

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071350.D
 Acq On : 17 Mar 2022 14:19
 Operator : JC\MD
 Sample : N1978-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-RW7A-IDWGW-20220315

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/18/2022
 Supervised By :Semsettin Yesilyurt 03/21/2022

Quant Time: Mar 17 14:38:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	112586	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	627952	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	529524	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	279290	31.245	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.167%			
60) 4-Bromofluorobenzene	12.727	95	199462	24.382	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 81.267%			
63) Toluene-d8	10.439	98	754097	30.958	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.200%			
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.216	101	8064	1.275	ug/l	Qvalue 81
10) 1,1-Dichloroethene	4.187	96	5188m	0.806	ug/l	
15) Acetone	4.299	58	6062m	4.490	ug/l	
37) Trichloroethene	9.210	130	141434	18.974	ug/l	100

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

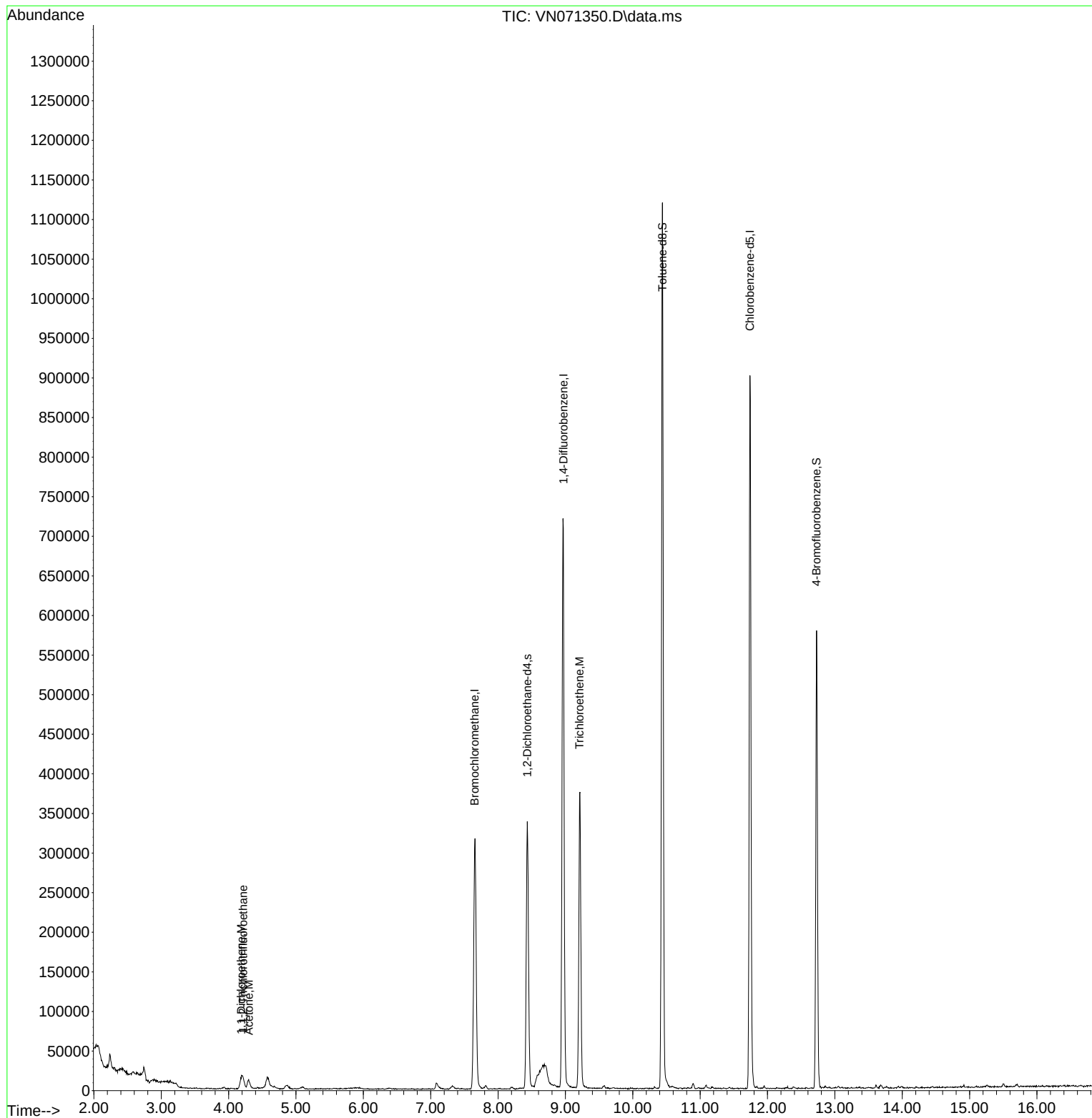
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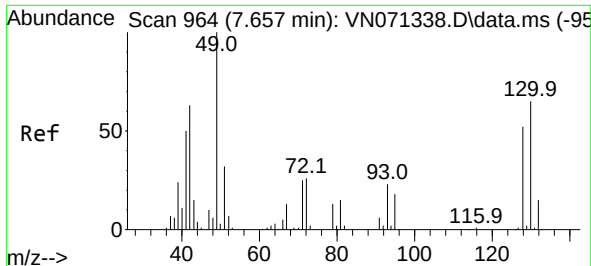
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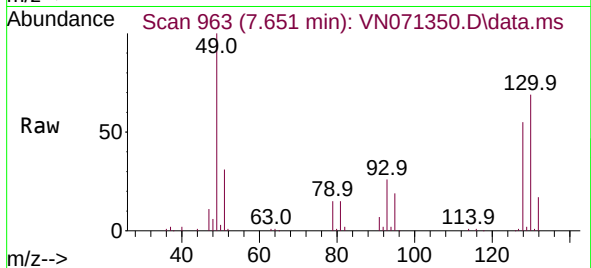
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071350.D
Acq: 17 Mar 2022 14:19

