

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
 Data File : VN078853.D
 Acq On : 11 Aug 2023 09:23
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By :John

Carlone

08/14/2023

Supervised By :Mahesh

Dadoda

08/15/2023

Quant Time: Aug 12 01:38:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	28898	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	163798	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	144198	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	76092	32.706	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.033%			
60) 4-Bromofluorobenzene	12.853	95	62237	30.748	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.500%			
63) Toluene-d8	10.571	98	217983	30.849	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.833%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	39203	19.681	ug/l	91
3) Chloromethane	2.371	50	51233	21.599	ug/l	99
4) Vinyl Chloride	2.524	62	48187	21.349	ug/l #	83
5) Bromomethane	2.971	94	31720	19.319	ug/l	89
6) Chloroethane	3.136	64	31857	19.869	ug/l	89
7) Trichlorofluoromethane	3.512	101	62054	20.031	ug/l	94
8) Diethyl Ether	3.971	74	23568	21.395	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.389	101	34258m	20.614	ug/l	
10) 1,1-Dichloroethene	4.353	96	32532	20.214	ug/l	84
11) Methyl Iodide	4.606	142	43294	20.166	ug/l	98
12) Methyl Acetate	5.036	43	68765	19.658	ug/l #	79
13) Acrolein	4.189	56	35102m	94.744	ug/l	
14) Acrylonitrile	5.730	53	88545	96.067	ug/l	99
15) Acetone	4.436	58	34530	145.399	ug/l	90
16) Carbon Disulfide	4.724	76	93782	20.130	ug/l	99
17) Allyl chloride	5.024	41	55829	19.846	ug/l	84
18) Methylene Chloride	5.283	84	45035	22.424	ug/l	91
19) trans-1,2-Dichloroethene	5.800	96	37842	20.479	ug/l #	83
20) Diisopropyl ether	6.688	45	133267	21.096	ug/l #	88
21) 1,1-Dichloroethane	6.577	63	76694	21.294	ug/l	96
22) cis-1,2-Dichloroethene	7.494	96	42794	20.894	ug/l	91
23) tert-Butyl Alcohol	5.536	59	28991	84.646	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	108127	20.073	ug/l	93
25) Chloroform	7.971	83	74964	20.965	ug/l	96
26) Cyclohexane	8.265	56	58296	20.550	ug/l #	91
29) 1,1-Dichloropropene	8.377	75	54134	20.343	ug/l	98
30) 2-Butanone	7.488	43	142347	109.135	ug/l	93
31) 2,2-Dichloropropane	7.494	77	62926	22.932	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	64961	20.729	ug/l	95
33) Carbon Tetrachloride	8.371	117	54622	20.195	ug/l	95
34) Benzene	8.618	78	167312	20.663	ug/l	97
35) Methacrylonitrile	7.783	41	28557	18.645	ug/l	78
36) 1,2-Dichloroethane	8.677	62	60253	21.287	ug/l	98
37) Trichloroethene	9.359	130	41342	21.218	ug/l	91
38) Methylcyclohexane	9.606	83	49111	19.493	ug/l	88
39) 1,2-Dichloropropane	9.624	63	44376	20.714	ug/l	98
40) Dibromomethane	9.712	93	30095	21.097	ug/l	94
41) Bromodichloromethane	9.894	83	58088	20.209	ug/l #	89
42) Vinyl Acetate	6.612	43	413030	100.630	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	56808m	20.981	ug/l	
44) Isopropyl Acetate	8.700	43	99986	20.565	ug/l #	86
45) 1,4-Dioxane	9.700	88	12166	372.966	ug/l #	72
46) Methyl methacrylate	9.688	41	42994	20.883	ug/l	83
47) n-amyl Acetate	12.500	43	66309	19.508	ug/l	94
48) t-1,3-Dichloropropene	10.841	75	59004	20.329	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	65430	20.271	ug/l	98
50) 1,1,2-Trichloroethane	11.023	97	38738	19.985	ug/l	94
51) Ethyl methacrylate	10.876	69	53085	19.538	ug/l	77
52) 1,3-Dichloropropane	11.171	76	70681	21.236	ug/l	98
53) Dibromochloromethane	11.365	129	42136	20.828	ug/l	96
54) 1,2-Dibromoethane	11.470	107	38558	20.361	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	103743	103.535	ug/l	95
56) Bromoform	12.588	173	26092	20.602	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	276478	99.752	ug/l #	92
59) 2-Hexanone	11.200	43	195817	101.668	ug/l	92
61) Tetrachloroethene	11.112	164	31743	19.241	ug/l	90
62) Toluene	10.635	91	176231	20.759	ug/l	97
64) Chlorobenzene	11.894	112	99017	19.923	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	39444	20.600	ug/l	98
66) Ethyl Benzene	11.970	91	174639	19.807	ug/l	98
67) m/p-Xylenes	12.076	106	136188	42.126	ug/l	98
68) o-Xylene	12.406	106	66349	20.619	ug/l	96
69) Styrene	12.418	104	104977	21.350	ug/l	97
70) Isopropylbenzene	12.700	105	160001	20.130	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	55611	20.647	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	45294m	19.265	ug/l	
73) Bromobenzene	12.988	156	35519	18.697	ug/l	85
74) n-propylbenzene	13.041	91	184695	20.999	ug/l	99
75) 2-Chlorotoluene	13.129	91	112742	20.577	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	131377	20.811	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	15048	20.391	ug/l	82
78) 4-Chlorotoluene	13.229	91	104395	20.538	ug/l	96
79) tert-butylbenzene	13.441	119	104801	20.233	ug/l	94
80) 1,2,4-Trimethylbenzene	13.488	105	125420	21.054	ug/l	99
81) sec-Butylbenzene	13.623	105	143303	20.666	ug/l	98
82) p-Isopropyltoluene	13.735	119	106762	19.656	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	59272	20.189	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	56503	20.154	ug/l	98
85) n-Butylbenzene	14.064	91	75980	19.009	ug/l	99
86) Hexachloroethane	14.335	117	24195	21.148	ug/l	92
87) 1,2-Dichlorobenzene	14.112	146	57691	19.974	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.729	75	7423	19.403	ug/l	87
89) 1,2,4-Trichlorobenzene	15.400	180	11448m	14.320	ug/l	
90) Hexachlorobutadiene	15.500	225	10522	17.877	ug/l	97
91) Naphthalene	15.641	128	30631	12.253	ug/l #	76
92) 1,2,3-Trichlorobenzene	15.847	180	15416	16.441	ug/l	93

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

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Reviewed By :John

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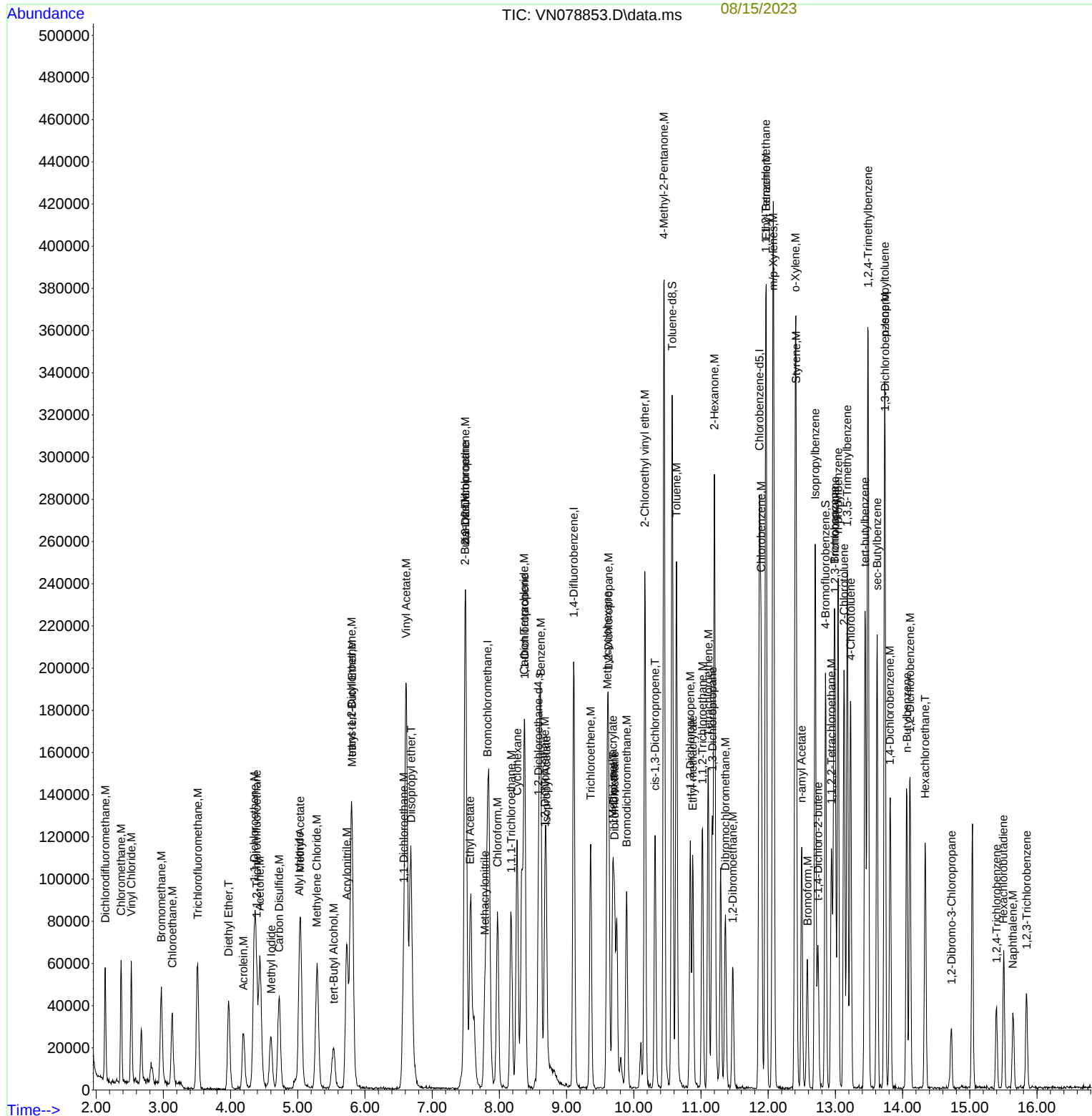
08/14/2023

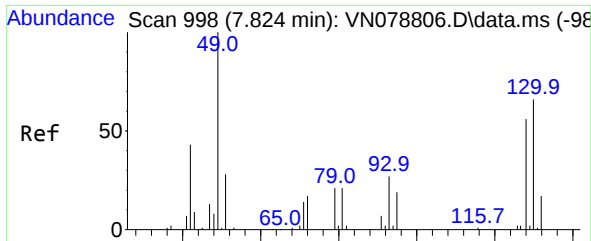
Supervised By :Mahesh

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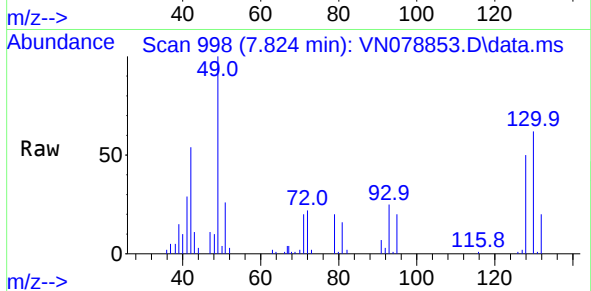
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:128 Resp: 28898
Ion Ratio Lower Upper
128 100
49 211.4 0.0 370.8
130 133.3 0.0 307.0

