

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074066.D
 Acq On : 23 Aug 2022 14:22
 Operator : JC\MD
 Sample : N4276-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-001-SEWER-OUTLET-001

Quant Time: Aug 24 01:21:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

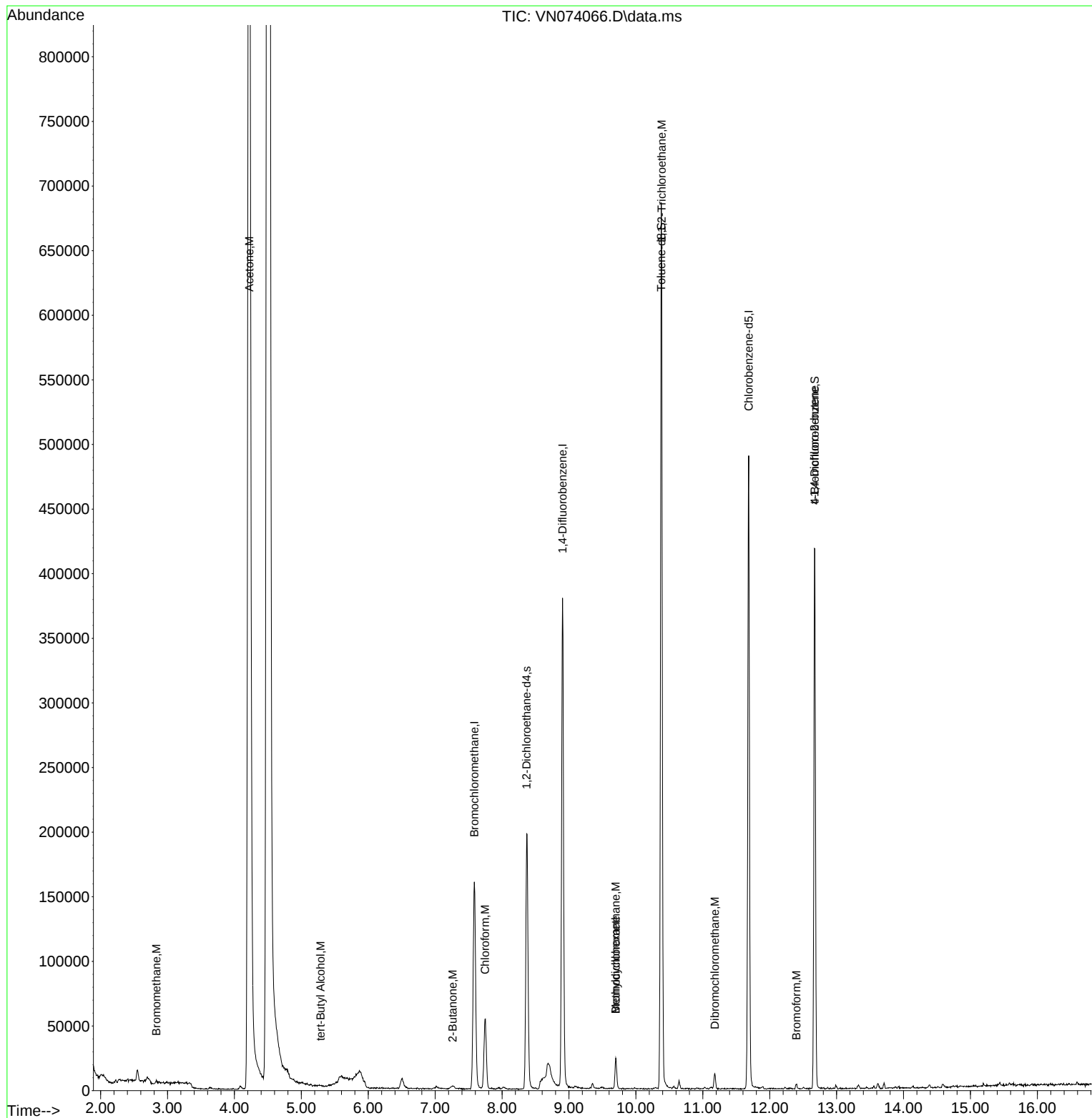
Internal Standards						
1) Bromochloromethane	7.586	128	65903	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	348163	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	299671	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	166483	29.217	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.400%
60) 4-Bromofluorobenzene	12.674	95	142840	26.920	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.733%
63) Toluene-d8	10.380	98	491761	29.143	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.133%
Target Compounds						
					Qvalue	
5) Bromomethane	2.834	94	983	0.266	ug/l #	46
15) Acetone	4.222	58	822729	914.452	ug/l	85
23) tert-Butyl Alcohol	5.287	59	268	0.234	ug/l #	100
25) Chloroform	7.745	83	56677	6.215	ug/l	99
30) 2-Butanone	7.263	43	4648	1.034	ug/l #	64
38) Methylcyclohexane	9.698	83	16083	1.992	ug/l #	21
41) Bromodichloromethane	9.698	83	16083	2.280	ug/l #	97
50) 1,1,2-Trichloroethane	10.386	97	15784	2.919	ug/l #	1
53) Dibromochloromethane	11.180	129	7213	1.316	ug/l	99
56) Bromoform	12.398	173	1868	0.434	ug/l #	58
77) t-1,4-Dichloro-2-butene	12.668	75	69019	29.825	ug/l #	8

