

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070176.D
 Acq On : 17 Dec 2021 20:26
 Operator : JC/MD
 Sample : M5114-03 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HS-OILY-WATER

Quant Time: Dec 18 05:48:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

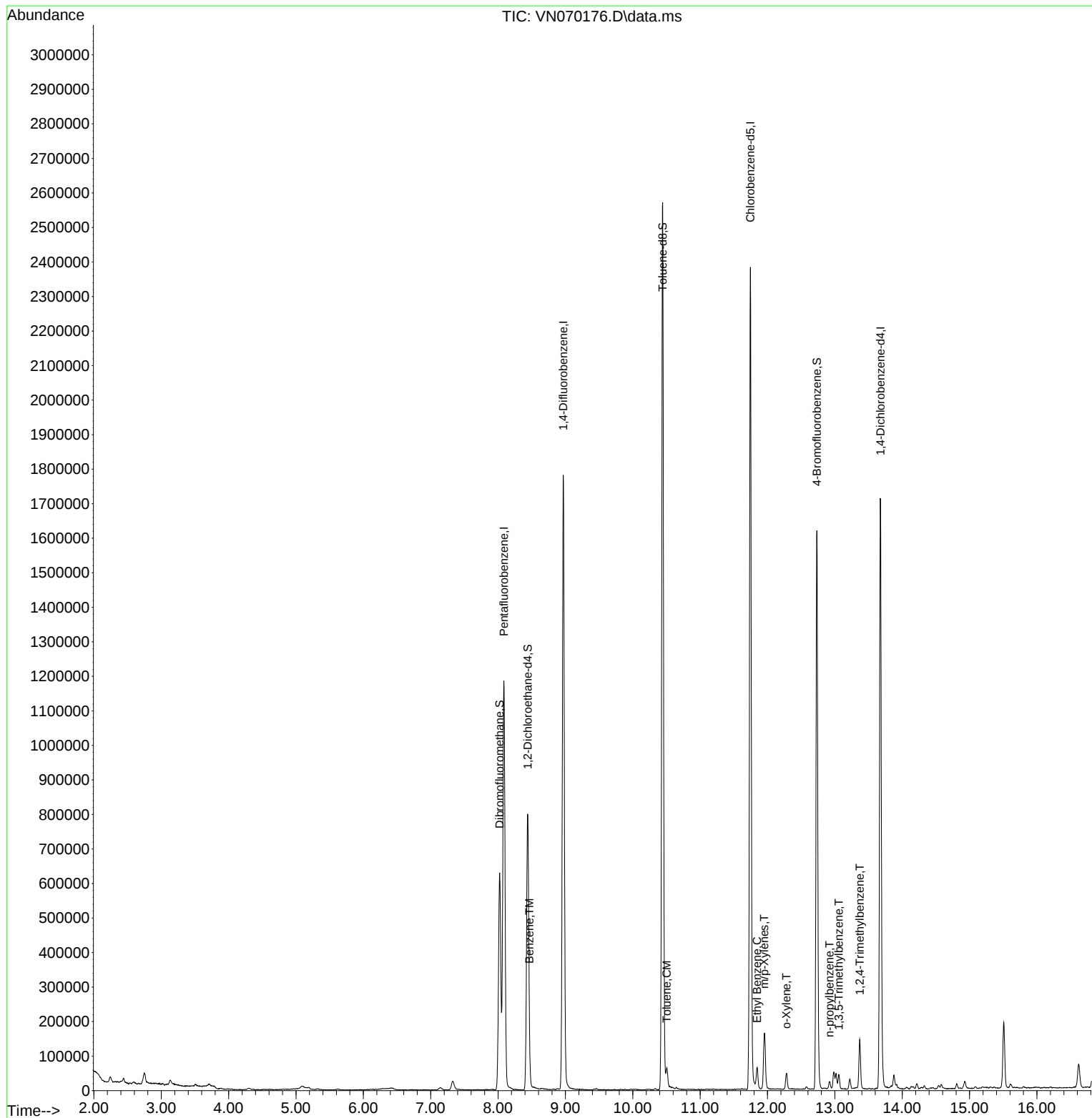
Internal Standards						
1) Pentafluorobenzene	8.086	168	886154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1488983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1319774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	452753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	705389	51.555	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.120%	
35) Dibromofluoromethane	8.024	113	453425	48.616	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.240%	
50) Toluene-d8	10.443	98	1750170	46.734	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 93.460%	
62) 4-Bromofluorobenzene	12.734	95	569451	41.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 83.940%	
Target Compounds						
					Qvalue	
40) Benzene	8.464	78	10142	0.234	ug/l	98
52) Toluene	10.505	92	20171	0.763	ug/l	98
67) Ethyl Benzene	11.846	91	46088	0.948	ug/l	96
68) m/p-Xylenes	11.953	106	53249	3.007	ug/l	93
69) o-Xylene	12.280	106	13058	0.732	ug/l	95
78) n-propylbenzene	12.921	91	17997	0.401	ug/l	98
80) 1,3,5-Trimethylbenzene	13.061	105	19649	0.606	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	80647	2.612	ug/l	96

