

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
 Data File : VN078752.D
 Acq On : 03 Aug 2023 14:55
 Operator : JC\MD
 Sample : 03884-04DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023

Quant Time: Aug 04 06:31:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	136483	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	745844	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	369128	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	311288	30.427	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.433%			
60) 4-Bromofluorobenzene	12.859	95	107062	19.353	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 64.500%			
63) Toluene-d8	10.577	98	550218	30.174	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.567%			
Target Compounds						
15) Acetone	4.453	58	42144	40.276	ug/l	Qvalue 77
18) Methylene Chloride	5.300	84	6115m	0.670	ug/l	
25) Chloroform	7.977	83	39048	2.383	ug/l	97
30) 2-Butanone	7.500	43	10534m	2.428	ug/l	
62) Toluene	10.635	91	475764	21.427	ug/l	99

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

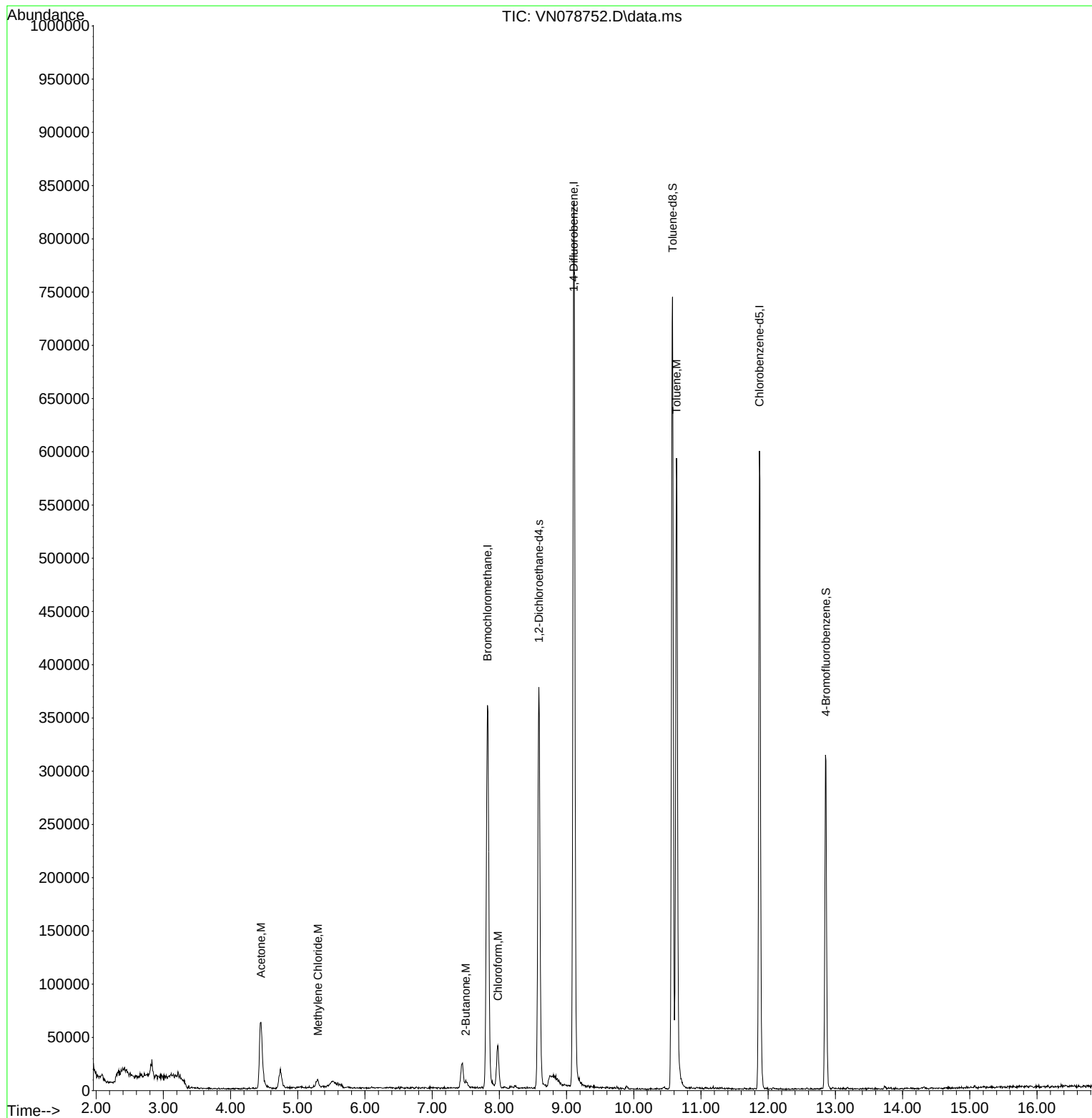
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
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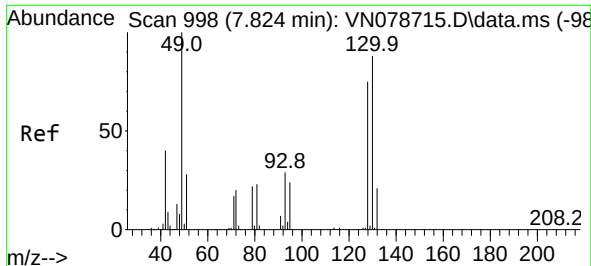
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Quant Time: Aug 04 06:31:23 2023
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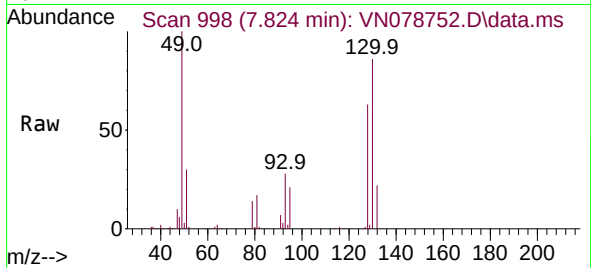
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078752.D
Acq: 03 Aug 2023 14:55

