

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053122\
 Data File : VN072653.D
 Acq On : 31 May 2022 15:28
 Operator : JC\MD
 Sample : N3029-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002

Quant Time: Jun 01 02:41:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
 Response via : Initial Calibration

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

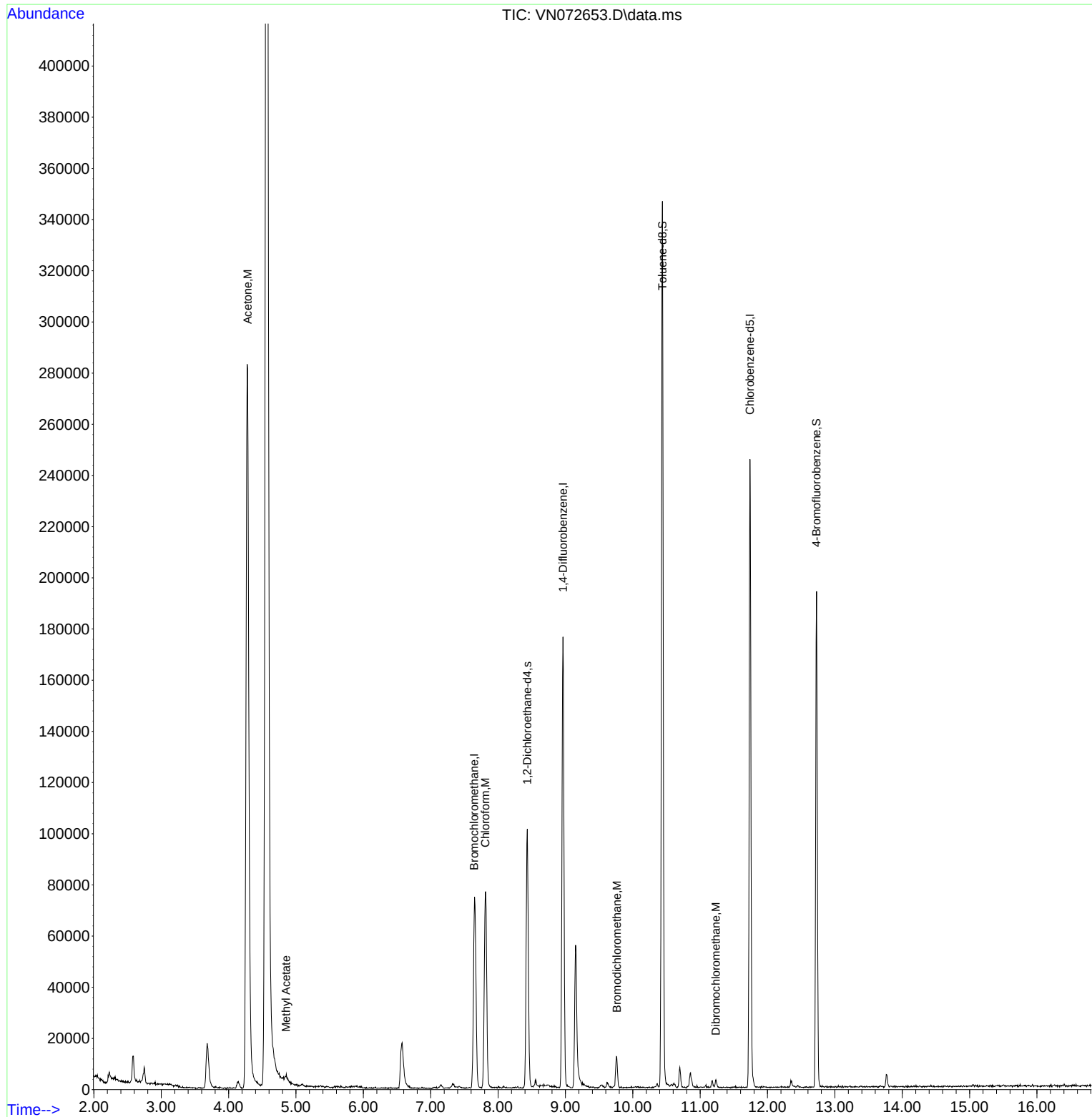
Internal Standards						
1) Bromochloromethane	7.645	128	12566	30.000	ug/l	#-0.01
28) 1,4-Difluorobenzene	8.963	114	153704	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	143016	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	81768	68.003	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	226.667%#
60) 4-Bromofluorobenzene	12.727	95	65742	26.175	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.267%
63) Toluene-d8	10.439	98	239057	29.398	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.000%
Target Compounds						
					Qvalue	
12) Methyl Acetate	4.851	43	4154	2.797	ug/l	# 63
15) Acetone	4.281	58	155672	945.311	ug/l	89
25) Chloroform	7.810	83	78848	42.296	ug/l	100
41) Bromodichloromethane	9.763	83	9403	3.036	ug/l	86
53) Dibromochloromethane	11.233	129	1648	0.706	ug/l	88

