

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079064.D
 Acq On : 28 Aug 2023 13:56
 Operator : JC\MD
 Sample : 04092-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-002

Manual Integrations
 APPROVED

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

Quant Time: Aug 29 05:21:44 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	37701	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	195106	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	166500	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	90790	29.725	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.067%	
60) 4-Bromofluorobenzene	12.853	95	59056	24.315	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	81.067%	
63) Toluene-d8	10.571	98	237161	30.501	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.667%	
Target Compounds						
15) Acetone	4.430	58	1253490	3320.971	ug/l	93
25) Chloroform	7.977	83	79022	17.755	ug/l	95
41) Bromodichloromethane	9.894	83	15309	4.740	ug/l	99
53) Dibromochloromethane	11.365	129	14434	6.077	ug/l	99
56) Bromoform	12.582	173	34456	20.560	ug/l	97

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

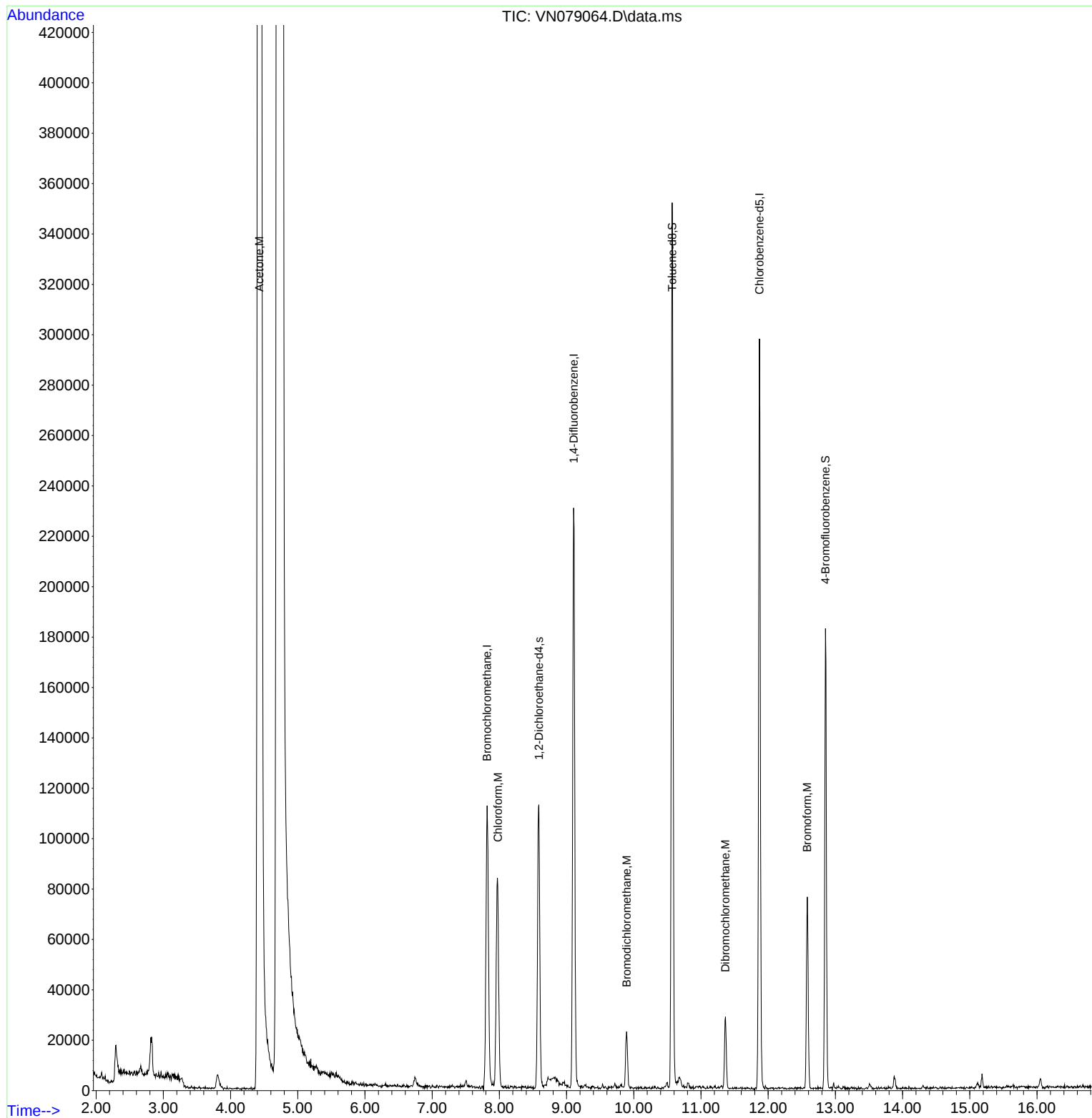
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
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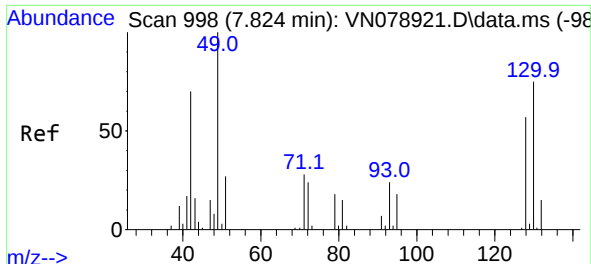
Instrument :
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Quant Time: Aug 29 05:21:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
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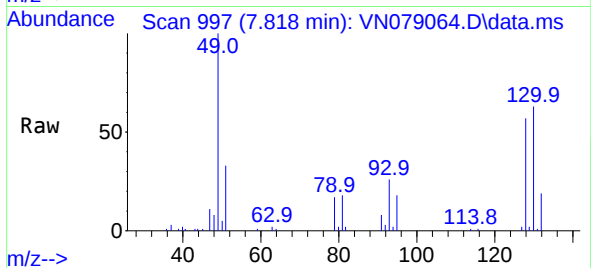
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN079064.D
Acq: 28 Aug 2023 13:56

