

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071522\
 Data File : VN073486.D
 Acq On : 15 Jul 2022 15:25
 Operator : JC\MD
 Sample : N3726-07RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-SEPTIC

Quant Time: Jul 16 04:14:04 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)

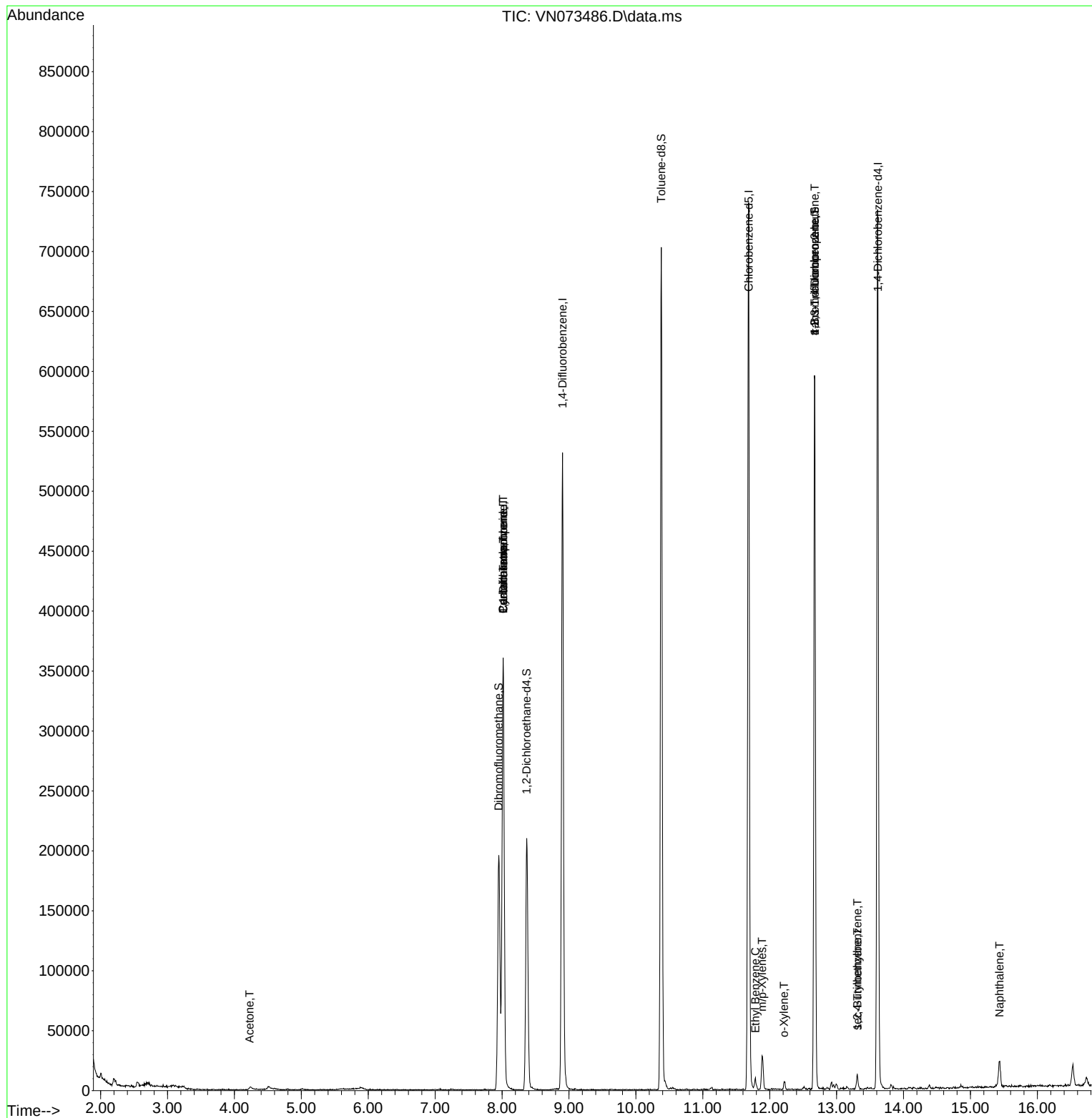
Internal Standards						
1) Pentafluorobenzene	8.016	168	264338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	457701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	415926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	198453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	178302	46.725	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.440%
35) Dibromofluoromethane	7.951	113	146463	48.097	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	10.380	98	484857	44.830	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.660%
62) 4-Bromofluorobenzene	12.674	95	210069	50.542	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.080%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	2020	0.943	ug/l	93
31) Cyclohexane	8.016	56	6089	0.974	ug/l #	47
36) 1,1-Dichloropropene	8.016	75	22714	4.848	ug/l #	49
38) Carbon Tetrachloride	8.016	117	27300	5.634	ug/l #	18
67) Ethyl Benzene	11.786	91	6417	0.376	ug/l	96
68) m/p-Xylenes	11.886	106	9035	1.402	ug/l	95
69) o-Xylene	12.216	106	2223	0.338	ug/l	95
76) 1,2,3-Trichloropropane	12.674	75	110997	21.390	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	110997	58.662	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.310	105	7698	0.552	ug/l	99
85) sec-Butylbenzene	13.310	105	7698	0.458	ug/l #	56
95) Naphthalene	15.433	128	22846	1.494	ug/l	97

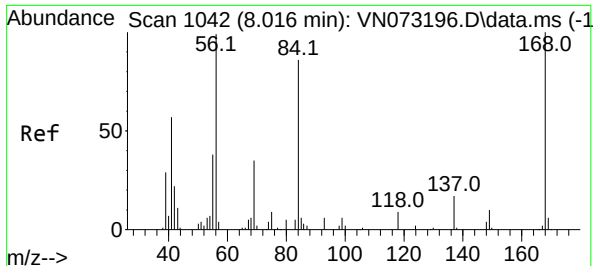
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071522\
Data File : VN073486.D
Acq On : 15 Jul 2022 15:25
Operator : JC\MD
Sample : N3726-07RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-SEPTIC

Quant Time: Jul 16 04:14:04 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

