

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076142.D
 Acq On : 06 Jan 2023 18:36
 Operator : JC\MD
 Sample : 01066-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER-1

Quant Time: Jan 06 22:57:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

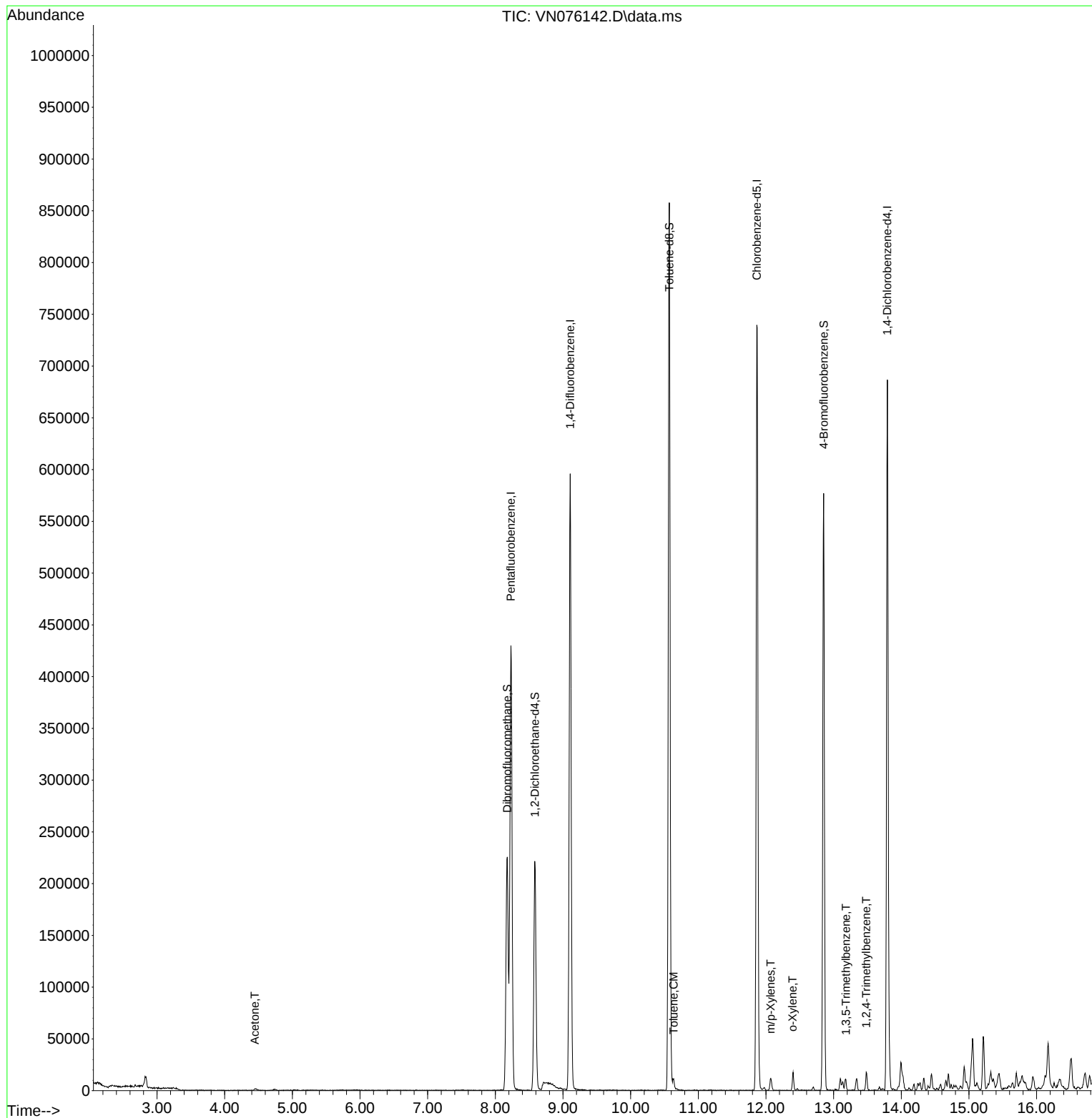
Internal Standards						
1) Pentafluorobenzene	8.230	168	336635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	537499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	462098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	177348	48.426	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.860%
35) Dibromofluoromethane	8.177	113	161697	48.577	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.160%
50) Toluene-d8	10.571	98	616805	49.561	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.853	95	189849	46.057	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.120%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	2826	2.238	ug/l	91
52) Toluene	10.635	92	4512	0.508	ug/l	93
68) m/p-Xylenes	12.071	106	4506	0.711	ug/l	86
69) o-Xylene	12.394	106	4754	0.758	ug/l	93
80) 1,3,5-Trimethylbenzene	13.182	105	5797	0.500	ug/l	85
84) 1,2,4-Trimethylbenzene	13.482	105	10634	0.924	ug/l	93

