

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071522\
 Data File : VN073483.D
 Acq On : 15 Jul 2022 14:06
 Operator : JC\MD
 Sample : N3726-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-SEPTIC

Quant Time: Jul 16 04:13:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

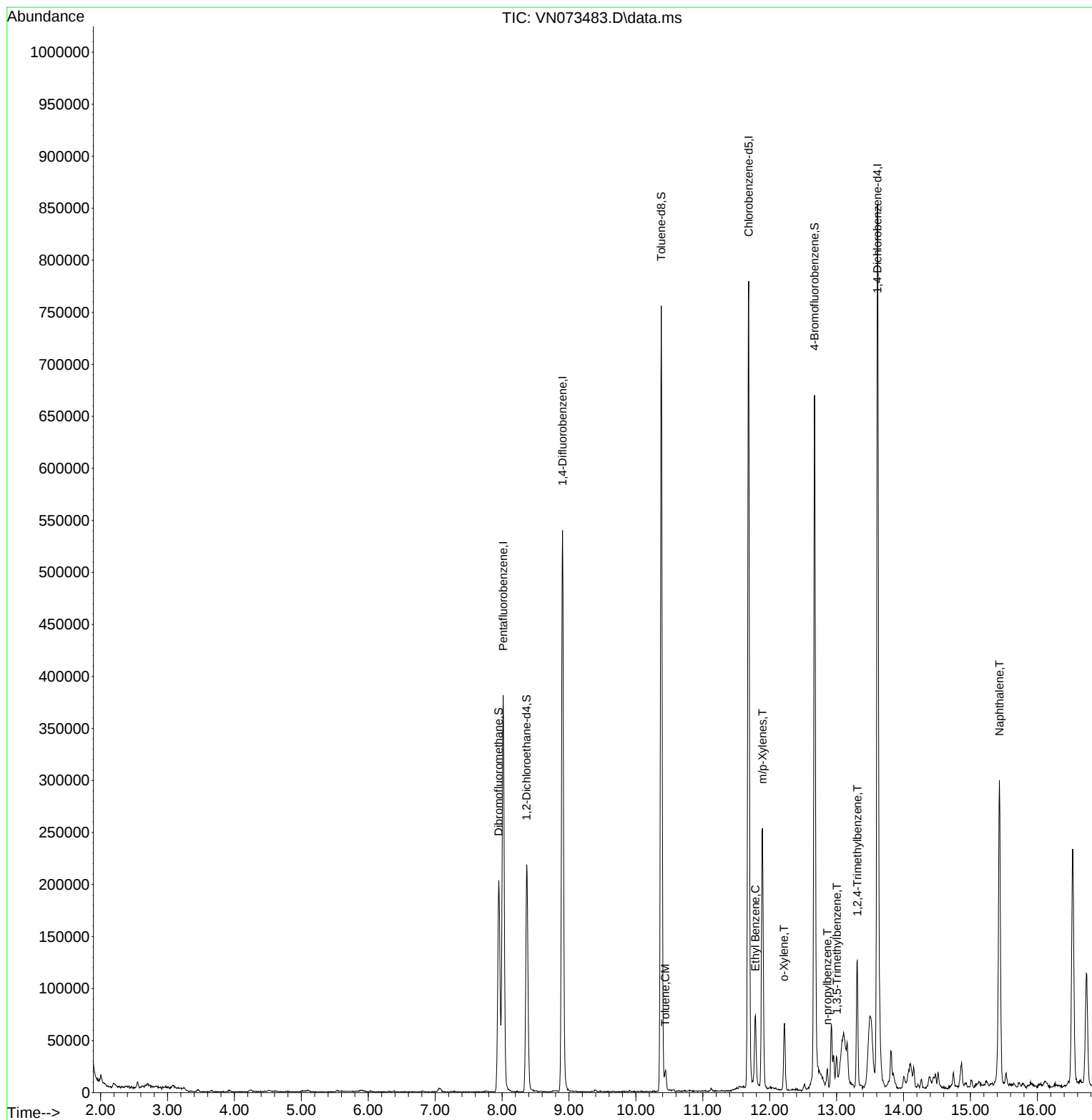
Internal Standards						
1) Pentafluorobenzene	8.016	168	276566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	465019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	439191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	221329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	184586	46.233	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.460%
35) Dibromofluoromethane	7.951	113	147164	47.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.140%
50) Toluene-d8	10.380	98	498592	45.375	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.740%
62) 4-Bromofluorobenzene	12.668	95	221725	52.507	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.020%
Target Compounds						
					Qvalue	
52) Toluene	10.439	92	6762	0.745	ug/l	82
67) Ethyl Benzene	11.786	91	48175	2.672	ug/l	99
68) m/p-Xylenes	11.892	106	82136	12.069	ug/l	98
69) o-Xylene	12.215	106	18025	2.594	ug/l	99
78) n-propylbenzene	12.863	91	13581	0.640	ug/l	97
80) 1,3,5-Trimethylbenzene	13.004	105	13968	0.897	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	70667	4.543	ug/l	98
95) Naphthalene	15.433	128	291181	17.070	ug/l	99

