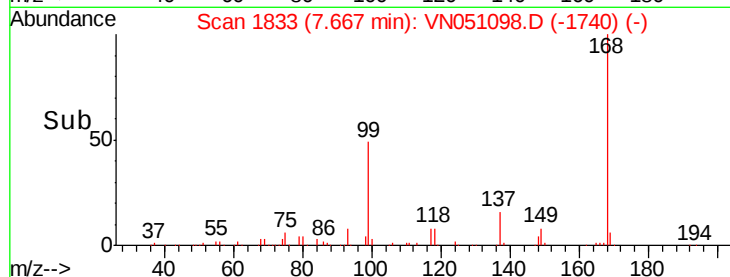
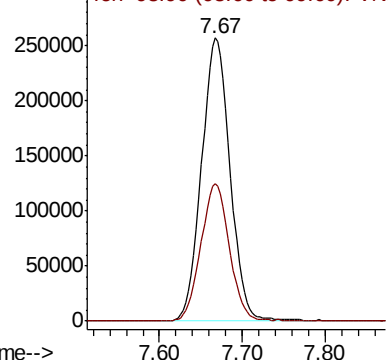
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VN051098.D
 Acq: 11 Sep 2018 00:22

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES-3-4FT

Tot Ion:168 Resp: 616007
 Ion Ratio Lower Upper
 168 100
 99 48.7 38.3 57.5



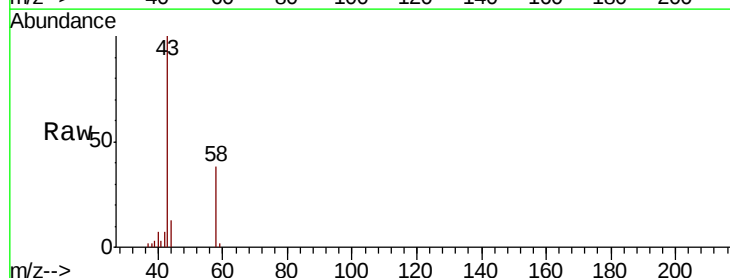
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VN0



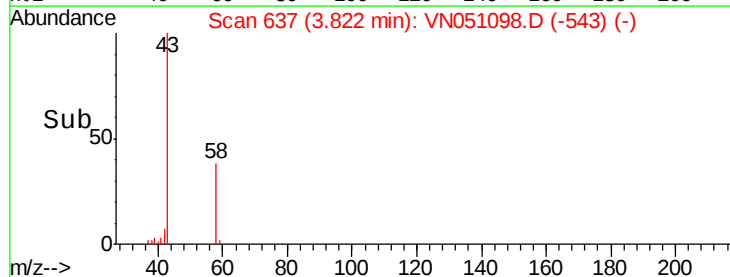
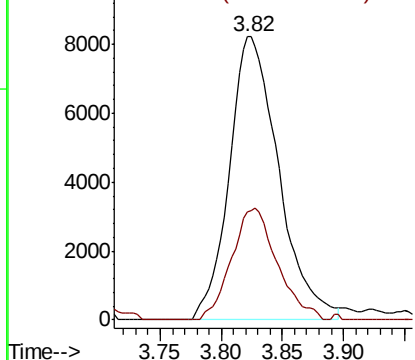
#16

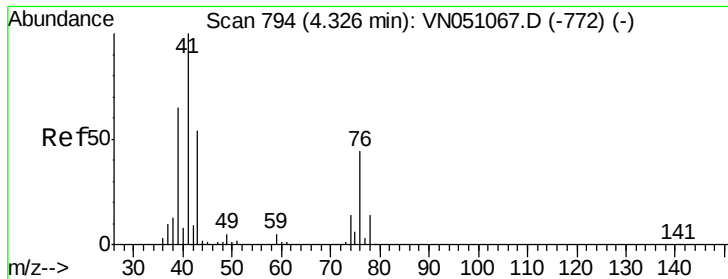
Acetone
 Concen: 7.97 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN051098.D
 Acq: 11 Sep 2018 00:22

Tgt Ion: 43 Resp: 23082
 Ion Ratio Lower Upper
 43 100
 58 38.1 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

