

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
 Data File : VN078935.D
 Acq On : 17 Aug 2023 19:06
 Operator : JC\MD
 Sample : 04027-02DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(JUN)DL

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023

Quant Time: Aug 18 05:35:04 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	38796	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	203683	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	167682	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	94266	29.992	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.967%	
60) 4-Bromofluorobenzene	12.853	95	59819	24.456	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	81.533%	
63) Toluene-d8	10.571	98	242373	30.952	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	103.167%	
Target Compounds						
15) Acetone	4.442	58	13702	35.277	ug/l	Qvalue 91
30) 2-Butanone	7.506	43	5844m	3.222	ug/l	
58) 4-Methyl-2-Pentanone	10.453	43	1827m	0.549	ug/l	
62) Toluene	10.635	91	193695	21.158	ug/l	98

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

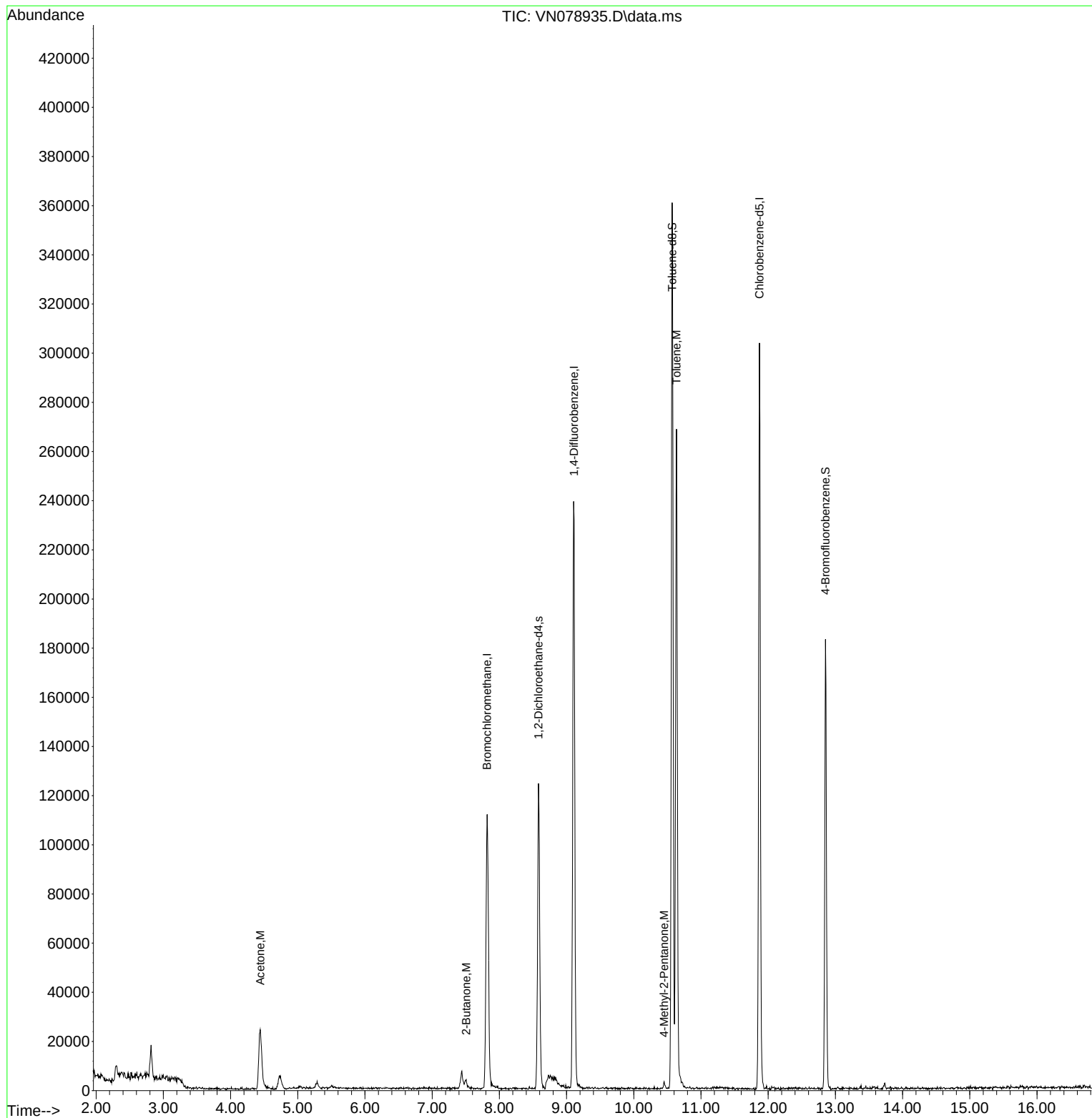
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
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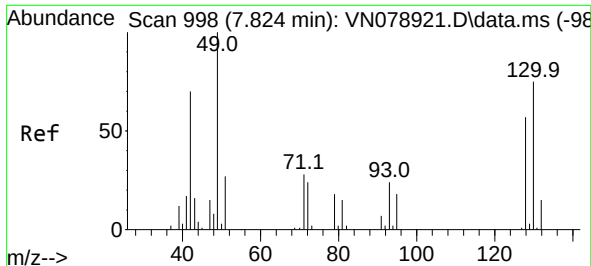
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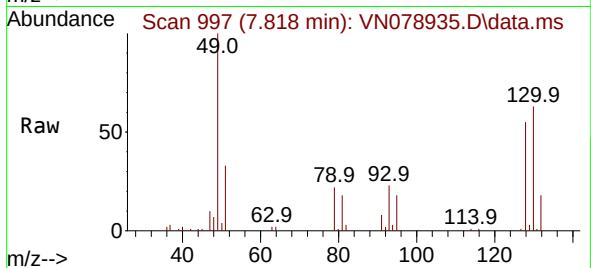
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN078935.D
Acq: 17 Aug 2023 19:06