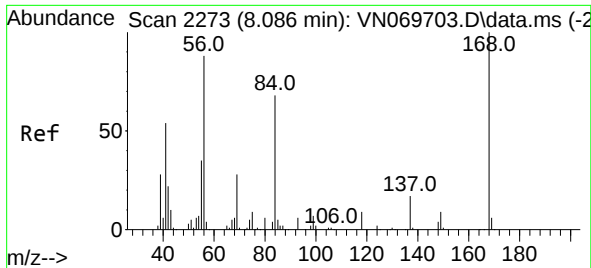
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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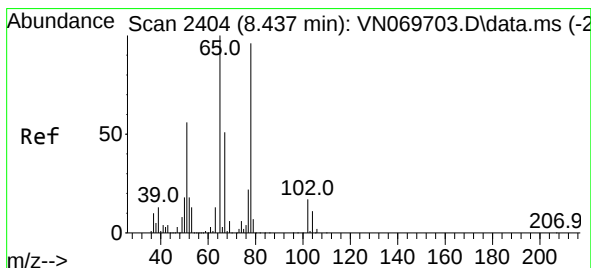
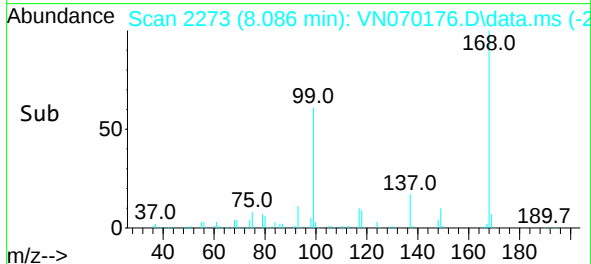
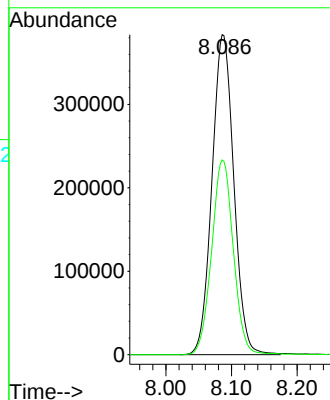
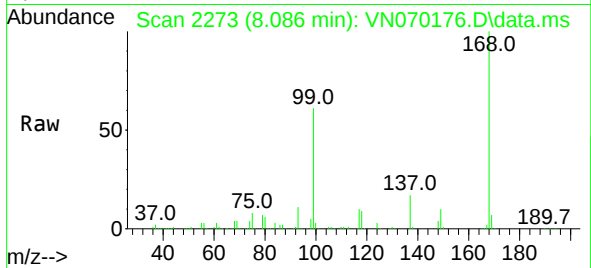




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070176.D
Acq: 17 Dec 2021 20:26

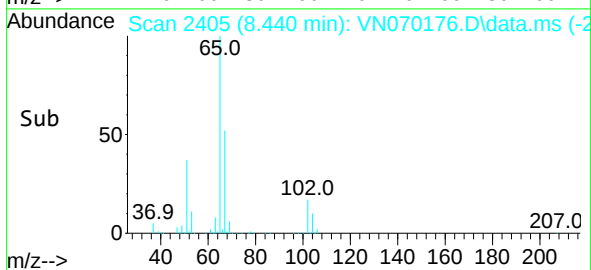
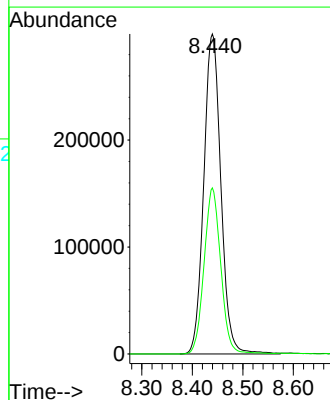
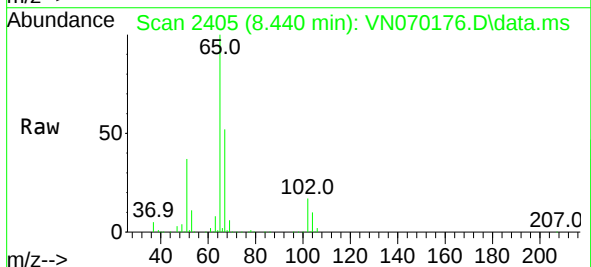
Instrument :
MSVOA_N
ClientSampleId :
HS-OILY-WATER

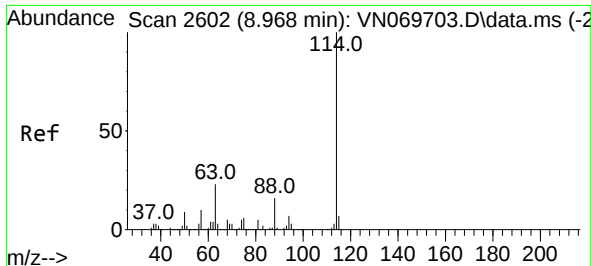
Tgt Ion:168 Resp: 886154
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 51.555 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070176.D
Acq: 17 Dec 2021 20:26

