

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
 Data File : VN079186.D
 Acq On : 07 Sep 2023 20:07
 Operator : JC\MD
 Sample : 04303-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230823029-02

Quant Time: Sep 08 05:46:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

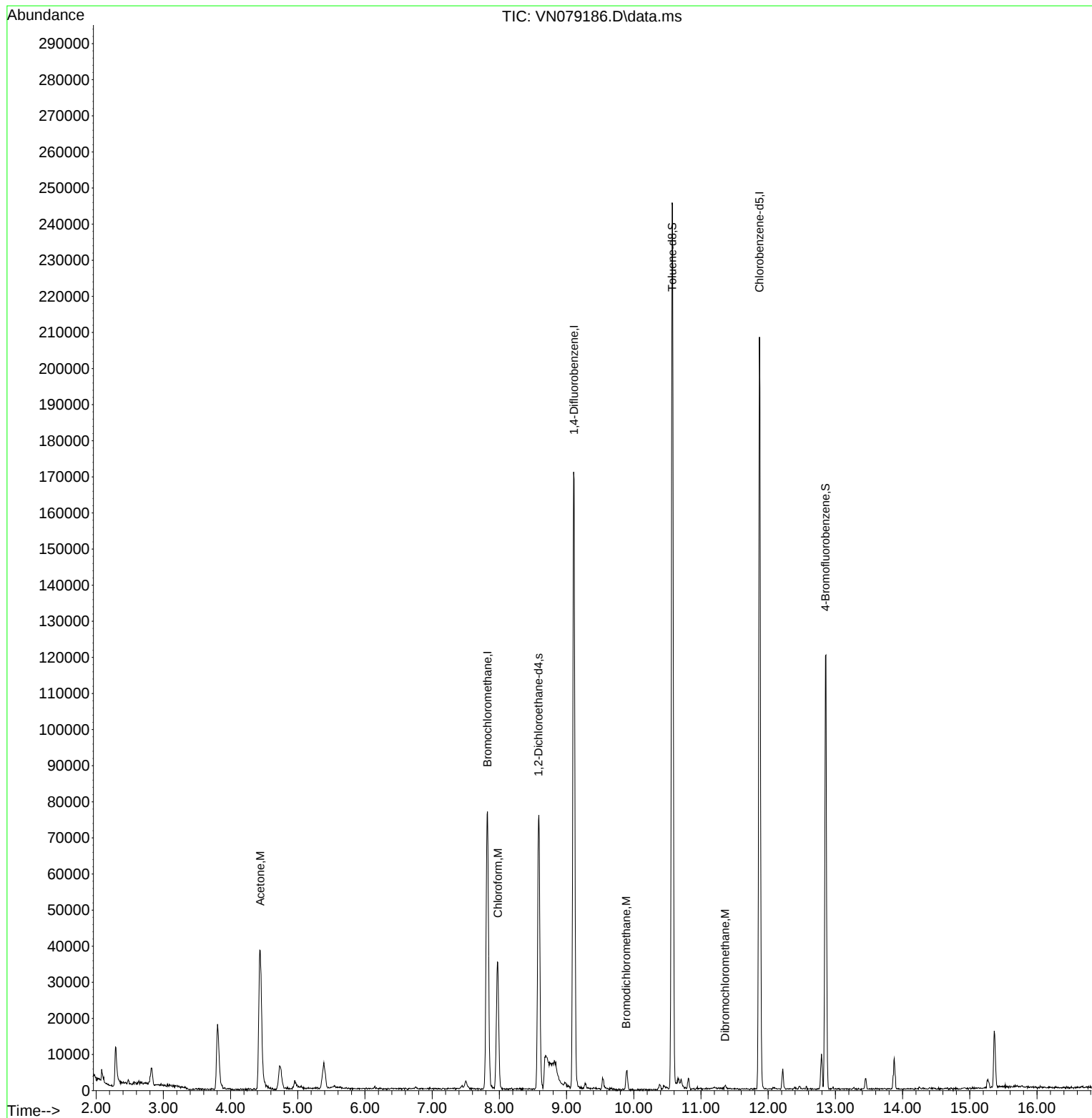
Internal Standards						
1) Bromochloromethane	7.824	128	29125	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	153730	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	128108	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	65125	29.762	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.200%
60) 4-Bromofluorobenzene	12.853	95	45768	24.247	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.833%
63) Toluene-d8	10.571	98	177896	29.714	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.033%
Target Compounds						
					Qvalue	
15) Acetone	4.442	58	26857	146.993	ug/l	93
25) Chloroform	7.977	83	36114	10.403	ug/l	99
41) Bromodichloromethane	9.888	83	4384	1.651	ug/l #	85
53) Dibromochloromethane	11.359	129	812	0.414	ug/l	99

