

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078110.D
 Acq On : 07 Jun 2023 17:51
 Operator : JC\MD
 Sample : 03074-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GT-GW-1

Quant Time: Jun 08 05:29:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	377667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	703331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	628326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	200967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	255634	50.767	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.540%			
35) Dibromofluoromethane	8.177	113	225863	50.789	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.580%			
50) Toluene-d8	10.571	98	871013	50.806	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.620%			
62) 4-Bromofluorobenzene	12.853	95	266900	50.079	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.160%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.530	59	54719	78.699	ug/l	99
16) Acetone	4.436	43	141147	97.384	ug/l	99
18) Methyl Acetate	5.047	43	16403	2.458	ug/l #	86
19) Methyl tert-butyl Ether	5.806	73	9158	0.696	ug/l #	1
22) Diisopropyl ether	6.677	45	8830	0.746	ug/l #	74
25) 2-Butanone	7.494	43	14237	6.388	ug/l #	73
31) Cyclohexane	8.265	56	20194m	3.126	ug/l	
39) Methylcyclohexane	9.612	83	5273	0.798	ug/l #	80
40) Benzene	8.612	78	1762378	92.545	ug/l	98
52) Toluene	10.635	92	705704	58.694	ug/l	97
67) Ethyl Benzene	11.971	91	32456	1.398	ug/l	97
68) m/p-Xylenes	12.076	106	46387	5.242	ug/l	94
69) o-Xylene	12.400	106	31517	3.627	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	4991	0.335	ug/l	100

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

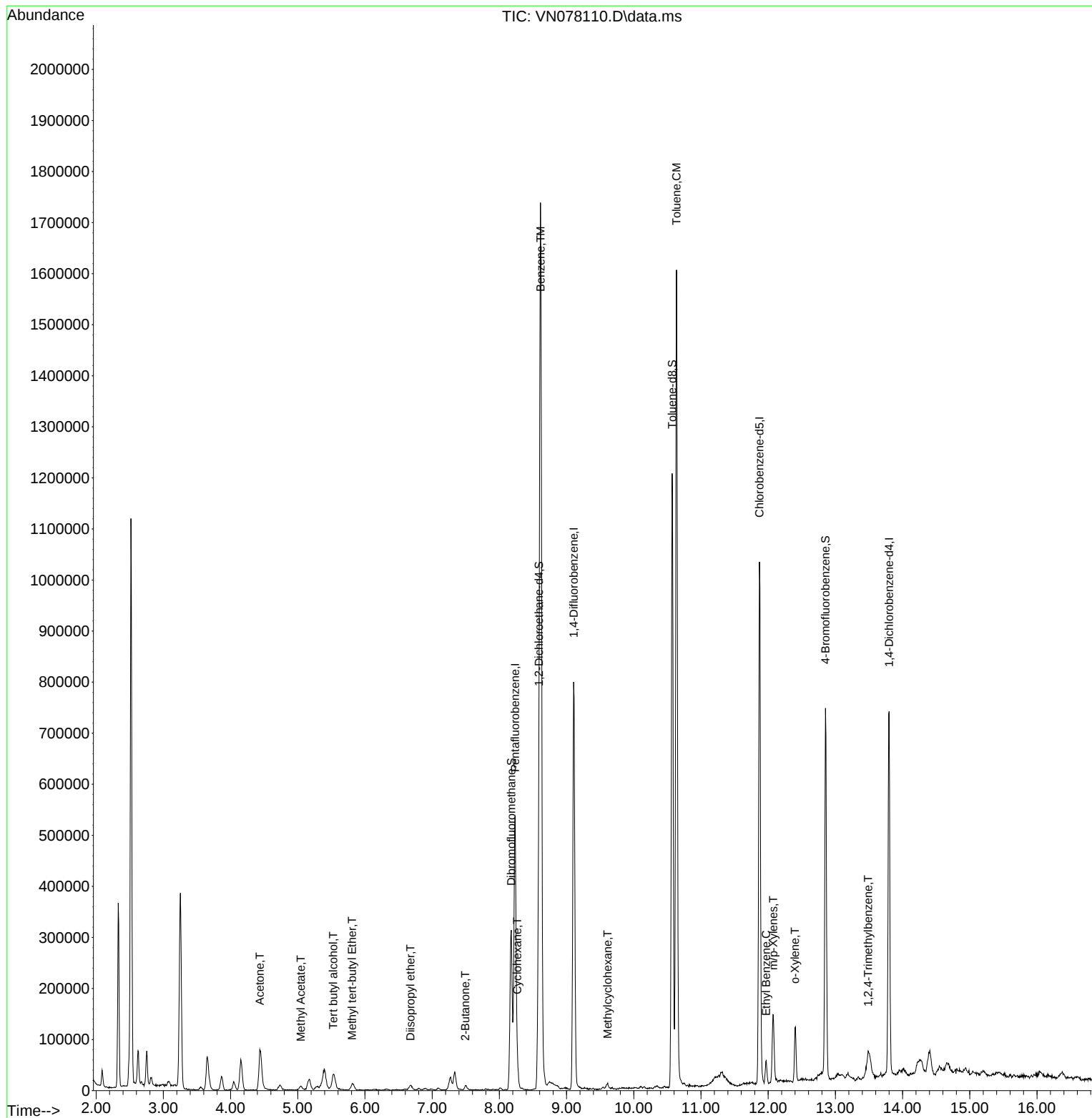
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Data File : VN078110.D
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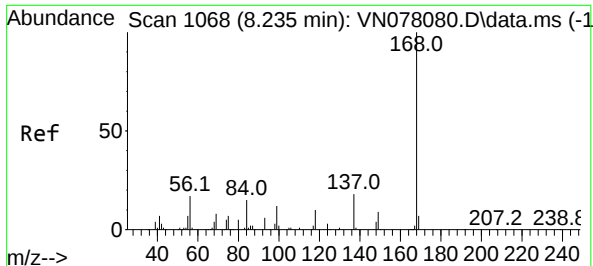
Instrument :
MSVOA_N
ClientSampleId :
GT-GW-1