Tgt Ion: 65 Resp: 705389
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0

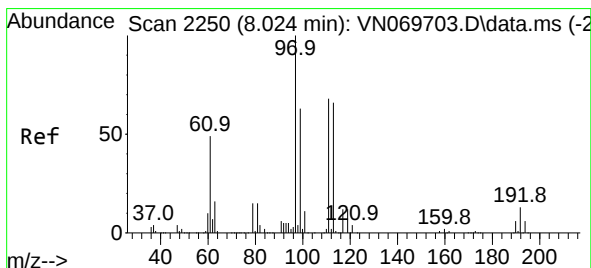
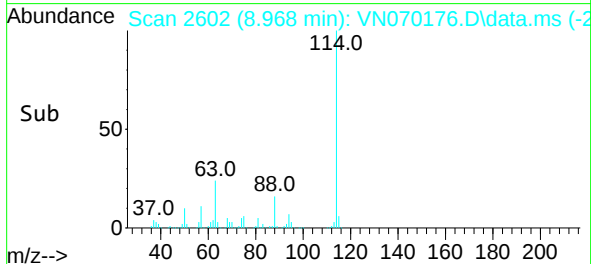
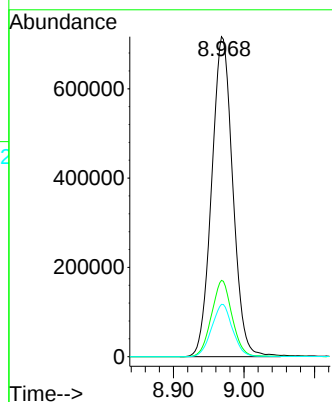
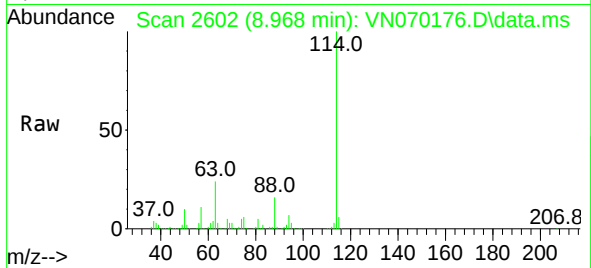




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070176.D
Acq: 17 Dec 2021 20:26

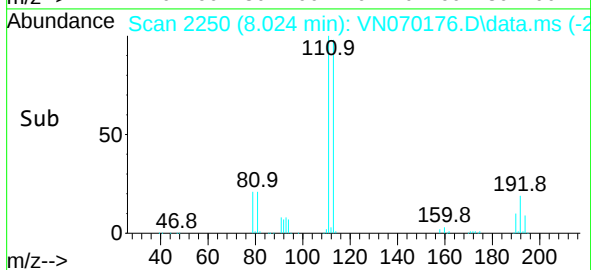
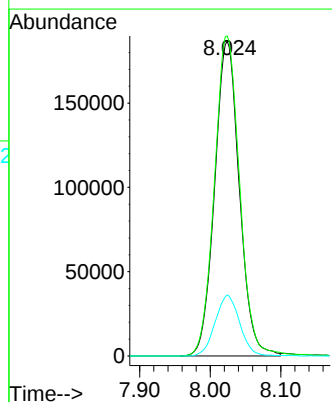
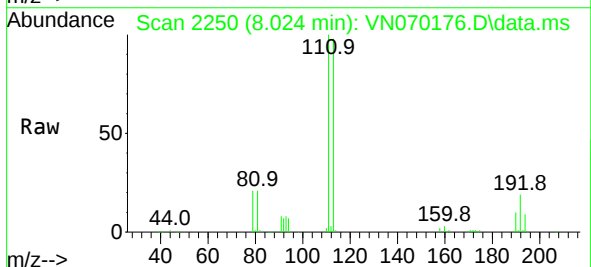
Instrument :
MSVOA_N
ClientSampleId :
HS-OILY-WATER

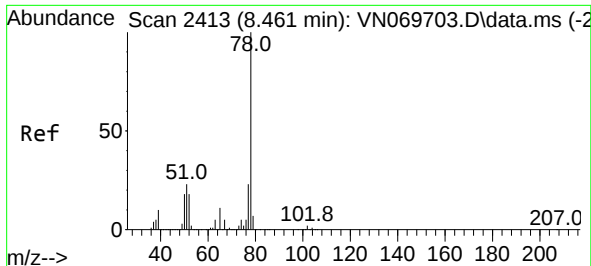
Tgt Ion:114 Resp: 1488983
Ion Ratio Lower Upper
114 100
63 23.9 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.616 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070176.D
Acq: 17 Dec 2021 20:26

Tgt Ion:113 Resp: 453425
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 19.2 16.9 25.3

