

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077860.D
 Acq On : 24 May 2023 18:19
 Operator : JC\MD
 Sample : 02897-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER-0523

Quant Time: May 25 01:43:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

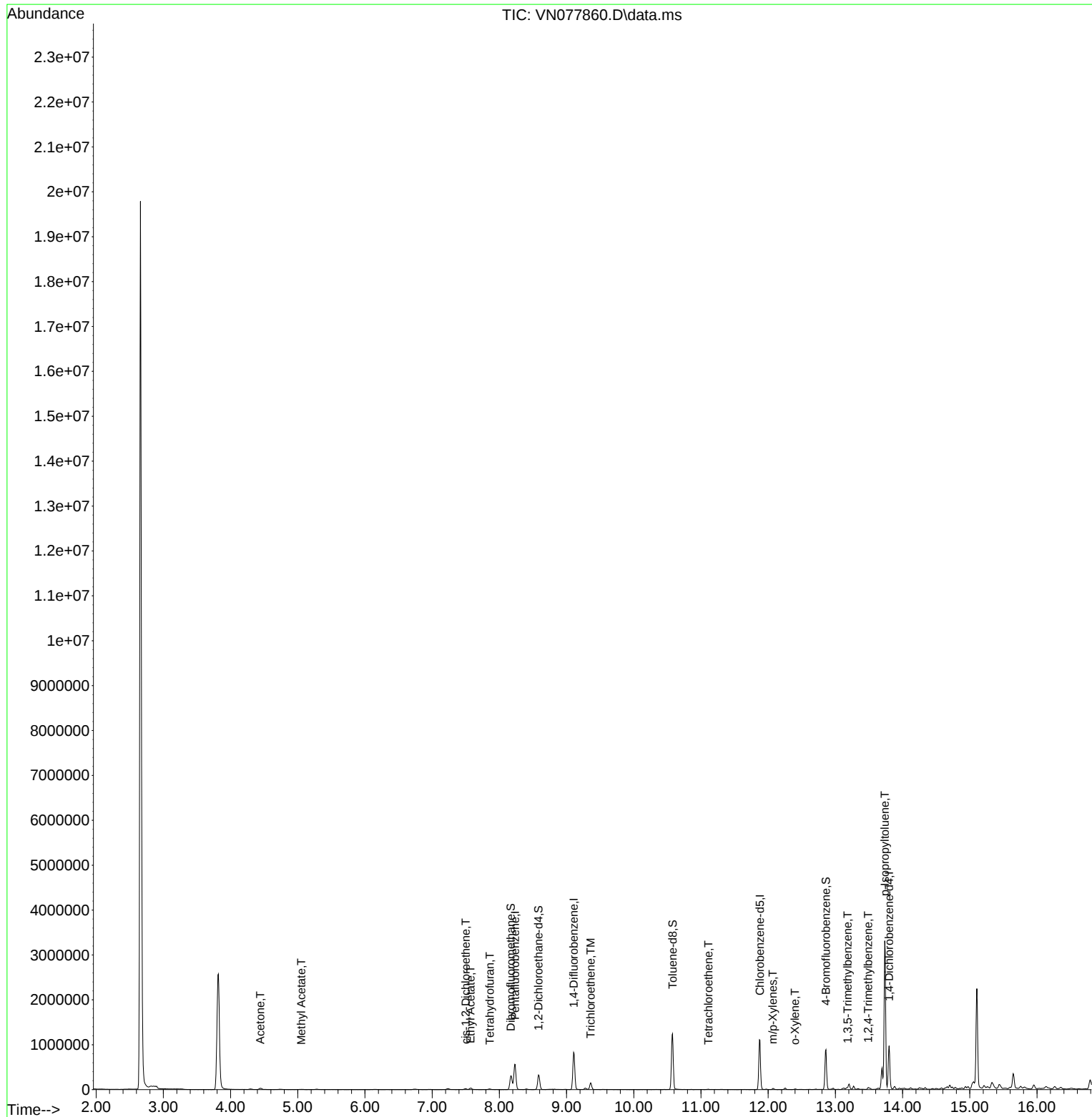
Internal Standards						
1) Pentafluorobenzene	8.235	168	414342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	737850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	672686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	256845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	268485	43.307	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.620%		
35) Dibromofluoromethane	8.171	113	230793	47.968	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.940%		
50) Toluene-d8	10.576	98	910629	49.171	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.340%		
62) 4-Bromofluorobenzene	12.859	95	323328	49.433	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.860%		
Target Compounds						Qvalue
16) Acetone	4.441	43	54493	27.938	ug/l	89
18) Methyl Acetate	5.053	43	12400	1.515	ug/l #	71
27) cis-1,2-Dichloroethene	7.500	96	10193	1.737	ug/l	99
29) Tetrahydrofuran	7.859	42	11059	5.535	ug/l #	81
37) Ethyl Acetate	7.571	43	50200	8.003	ug/l	96
44) Trichloroethene	9.359	130	52671	10.016	ug/l	94
64) Tetrachloroethene	11.112	164	1688	0.359	ug/l #	76
68) m/p-Xylenes	12.070	106	7486	0.756	ug/l	97
69) o-Xylene	12.400	106	3155	0.324	ug/l	85
80) 1,3,5-Trimethylbenzene	13.182	105	8562	0.460	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	26482	1.447	ug/l	92
86) p-Isopropyltoluene	13.735	119	1938037	105.298	ug/l	99