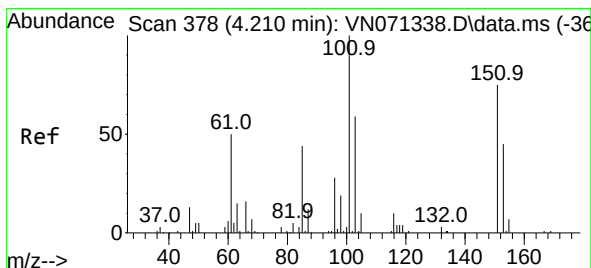
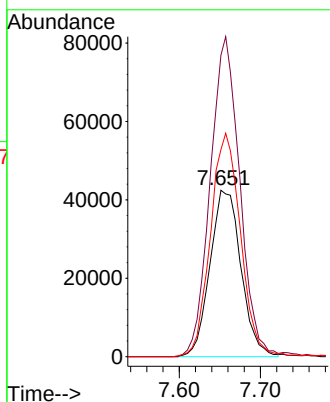
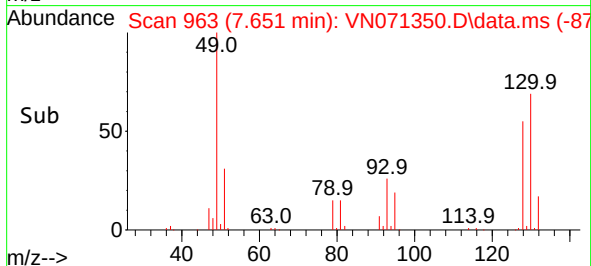
Instrument :
MSVOA_N
ClientSampleId :
TT-RW7A-IDWGW-20220315



Tgt Ion:128 Resp: 112580
Ion Ratio Lower Upper
128 100
49 182.8 0.0 392.3
130 130.3 0.0 320.2

