

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079076.D
 Acq On : 28 Aug 2023 18:56
 Operator : JC\MD
 Sample : 04205-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230815009-01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/29/2023
 Supervised By :Semsettin Yesilyurt 08/29/2023

Quant Time: Aug 29 05:22:29 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	36282	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	193099	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	152130	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	89139	30.326	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	101.100%	
60) 4-Bromofluorobenzene	12.853	95	50993	22.979	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	76.600%	
63) Toluene-d8	10.571	98	225852	31.791	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	105.967%	
Target Compounds						
15) Acetone	4.447	58	6080m	16.738	ug/l	Qvalue
25) Chloroform	7.971	83	347747	81.189	ug/l	94
41) Bromodichloromethane	9.888	83	69451	21.729	ug/l	93
53) Dibromochloromethane	11.365	129	26048	11.080	ug/l	97

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

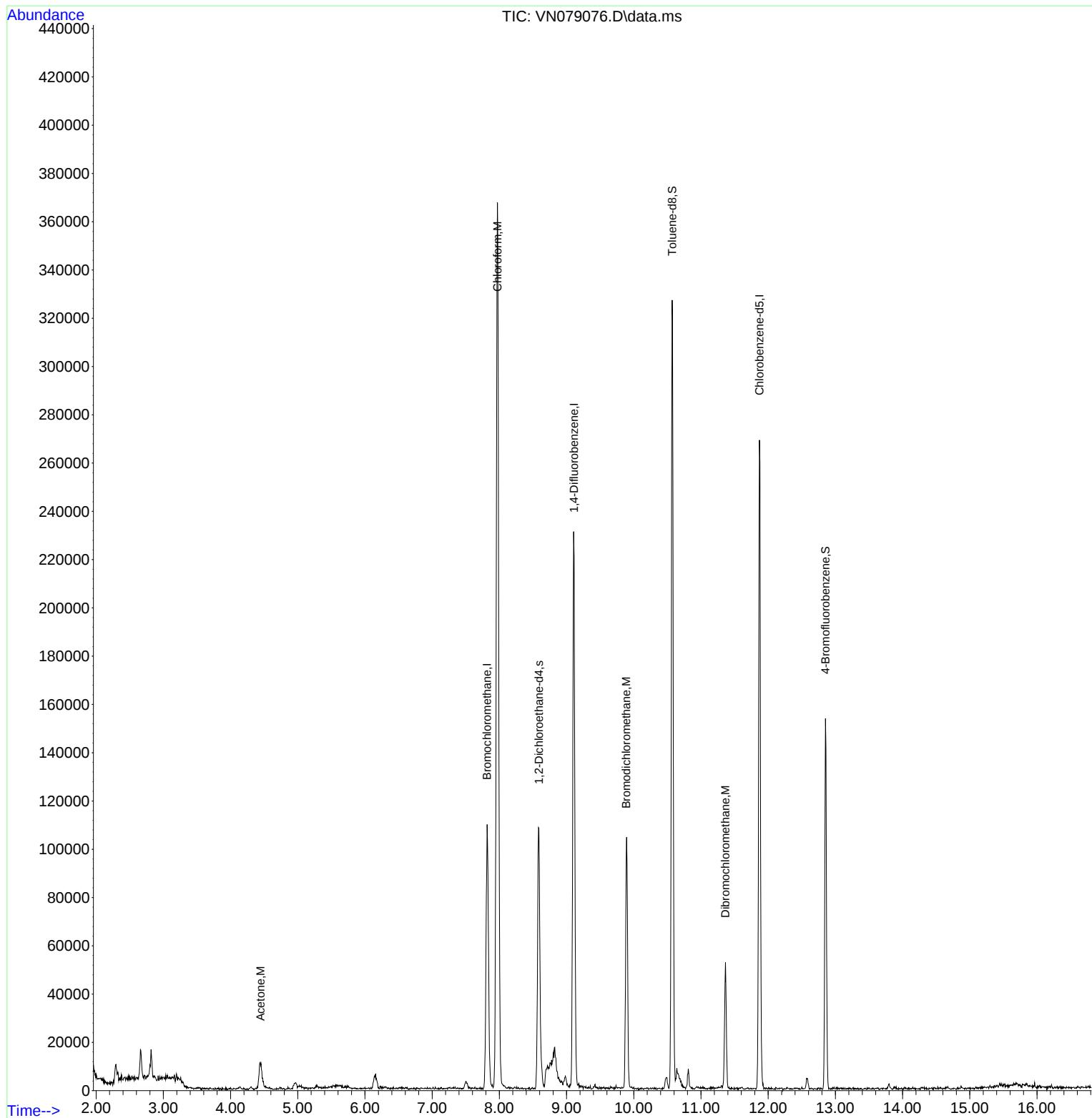
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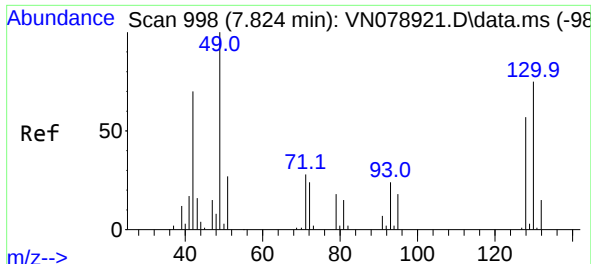
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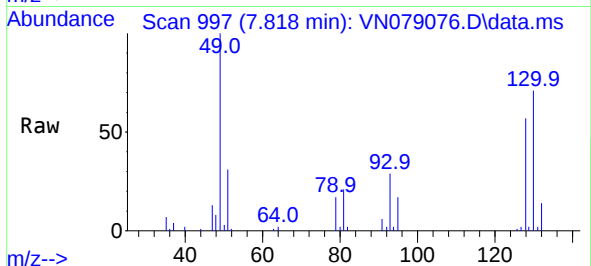
Quant Time: Aug 29 05:22:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 18 05:21:14 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079076.D
Acq: 28 Aug 2023 18:56