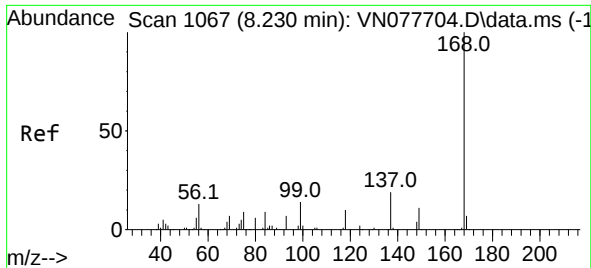
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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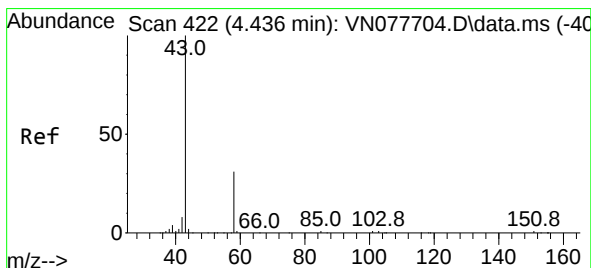
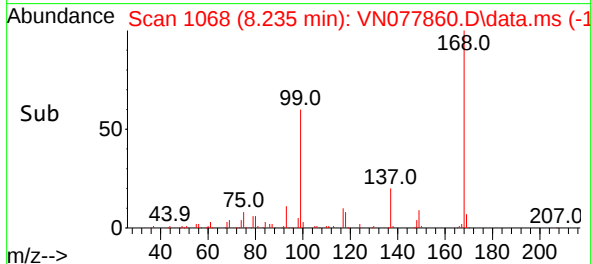
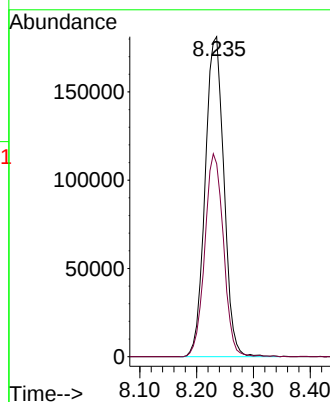
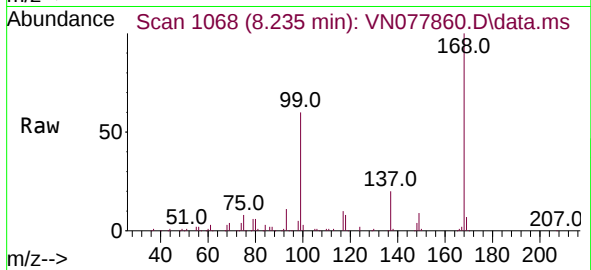




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN077860.D
Acq: 24 May 2023 18:19

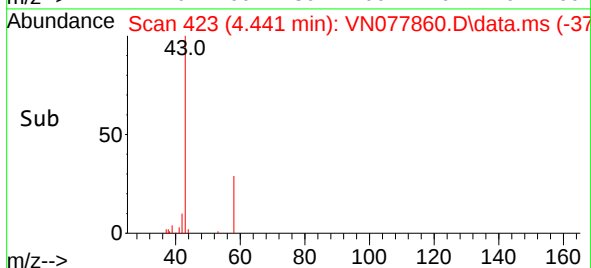
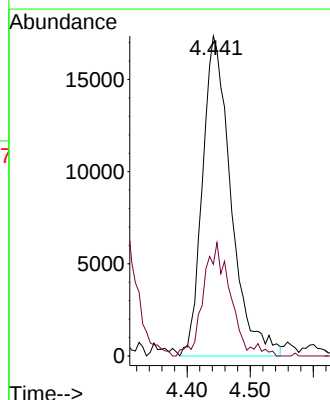
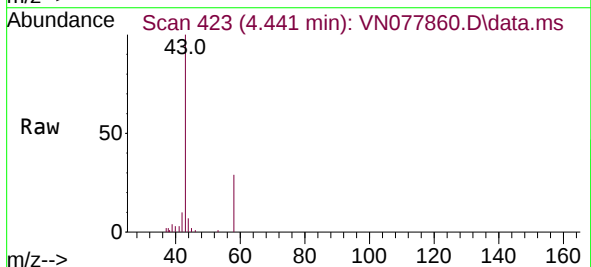
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-0523

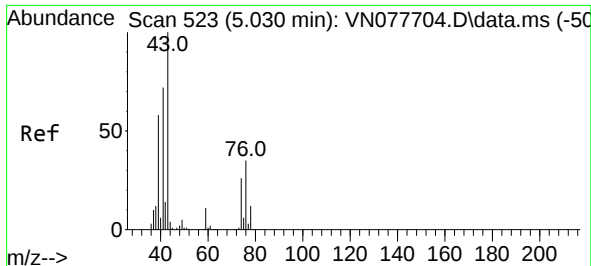
Tgt Ion:168 Resp: 414342
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6



#16
Acetone
Concen: 27.938 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN077860.D
Acq: 24 May 2023 18:19

Tgt Ion: 43 Resp: 54493
Ion Ratio Lower Upper
43 100
58 28.6 28.0 42.0





#18

Methyl Acetate

Concen: 1.515 ug/l

RT: 5.053 min Scan# 51

Delta R.T. 0.017 min

Lab File: VN077860.D

Acq: 24 May 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

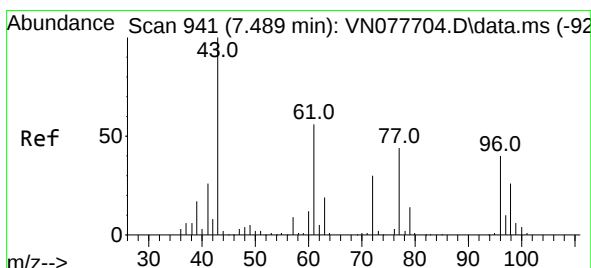
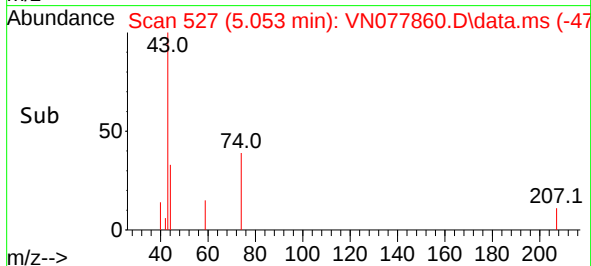
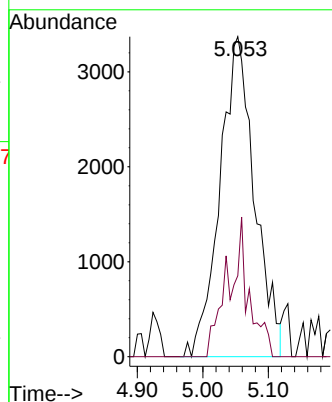
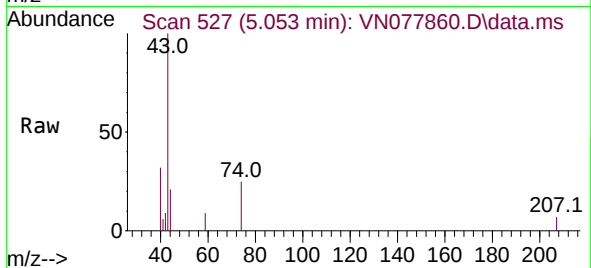
OILY-WATER-0523