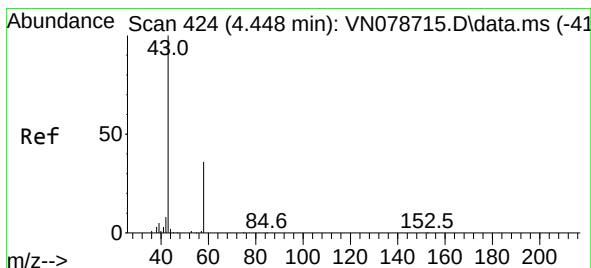
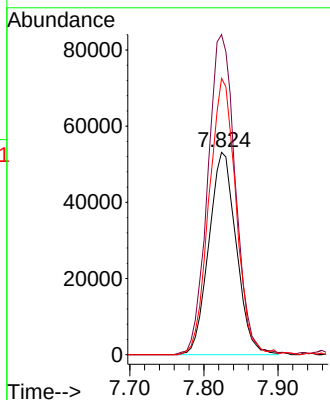
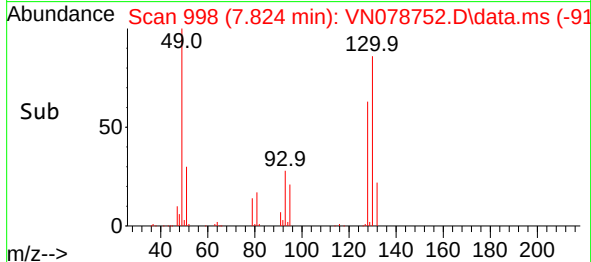
Instrument :
MSVOA_N
Client SampleId :
002-35TH-AVE-(JULY)DL



Tgt Ion: 128 Resp: 13648
Ion Ratio Lower Upper
128 100
49 159.7 0.0 370.8
130 133.6 0.0 307.0