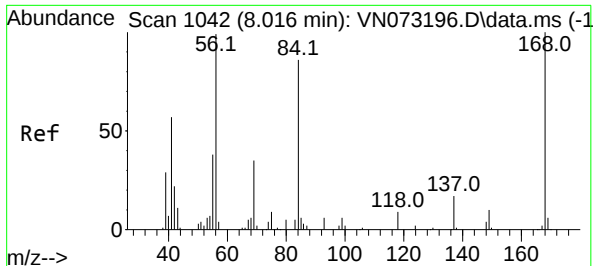
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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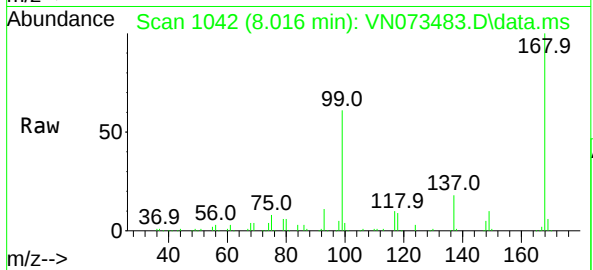
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration



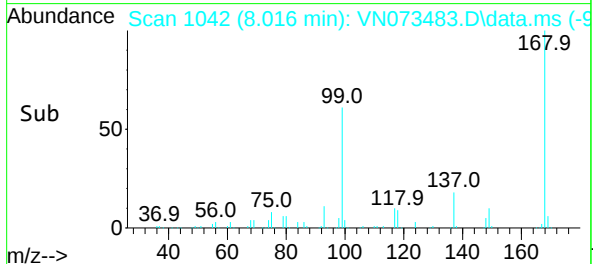
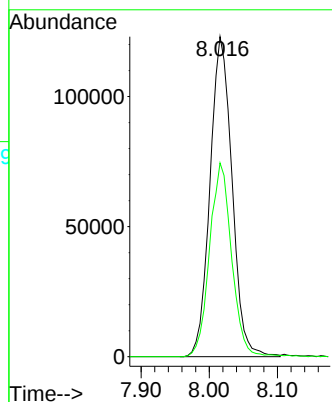


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073483.D
Acq: 15 Jul 2022 14:06

Instrument :
MSVOA_N
ClientSampleId :
TW-SEPTIC

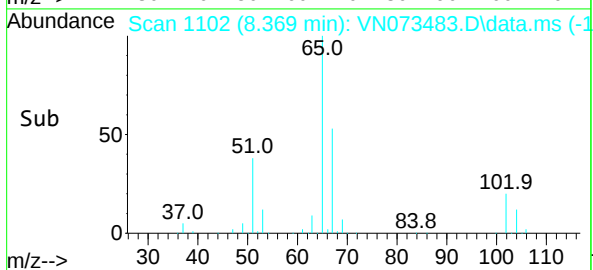
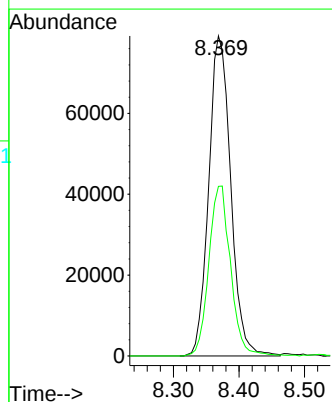
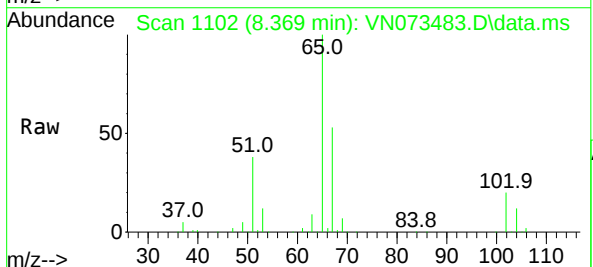


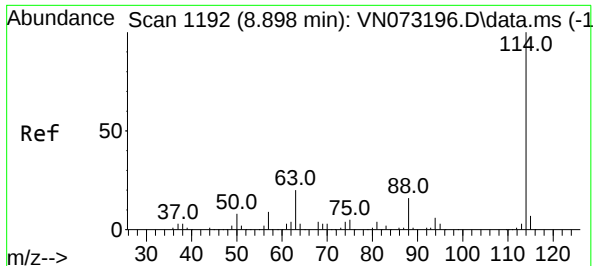
Tgt Ion:168 Resp: 276566
Ion Ratio Lower Upper
168 100
99 60.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 46.233 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073483.D
Acq: 15 Jul 2022 14:06

Tgt Ion: 65 Resp: 184586
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073483.D

Acq: 15 Jul 2022 14:06

Instrument :

MSVOA_N

ClientSampleId :