Tgt Ion: 43 Resp: 12400

Ion Ratio Lower Upper

43 100

74 16.7 26.2 39.4#



#27

cis-1,2-Dichloroethene

Concen: 1.737 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.012 min

Lab File: VN077860.D

Acq: 24 May 2023 18:19

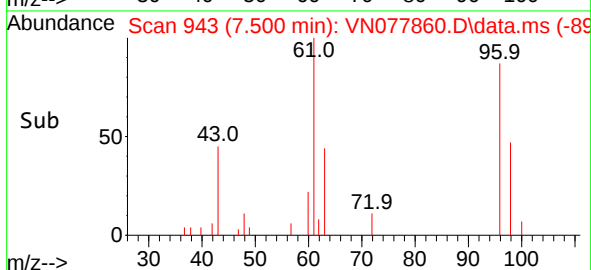
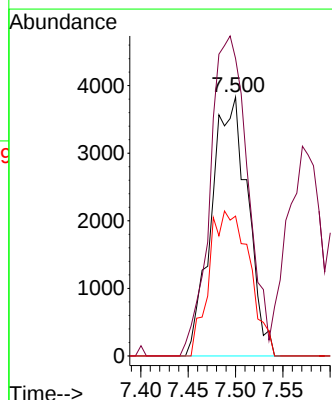
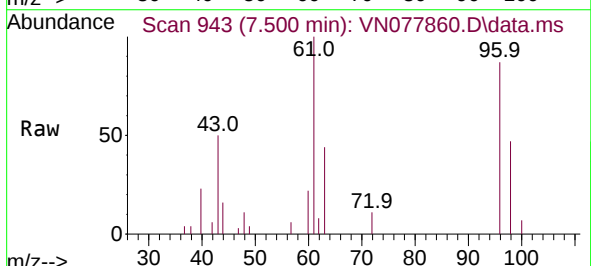
Tgt Ion: 96 Resp: 10193

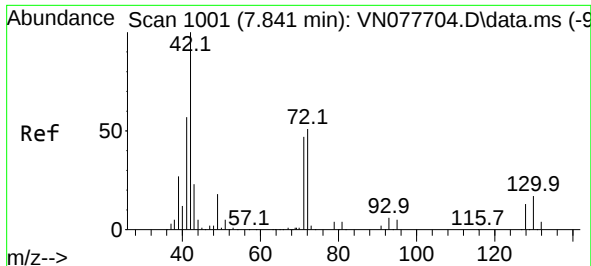
Ion Ratio Lower Upper

96 100

61 127.9 0.0 255.2

98 62.5 0.0 128.8





#29

Tetrahydrofuran

Concen: 5.535 ug/l

RT: 7.859 min Scan# 11059

Delta R.T. 0.018 min

Lab File: VN077860.D

Acq: 24 May 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER-0523

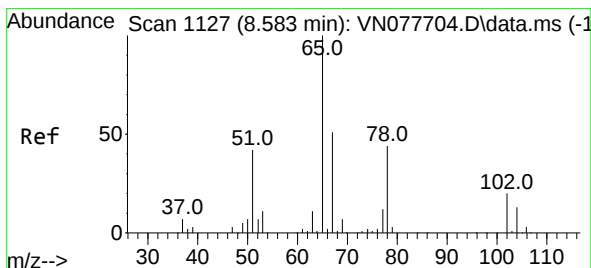
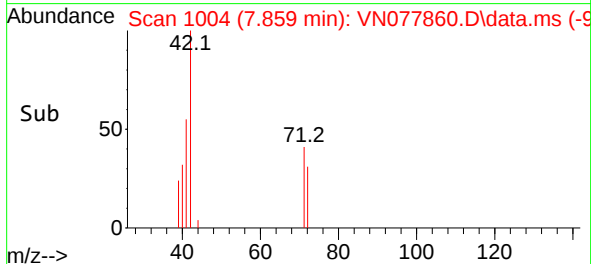
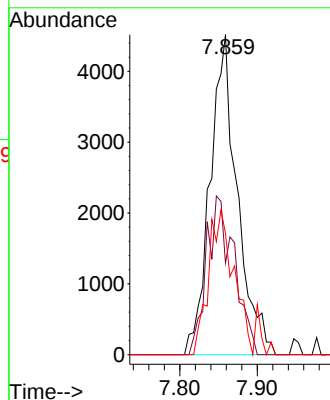
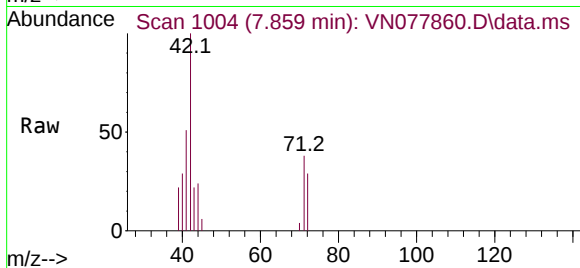
Tgt Ion: 42 Resp: 11059

Ion Ratio Lower Upper

42 100

72 50.2 49.8 74.6

71 42.1 47.4 71.2#



#33

1,2-Dichloroethane-d4

Concen: 43.307 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077860.D

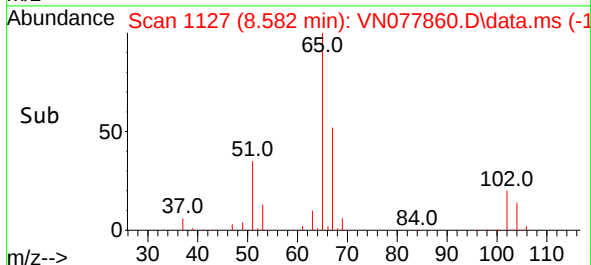
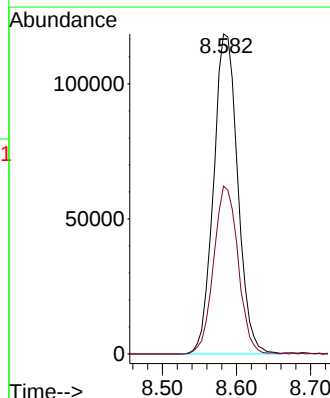
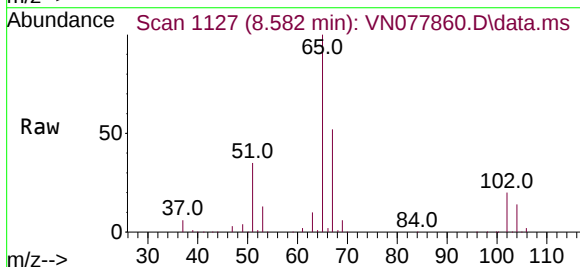
Acq: 24 May 2023 18:19

