

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
 Data File : VN079630.D
 Acq On : 20 Oct 2023 16:05
 Operator : JC\MD
 Sample : 05000-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-002

Quant Time: Oct 20 23:50:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

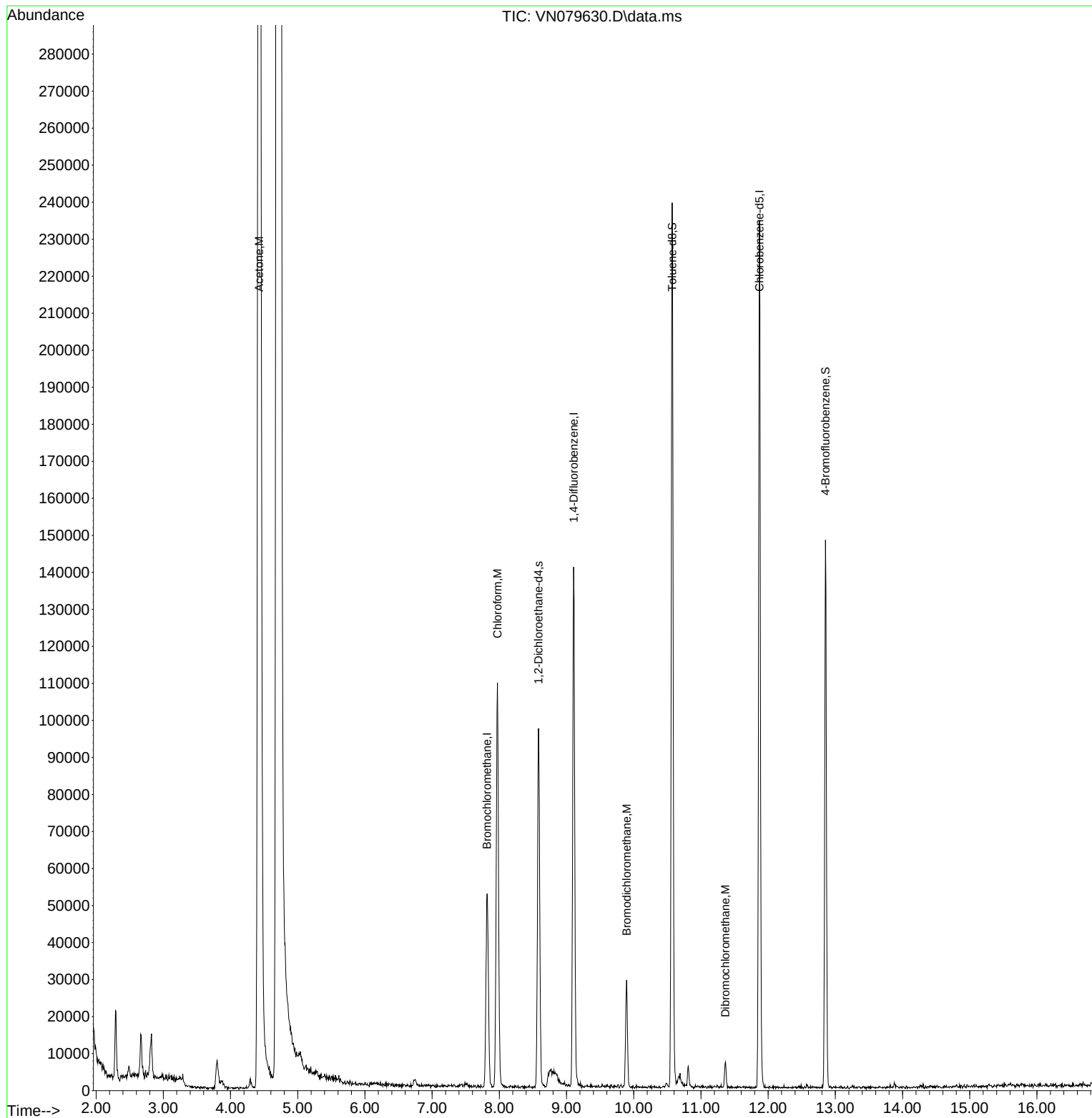
Internal Standards						
1) Bromochloromethane	7.818	128	17787	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	114517	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	134495	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	79748	31.534	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.100%
60) 4-Bromofluorobenzene	12.853	95	48889	19.877	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	66.267%
63) Toluene-d8	10.571	98	167403	29.047	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.833%
Target Compounds						
					Qvalue	
15) Acetone	4.424	58	384930	878.236	ug/l	85
25) Chloroform	7.971	83	100184	18.622	ug/l	85
41) Bromodichloromethane	9.894	83	19057	5.222	ug/l #	95
53) Dibromochloromethane	11.365	129	3849	1.542	ug/l	99