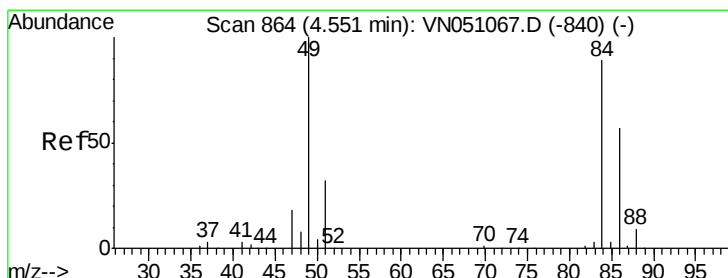
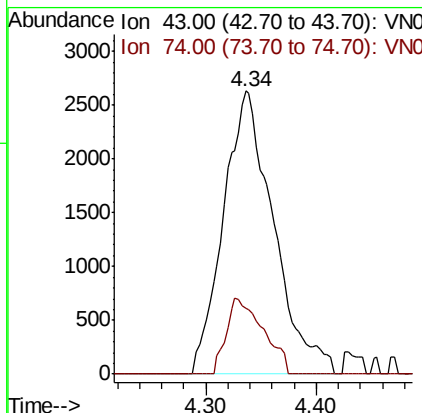
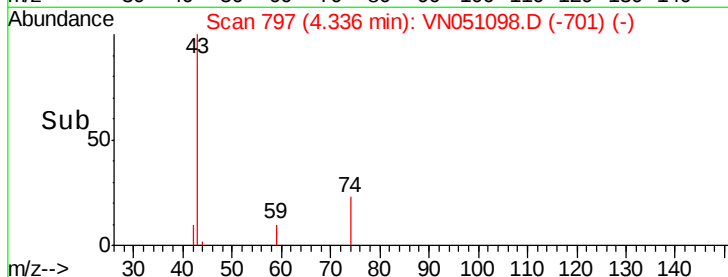
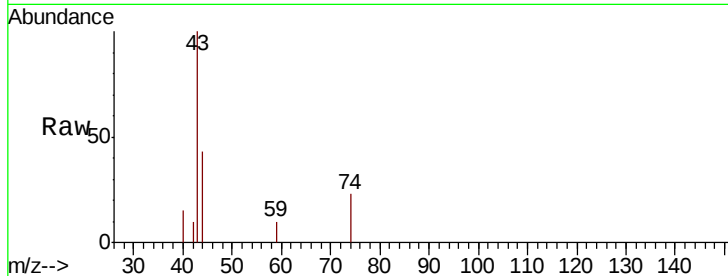




#18
Methyl Acetate
Concen: 1.51 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051098.D
Acq: 11 Sep 2018 00:22

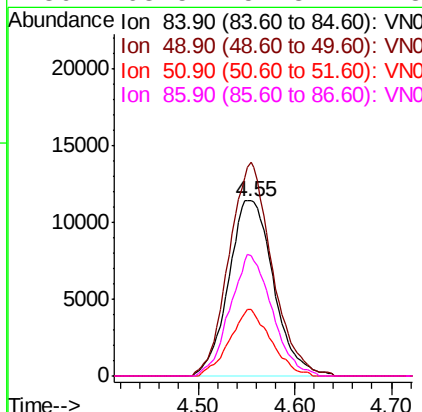
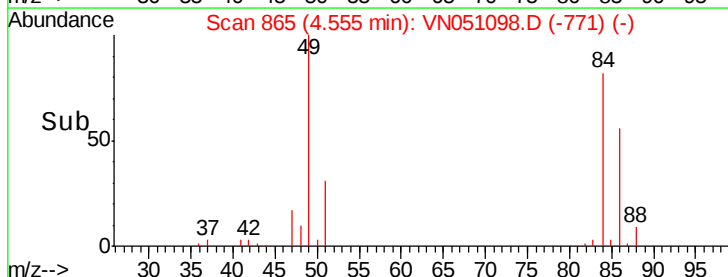
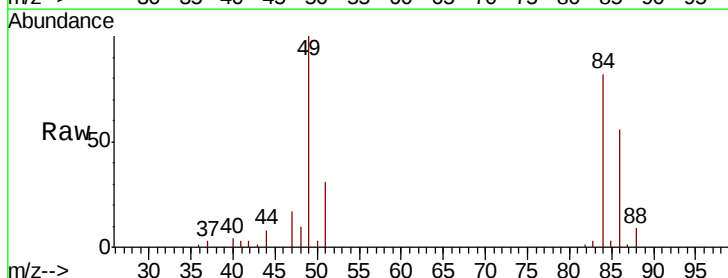
Instrument :
MSVOA_N
ClientSampleId :
OILY-STONES-3-4FT