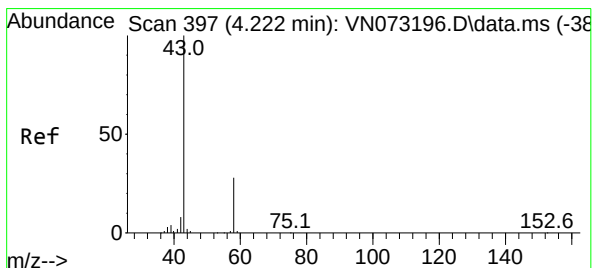
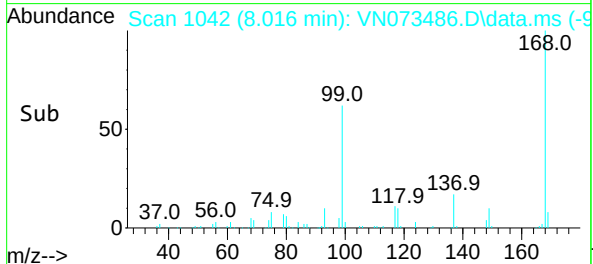
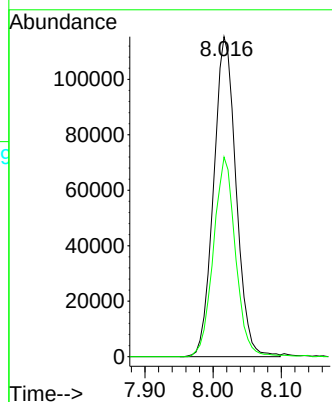
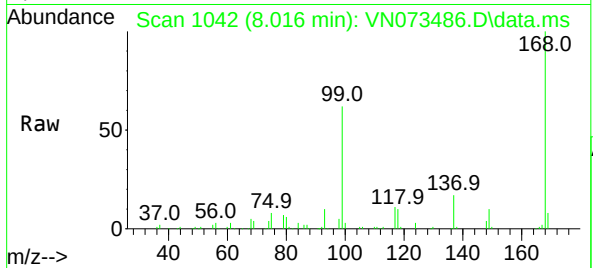




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073486.D
Acq: 15 Jul 2022 15:25

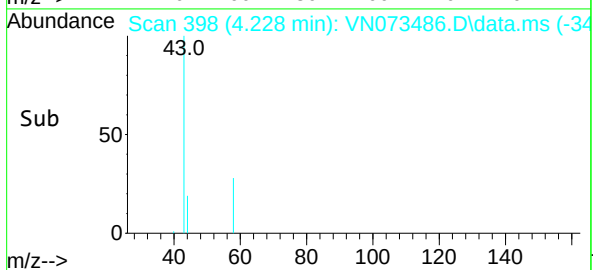
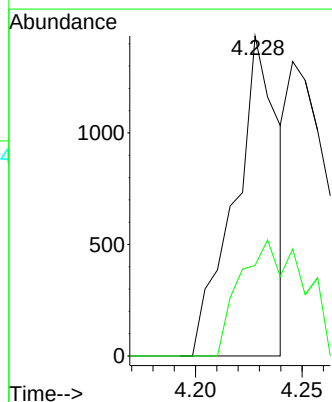
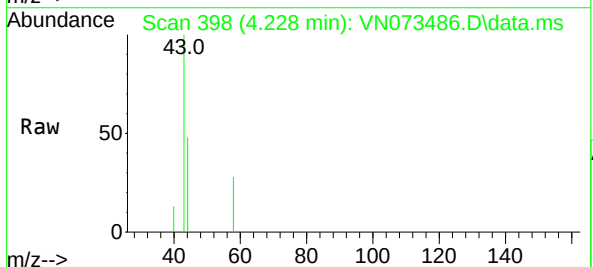
Instrument :
MSVOA_N
ClientSampleId :
TW-SEPTIC

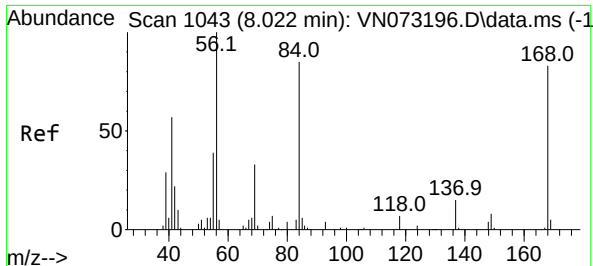
Tgt Ion:168 Resp: 264338
Ion Ratio Lower Upper
168 100
99 62.4 42.3 63.5



#16
Acetone
Concen: 0.943 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073486.D
Acq: 15 Jul 2022 15:25

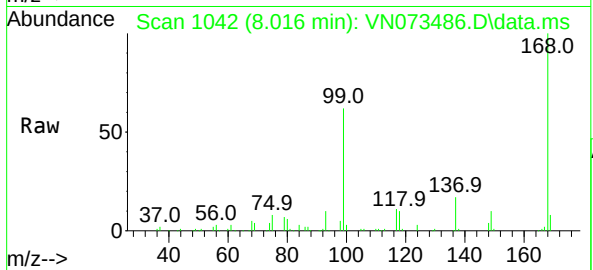
Tgt Ion: 43 Resp: 2020
Ion Ratio Lower Upper
43 100
58 28.3 26.0 39.0



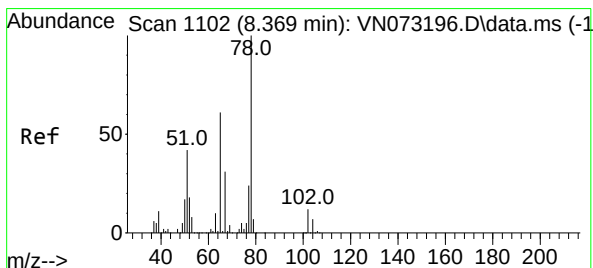
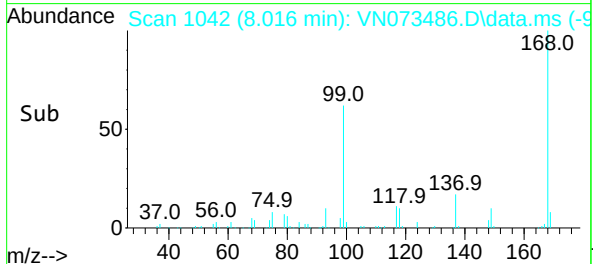
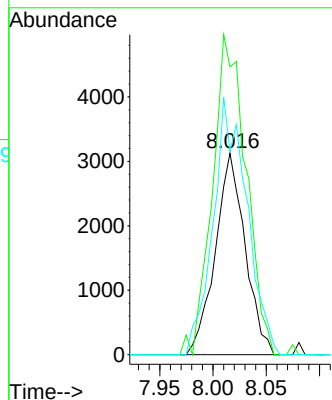