Quant Time: Jun 08 05:29:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
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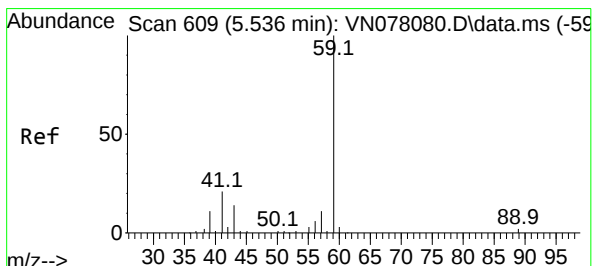
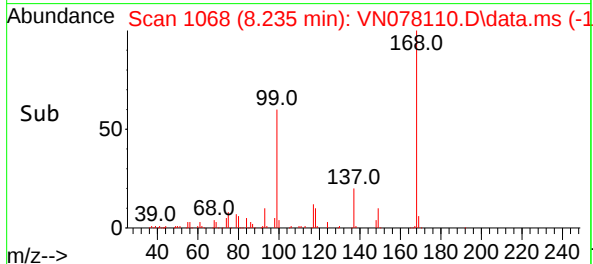
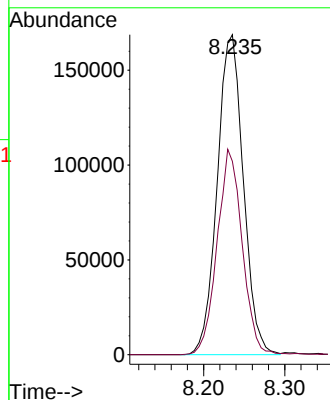
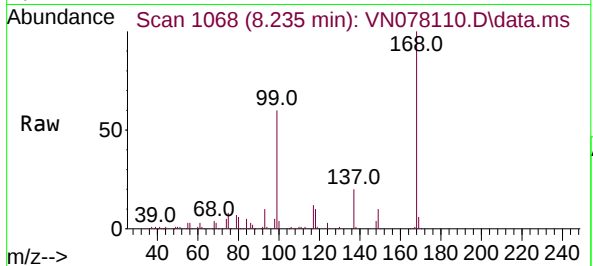
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
GT-GW-1

Tgt Ion:168 Resp: 37766
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6

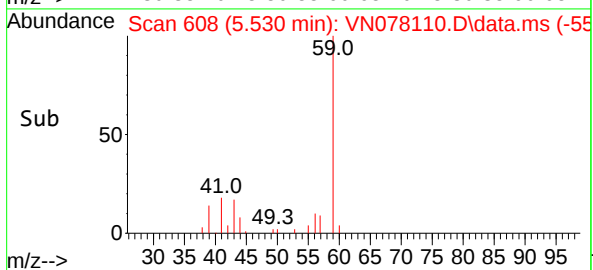
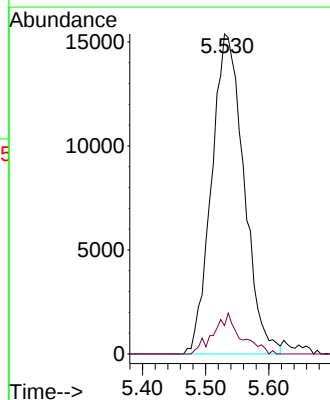
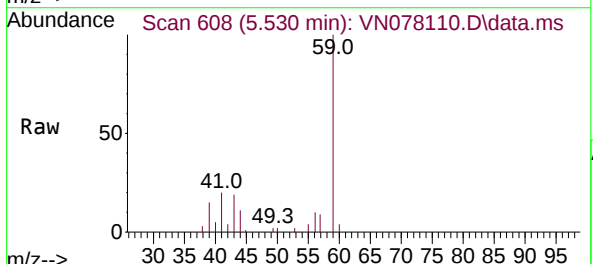
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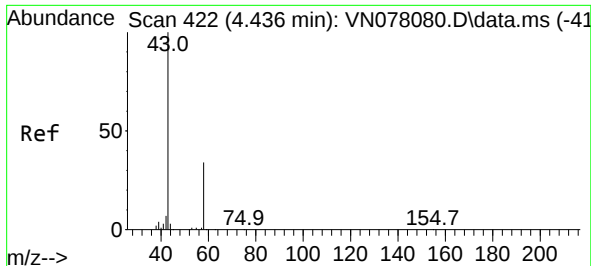
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#11
Tert butyl alcohol
Concen: 78.699 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

Tgt Ion: 59 Resp: 54719
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4





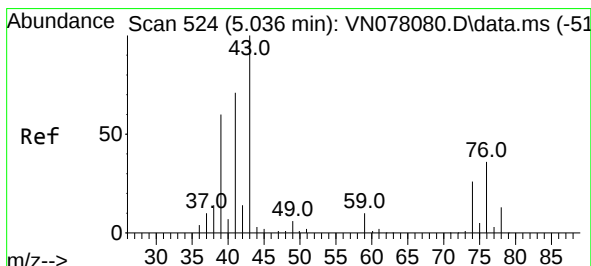
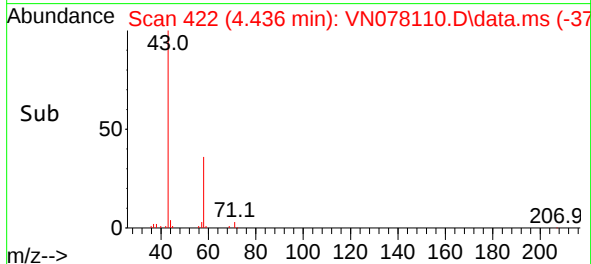
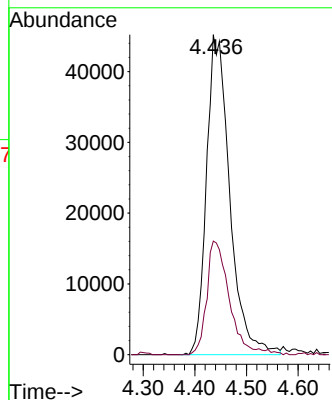
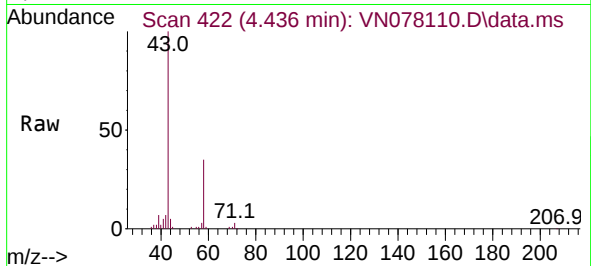
#16
Acetone
Concen: 97.384 ug/l
RT: 4.436 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
GT-GW-1