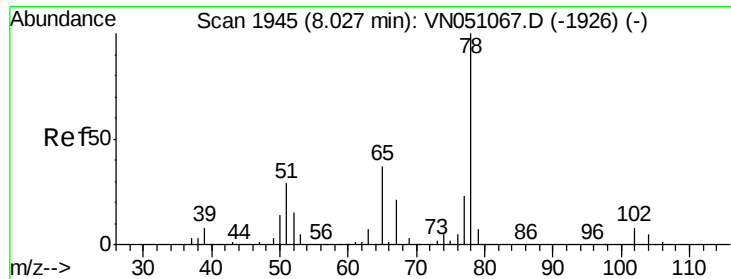
Tot Ion: 43 Resp: 8298
Ion Ratio Lower Upper
43 100
74 19.8 20.7 31.1#



#20
Methylene Chloride
Concen: 4.88 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051098.D
Acq: 11 Sep 2018 00:22

Tgt Ion: 84 Resp: 36936
Ion Ratio Lower Upper
84 100
49 121.9 90.2 135.2
51 37.9 28.4 42.6
86 68.5 51.8 77.8

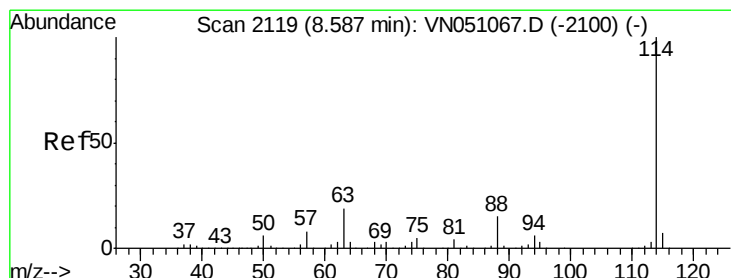
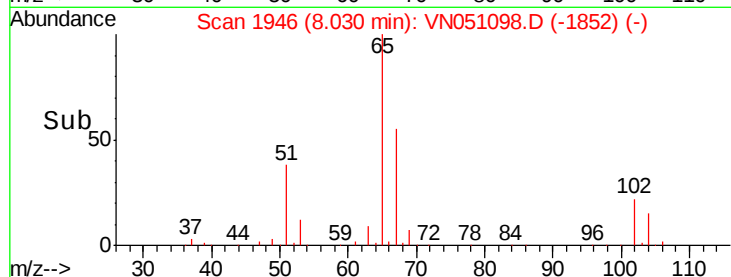
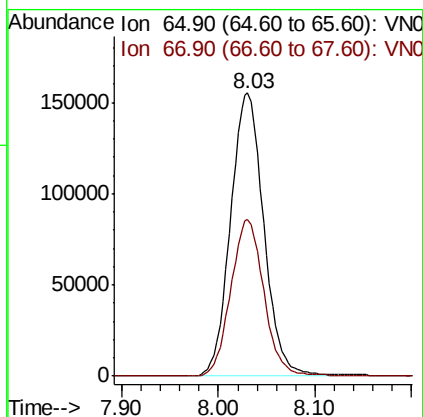
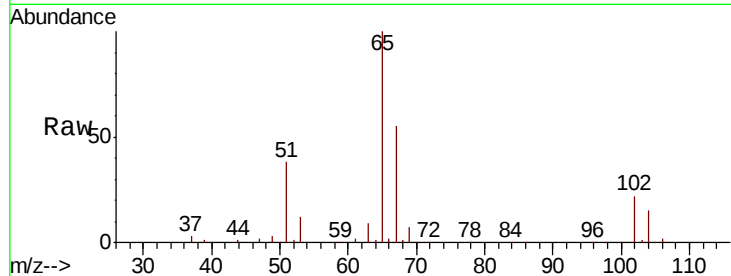