#31
Cyclohexane
Concen: 0.974 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073486.D
Acq: 15 Jul 2022 15:25

Instrument :
MSVOA_N
ClientSampleId :
TW-SEPTIC

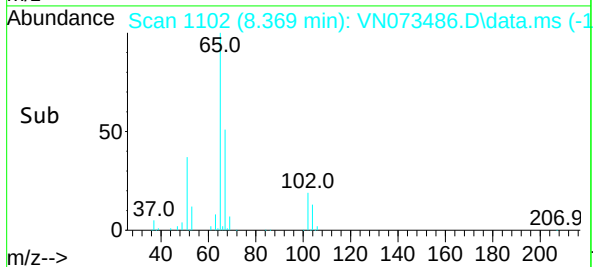
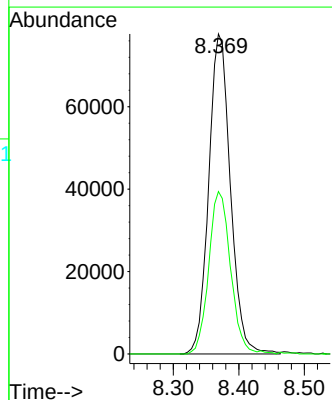
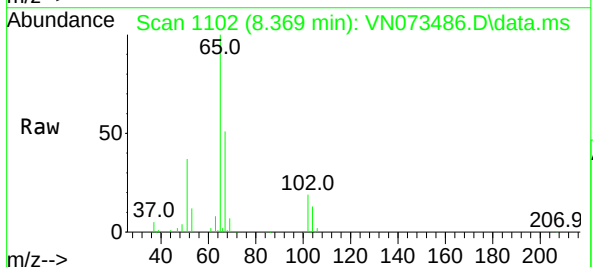


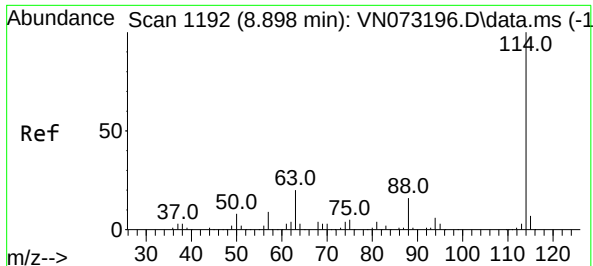
Tgt Ion: 56 Resp: 6089
Ion Ratio Lower Upper
56 100
69 142.9 27.8 41.8#
84 101.1 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 46.725 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073486.D
Acq: 15 Jul 2022 15:25

Tgt Ion: 65 Resp: 178302
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073486.D

Acq: 15 Jul 2022 15:25

Instrument :

MSVOA_N

ClientSampleId :

TW-SEPTIC

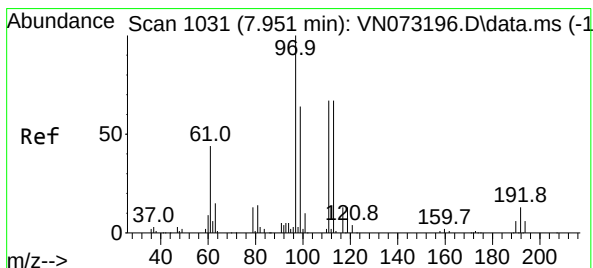
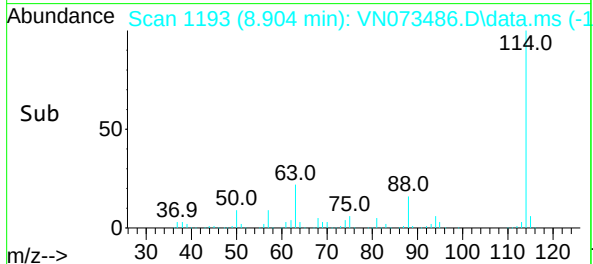
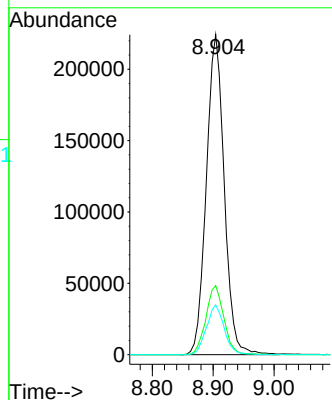
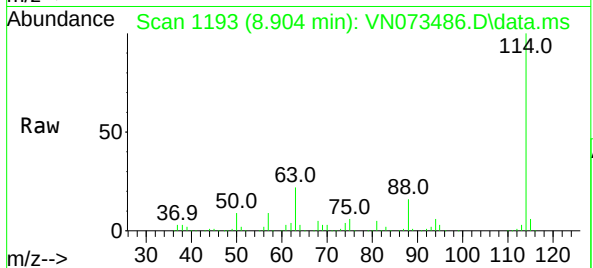
Tgt Ion:114 Resp: 457701

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.097 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073486.D

Acq: 15 Jul 2022 15:25

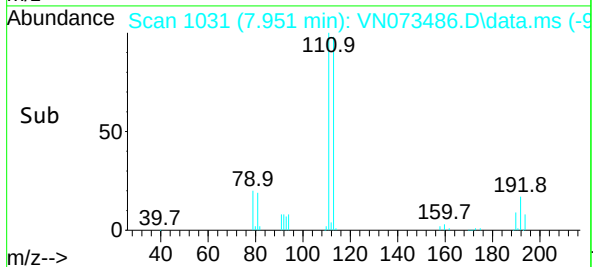
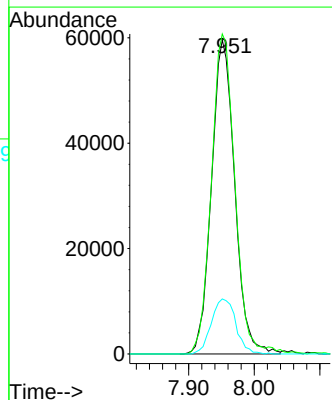
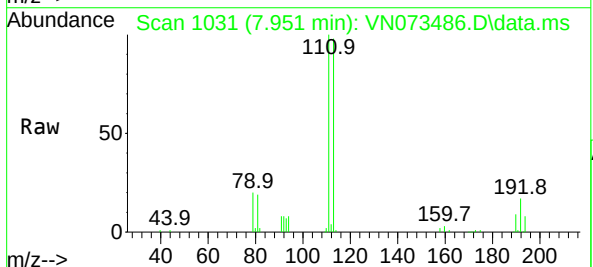
Tgt Ion:113 Resp: 146463