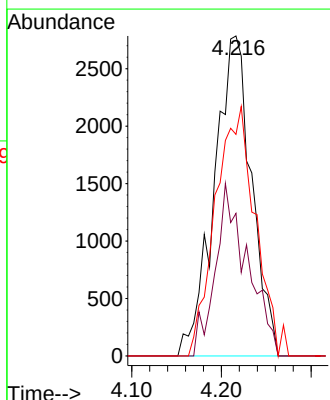
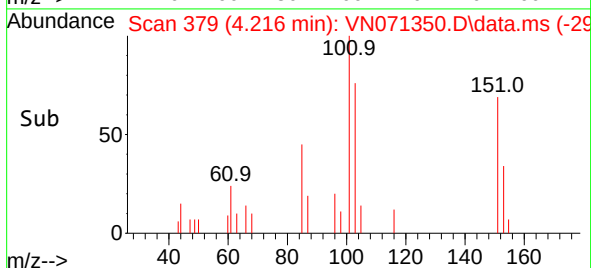
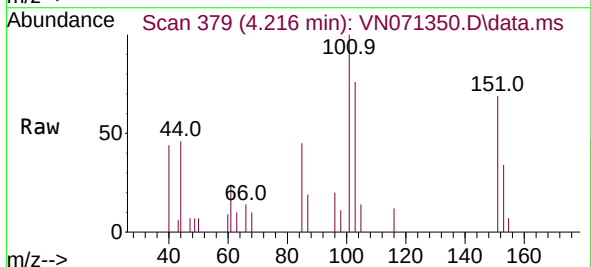
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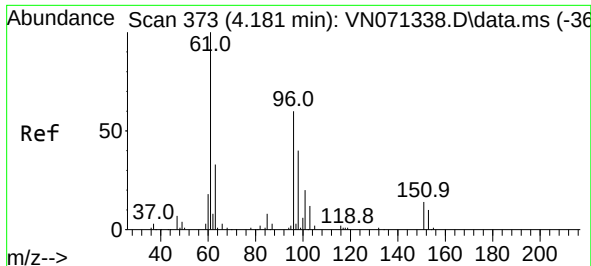
Reviewed By :John Carlone 03/18/2022
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.275 ug/l
RT: 4.216 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN071350.D
Acq: 17 Mar 2022 14:19

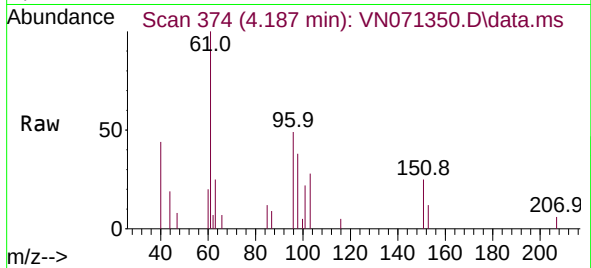
Tgt Ion:101 Resp: 8064
Ion Ratio Lower Upper
101 100
85 33.0 0.0 94.0
151 46.7 0.0 74.6





#10
1,1-Dichloroethene
Concen: 0.806 ug/l m
RT: 4.187 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071350.D
Acq: 17 Mar 2022 14:19

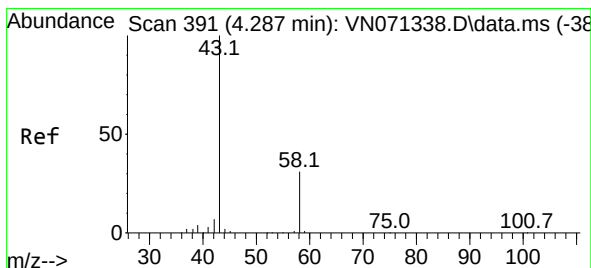
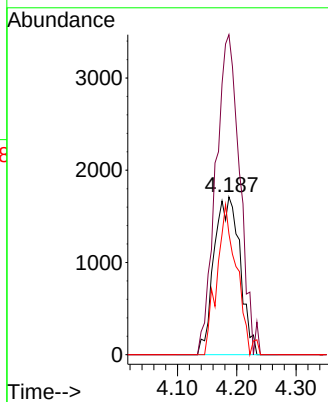
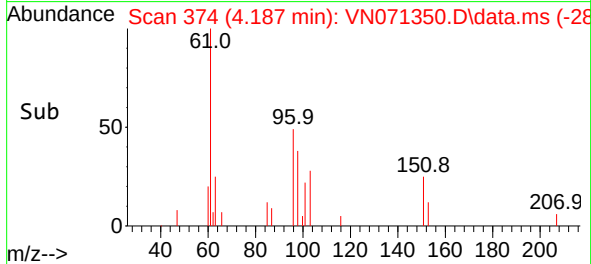
Instrument :
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ClientSampleId :
TT-RW7A-IDWGW-20220315