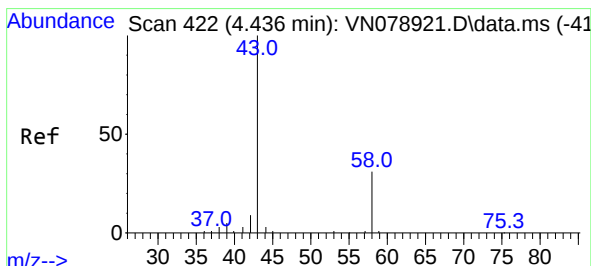
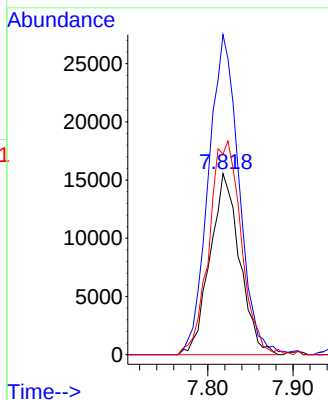
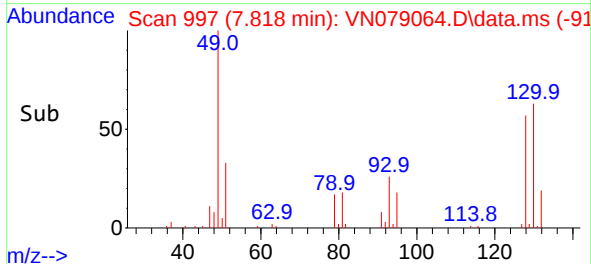
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002



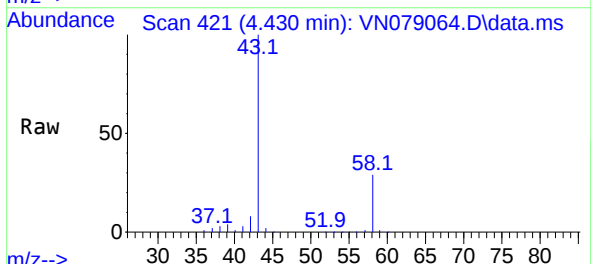
Tgt Ion:128 Resp: 3770
Ion Ratio Lower Upper
128 100
49 181.8 0.0 481.8
130 127.2 0.0 320.5

