

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071197.D
 Acq On : 08 Mar 2022 18:05
 Operator : JC\MD
 Sample : N1823-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DEWATERING-INFLUENT-030722

Quant Time: Mar 09 04:04:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	846676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1353352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1229804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	508797	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	515038	44.384	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.760%
35) Dibromofluoromethane	8.016	113	388386	45.478	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.960%
50) Toluene-d8	10.439	98	1705568	49.602	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.727	95	625789	53.745	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.500%

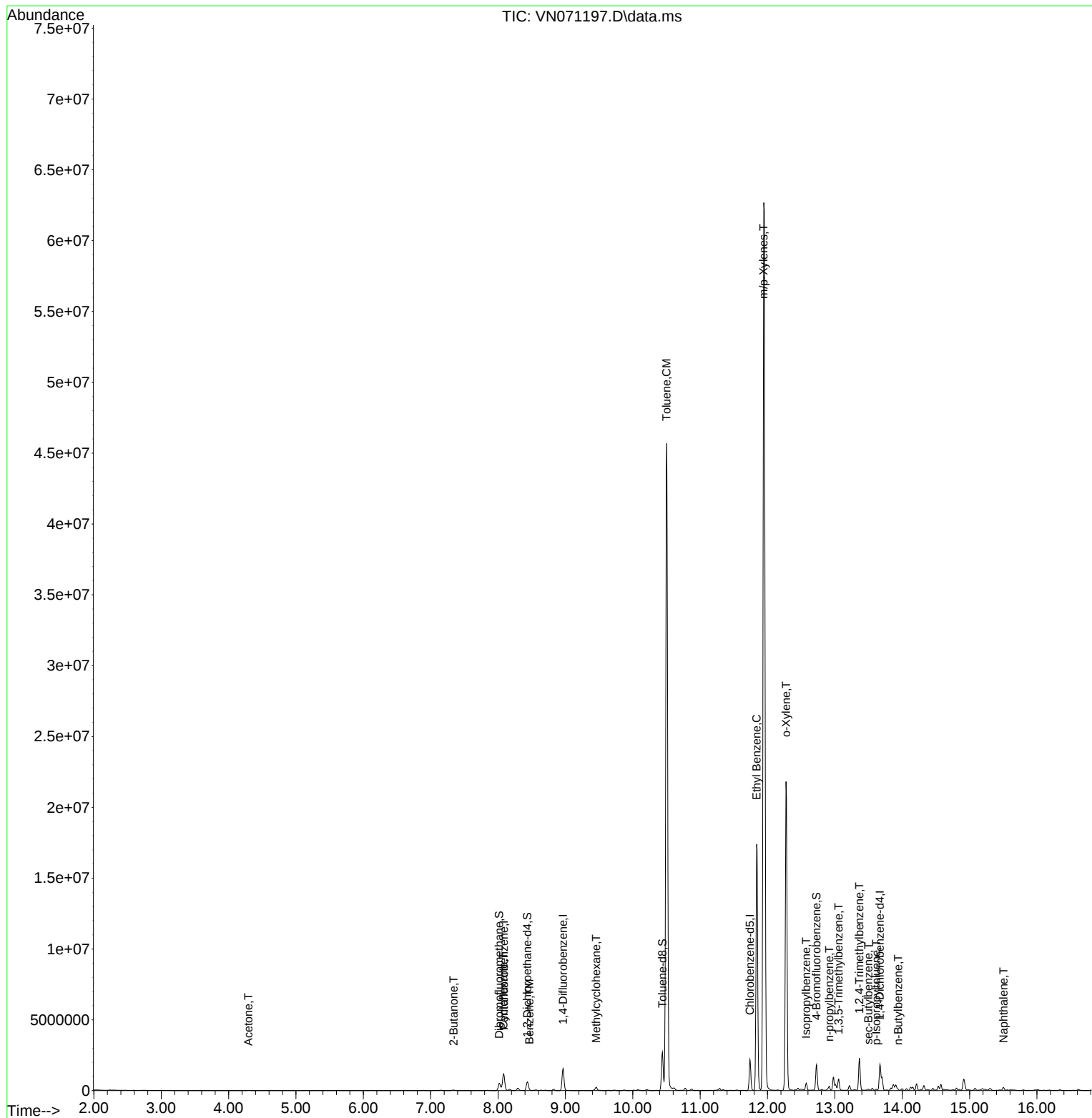
Target Compounds					Qvalue	
16) Acetone	4.292	43	31183	5.523	ug/l	90
25) 2-Butanone	7.339	43	66058	7.263	ug/l	100
31) Cyclohexane	8.080	56	62087	3.351	ug/l #	78
39) Methylcyclohexane	9.457	83	96299	5.982	ug/l	93
40) Benzene	8.463	78	18554	0.450	ug/l	99
52) Toluene	10.498	92	19317029	760.926	ug/l #	1
67) Ethyl Benzene	11.839	91	12786236	273.810	ug/l	100
68) m/p-Xylenes	11.939	106	19613912	1148.138	ug/l #	1
69) o-Xylene	12.274	106	6111414	356.888	ug/l	100
73) Isopropylbenzene	12.574	105	344629	7.026	ug/l	99
78) n-propylbenzene	12.915	91	215028	4.086	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	403995	10.587	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	1295116	35.434	ug/l	100
85) sec-Butylbenzene	13.498	105	49924	1.103	ug/l #	75
86) p-Isopropyltoluene	13.615	119	42266	1.187	ug/l	99
89) n-Butylbenzene	13.939	91	36152	1.298	ug/l #	67
95) Naphthalene	15.503	128	199267	12.745	ug/l	99

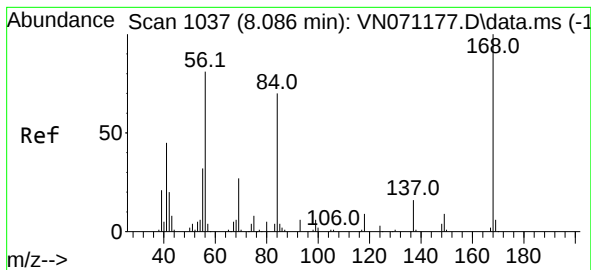
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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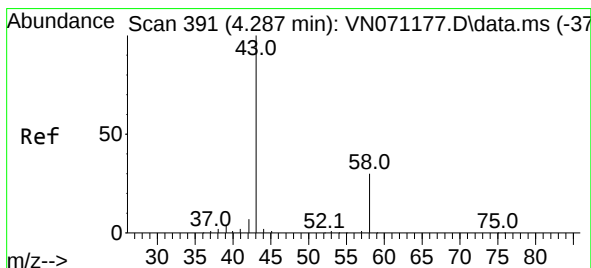
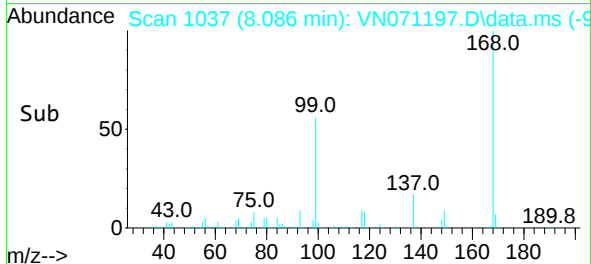
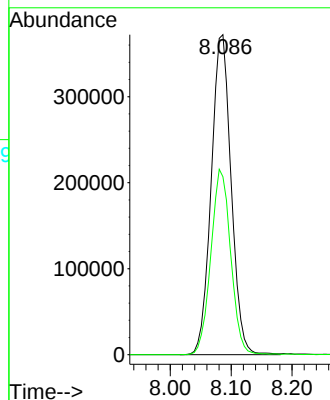
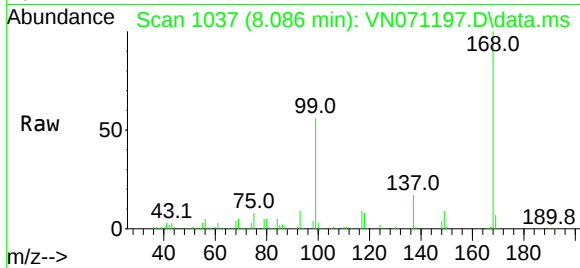