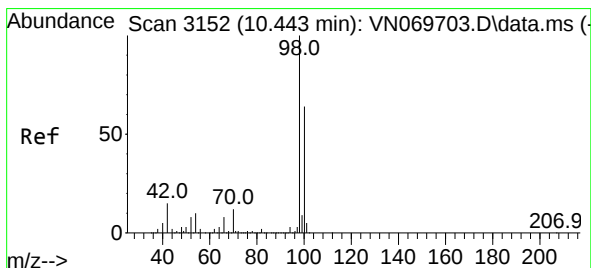
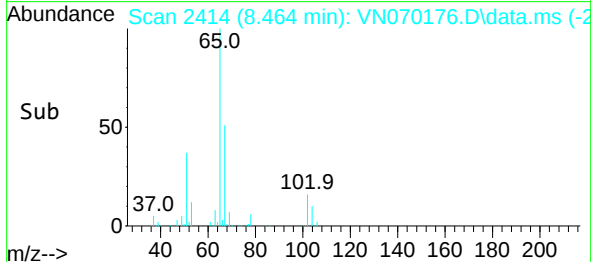
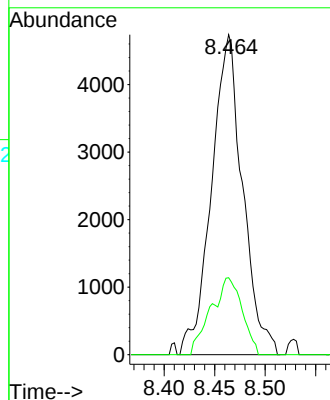
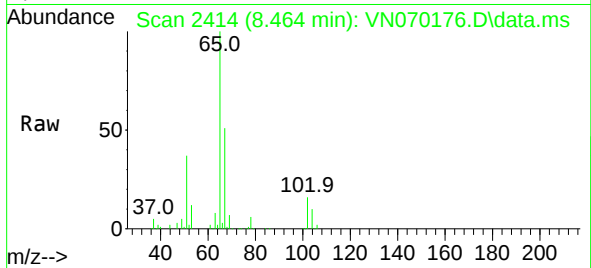




#40
Benzene
Concen: 0.234 ug/l
RT: 8.464 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070176.D
Acq: 17 Dec 2021 20:26

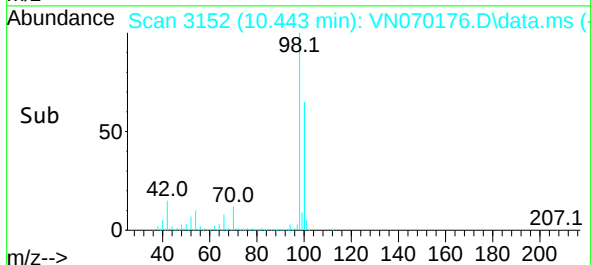
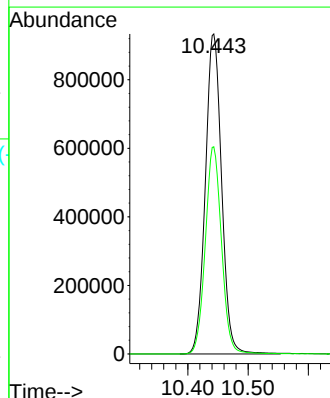
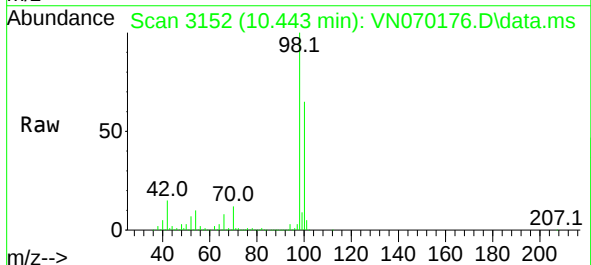
Instrument :
MSVOA_N
ClientSampleId :
HS-OILY-WATER

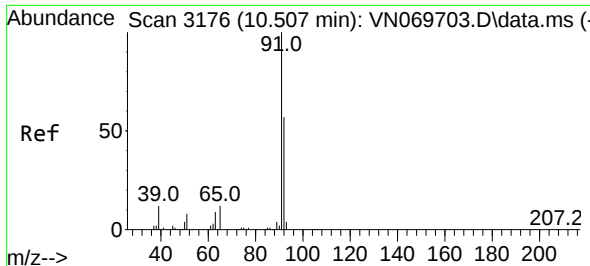
Tgt Ion: 78 Resp: 10142
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8



#50
Toluene-d8
Concen: 46.734 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070176.D
Acq: 17 Dec 2021 20:26

Tgt Ion: 98 Resp: 1750170
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

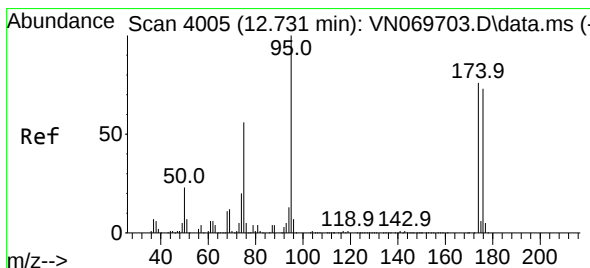
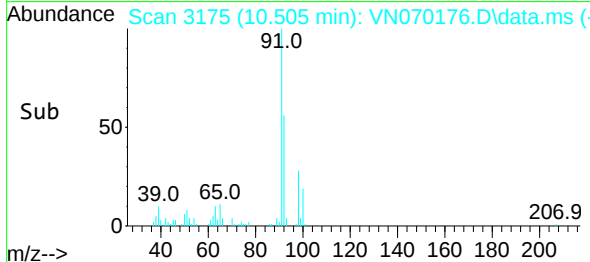
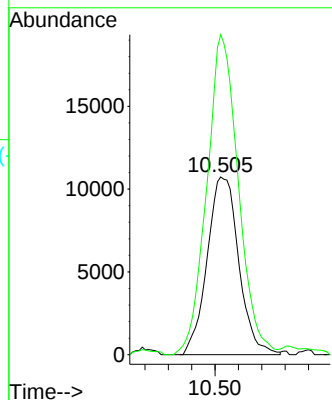
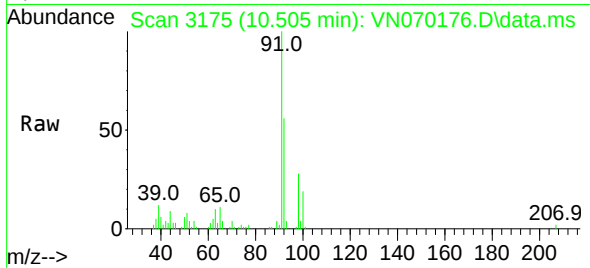