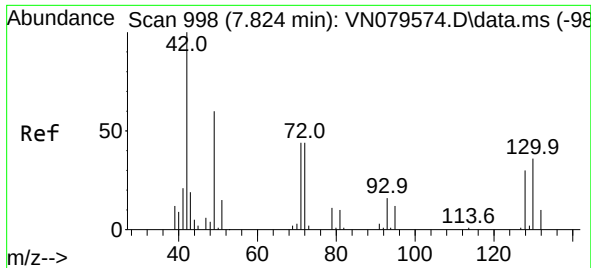
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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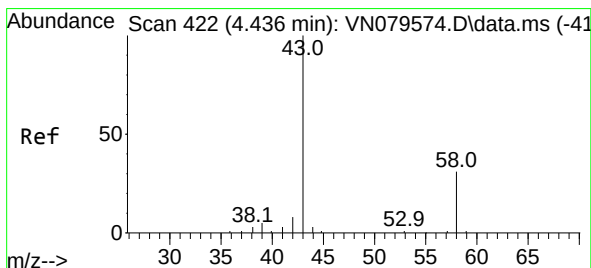
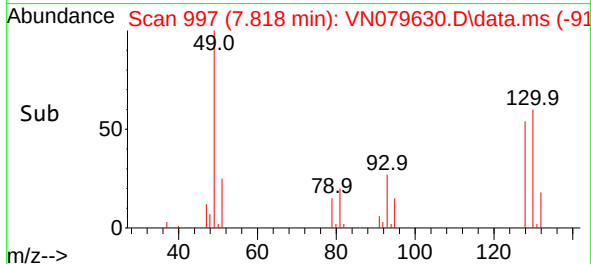
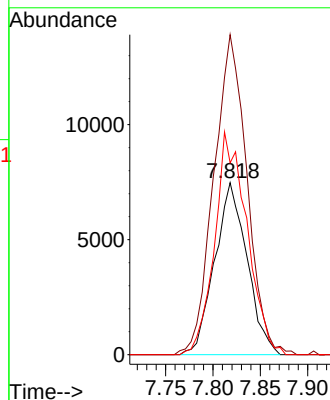
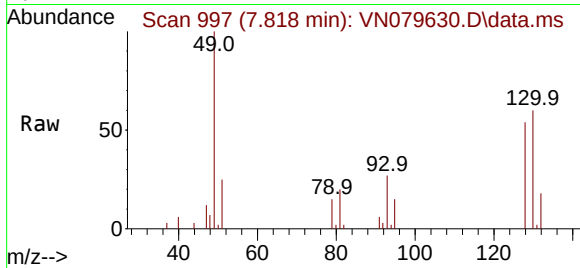




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079630.D
Acq: 20 Oct 2023 16:05

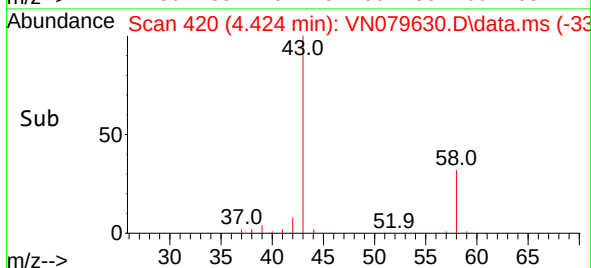
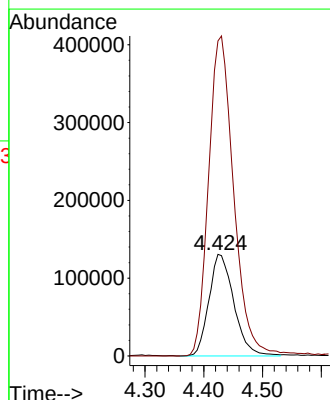
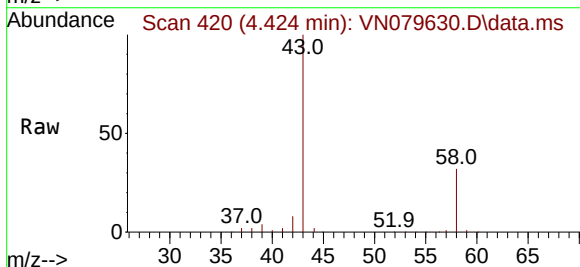
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

