

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079063.D
 Acq On : 28 Aug 2023 13:32
 Operator : JC\MD
 Sample : 04092-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001

Quant Time: Aug 29 05:21:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

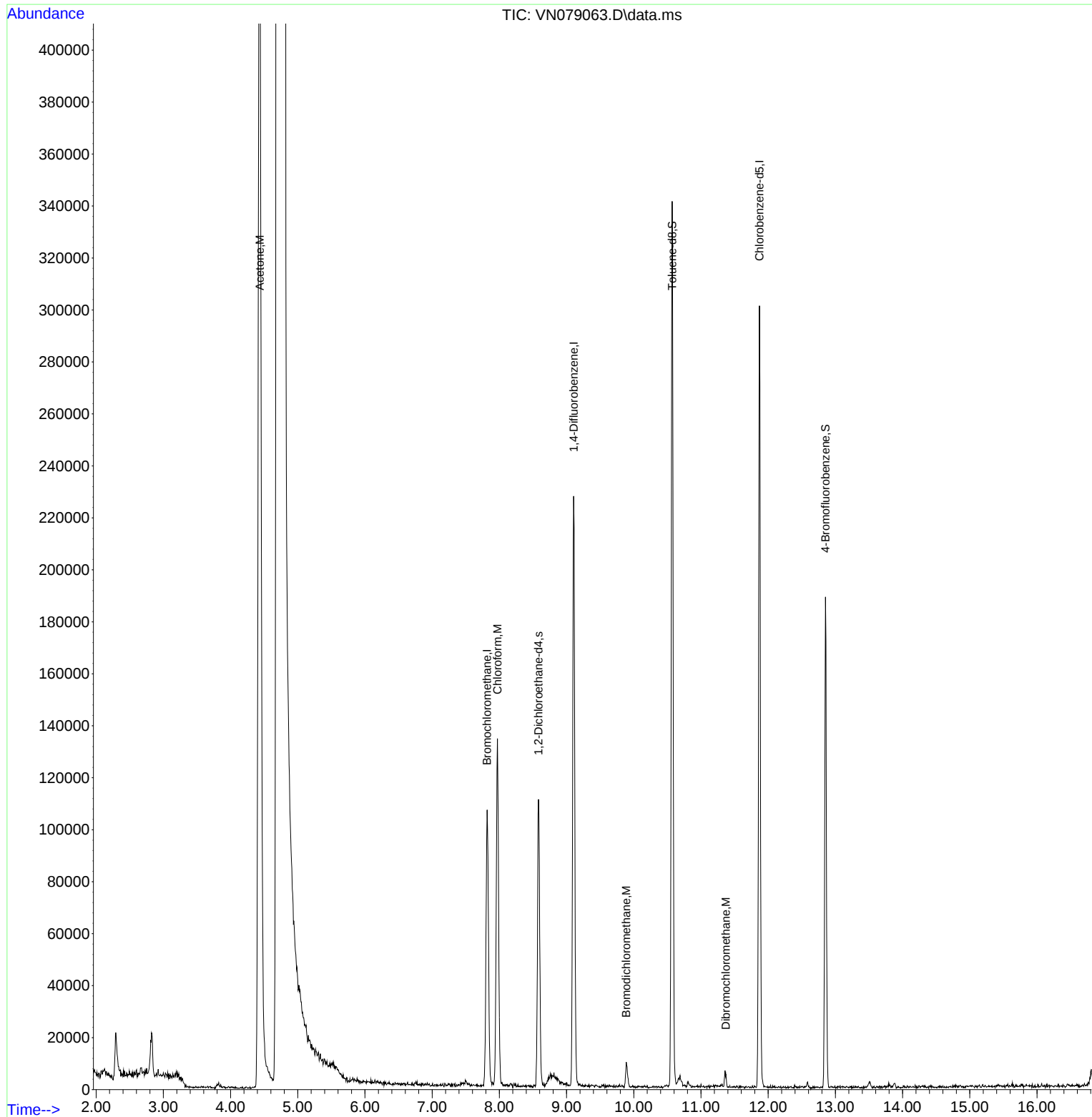
Internal Standards						
1) Bromochloromethane	7.818	128	36260	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	194043	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	167937	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	87704	29.856	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.533%
60) 4-Bromofluorobenzene	12.853	95	61337	25.038	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.467%
63) Toluene-d8	10.570	98	233109	29.724	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.067%
Target Compounds						
					Qvalue	
15) Acetone	4.436	58	282578	778.409	ug/l	94
25) Chloroform	7.971	83	124410	29.064	ug/l	98
41) Bromodichloromethane	9.888	83	6531	2.033	ug/l	96
53) Dibromochloromethane	11.370	129	3017	1.277	ug/l	87