Tgt Ion: 96 Resp: 518
Ion Ratio Lower Upper
96 100
61 202.8 126.2 189.4
98 76.6 50.9 76.3

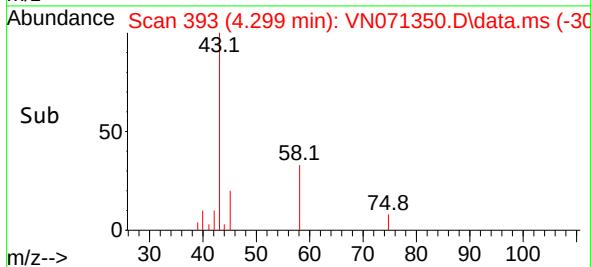
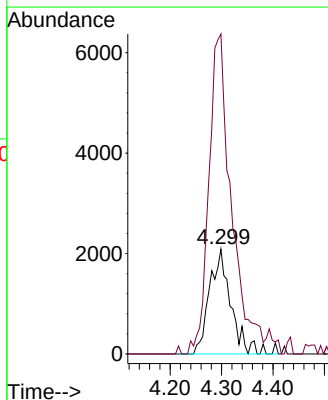
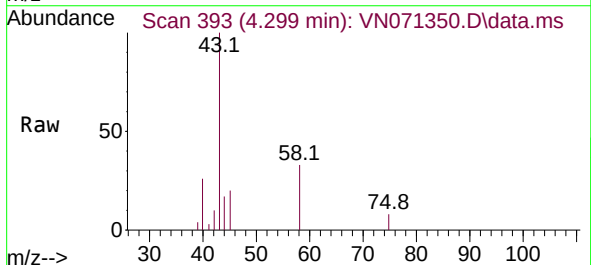
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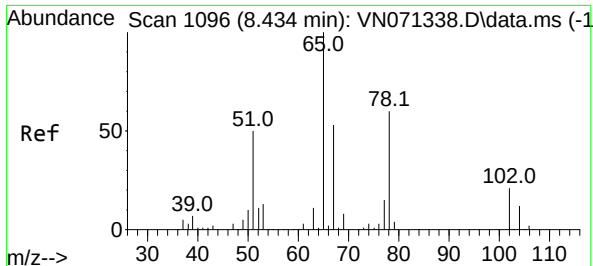
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#15
Acetone
Concen: 4.490 ug/l m
RT: 4.299 min Scan# 393
Delta R.T. 0.012 min
Lab File: VN071350.D
Acq: 17 Mar 2022 14:19

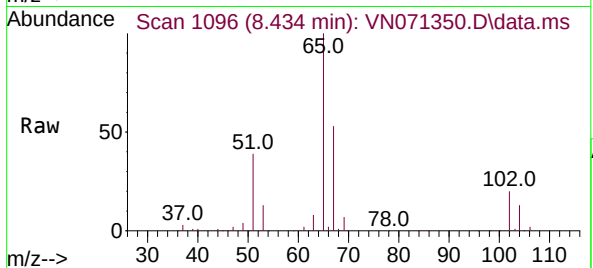
Tgt Ion: 58 Resp: 6062
Ion Ratio Lower Upper
58 100
43 305.5 256.6 384.8





#27
1,2-Dichloroethane-d4
Concen: 31.245 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071350.D
Acq: 17 Mar 2022 14:19