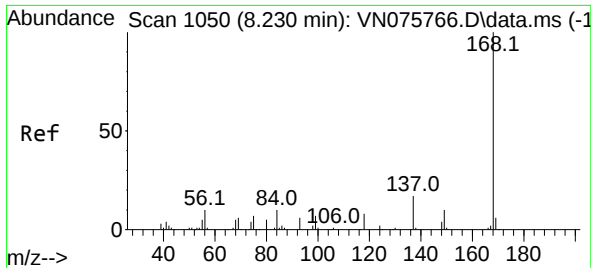
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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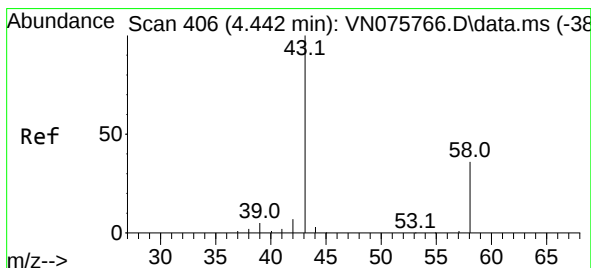
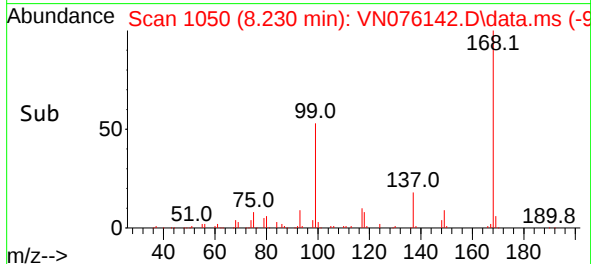
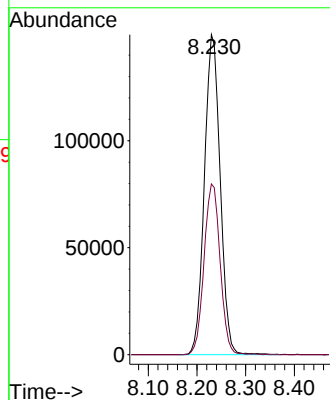
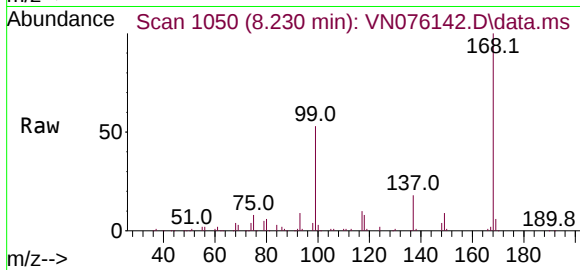




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076142.D
Acq: 06 Jan 2023 18:36

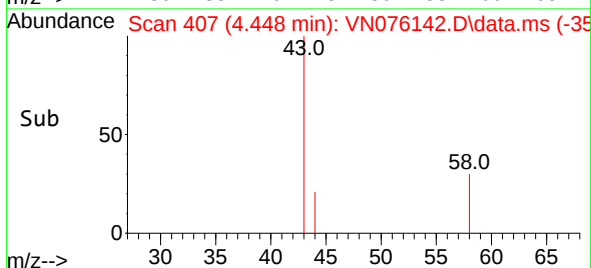
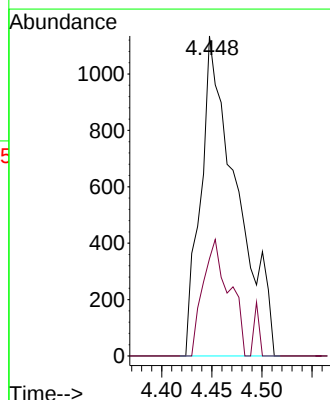
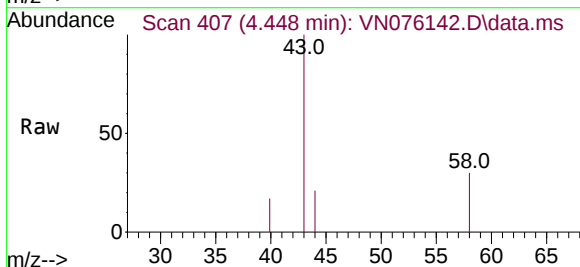
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-1