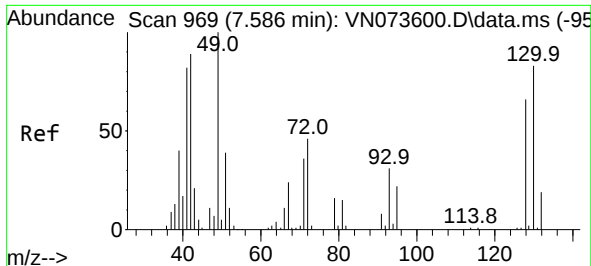
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
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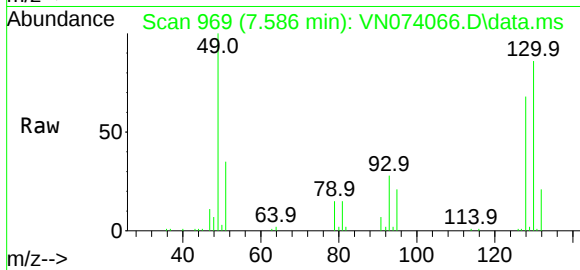
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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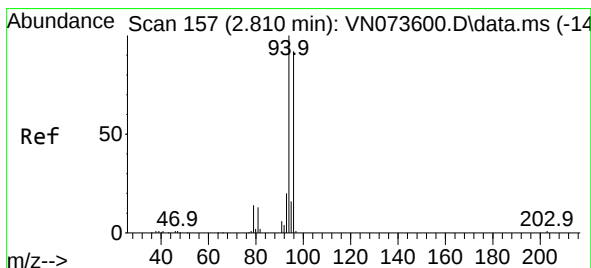
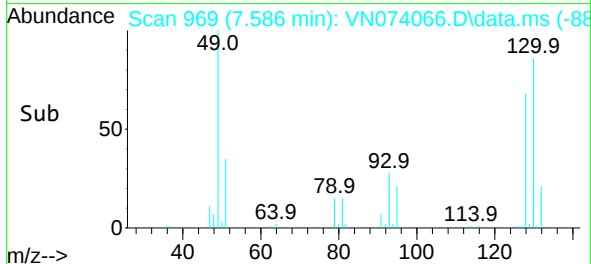
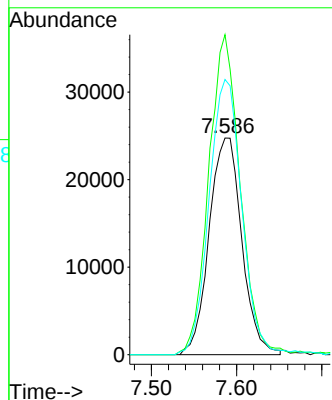


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.000 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

Instrument :
MSVOA_N
ClientSampleId :
DSN-001-SEWER-OUTLET-001

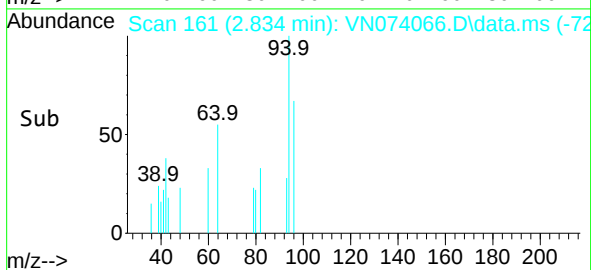
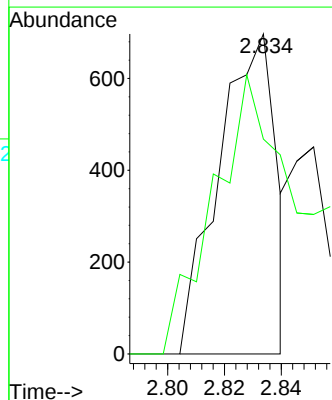
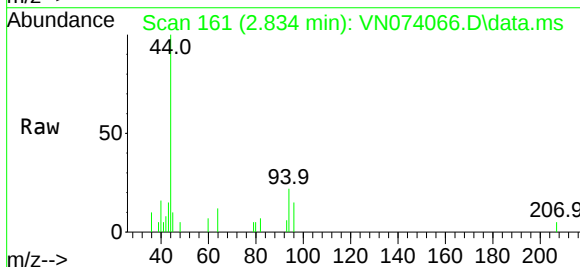


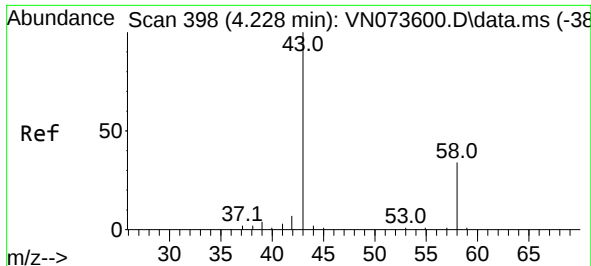
Tgt Ion:128 Resp: 65903
Ion Ratio Lower Upper
128 100
49 141.1 0.0 392.3
130 126.9 0.0 320.2



#5
Bromomethane
Concen: 0.266 ug/l
RT: 2.834 min Scan# 161
Delta R.T. 0.023 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