Manual Integrations
APPROVED

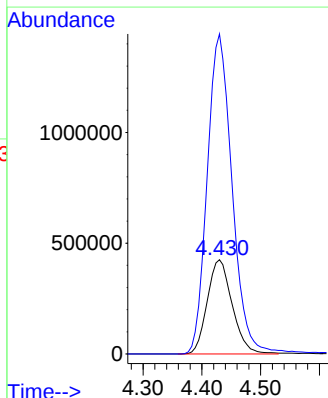
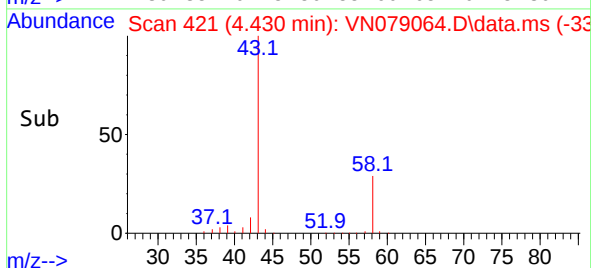
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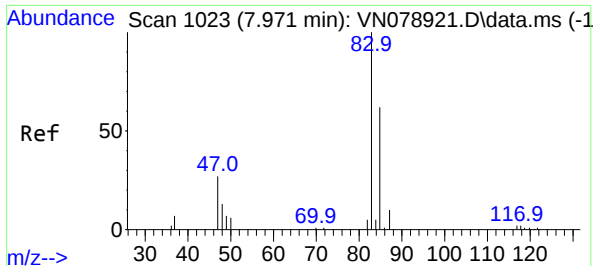


#15
Acetone
Concen: 3320.971 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.006 min
Lab File: VN079064.D
Acq: 28 Aug 2023 13:56



Tgt Ion: 58 Resp: 1253490
Ion Ratio Lower Upper
58 100
43 339.3 260.6 390.8





#25

Chloroform

Concen: 17.755 ug/l

RT: 7.977 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN079064.D

Acq: 28 Aug 2023 13:56

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-002

Tgt Ion: 83 Resp: 7902

Ion Ratio Lower Upper

83 100

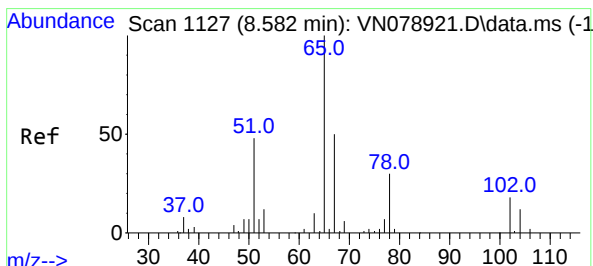
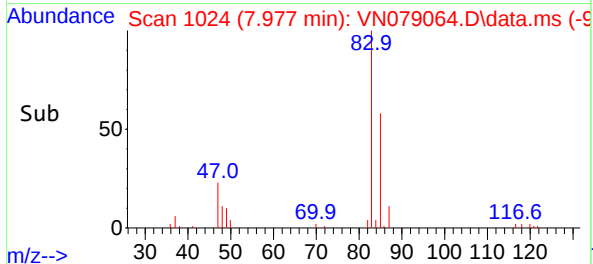
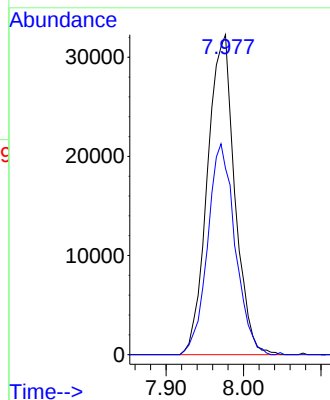
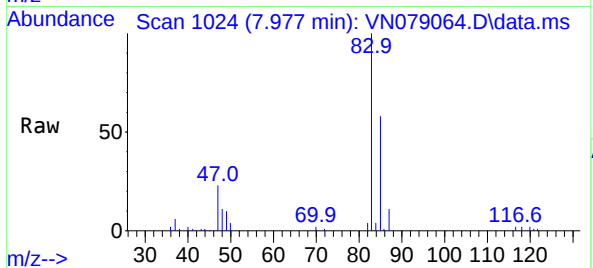
85 58.3 49.6 74.4

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 29.725 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN079064.D