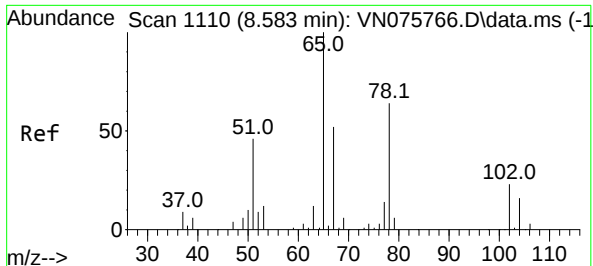
Tgt Ion:168 Resp: 336635
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#16
Acetone
Concen: 2.238 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076142.D
Acq: 06 Jan 2023 18:36

Tgt Ion: 43 Resp: 2826
Ion Ratio Lower Upper
43 100
58 30.4 28.6 43.0





#33

1,2-Dichloroethane-d4

Concen: 48.426 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076142.D

Acq: 06 Jan 2023 18:36

Instrument :

MSVOA_N

ClientSampleId :

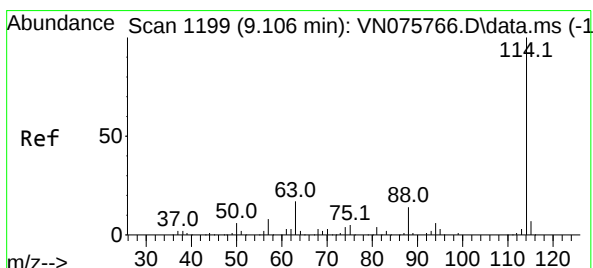
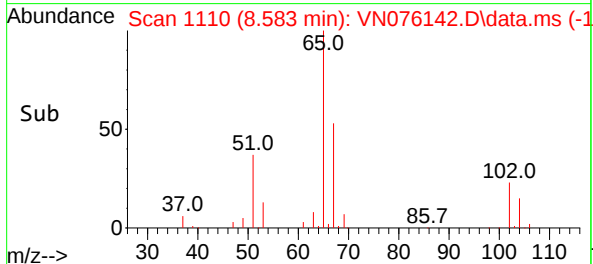
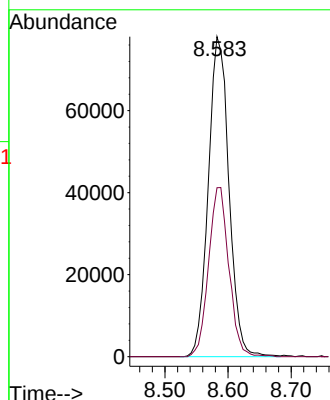
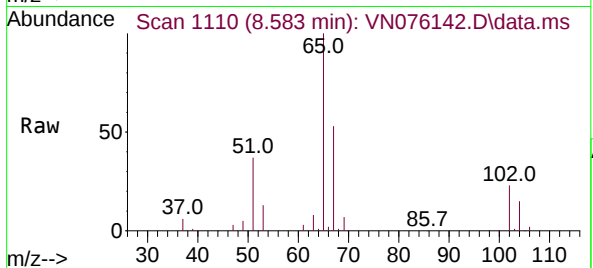
OILY-WATER-1

Tgt Ion: 65 Resp: 177348

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076142.D

Acq: 06 Jan 2023 18:36

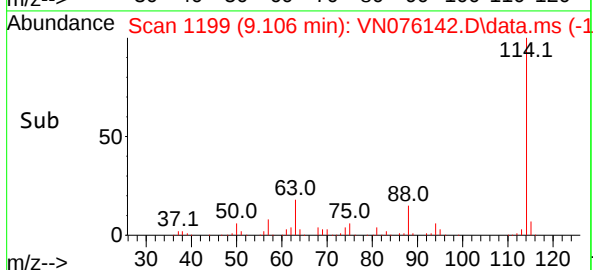
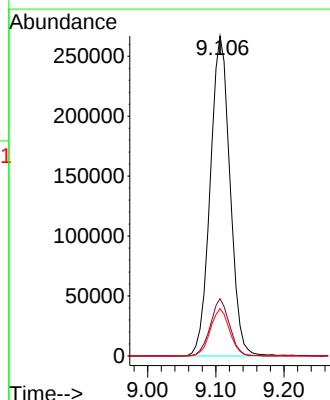
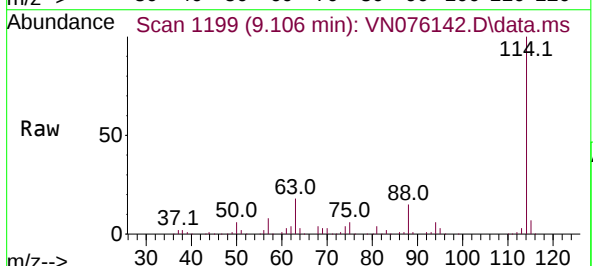
Tgt Ion: 114 Resp: 537499