Tgt Ion: 94 Resp: 983
Ion Ratio Lower Upper
94 100
96 42.3 75.2 112.8#

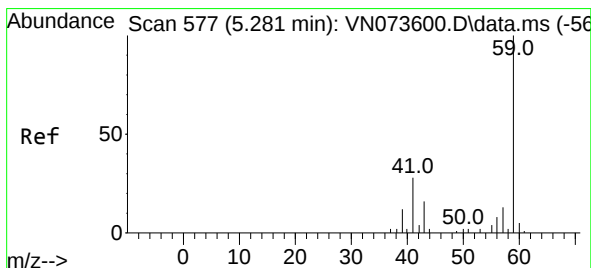
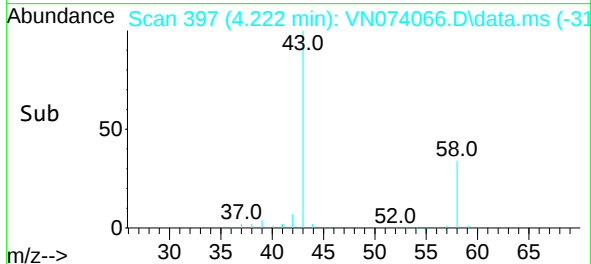
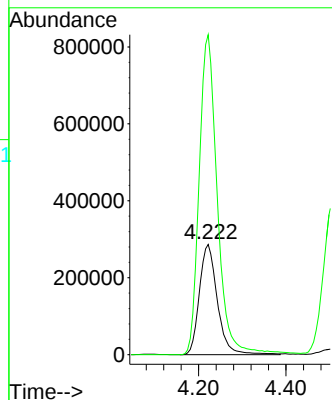
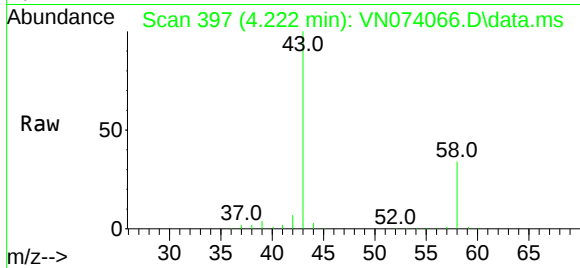




#15
Acetone
Concen: 914.452 ug/l
RT: 4.222 min Scan# 398
Delta R.T. -0.006 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

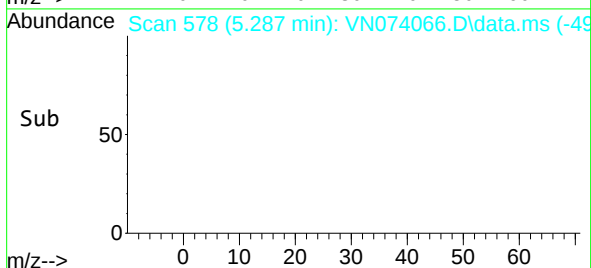
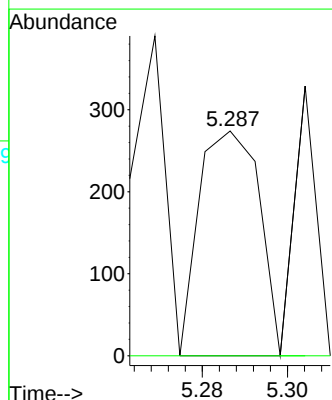
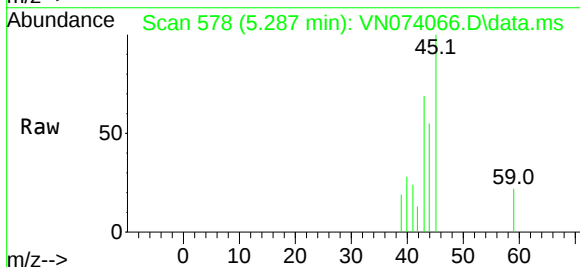
Instrument : MSVOA_N
ClientSampleId : DSN-001-SEWER-OUTLET-001

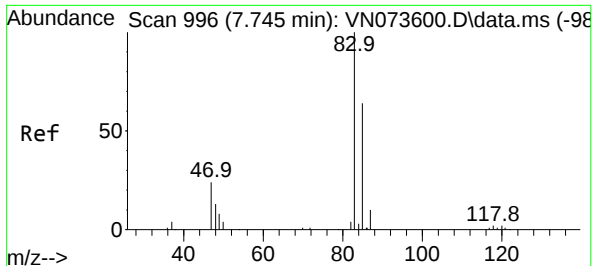
Tgt Ion: 58 Resp: 822729
Ion Ratio Lower Upper
58 100
43 290.1 256.6 384.8



#23
tert-Butyl Alcohol
Concen: 0.234 ug/l
RT: 5.287 min Scan# 578
Delta R.T. 0.006 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

Tgt Ion: 59 Resp: 268
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

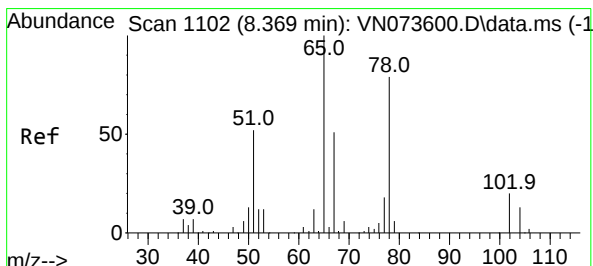
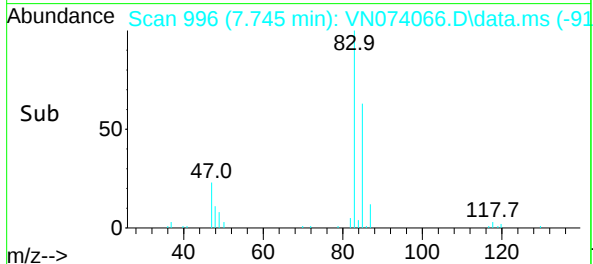
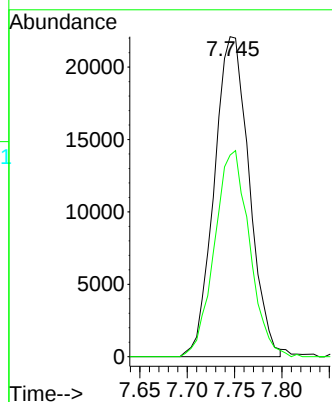
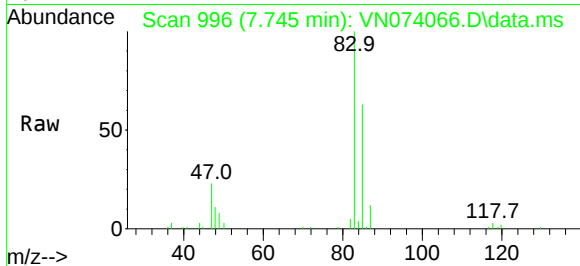