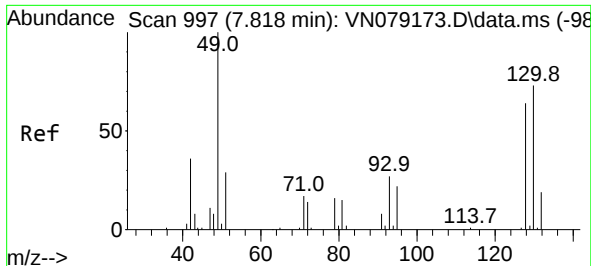
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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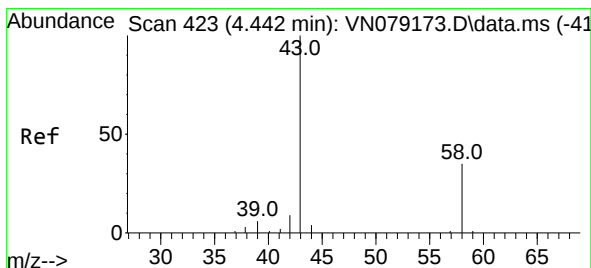
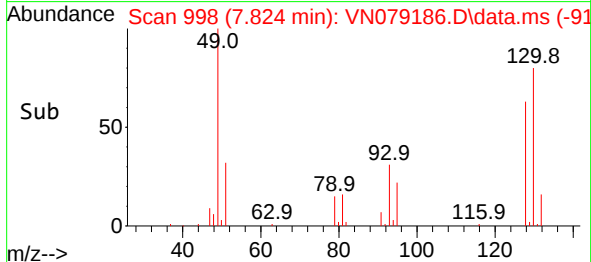
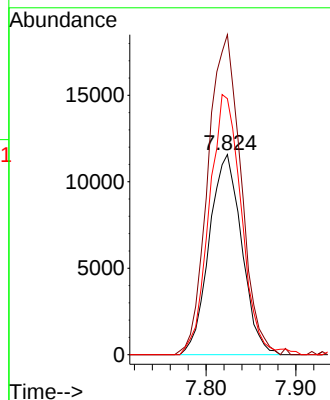
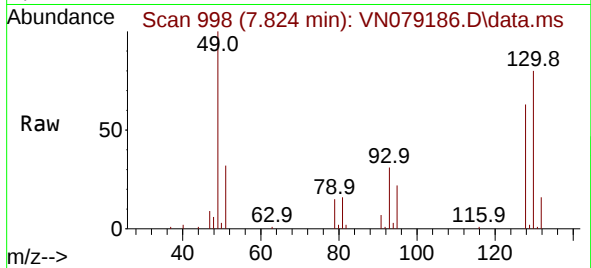




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN079186.D
Acq: 07 Sep 2023 20:07