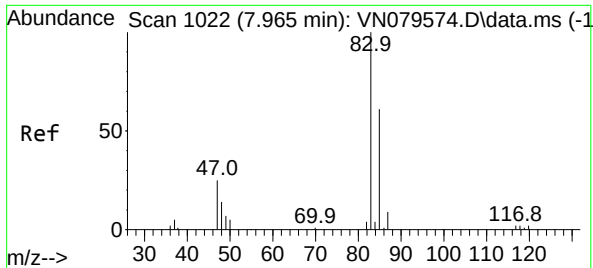
Tgt Ion:128 Resp: 17787
Ion Ratio Lower Upper
128 100
49 190.7 0.0 468.5
130 129.3 0.0 320.7



#15
Acetone
Concen: 878.236 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.012 min
Lab File: VN079630.D
Acq: 20 Oct 2023 16:05

Tgt Ion: 58 Resp: 384930
Ion Ratio Lower Upper
58 100
43 310.2 225.2 337.8

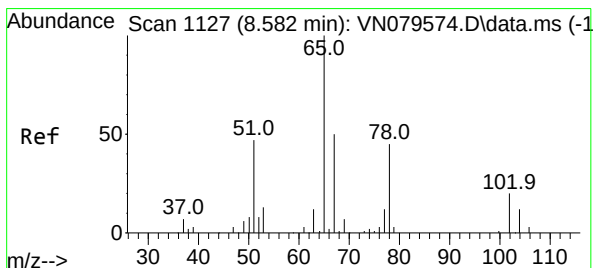
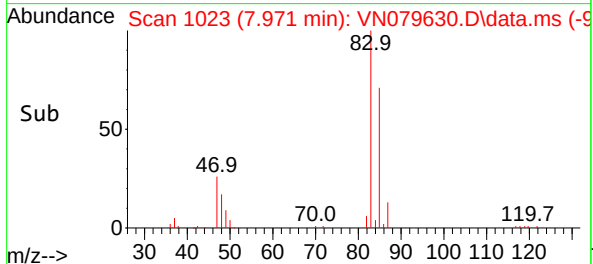
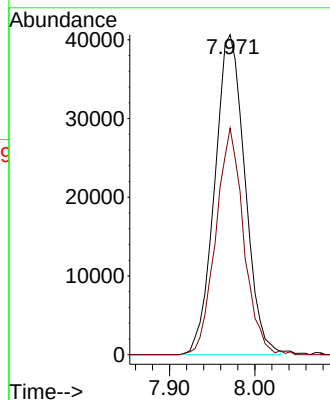
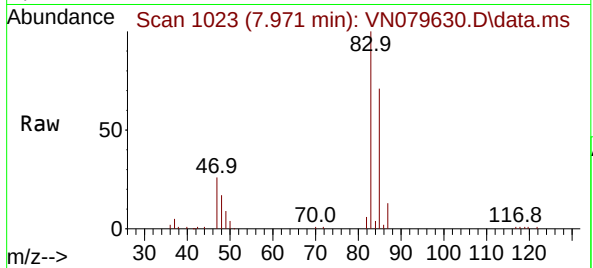




#25
Chloroform
Concen: 18.622 ug/l
RT: 7.971 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN079630.D
Acq: 20 Oct 2023 16:05

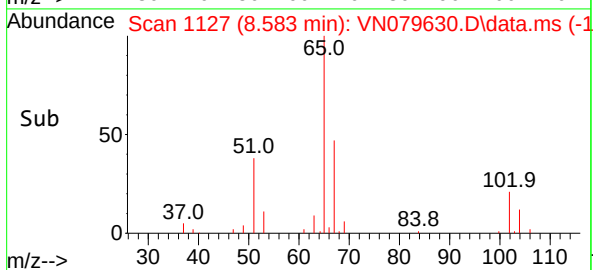
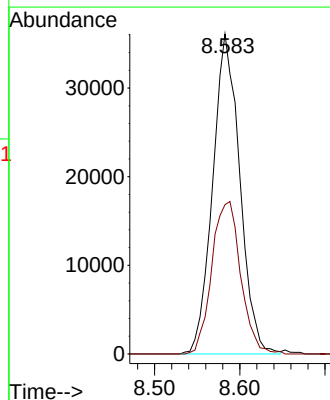
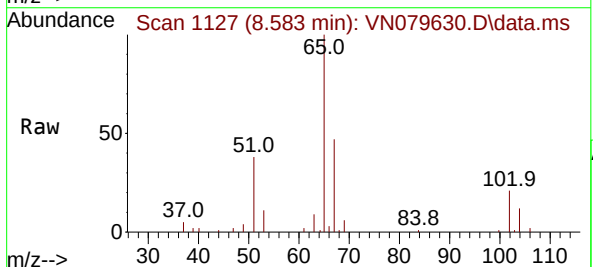
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