Tgt Ion: 43 Resp: 14114
Ion Ratio Lower Upper
43 100
58 35.5 28.0 42.0

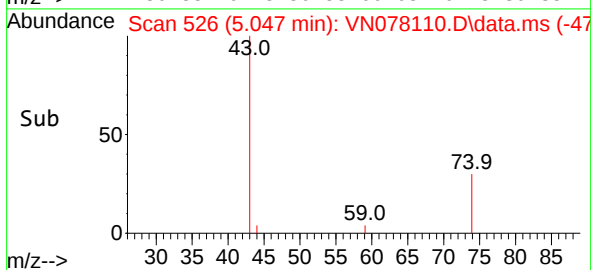
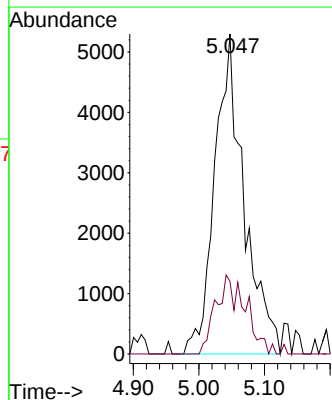
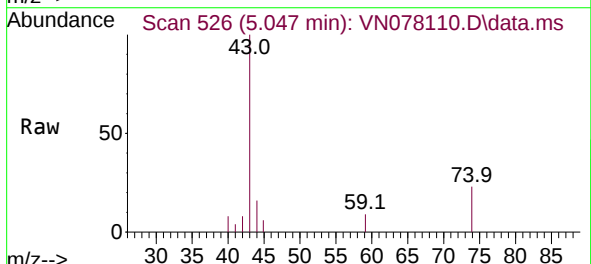
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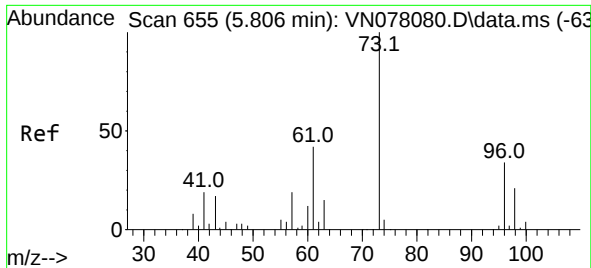
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#18
Methyl Acetate
Concen: 2.458 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.012 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

Tgt Ion: 43 Resp: 16403
Ion Ratio Lower Upper
43 100
74 25.1 26.2 39.4#





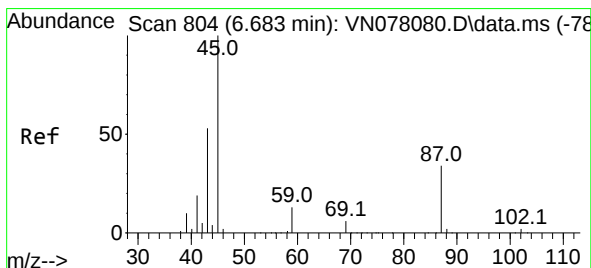
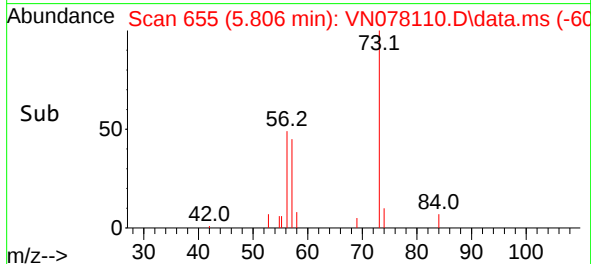
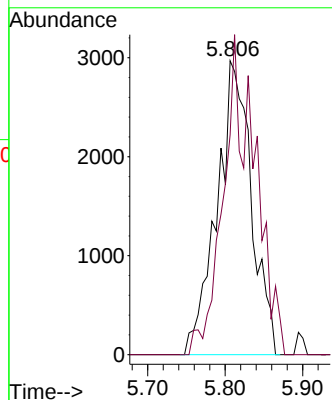
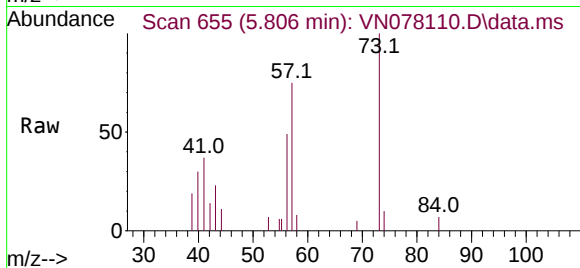
#19
Methyl tert-butyl Ether
Concen: 0.696 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
GT-GW-1

Tgt Ion: 73 Resp: 9158
Ion Ratio Lower Upper
73 100
57 74.8 15.6 23.4

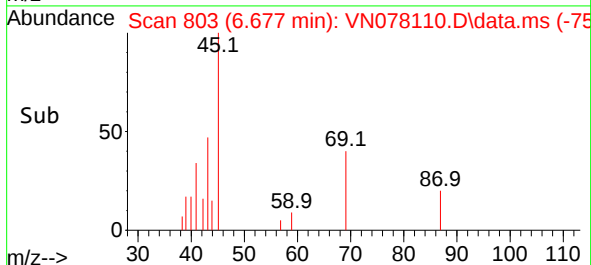
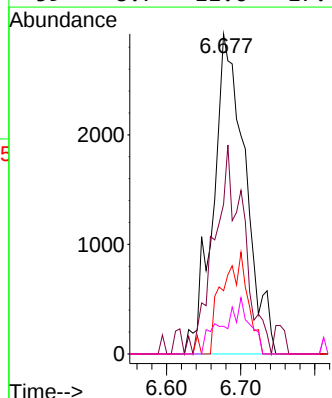
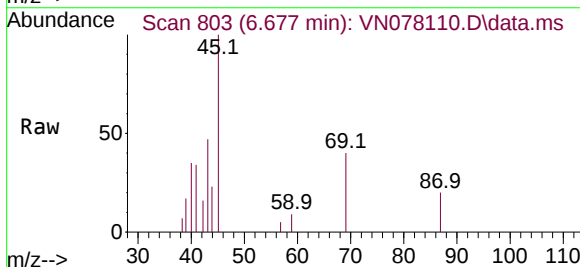
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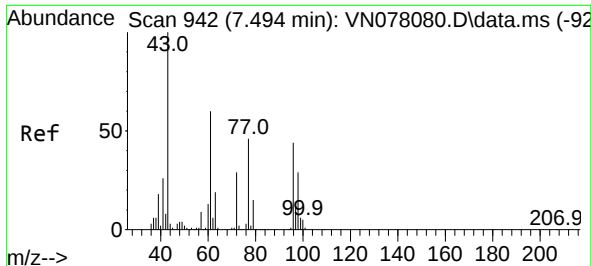
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#22
Diisopropyl ether
Concen: 0.746 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

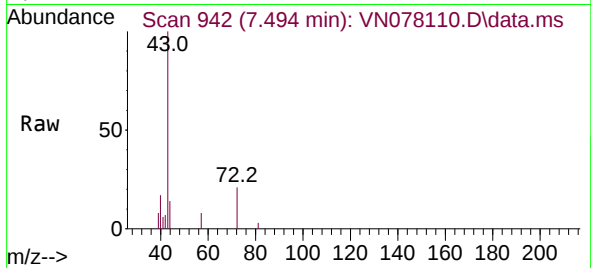
Tgt Ion: 45 Resp: 8830
Ion Ratio Lower Upper
45 100
43 38.9 45.5 68.3#
87 19.8 31.8 47.8#
59 8.7 11.6 17.4#





#25
2-Butanone
Concen: 6.388 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