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

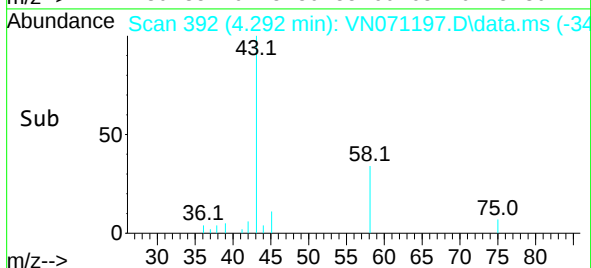
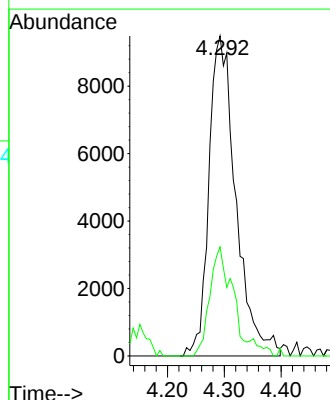
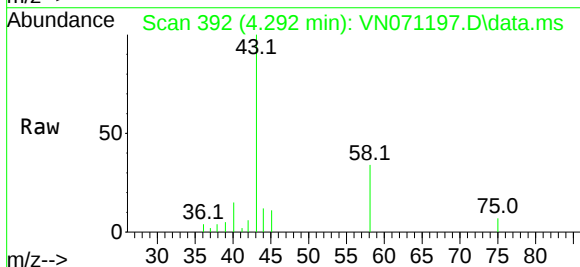
Instrument :
MSVOA_N
ClientSampleId :
DEWATERING-INFLUENT-030722

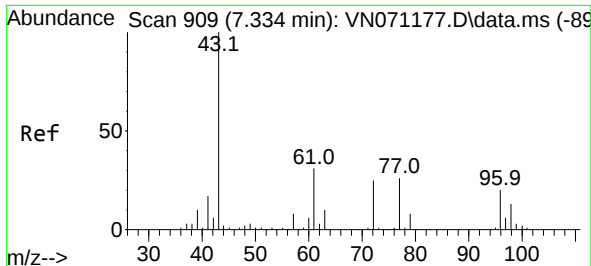
Tgt Ion:168 Resp: 846676
Ion Ratio Lower Upper
168 100
99 55.6 41.3 61.9



#16
Acetone
Concen: 5.523 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 43 Resp: 31183
Ion Ratio Lower Upper
43 100
58 34.1 23.1 34.7

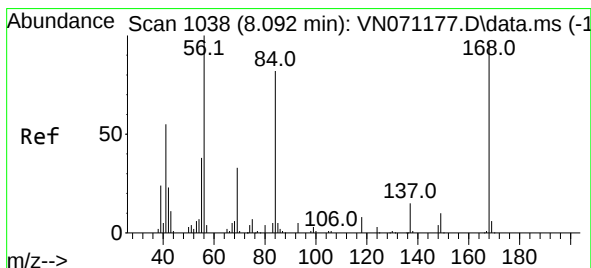
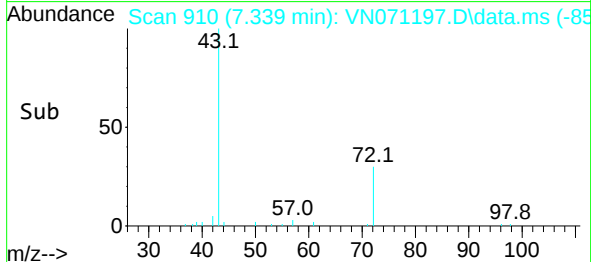
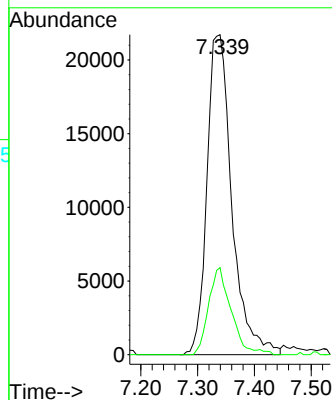
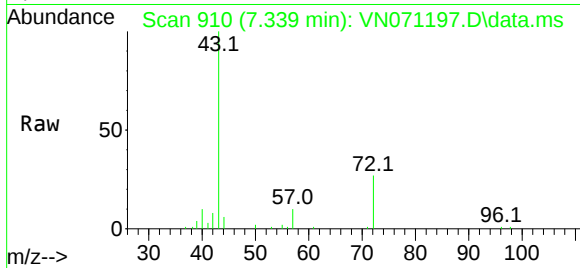




#25
2-Butanone
Concen: 7.263 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

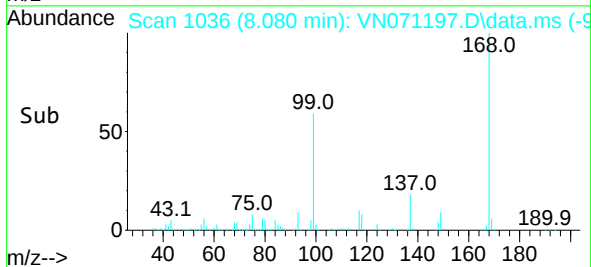
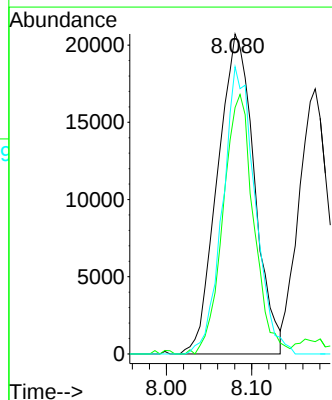
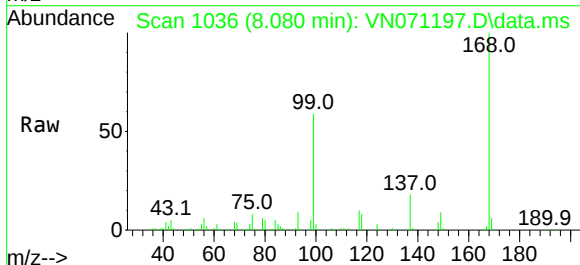
Instrument : MSVOA_N
ClientSampleId : DEWATERING-INFLUENT-030722

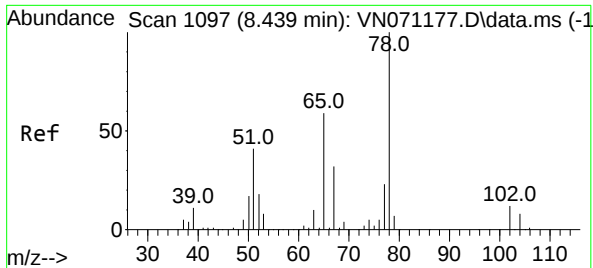
Tgt Ion: 43 Resp: 66058
Ion Ratio Lower Upper
43 100
72 27.2 21.7 32.5



#31
Cyclohexane
Concen: 3.351 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 56 Resp: 62087
Ion Ratio Lower Upper
56 100
69 77.0 27.1 40.7#
84 89.7 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 44.384 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN071197.D