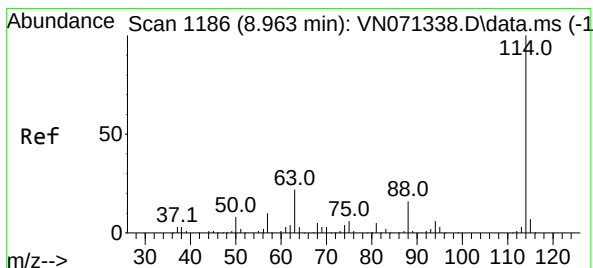
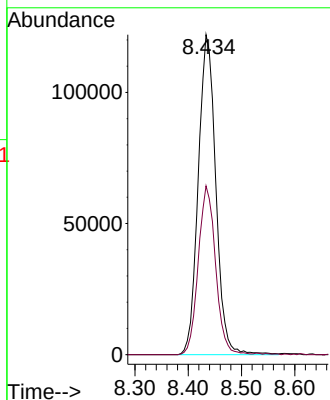
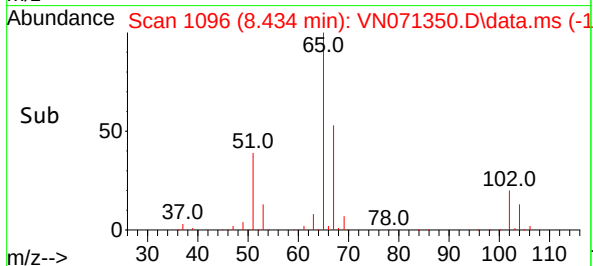
Instrument : MSVOA_N
ClientSampleId : TT-RW7A-IDWGW-20220315



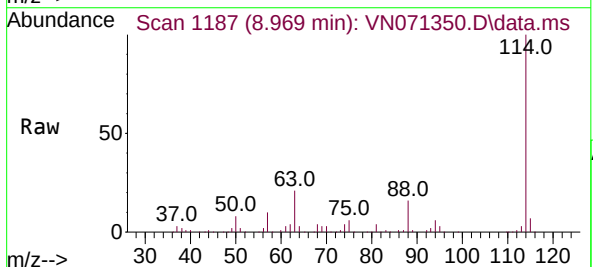
Tgt Ion: 65 Resp: 279290
Ion Ratio Lower Upper
65 100
67 52.0 40.2 60.2

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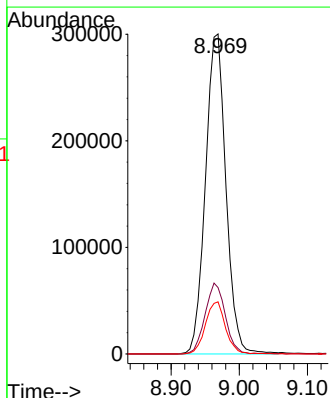
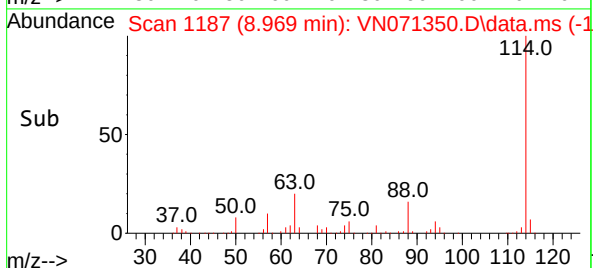
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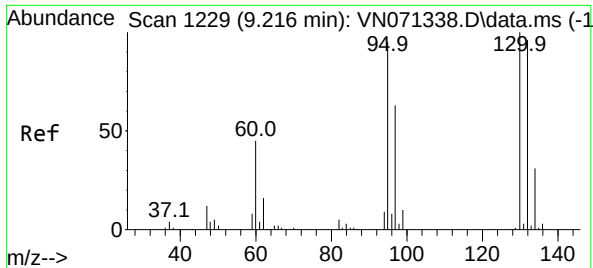


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071350.D
Acq: 17 Mar 2022 14:19



Tgt Ion:114 Resp: 627952
Ion Ratio Lower Upper
114 100
63 21.9 15.8 23.6
88 15.9 11.6 17.4





