

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079077.D
 Acq On : 28 Aug 2023 19:20
 Operator : JC\MD
 Sample : 04206-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230815010-01

Quant Time: Aug 29 05:22:49 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)

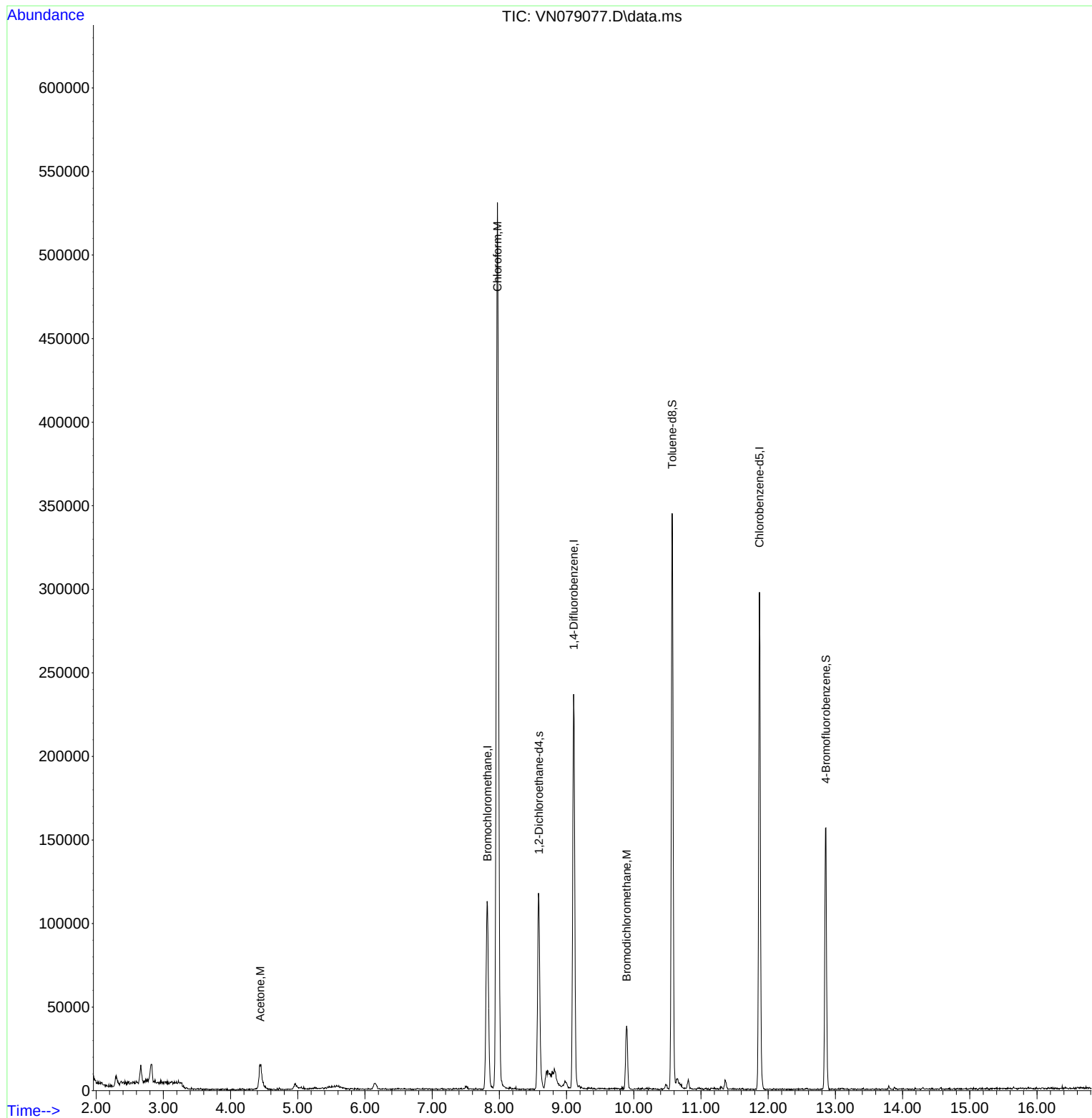
Internal Standards						
1) Bromochloromethane	7.824	128	37149	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	201877	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	162302	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	90939	30.216	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.733%
60) 4-Bromofluorobenzene	12.859	95	54111	22.856	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	76.200%
63) Toluene-d8	10.571	98	231848	30.589	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.967%
Target Compounds						
					Qvalue	
15) Acetone	4.442	58	8550	22.989	ug/l #	61
25) Chloroform	7.971	83	498775	113.731	ug/l	99
41) Bromodichloromethane	9.894	83	25548	7.645	ug/l	99