Acq: 08 Mar 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

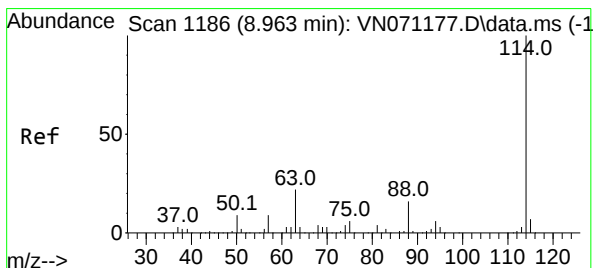
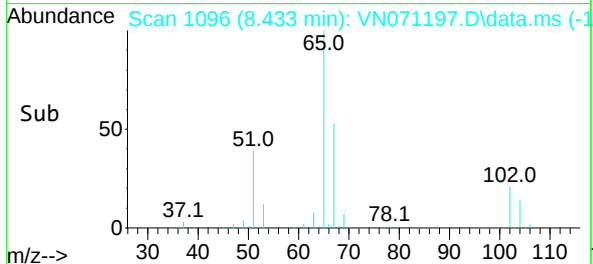
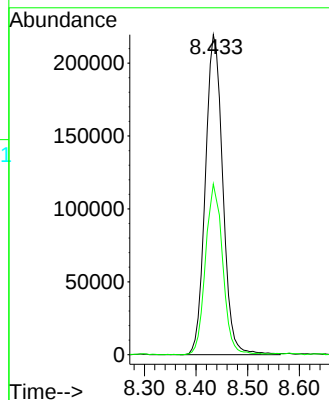
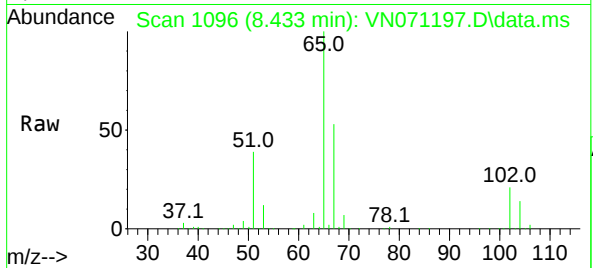
DEWATERING-INFLUENT-030722

Tgt Ion: 65 Resp: 515038

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071197.D

Acq: 08 Mar 2022 18:05

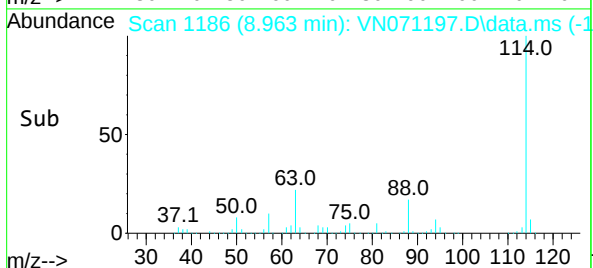
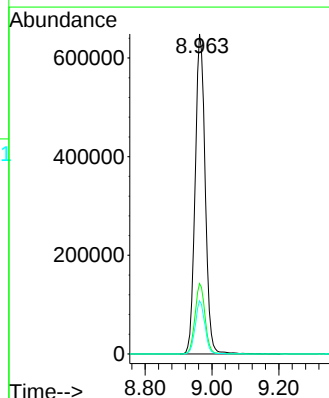
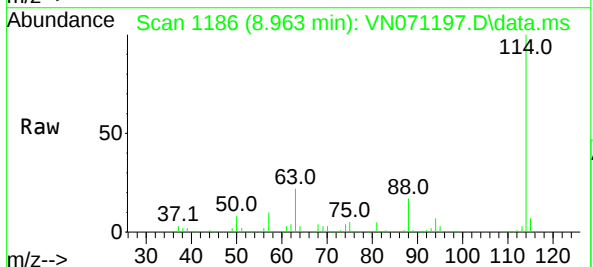
Tgt Ion: 114 Resp: 1353352

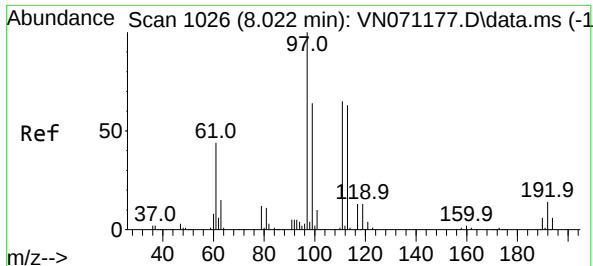
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 16.6 0.0 27.4





#35

Dibromofluoromethane

Concen: 45.478 ug/l

RT: 8.016 min Scan# 110

Delta R.T. -0.006 min

Lab File: VN071197.D

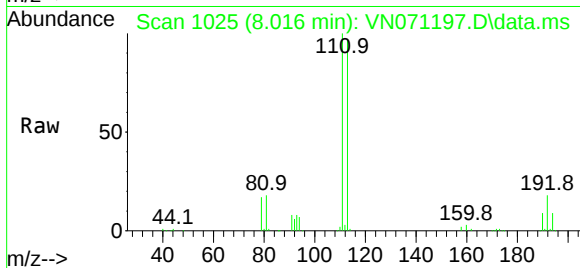
Acq: 08 Mar 2022 18:05

Instrument :

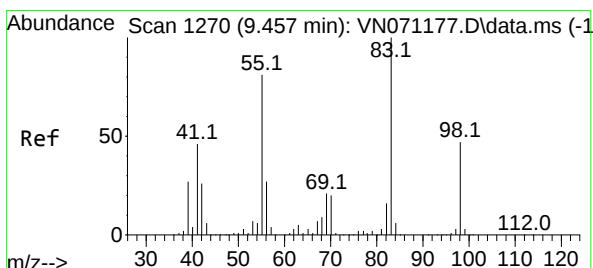
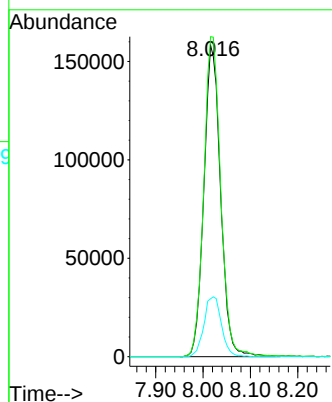
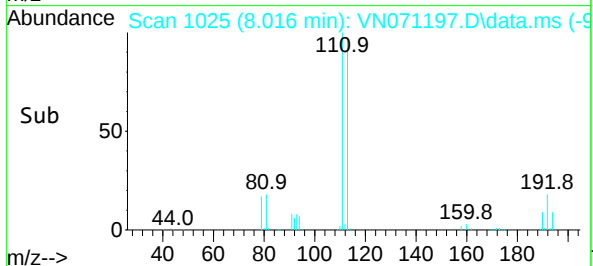
MSVOA_N

ClientSampleId :

DEWATERING-INFLUENT-030722



Tgt Ion:	113	Resp:	388386
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.2	123.2
192	20.2	16.9	25.3



#39

Methylcyclohexane

Concen: 5.982 ug/l

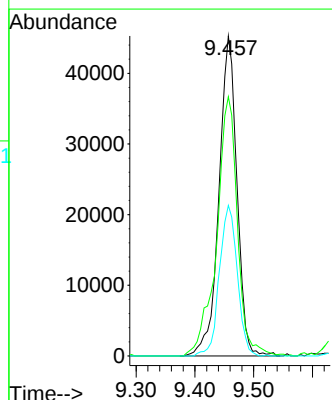
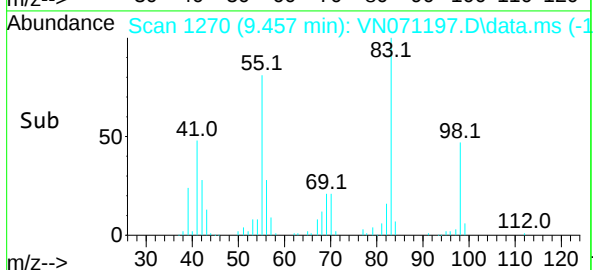
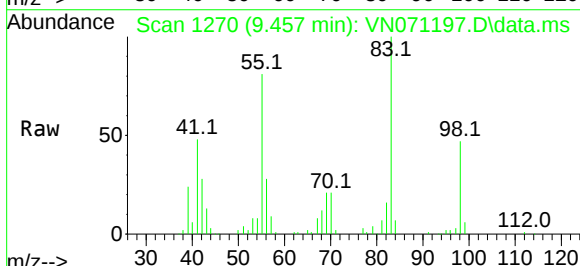
RT: 9.457 min Scan# 1270