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Reviewed By :John

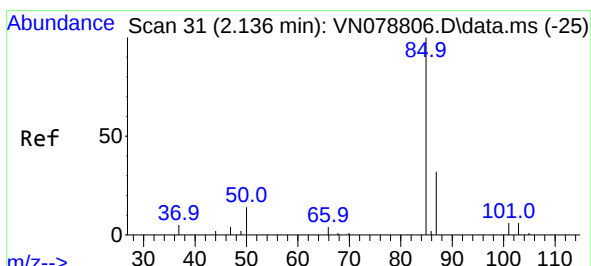
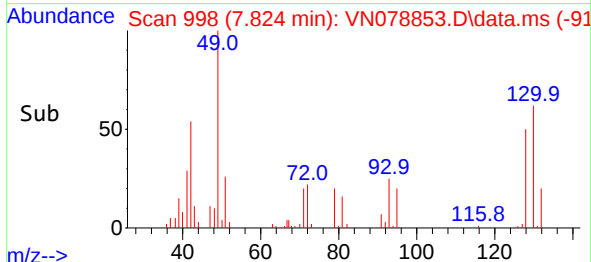
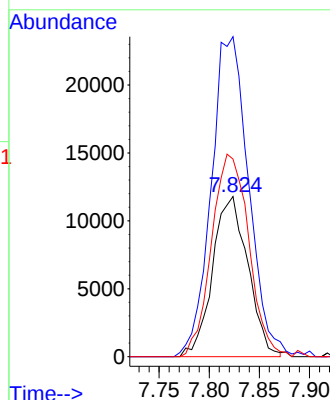
Carlone

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Supervised By :Mahesh

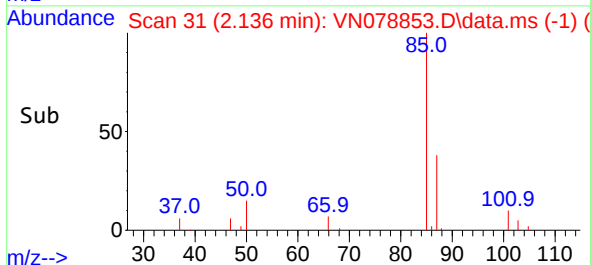
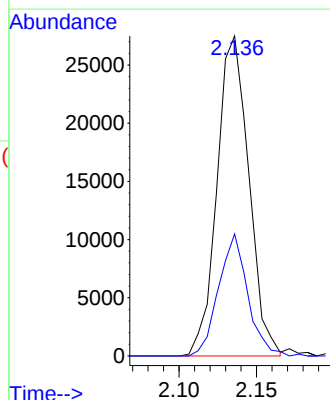
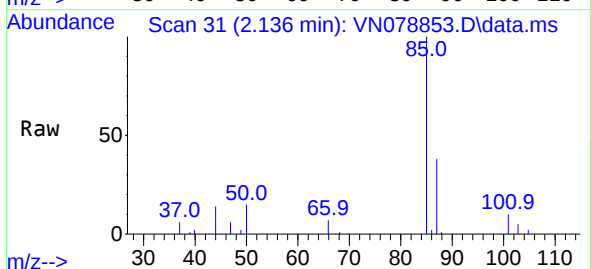
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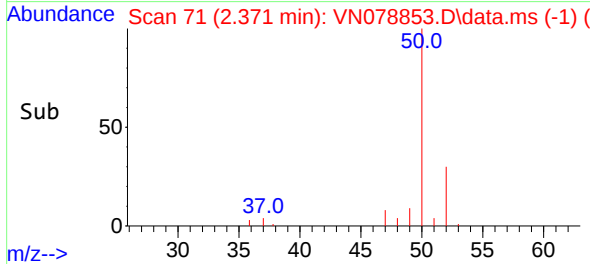
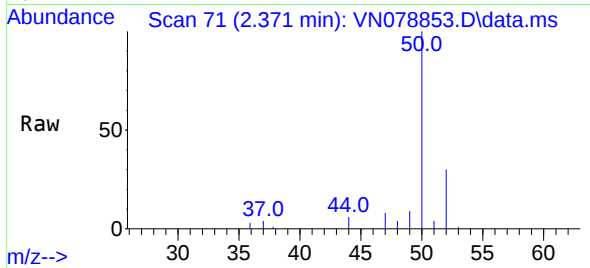
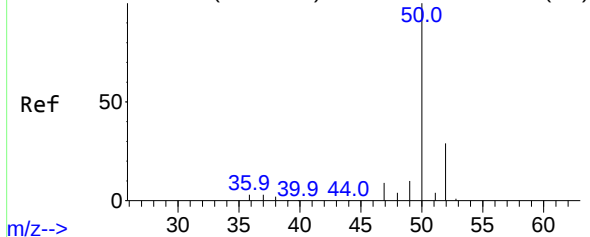


#2
Dichlorodifluoromethane
Concen: 19.681 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 85 Resp: 39203
Ion Ratio Lower Upper
85 100
87 38.1 16.4 49.4



Abundance Scan 71 (2.371 min): VN078806.D\data.ms (-66)



#3

Chloromethane

Concen: 21.599 ug/l

RT: 2.371 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN078853.D

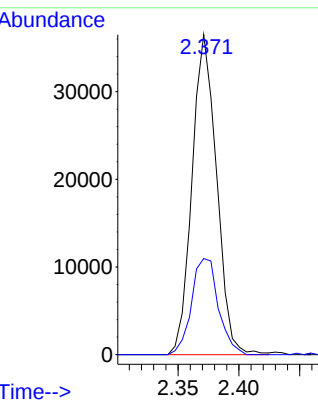
Acq: 11 Aug 2023 09:23

Tgt Ion: 50 Resp: 5123

Ion Ratio Lower Upper

50 100

52 30.1 24.6 36.8



Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

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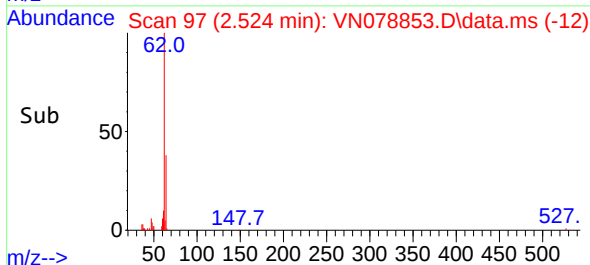
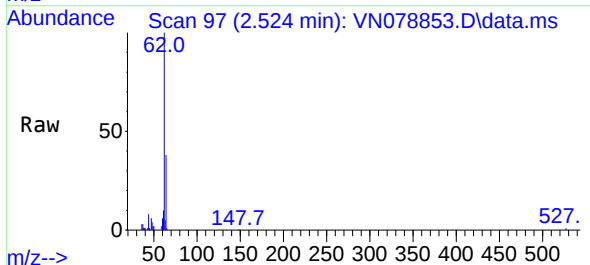
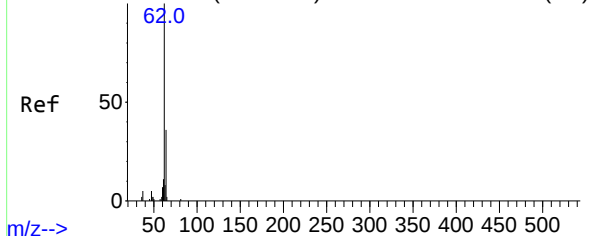
08/14/2023

Supervised By :Mahesh

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Abundance Scan 97 (2.524 min): VN078806.D\data.ms (-90)



#4

Vinyl Chloride

Concen: 21.349 ug/l

RT: 2.524 min Scan# 97

Delta R.T. -0.000 min

Lab File: VN078853.D

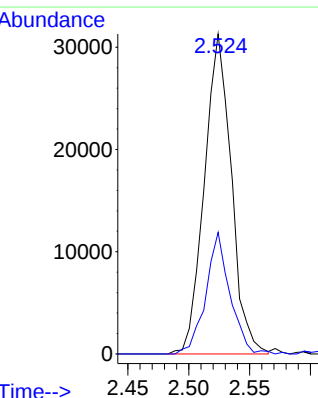
Acq: 11 Aug 2023 09:23

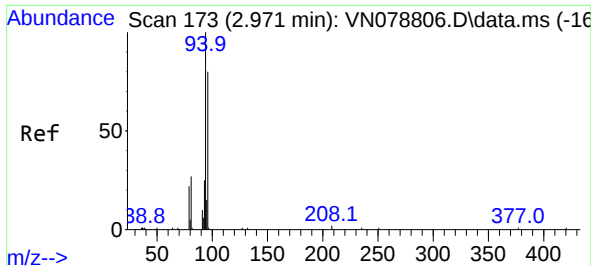
Tgt Ion: 62 Resp: 48187

Ion Ratio Lower Upper

62 100

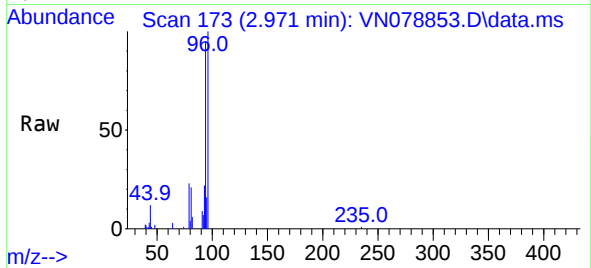
64 38.0 23.3 34.9





#5
Bromomethane
Concen: 19.319 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

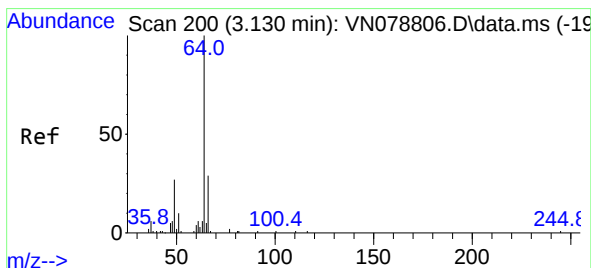
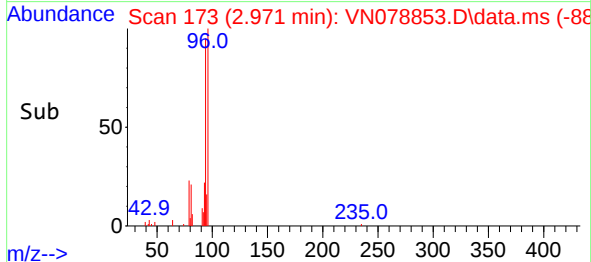
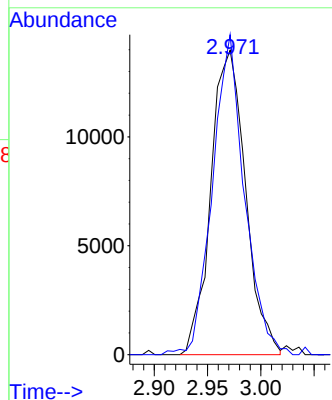
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 31720
Ion Ratio Lower Upper
94 100
96 103.4 73.9 110.9