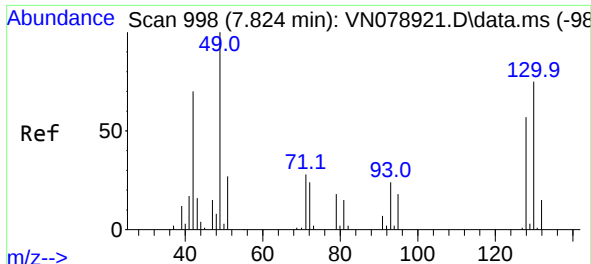
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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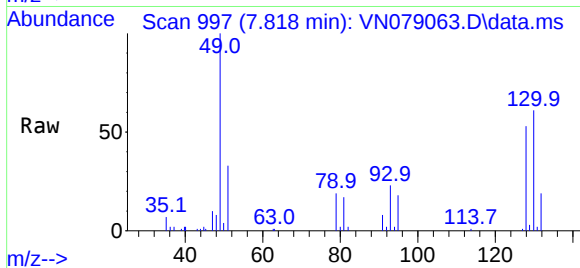
Quant Time: Aug 29 05:21:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
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QLast Update : Fri Aug 18 05:21:14 2023
Response via : Initial Calibration



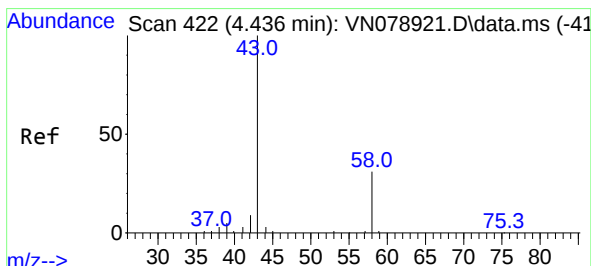
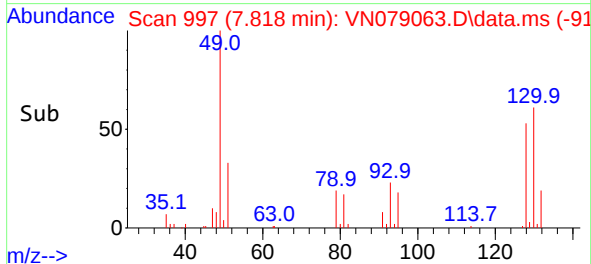
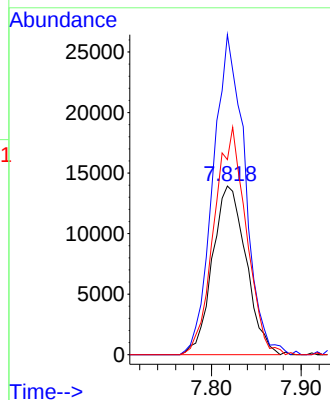


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN079063.D
Acq: 28 Aug 2023 13:32