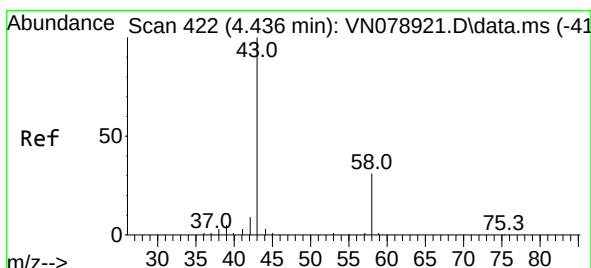
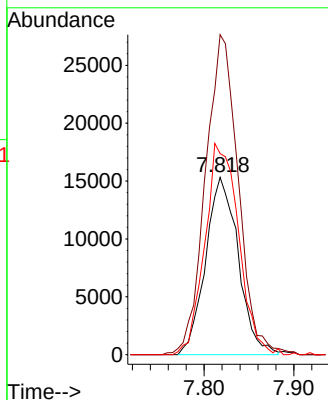
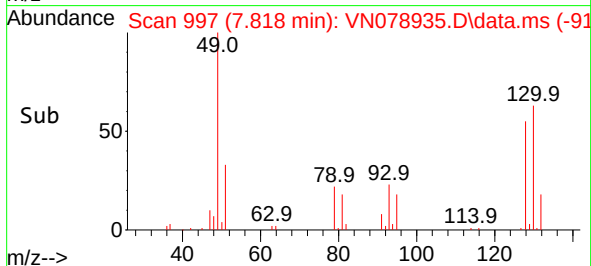
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUN)DL



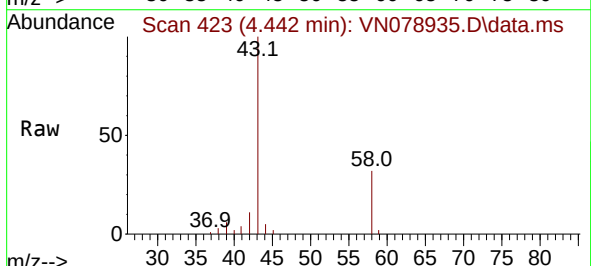
Tgt Ion:128 Resp: 38790
Ion Ratio Lower Upper
128 100
49 181.2 0.0 481.8
130 122.5 0.0 320.5