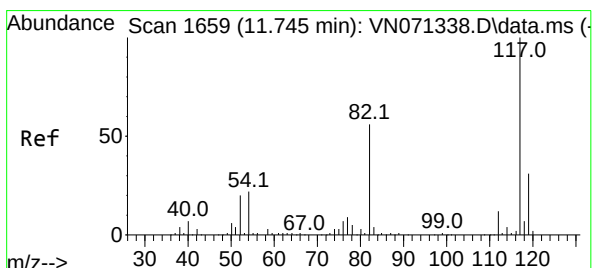
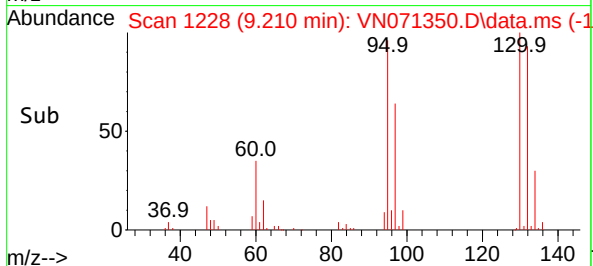
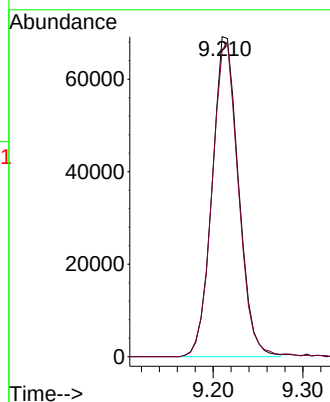
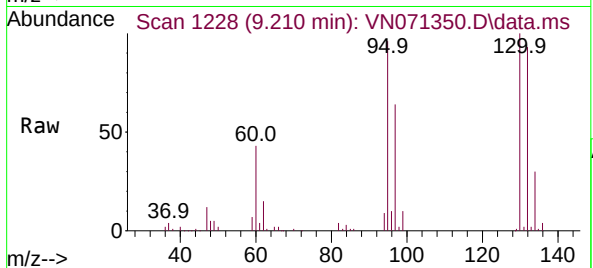
#37
Trichloroethene
Concen: 18.974 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071350.D
Acq: 17 Mar 2022 14:19

Instrument :
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TT-RW7A-IDWGW-20220315

Tgt Ion:130 Resp: 141434
Ion Ratio Lower Upper
130 100
95 95.6 76.6 115.0

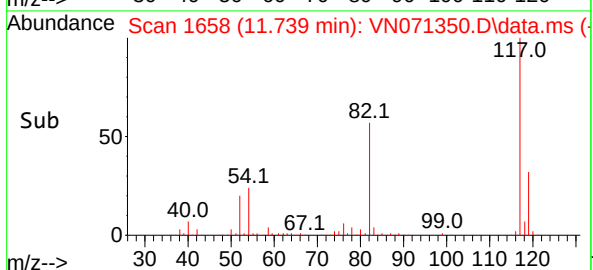
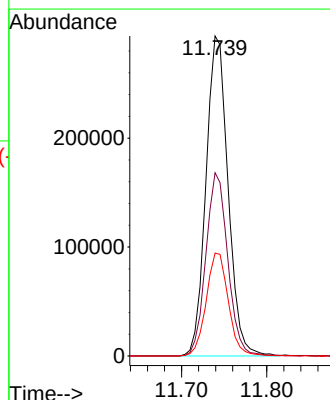
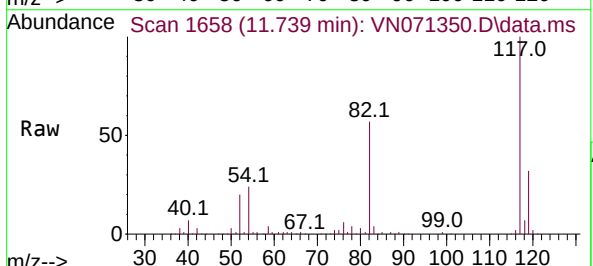
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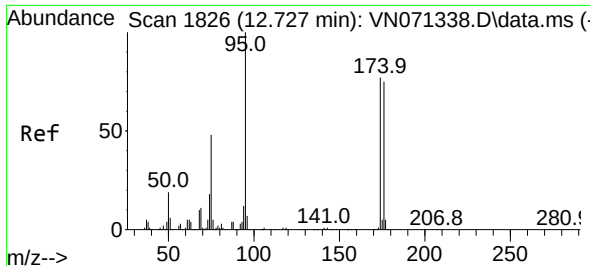
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN071350.D
Acq: 17 Mar 2022 14:19