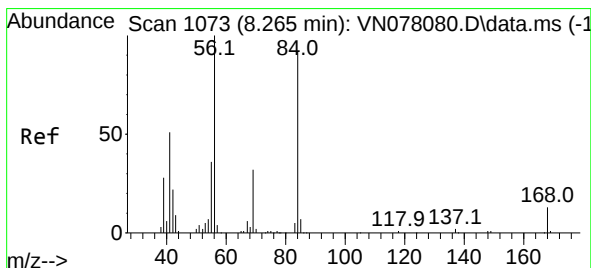
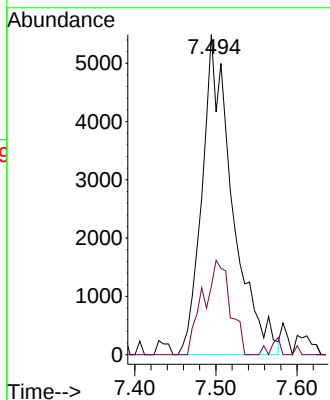
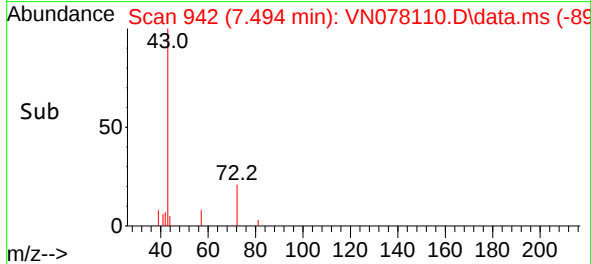
Instrument :
MSVOA_N
ClientSampleId :
GT-GW-1



Tgt Ion: 43 Resp: 1423
Ion Ratio Lower Upper
43 100
72 21.3 30.2 45.2

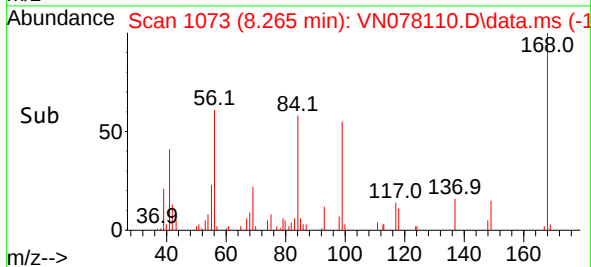
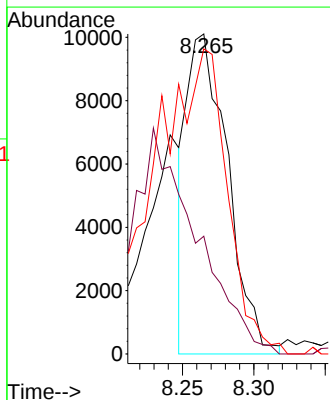
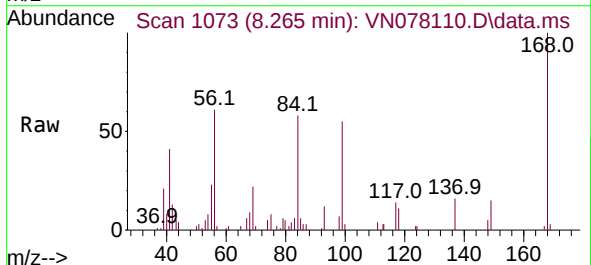
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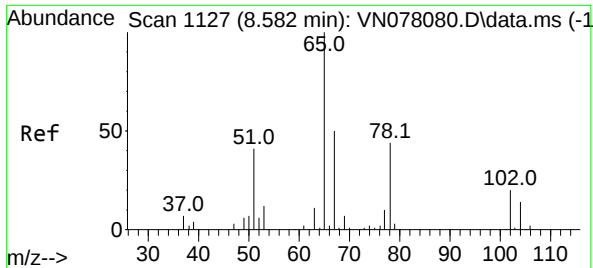
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#31
Cyclohexane
Concen: 3.126 ug/l m
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

Tgt Ion: 56 Resp: 20194
Ion Ratio Lower Upper
56 100
69 36.8 26.8 40.2
84 95.4 81.8 122.6





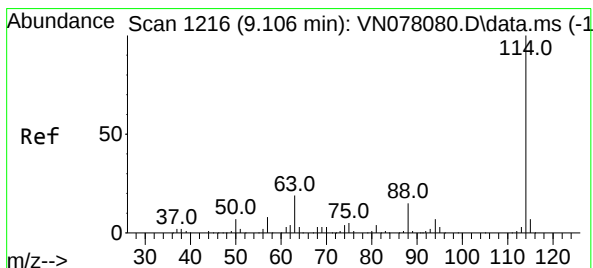
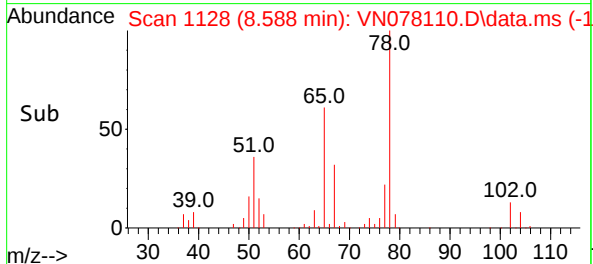
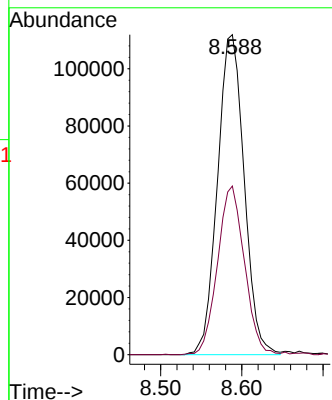
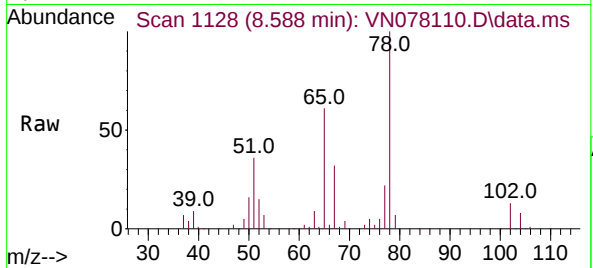
#33
1,2-Dichloroethane-d4
Concen: 50.767 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
GT-GW-1