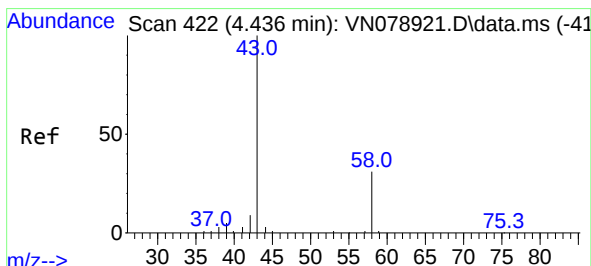
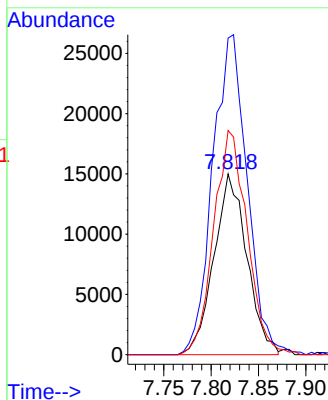
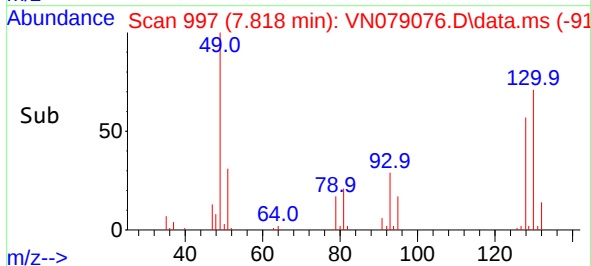
Instrument :
MSVOA_N
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230815009-01