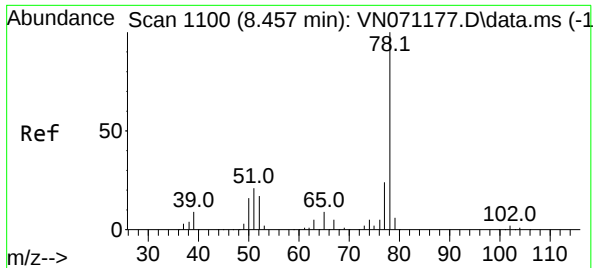
Delta R.T. -0.000 min

Lab File: VN071197.D

Acq: 08 Mar 2022 18:05

Tgt Ion:	83	Resp:	96299
Ion	Ratio	Lower	Upper
83	100		
55	81.0	58.1	87.1
98	47.0	38.4	57.6

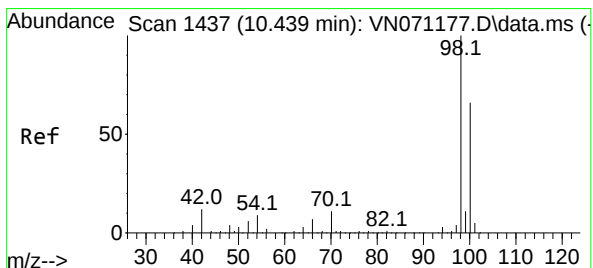
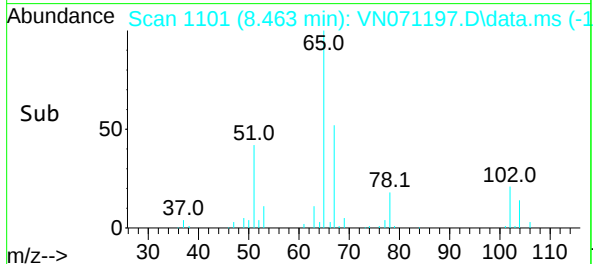
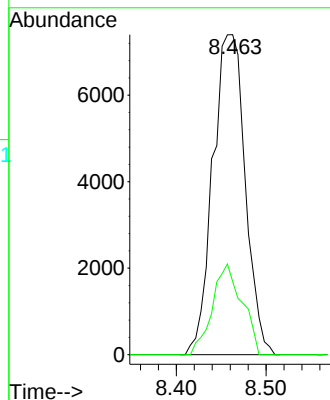
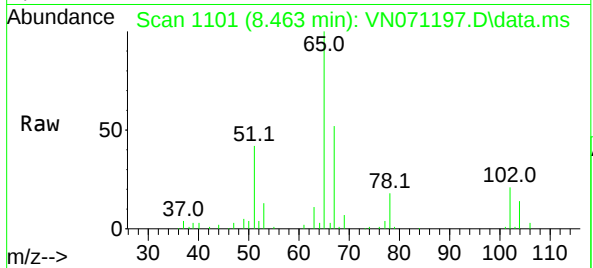




#40
Benzene
Concen: 0.450 ug/l
RT: 8.463 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

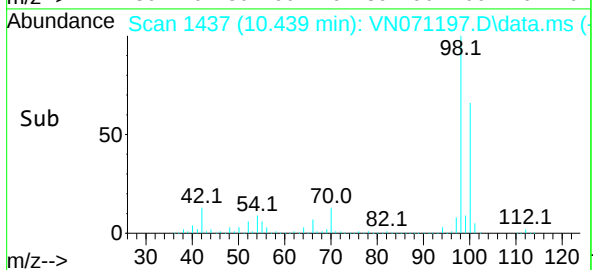
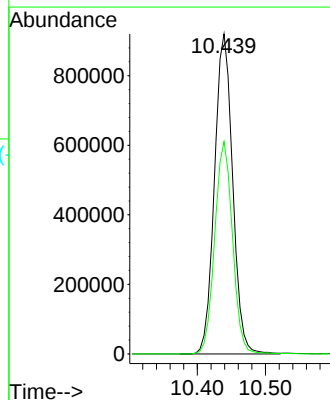
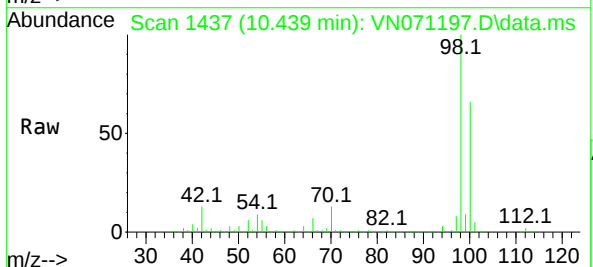
Instrument :
MSVOA_N
ClientSampleId :
DEWATERING-INFLUENT-030722

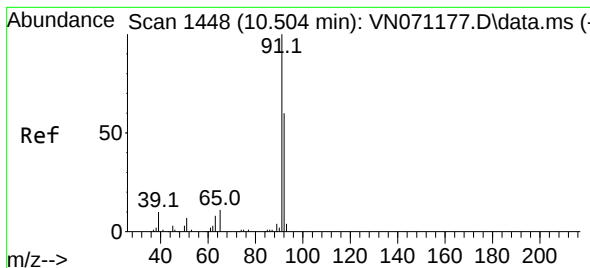
Tgt Ion: 78 Resp: 18554
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8



#50
Toluene-d8
Concen: 49.602 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 98 Resp: 1705568
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6





#52

Toluene

Concen: 760.926 ug/l

RT: 10.498 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN071197.D

Acq: 08 Mar 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

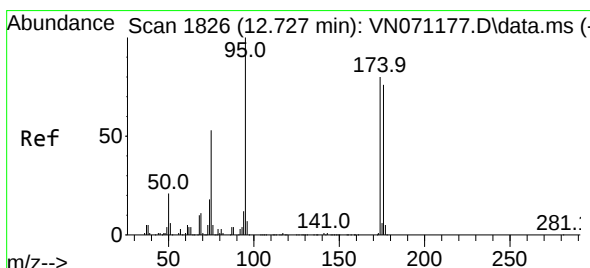
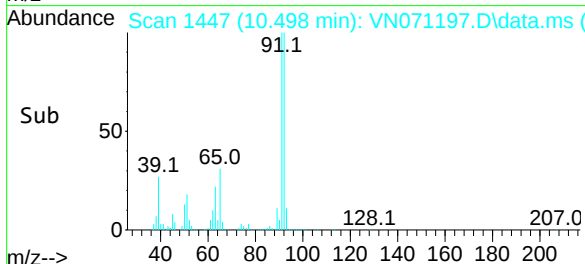
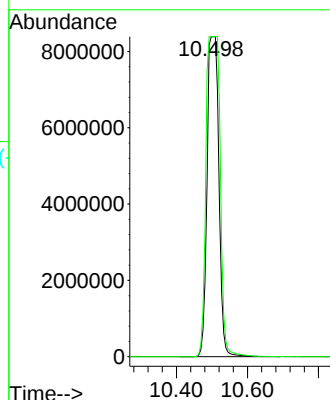
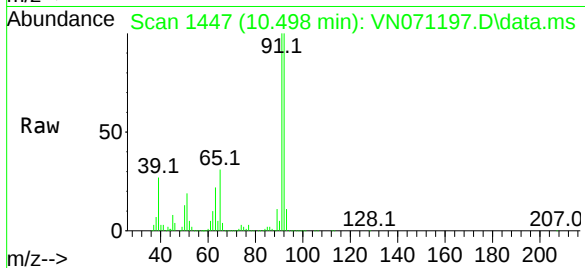
DEWATERING-INFLUENT-030722