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

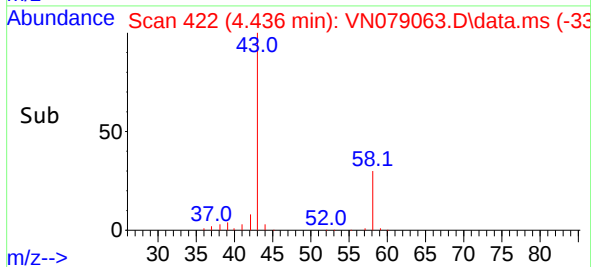
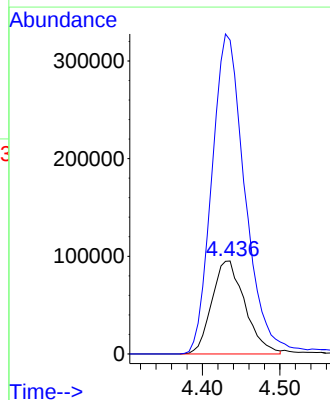
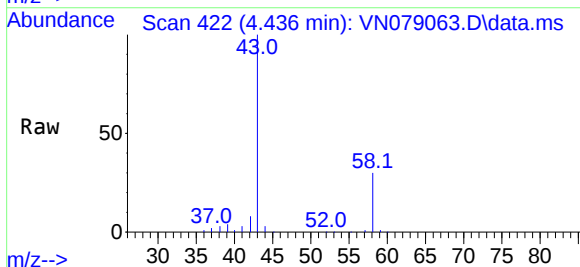


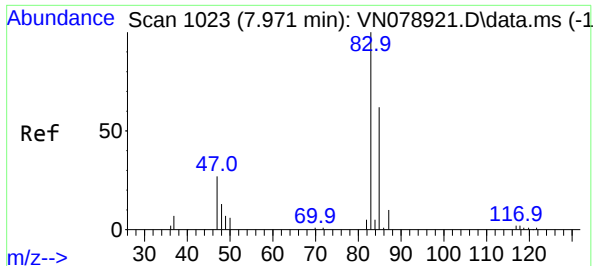
Tgt Ion:128 Resp: 36260
Ion Ratio Lower Upper
128 100
49 178.0 0.0 481.8
130 127.9 0.0 320.5



#15
Acetone
Concen: 778.409 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.000 min
Lab File: VN079063.D
Acq: 28 Aug 2023 13:32

Tgt Ion: 58 Resp: 282578
Ion Ratio Lower Upper
58 100
43 337.3 260.6 390.8

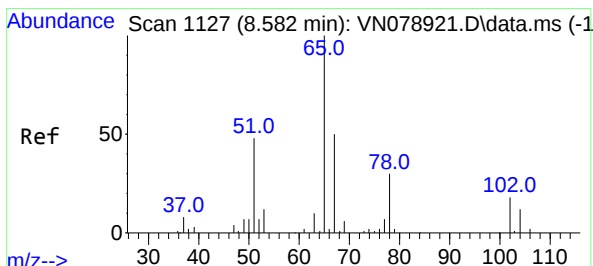
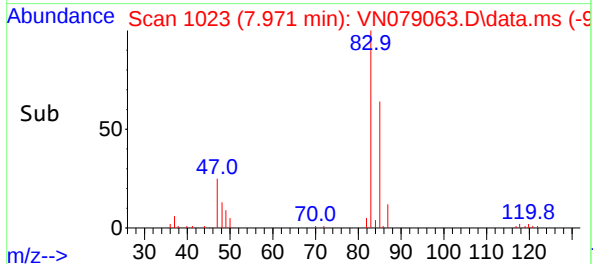
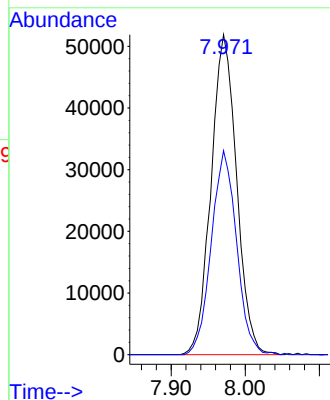
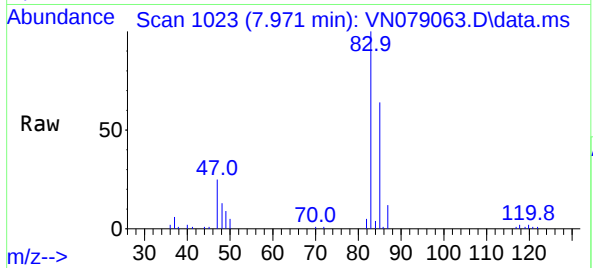