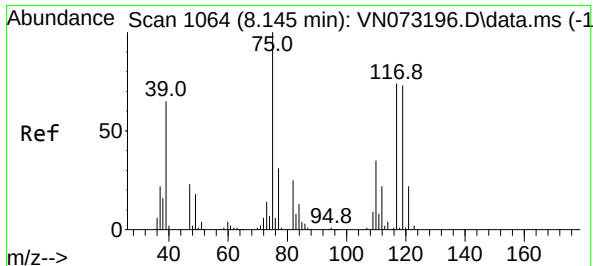
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.5 17.0 25.6

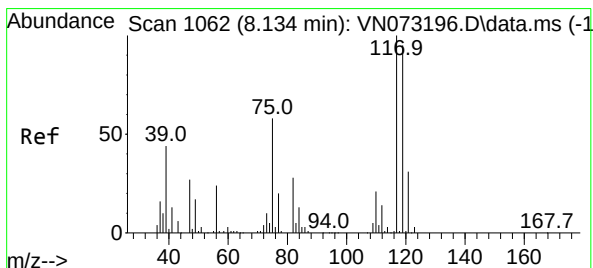
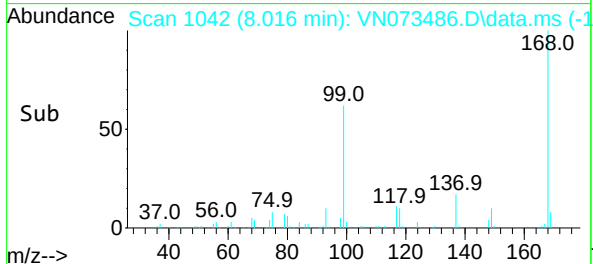
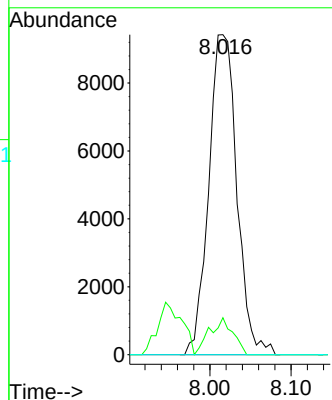
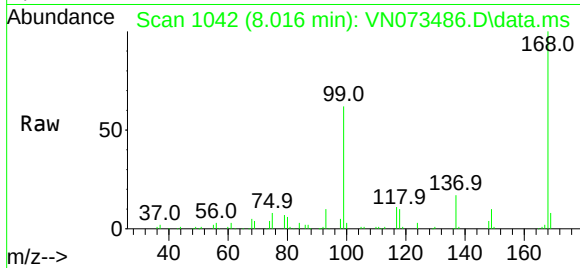




#36
1,1-Dichloropropene
Concen: 4.848 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073486.D
Acq: 15 Jul 2022 15:25

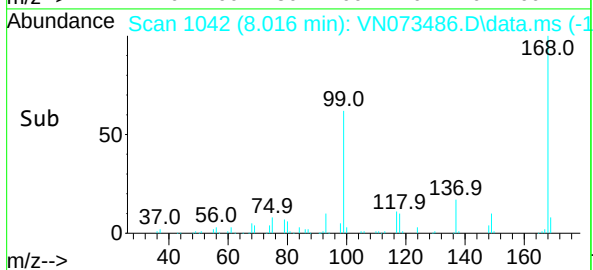
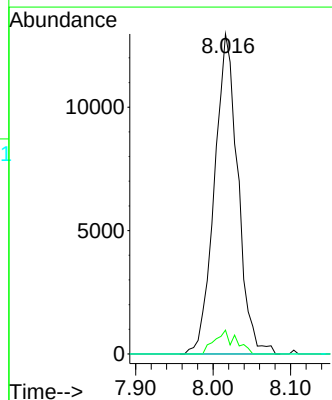
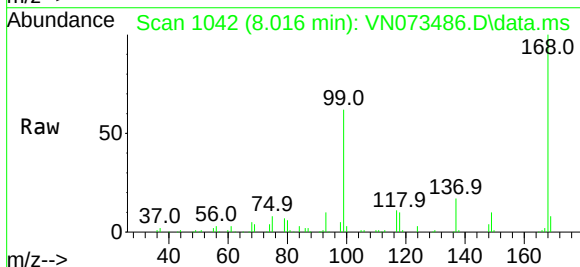
Instrument :
MSVOA_N
ClientSampleId :
TW-SEPTIC

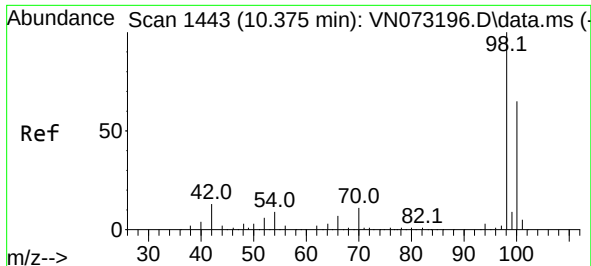
Tgt Ion: 75 Resp: 22714
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.634 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073486.D
Acq: 15 Jul 2022 15:25

Tgt Ion: 117 Resp: 27300
Ion Ratio Lower Upper
117 100
119 7.5 75.8 113.8#
121 0.0 24.6 37.0#