Manual Integrations
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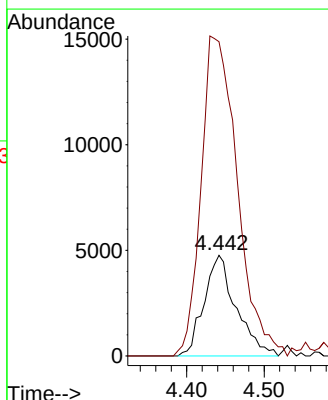
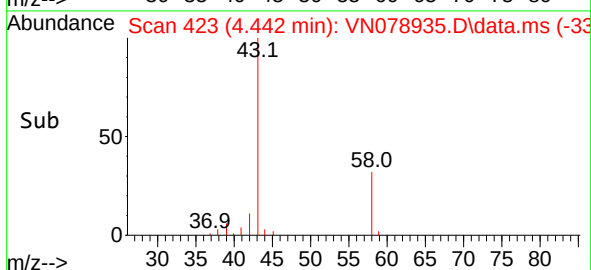
Reviewed By :John Carlone 08/18/2023
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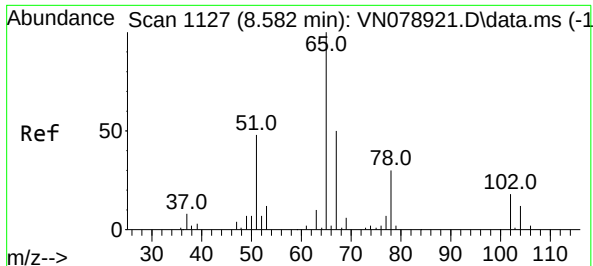


#15
Acetone
Concen: 35.277 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078935.D
Acq: 17 Aug 2023 19:06



Tgt Ion: 58 Resp: 13702
Ion Ratio Lower Upper
58 100
43 307.1 260.6 390.8





#27

1,2-Dichloroethane-d4

Concen: 29.992 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078935.D

Acq: 17 Aug 2023 19:06

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(JUN)DL

Tgt Ion: 65 Resp: 94260

Ion Ratio Lower Upper

65 100

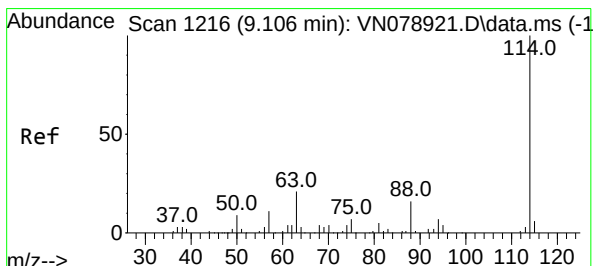
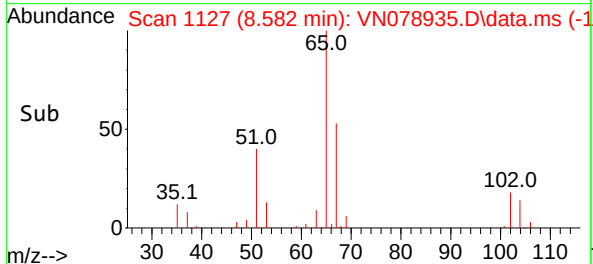
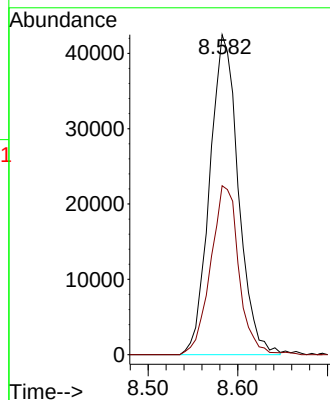
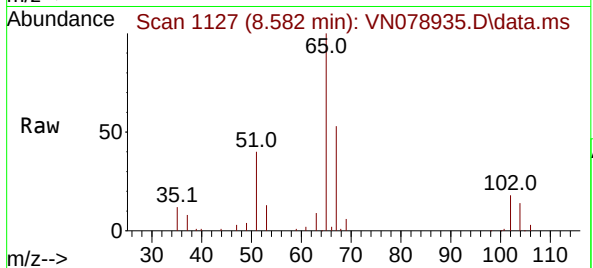
67 51.6 40.7 61.1