Tgt Ion: 65 Resp: 255634
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6

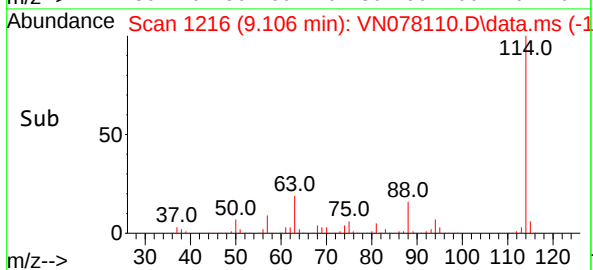
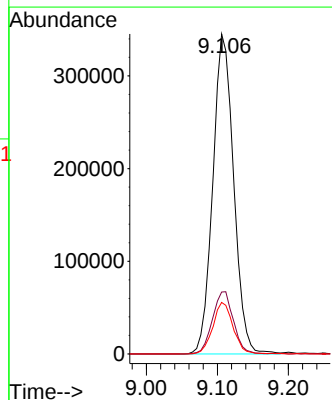
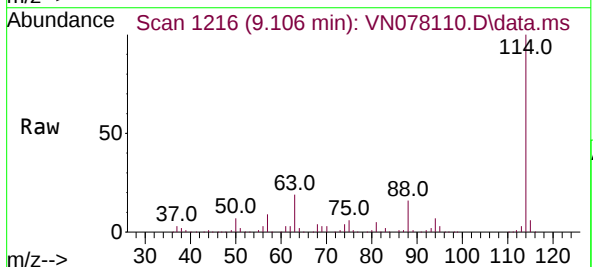
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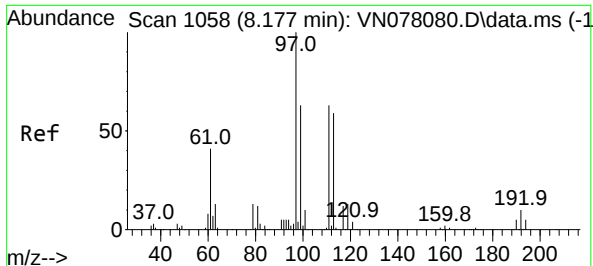
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

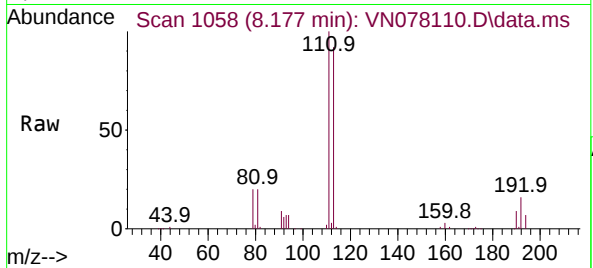
Tgt Ion:114 Resp: 703331
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 16.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.789 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

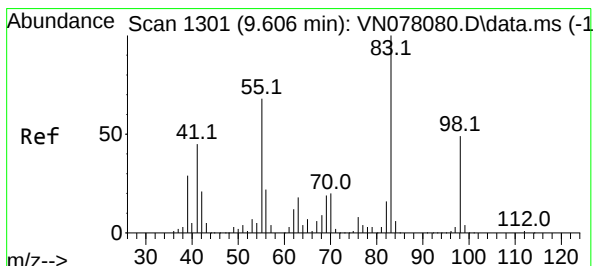
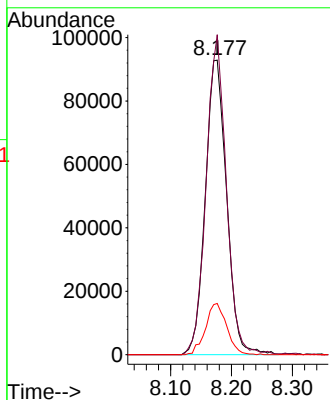
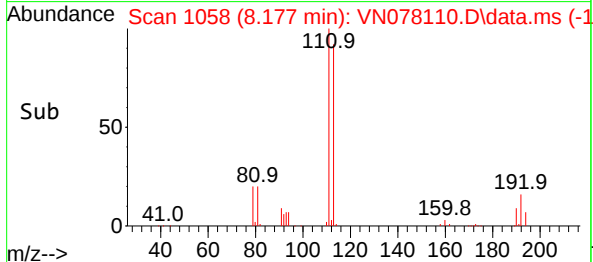
Instrument :
MSVOA_N
ClientSampleId :
GT-GW-1



Tgt Ion: 113 Resp: 22586
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 17.2 12.7 19.1

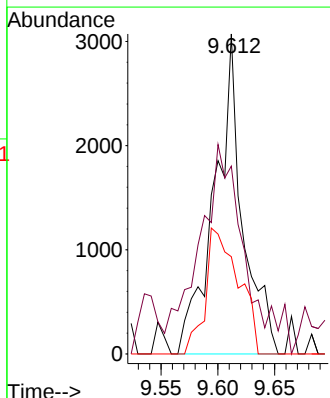
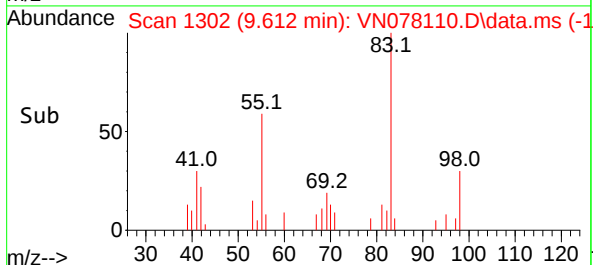
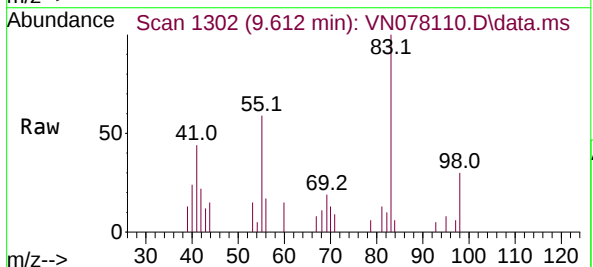
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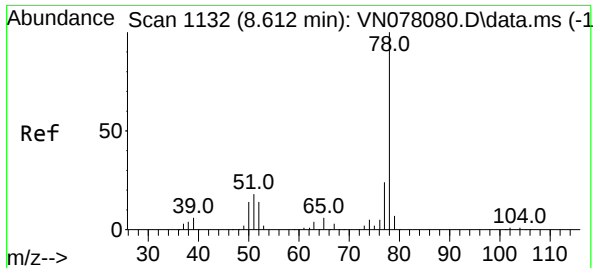
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#39
Methylcyclohexane
Concen: 0.798 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

Tgt Ion: 83 Resp: 5273
Ion Ratio Lower Upper
83 100
55 51.5 49.1 73.7
98 30.4 40.6 61.0#