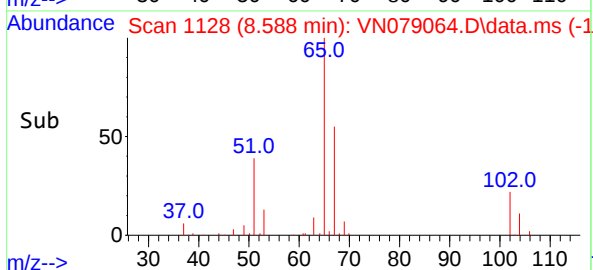
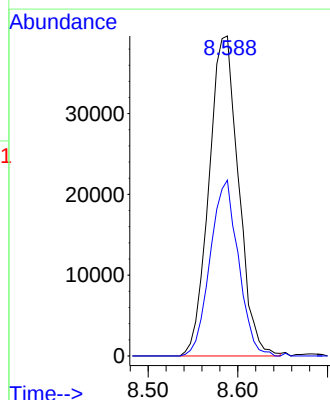
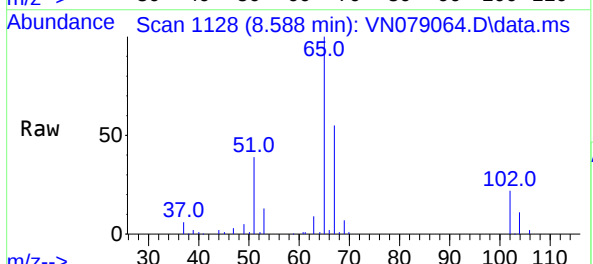
Acq: 28 Aug 2023 13:56

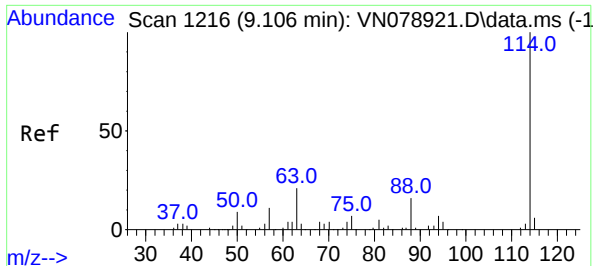
Tgt Ion: 65 Resp: 90790

Ion Ratio Lower Upper

65 100

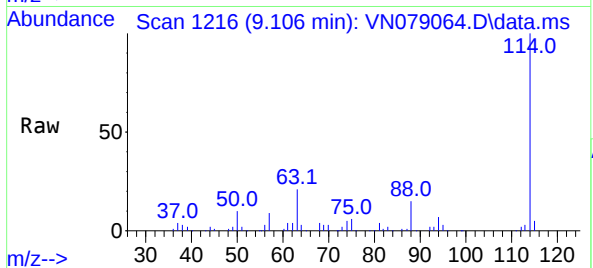
67 52.3 40.7 61.1





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079064.D
Acq: 28 Aug 2023 13:56

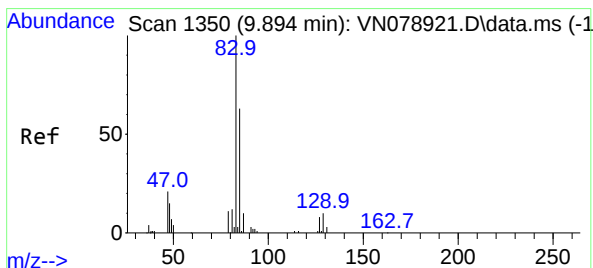
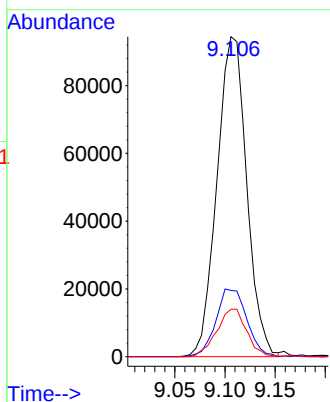
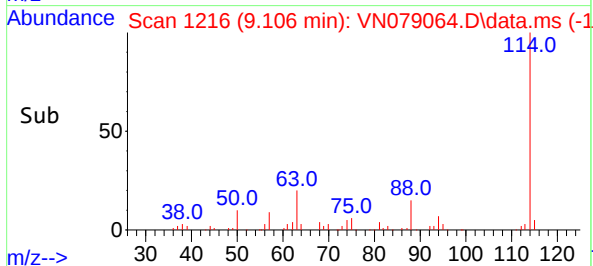
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002