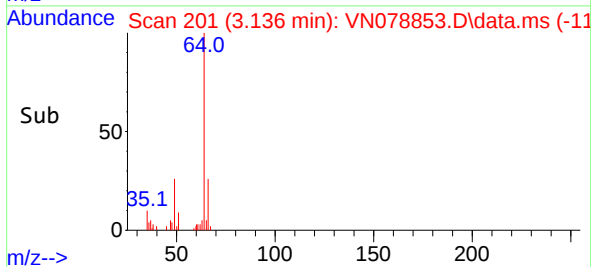
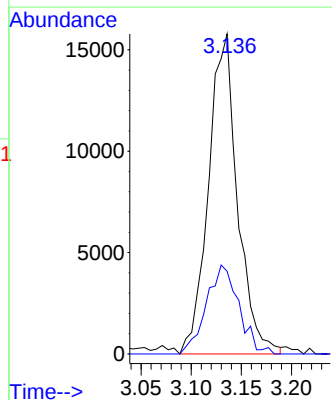
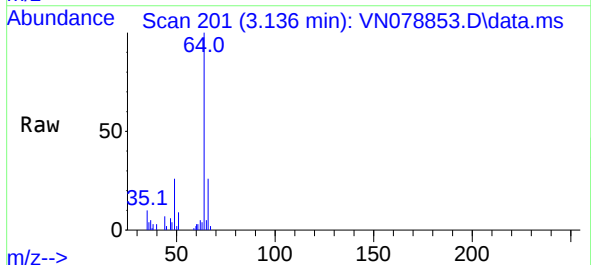
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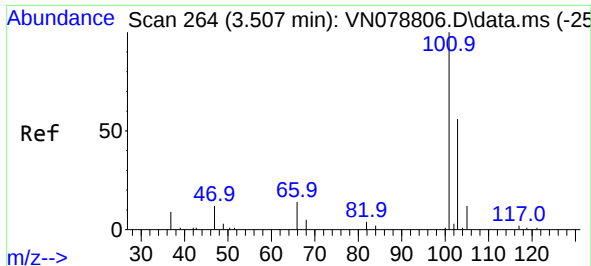
Reviewed By :John
Carlone
08/14/2023
Supervised By :Mahesh
Dadoda
08/15/2023



#6
Chloroethane
Concen: 19.869 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 64 Resp: 31857
Ion Ratio Lower Upper
64 100
66 25.9 25.7 38.5





#7
Trichlorofluoromethane
Concen: 20.031 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:101 Resp: 62054
Ion Ratio Lower Upper
101 100
103 67.9 50.4 75.6

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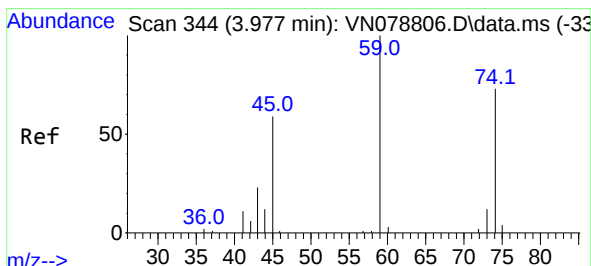
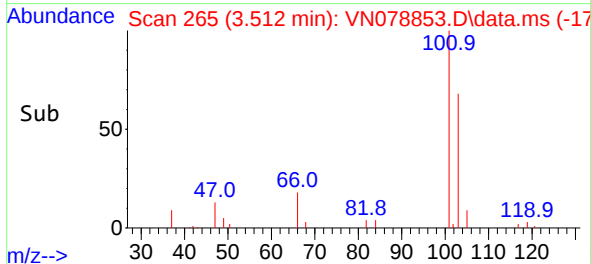
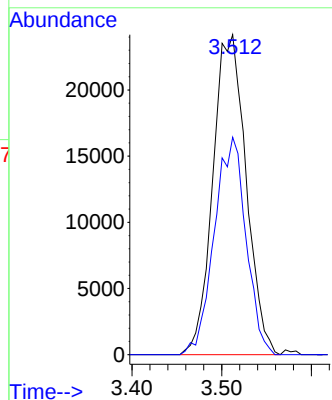
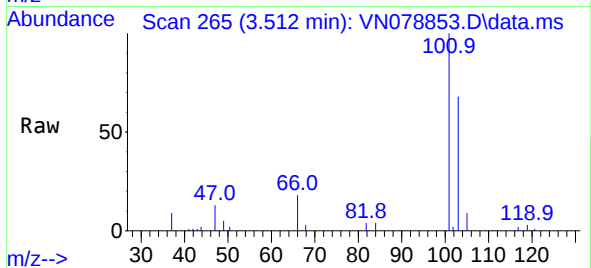
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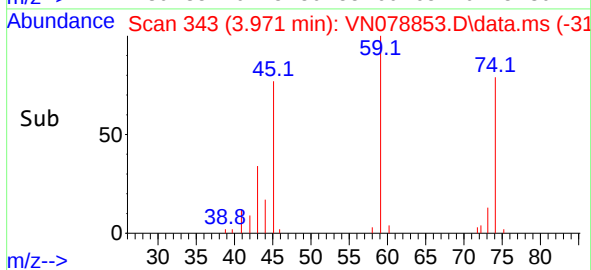
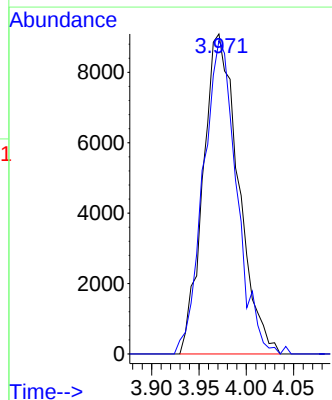
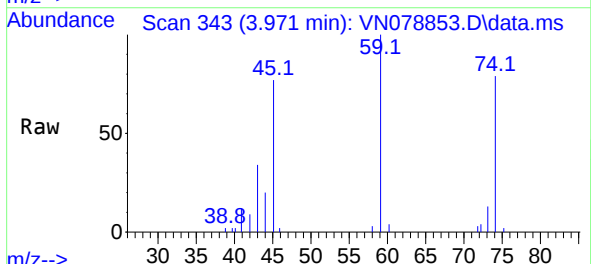
Dadoda

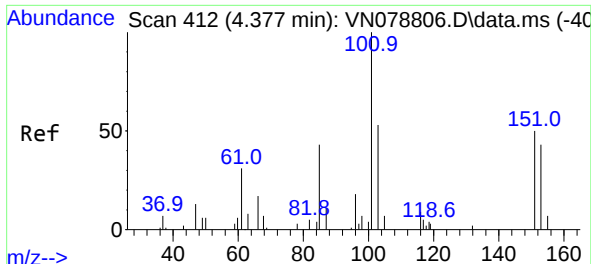
08/15/2023



#8
Diethyl Ether
Concen: 21.395 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

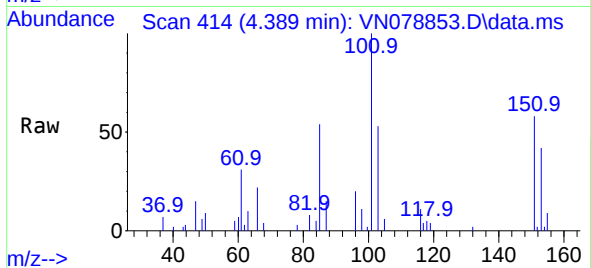
Tgt Ion: 74 Resp: 23568
Ion Ratio Lower Upper
74 100
45 92.6 16.3 146.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.614 ug/l m
RT: 4.389 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078853.D
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VSTDCCC020

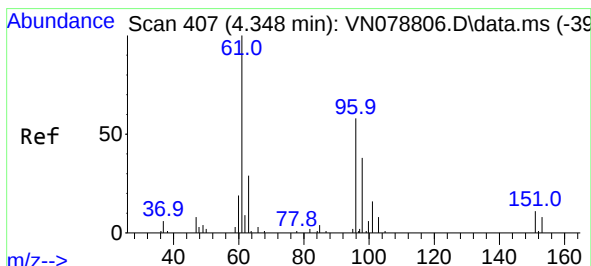
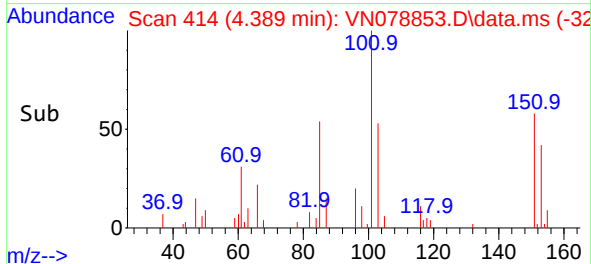
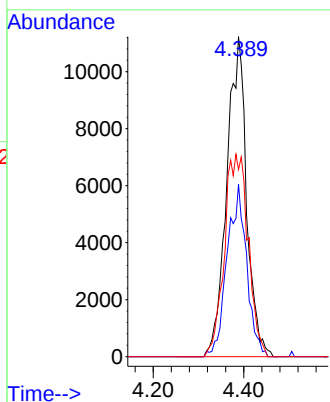


Tgt Ion:101 Resp: 3425
Ion Ratio Lower Upper
101 100
85 21.6 0.0 89.2
151 32.8 0.0 148.8

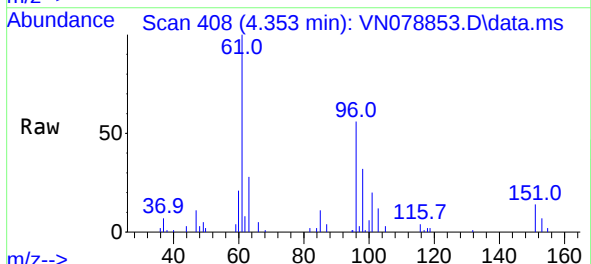
Manual Integrations
APPROVED

Reviewed By :John
Carlone
08/14/2023

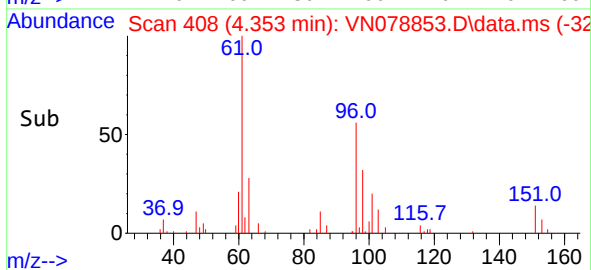
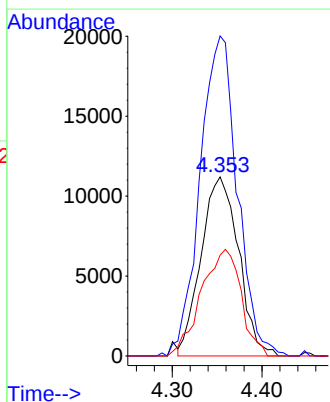
Supervised By :Mahesh
Dadoda
08/15/2023

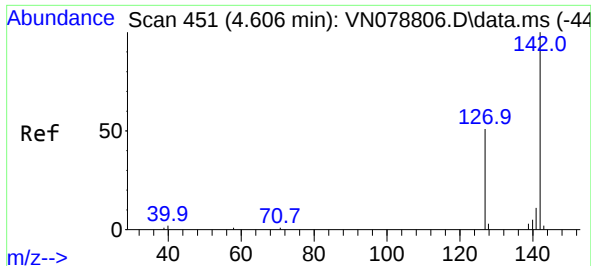


#10
1,1-Dichloroethene
Concen: 20.214 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23



Tgt Ion: 96 Resp: 32532
Ion Ratio Lower Upper
96 100
61 176.6 123.4 185.2
98 56.3 53.7 80.5





#11

Methyl Iodide

Concen: 20.166 ug/l

RT: 4.606 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN078853.D

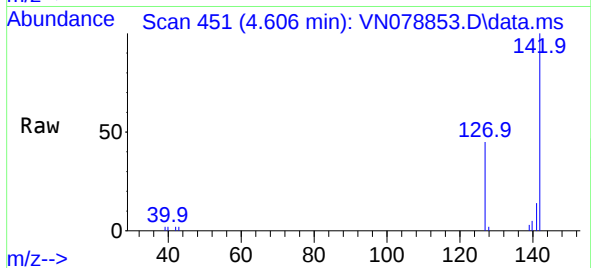
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:142 Resp: 43294