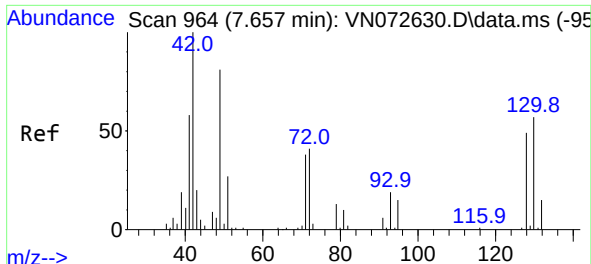
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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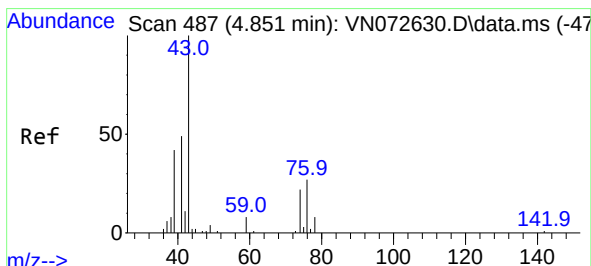
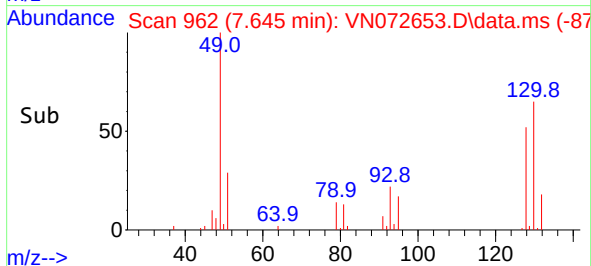
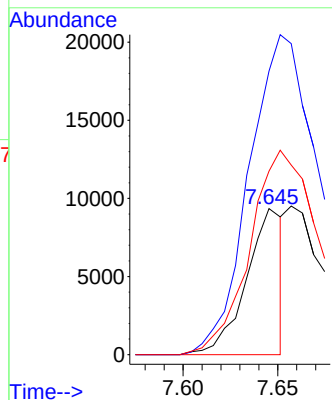
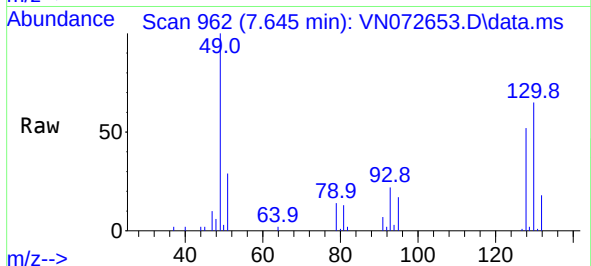




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.645 min Scan# 964
Delta R.T. -0.012 min
Lab File: VN072653.D
Acq: 31 May 2022 15:28