TW-SEPTIC

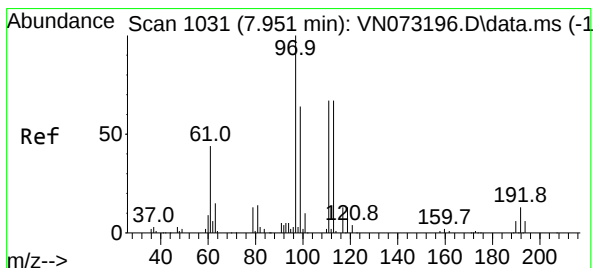
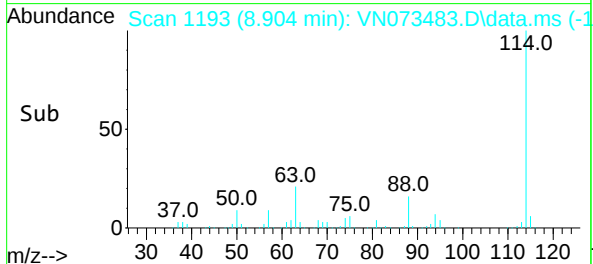
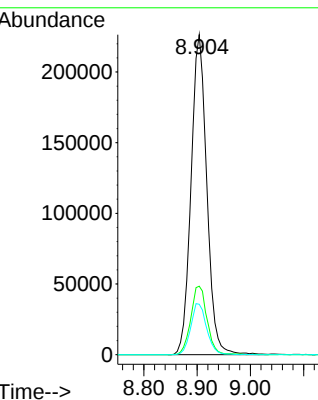
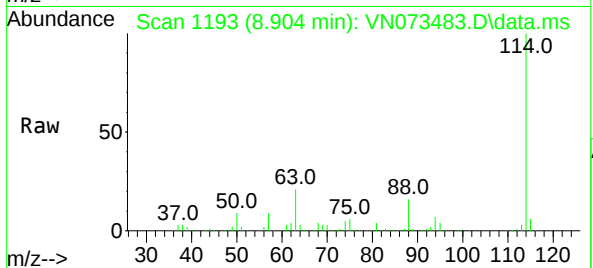
Tgt Ion:114 Resp: 465019

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.567 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073483.D

Acq: 15 Jul 2022 14:06

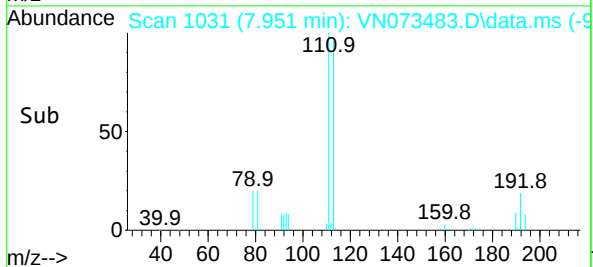
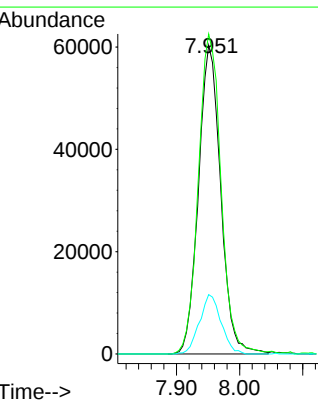
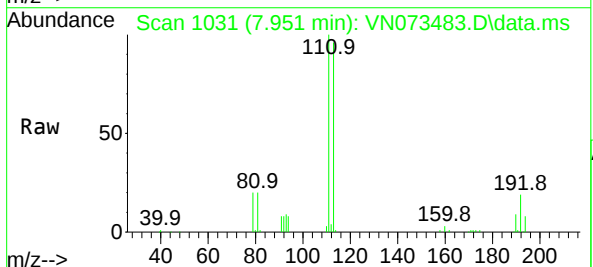
Tgt Ion:113 Resp: 147164