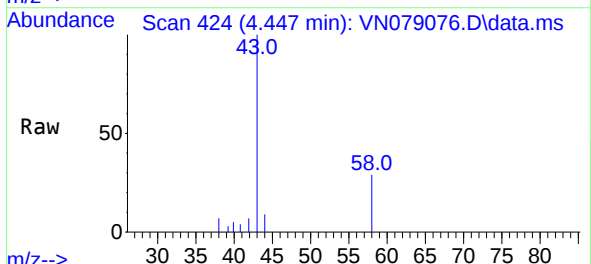
Tgt Ion:128 Resp: 3628
Ion Ratio Lower Upper
128 100
49 185.4 0.0 481.8
130 126.1 0.0 320.5

Manual Integrations
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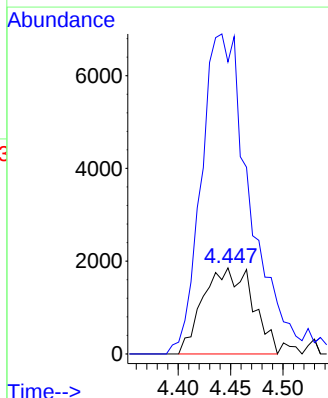
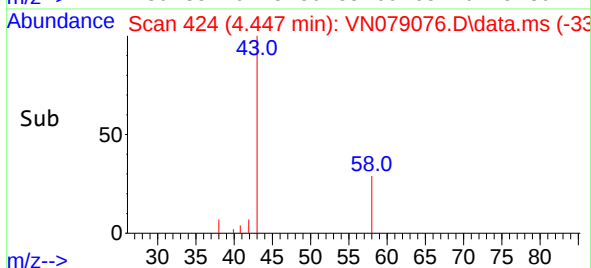
Reviewed By :John Carlone 08/29/2023
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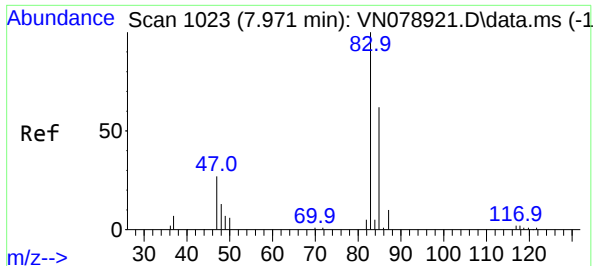


#15
Acetone
Concen: 16.738 ug/l m
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN079076.D
Acq: 28 Aug 2023 18:56



Tgt Ion: 58 Resp: 6080
Ion Ratio Lower Upper
58 100
43 339.0 260.6 390.8





#25

Chloroform

Concen: 81.189 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079076.D

Acq: 28 Aug 2023 18:56

Instrument :

MSVOA_N

ClientSampleId :

230815009-01

Tgt Ion: 83 Resp: 34774

Ion Ratio Lower Upper

83 100

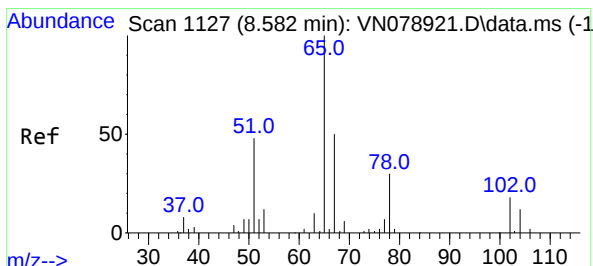
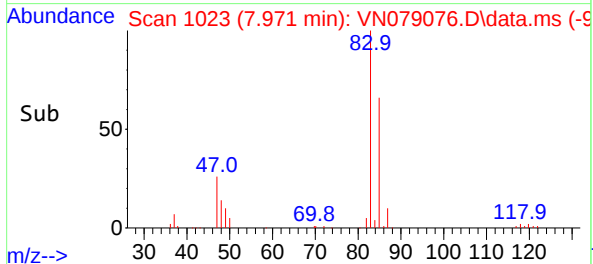
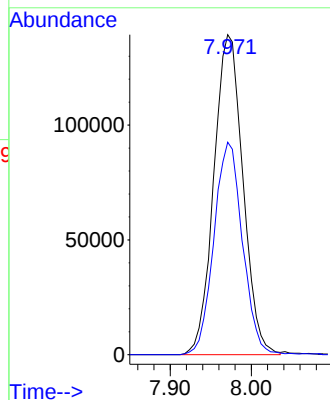
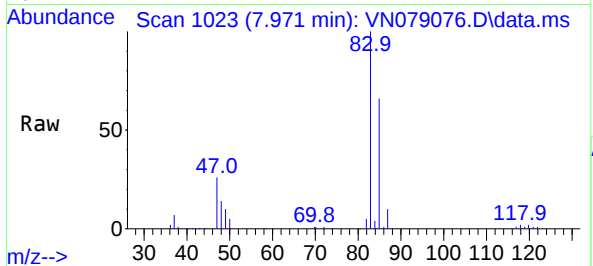
85 66.4 49.6 74.4