#33
 1,2-Dichloroethane-d4
 Concen: 53.99 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051098.D
 Acq: 11 Sep 2018 00:22

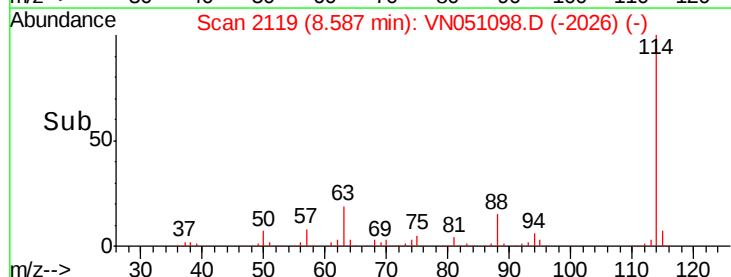
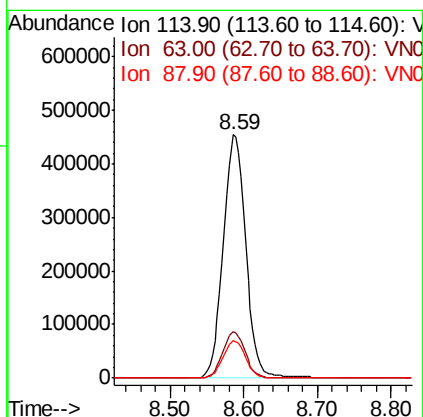
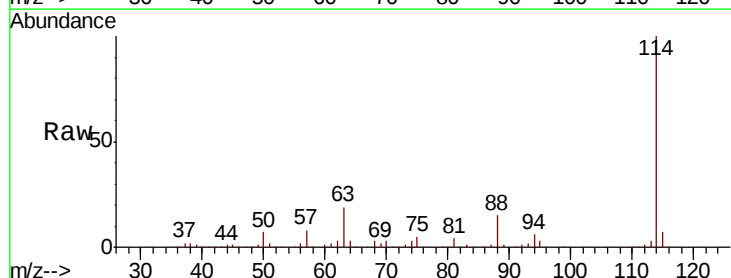
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES-3-4FT

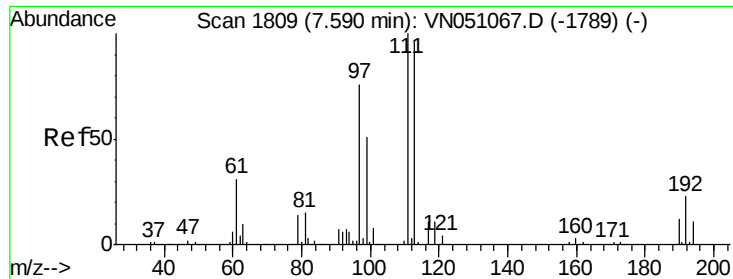
Tot Ion: 65 Resp: 370105
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051098.D
 Acq: 11 Sep 2018 00:22

Tgt Ion: 114 Resp: 968916
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.2 0.0 30.8