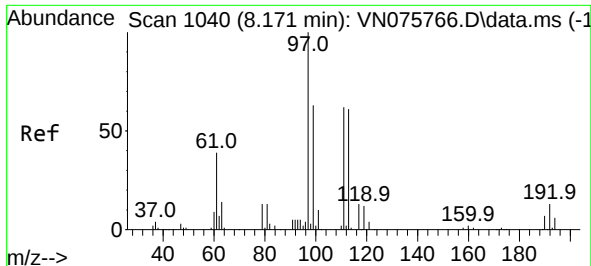
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.7 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.577 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076142.D

Acq: 06 Jan 2023 18:36

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER-1

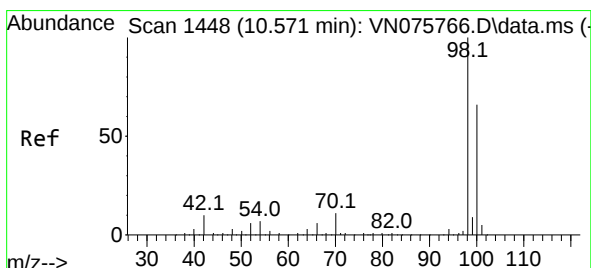
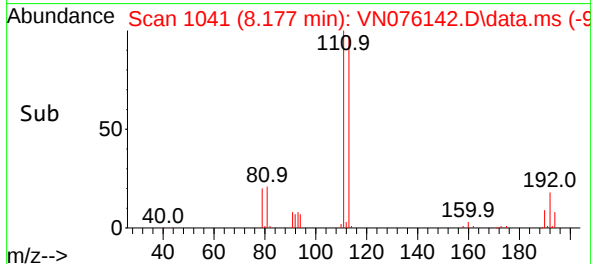
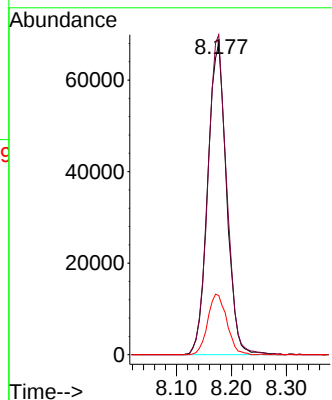
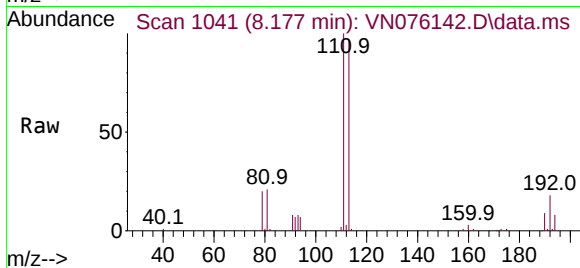
Tgt Ion:113 Resp: 161697

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

192 19.7 16.1 24.1



#50

Toluene-d8

Concen: 49.561 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076142.D

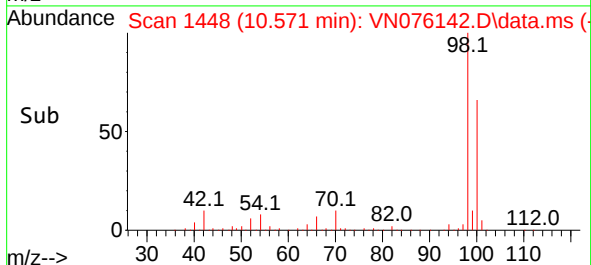
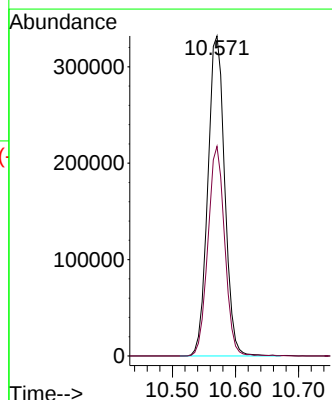
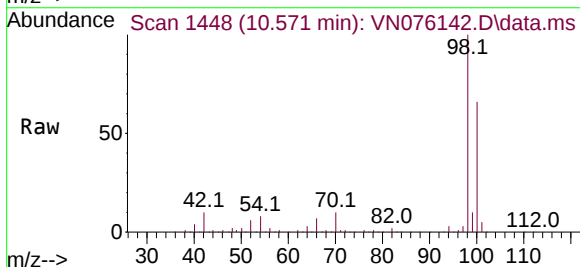
Acq: 06 Jan 2023 18:36