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078935.D

Acq: 17 Aug 2023 19:06

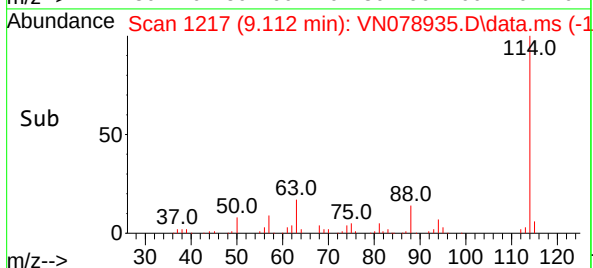
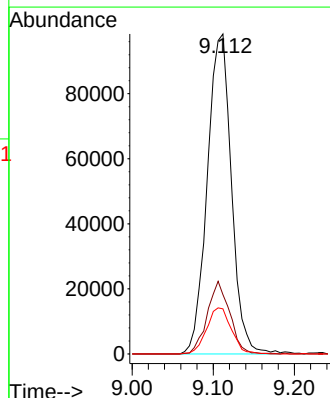
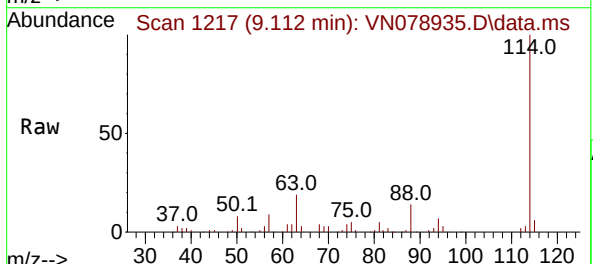
Tgt Ion:114 Resp: 203683

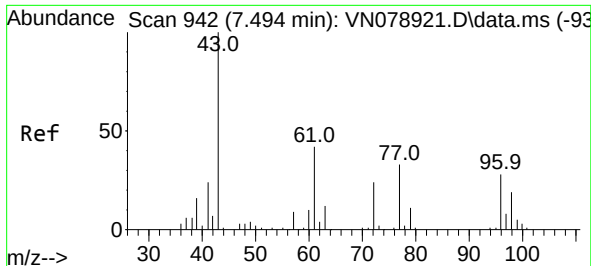
Ion Ratio Lower Upper

114 100

63 21.0 17.4 26.2

88 14.7 12.0 18.0





#30

2-Butanone

Concen: 3.222 ug/l m

RT: 7.506 min Scan# 942

Delta R.T. 0.012 min

Lab File: VN078935.D

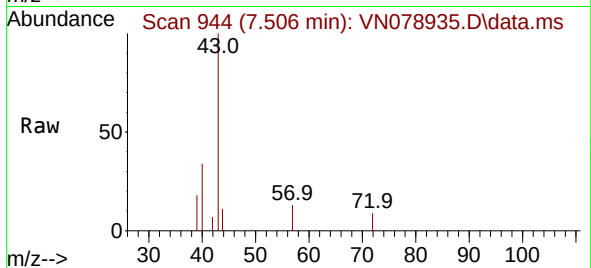
Acq: 17 Aug 2023 19:06

Instrument :