Ion Ratio Lower Upper

142 100

127 45.1 23.2 69.5

141 13.9 7.2 21.7

Manual Integrations

APPROVED

Reviewed By :John

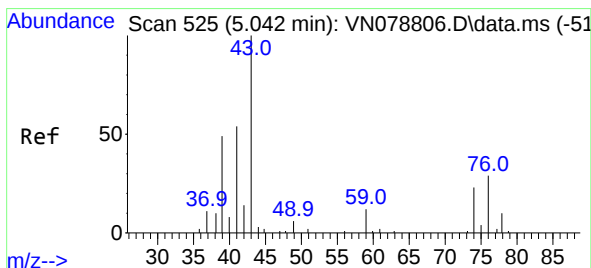
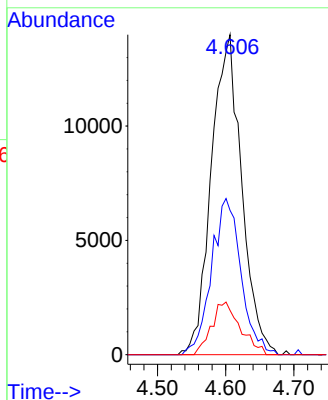
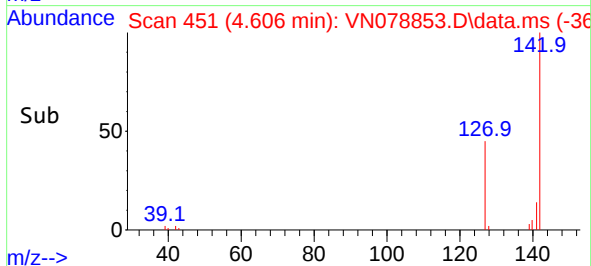
Carlone

08/14/2023

Supervised By :Mahesh

Dadoda

08/15/2023



#12

Methyl Acetate

Concen: 19.658 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.006 min

Lab File: VN078853.D

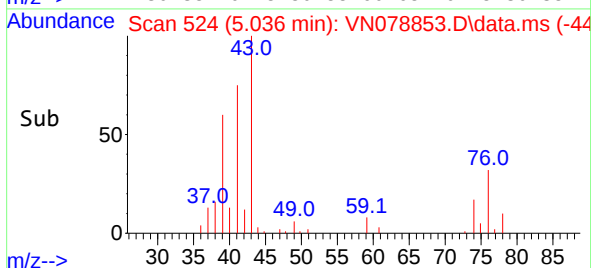
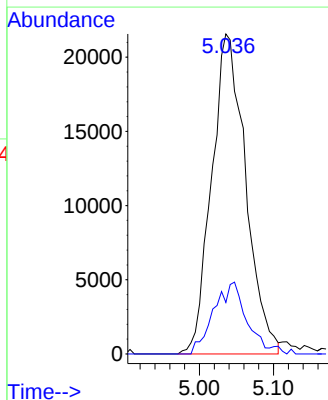
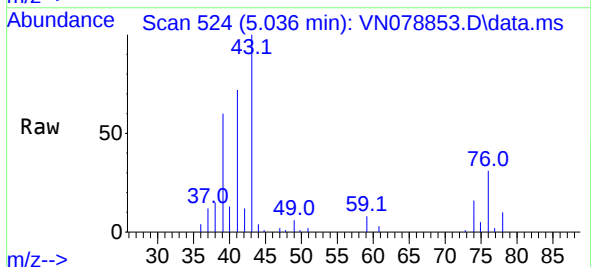
Acq: 11 Aug 2023 09:23

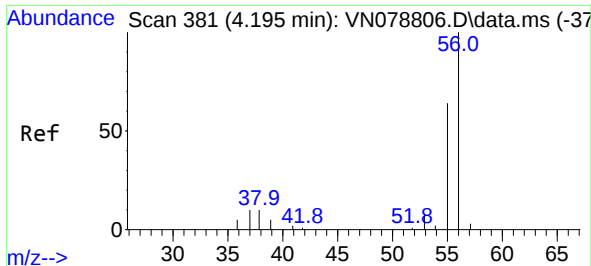
Tgt Ion: 43 Resp: 68765

Ion Ratio Lower Upper

43 100

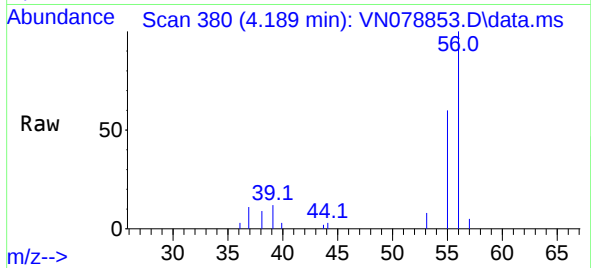
74 15.1 20.5 30.7#





#13
Acrolein
Concen: 94.744 ug/l m
RT: 4.189 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

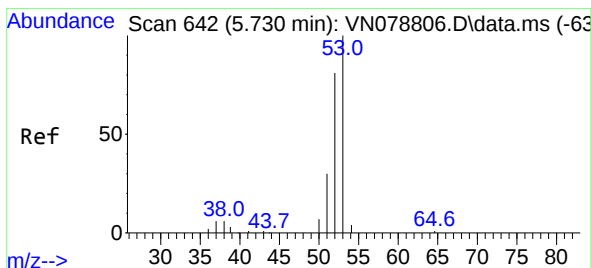
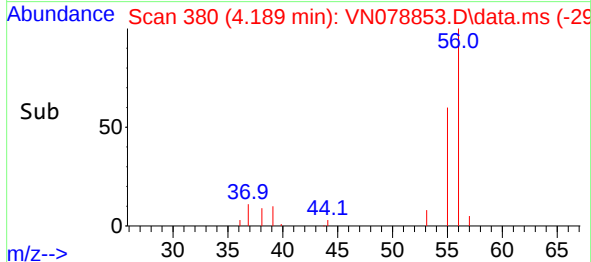
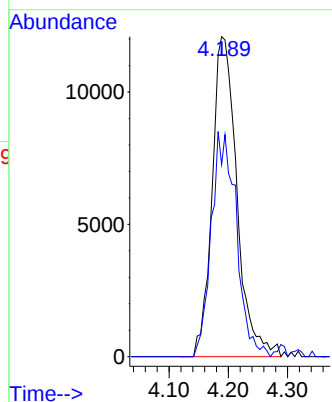
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 3510
Ion Ratio Lower Upper
56 100
55 0.6 59.0 88.4

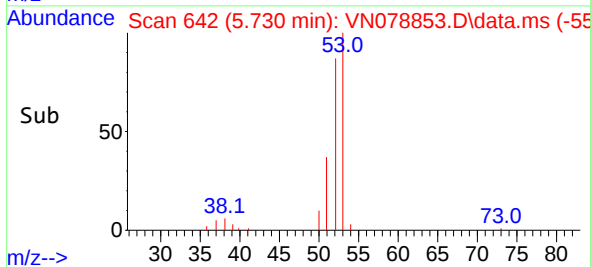
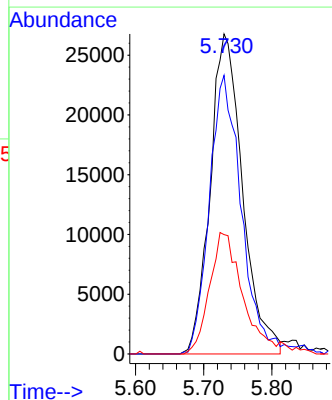
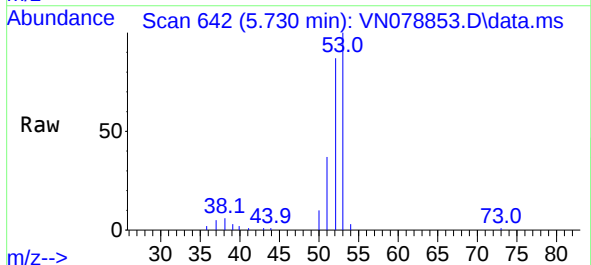
Manual Integrations
APPROVED

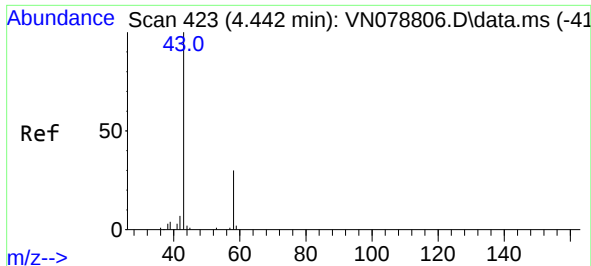
Reviewed By :John
Carlone
08/14/2023
Supervised By :Mahesh
Dadoda
08/15/2023



#14
Acrylonitrile
Concen: 96.067 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

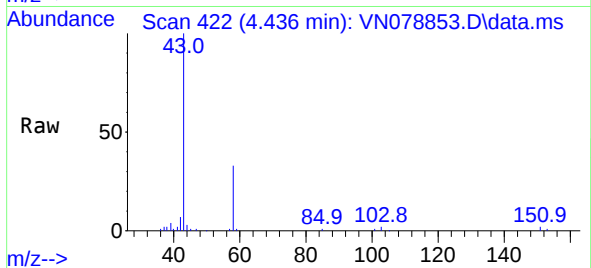
Tgt Ion: 53 Resp: 88545
Ion Ratio Lower Upper
53 100
52 84.1 42.3 126.9
51 38.4 18.4 55.4





#15
Acetone
Concen: 145.399 ug/l
RT: 4.436 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

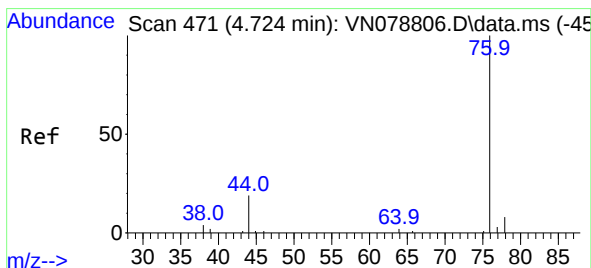
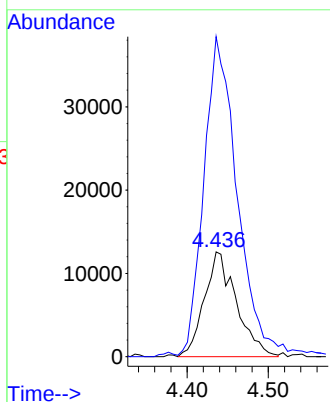
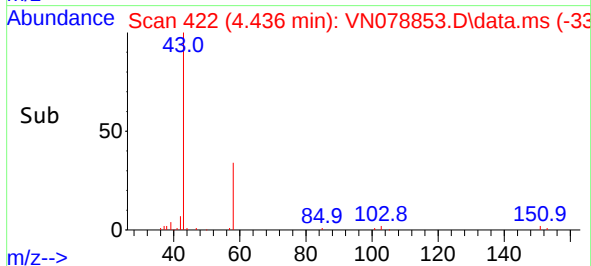
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 34530
Ion Ratio Lower Upper
58 100
43 303.7 227.5 341.3