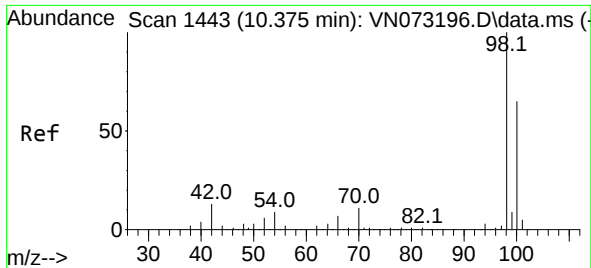
Ion Ratio Lower Upper

113 100

111 106.1 81.4 122.0

192 18.7 17.0 25.6

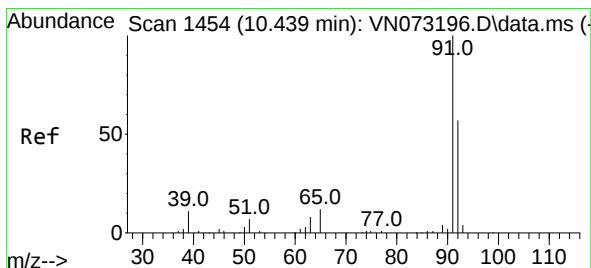
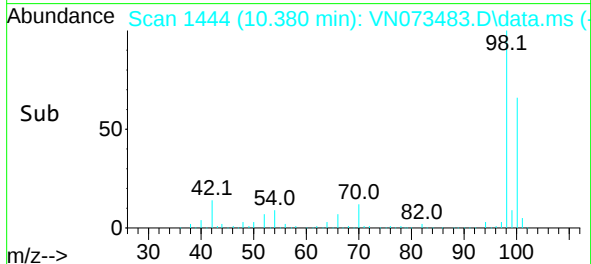
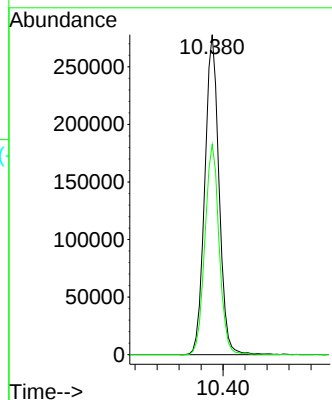
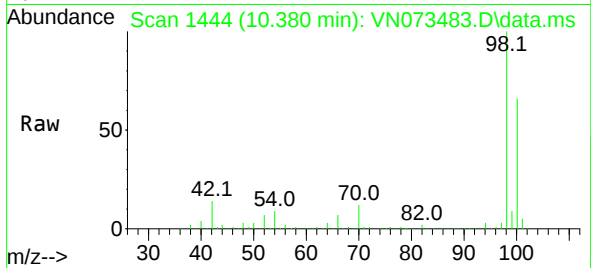




#50
Toluene-d8
Concen: 45.375 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073483.D
Acq: 15 Jul 2022 14:06

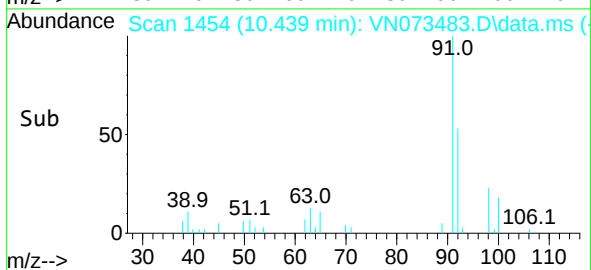
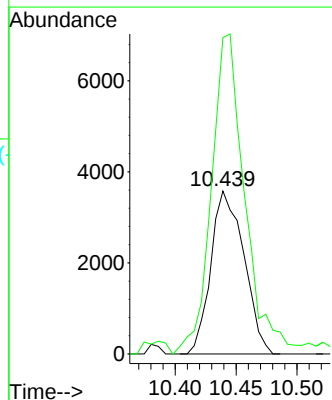
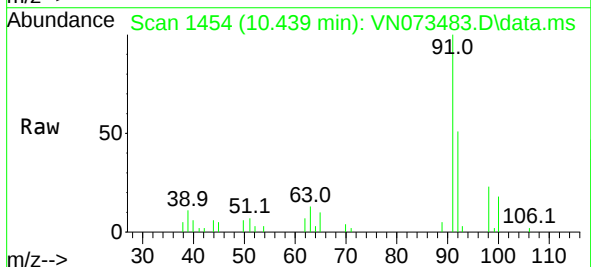
Instrument :
MSVOA_N
ClientSampleId :
TW-SEPTIC

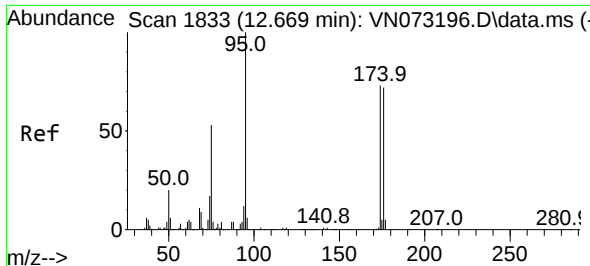
Tgt Ion: 98 Resp: 498592
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#52
Toluene
Concen: 0.745 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073483.D
Acq: 15 Jul 2022 14:06

Tgt Ion: 92 Resp: 6762
Ion Ratio Lower Upper
92 100
91 198.7 138.6 207.8

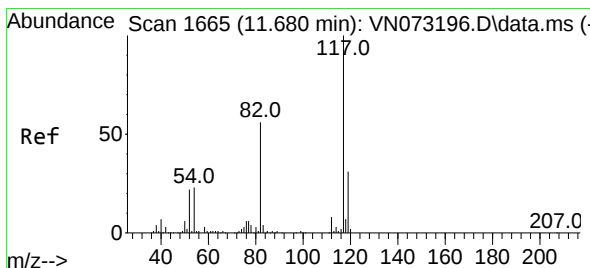
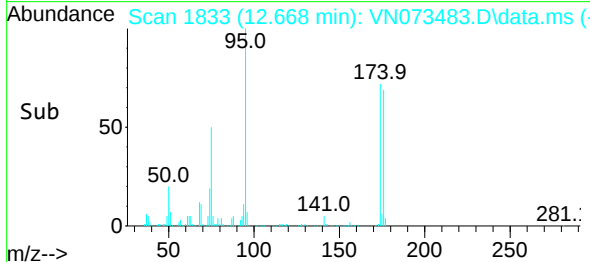
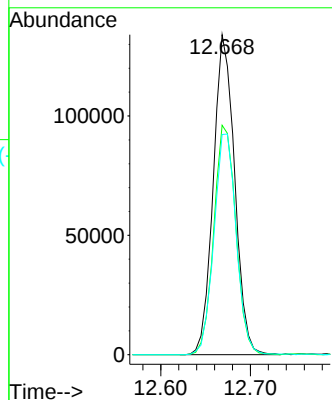
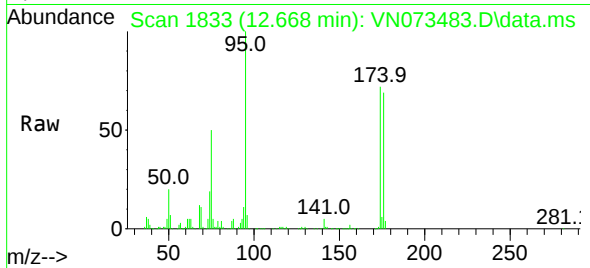