#25
Chloroform
Concen: 6.215 ug/l
RT: 7.745 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

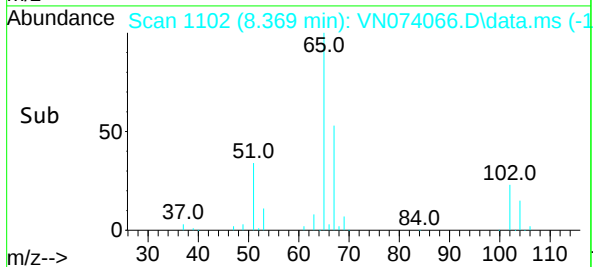
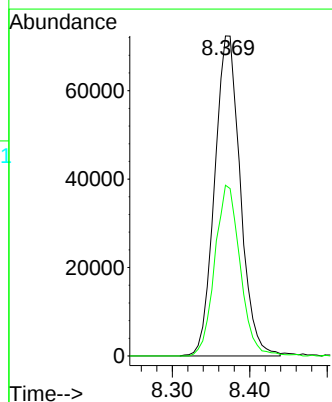
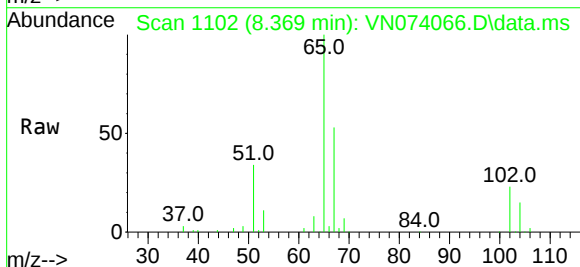
Instrument :
MSVOA_N
ClientSampleId :
DSN-001-SEWER-OUTLET-001

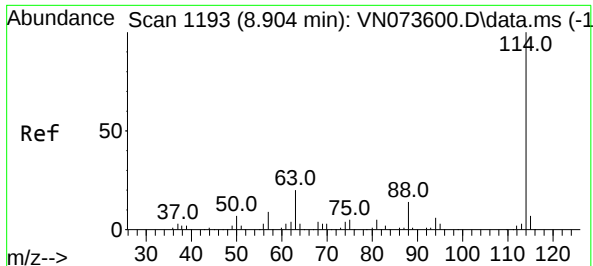
Tgt Ion: 83 Resp: 56677
Ion Ratio Lower Upper
83 100
85 63.0 51.3 76.9



#27
1,2-Dichloroethane-d4
Concen: 29.217 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

Tgt Ion: 65 Resp: 166483
Ion Ratio Lower Upper
65 100
67 52.8 40.2 60.2

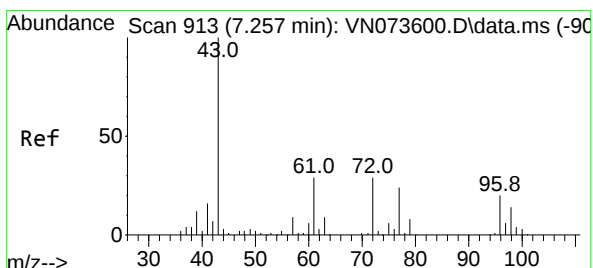
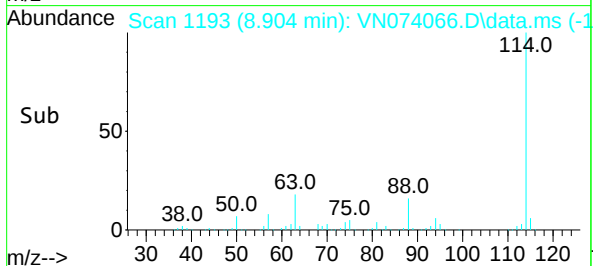
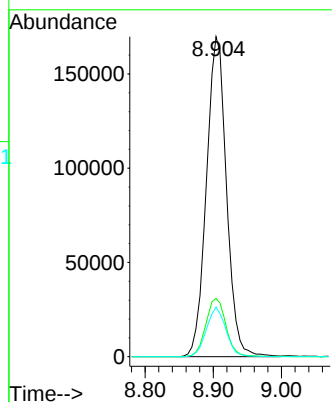
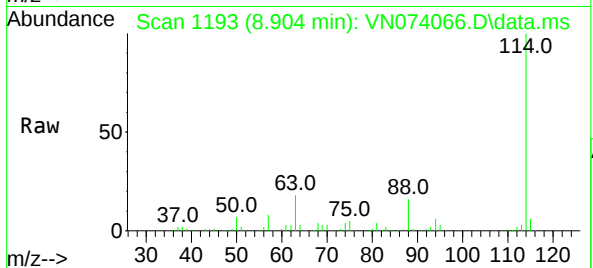