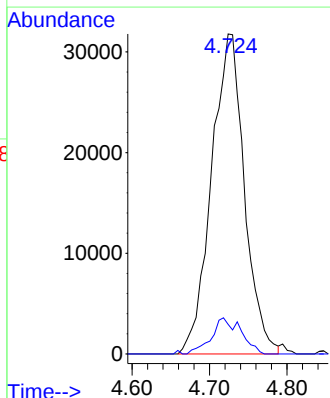
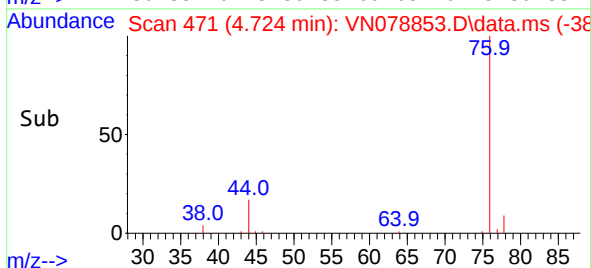
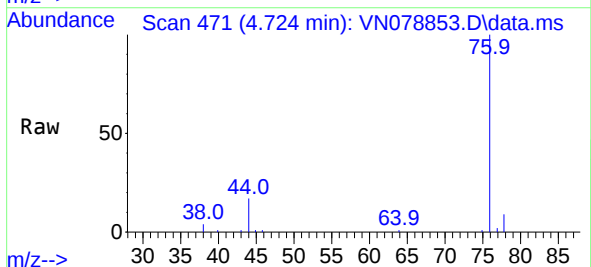
Manual Integrations
APPROVED

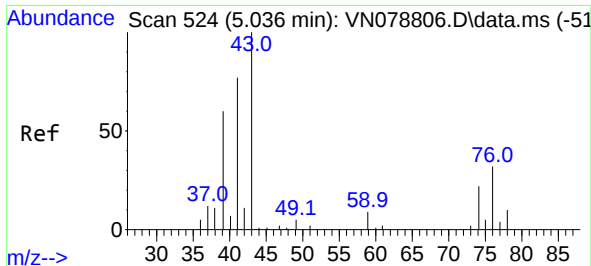
Reviewed By :John
Carlone
08/14/2023
Supervised By :Mahesh
Dadoda
08/15/2023



#16
Carbon Disulfide
Concen: 20.130 ug/l
RT: 4.724 min Scan# 471
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 76 Resp: 93782
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5





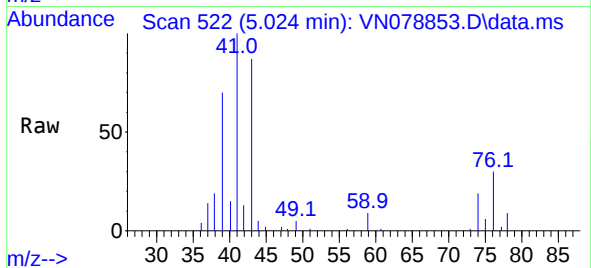
#17
Allyl chloride
Concen: 19.846 ug/l
RT: 5.024 min Scan# 512
Delta R.T. -0.012 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 41 Resp: 55829
Ion Ratio Lower Upper
41 100
39 66.7 37.6 112.8
76 30.3 23.8 71.4

Manual Integrations

APPROVED

Reviewed By :John

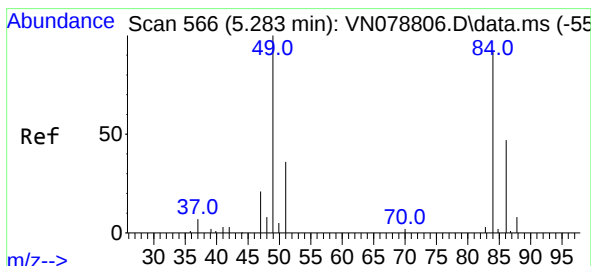
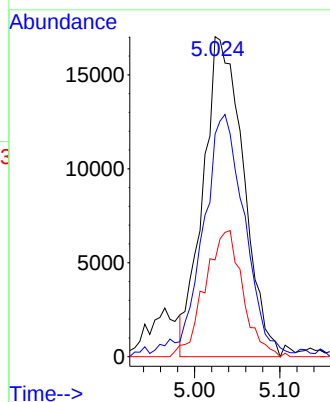
Carlone

08/14/2023

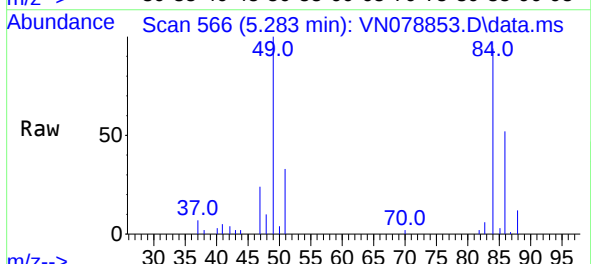
Supervised By :Mahesh

Dadoda

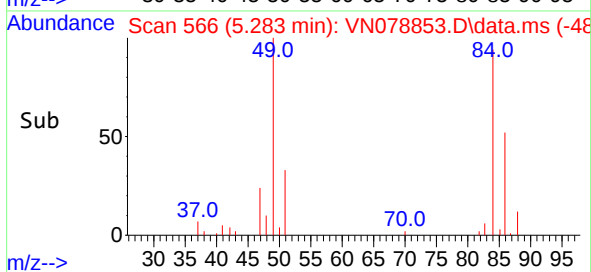
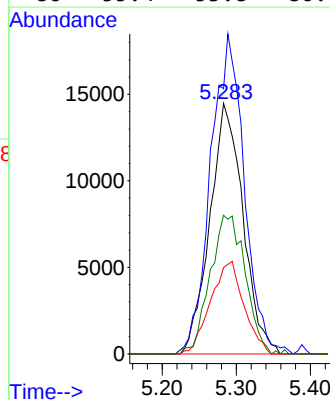
08/15/2023

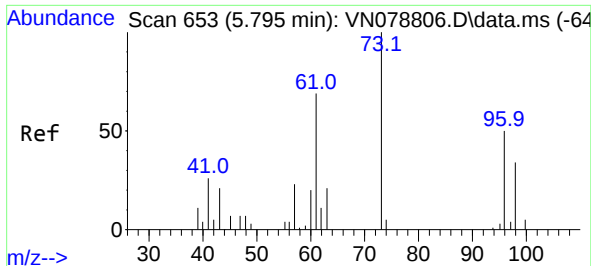


#18
Methylene Chloride
Concen: 22.424 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23



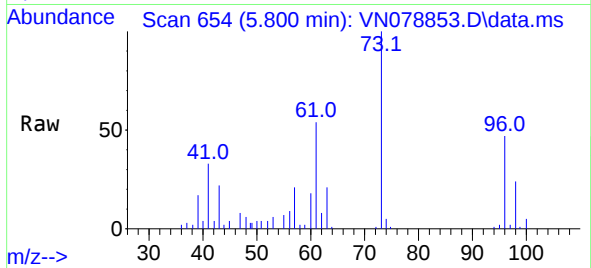
Tgt Ion: 84 Resp: 45035
Ion Ratio Lower Upper
84 100
49 104.5 88.1 132.1
51 34.5 24.0 36.0
86 55.4 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 20.479 ug/l
RT: 5.800 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

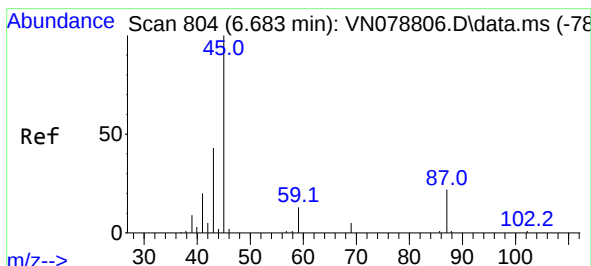
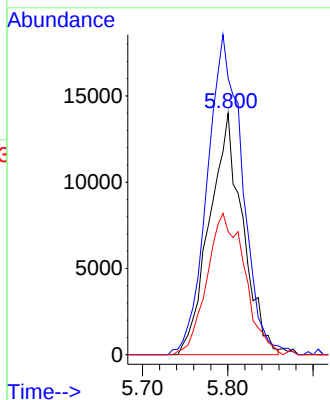
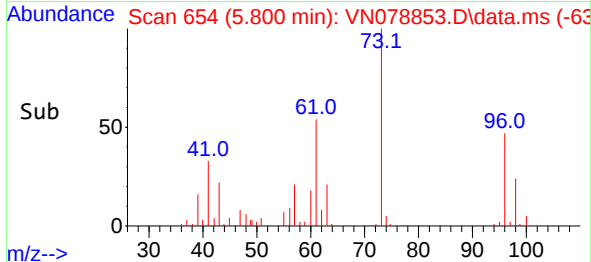


Tgt Ion: 96 Resp: 3784
Ion Ratio Lower Upper
96 100
61 112.2 105.2 157.8
98 49.6 50.5 75.7

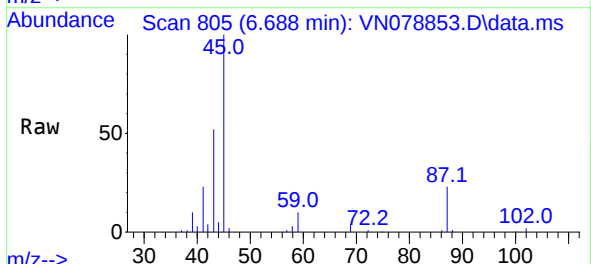
Manual Integrations
APPROVED

Reviewed By :John
Carlone
08/14/2023

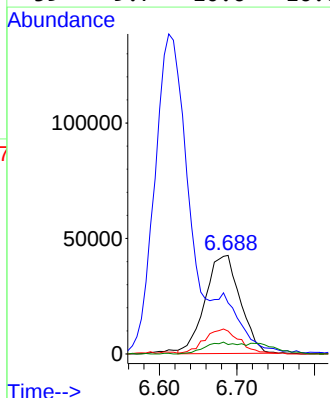
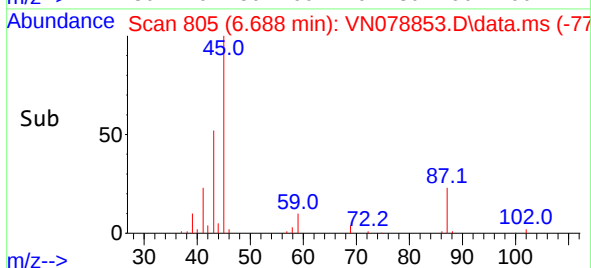
Supervised By :Mahesh
Dadoda
08/15/2023

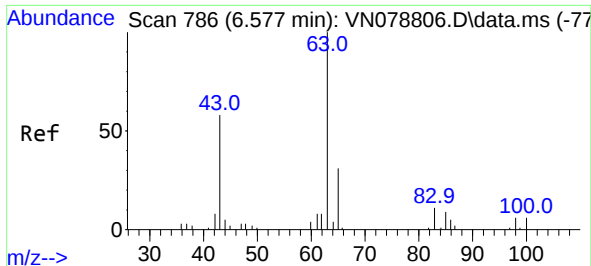


#20
Diisopropyl ether
Concen: 21.096 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23



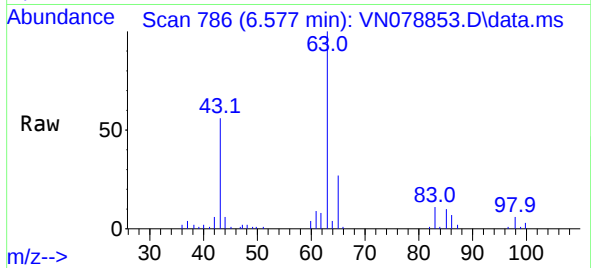
Tgt Ion: 45 Resp: 133267
Ion Ratio Lower Upper
45 100
43 48.0 43.6 65.4
87 22.8 25.8 38.6#
59 9.7 10.6 16.0#





#21
1,1-Dichloroethane
Concen: 21.294 ug/l
RT: 6.577 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