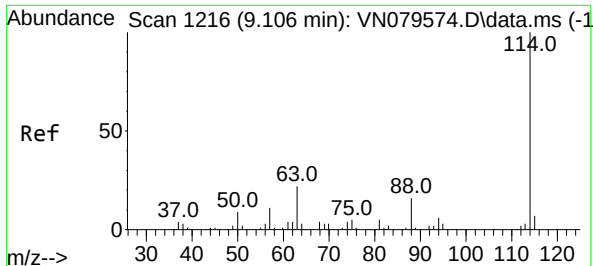
Tgt Ion: 83 Resp: 100184
Ion Ratio Lower Upper
83 100
85 70.8 47.4 71.2



#27
1,2-Dichloroethane-d4
Concen: 31.534 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079630.D
Acq: 20 Oct 2023 16:05

Tgt Ion: 65 Resp: 79748
Ion Ratio Lower Upper
65 100
67 50.7 42.1 63.1

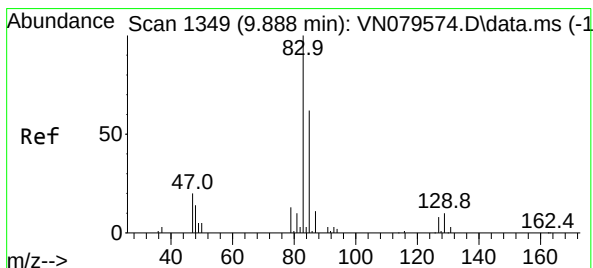
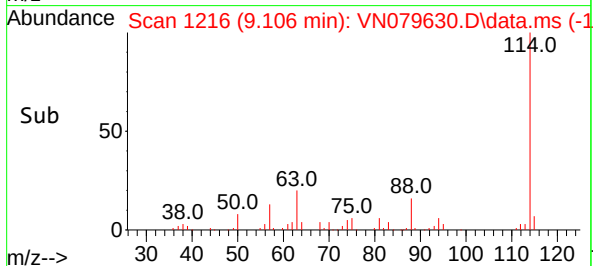
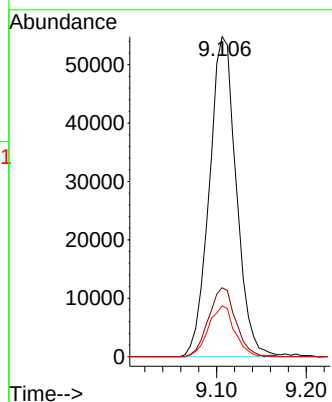
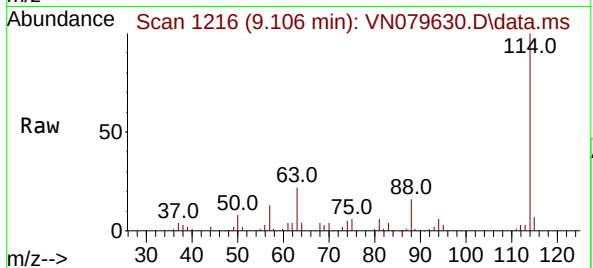




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114517
Delta R.T. 0.000 min
Lab File: VN079630.D
Acq: 20 Oct 2023 16:05

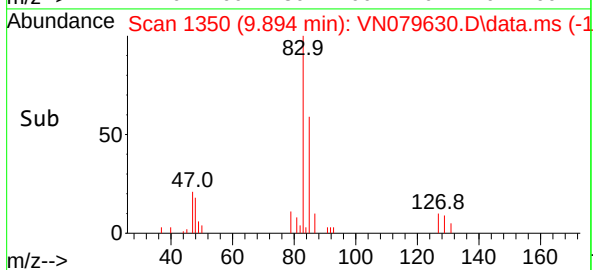
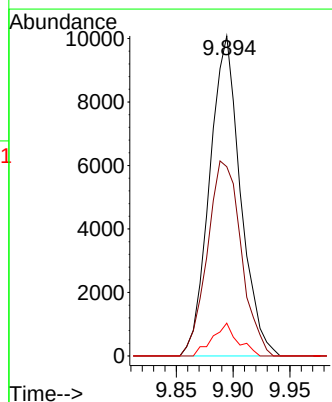
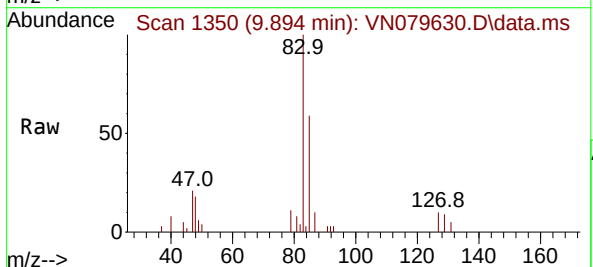
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