Tgt Ion: 92 Resp:19317029

Ion Ratio Lower Upper

92 100

91 0.0 142.0 213.0#



#62

4-Bromofluorobenzene

Concen: 53.745 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN071197.D

Acq: 08 Mar 2022 18:05

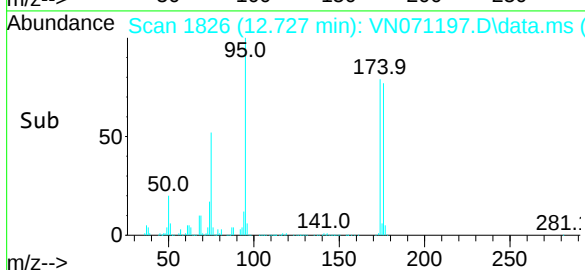
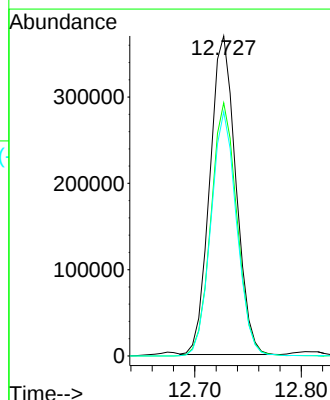
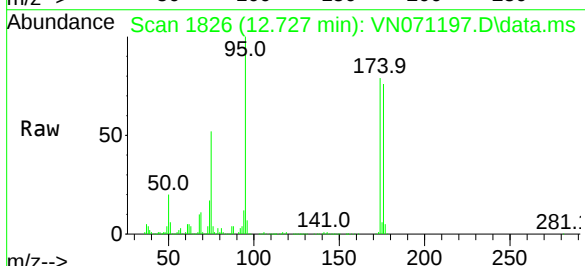
Tgt Ion: 95 Resp: 625789

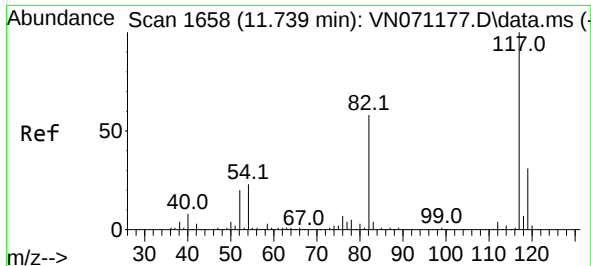
Ion Ratio Lower Upper

95 100

174 79.5 0.0 187.2

176 76.0 0.0 181.4

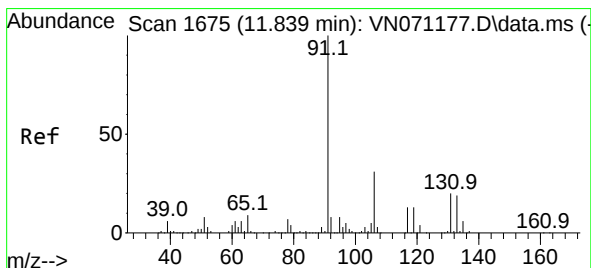
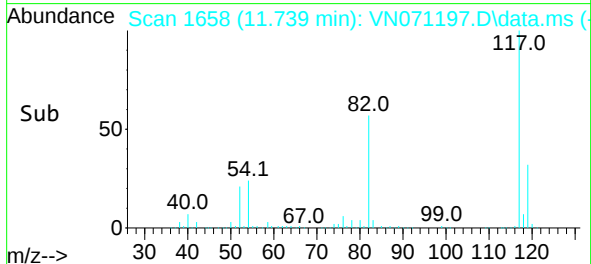
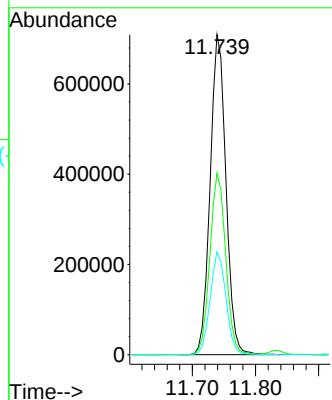
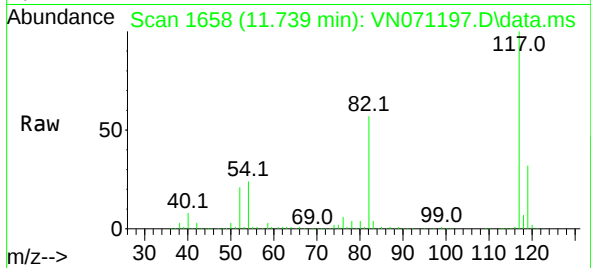




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

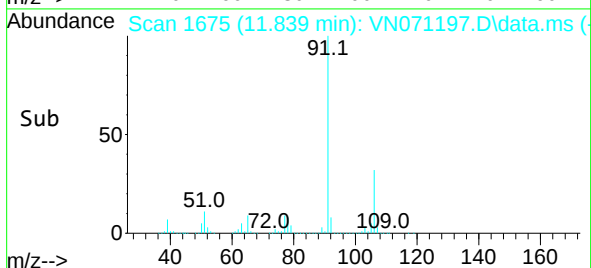
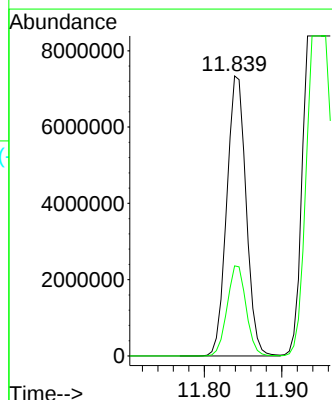
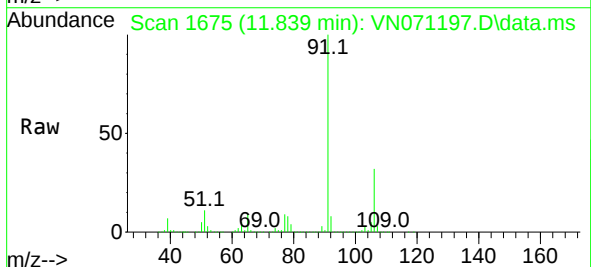
Instrument :
MSVOA_N
ClientSampleId :
DEWATERING-INFLUENT-030722

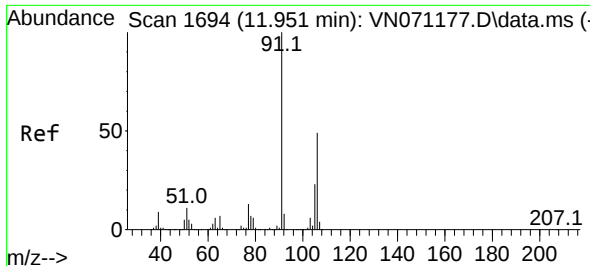
Tgt Ion:117 Resp: 1229804
Ion Ratio Lower Upper
117 100
82 56.6 42.4 63.6
119 32.1 25.4 38.2



#67
Ethyl Benzene
Concen: 273.810 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion: 91 Resp:12786236
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5