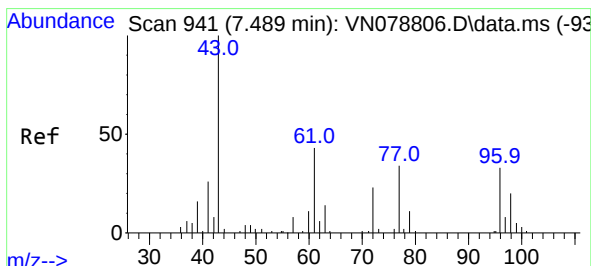
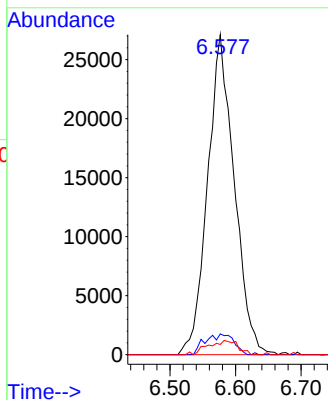
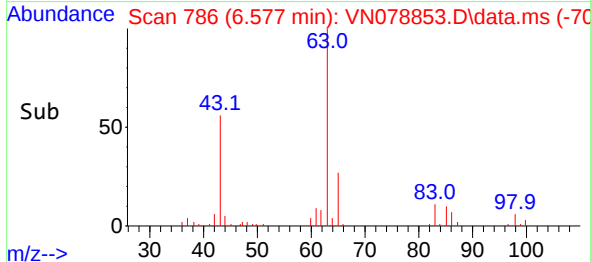


Tgt Ion: 63 Resp: 76694
Ion Ratio Lower Upper
63 100
98 6.5 2.7 8.1
100 3.2 2.5 7.4

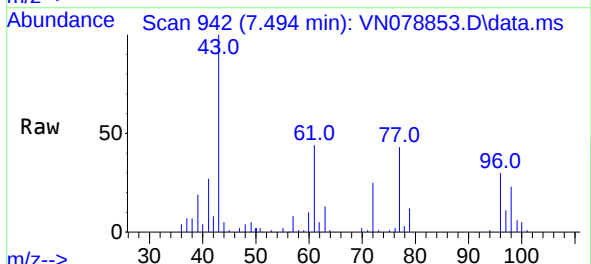
Manual Integrations
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Reviewed By :John
Carlone
08/14/2023

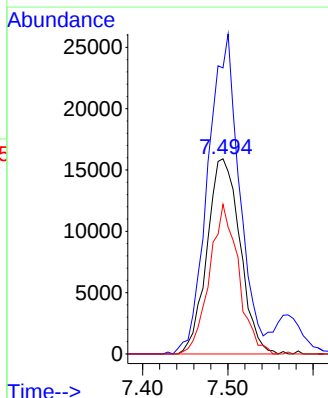
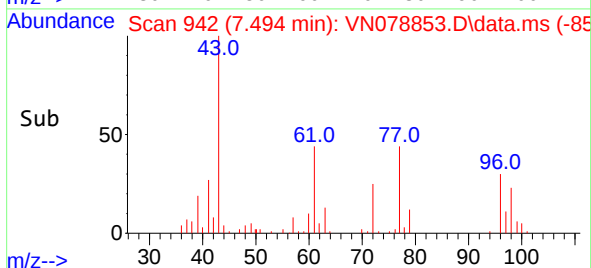
Supervised By :Mahesh
Dadoda
08/15/2023

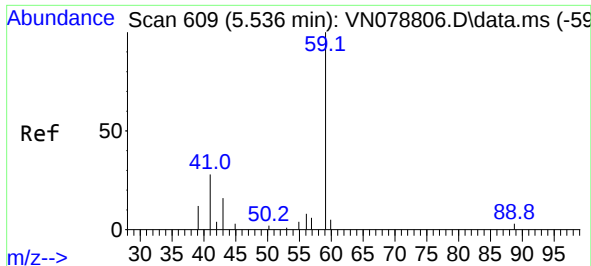


#22
cis-1,2-Dichloroethene
Concen: 20.894 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23



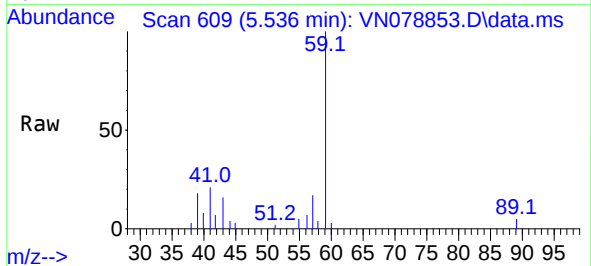
Tgt Ion: 96 Resp: 42794
Ion Ratio Lower Upper
96 100
61 156.1 113.8 170.6
98 67.4 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 84.646 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

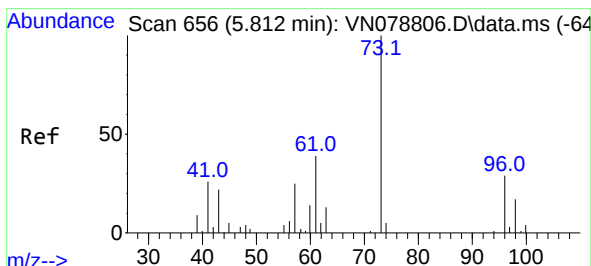
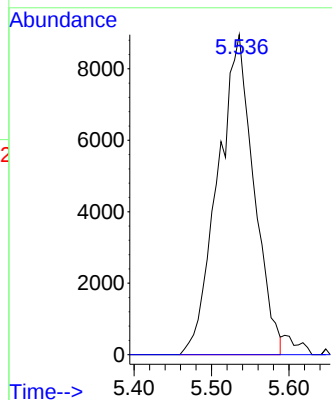


Tgt Ion: 59 Resp: 2899
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

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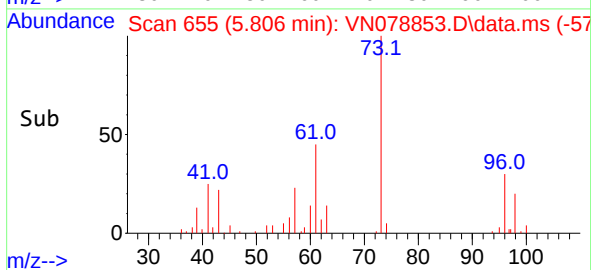
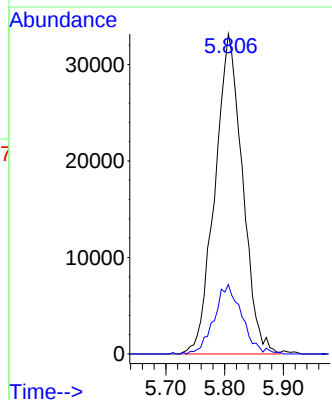
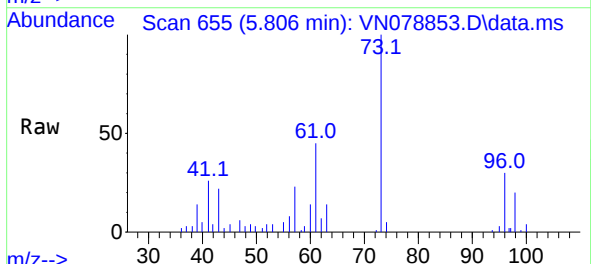
Reviewed By :John
Carlone
08/14/2023

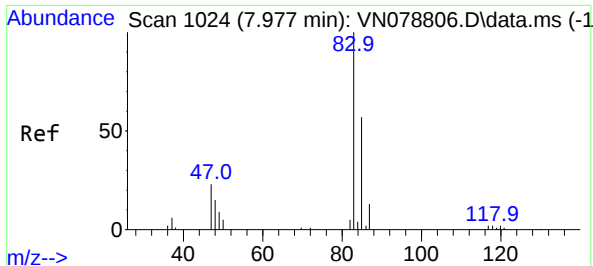
Supervised By :Mahesh
Dadoda
08/15/2023



#24
Methyl tert-Butyl Ether
Concen: 20.073 ug/l
RT: 5.806 min Scan# 655
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

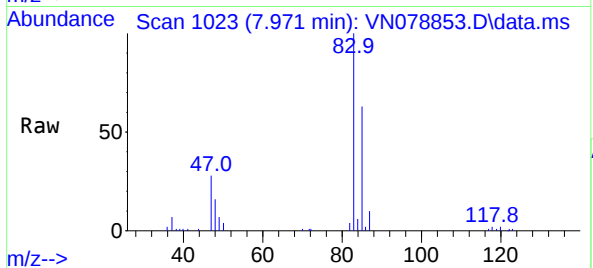
Tgt Ion: 73 Resp: 108127
Ion Ratio Lower Upper
73 100
43 21.4 14.5 21.7





#25
Chloroform
Concen: 20.965 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

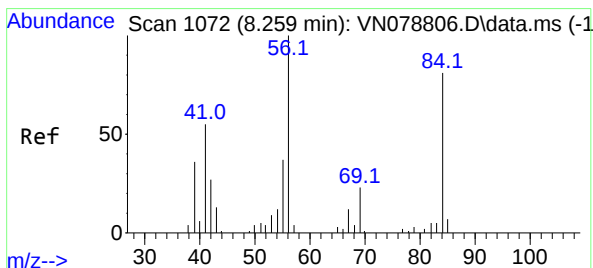
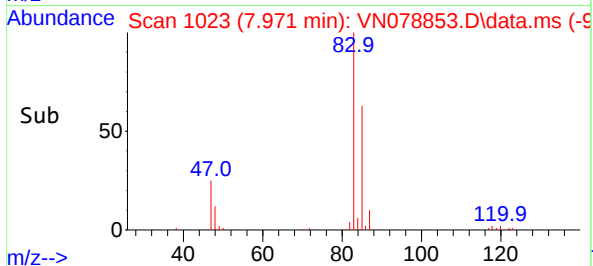
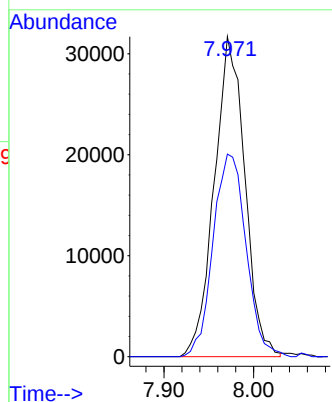


Tgt Ion: 83 Resp: 74964
Ion Ratio Lower Upper
83 100
85 63.3 53.4 80.0

Manual Integrations
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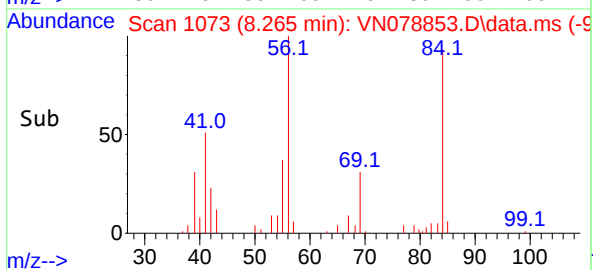
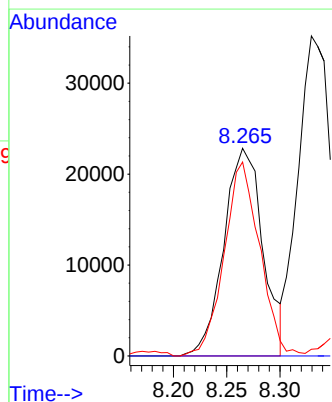
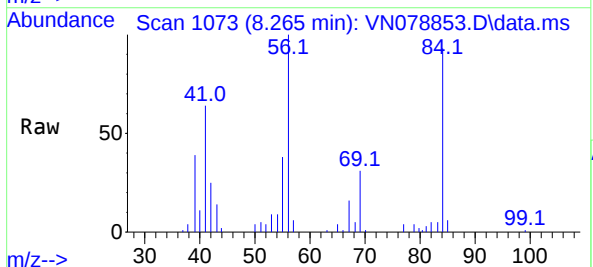
Reviewed By :John
Carlone
08/14/2023