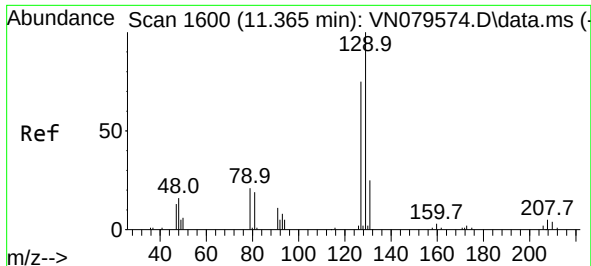
Tgt Ion:114 Resp: 114517
Ion Ratio Lower Upper
114 100
63 21.5 18.1 27.1
88 15.2 12.2 18.2



#41
Bromodichloromethane
Concen: 5.222 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN079630.D
Acq: 20 Oct 2023 16:05

Tgt Ion: 83 Resp: 19057
Ion Ratio Lower Upper
83 100
85 59.2 50.3 75.5
127 10.2 6.8 10.2#

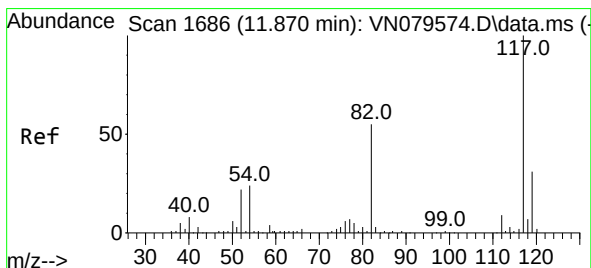
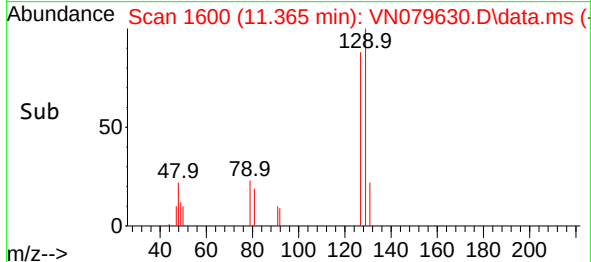
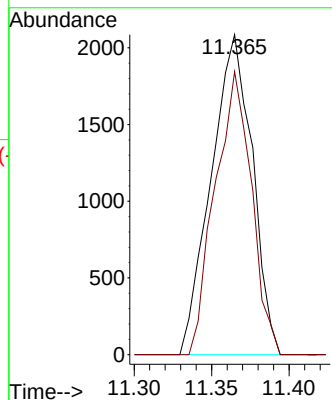
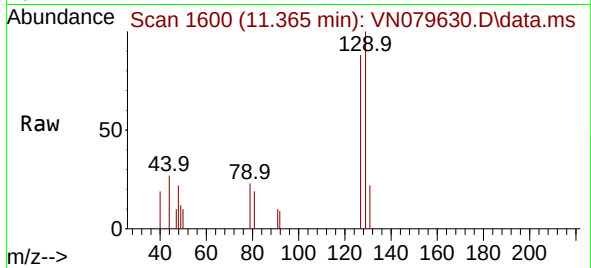




#53
Dibromochloromethane
Concen: 1.542 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079630.D
Acq: 20 Oct 2023 16:05