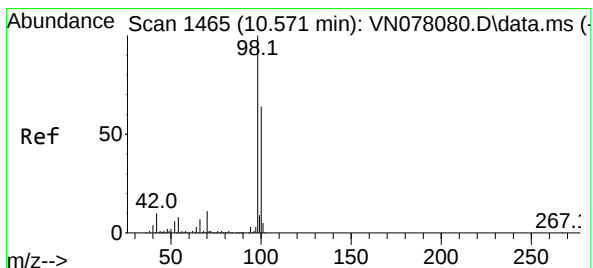
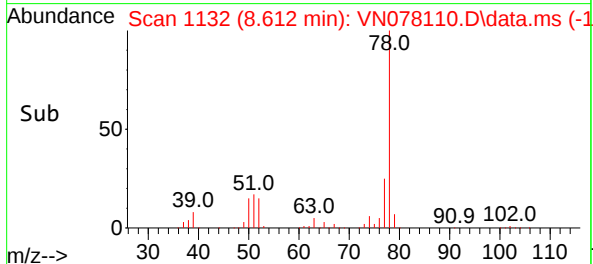
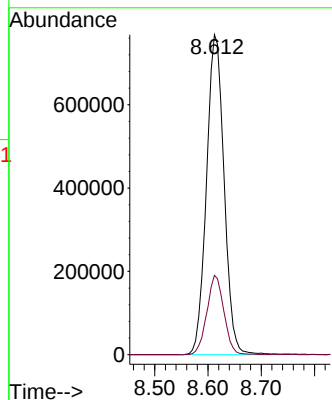
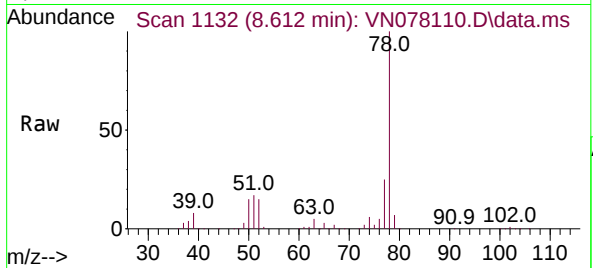
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Benzene
Concen: 92.545 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
GT-GW-1

Tgt Ion: 78 Resp: 1762378
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6

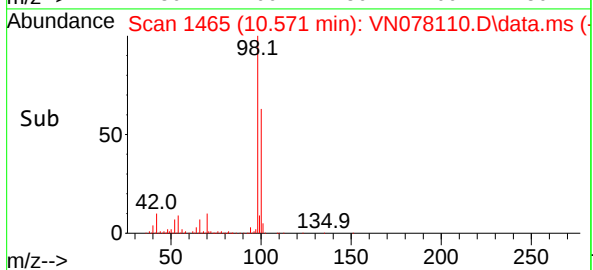
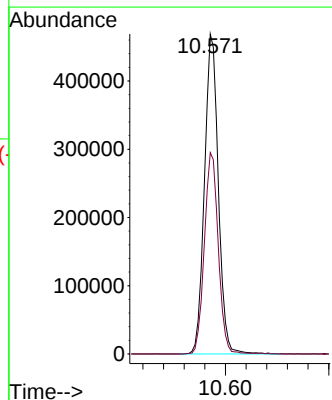
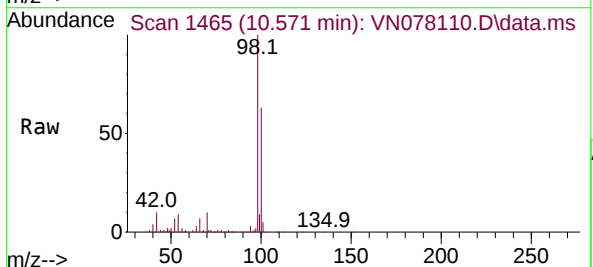
Manual Integrations
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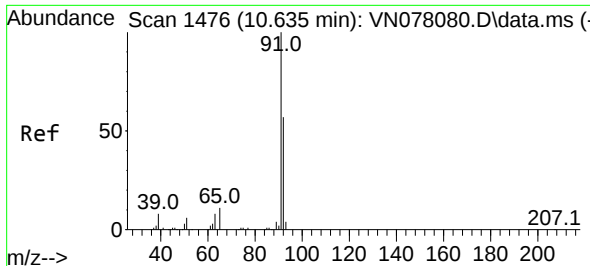
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#50
Toluene-d8
Concen: 50.806 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

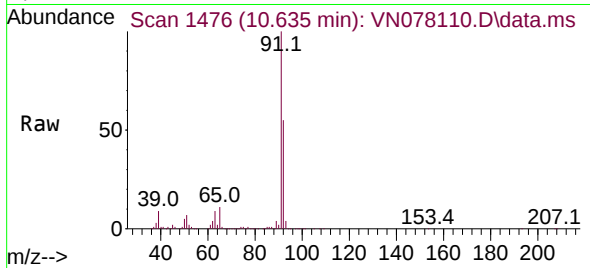
Tgt Ion: 98 Resp: 871013
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0





#52
Toluene
Concen: 58.694 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

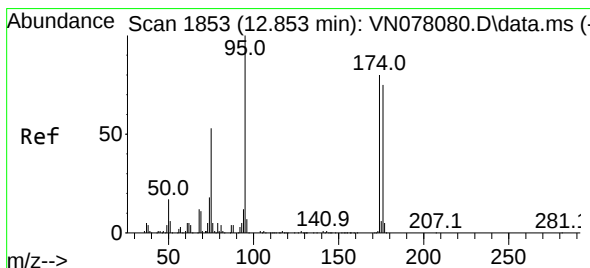
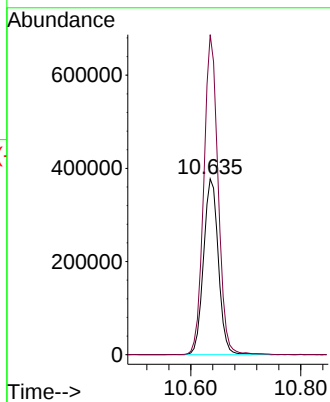
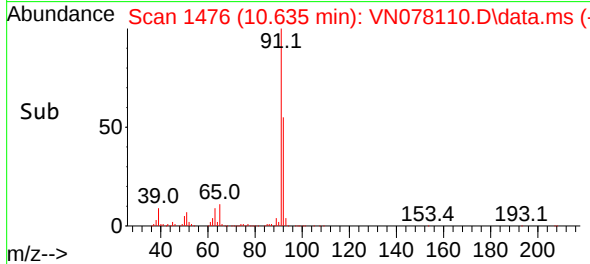
Instrument :
MSVOA_N
ClientSampleId :
GT-GW-1