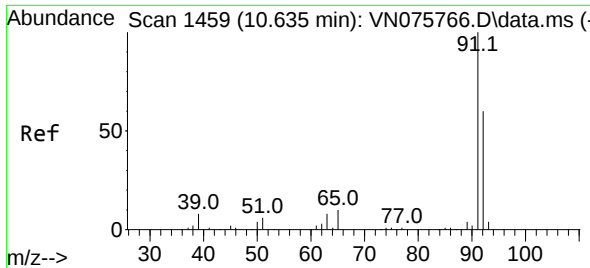
Tgt Ion: 98 Resp: 616805

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1

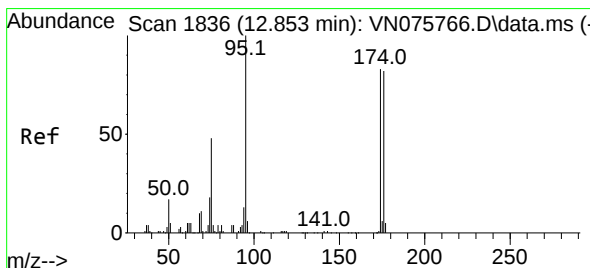
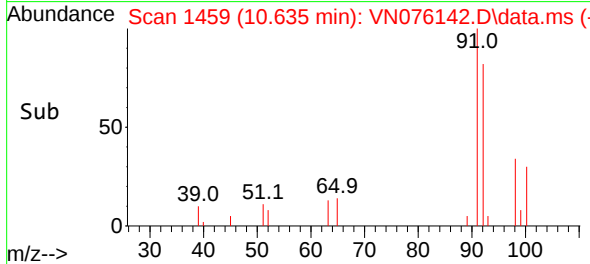
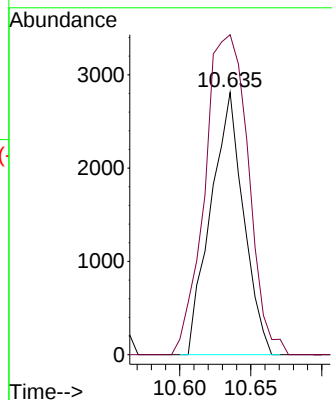
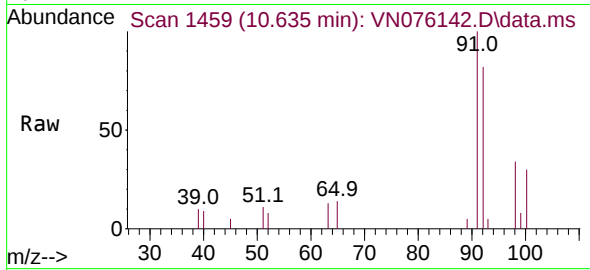




#52
Toluene
Concen: 0.508 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076142.D
Acq: 06 Jan 2023 18:36

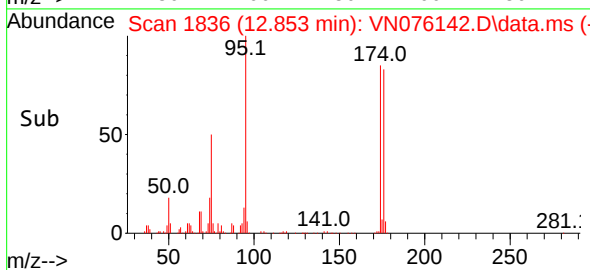
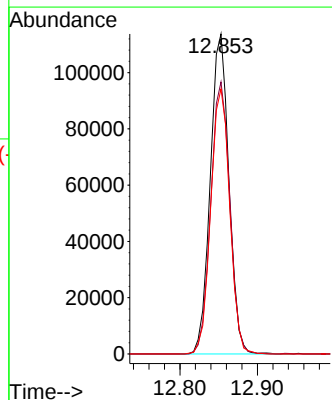
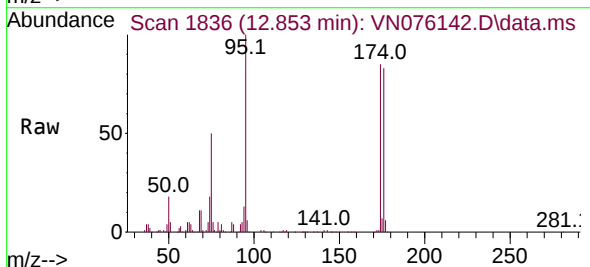
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-1