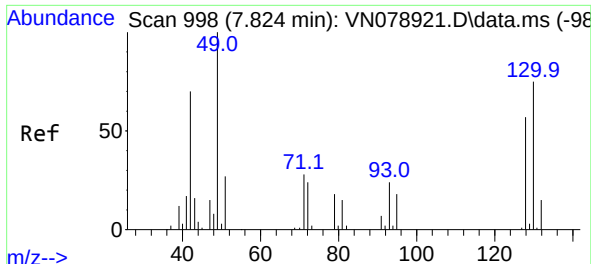
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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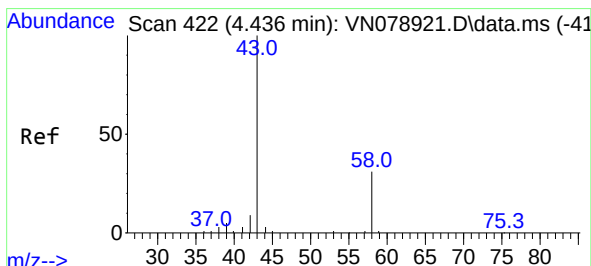
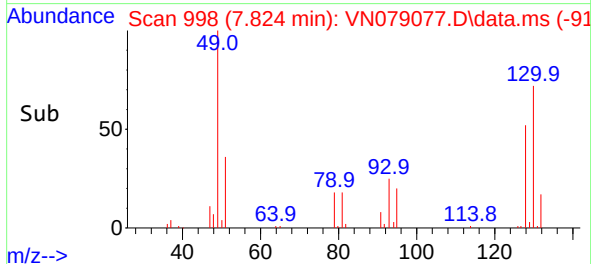
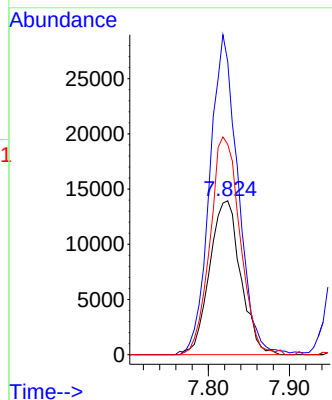
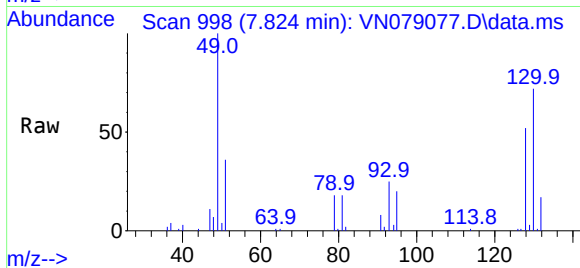




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079077.D
Acq: 28 Aug 2023 19:20

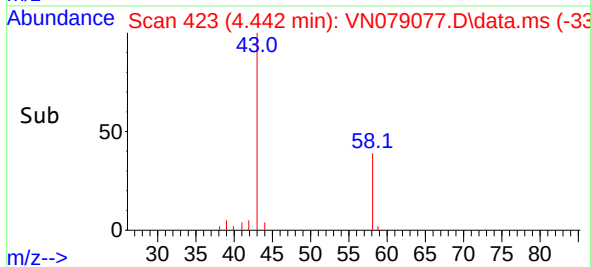
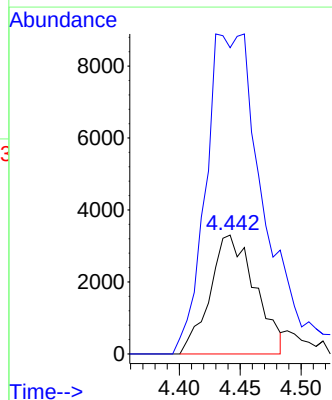
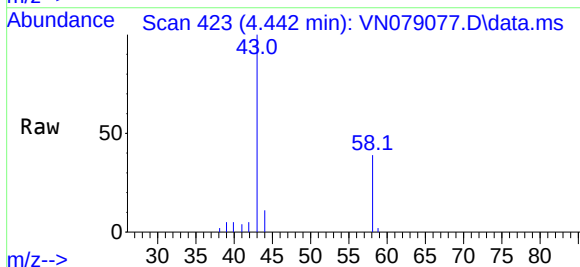
Instrument :
MSVOA_N
ClientSampleId :
230815010-01