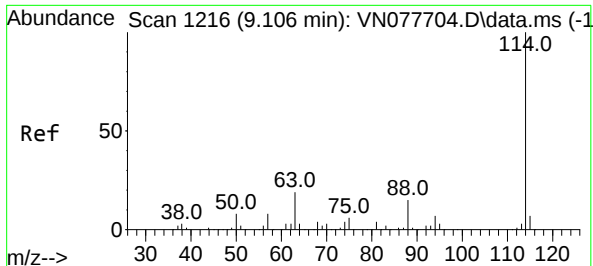
Tgt Ion: 65 Resp: 268485

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077860.D

Acq: 24 May 2023 18:19

Instrument :

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OILY-WATER-0523

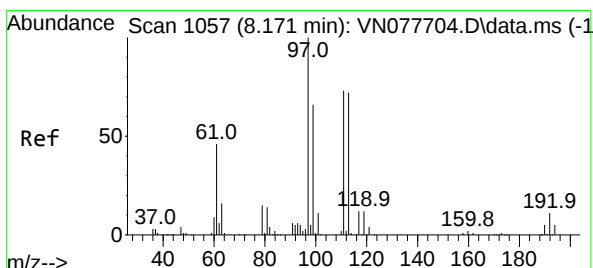
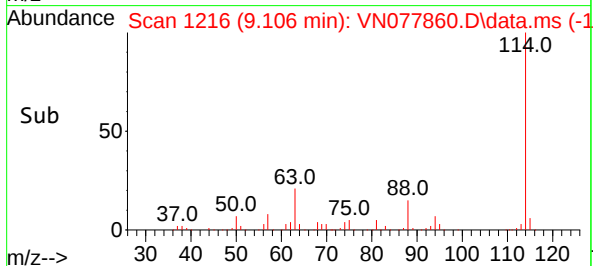
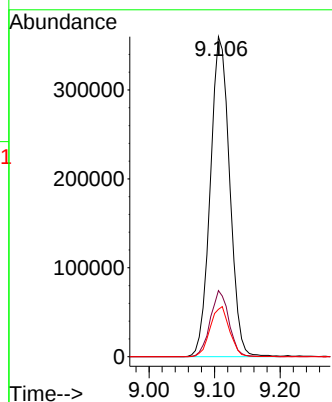
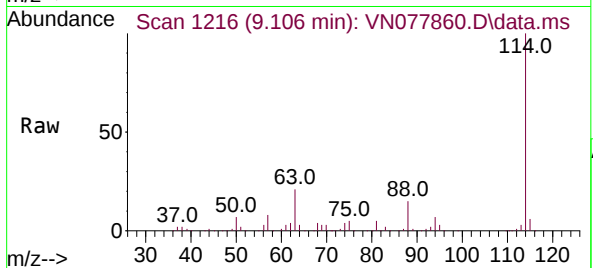
Tgt Ion:114 Resp: 737850

Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.968 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077860.D

Acq: 24 May 2023 18:19

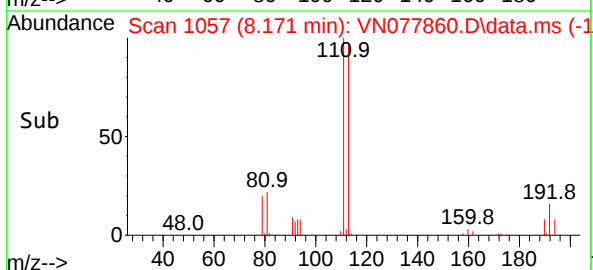
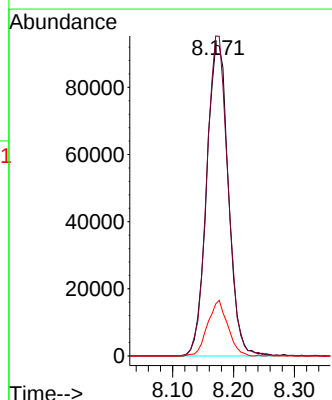
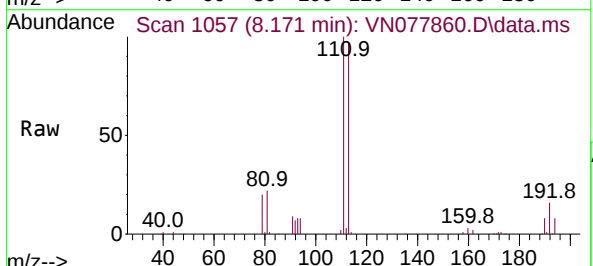
Tgt Ion:113 Resp: 230793