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 30.326 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN079076.D

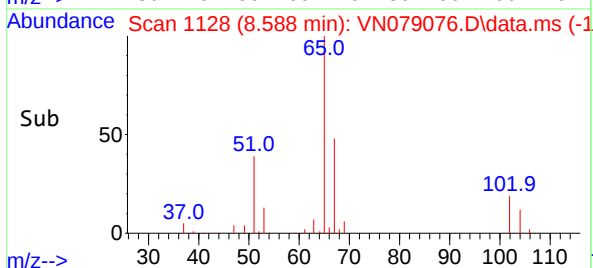
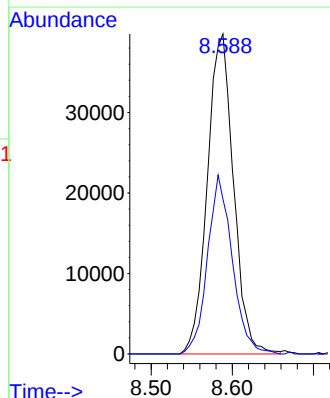
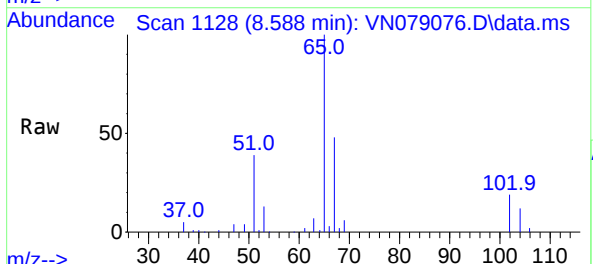
Acq: 28 Aug 2023 18:56

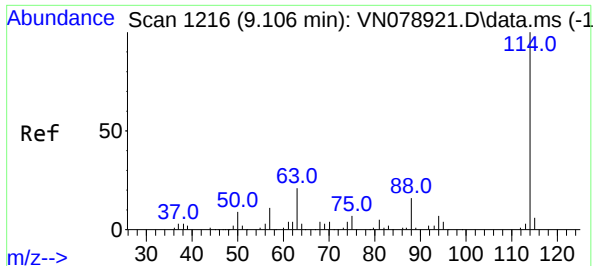
Tgt Ion: 65 Resp: 89139

Ion Ratio Lower Upper

65 100

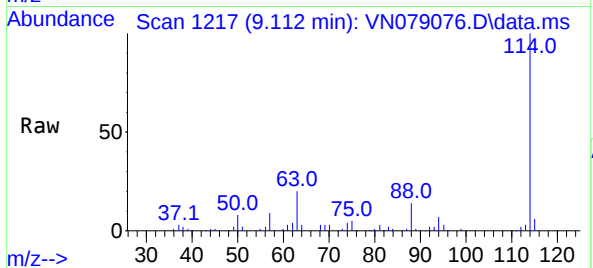
67 52.9 40.7 61.1





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN079076.D
Acq: 28 Aug 2023 18:56