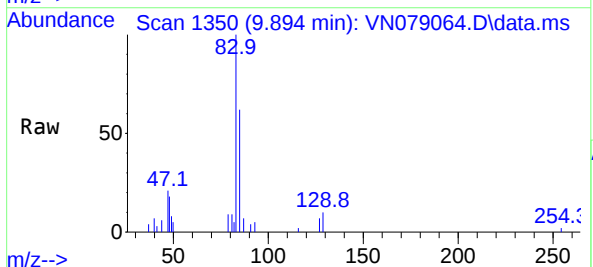
Tgt Ion:114 Resp: 195100
Ion Ratio Lower Upper
114 100
63 21.9 17.4 26.2
88 15.0 12.0 18.0

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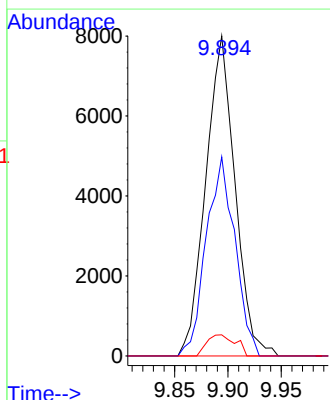
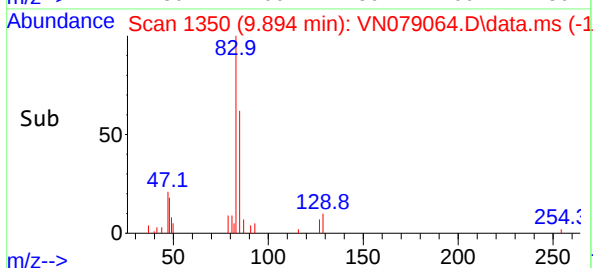
Reviewed By :John Carlone 08/29/2023
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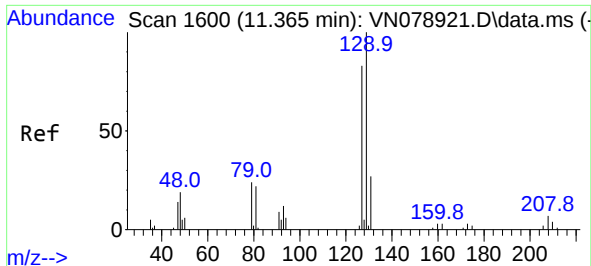


#41
Bromodichloromethane
Concen: 4.740 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079064.D
Acq: 28 Aug 2023 13:56



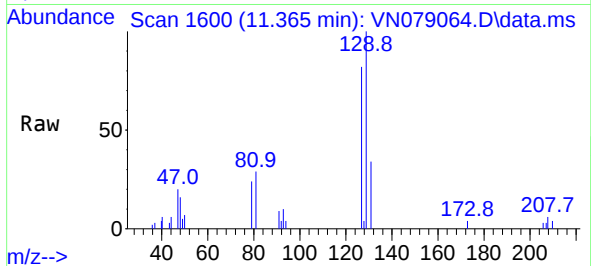
Tgt Ion: 83 Resp: 15309
Ion Ratio Lower Upper
83 100
85 62.2 50.2 75.2
127 6.6 6.2 9.4





#53
Dibromochloromethane
Concen: 6.077 ug/l
RT: 11.365 min Scan# 1136
Delta R.T. 0.000 min
Lab File: VN079064.D
Acq: 28 Aug 2023 13:56