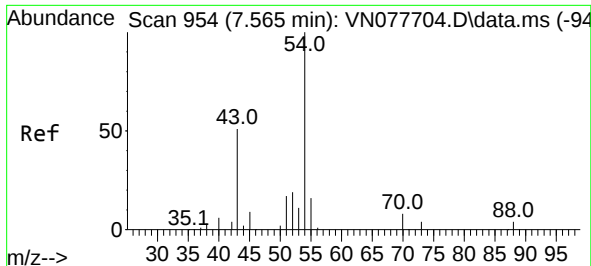
Ion Ratio Lower Upper

113 100

111 100.7 82.6 123.8

192 16.5 12.7 19.1

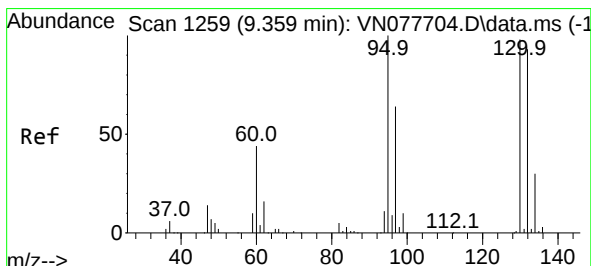
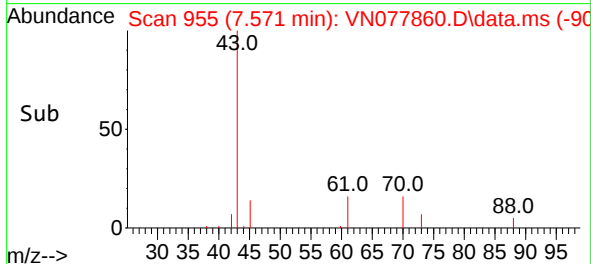
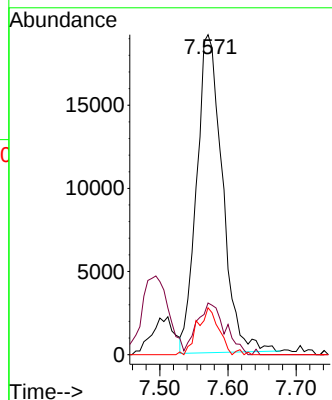
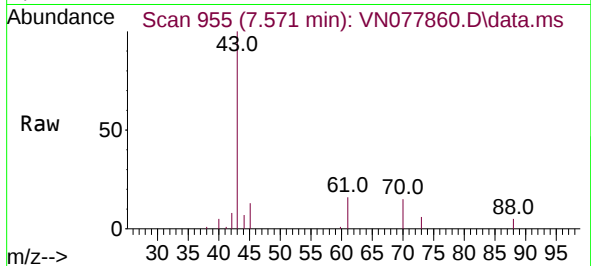




#37
Ethyl Acetate
Concen: 8.003 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077860.D
Acq: 24 May 2023 18:19

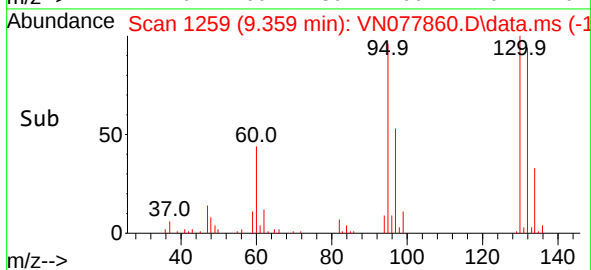
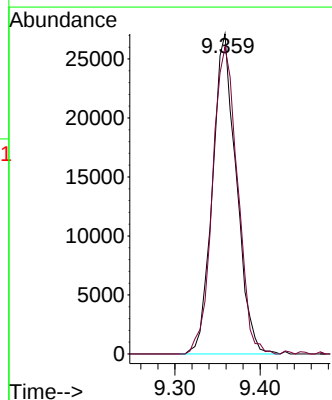
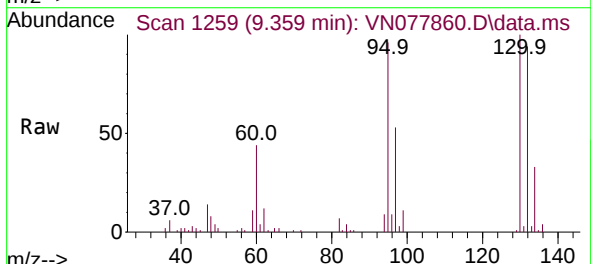
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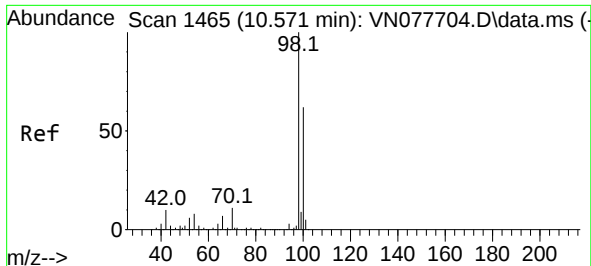
Tgt Ion: 43 Resp: 50200
Ion Ratio Lower Upper
43 100
61 17.7 13.2 19.8
70 12.1 11.3 16.9



#44
Trichloroethene
Concen: 10.016 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077860.D
Acq: 24 May 2023 18:19

Tgt Ion: 130 Resp: 52671
Ion Ratio Lower Upper
130 100
95 95.9 0.0 204.6

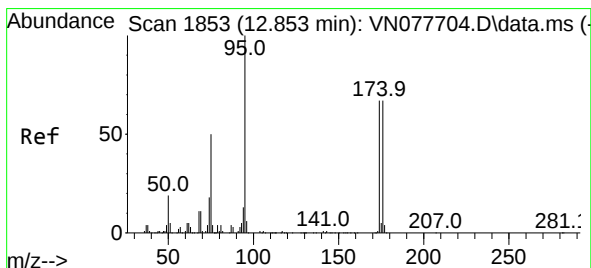
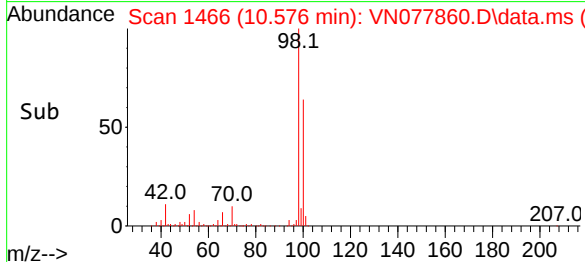
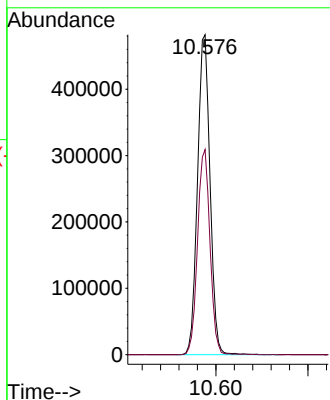
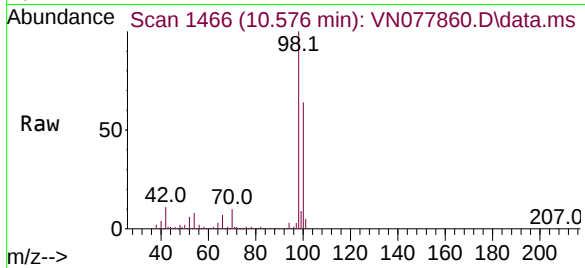




#50
Toluene-d8
Concen: 49.171 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077860.D
Acq: 24 May 2023 18:19