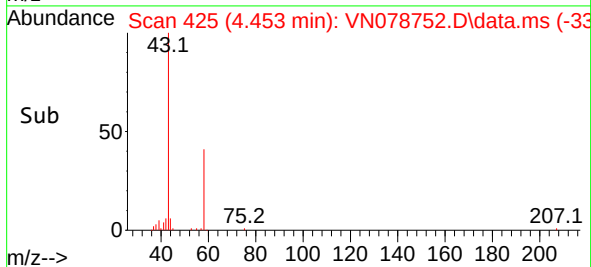
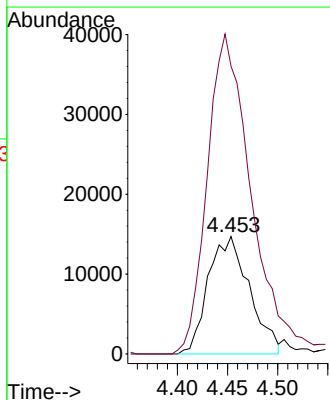
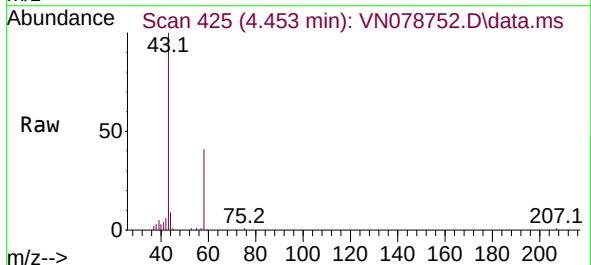
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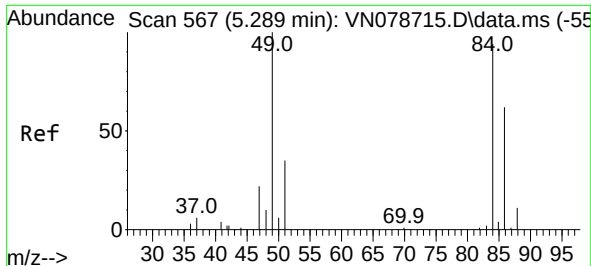
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#15
Acetone
Concen: 40.276 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN078752.D
Acq: 03 Aug 2023 14:55

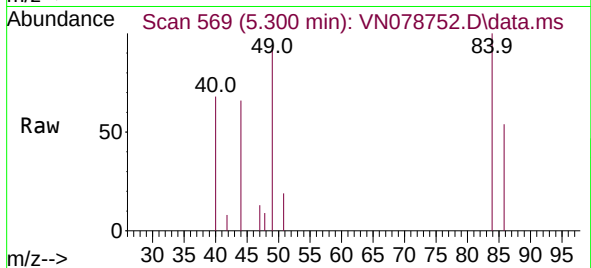
Tgt Ion: 58 Resp: 42144
Ion Ratio Lower Upper
58 100
43 241.6 227.5 341.3





#18
Methylene Chloride
Concen: 0.670 ug/l m
RT: 5.300 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN078752.D
Acq: 03 Aug 2023 14:55

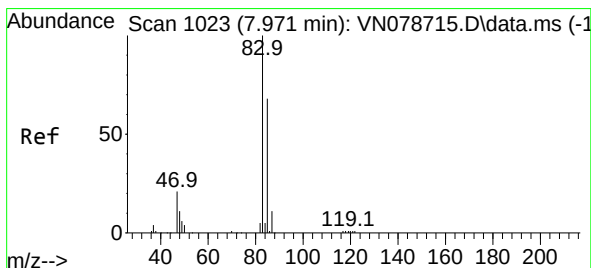
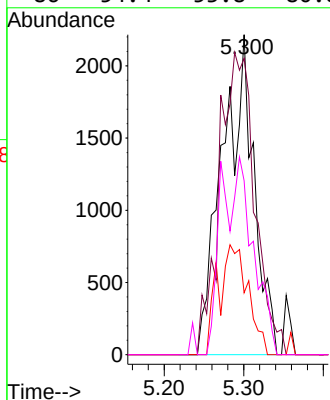
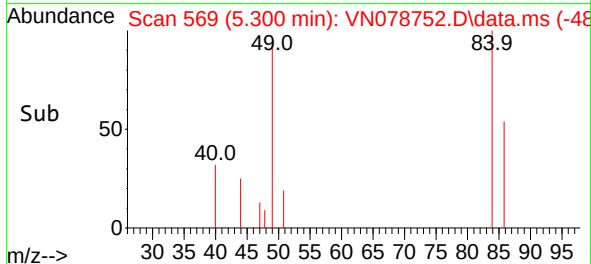
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE-(JULY)DL



Tgt Ion: 84 Resp: 611
Ion Ratio Lower Upper
84 100
49 92.6 88.1 132.1
51 19.4 24.0 36.0
86 54.4 53.8 80.8