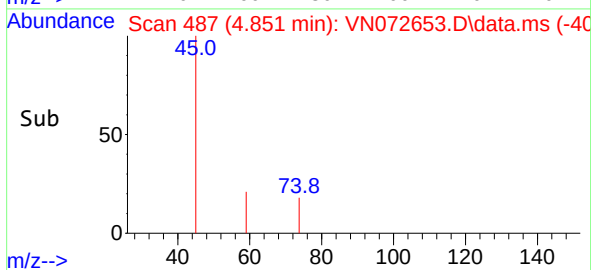
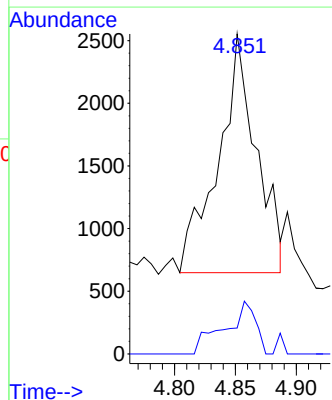
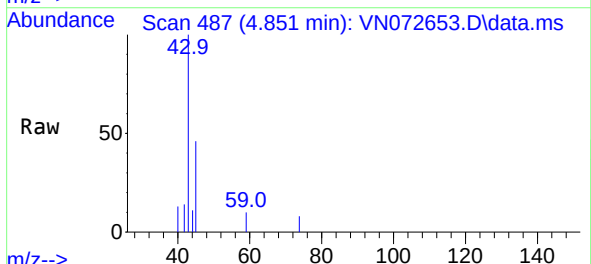
Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002

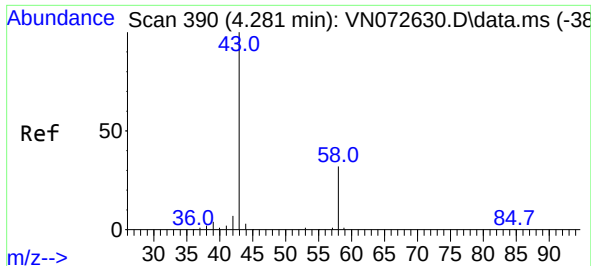
Tgt Ion:128 Resp: 12566
Ion Ratio Lower Upper
128 100
49 414.3 0.0 392.3#
130 267.3 0.0 320.2



#12
Methyl Acetate
Concen: 2.797 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072653.D
Acq: 31 May 2022 15:28

Tgt Ion: 43 Resp: 4154
Ion Ratio Lower Upper
43 100
74 7.0 20.8 31.2#

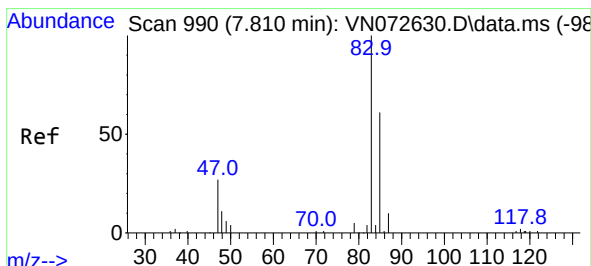
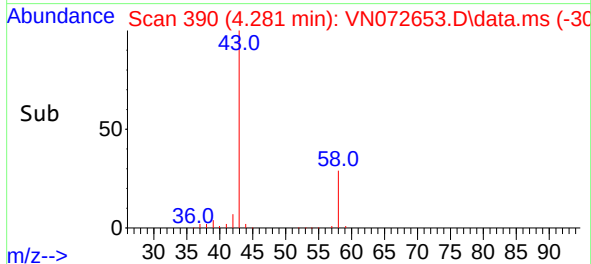
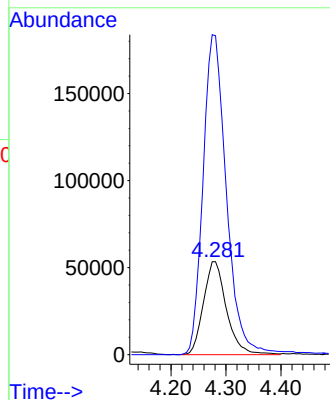
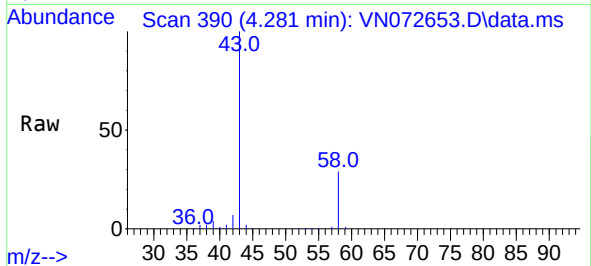




#15
Acetone
Concen: 945.311 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072653.D
Acq: 31 May 2022 15:28