#52
Toluene
Concen: 0.763 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN070176.D
Acq: 17 Dec 2021 20:26

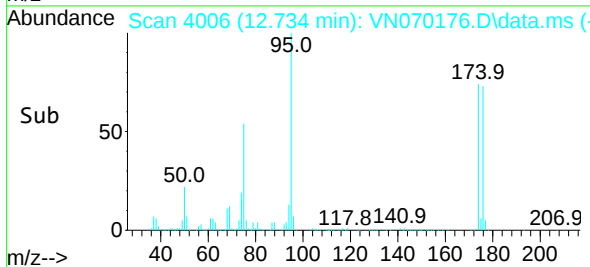
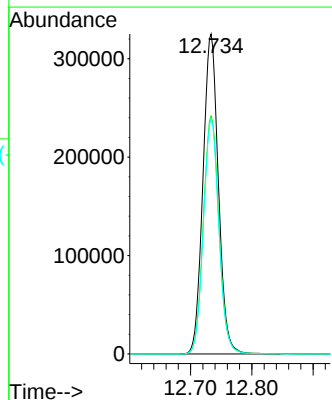
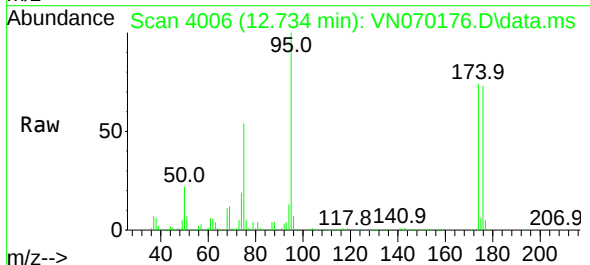
Instrument :
MSVOA_N
ClientSampleId :
HS-OILY-WATER

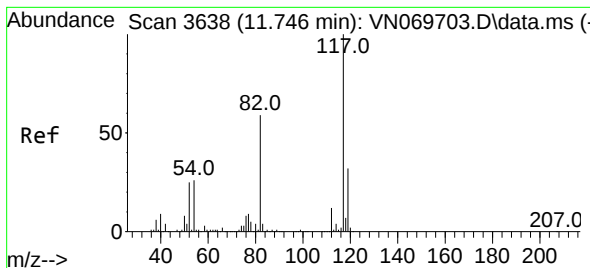
Tgt Ion: 92 Resp: 20171
Ion Ratio Lower Upper
92 100
91 179.6 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 41.973 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070176.D
Acq: 17 Dec 2021 20:26

Tgt Ion: 95 Resp: 569451
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 73.4 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.747 min Scan# 3638

Delta R.T. 0.001 min

Lab File: VN070176.D

Acq: 17 Dec 2021 20:26

Instrument :

MSVOA_N

ClientSampleId :

HS-OILY-WATER

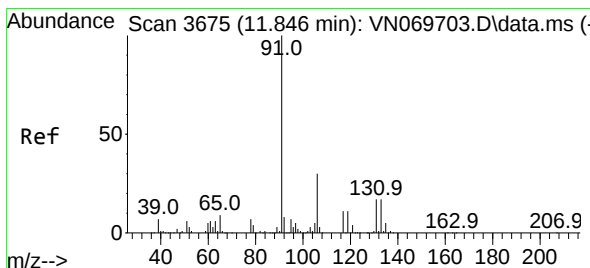
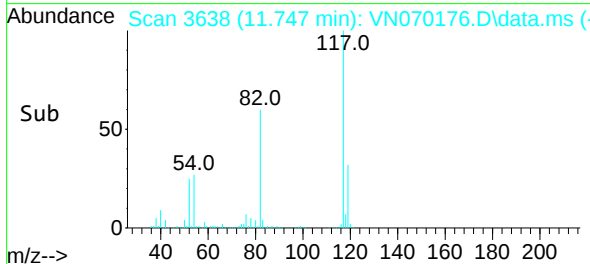
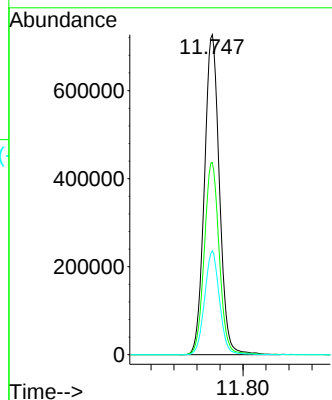
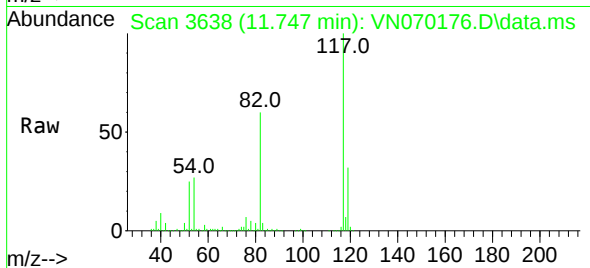
Tgt Ion:117 Resp: 1319774