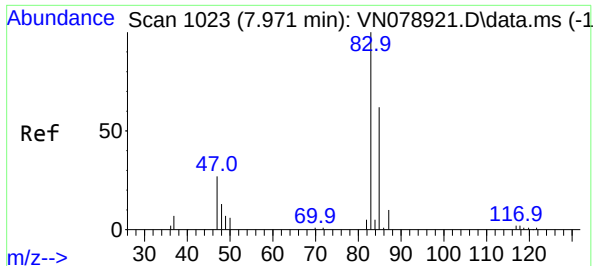
Tgt Ion:128 Resp: 37149
Ion Ratio Lower Upper
128 100
49 189.1 0.0 481.8
130 136.3 0.0 320.5



#15
Acetone
Concen: 22.989 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN079077.D
Acq: 28 Aug 2023 19:20

Tgt Ion: 58 Resp: 8550
Ion Ratio Lower Upper
58 100
43 244.2 260.6 390.8#

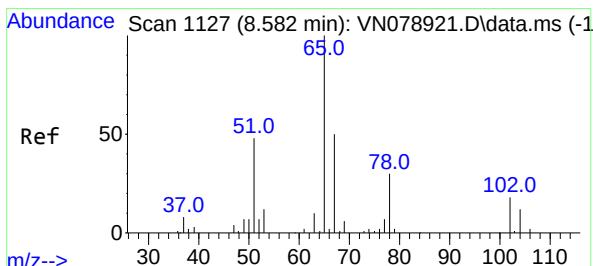
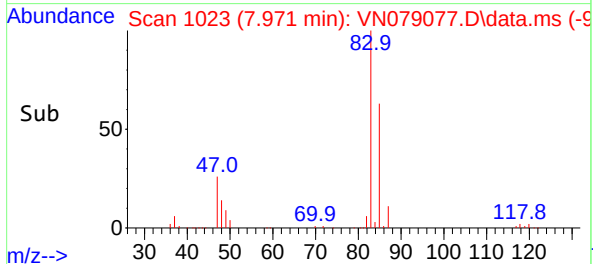
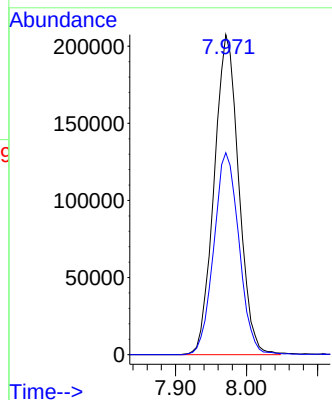
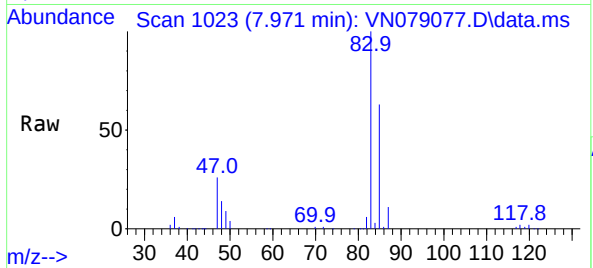




#25
Chloroform
Concen: 113.731 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079077.D
Acq: 28 Aug 2023 19:20