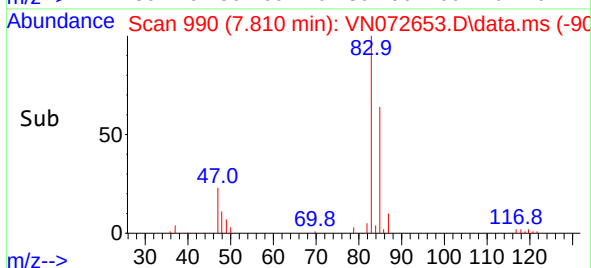
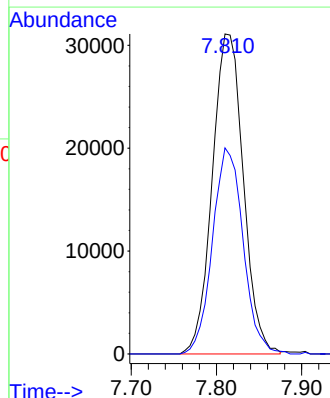
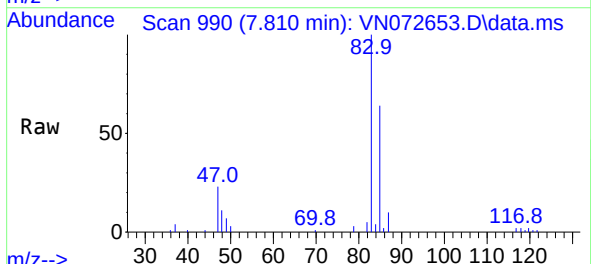
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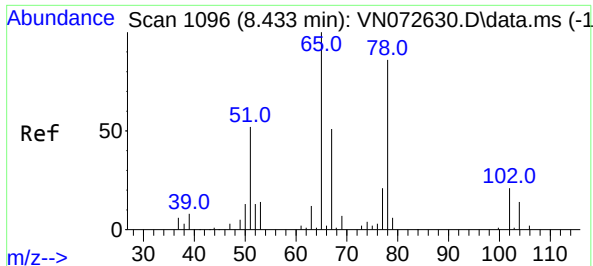
Tgt Ion: 58 Resp: 155672
Ion Ratio Lower Upper
58 100
43 343.0 256.6 384.8



#25
Chloroform
Concen: 42.296 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072653.D
Acq: 31 May 2022 15:28

Tgt Ion: 83 Resp: 78848
Ion Ratio Lower Upper
83 100
85 64.4 51.3 76.9

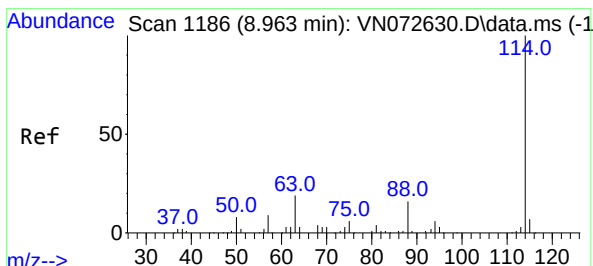
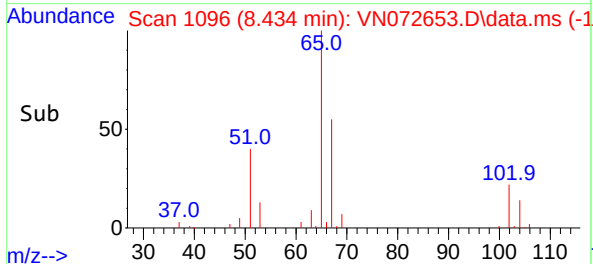
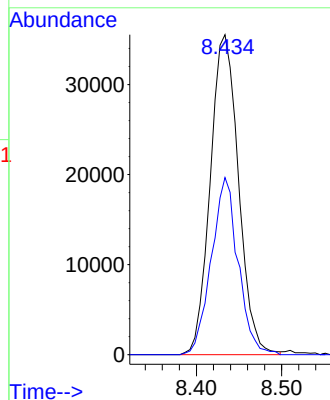
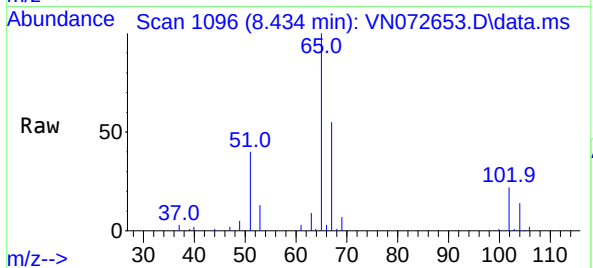