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

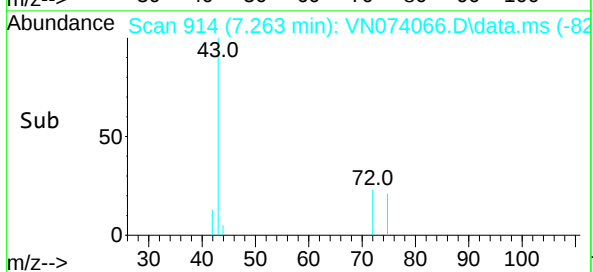
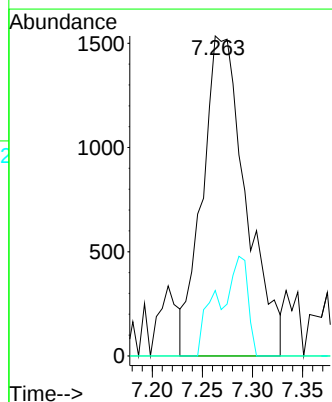
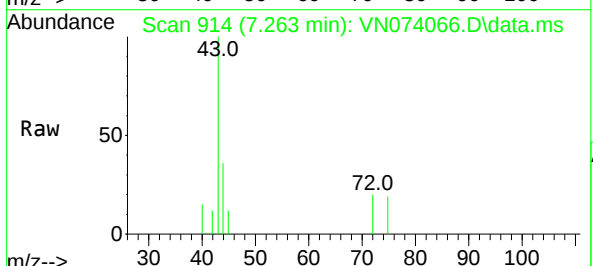
Instrument : MSVOA_N
ClientSampleId : DSN-001-SEWER-OUTLET-001

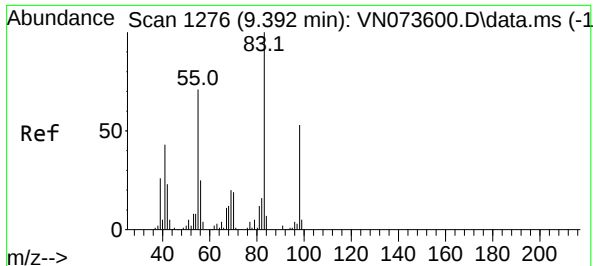
Tgt Ion:114 Resp: 348163
Ion Ratio Lower Upper
114 100
63 18.2 15.8 23.6
88 15.0 11.6 17.4



#30
2-Butanone
Concen: 1.034 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

Tgt Ion: 43 Resp: 4648
Ion Ratio Lower Upper
43 100
57 0.0 6.7 10.1#
72 7.7 23.2 34.8#

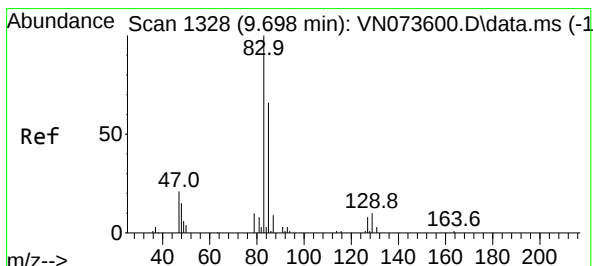
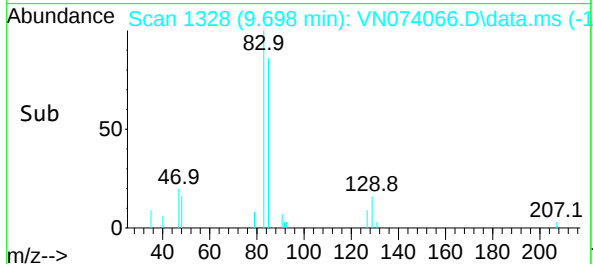
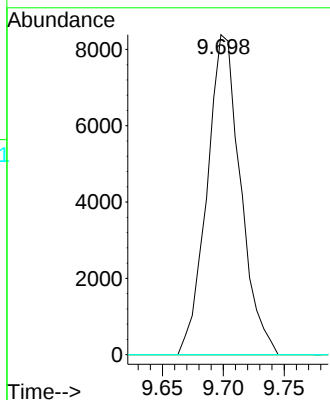
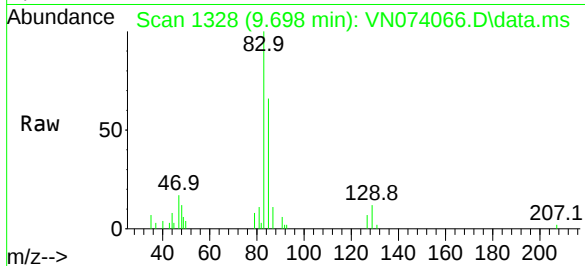




#38
Methylcyclohexane
Concen: 1.992 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.306 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