Tgt Ion: 92 Resp: 705704
Ion Ratio Lower Upper
92 100
91 176.5 137.4 206.0

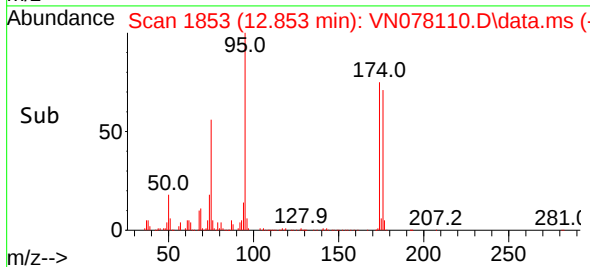
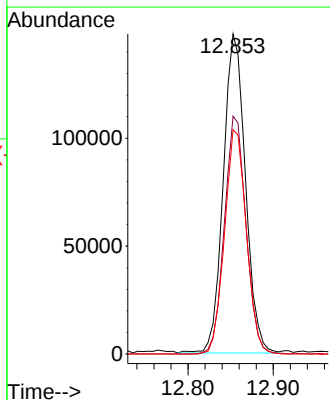
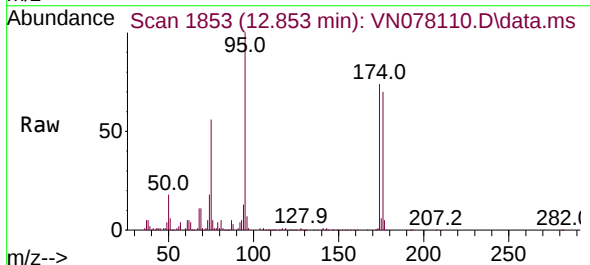
Manual Integrations
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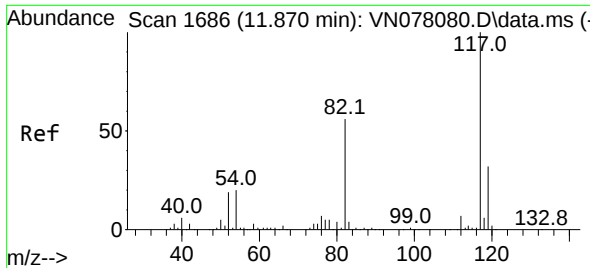
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#62
4-Bromofluorobenzene
Concen: 50.079 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

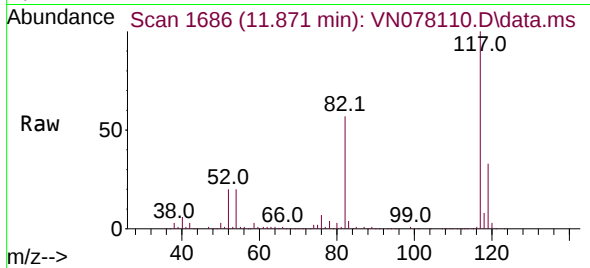
Tgt Ion: 95 Resp: 266900
Ion Ratio Lower Upper
95 100
174 72.4 0.0 143.8
176 69.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

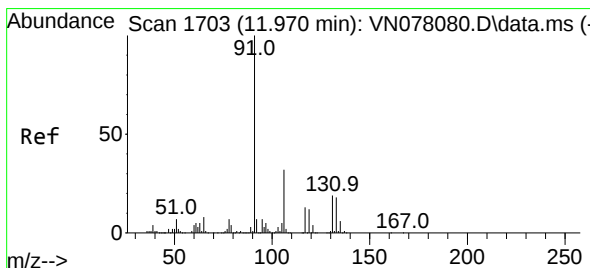
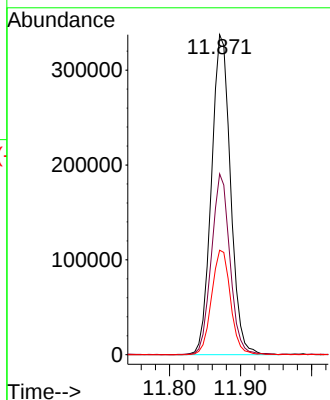
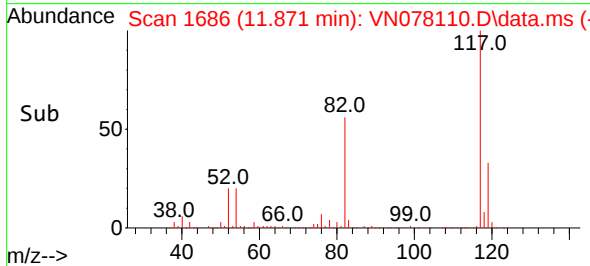
Instrument :
MSVOA_N
ClientSampleId :
GT-GW-1



Tgt Ion:117 Resp: 628320
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 32.7 25.6 38.4

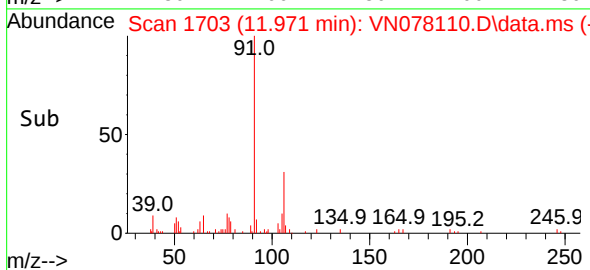
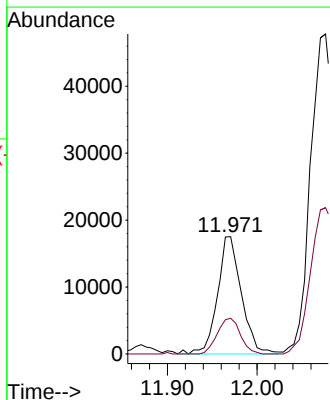
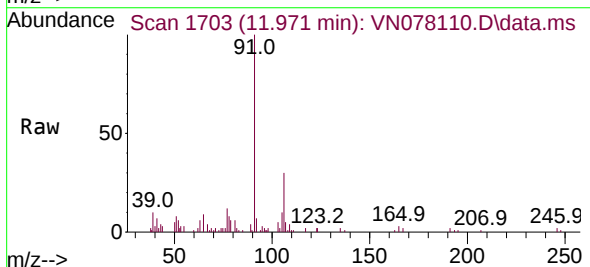
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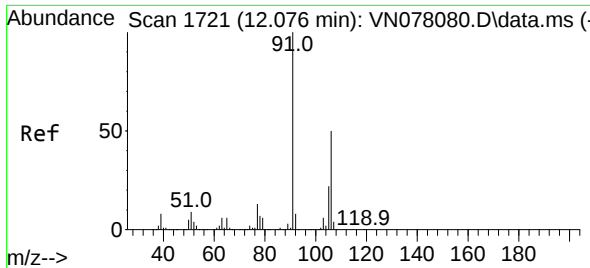
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#67
Ethyl Benzene
Concen: 1.398 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