#25
Chloroform
Concen: 29.064 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079063.D
Acq: 28 Aug 2023 13:32

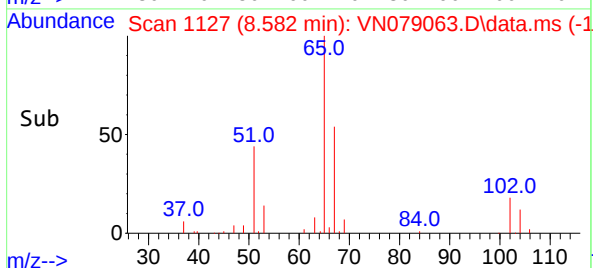
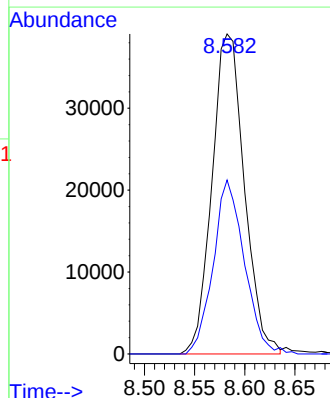
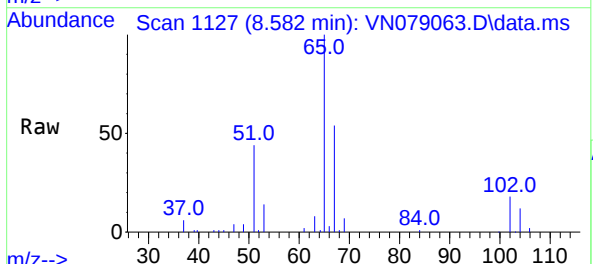
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

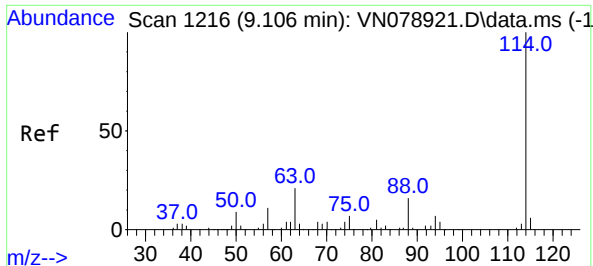
Tgt Ion: 83 Resp: 124410
Ion Ratio Lower Upper
83 100
85 63.7 49.6 74.4



#27
1,2-Dichloroethane-d4
Concen: 29.856 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079063.D
Acq: 28 Aug 2023 13:32