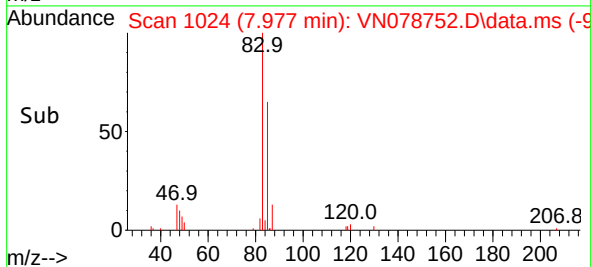
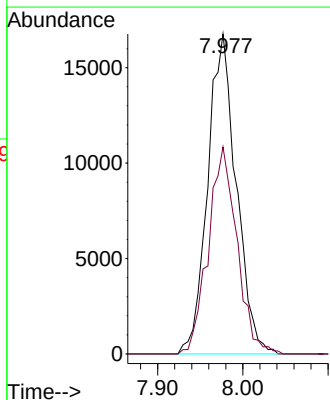
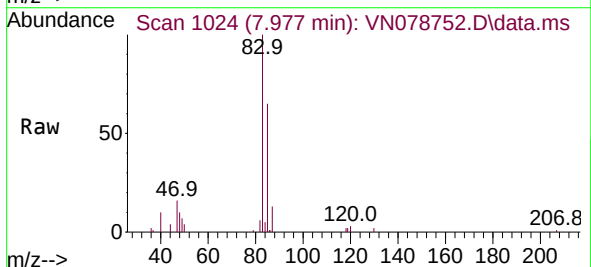
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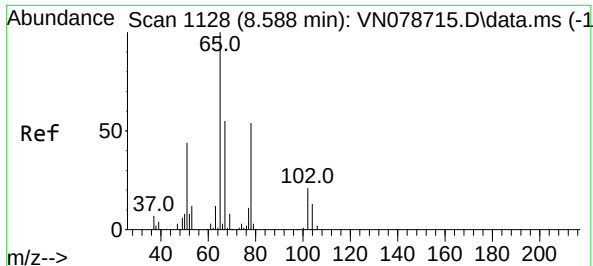
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#25
Chloroform
Concen: 2.383 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN078752.D
Acq: 03 Aug 2023 14:55

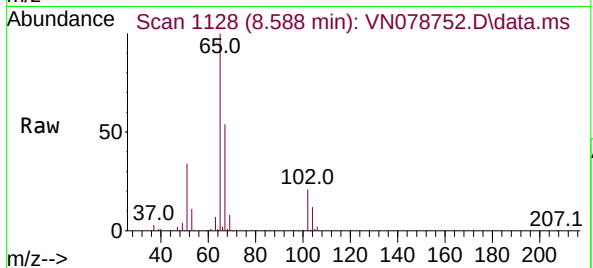
Tgt Ion: 83 Resp: 39048
Ion Ratio Lower Upper
83 100
85 64.7 53.4 80.0





#27
1,2-Dichloroethane-d4
Concen: 30.427 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078752.D
Acq: 03 Aug 2023 14:55

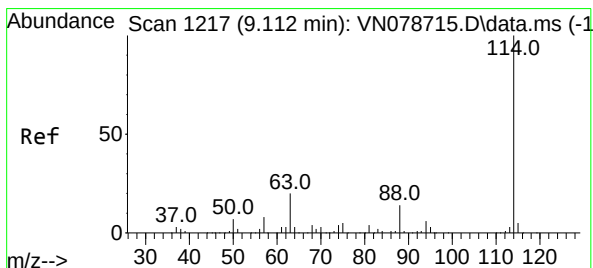
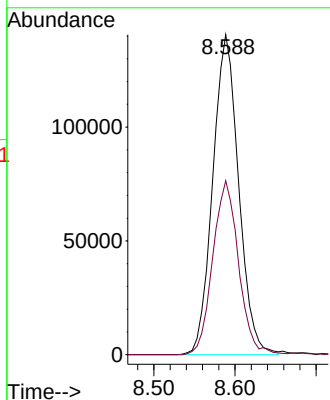
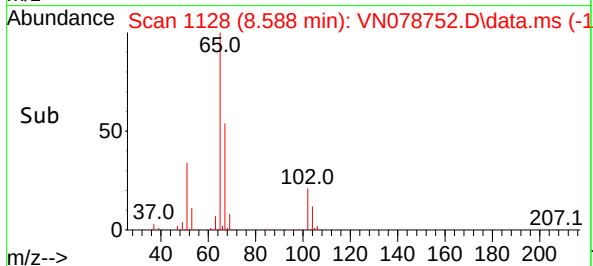
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE-(JULY)DL