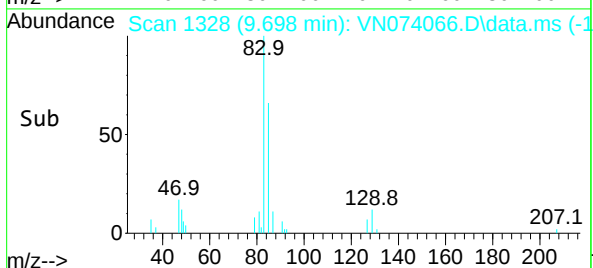
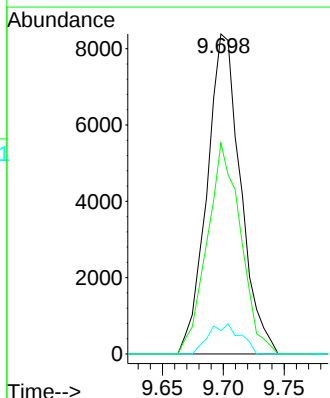
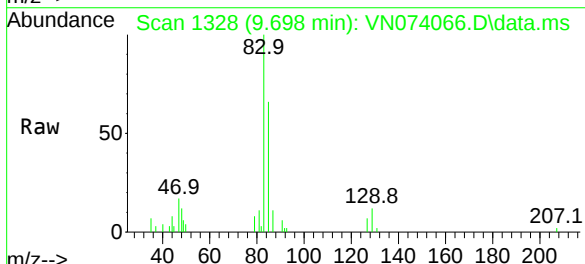
Instrument :
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ClientSampleId :
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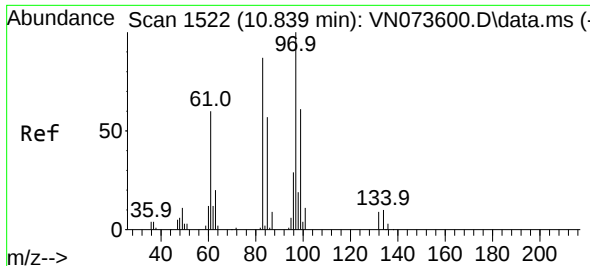
Tgt Ion: 83 Resp: 16083
Ion Ratio Lower Upper
83 100
55 0.0 35.1 105.3#
98 0.0 23.4 70.2#



#41
Bromodichloromethane
Concen: 2.280 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

Tgt Ion: 83 Resp: 16083
Ion Ratio Lower Upper
83 100
85 65.9 54.1 81.1
127 7.3 7.6 11.4#

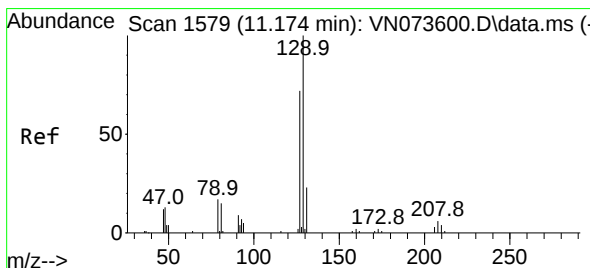
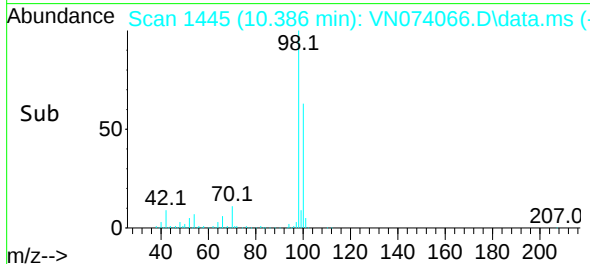
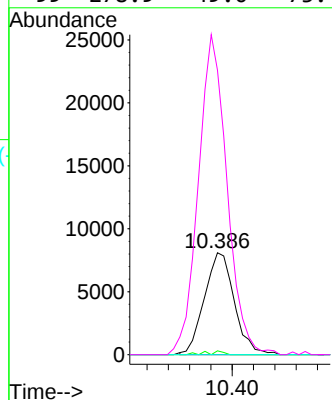
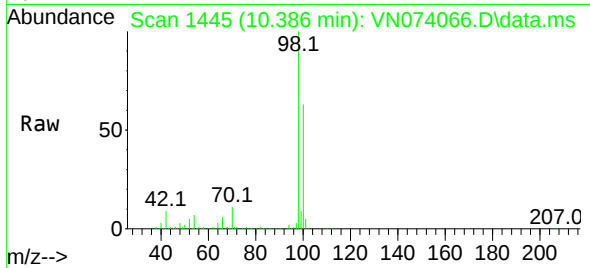




#50
1,1,2-Trichloroethane
Concen: 2.919 ug/l
RT: 10.386 min Scan# 14
Delta R.T. -0.453 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

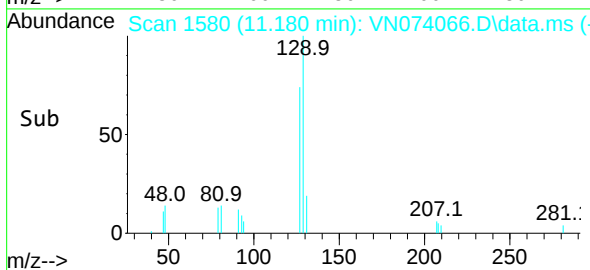
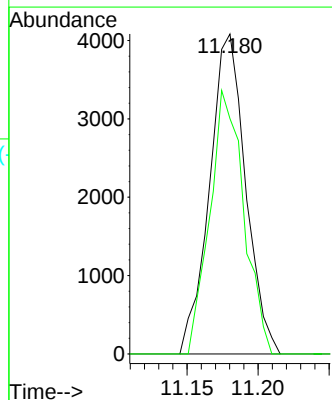
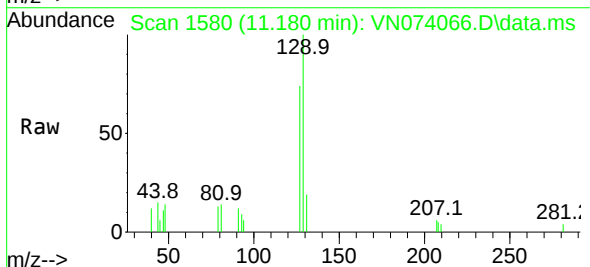
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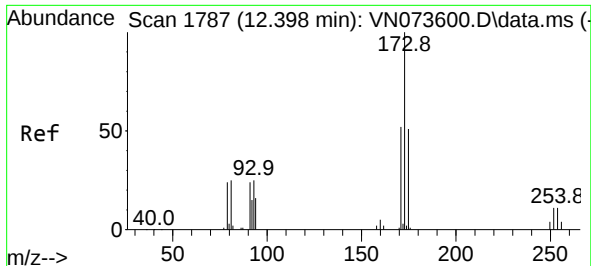
Tgt Ion:	97	Resp:	15784
Ion	Ratio	Lower	Upper
97	100		
83	3.8	67.2	100.8#
85	0.0	43.0	64.4#
99	278.9	49.0	73.4#