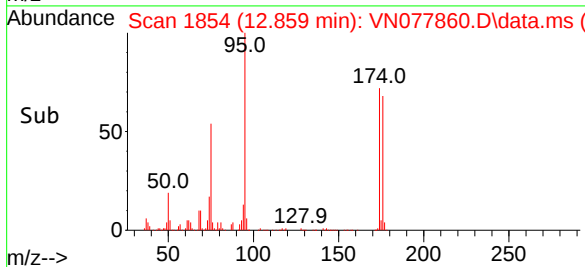
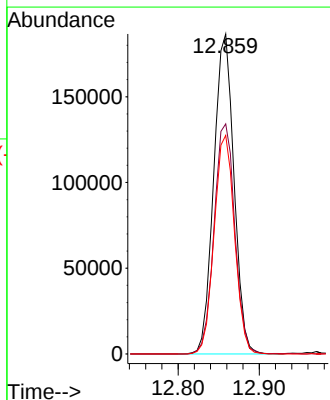
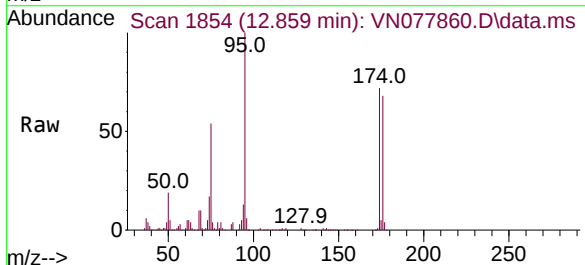
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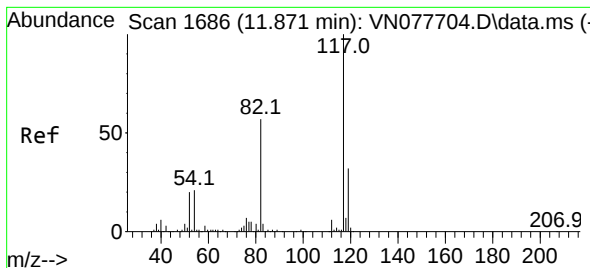
Tgt Ion: 98 Resp: 910629
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.433 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077860.D
Acq: 24 May 2023 18:19

Tgt Ion: 95 Resp: 323328
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 68.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.876 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077860.D

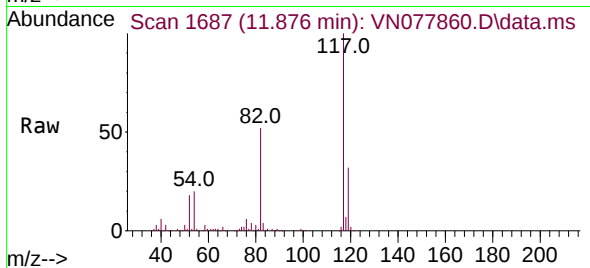
Acq: 24 May 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER-0523



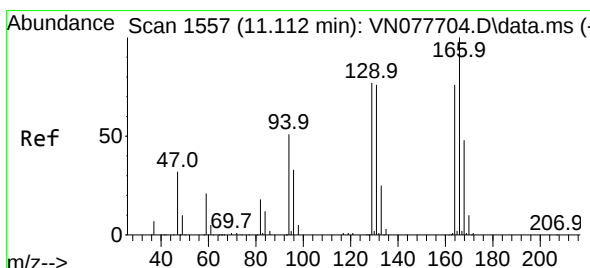
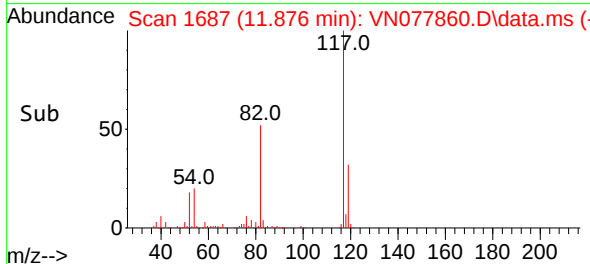
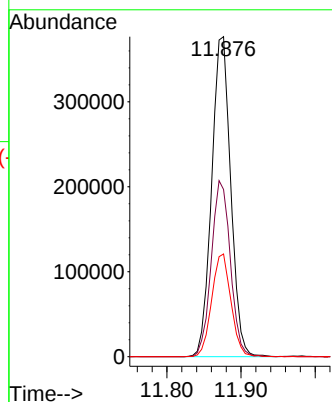
Tgt Ion:117 Resp: 672686

Ion Ratio Lower Upper

117 100

82 52.3 44.0 66.0

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 0.359 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VN077860.D

Acq: 24 May 2023 18:19

Tgt Ion:164 Resp: 1688

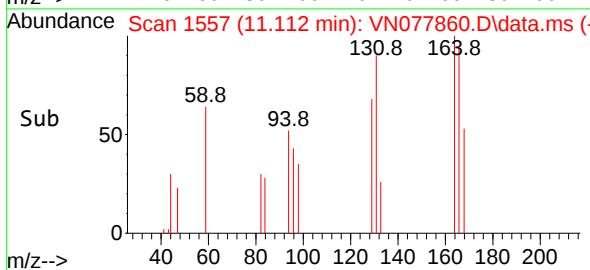
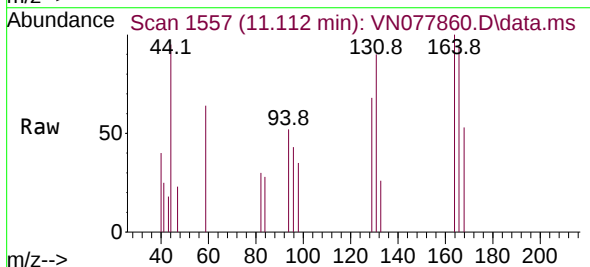
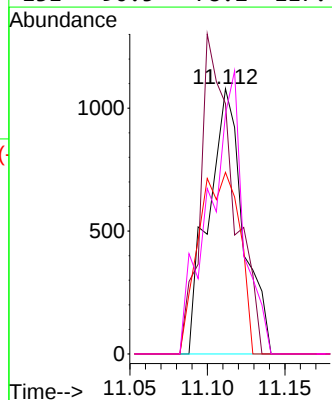
Ion Ratio Lower Upper