#62
4-Bromofluorobenzene
Concen: 52.507 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073483.D
Acq: 15 Jul 2022 14:06

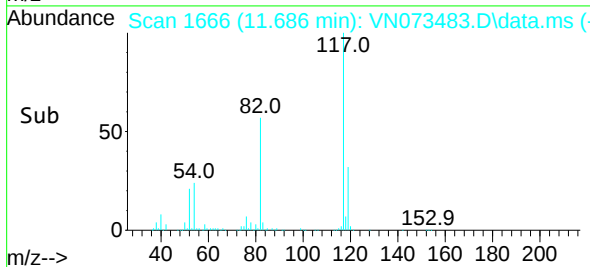
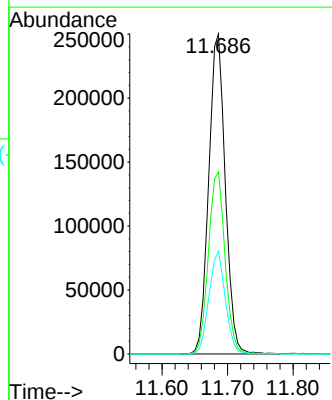
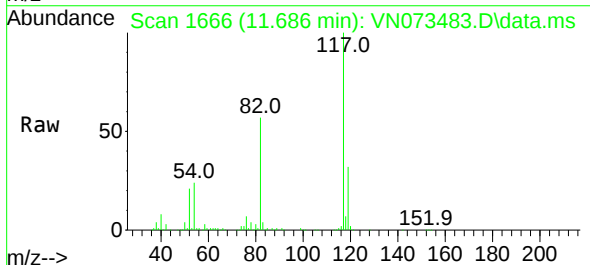
Instrument :
MSVOA_N
ClientSampleId :
TW-SEPTIC

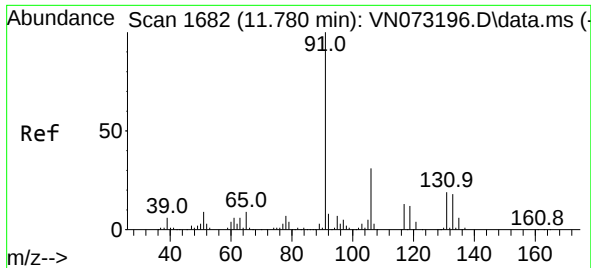
Tgt Ion: 95 Resp: 221725
Ion Ratio Lower Upper
95 100
174 73.9 0.0 167.6
176 72.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073483.D
Acq: 15 Jul 2022 14:06

Tgt Ion: 117 Resp: 439191
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 32.1 25.4 38.0





#67

Ethyl Benzene

Concen: 2.672 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073483.D

Acq: 15 Jul 2022 14:06

Instrument :

MSVOA_N

ClientSampleId :

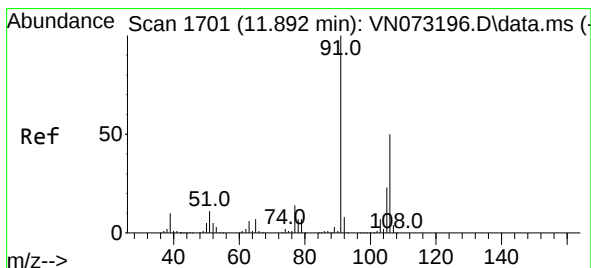
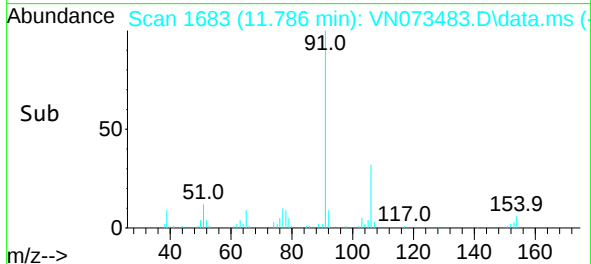
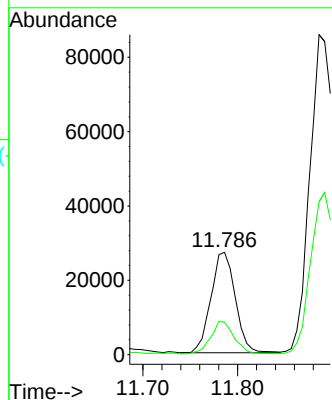
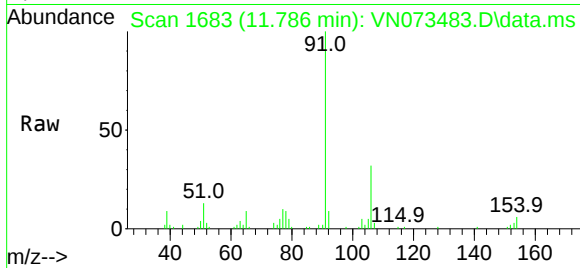
TW-SEPTIC