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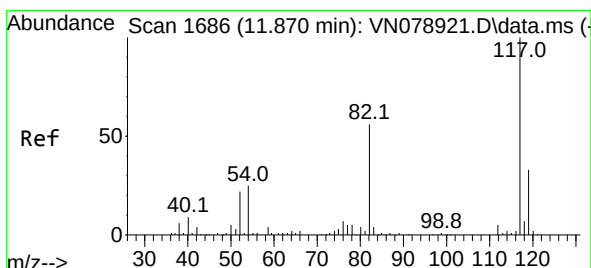
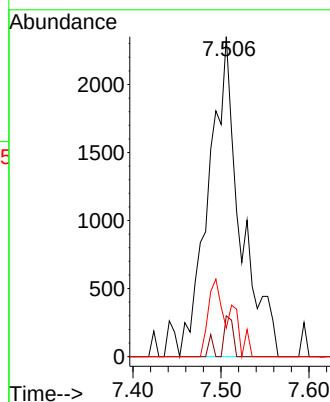
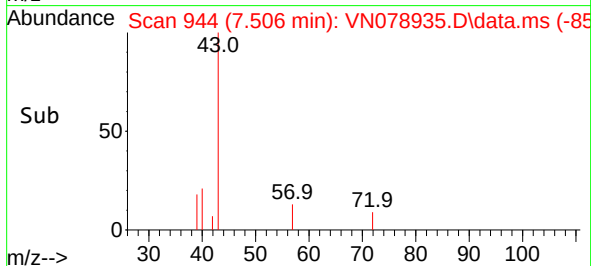
Tgt Ion:	43	Resp:	584
Ion Ratio	100	Lower	Upper
57	3.4	6.2	9.4
72	4.4	19.4	29.2

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#57

Chlorobenzene-d5

Concen: 30.000 ug/l

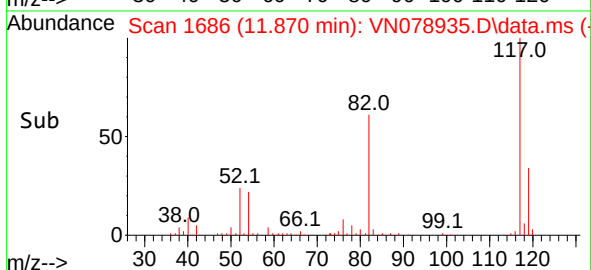
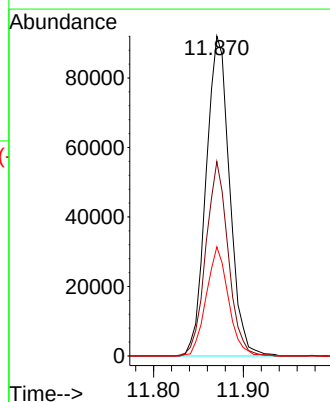
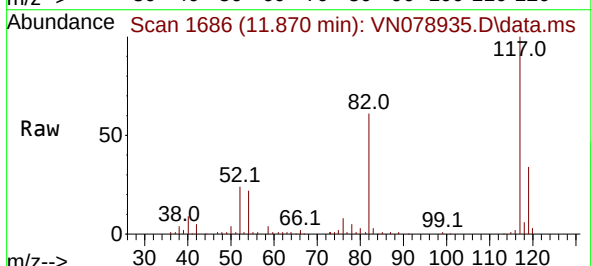
RT: 11.870 min Scan# 1686

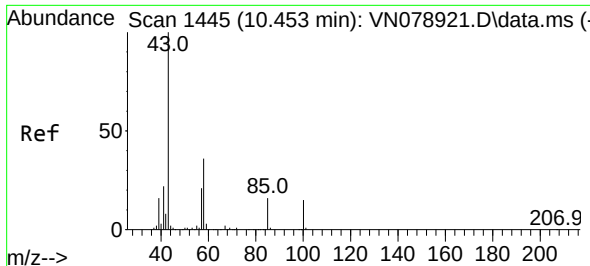
Delta R.T. 0.000 min

Lab File: VN078935.D

Acq: 17 Aug 2023 19:06

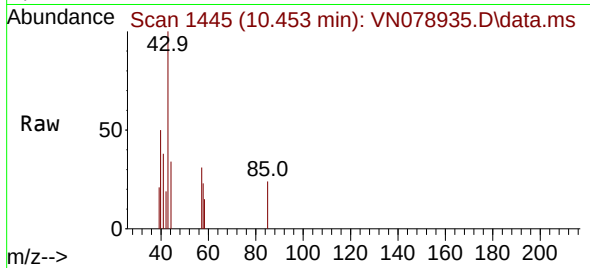
Tgt Ion:	117	Resp:	167682
Ion Ratio	100	Lower	Upper
82	57.8	43.4	65.0
119	32.2	25.5	38.3