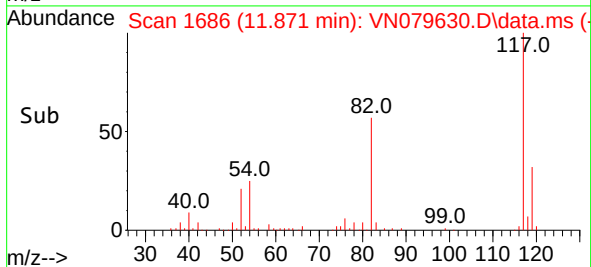
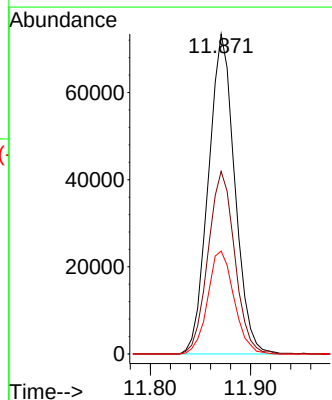
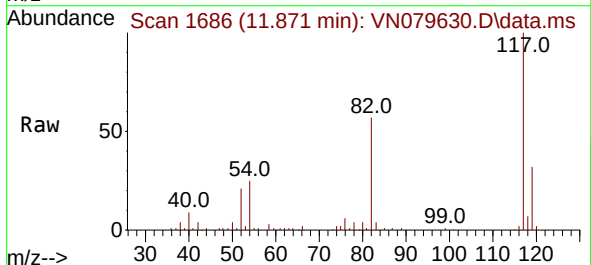
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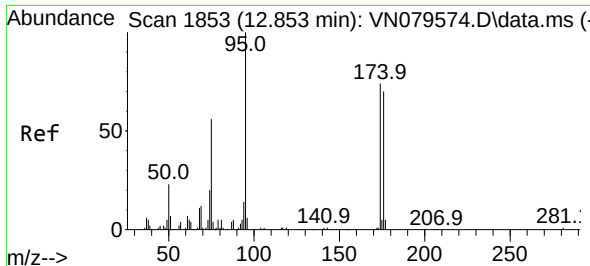
Tgt Ion:129 Resp: 3849
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079630.D
Acq: 20 Oct 2023 16:05

Tgt Ion:117 Resp: 134495
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.2
119 32.1 25.2 37.8

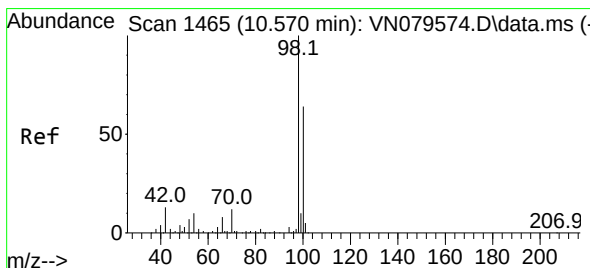
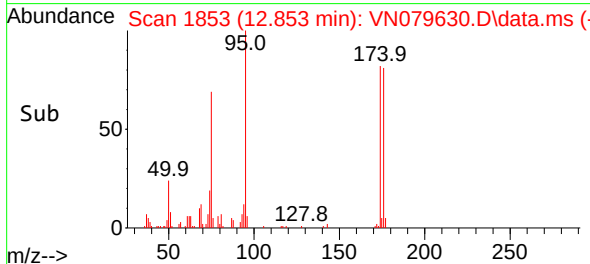
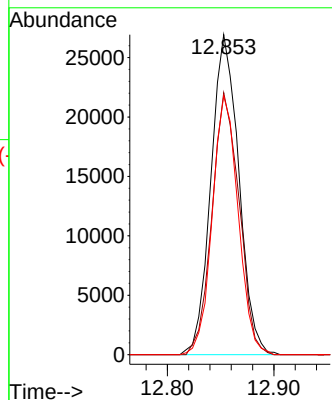
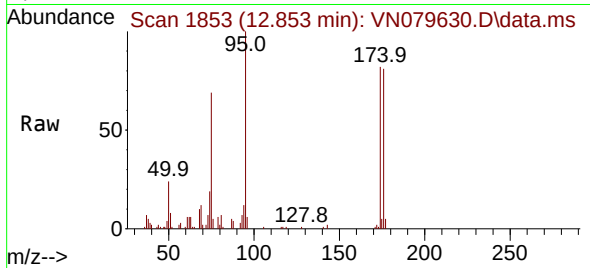




#60
4-Bromofluorobenzene
Concen: 19.877 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079630.D
Acq: 20 Oct 2023 16:05

Instrument :
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Tgt Ion: 95 Resp: 48889
Ion Ratio Lower Upper
95 100
174 79.7 60.5 90.7
176 75.1 57.2 85.8



#63
Toluene-d8
Concen: 29.047 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079630.D
Acq: 20 Oct 2023 16:05

Tgt Ion: 98 Resp: 167403
Ion Ratio Lower Upper
98 100
100 63.0 51.6 77.4