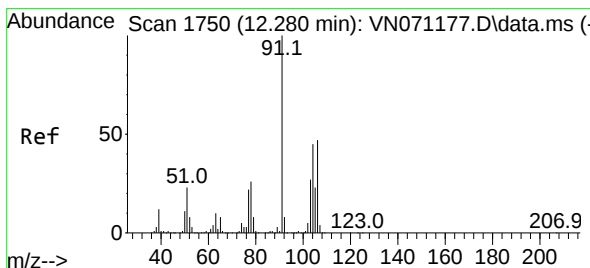
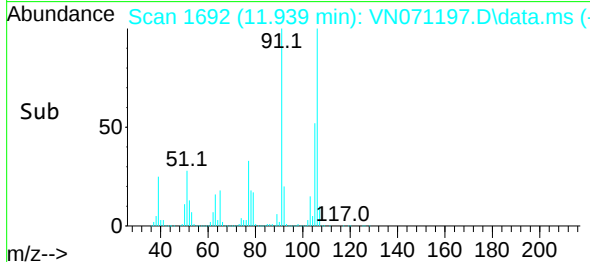
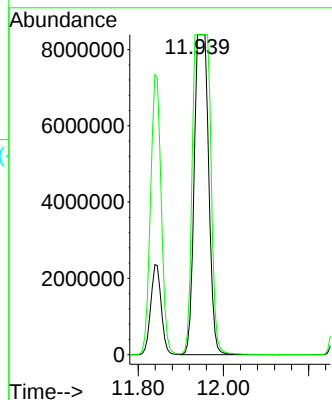
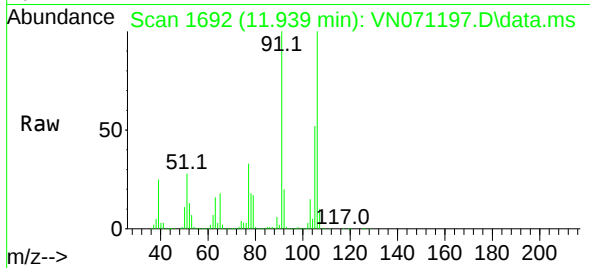




#68
m/p-Xylenes
Concen: 1148.138 ug/l
RT: 11.939 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

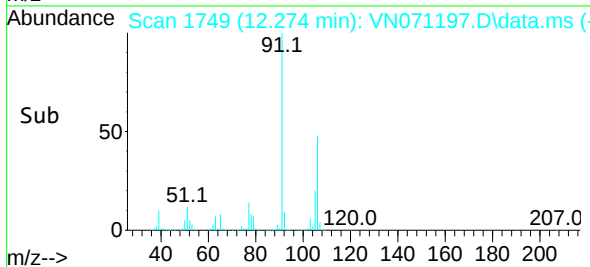
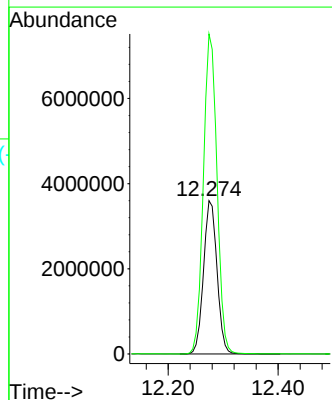
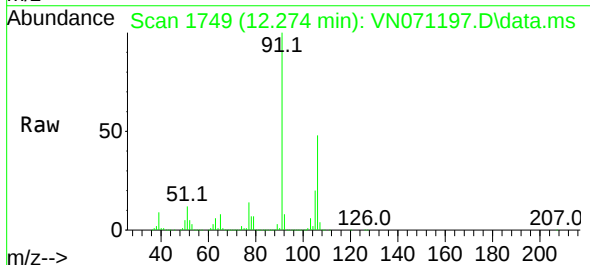
Instrument :
MSVOA_N
ClientSampleId :
DEWATERING-INFLUENT-030722

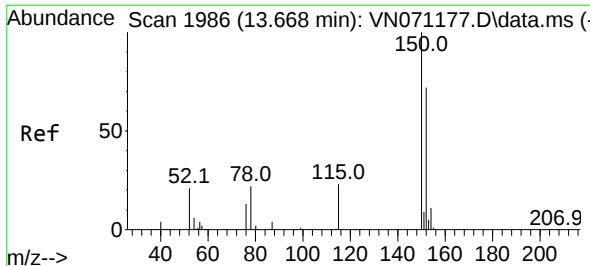
Tgt Ion:106 Resp:19613912
Ion Ratio Lower Upper
106 100
91 0.0 160.6 240.8#



#69
o-Xylene
Concen: 356.888 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion:106 Resp: 6111414
Ion Ratio Lower Upper
106 100
91 211.2 105.8 317.3

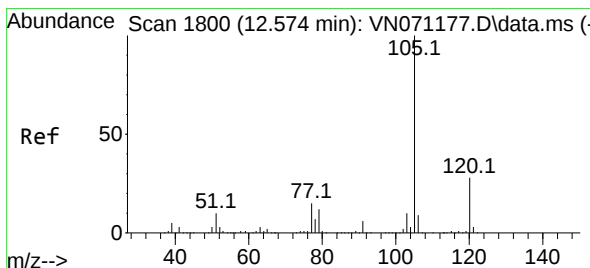
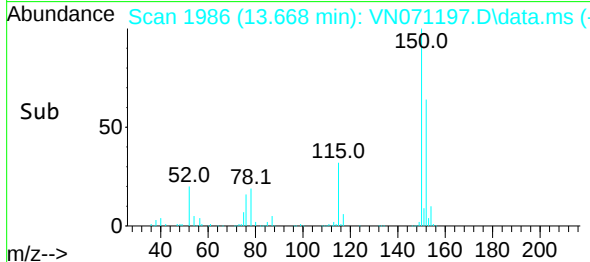
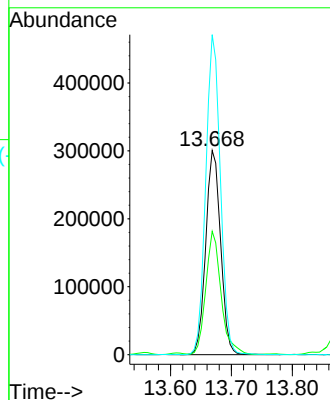
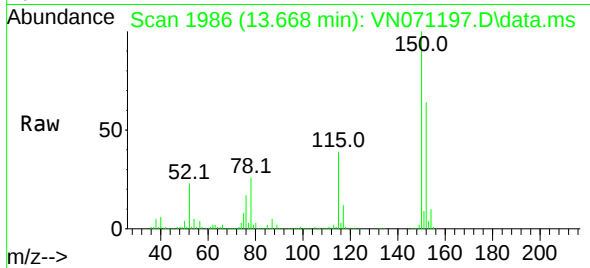




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

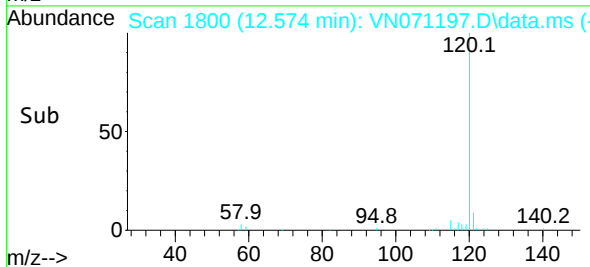
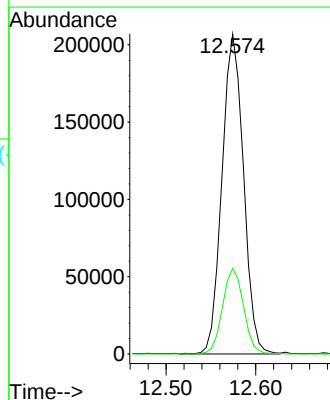
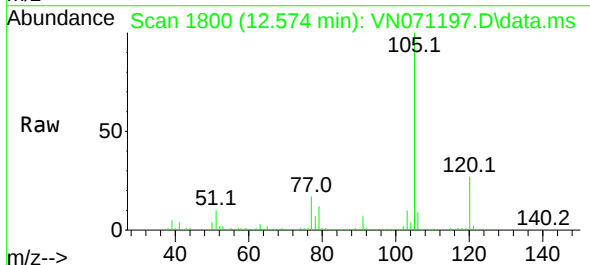
Instrument :
MSVOA_N
ClientSampleId :
DEWATERING-INFLUENT-030722