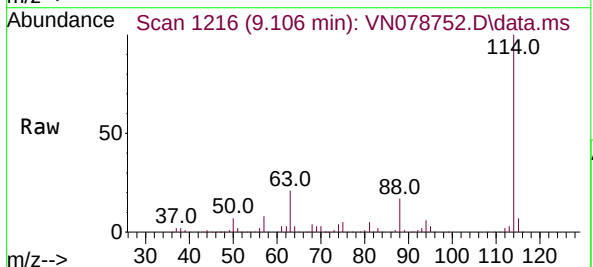
Tgt Ion: 65 Resp: 311288
Ion Ratio Lower Upper
65 100
67 54.1 42.9 64.3

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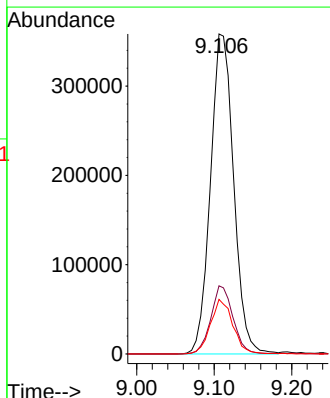
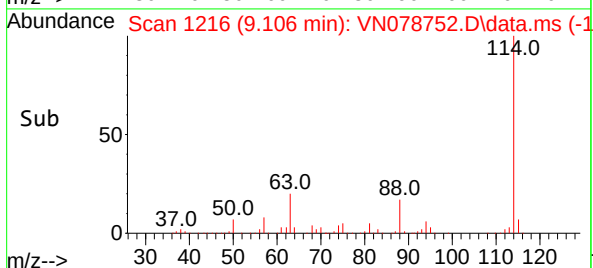
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

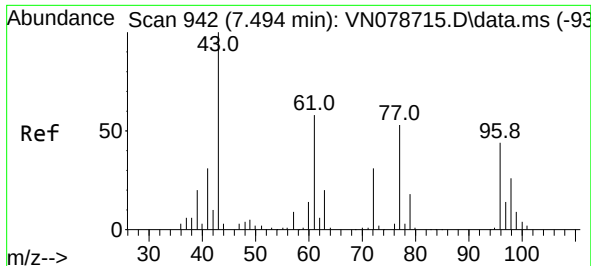


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078752.D
Acq: 03 Aug 2023 14:55



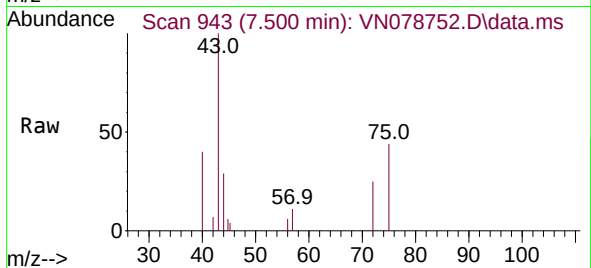
Tgt Ion:114 Resp: 745844
Ion Ratio Lower Upper
114 100
63 20.3 15.2 22.8
88 16.5 12.5 18.7





#30
2-Butanone
Concen: 2.428 ug/l m
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078752.D
Acq: 03 Aug 2023 14:55

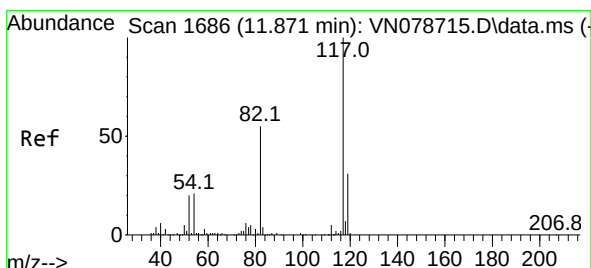
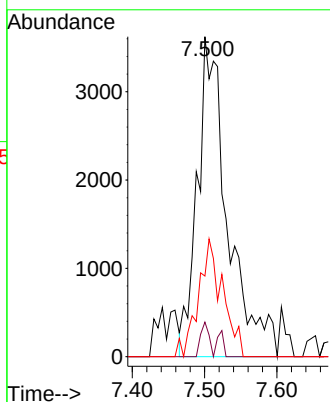
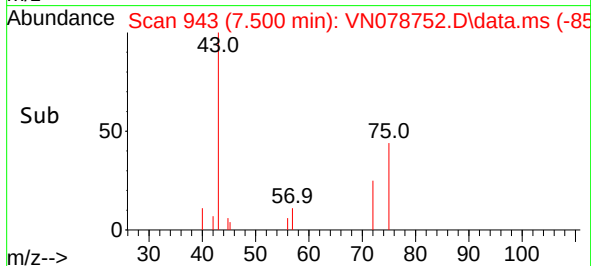
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Tgt Ion: 43 Resp: 10534
Ion Ratio Lower Upper
43 100
57 3.0 6.8 10.2
72 20.3 23.8 35.6