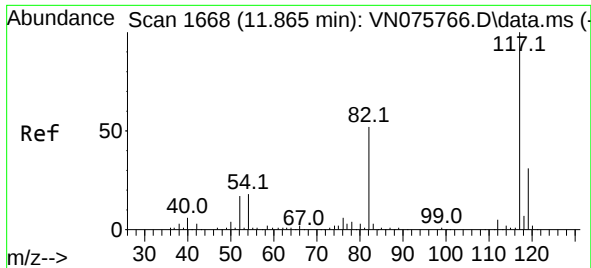
Tgt Ion: 92 Resp: 4512
Ion Ratio Lower Upper
92 100
91 162.5 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 46.057 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076142.D
Acq: 06 Jan 2023 18:36

Tgt Ion: 95 Resp: 189849
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 84.3 0.0 169.2

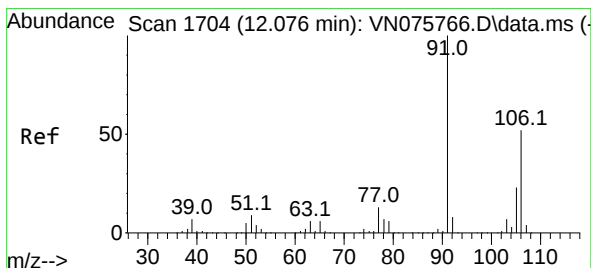
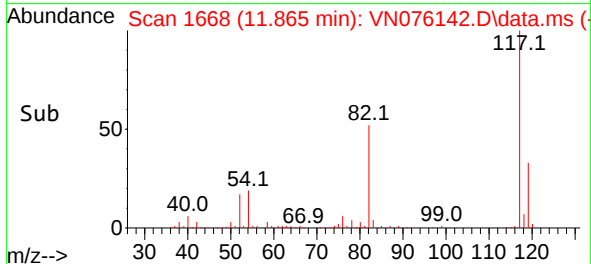
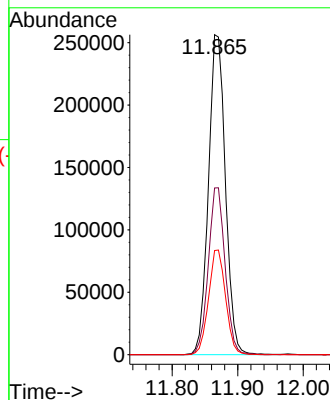
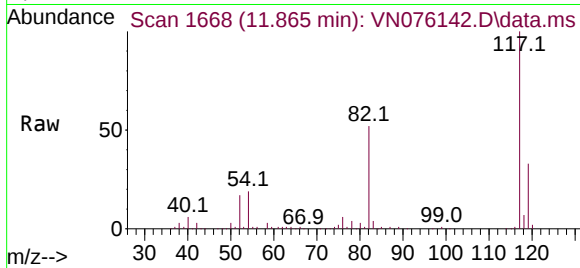




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076142.D
Acq: 06 Jan 2023 18:36

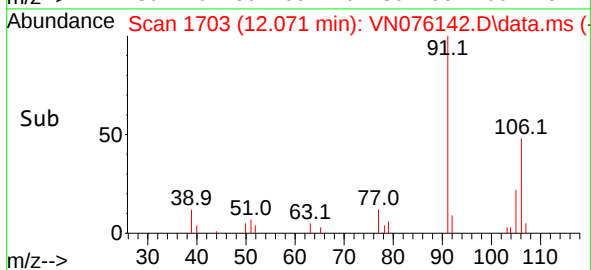
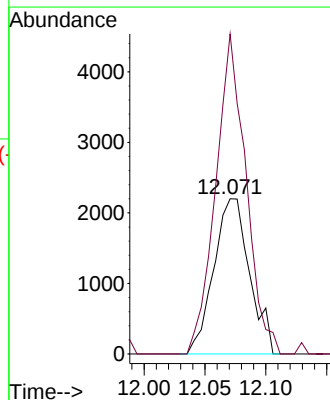
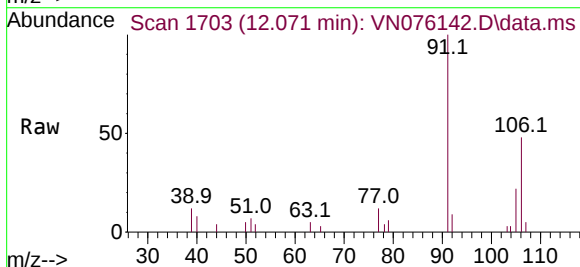
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-1