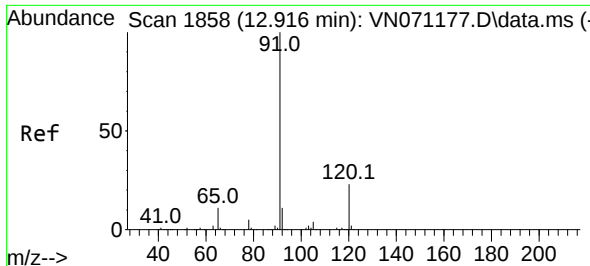
Tgt Ion:152 Resp: 508797
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 154.3 0.0 344.4



#73
Isopropylbenzene
Concen: 7.026 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion:105 Resp: 344629
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

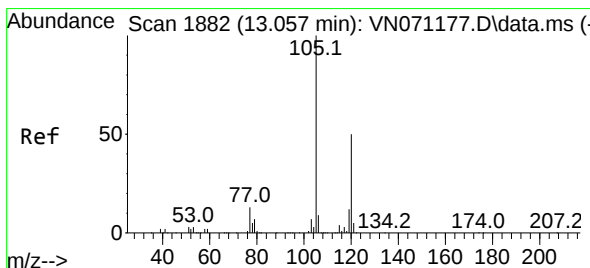
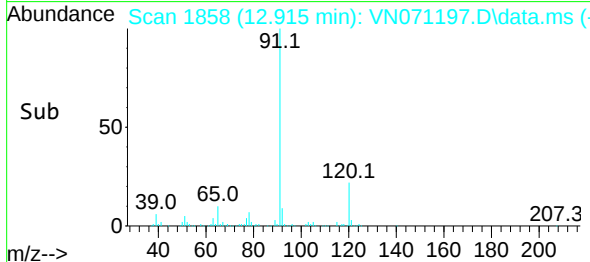
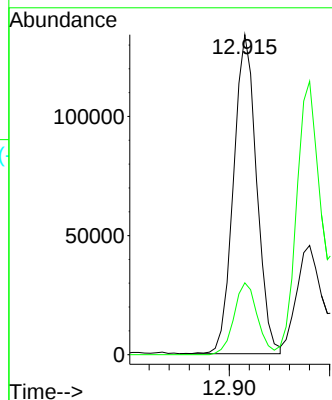
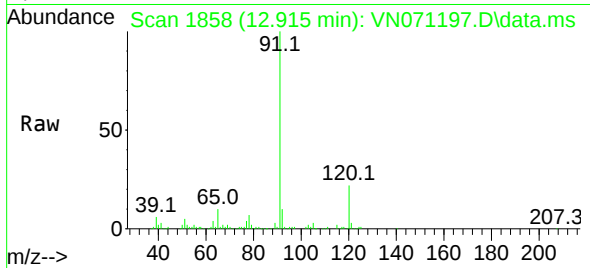




#78
n-propylbenzene
Concen: 4.086 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

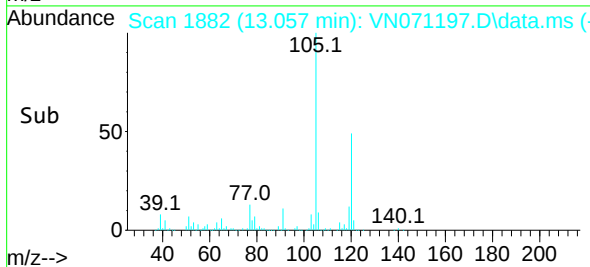
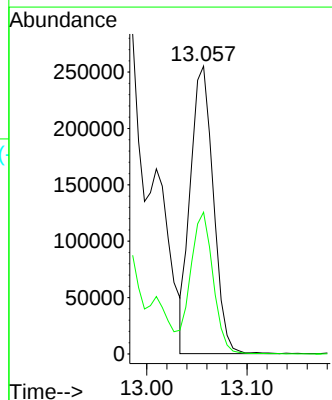
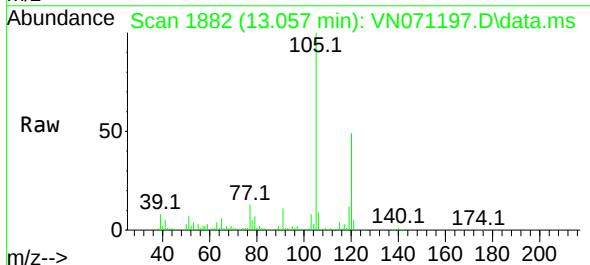
Instrument : MSVOA_N
ClientSampleId : DEWATERING-INFLUENT-030722

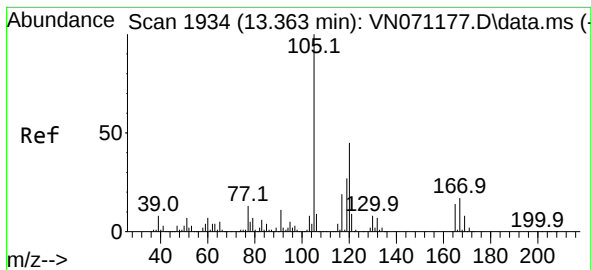
Tgt Ion: 91 Resp: 215028
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 10.587 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Tgt Ion:105 Resp: 403995
Ion Ratio Lower Upper
105 100
120 49.9 24.6 73.6





#84

1,2,4-Trimethylbenzene

Concen: 35.434 ug/l

RT: 13.362 min Scan# 1934

Delta R.T. -0.001 min

Lab File: VN071197.D

Acq: 08 Mar 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

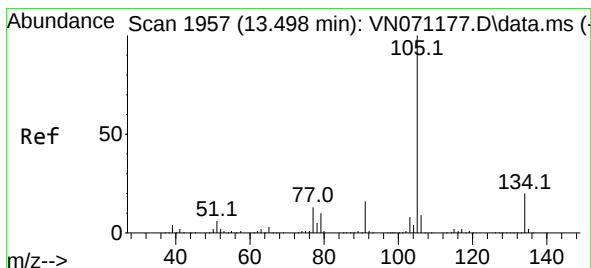
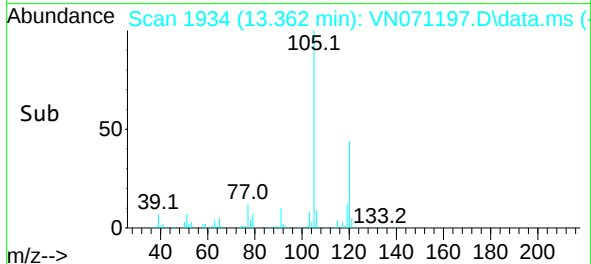
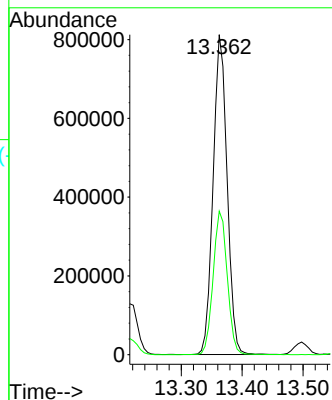
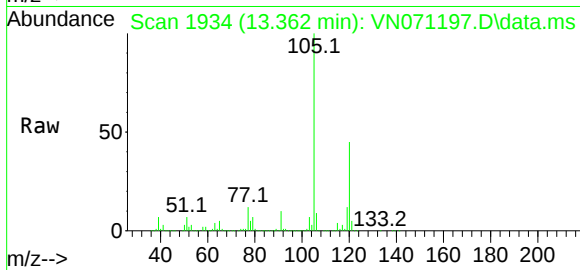
DEWATERING-INFLUENT-030722