#27
1,2-Dichloroethane-d4
Concen: 68.003 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072653.D
Acq: 31 May 2022 15:28

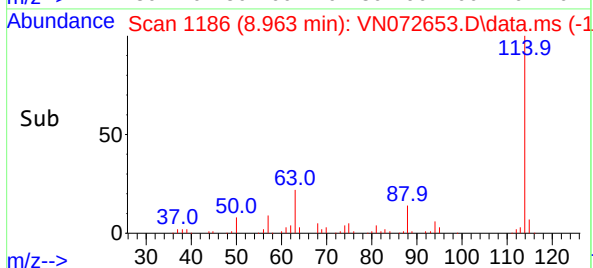
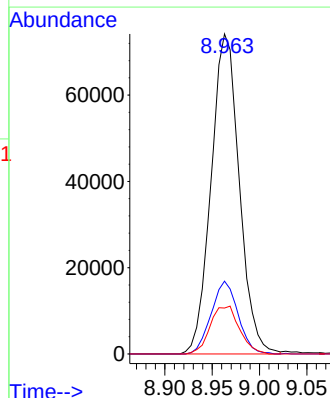
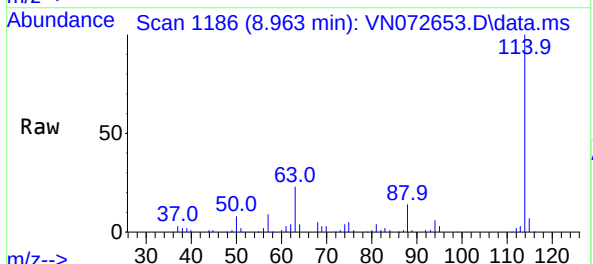
Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002

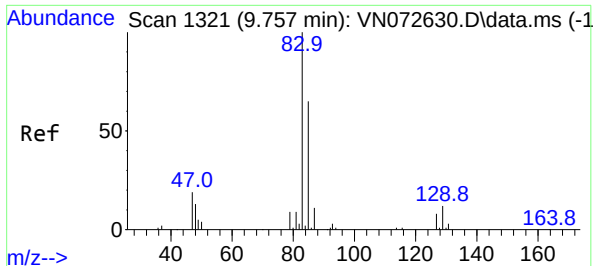
Tgt Ion: 65 Resp: 81768
Ion Ratio Lower Upper
65 100
67 52.5 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072653.D
Acq: 31 May 2022 15:28

Tgt Ion: 114 Resp: 153704
Ion Ratio Lower Upper
114 100
63 21.7 15.8 23.6
88 15.5 11.6 17.4

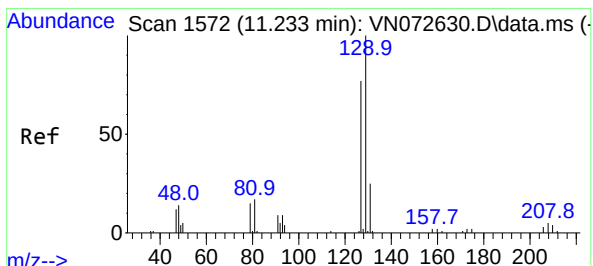
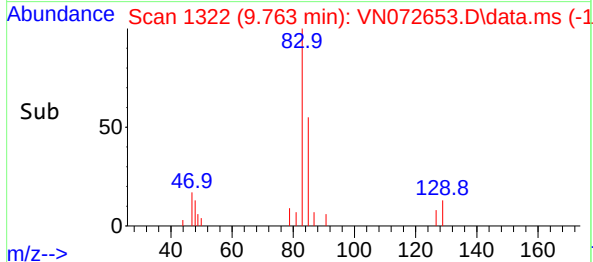
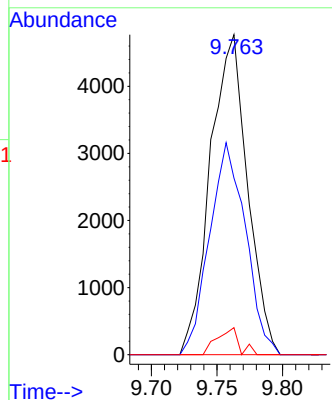
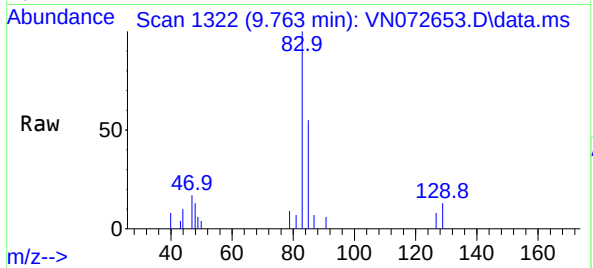