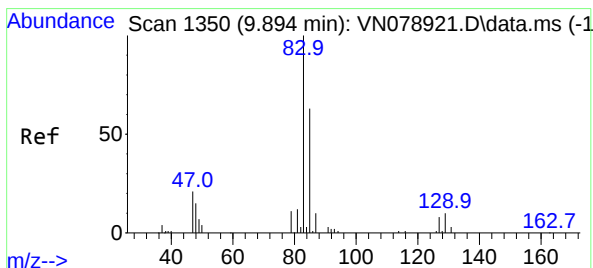
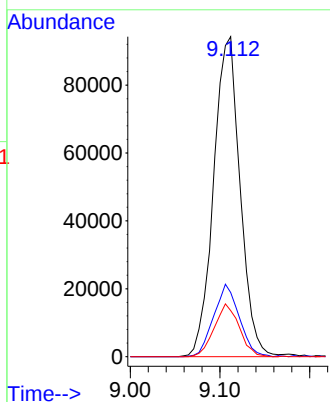
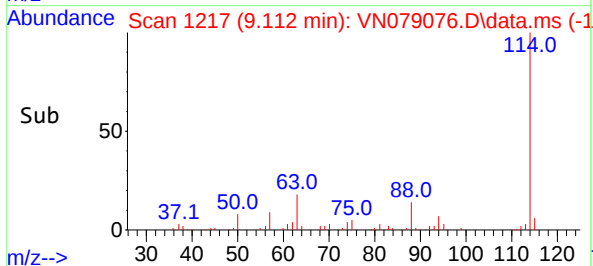
Instrument :
MSVOA_N
ClientSampleId :
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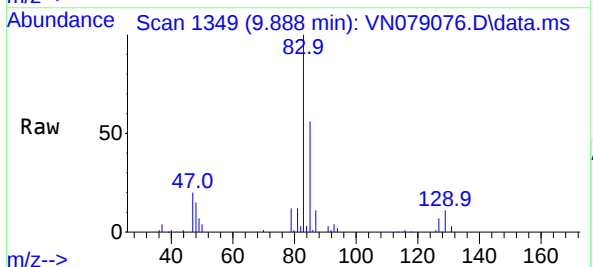
Tgt Ion:114 Resp: 193099
Ion Ratio Lower Upper
114 100
63 21.9 17.4 26.2
88 15.6 12.0 18.0

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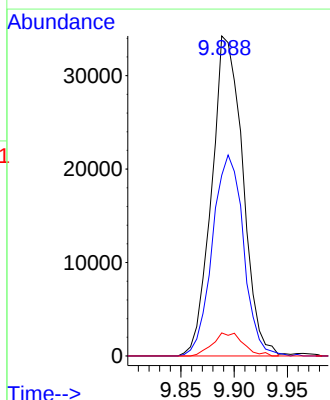
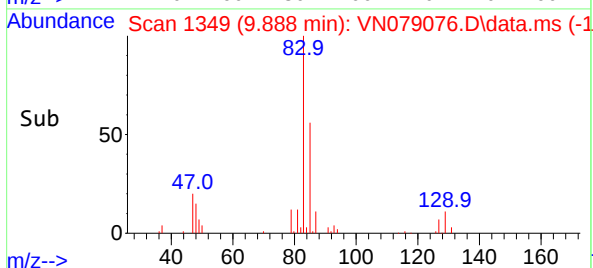
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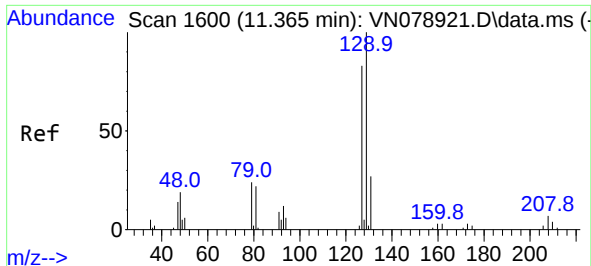