Tgt Ion:105 Resp: 1295116

Ion Ratio Lower Upper

105 100

120 45.5 22.8 68.4



#85

sec-Butylbenzene

Concen: 1.103 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN071197.D

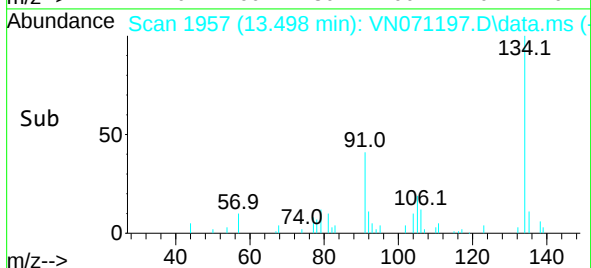
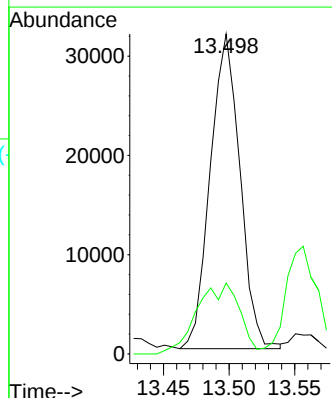
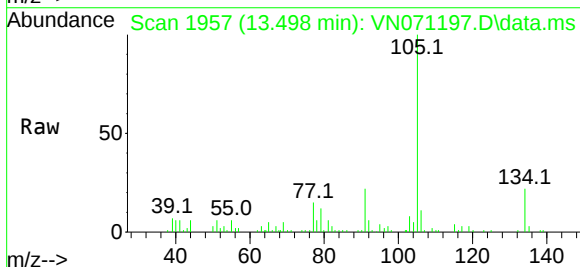
Acq: 08 Mar 2022 18:05

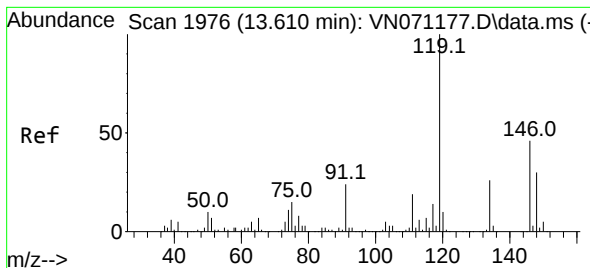
Tgt Ion:105 Resp: 49924

Ion Ratio Lower Upper

105 100

134 32.2 10.4 31.1#





#86

p-Isopropyltoluene

Concen: 1.187 ug/l

RT: 13.615 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VN071197.D

Acq: 08 Mar 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

DEWATERING-INFLUENT-030722

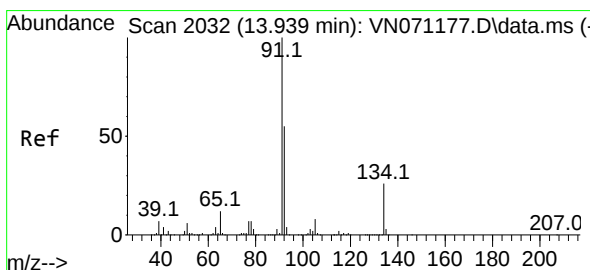
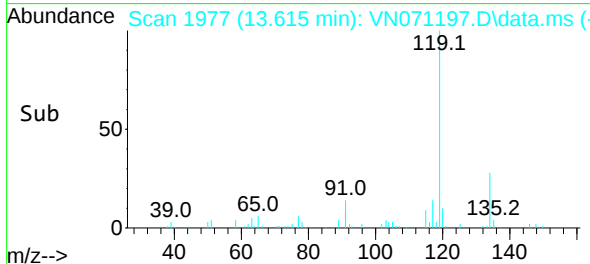
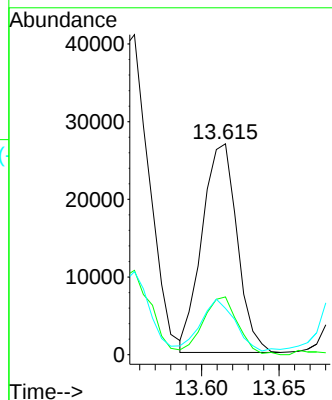
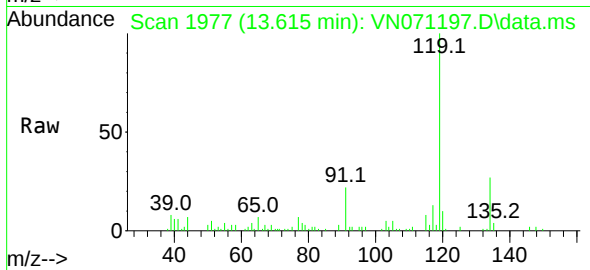
Tgt Ion:119 Resp: 42266

Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.7

91 22.4 11.4 34.1



#89

n-Butylbenzene

Concen: 1.298 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VN071197.D

Acq: 08 Mar 2022 18:05

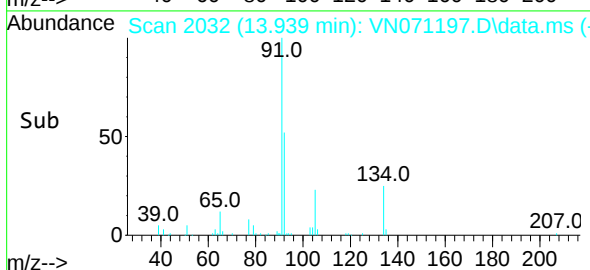
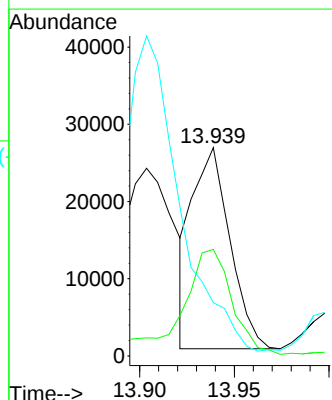
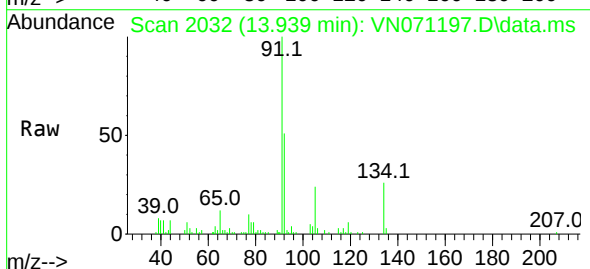
Tgt Ion: 91 Resp: 36152

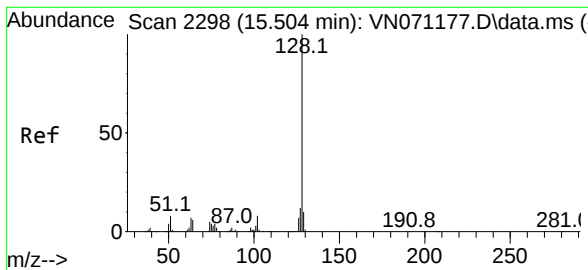
Ion Ratio Lower Upper

91 100

92 66.5 25.4 76.0

134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 12.745 ug/l
RT: 15.503 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN071197.D
Acq: 08 Mar 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
DEWATERING-INFLUENT-030722

Tgt Ion:128 Resp: 199267
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.1 8.7 13.1