#41
Bromodichloromethane
Concen: 3.036 ug/l
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072653.D
Acq: 31 May 2022 15:28

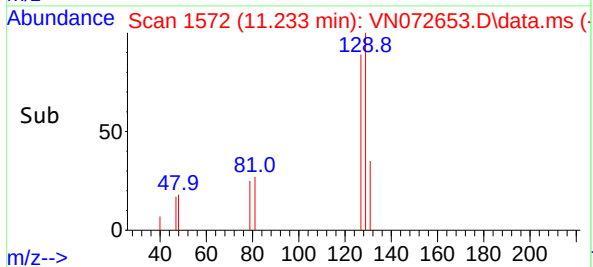
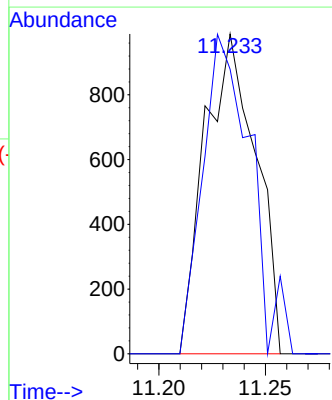
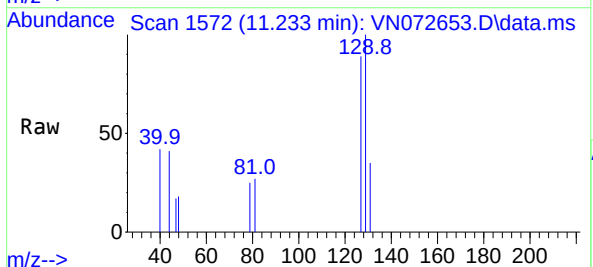
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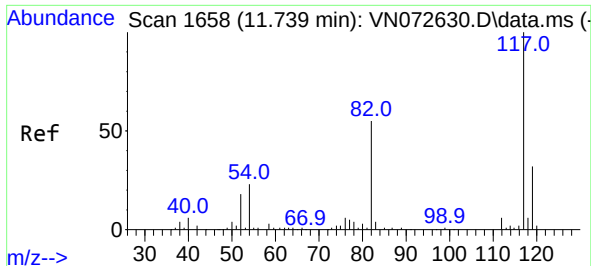
Tgt Ion: 83 Resp: 9403
Ion Ratio Lower Upper
83 100
85 55.2 54.1 81.1
127 8.5 7.6 11.4



#53
Dibromochloromethane
Concen: 0.706 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072653.D
Acq: 31 May 2022 15:28