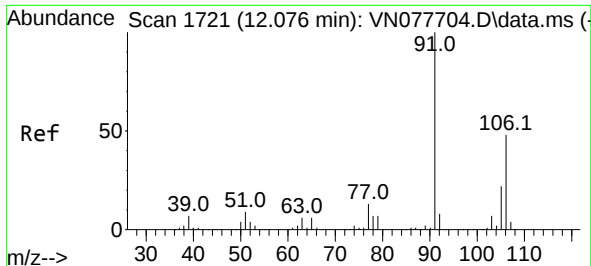
164 100

166 94.4 101.4 152.0#

129 68.5 82.4 123.6#

131 90.5 78.2 117.4

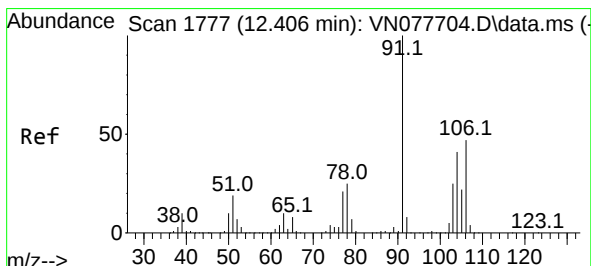
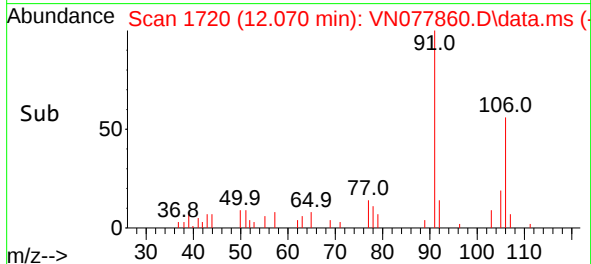
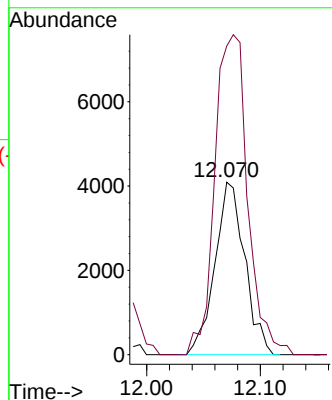
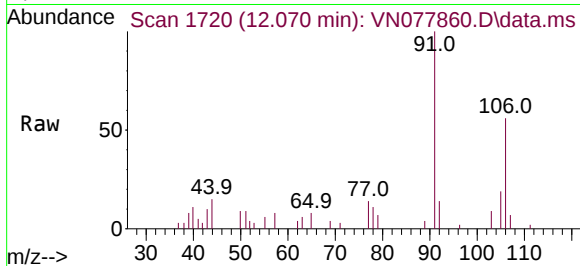




#68
m/p-Xylenes
Concen: 0.756 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN077860.D
Acq: 24 May 2023 18:19

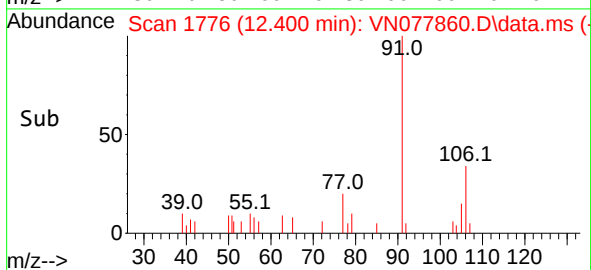
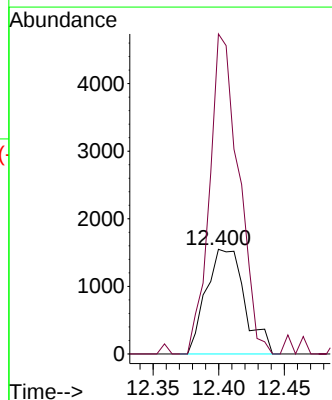
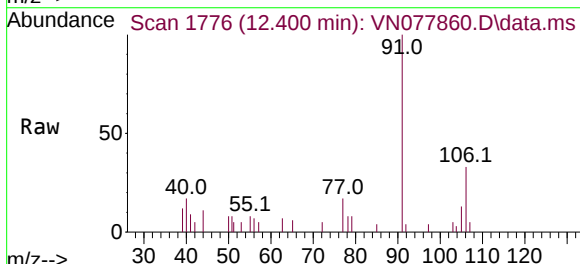
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-0523

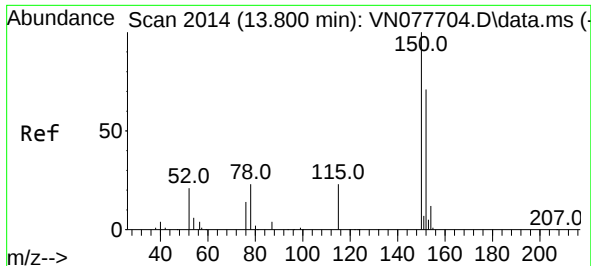
Tgt Ion:106 Resp: 7486
Ion Ratio Lower Upper
106 100
91 204.0 159.6 239.4



#69
o-Xylene
Concen: 0.324 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN077860.D
Acq: 24 May 2023 18:19

Tgt Ion:106 Resp: 3155
Ion Ratio Lower Upper
106 100
91 233.0 105.2 315.5

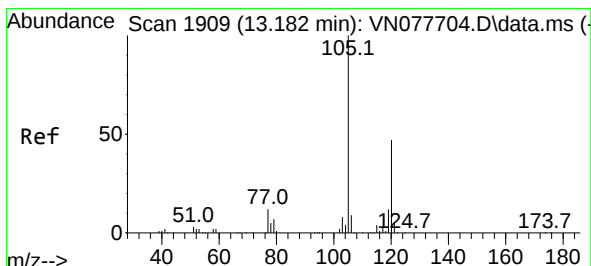
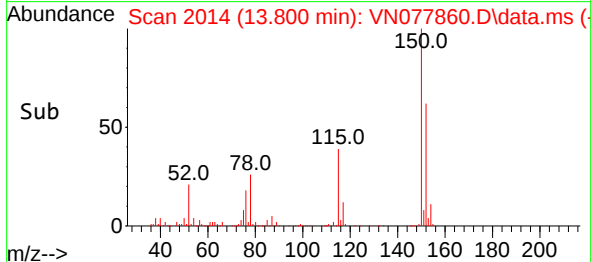
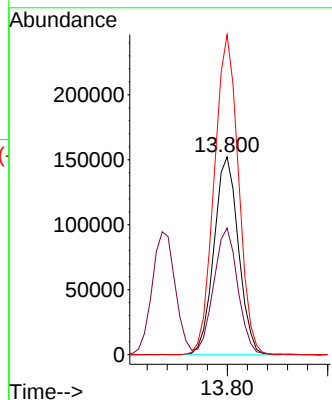
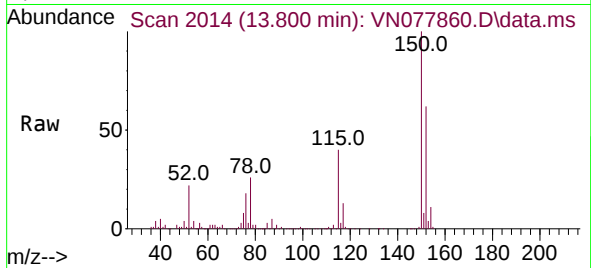