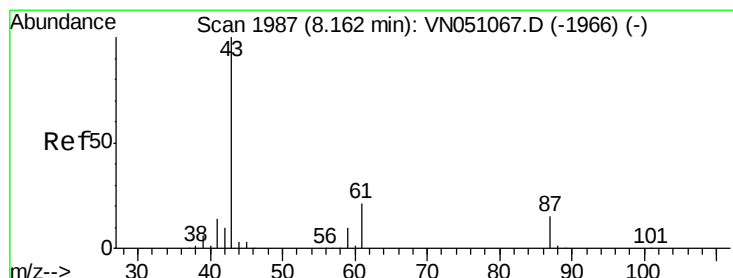
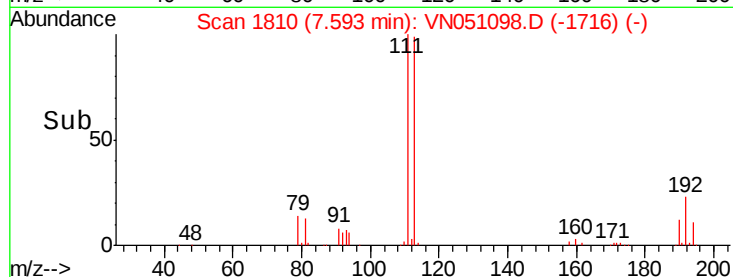
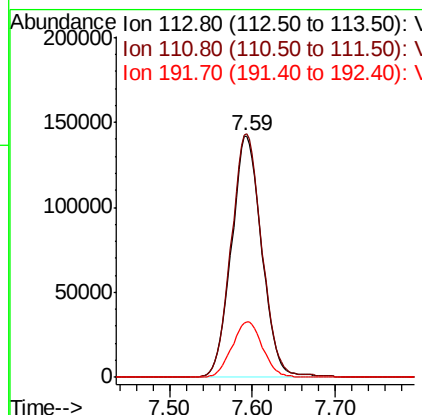
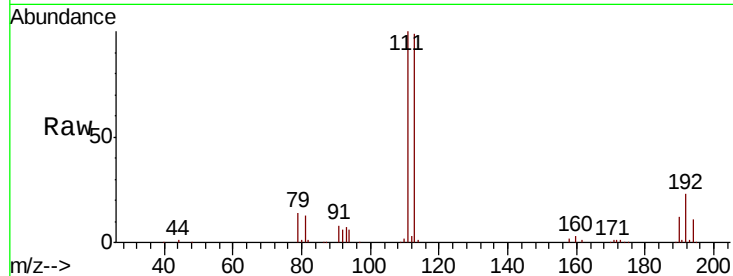




#35
 Dibromofluoromethane
 Concen: 49.60 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051098.D
 Acq: 11 Sep 2018 00:22

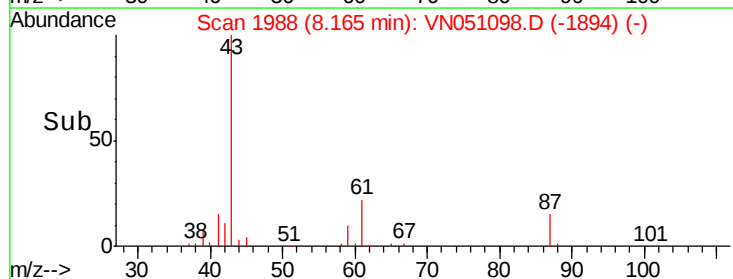
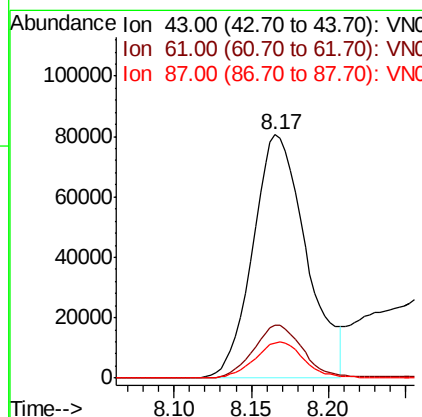
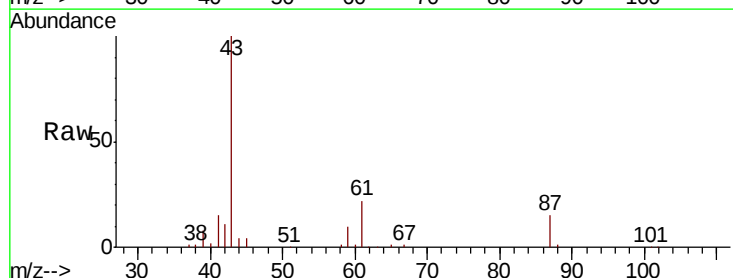
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-STONES-3-4FT

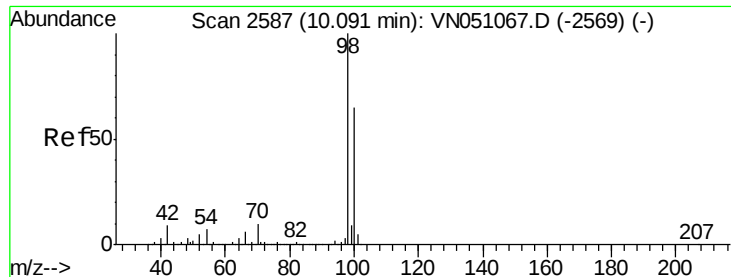
Tot Ion:113 Resp: 361146
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.0 124.6
 192 23.4 18.7 28.1