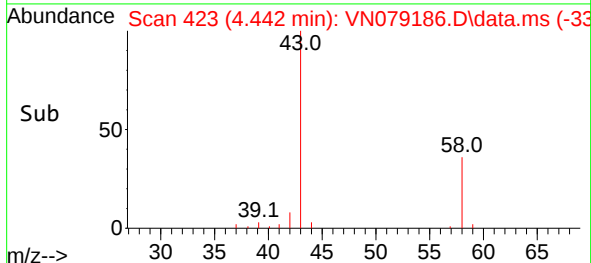
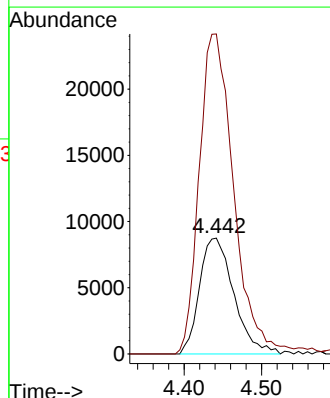
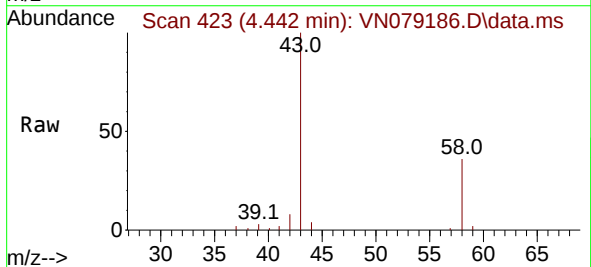
Instrument :
MSVOA_N
ClientSampleId :
230823029-02

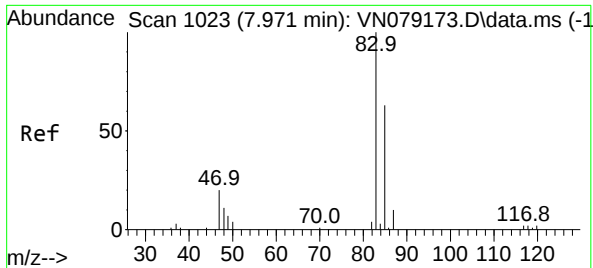
Tgt Ion:	128	Resp:	29125
Ion	Ratio	Lower	Upper
128	100		
49	162.2	0.0	414.3
130	127.8	0.0	311.0



#15
Acetone
Concen: 146.993 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079186.D
Acq: 07 Sep 2023 20:07

Tgt Ion:	58	Resp:	26857
Ion	Ratio	Lower	Upper
58	100		
43	272.8	228.3	342.5

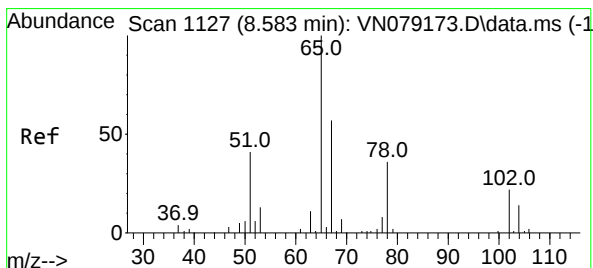
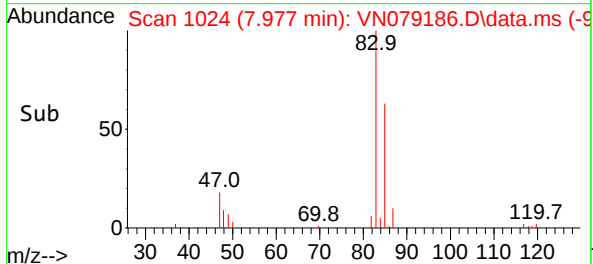
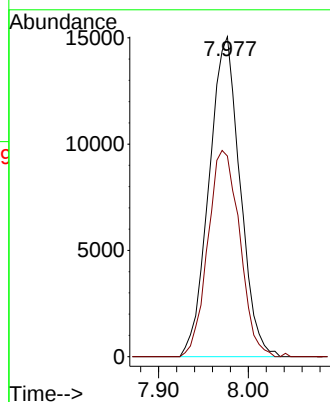
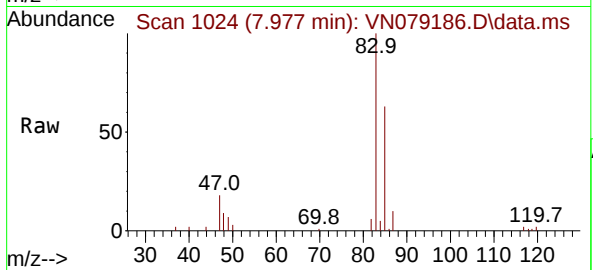