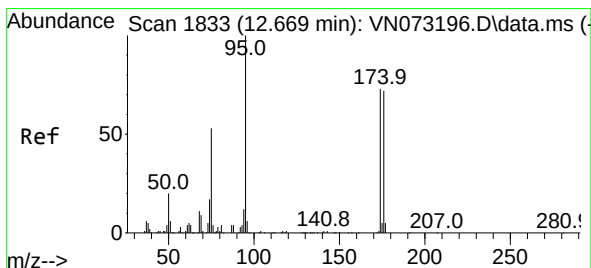
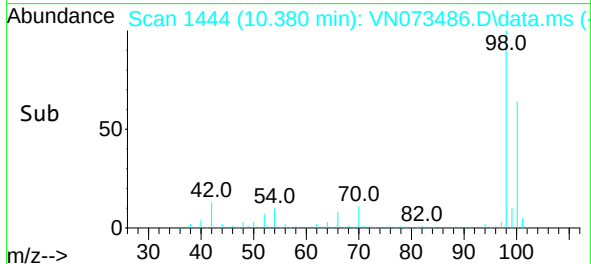
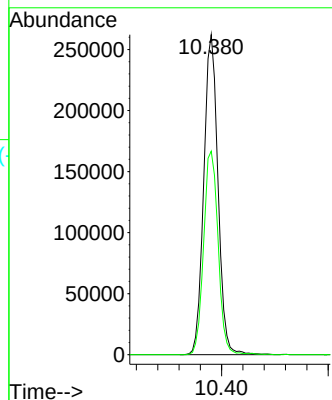
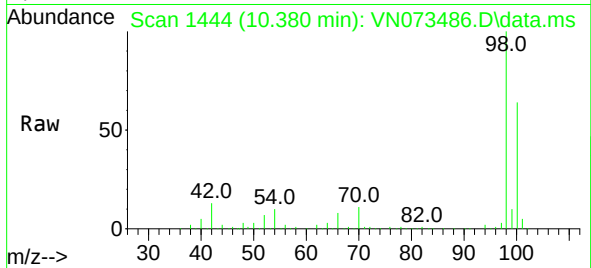




#50
Toluene-d8
Concen: 44.830 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073486.D
Acq: 15 Jul 2022 15:25

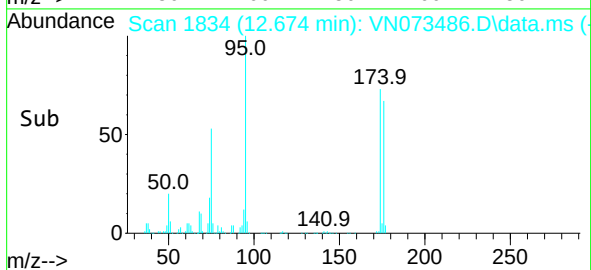
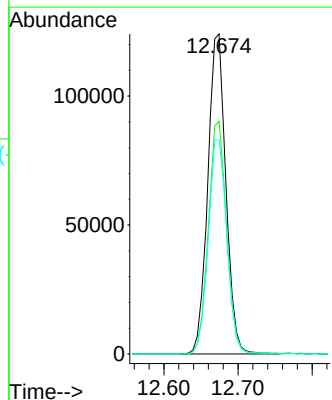
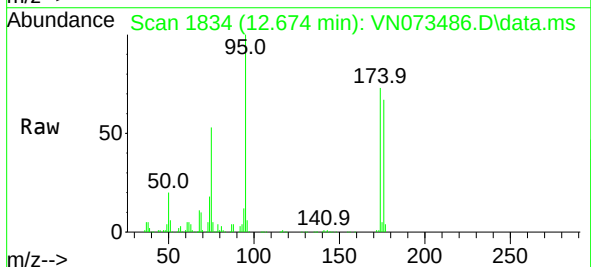
Instrument :
MSVOA_N
ClientSampleId :
TW-SEPTIC

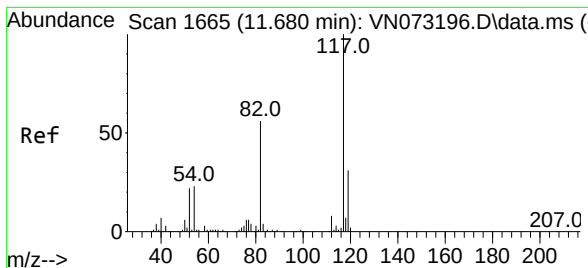
Tgt Ion: 98 Resp: 484857
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.542 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073486.D
Acq: 15 Jul 2022 15:25

Tgt Ion: 95 Resp: 210069
Ion Ratio Lower Upper
95 100
174 73.0 0.0 167.6
176 68.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073486.D

Acq: 15 Jul 2022 15:25

Instrument :

MSVOA_N

ClientSampleId :

TW-SEPTIC

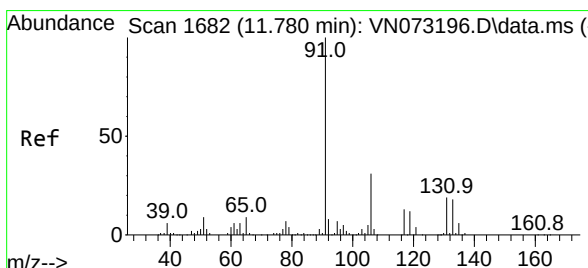
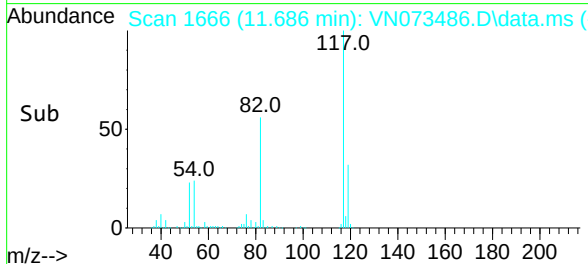
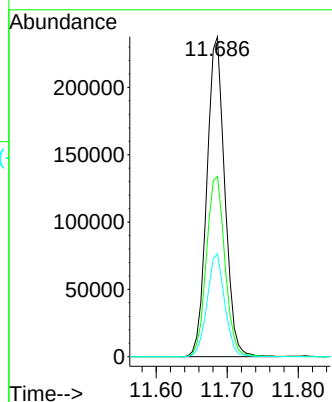
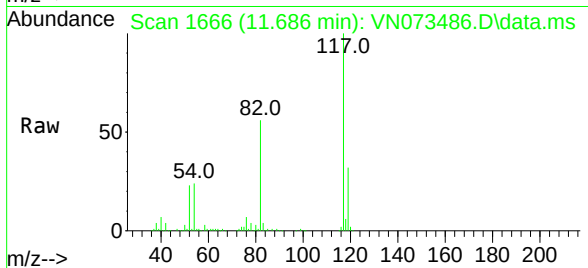
Tgt Ion:117 Resp: 415926