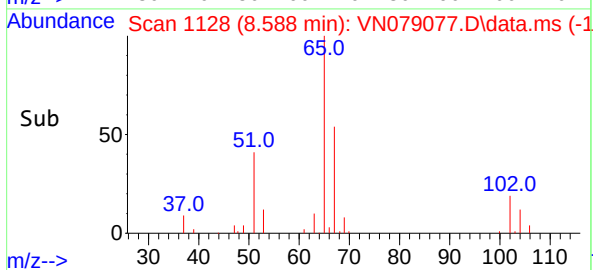
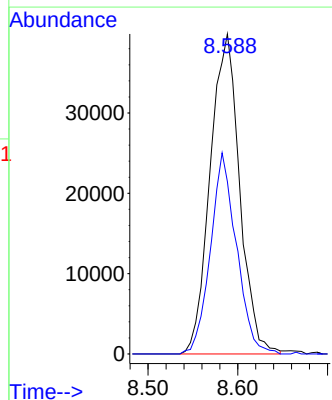
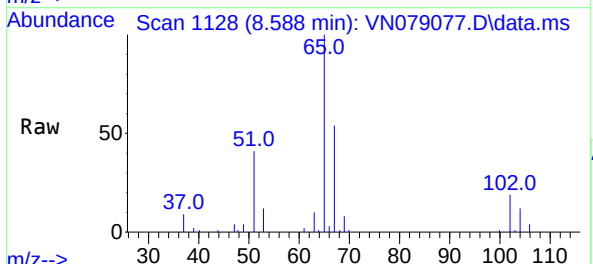
Instrument :
MSVOA_N
ClientSampleId :
230815010-01

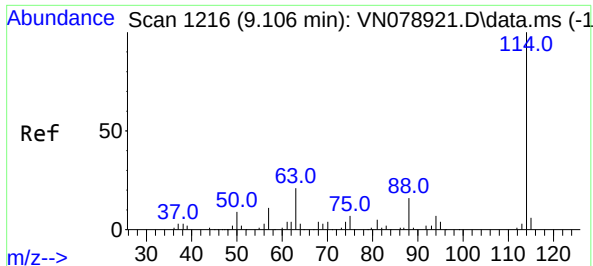
Tgt Ion: 83 Resp: 498775
Ion Ratio Lower Upper
83 100
85 63.1 49.6 74.4



#27
1,2-Dichloroethane-d4
Concen: 30.216 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN079077.D
Acq: 28 Aug 2023 19:20

Tgt Ion: 65 Resp: 90939
Ion Ratio Lower Upper
65 100
67 55.4 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: VN079077.D

Acq: 28 Aug 2023 19:20

Instrument :

MSVOA_N

ClientSampleId :

230815010-01

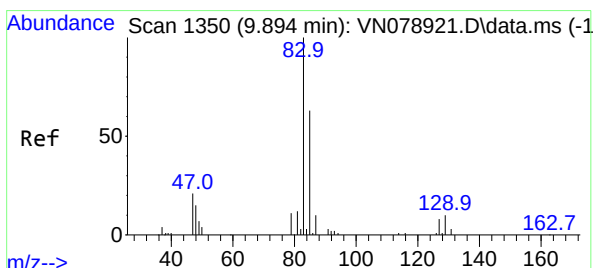
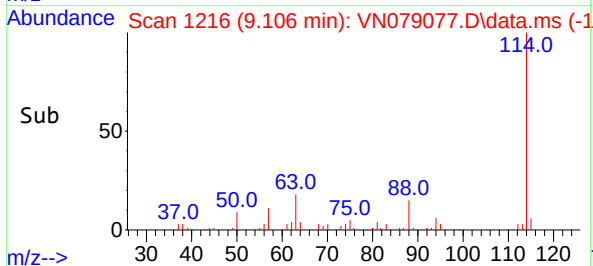
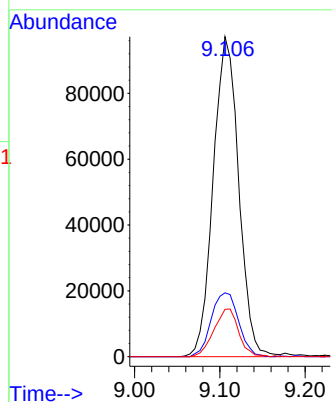
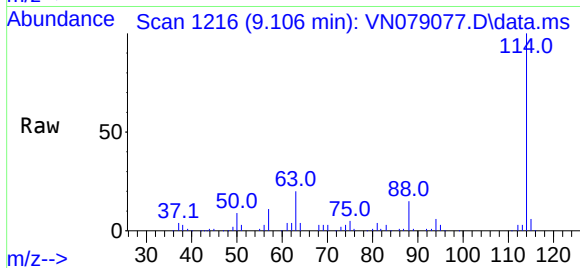
Tgt Ion:114 Resp: 201877