Tgt Ion: 65 Resp: 87704
Ion Ratio Lower Upper
65 100
67 52.3 40.7 61.1

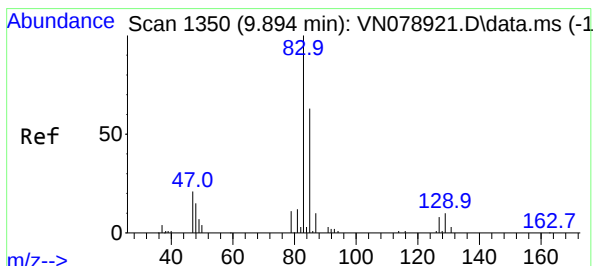
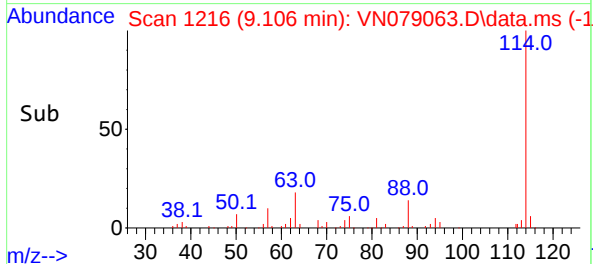
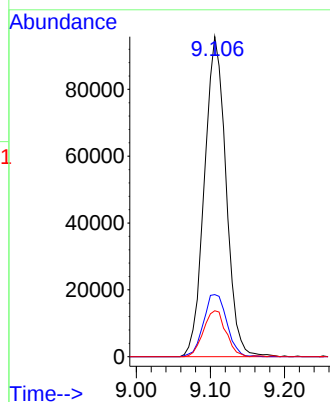
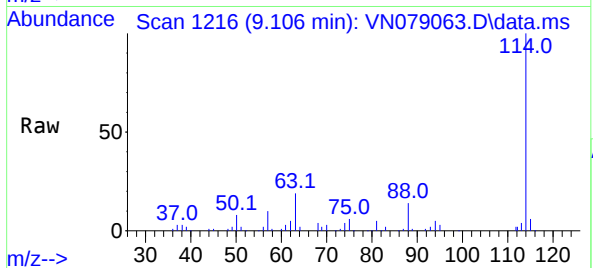




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079063.D
Acq: 28 Aug 2023 13:32

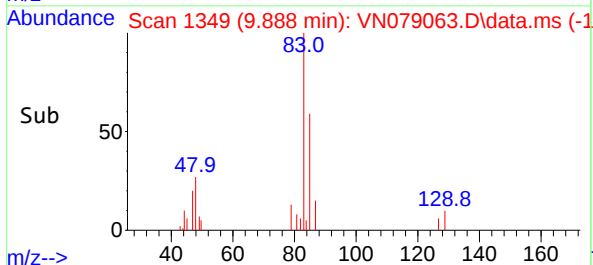
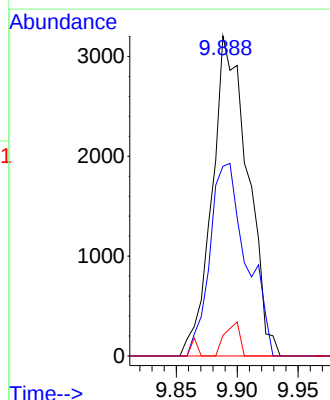
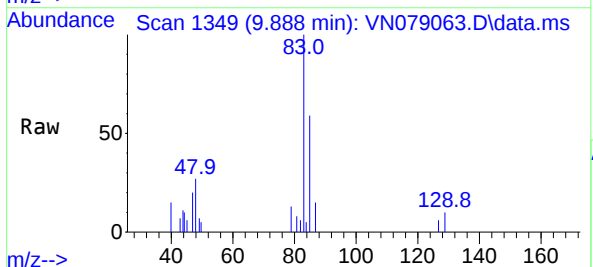
Instrument :
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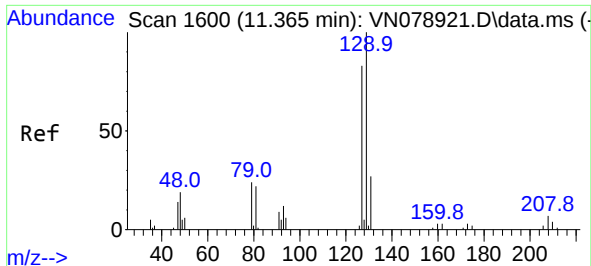
Tgt Ion:114 Resp: 194043
Ion Ratio Lower Upper
114 100
63 20.9 17.4 26.2
88 14.9 12.0 18.0