#43
 Isopropyl Acetate
 Concen: 17.81 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051098.D
 Acq: 11 Sep 2018 00:22

Tgt Ion: 43 Resp: 193616
 Ion Ratio Lower Upper
 43 100
 61 20.2 25.0 37.6#
 87 13.7 11.8 17.8





#50

Toluene-d8

Concen: 47.71 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

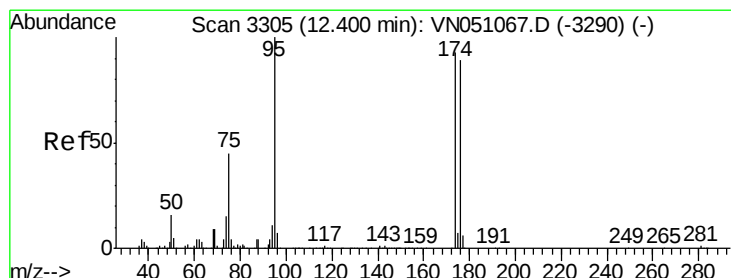
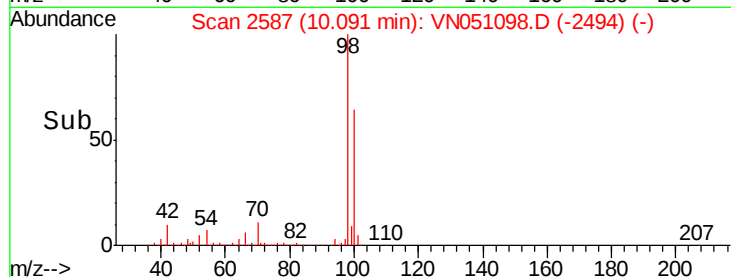
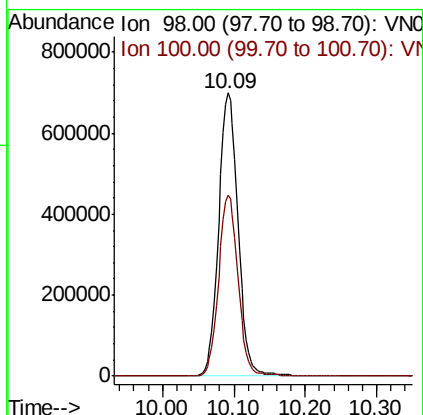
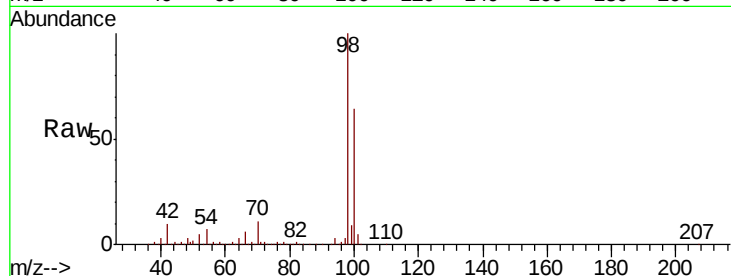
OILY-STONES-3-4FT

Tot Ion: 98 Resp: 1318068

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 40.86 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