#25
Chloroform
Concen: 10.403 ug/l
RT: 7.977 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN079186.D
Acq: 07 Sep 2023 20:07

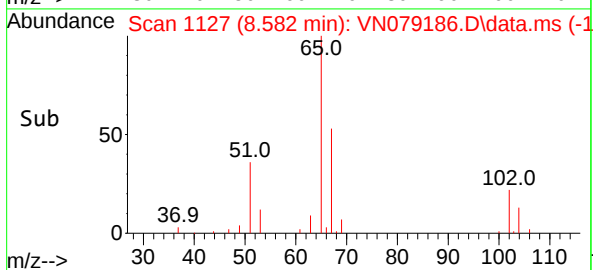
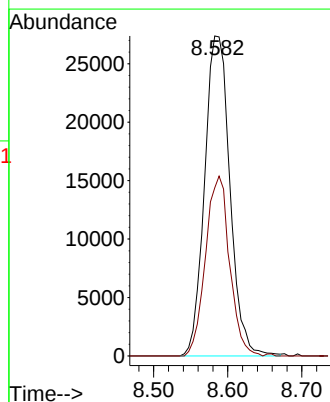
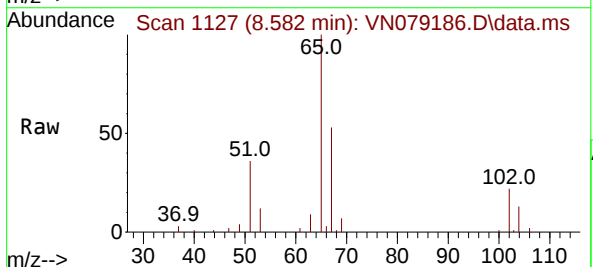
Instrument :
MSVOA_N
ClientSampleId :
230823029-02

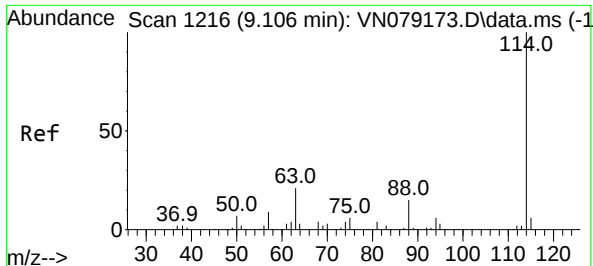
Tgt Ion: 83 Resp: 36114
Ion Ratio Lower Upper
83 100
85 62.7 50.6 76.0



#27
1,2-Dichloroethane-d4
Concen: 29.762 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079186.D
Acq: 07 Sep 2023 20:07

Tgt Ion: 65 Resp: 65125
Ion Ratio Lower Upper
65 100
67 53.3 44.4 66.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079186.D

Acq: 07 Sep 2023 20:07

Instrument :

MSVOA_N

ClientSampleId :