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN077860.D
 Acq: 24 May 2023 18:19

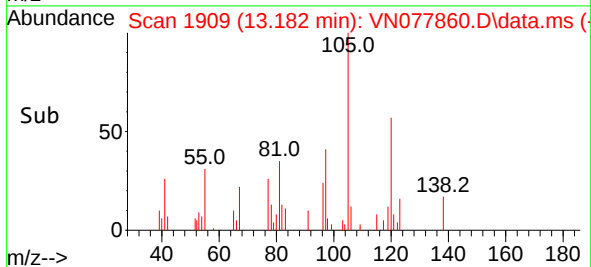
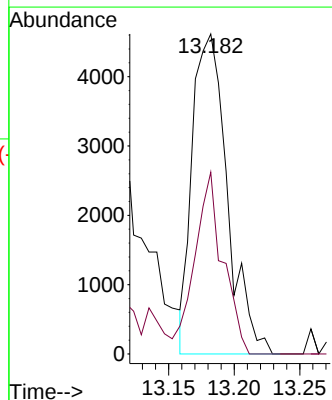
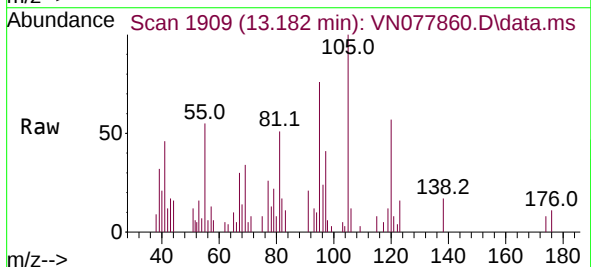
Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER-0523

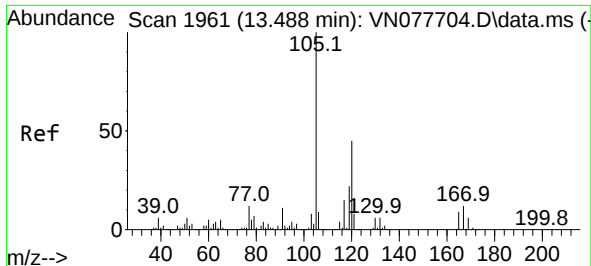
Tgt Ion:152 Resp: 256845
 Ion Ratio Lower Upper
 152 100
 115 63.5 32.3 96.8
 150 160.8 0.0 355.8



#80
 1,3,5-Trimethylbenzene
 Concen: 0.460 ug/l
 RT: 13.182 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: VN077860.D
 Acq: 24 May 2023 18:19

Tgt Ion:105 Resp: 8562
 Ion Ratio Lower Upper
 105 100
 120 45.6 24.1 72.3

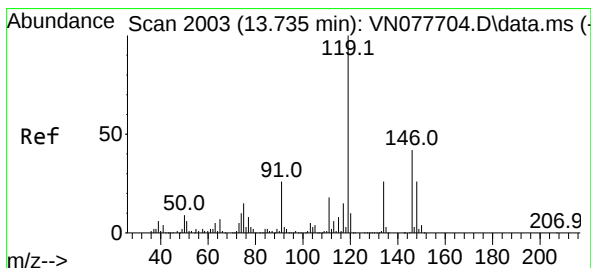
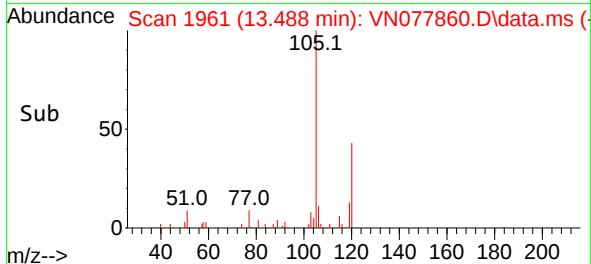
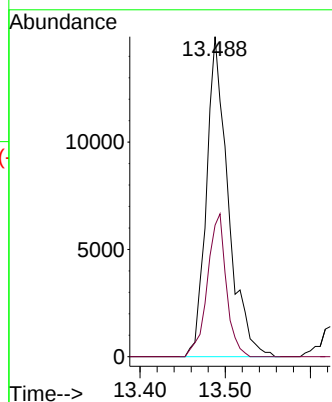
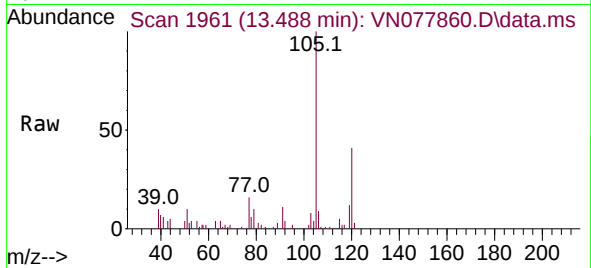




#84
1,2,4-Trimethylbenzene
Concen: 1.447 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077860.D
Acq: 24 May 2023 18:19

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-0523

Tgt Ion:105 Resp: 26482
Ion Ratio Lower Upper
105 100
120 38.7 22.0 66.0



#86
p-Isopropyltoluene
Concen: 105.298 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN077860.D
Acq: 24 May 2023 18:19

Tgt Ion:119 Resp: 1938037
Ion Ratio Lower Upper
119 100
134 26.0 12.6 37.8
91 25.0 12.4 37.2