#58
4-Methyl-2-Pentanone
Concen: 0.549 ug/l m
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078935.D
Acq: 17 Aug 2023 19:06

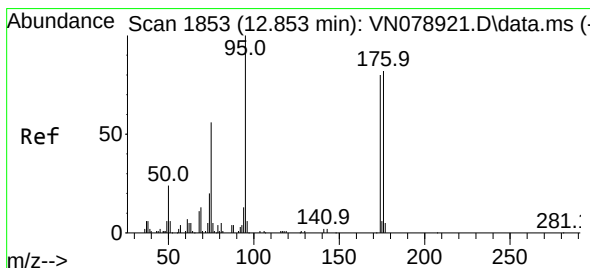
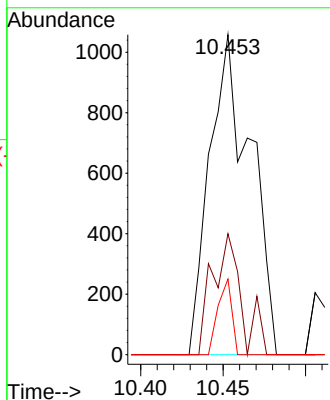
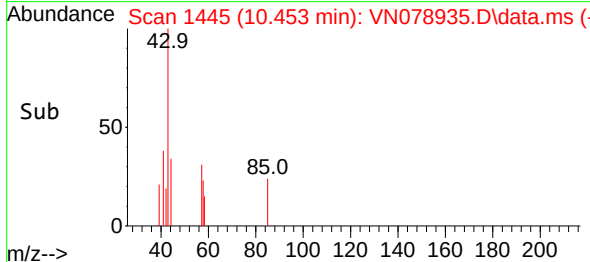
Instrument :
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Tgt Ion: 43 Resp: 182
Ion Ratio Lower Upper
43 100
58 23.1 28.8 43.2
85 8.0 12.7 19.1

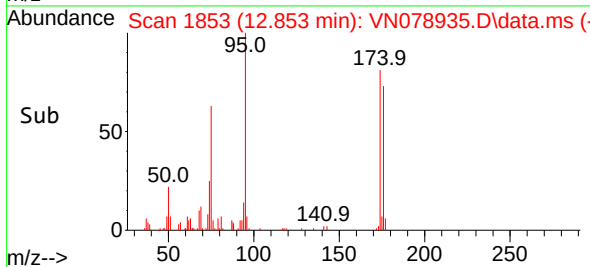
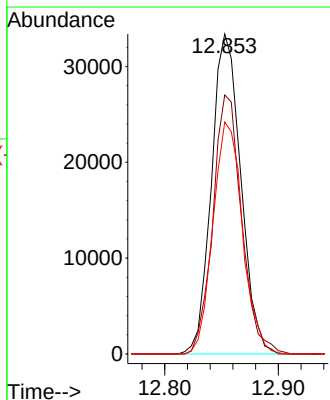
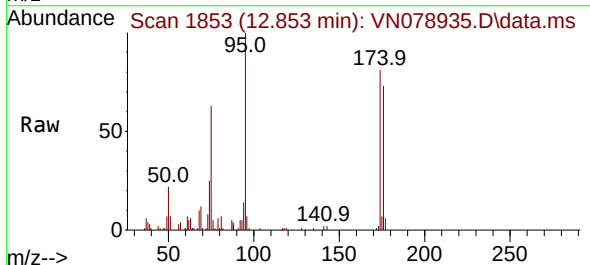
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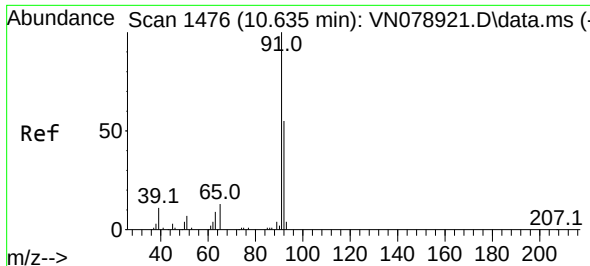
Reviewed By :John Carlone 08/18/2023
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#60
4-Bromofluorobenzene
Concen: 24.456 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078935.D
Acq: 17 Aug 2023 19:06