#41
Bromodichloromethane
Concen: 2.033 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079063.D
Acq: 28 Aug 2023 13:32

Tgt Ion: 83 Resp: 6531
Ion Ratio Lower Upper
83 100
85 59.3 50.2 75.2
127 6.5 6.2 9.4

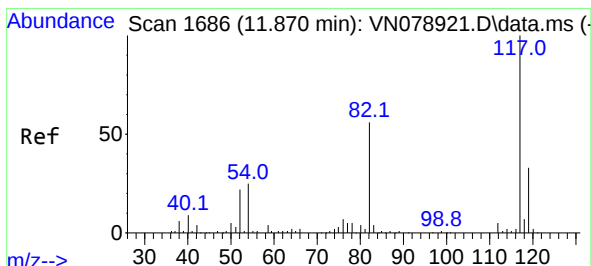
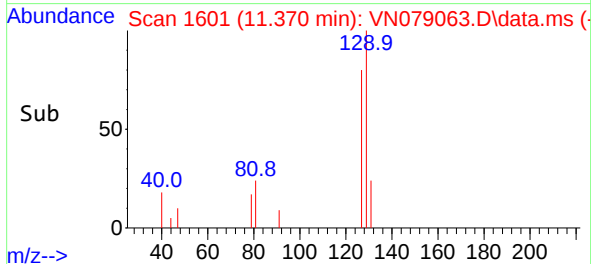
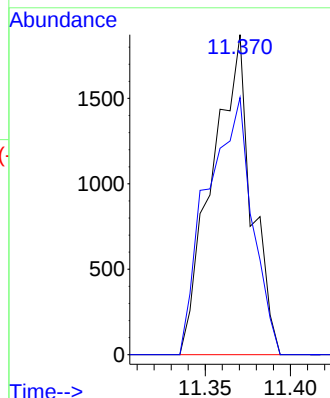
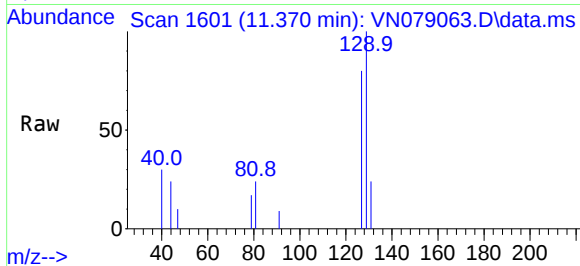




#53
Dibromochloromethane
Concen: 1.277 ug/l
RT: 11.370 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN079063.D
Acq: 28 Aug 2023 13:32

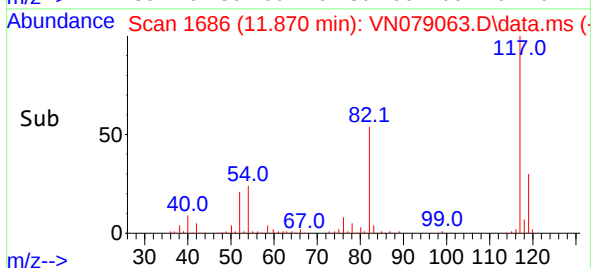
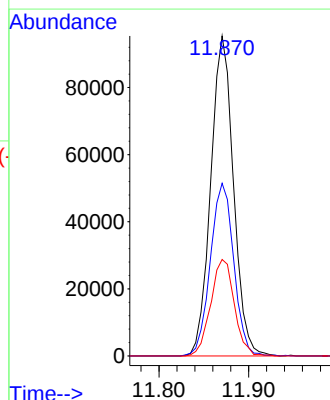
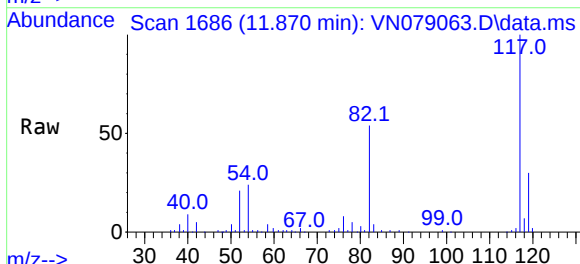
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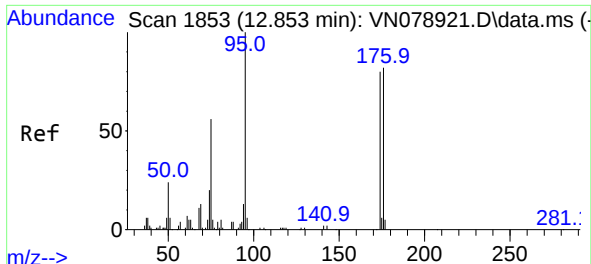
Tgt Ion:129 Resp: 3017
Ion Ratio Lower Upper
129 100
127 91.8 40.1 120.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079063.D
Acq: 28 Aug 2023 13:32