Ion Ratio Lower Upper

117 100

82 56.4 44.2 66.2

119 32.1 25.4 38.0



#67

Ethyl Benzene

Concen: 0.376 ug/l

RT: 11.786 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VN073486.D

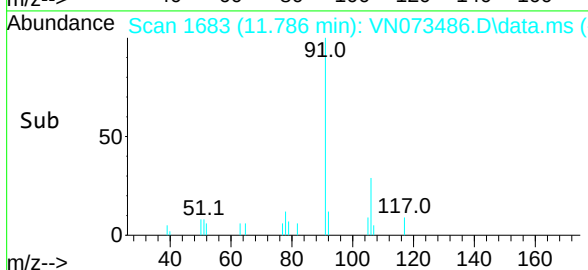
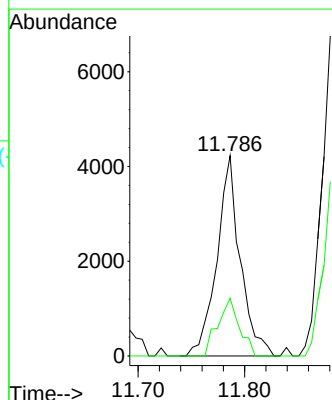
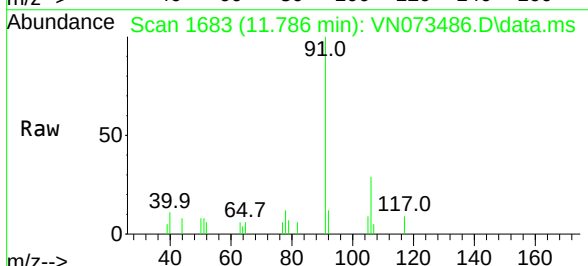
Acq: 15 Jul 2022 15:25

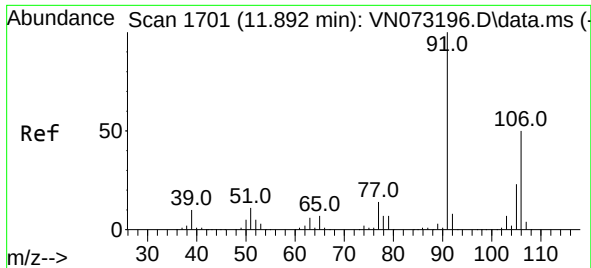
Tgt Ion: 91 Resp: 6417

Ion Ratio Lower Upper

91 100

106 28.8 24.9 37.3

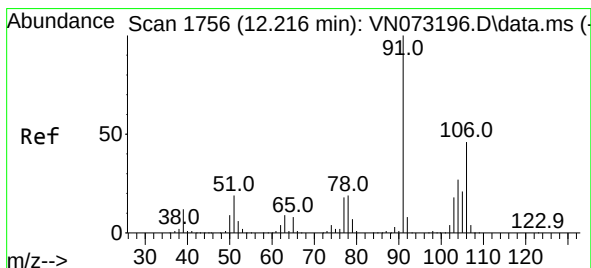
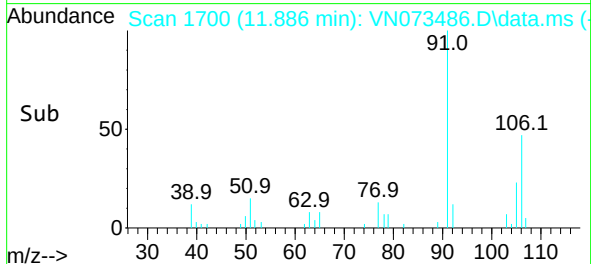
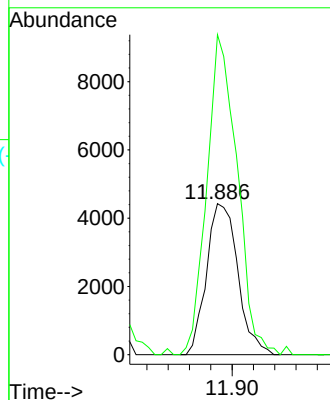
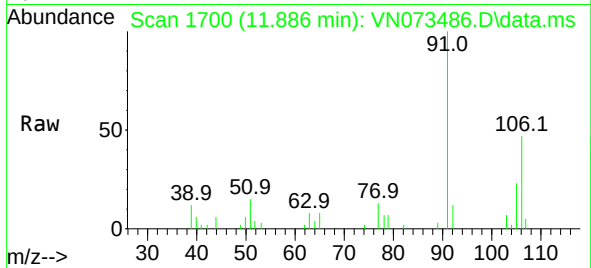




#68
m/p-Xylenes
Concen: 1.402 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073486.D
Acq: 15 Jul 2022 15:25

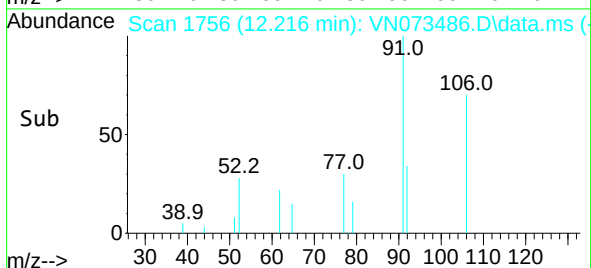
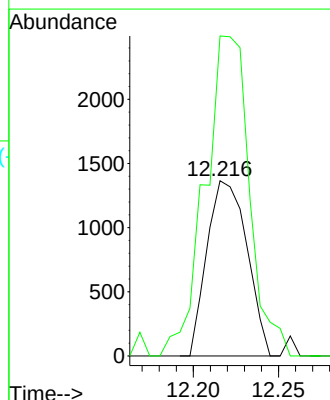
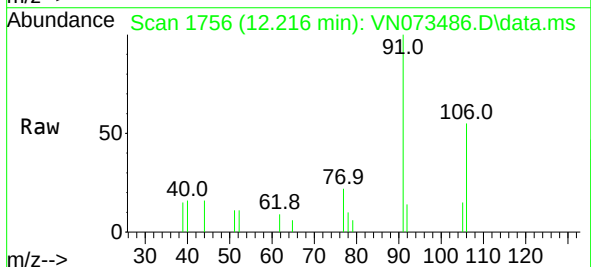
Instrument :
MSVOA_N
ClientSampleId :
TW-SEPTIC