Ion Ratio Lower Upper

114 100

63 21.5 17.4 26.2

88 14.4 12.0 18.0



#41

Bromodichloromethane

Concen: 7.645 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN079077.D

Acq: 28 Aug 2023 19:20

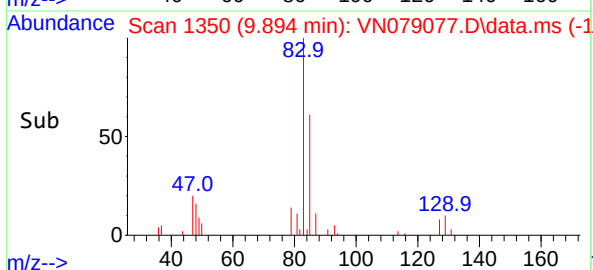
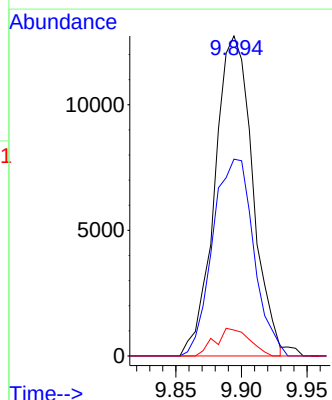
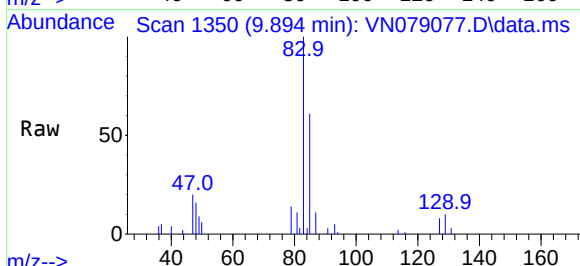
Tgt Ion: 83 Resp: 25548