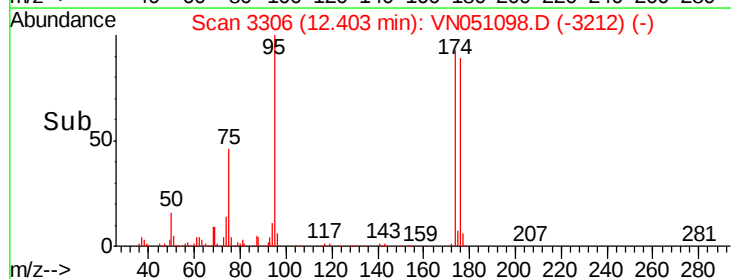
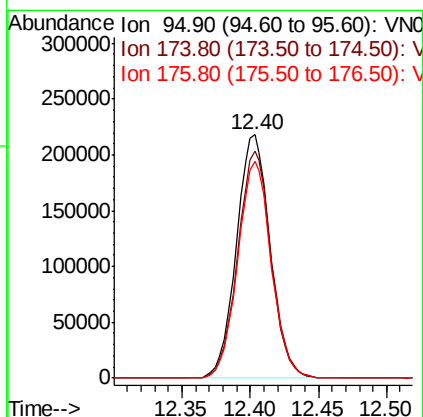
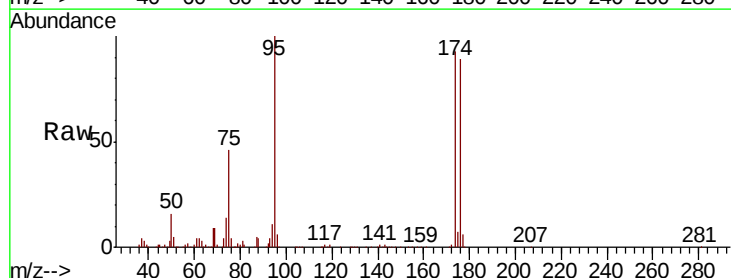
Tgt Ion: 95 Resp: 373457

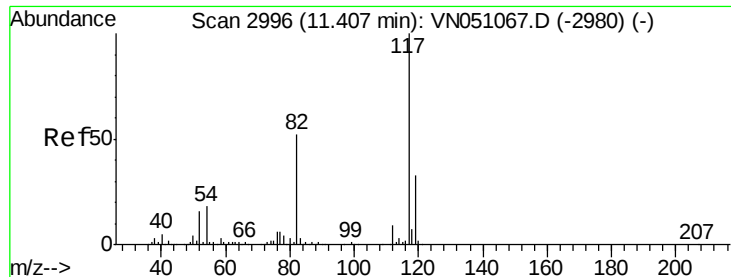
Ion Ratio Lower Upper

95 100

174 92.9 0.0 184.8

176 88.4 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

OILY-STONES-3-4FT

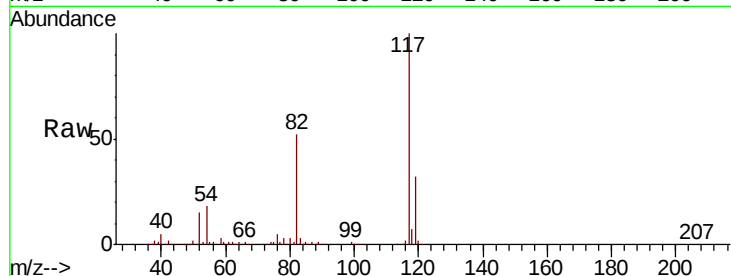
Tot Ion:117 Resp: 837361

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.6

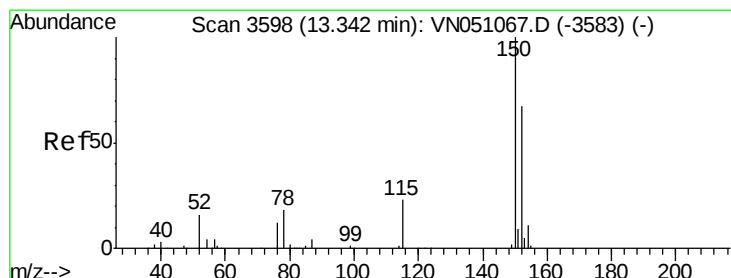
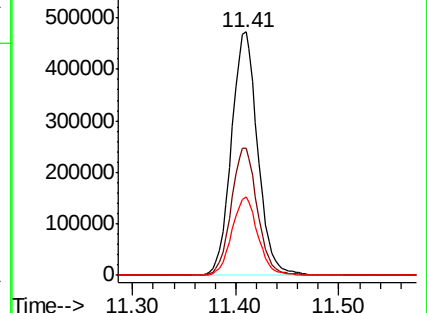
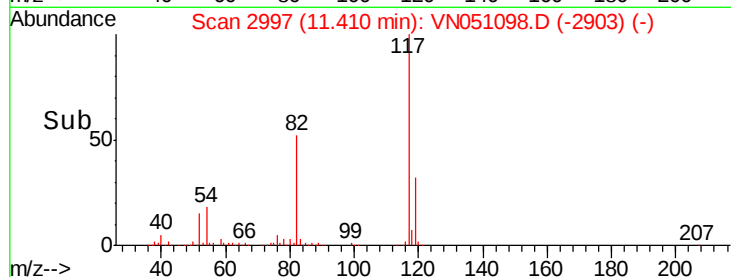
119 32.0 26.2 39.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