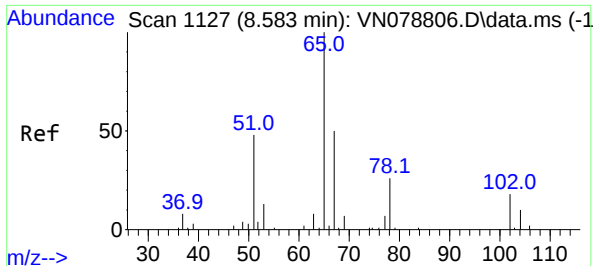
Supervised By :Mahesh
Dadoda
08/15/2023



#26
Cyclohexane
Concen: 20.550 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 56 Resp: 58296
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.1 74.2 111.4





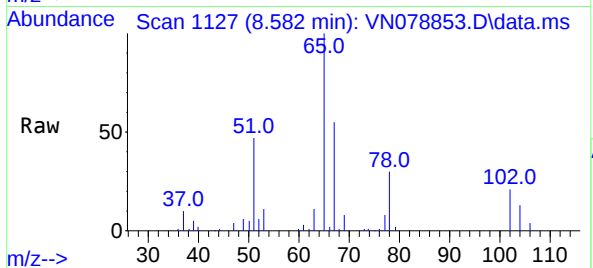
#27
1,2-Dichloroethane-d4
Concen: 32.706 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 65 Resp: 76092
Ion Ratio Lower Upper
65 100
67 52.9 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :John

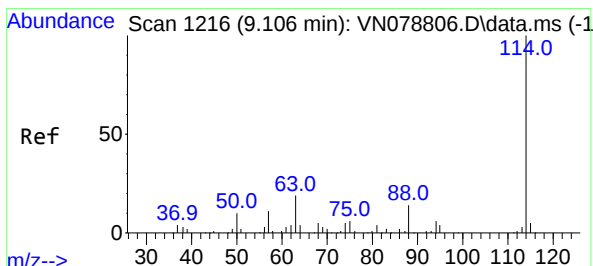
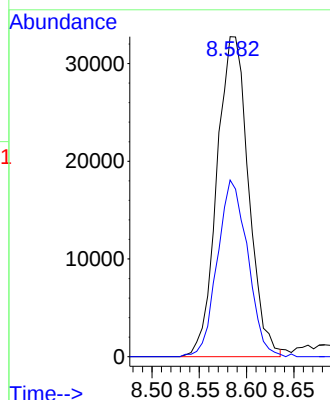
Carlone

08/14/2023

Supervised By :Mahesh

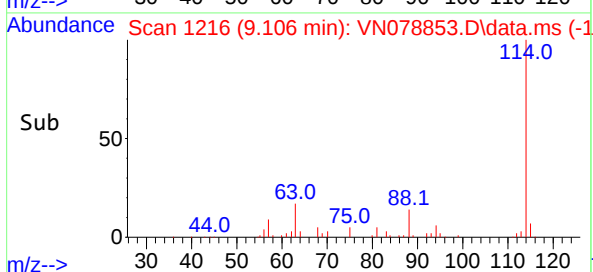
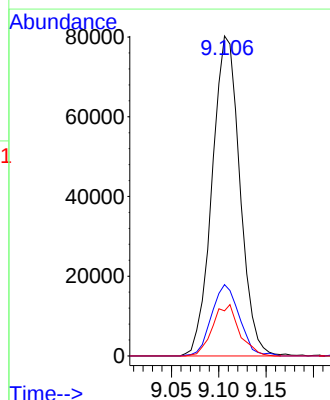
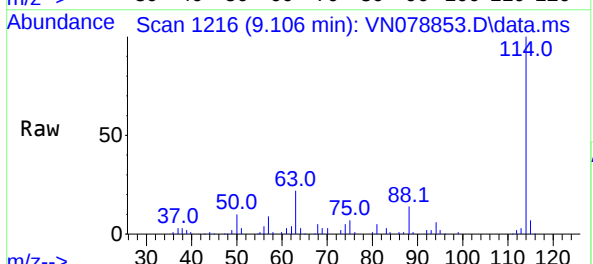
Dadoda

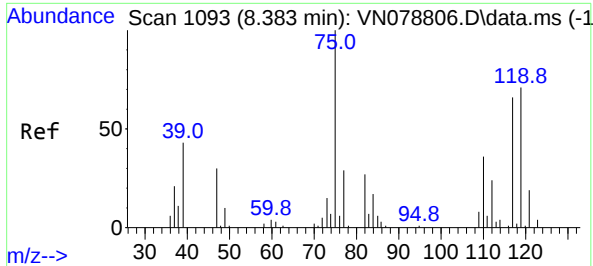
08/15/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion:114 Resp: 163798
Ion Ratio Lower Upper
114 100
63 22.4 15.2 22.8
88 15.4 12.5 18.7





#29
1,1-Dichloropropene
Concen: 20.343 ug/l
RT: 8.377 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 54134
Ion Ratio Lower Upper
75 100
110 33.5 0.0 72.2
77 31.5 0.0 62.8

Manual Integrations
APPROVED

Reviewed By :John

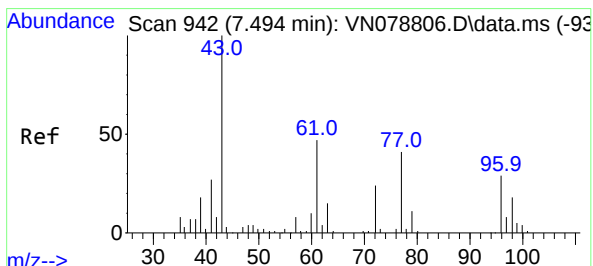
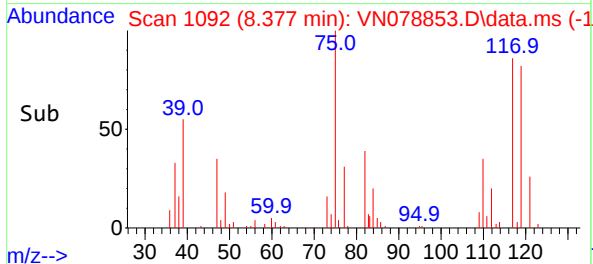
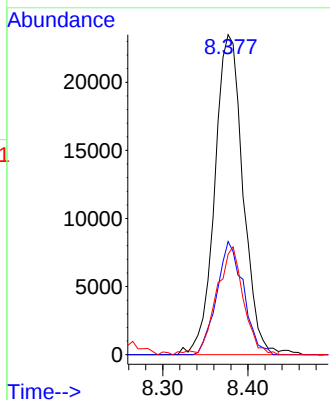
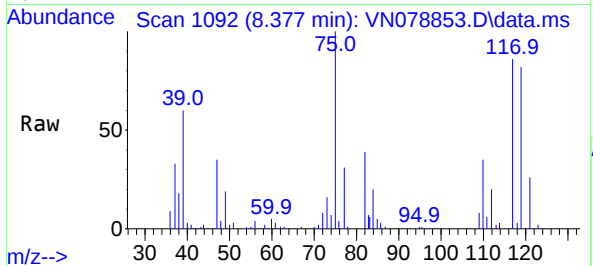
Carlone

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Supervised By :Mahesh

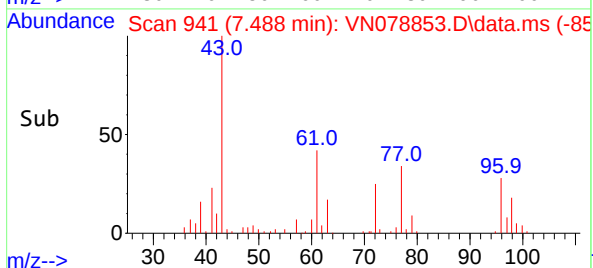
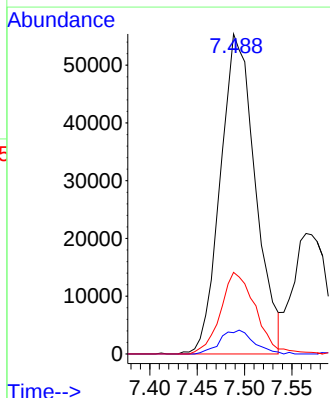
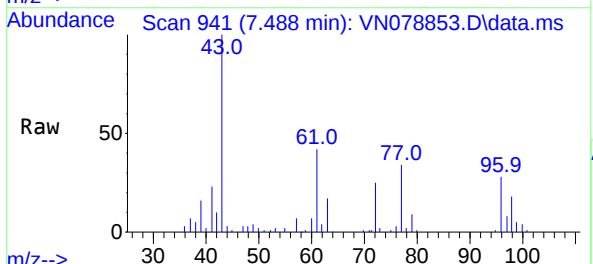
Dadoda

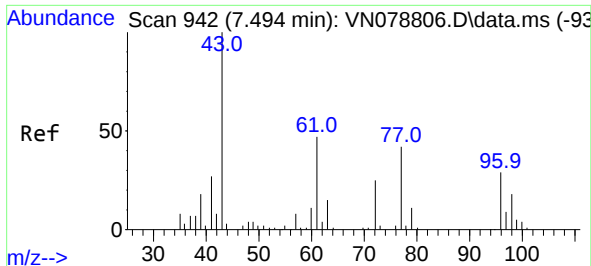
08/15/2023



#30
2-Butanone
Concen: 109.135 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

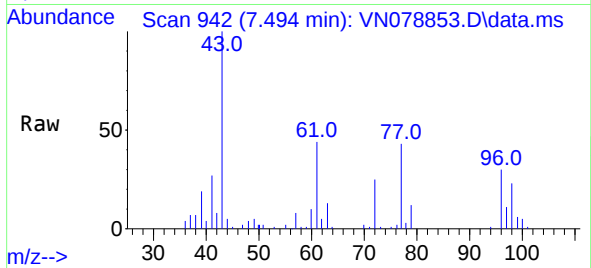
Tgt Ion: 43 Resp: 142347
Ion Ratio Lower Upper
43 100
57 7.1 6.8 10.2
72 25.7 23.8 35.6





#31
2,2-Dichloropropane
Concen: 22.932 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

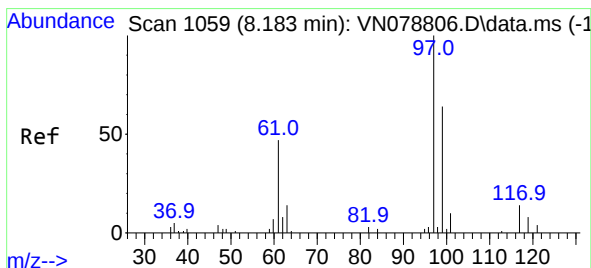
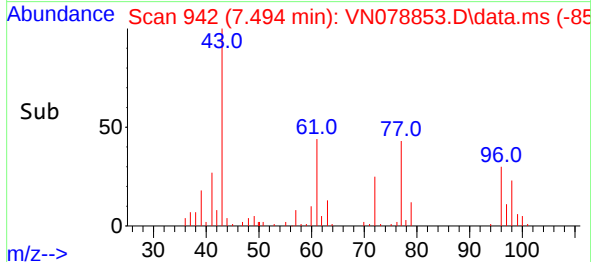
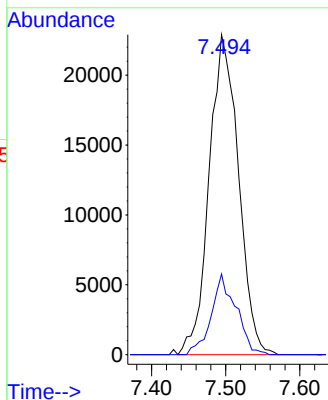
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 77 Resp: 62920
Ion Ratio Lower Upper
77 100
97 21.2 18.8 28.2