Tgt Ion:117 Resp: 167937
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 31.2 25.5 38.3

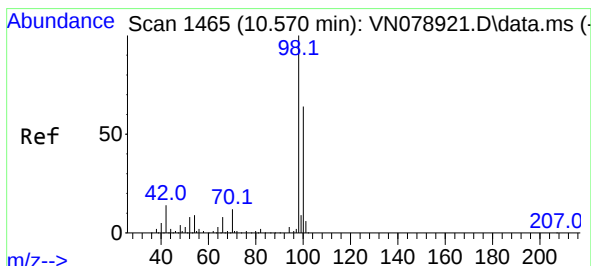
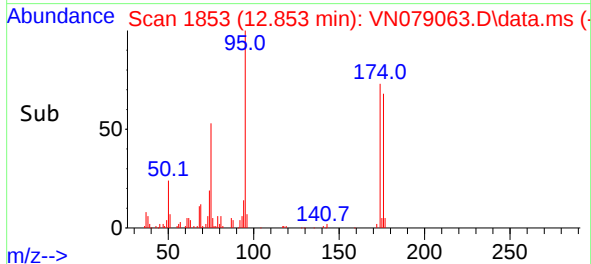
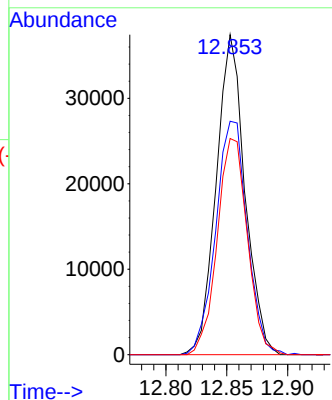
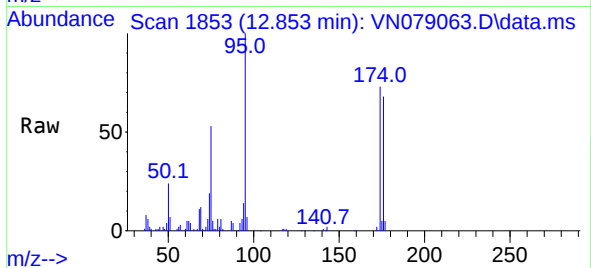




#60
4-Bromofluorobenzene
Concen: 25.038 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079063.D
Acq: 28 Aug 2023 13:32

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Tgt Ion: 95 Resp: 61337
Ion Ratio Lower Upper
95 100
174 80.2 64.8 97.2
176 71.0 63.0 94.6



#63
Toluene-d8
Concen: 29.724 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079063.D
Acq: 28 Aug 2023 13:32

Tgt Ion: 98 Resp: 233109
Ion Ratio Lower Upper
98 100
100 63.0 51.1 76.7