Ion Ratio Lower Upper

117 100

82 60.1 42.4 63.6

119 32.5 25.4 38.2



#67

Ethyl Benzene

Concen: 0.948 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. 0.000 min

Lab File: VN070176.D

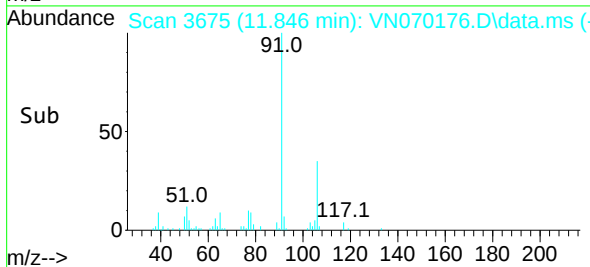
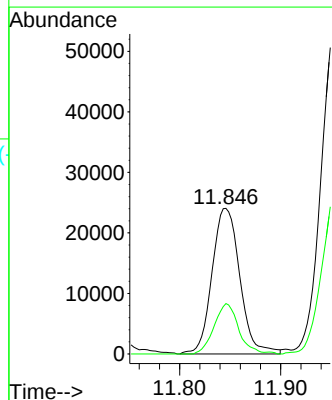
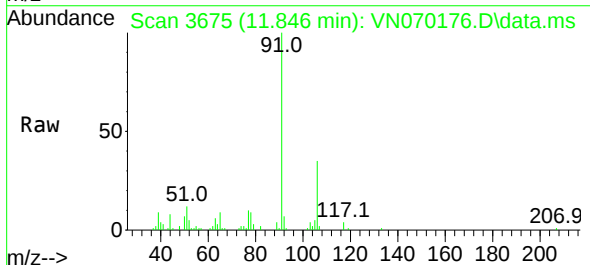
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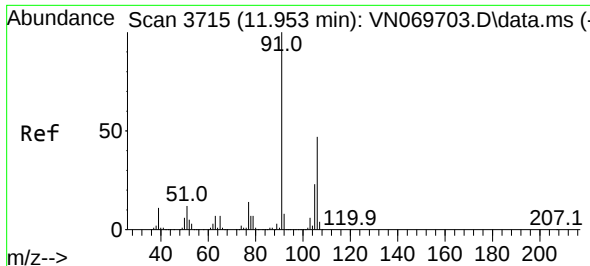
Tgt Ion: 91 Resp: 46088

Ion Ratio Lower Upper

91 100

106 34.6 25.7 38.5

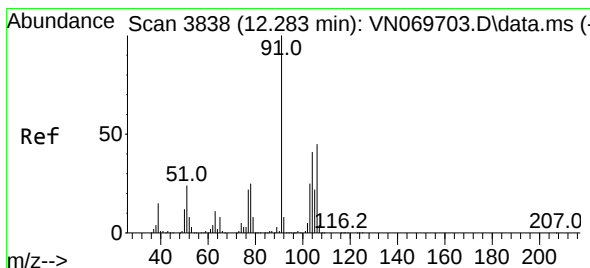
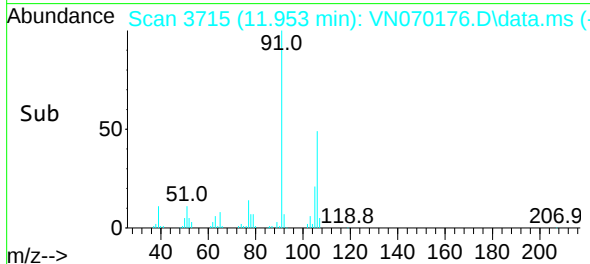
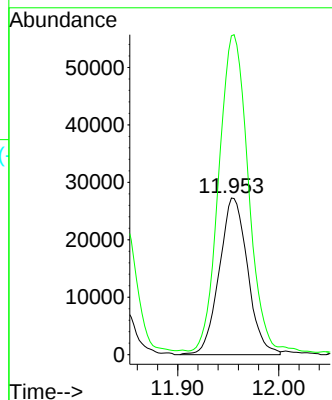
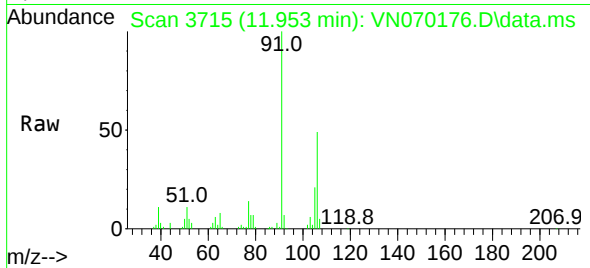