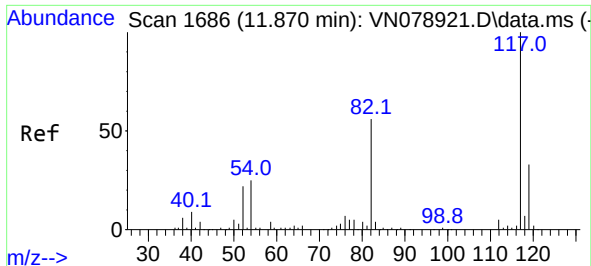
Ion Ratio Lower Upper

83 100

85 61.5 50.2 75.2

127 8.1 6.2 9.4

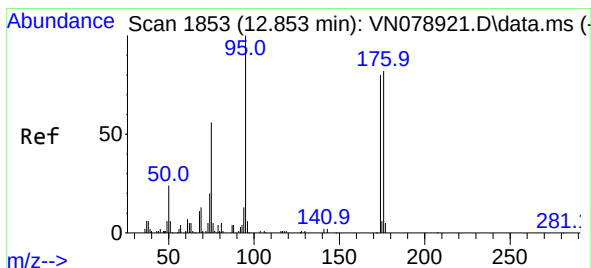
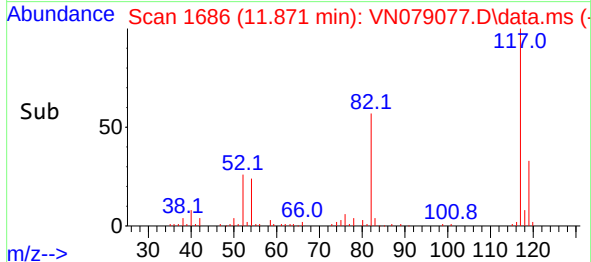
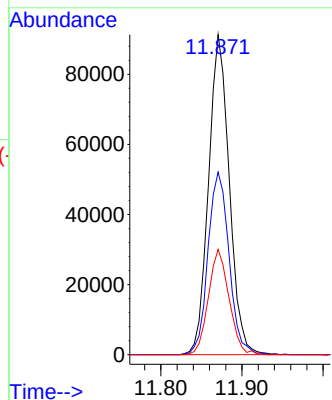
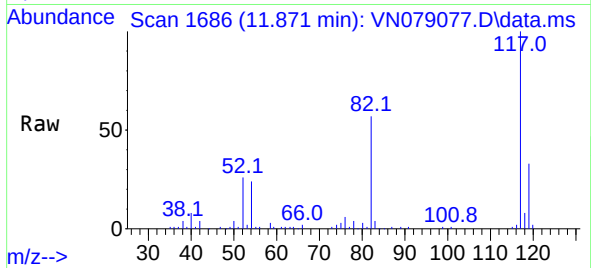




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079077.D
Acq: 28 Aug 2023 19:20

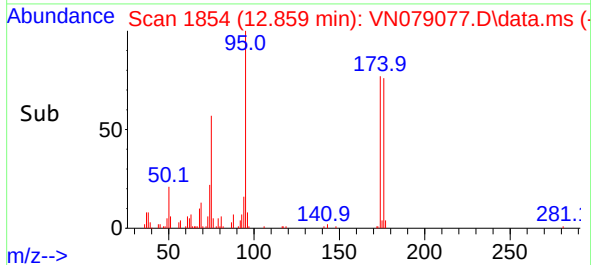
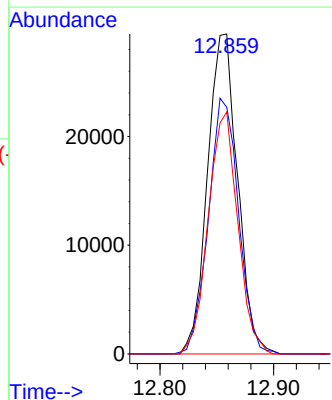
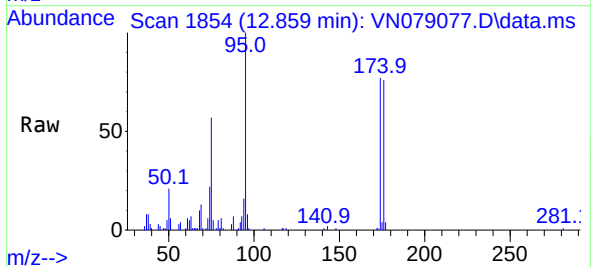
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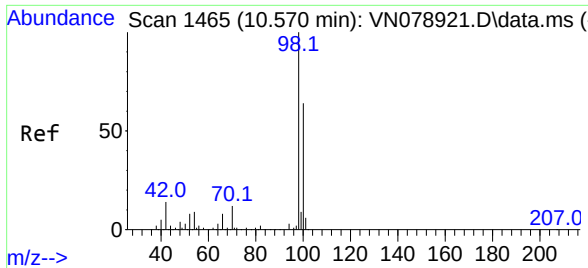
Tgt Ion:117 Resp: 162302
Ion Ratio Lower Upper
117 100
82 57.8 43.4 65.0
119 32.6 25.5 38.3



#60
4-Bromofluorobenzene
Concen: 22.856 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN079077.D
Acq: 28 Aug 2023 19:20

Tgt Ion: 95 Resp: 54111
Ion Ratio Lower Upper
95 100
174 80.1 64.8 97.2
176 74.4 63.0 94.6





#63
Toluene-d8
Concen: 30.589 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN079077.D
Acq: 28 Aug 2023 19:20

Instrument :
MSVOA_N
ClientSampleId :
230815010-01

Tgt Ion: 98 Resp: 231848
Ion Ratio Lower Upper
98 100
100 63.0 51.1 76.7