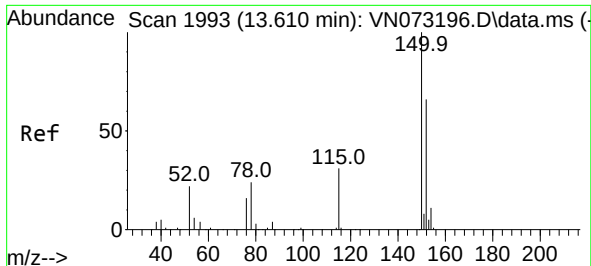
Tgt Ion:106 Resp: 9035
Ion Ratio Lower Upper
106 100
91 205.4 158.9 238.3



#69
o-Xylene
Concen: 0.338 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073486.D
Acq: 15 Jul 2022 15:25

Tgt Ion:106 Resp: 2223
Ion Ratio Lower Upper
106 100
91 203.8 106.0 318.0

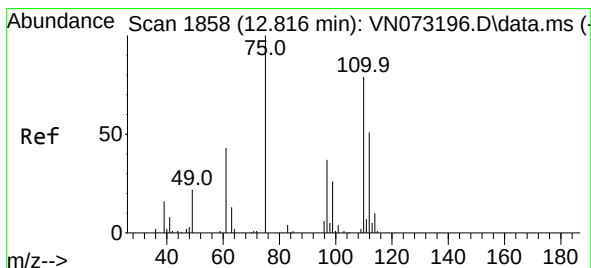
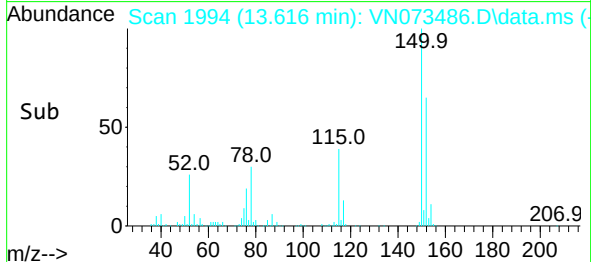
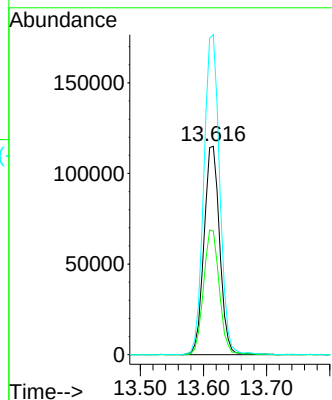
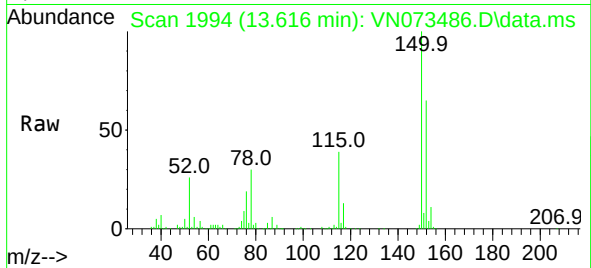




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073486.D
Acq: 15 Jul 2022 15:25

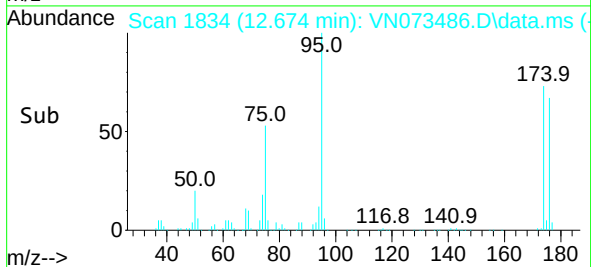
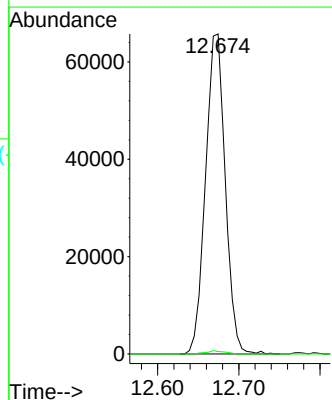
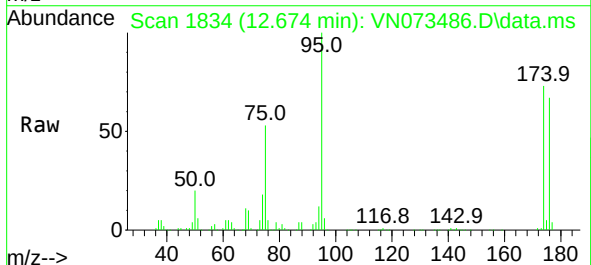
Instrument :
MSVOA_N
ClientSampleId :
TW-SEPTIC

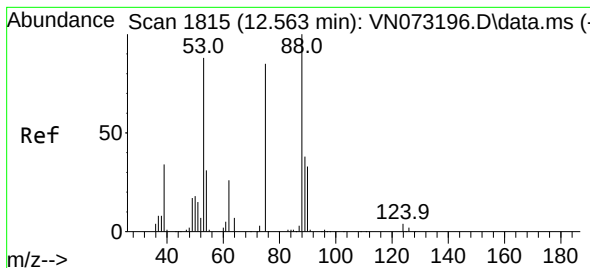
Tgt Ion:152 Resp: 198453
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.7
150 155.7 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 21.390 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.142 min
Lab File: VN073486.D
Acq: 15 Jul 2022 15:25