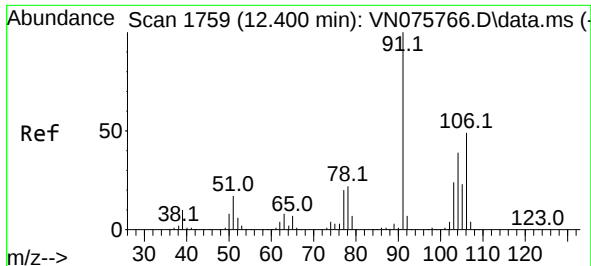
Tgt Ion:117 Resp: 462098
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 32.6 24.6 37.0



#68
m/p-Xylenes
Concen: 0.711 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076142.D
Acq: 06 Jan 2023 18:36

Tgt Ion:106 Resp: 4506
Ion Ratio Lower Upper
106 100
91 174.5 156.6 235.0

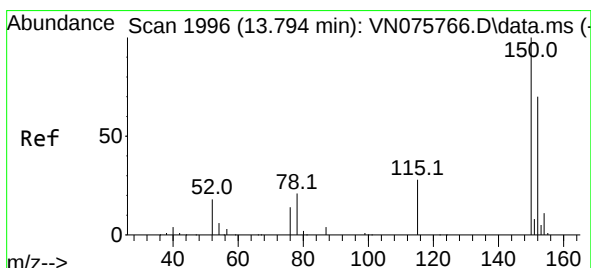
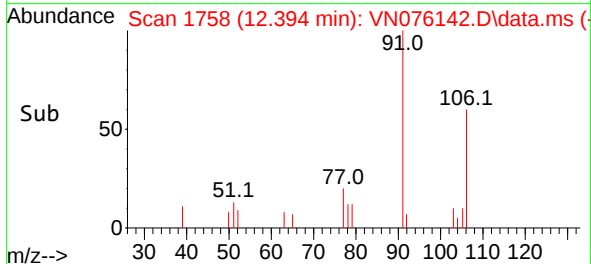
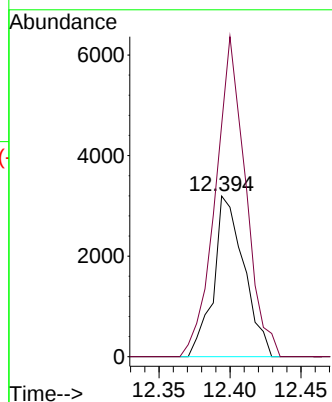
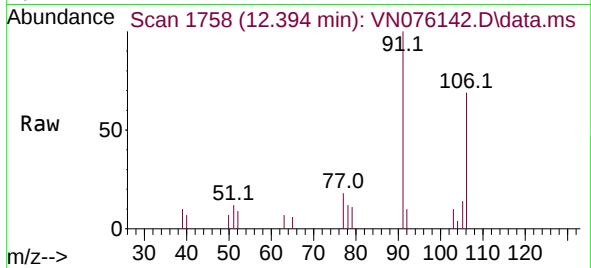




#69
o-Xylene
Concen: 0.758 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076142.D
Acq: 06 Jan 2023 18:36

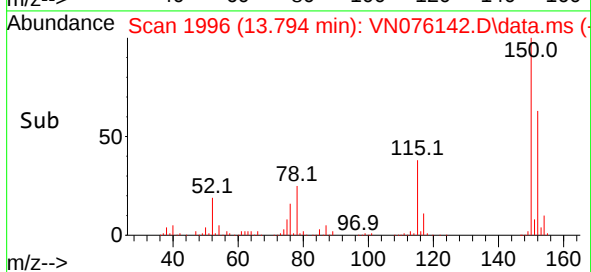
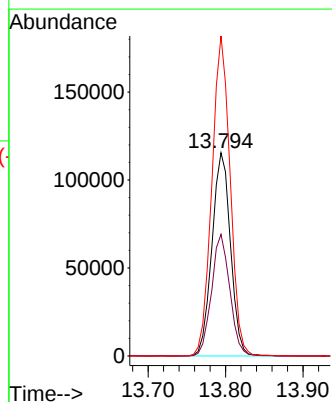
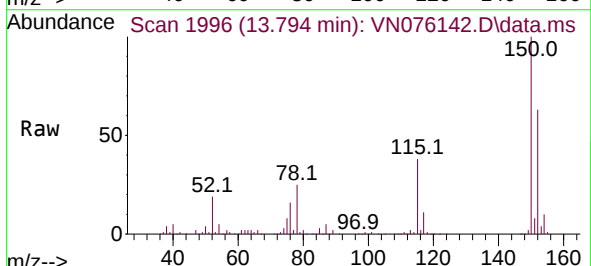
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-1