230823029-02

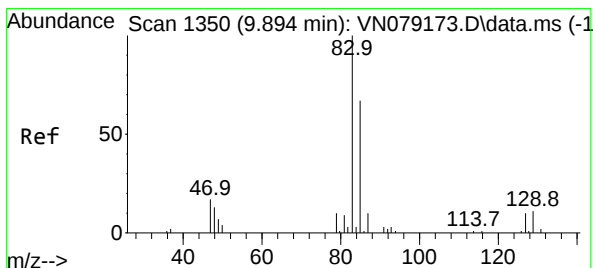
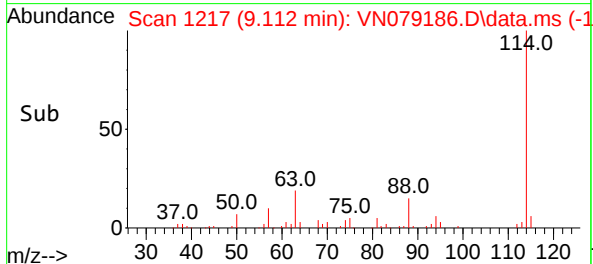
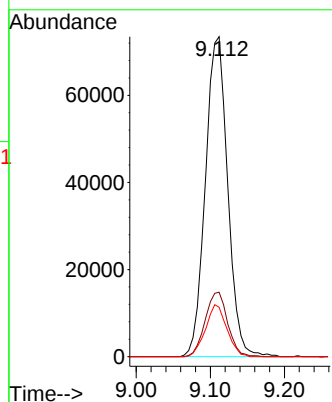
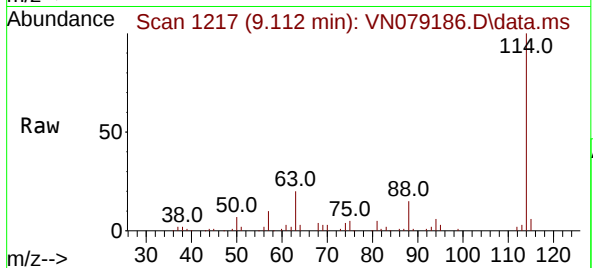
Tgt Ion:114 Resp: 153730

Ion Ratio Lower Upper

114 100

63 20.3 17.0 25.4

88 15.5 12.8 19.2



#41

Bromodichloromethane

Concen: 1.651 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VN079186.D

Acq: 07 Sep 2023 20:07

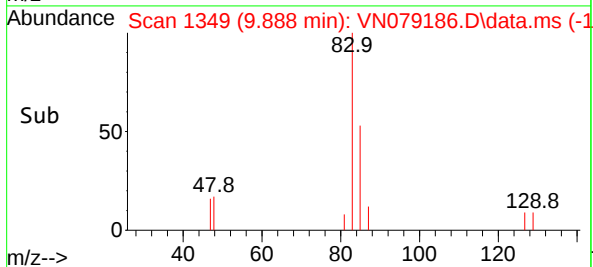
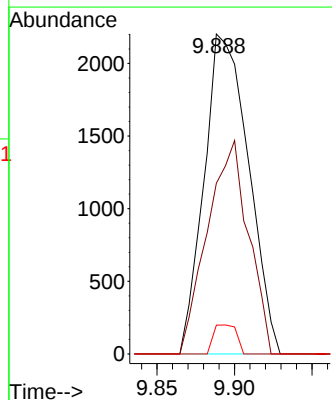
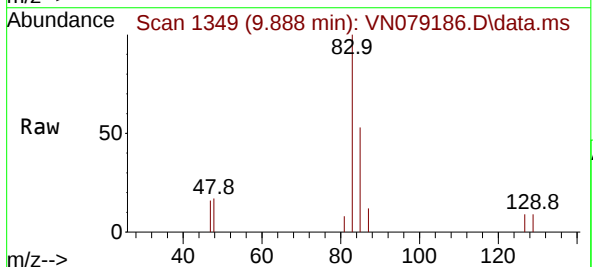
Tgt Ion: 83 Resp: 4384