#53
Dibromochloromethane
Concen: 1.316 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.006 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

Tgt Ion:	129	Resp:	7213
Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.0	117.0

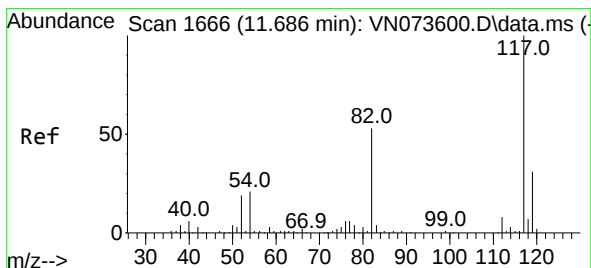
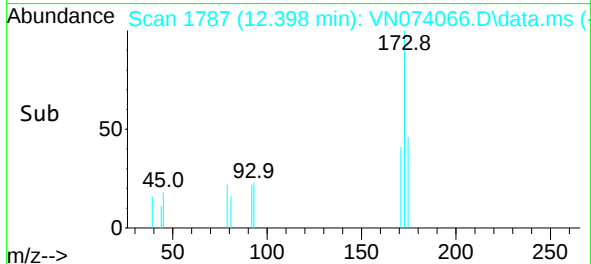
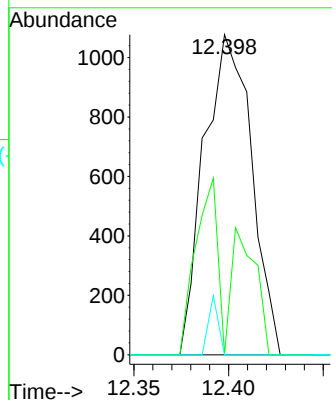
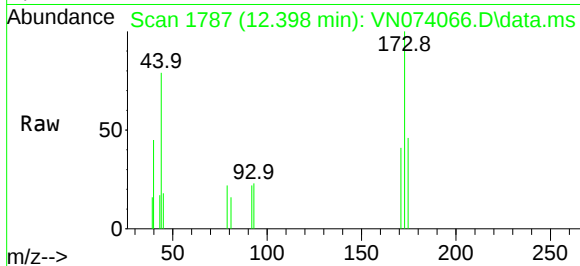




#56
Bromoform
Concen: 0.434 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

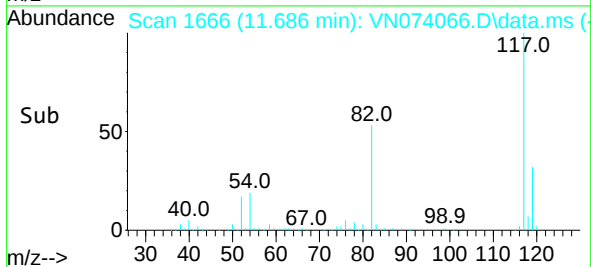
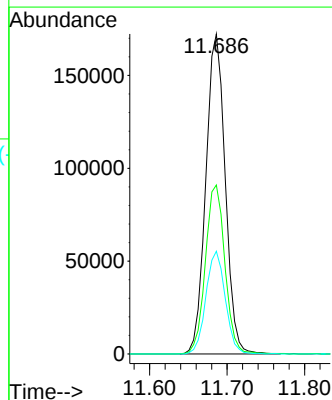
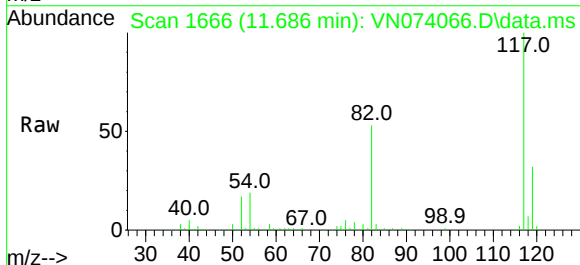
Instrument :
MSVOA_N
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DSN-001-SEWER-OUTLET-001

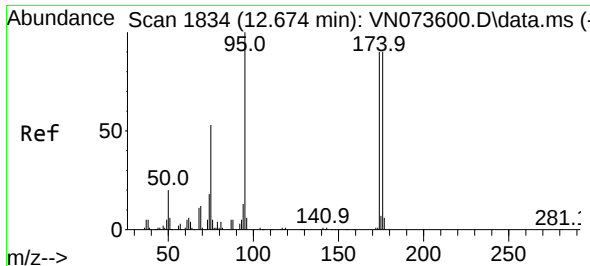
Tgt Ion:173 Resp: 1868
Ion Ratio Lower Upper
173 100
175 20.1 38.6 58.0#
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

Tgt Ion:117 Resp: 299671
Ion Ratio Lower Upper
117 100
82 52.9 43.6 65.4
119 32.0 25.8 38.6