Tgt Ion: 91 Resp: 48175

Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3



#68

m/p-Xylenes

Concen: 12.069 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN073483.D

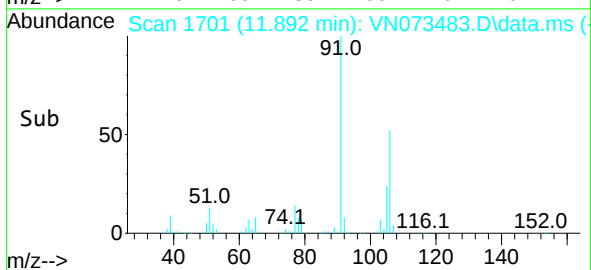
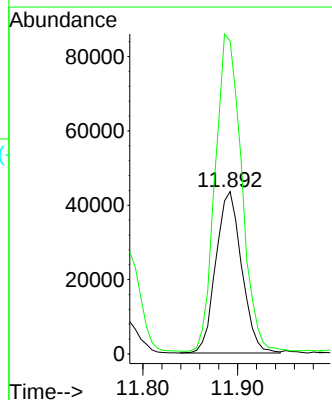
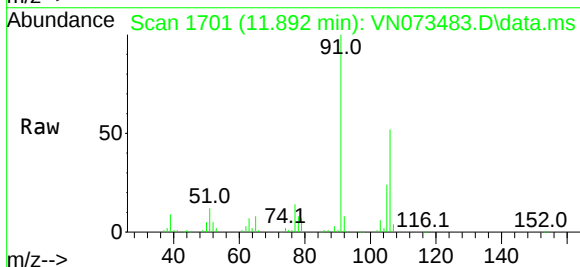
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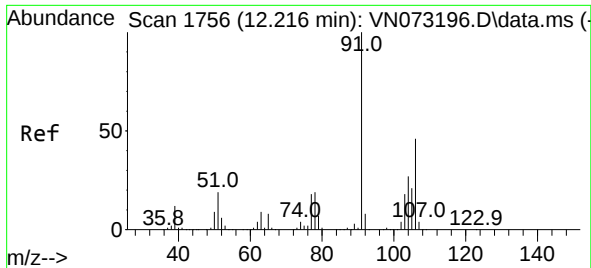
Tgt Ion:106 Resp: 82136

Ion Ratio Lower Upper

106 100

91 201.1 158.9 238.3

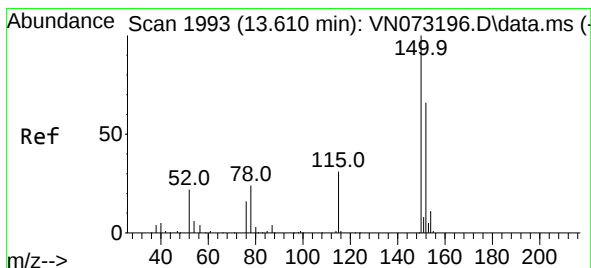
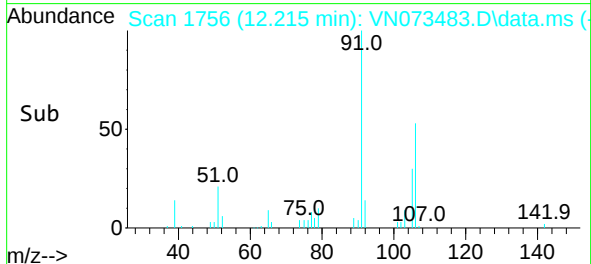
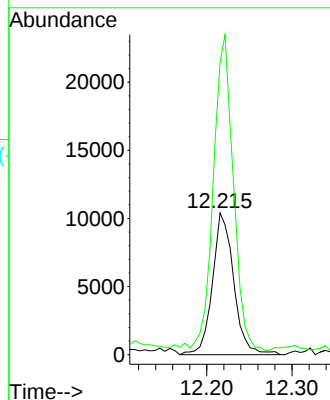
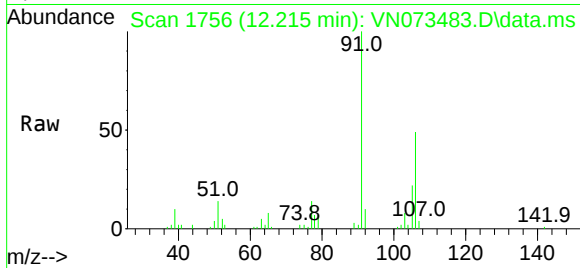