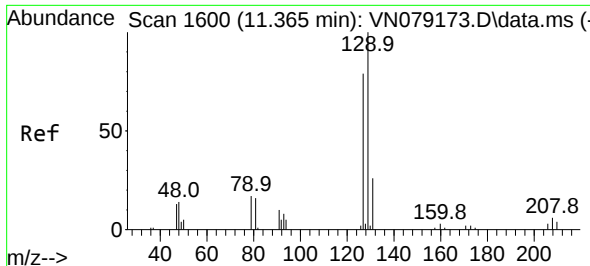
Ion Ratio Lower Upper

83 100

85 53.3 53.4 80.2#

127 9.0 8.3 12.5

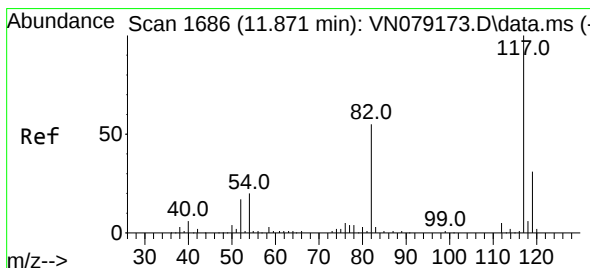
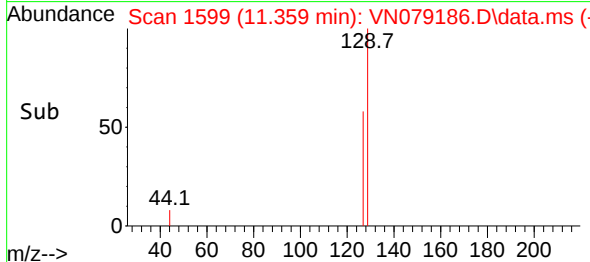
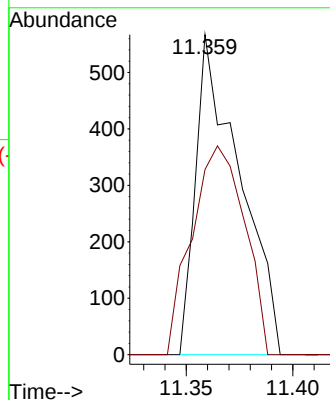
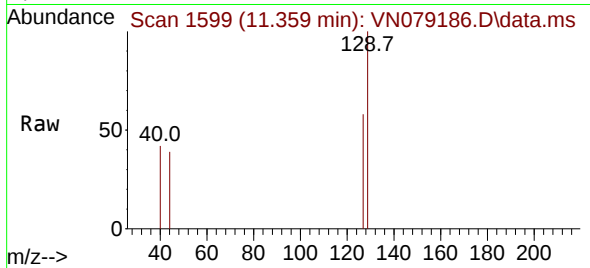




#53
Dibromochloromethane
Concen: 0.414 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079186.D
Acq: 07 Sep 2023 20:07

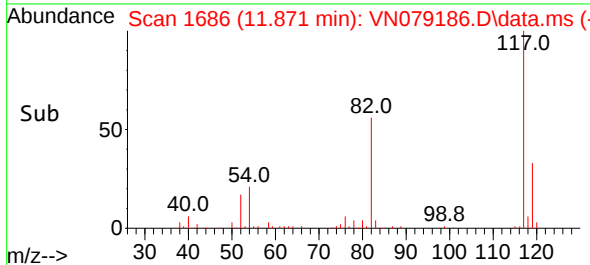
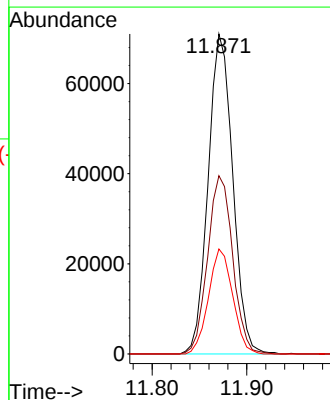
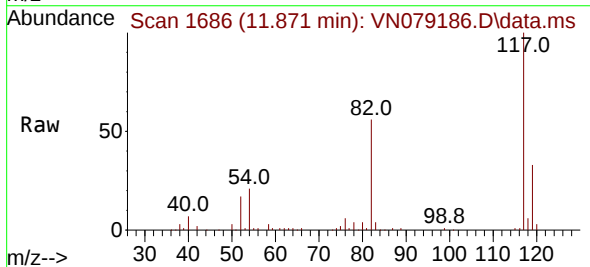
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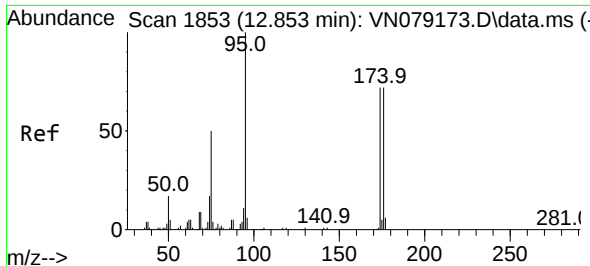
Tgt Ion:129 Resp: 812
Ion Ratio Lower Upper
129 100
127 78.7 38.7 116.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079186.D
Acq: 07 Sep 2023 20:07