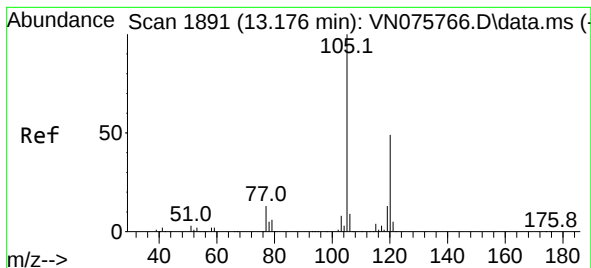
Tgt Ion:106 Resp: 4754
Ion Ratio Lower Upper
106 100
91 197.6 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076142.D
Acq: 06 Jan 2023 18:36

Tgt Ion:152 Resp: 191866
Ion Ratio Lower Upper
152 100
115 59.1 29.1 87.4
150 155.3 0.0 347.0





#80

1,3,5-Trimethylbenzene

Concen: 0.500 ug/l

RT: 13.182 min Scan# 1891

Delta R.T. 0.006 min

Lab File: VN076142.D

Acq: 06 Jan 2023 18:36

Instrument :

MSVOA_N

ClientSampleId :

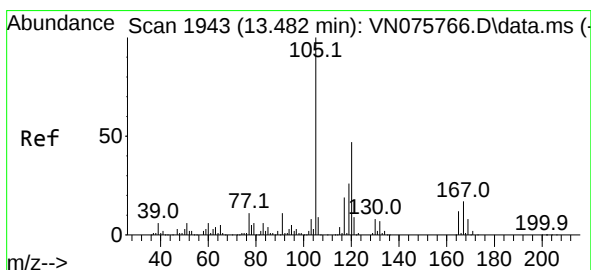
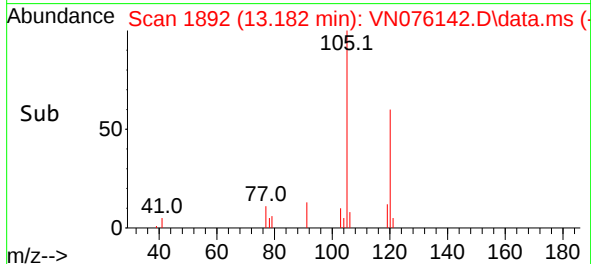
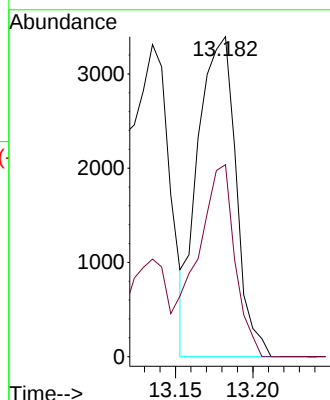
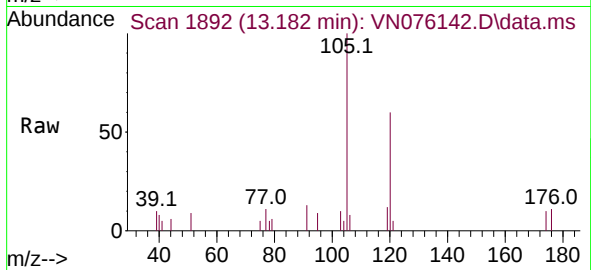
OILY-WATER-1

Tgt Ion:105 Resp: 5797

Ion Ratio Lower Upper

105 100

120 59.5 24.7 74.1



#84

1,2,4-Trimethylbenzene

Concen: 0.924 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076142.D

Acq: 06 Jan 2023 18:36

Tgt Ion:105 Resp: 10634

Ion Ratio Lower Upper

105 100

120 42.2 23.3 69.8