Tgt Ion: 129 Resp: 1648
Ion Ratio Lower Upper
129 100
127 88.4 39.0 117.0

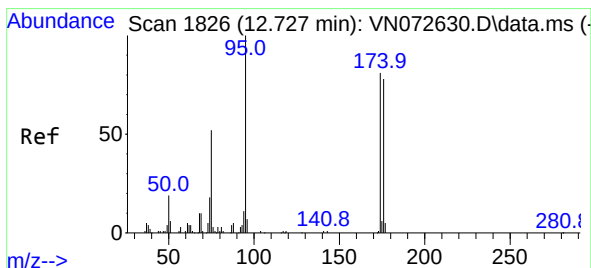
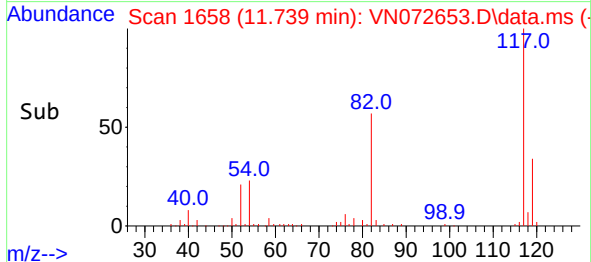
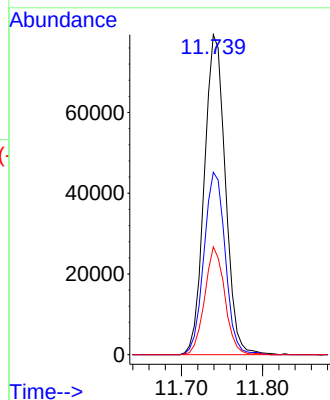
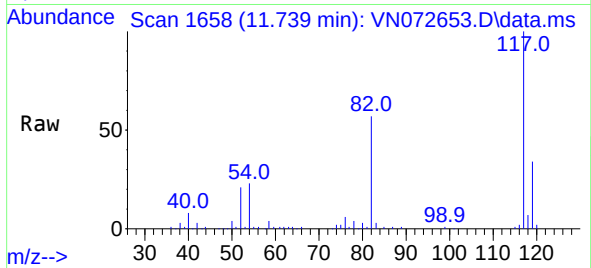




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN072653.D
Acq: 31 May 2022 15:28

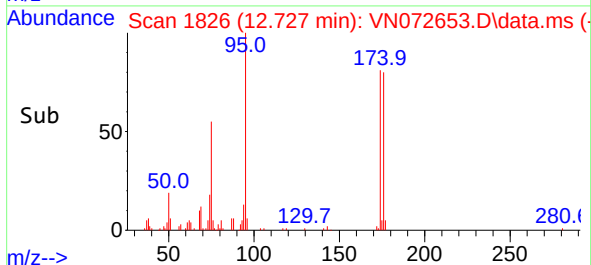
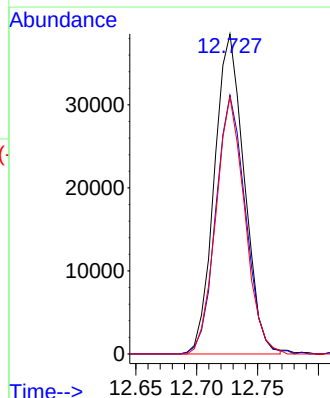
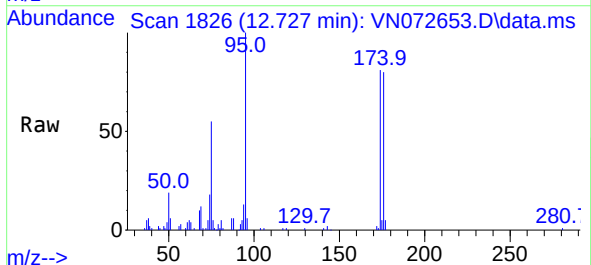
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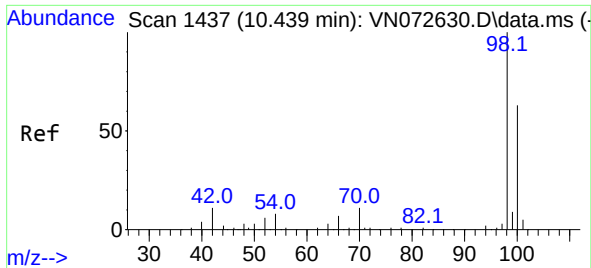
Tgt Ion:117 Resp: 143016
Ion Ratio Lower Upper
117 100
82 57.6 43.6 65.4
119 31.9 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 26.175 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072653.D
Acq: 31 May 2022 15:28

Tgt Ion: 95 Resp: 65742
Ion Ratio Lower Upper
95 100
174 80.4 62.9 94.3
176 77.9 61.0 91.4





#63
Toluene-d8
Concen: 29.398 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072653.D
Acq: 31 May 2022 15:28

Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002

Tgt Ion: 98 Resp: 239057
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0