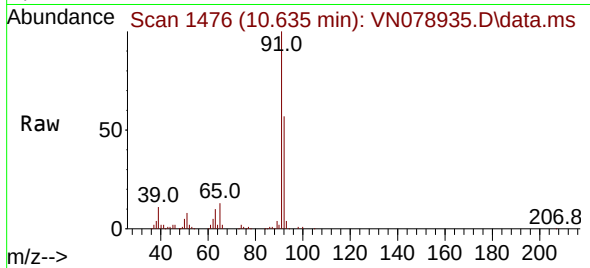
Tgt Ion: 95 Resp: 59819
Ion Ratio Lower Upper
95 100
174 79.3 64.8 97.2
176 73.2 63.0 94.6





#62
Toluene
Concen: 21.158 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078935.D
Acq: 17 Aug 2023 19:06

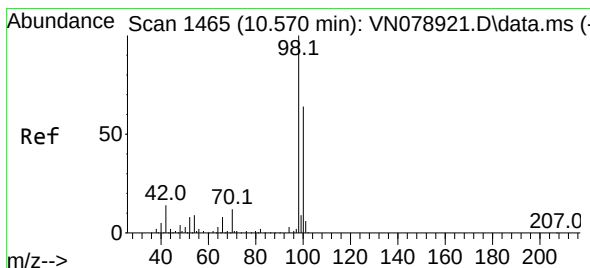
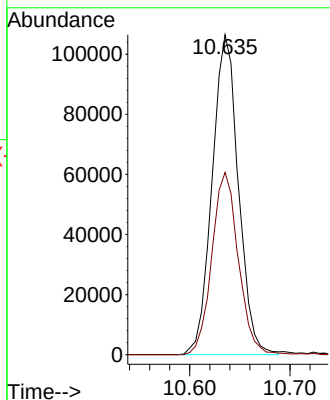
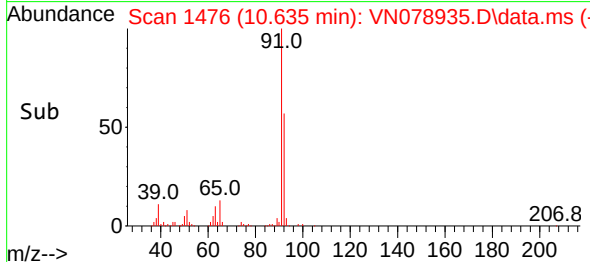
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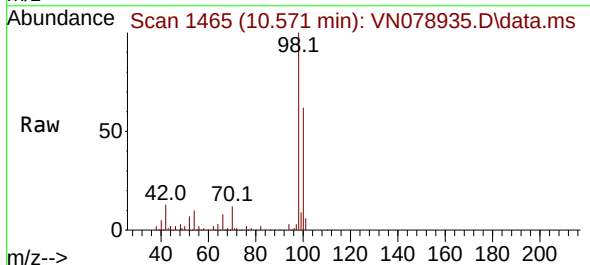
Tgt Ion: 91 Resp: 19369
Ion Ratio Lower Upper
91 100
92 57.4 44.7 67.1

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#63
Toluene-d8
Concen: 30.952 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078935.D
Acq: 17 Aug 2023 19:06



Tgt Ion: 98 Resp: 242373
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