#68
m/p-Xylenes
Concen: 3.007 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070176.D
Acq: 17 Dec 2021 20:26

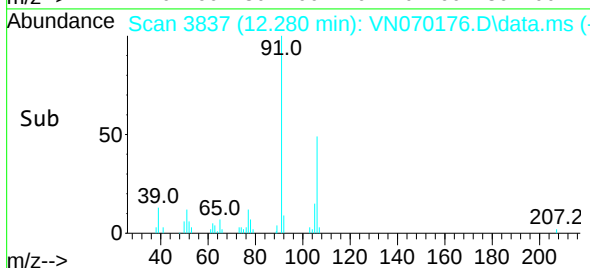
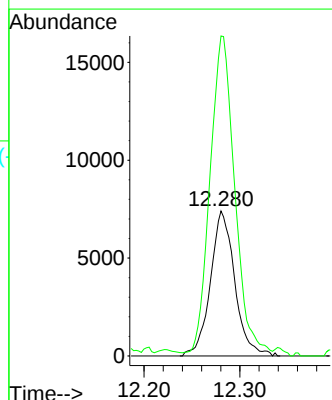
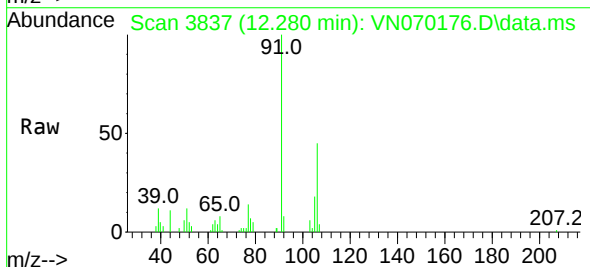
Instrument :
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HS-OILY-WATER

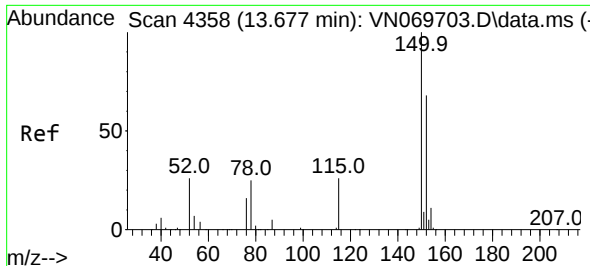
Tgt Ion:106 Resp: 53249
Ion Ratio Lower Upper
106 100
91 211.8 160.6 240.8



#69
o-Xylene
Concen: 0.732 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070176.D
Acq: 17 Dec 2021 20:26

Tgt Ion:106 Resp: 13058
Ion Ratio Lower Upper
106 100
91 219.3 105.8 317.3

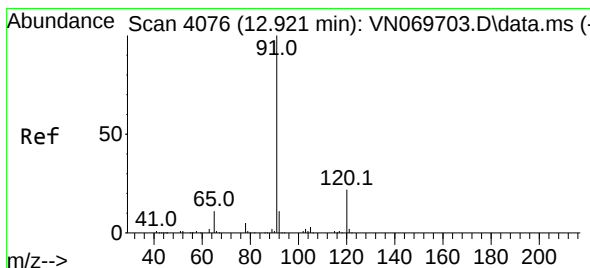
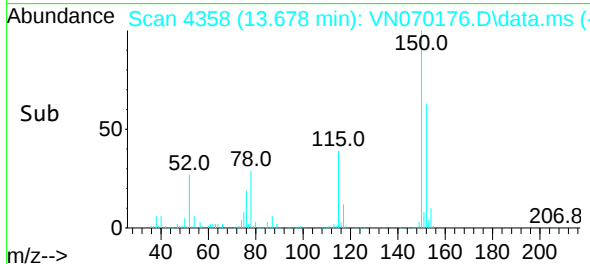
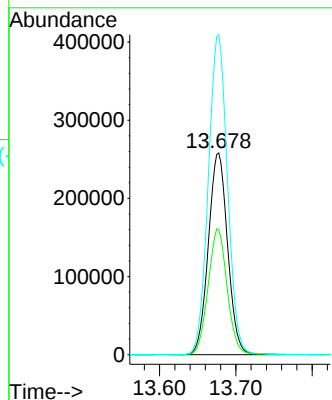
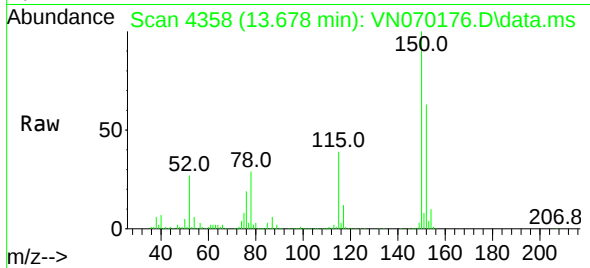




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN070176.D
Acq: 17 Dec 2021 20:26