Tgt Ion: 75 Resp: 110997
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#

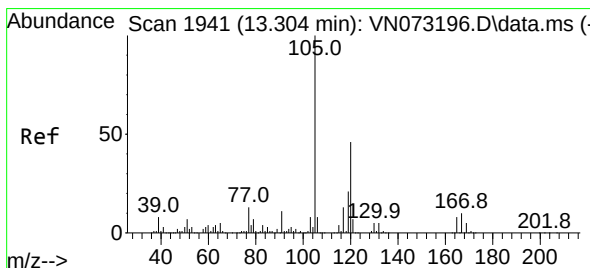
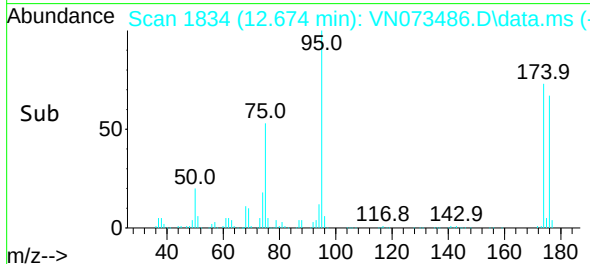
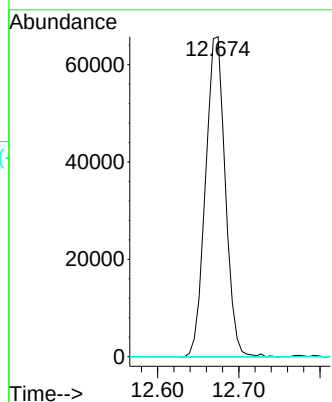
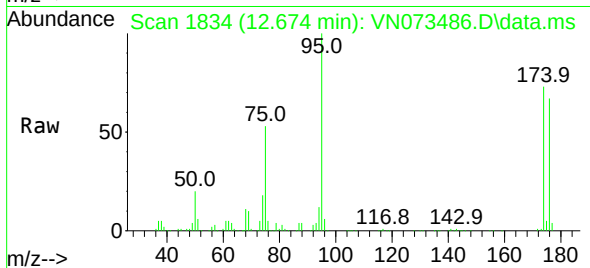




#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.662 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. 0.111 min
 Lab File: VN073486.D
 Acq: 15 Jul 2022 15:25

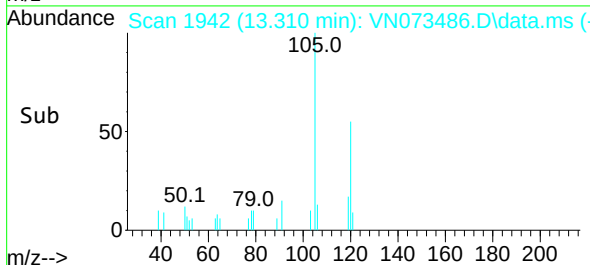
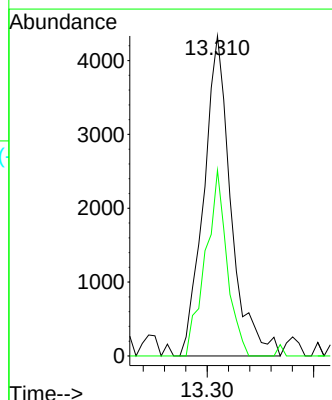
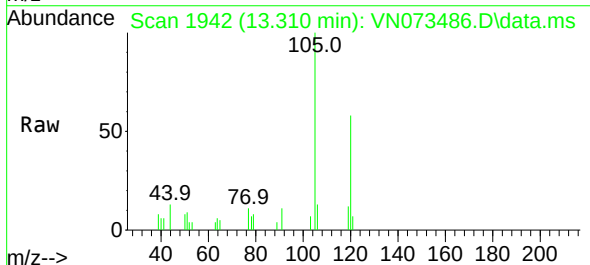
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-SEPTIC

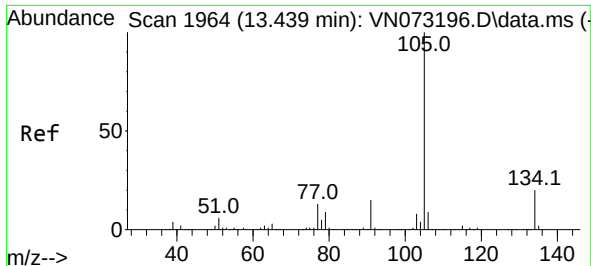
Tgt Ion: 75 Resp: 110997
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.552 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. 0.006 min
 Lab File: VN073486.D
 Acq: 15 Jul 2022 15:25

Tgt Ion: 105 Resp: 7698
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.3 69.8

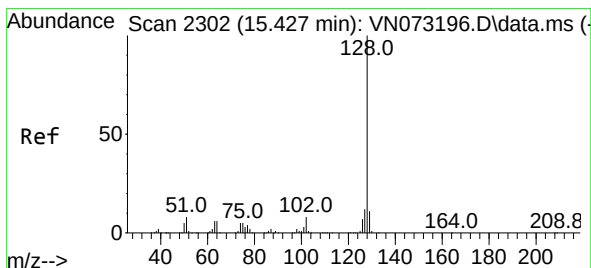
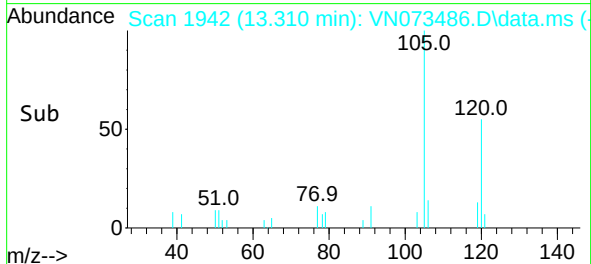
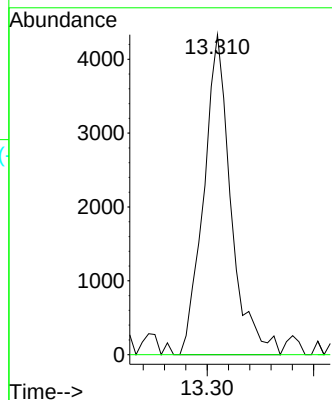
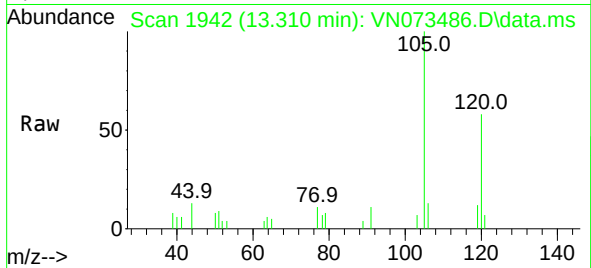




#85
 sec-Butylbenzene
 Concen: 0.458 ug/l
 RT: 13.310 min Scan# 1964
 Delta R.T. -0.129 min
 Lab File: VN073486.D
 Acq: 15 Jul 2022 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-SEPTIC

Tgt Ion:105 Resp: 7698
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#95
 Naphthalene
 Concen: 1.494 ug/l
 RT: 15.433 min Scan# 2303
 Delta R.T. 0.006 min
 Lab File: VN073486.D
 Acq: 15 Jul 2022 15:25

Tgt Ion:128 Resp: 22846
 Ion Ratio Lower Upper
 128 100
 127 14.2 10.3 15.5
 129 9.6 8.6 13.0