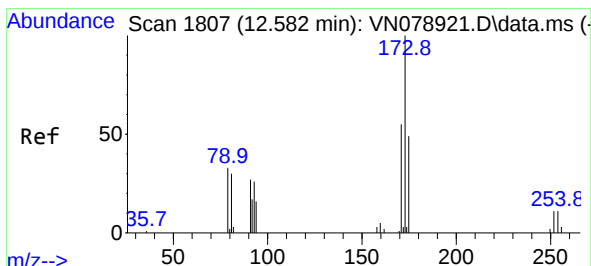
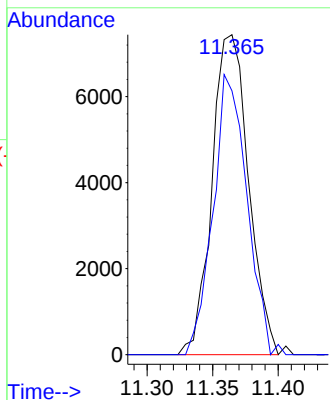
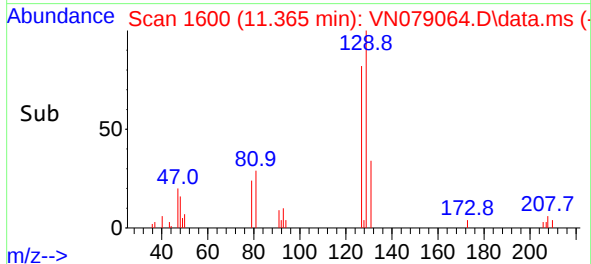
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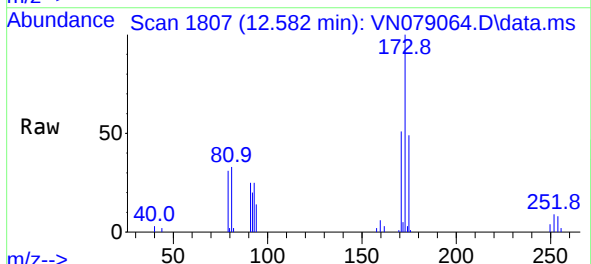
Tgt Ion:129 Resp: 14434
Ion Ratio Lower Upper
129 100
127 80.6 40.1 120.2

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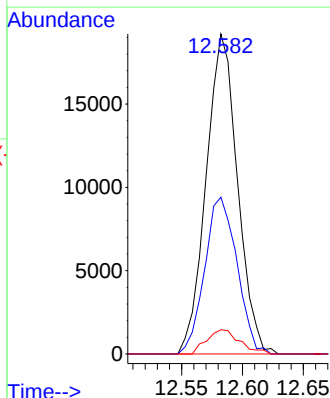
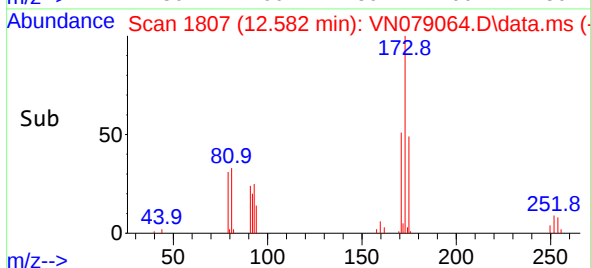
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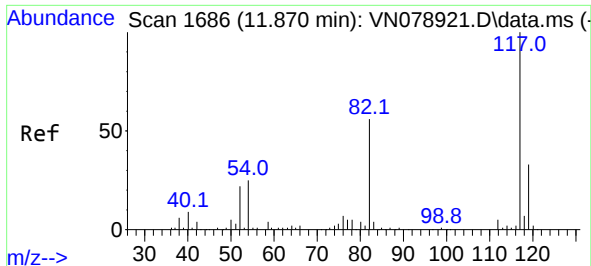


#56
Bromoform
Concen: 20.560 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079064.D
Acq: 28 Aug 2023 13:56



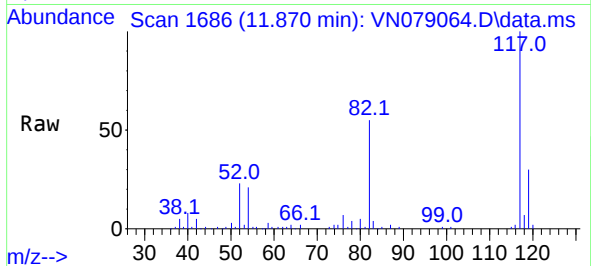
Tgt Ion:173 Resp: 34456
Ion Ratio Lower Upper
173 100
175 50.4 38.8 58.2
254 7.7 7.6 11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079064.D
Acq: 28 Aug 2023 13:56