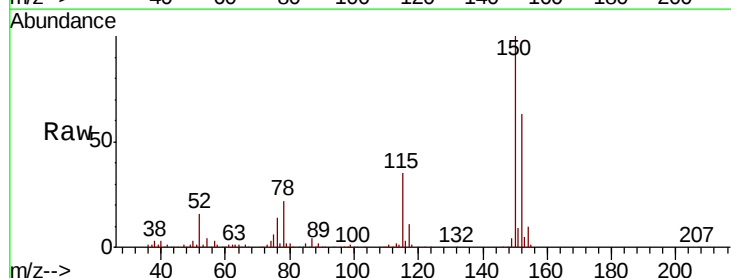
Tgt Ion:152 Resp: 297807

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

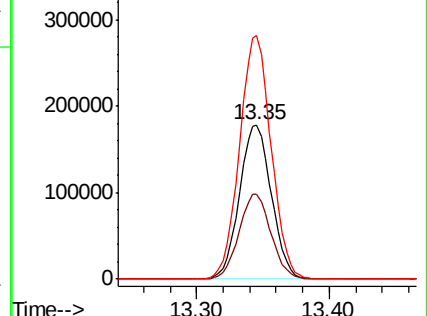
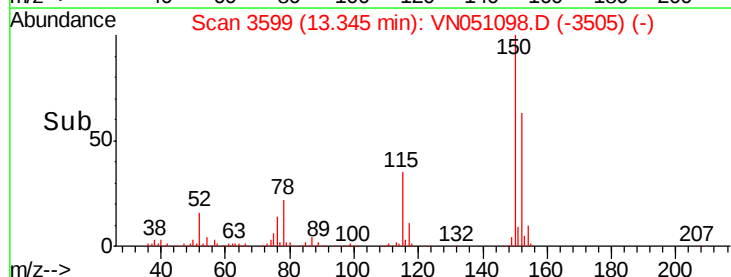
150 156.5 0.0 349.0

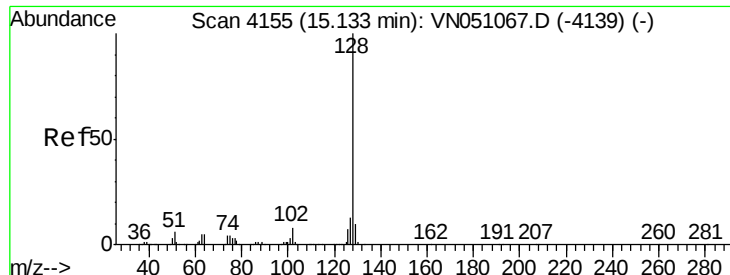


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 14.64 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051098.D

Acq: 11 Sep 2018 00:22

Instrument :

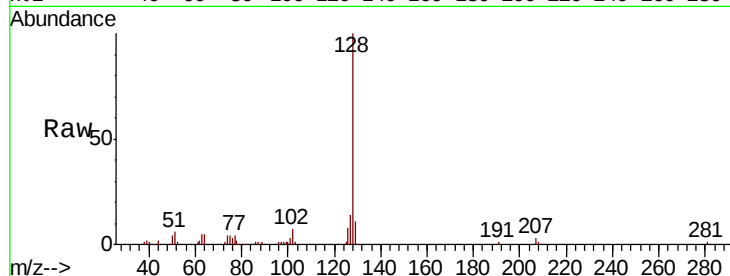
MSVOA_N

ClientSampleId :

OILY-STONES-3-4FT

Tot Ion:128 Resp: 116610

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	15.8
129	11.1	8.6	12.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