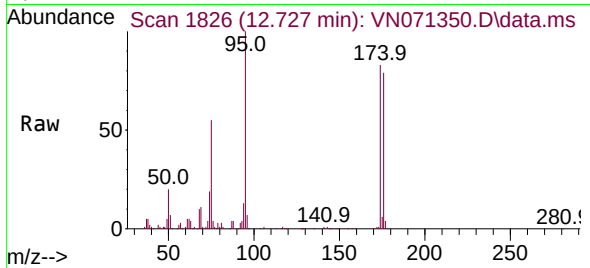
Tgt Ion:117 Resp: 529524
Ion Ratio Lower Upper
117 100
82 56.7 43.6 65.4
119 32.2 25.8 38.6





#60
4-Bromofluorobenzene
Concen: 24.382 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071350.D
Acq: 17 Mar 2022 14:19

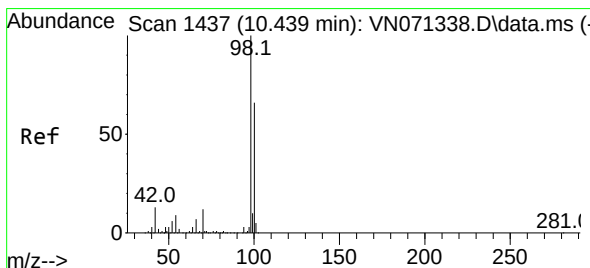
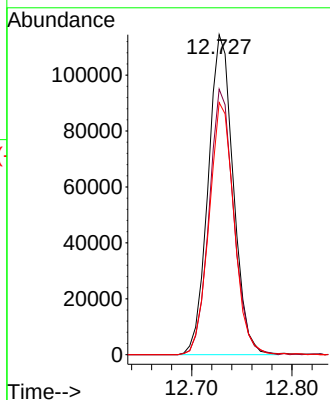
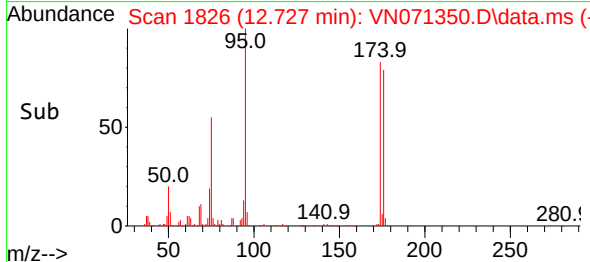
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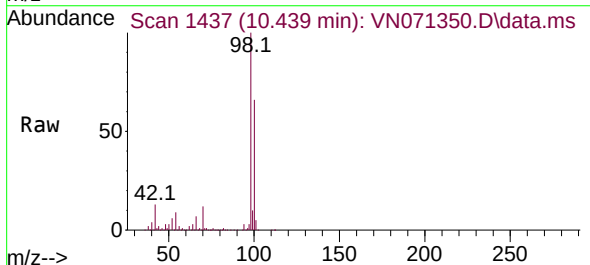
Tgt Ion: 95 Resp: 199462
Ion Ratio Lower Upper
95 100
174 81.2 62.9 94.3
176 78.2 61.0 91.4

Manual Integrations
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Supervised By :Semsettin Yesilyurt 03/21/2022



#63
Toluene-d8
Concen: 30.958 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071350.D
Acq: 17 Mar 2022 14:19



Tgt Ion: 98 Resp: 754097
Ion Ratio Lower Upper
98 100
100 65.2 50.6 76.0