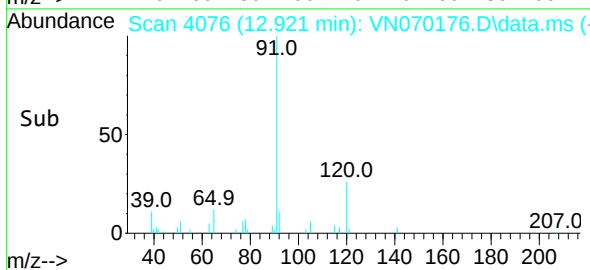
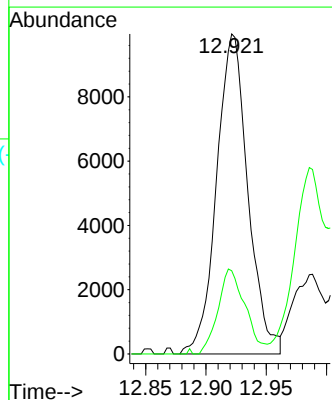
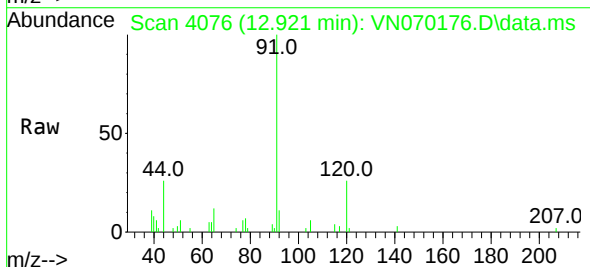
Instrument :
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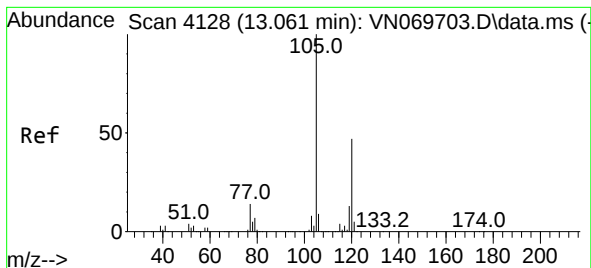
Tgt Ion:152 Resp: 452753
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 157.8 0.0 344.4



#78
n-propylbenzene
Concen: 0.401 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070176.D
Acq: 17 Dec 2021 20:26

Tgt Ion: 91 Resp: 17997
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.9





#80

1,3,5-Trimethylbenzene

Concen: 0.606 ug/l

RT: 13.061 min Scan# 4128

Delta R.T. 0.000 min

Lab File: VN070176.D

Acq: 17 Dec 2021 20:26

Instrument :

MSVOA_N

ClientSampleId :

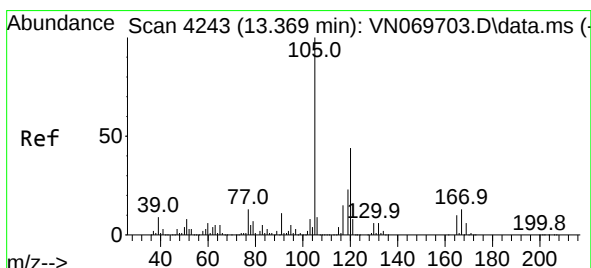
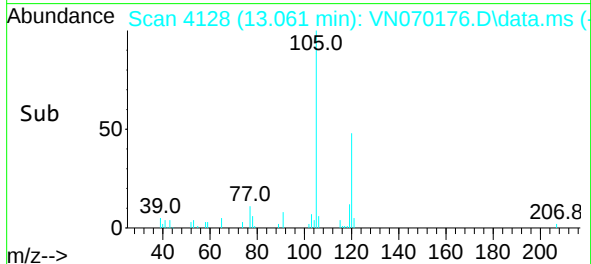
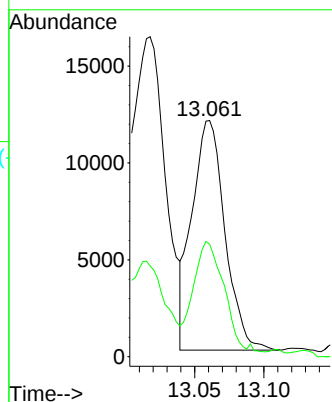
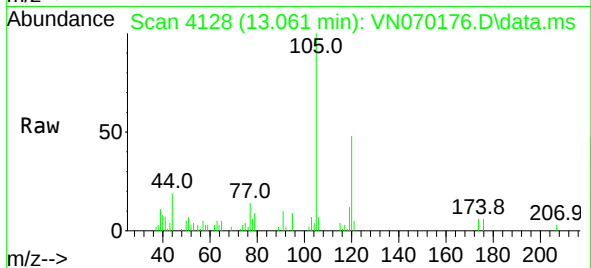
HS-OILY-WATER

Tgt Ion:105 Resp: 19649

Ion Ratio Lower Upper

105 100

120 44.8 24.6 73.6



#84

1,2,4-Trimethylbenzene

Concen: 2.612 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. 0.000 min

Lab File: VN070176.D

Acq: 17 Dec 2021 20:26

Tgt Ion:105 Resp: 80647

Ion Ratio Lower Upper

105 100

120 42.9 22.8 68.4