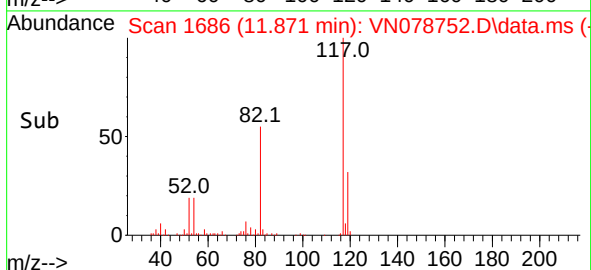
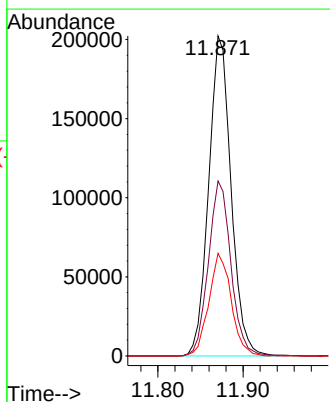
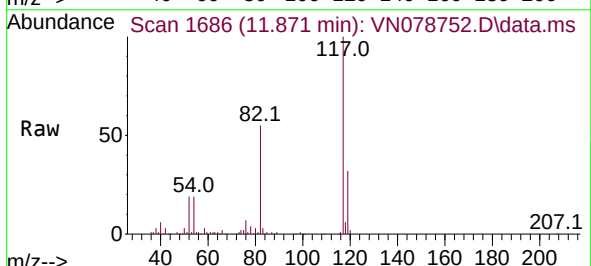
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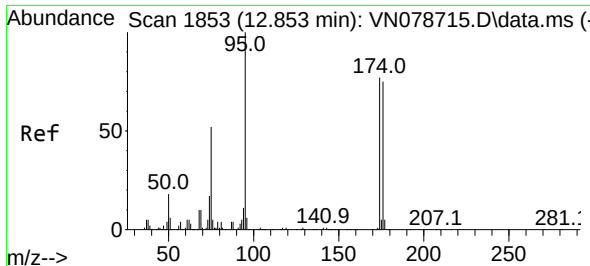
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078752.D
Acq: 03 Aug 2023 14:55

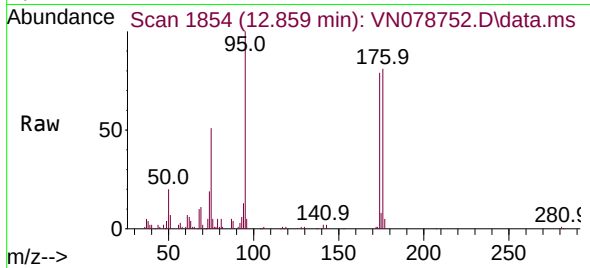
Tgt Ion:117 Resp: 369128
Ion Ratio Lower Upper
117 100
82 55.1 43.9 65.9
119 32.1 26.2 39.4





#60
4-Bromofluorobenzene
Concen: 19.353 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078752.D
Acq: 03 Aug 2023 14:55