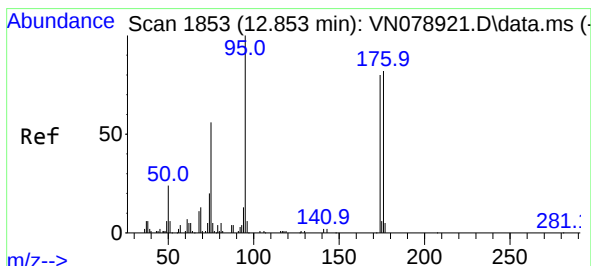
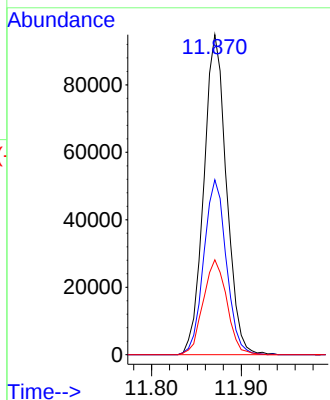
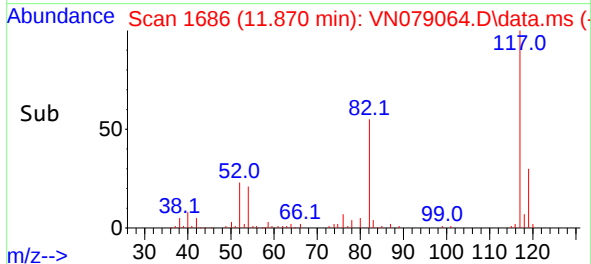
Instrument :
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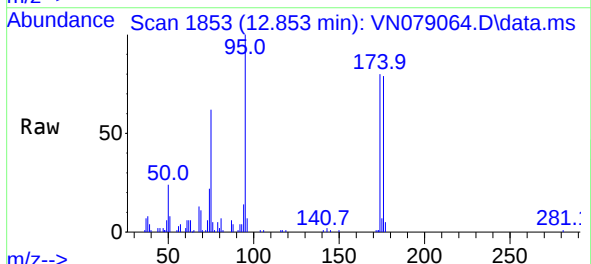
Tgt Ion: 117 Resp: 166500
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 30.9 25.5 38.3

Manual Integrations
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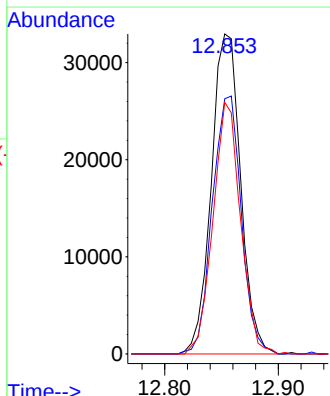
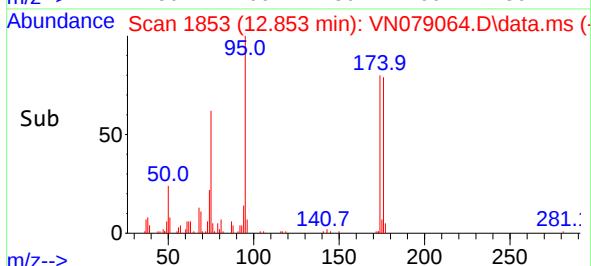
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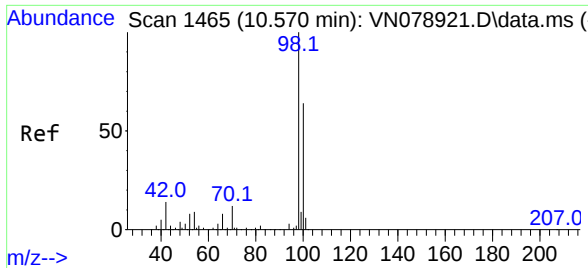


#60
4-Bromofluorobenzene
Concen: 24.315 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079064.D
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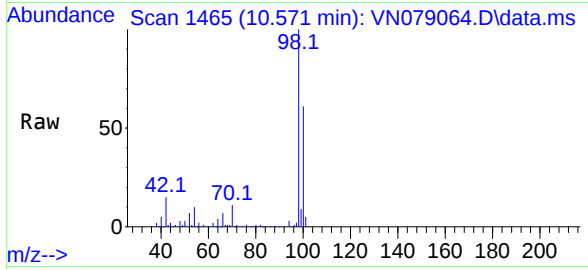
Tgt Ion: 95 Resp: 59056
Ion Ratio Lower Upper
95 100
174 79.5 64.8 97.2
176 73.8 63.0 94.6





#63
Toluene-d8
Concen: 30.501 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079064.D
Acq: 28 Aug 2023 13:56

Instrument :
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Tgt Ion: 98 Resp: 237163
Ion Ratio Lower Upper
98 100
100 63.2 51.1 76.7

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