#69
o-Xylene
Concen: 2.594 ug/l
RT: 12.215 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN073483.D
Acq: 15 Jul 2022 14:06

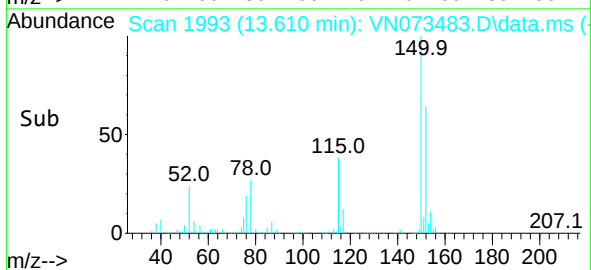
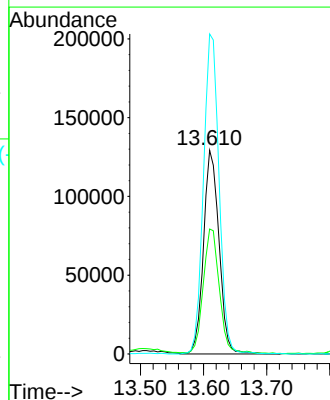
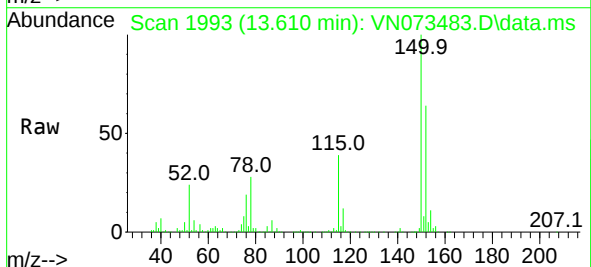
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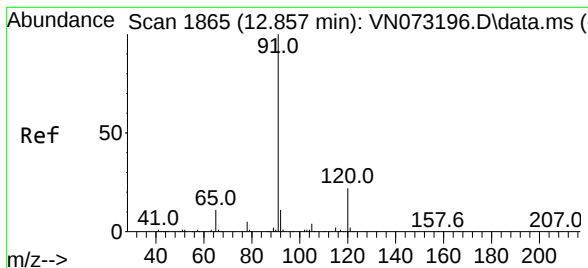
Tgt Ion:106 Resp: 18025
Ion Ratio Lower Upper
106 100
91 211.2 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073483.D
Acq: 15 Jul 2022 14:06

Tgt Ion:152 Resp: 221329
Ion Ratio Lower Upper
152 100
115 63.2 28.9 86.7
150 157.5 0.0 356.2





#78

n-propylbenzene

Concen: 0.640 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VN073483.D

Acq: 15 Jul 2022 14:06

Instrument :

MSVOA_N

ClientSampleId :

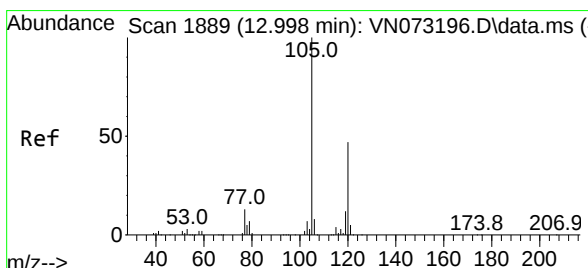
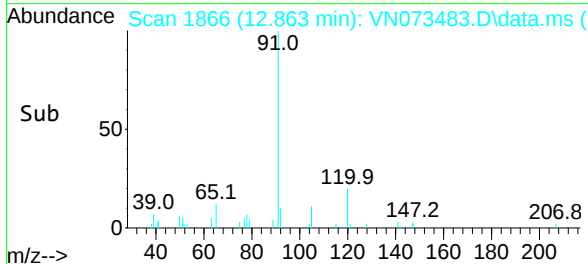
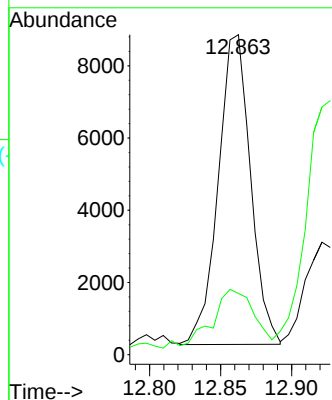
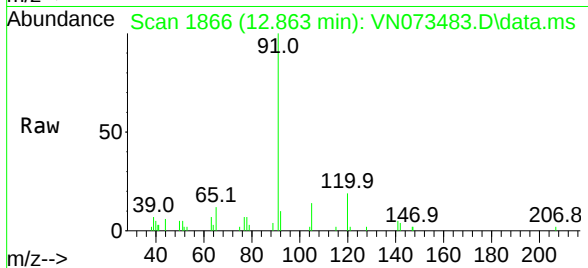
TW-SEPTIC