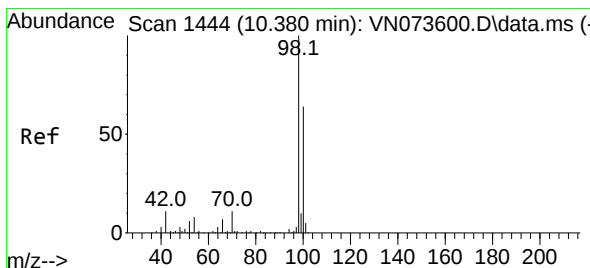
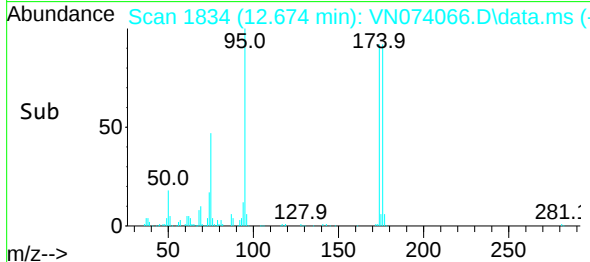
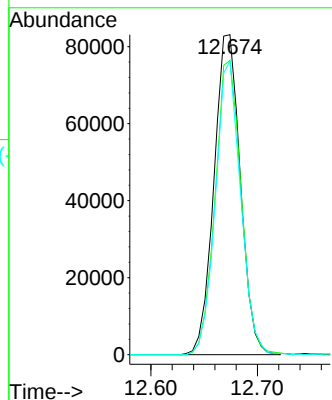
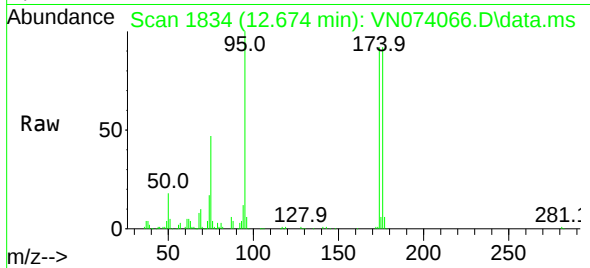




#60
4-Bromofluorobenzene
Concen: 26.920 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

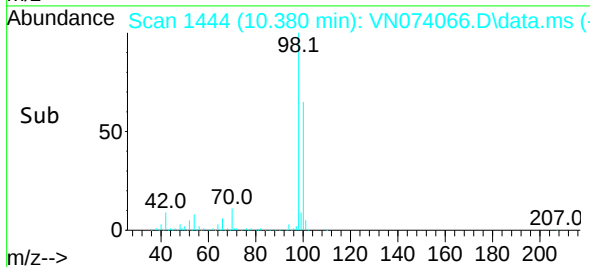
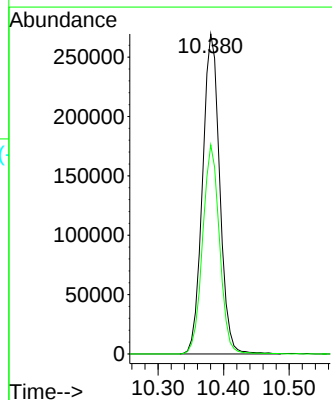
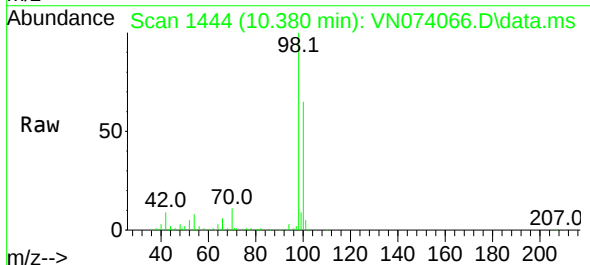
Instrument : MSVOA_N
ClientSampleId : DSN-001-SEWER-OUTLET-001

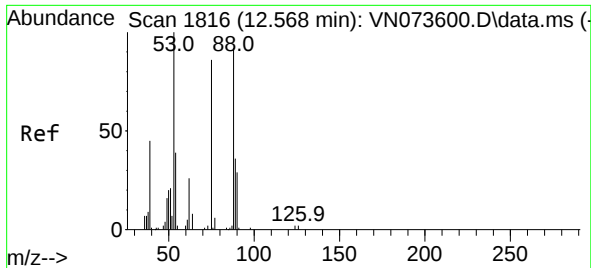
Tgt Ion: 95 Resp: 142840
Ion Ratio Lower Upper
95 100
174 90.8 62.9 94.3
176 87.5 61.0 91.4



#63
Toluene-d8
Concen: 29.143 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074066.D
Acq: 23 Aug 2022 14:22

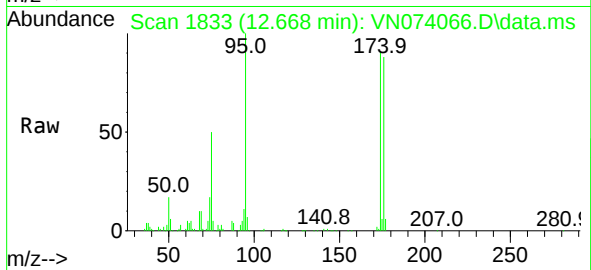
Tgt Ion: 98 Resp: 491761
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0





#77
 t-1,4-Dichloro-2-butene
 Concen: 29.825 ug/l
 RT: 12.668 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VN074066.D
 Acq: 23 Aug 2022 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-001-SEWER-OUTLET-001



Tgt Ion: 75 Resp: 69019
 Ion Ratio Lower Upper
 75 100
 53 0.0 51.8 155.5#
 89 0.0 22.9 68.7#