Tgt Ion: 91 Resp: 32456
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4





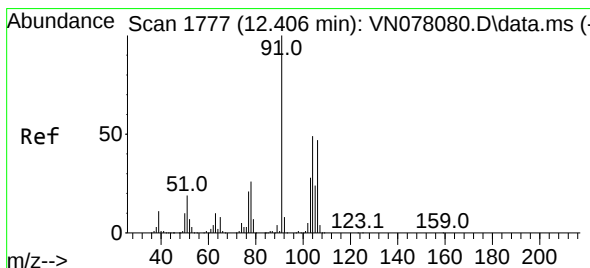
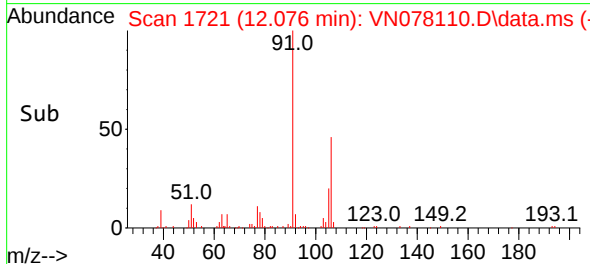
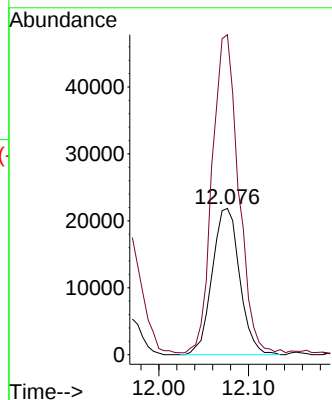
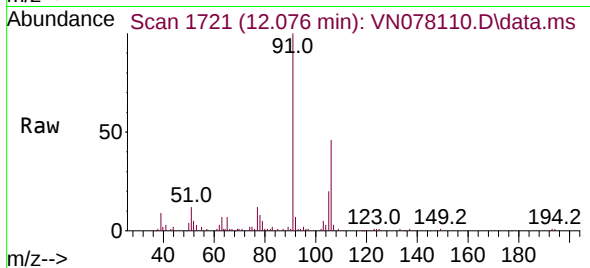
#68
m/p-Xylenes
Concen: 5.242 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
GT-GW-1

Tgt Ion:106 Resp: 4638
Ion Ratio Lower Upper
106 100
91 209.0 159.6 239.4

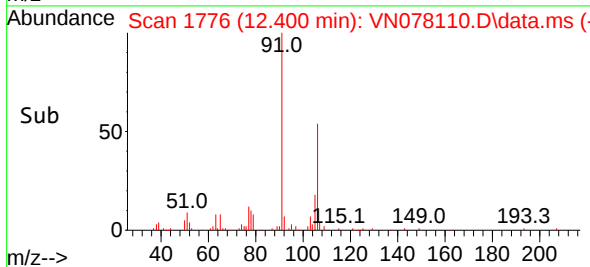
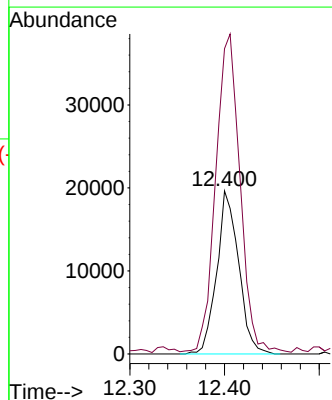
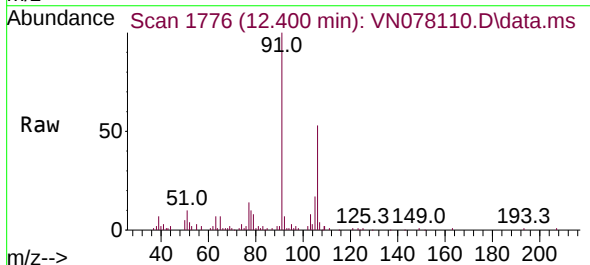
Manual Integrations
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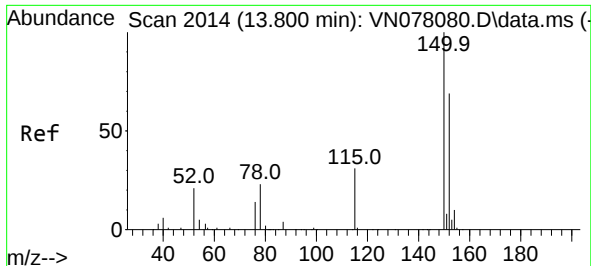
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#69
o-Xylene
Concen: 3.627 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078110.D
Acq: 07 Jun 2023 17:51

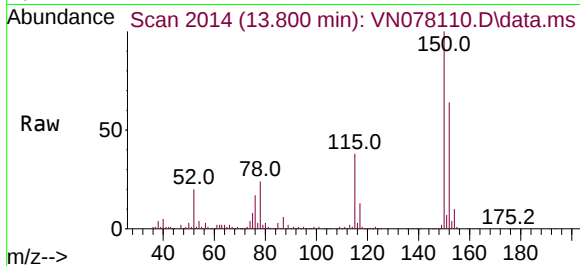
Tgt Ion:106 Resp: 31517
Ion Ratio Lower Upper
106 100
91 216.0 105.2 315.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. 0.000 min
 Lab File: VN078110.D
 Acq: 07 Jun 2023 17:51

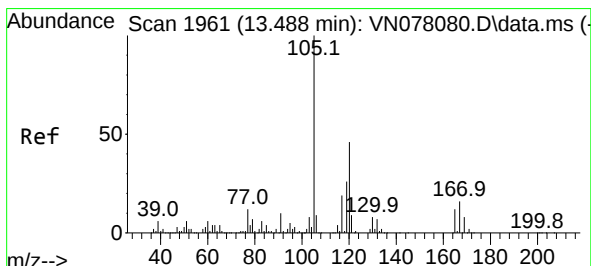
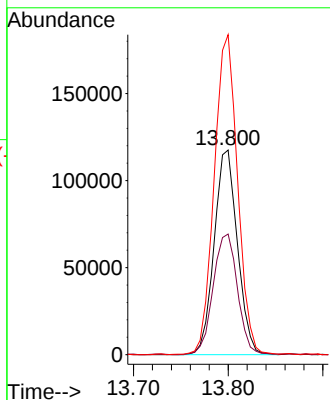
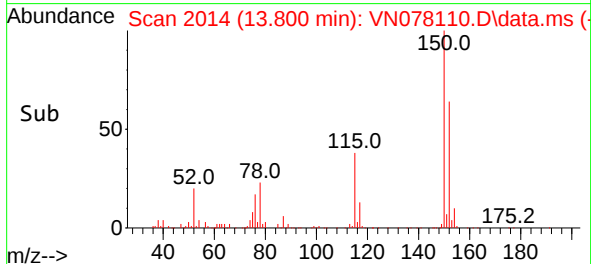
Instrument :
 MSVOA_N
 ClientSampleId :
 GT-GW-1



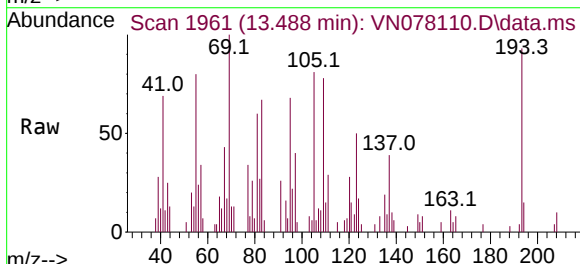
Tgt Ion:152 Resp: 20096
 Ion Ratio Lower Upper
 152 100
 115 61.7 32.3 96.8
 150 156.8 0.0 355.8

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Reviewed By :John Carlone 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023



#84
 1,2,4-Trimethylbenzene
 Concen: 0.335 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078110.D
 Acq: 07 Jun 2023 17:51



Tgt Ion:105 Resp: 4991
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.0 66.0