Tgt Ion:117 Resp: 128108
Ion Ratio Lower Upper
117 100
82 56.7 44.7 67.1
119 32.2 24.9 37.3

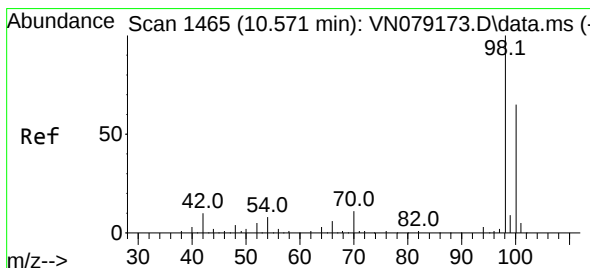
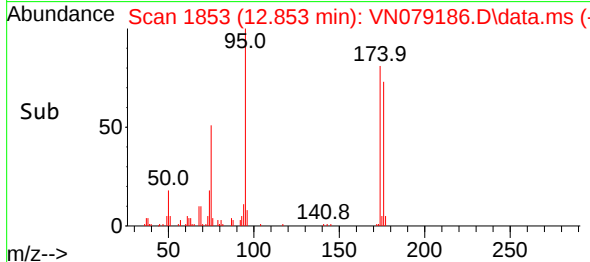
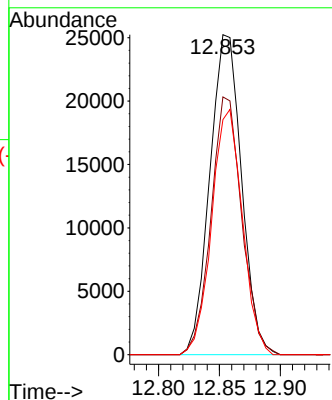
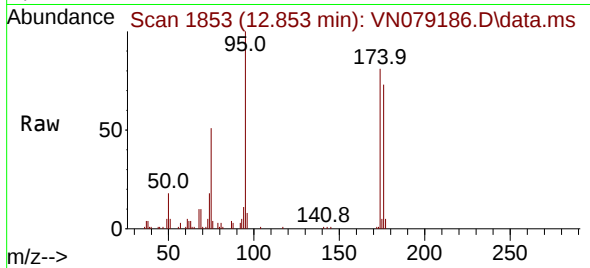




#60
4-Bromofluorobenzene
Concen: 24.247 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079186.D
Acq: 07 Sep 2023 20:07

Instrument :
MSVOA_N
ClientSampleId :
230823029-02

Tgt Ion: 95 Resp: 45768
Ion Ratio Lower Upper
95 100
174 78.2 59.5 89.3
176 74.1 59.1 88.7



#63
Toluene-d8
Concen: 29.714 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079186.D
Acq: 07 Sep 2023 20:07

Tgt Ion: 98 Resp: 177896
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