#41
Bromodichloromethane
Concen: 21.729 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079076.D
Acq: 28 Aug 2023 18:56



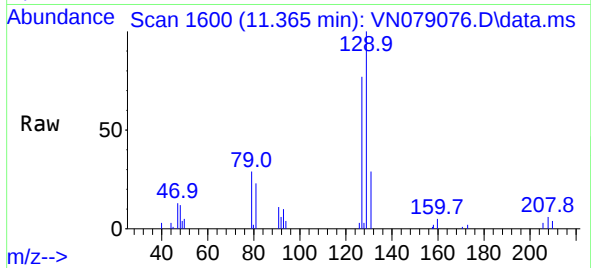
Tgt Ion: 83 Resp: 69451
Ion Ratio Lower Upper
83 100
85 56.5 50.2 75.2
127 7.7 6.2 9.4





#53
Dibromochloromethane
Concen: 11.080 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079076.D
Acq: 28 Aug 2023 18:56

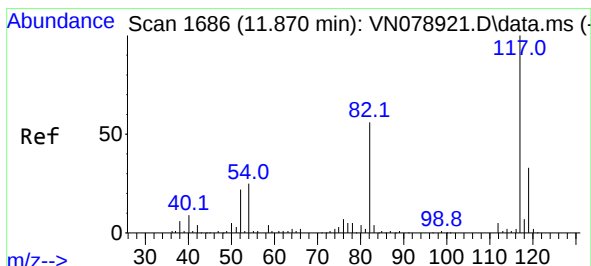
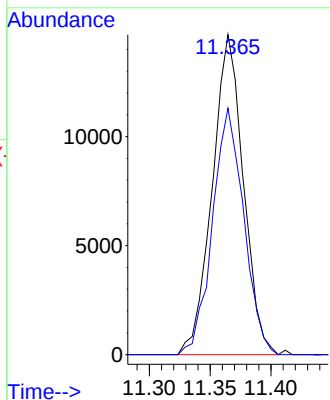
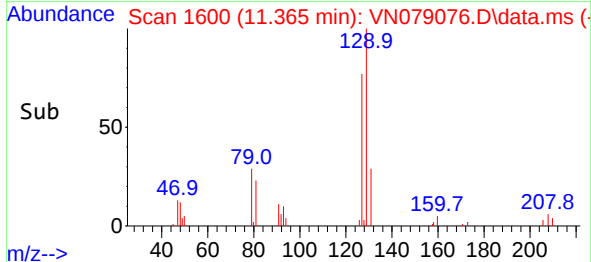
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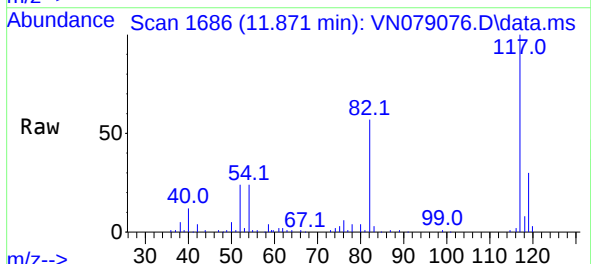
Tgt Ion:129 Resp: 26048
Ion Ratio Lower Upper
129 100
127 77.6 40.1 120.2