Tgt Ion: 91 Resp: 13581

Ion Ratio Lower Upper

91 100

120 25.0 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 0.897 ug/l

RT: 13.004 min Scan# 1890

Delta R.T. 0.006 min

Lab File: VN073483.D

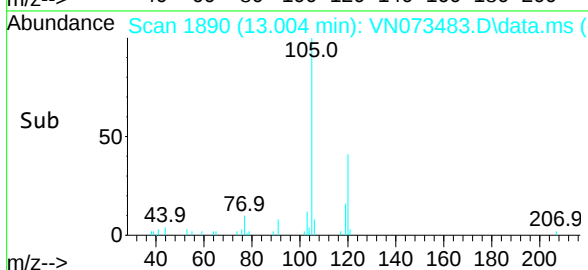
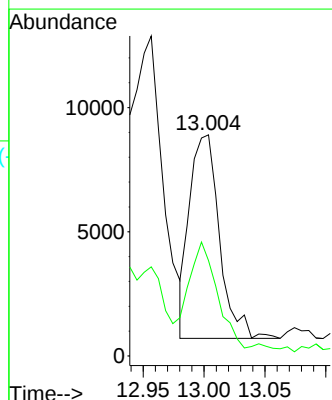
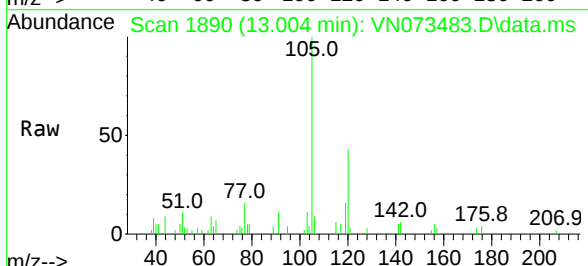
Acq: 15 Jul 2022 14:06

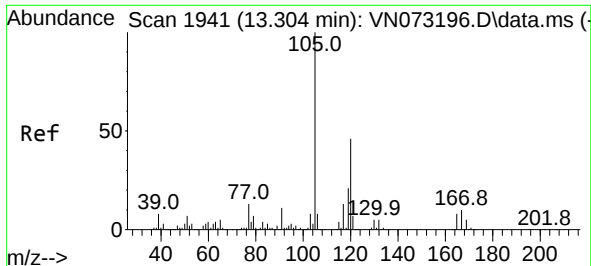
Tgt Ion:105 Resp: 13968

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.7

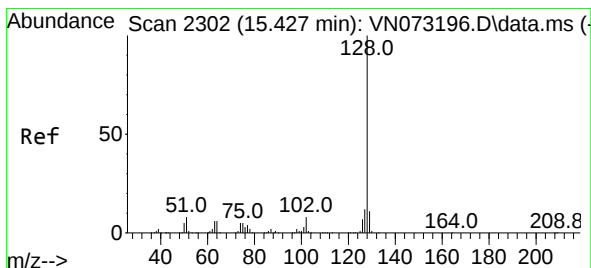
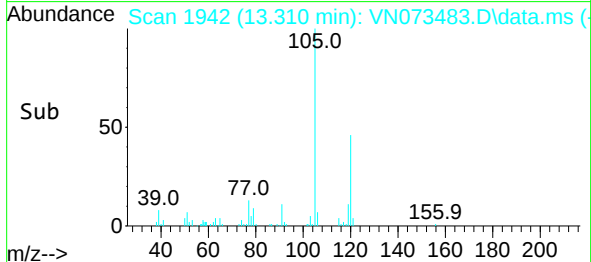
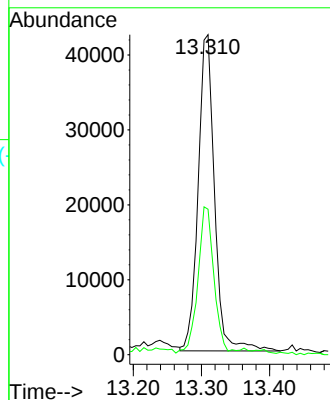
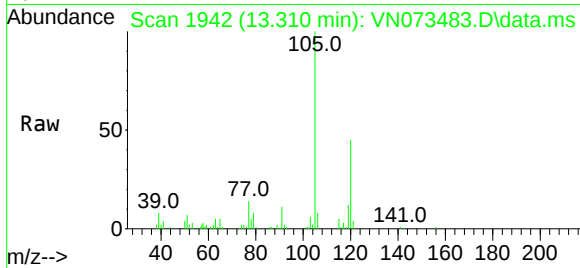




#84
1,2,4-Trimethylbenzene
Concen: 4.543 ug/l
RT: 13.310 min Scan# 1941
Delta R.T. 0.006 min
Lab File: VN073483.D
Acq: 15 Jul 2022 14:06

Instrument :
MSVOA_N
ClientSampleId :
TW-SEPTIC

Tgt Ion:105 Resp: 70667
Ion Ratio Lower Upper
105 100
120 45.0 23.3 69.8



#95
Naphthalene
Concen: 17.070 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073483.D
Acq: 15 Jul 2022 14:06

Tgt Ion:128 Resp: 291181
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.3 8.6 13.0