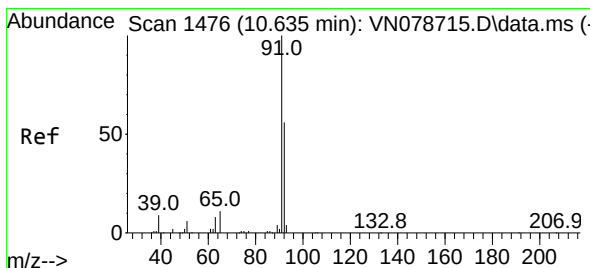
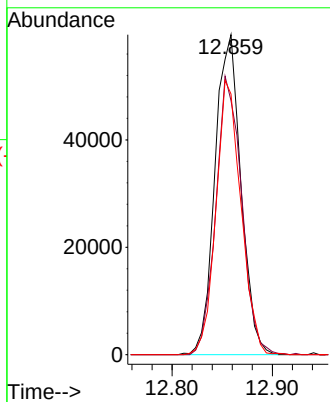
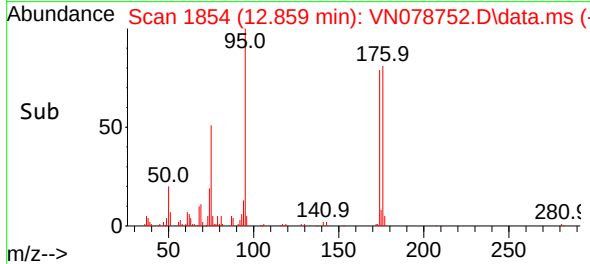
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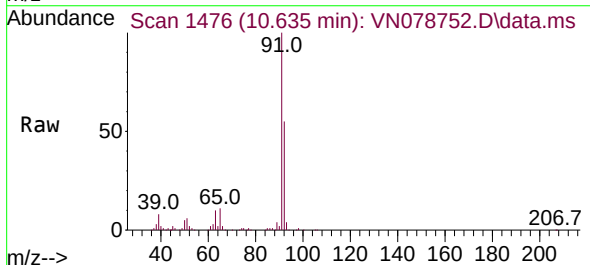
Tgt Ion: 95 Resp: 107062
Ion Ratio Lower Upper
95 100
174 86.3 61.7 92.5
176 82.5 58.1 87.1

Manual Integrations
APPROVED

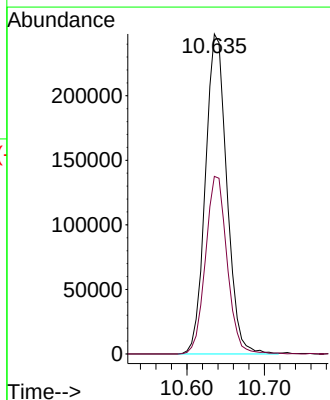
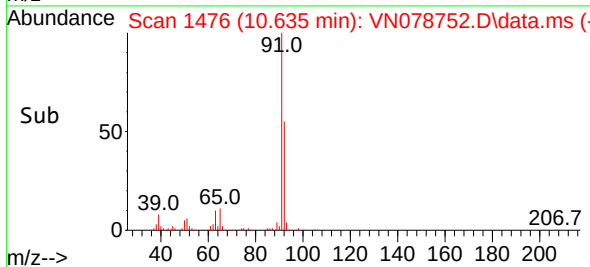
Reviewed By :Mahesh Dadoda 08/04/2023
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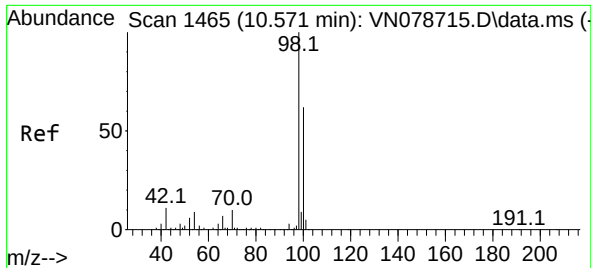


#62
Toluene
Concen: 21.427 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078752.D
Acq: 03 Aug 2023 14:55



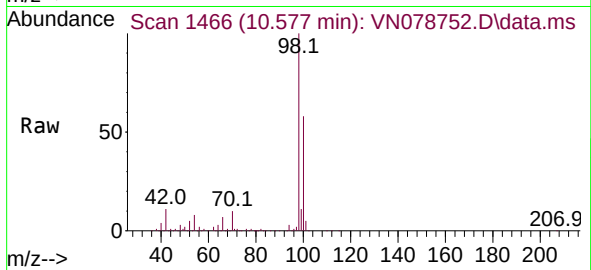
Tgt Ion: 91 Resp: 475764
Ion Ratio Lower Upper
91 100
92 56.0 45.2 67.8





#63
Toluene-d8
Concen: 30.174 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078752.D
Acq: 03 Aug 2023 14:55

Instrument :
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ClientSampleId :
002-35TH-AVE-(JULY)DL



Tgt Ion: 98 Resp: 550218
Ion Ratio Lower Upper
98 100
100 62.5 49.7 74.5

Manual Integrations
APPROVED

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