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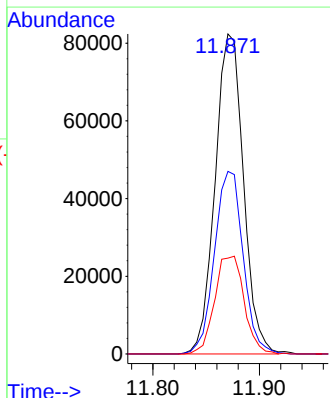
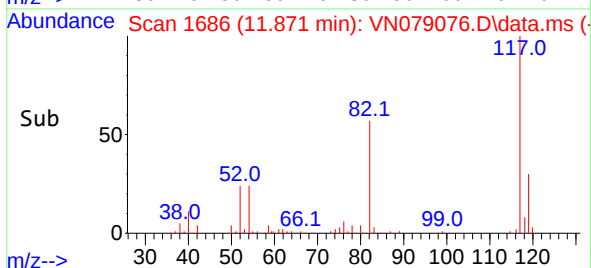
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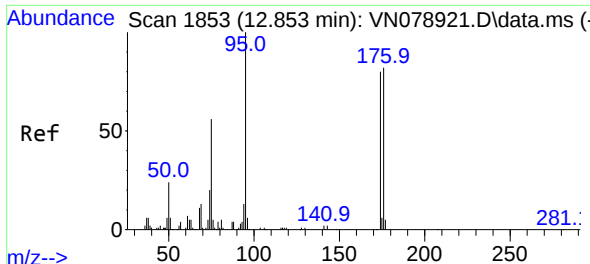


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079076.D
Acq: 28 Aug 2023 18:56



Tgt Ion:117 Resp: 152130
Ion Ratio Lower Upper
117 100
82 57.8 43.4 65.0
119 31.8 25.5 38.3





#60
4-Bromofluorobenzene
Concen: 22.979 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079076.D
Acq: 28 Aug 2023 18:56

Instrument :

MSVOA_N

ClientSampleId :

230815009-01

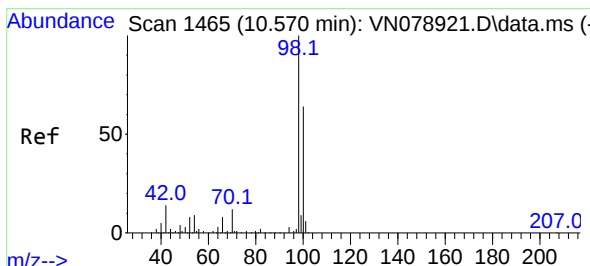
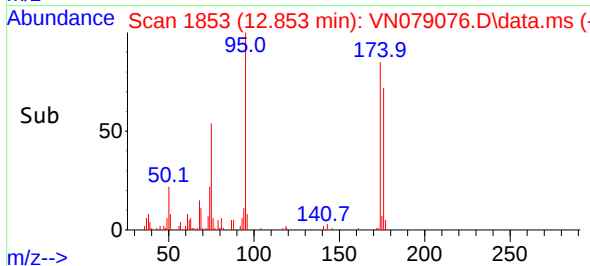
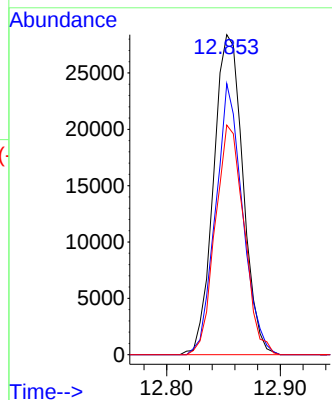
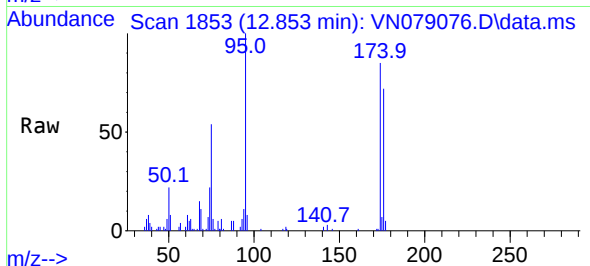
Tgt Ion: 95 Resp: 5099
Ion Ratio Lower Upper
95 100
174 77.8 64.8 97.2
176 70.2 63.0 94.6

Manual Integrations

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#63
Toluene-d8
Concen: 31.791 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079076.D
Acq: 28 Aug 2023 18:56

Tgt Ion: 98 Resp: 225852
Ion Ratio Lower Upper
98 100
100 62.5 51.1 76.7