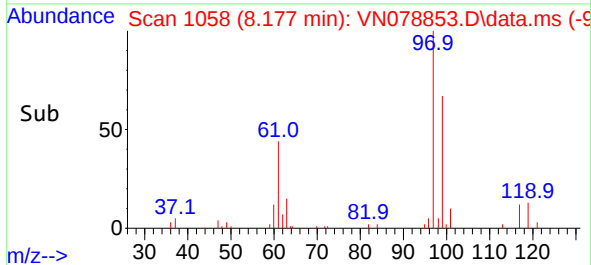
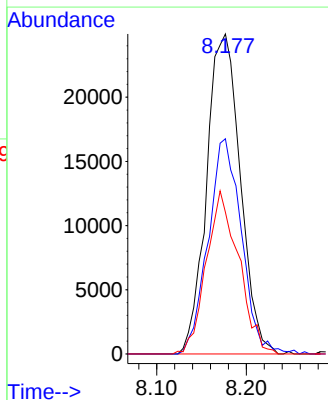
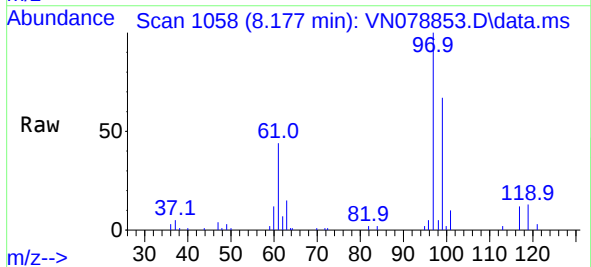
Manual Integrations
APPROVED

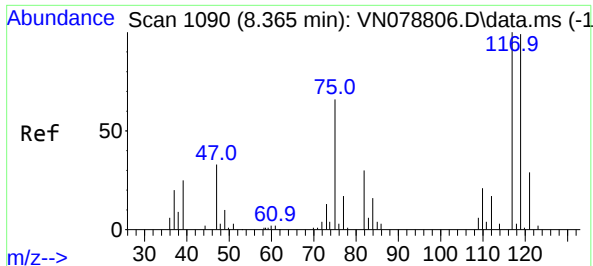
Reviewed By :John
Carlone
08/14/2023
Supervised By :Mahesh
Dadoda
08/15/2023



#32
1,1,1-Trichloroethane
Concen: 20.729 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

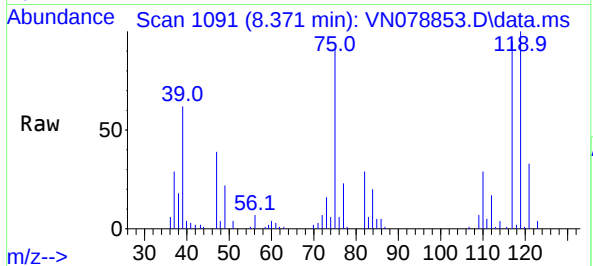
Tgt Ion: 97 Resp: 64961
Ion Ratio Lower Upper
97 100
99 66.5 51.3 76.9
61 48.9 34.6 52.0





#33
Carbon Tetrachloride
Concen: 20.195 ug/l
RT: 8.371 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

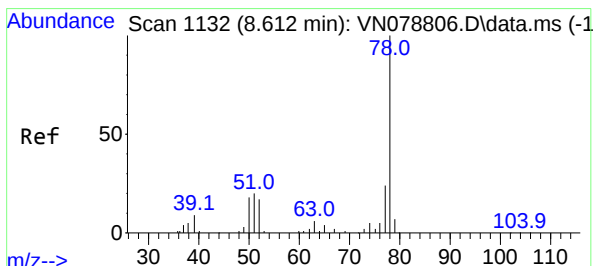
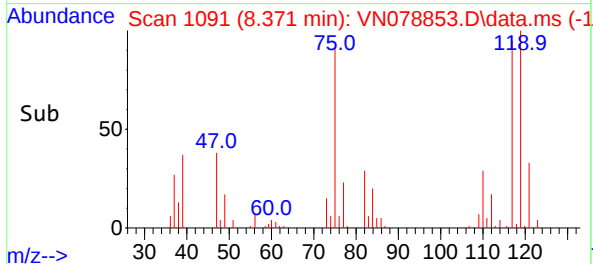
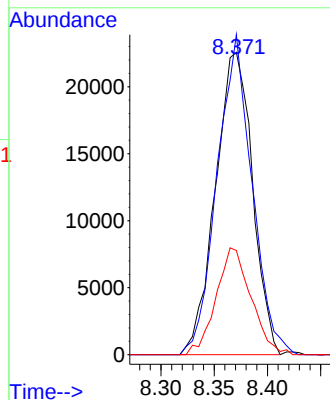


Tgt Ion:117 Resp: 5462
Ion Ratio Lower Upper
117 100
119 105.8 81.4 122.0
121 34.4 23.6 35.4

Manual Integrations
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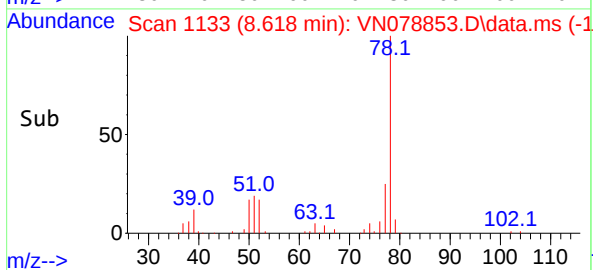
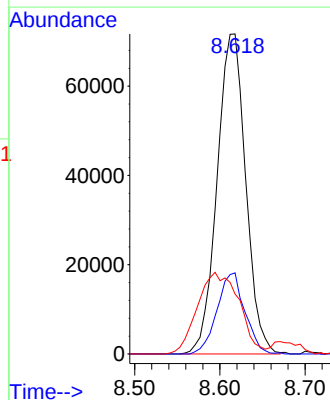
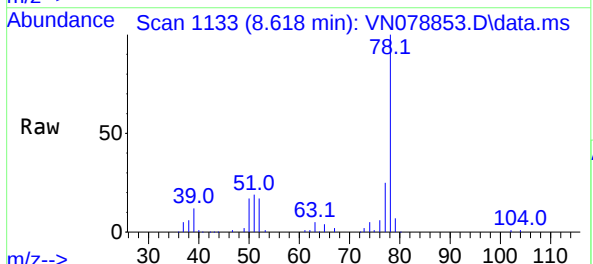
Reviewed By :John
Carlone
08/14/2023

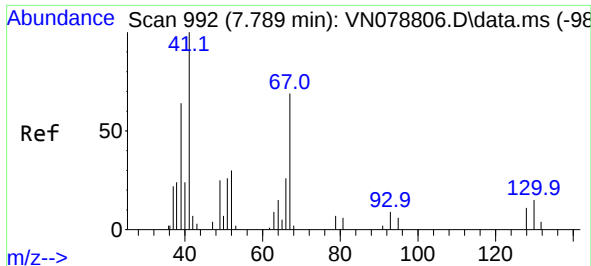
Supervised By :Mahesh
Dadoda
08/15/2023



#34
Benzene
Concen: 20.663 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 78 Resp: 167312
Ion Ratio Lower Upper
78 100
77 25.4 18.3 27.5
51 16.6 13.7 20.5





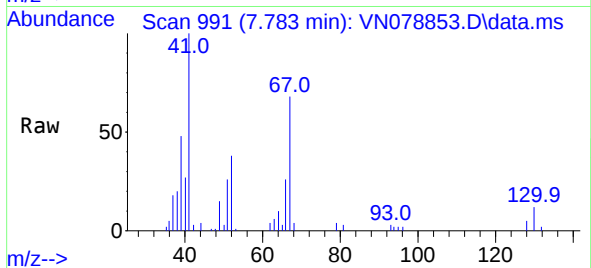
#35
Methacrylonitrile
Concen: 18.645 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 41 Resp: 2855
Ion Ratio Lower Upper
41 100
39 46.9 33.9 101.6
67 67.2 45.9 137.6
52 38.8 18.2 54.6

Manual Integrations
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Reviewed By :John

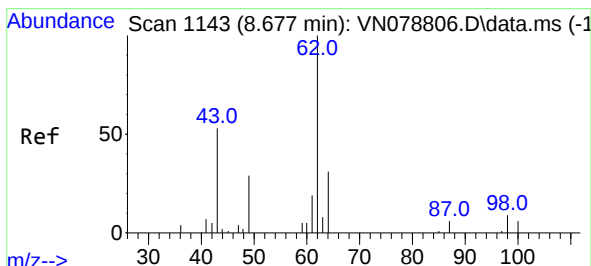
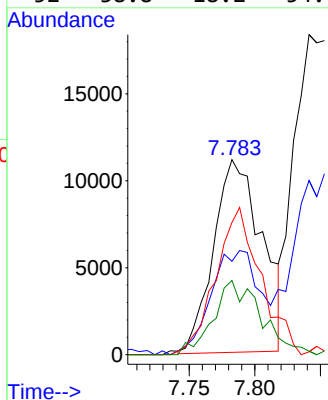
Carlone

08/14/2023

Supervised By :Mahesh

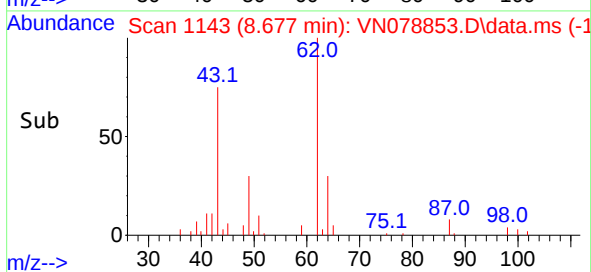
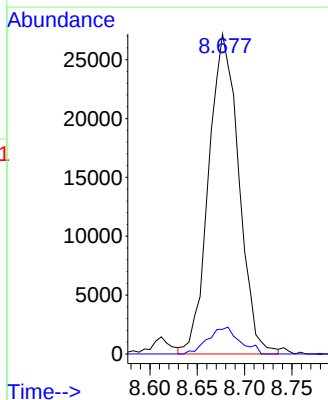
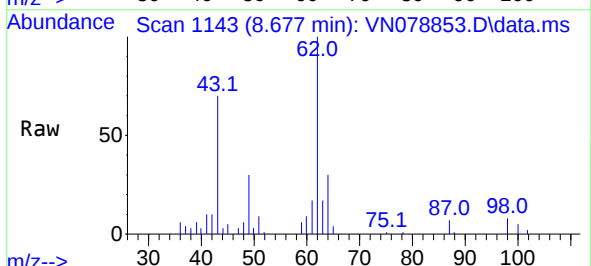
Dadoda

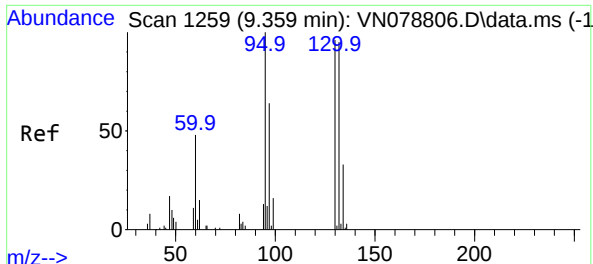
08/15/2023



#36
1,2-Dichloroethane
Concen: 21.287 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 62 Resp: 60253
Ion Ratio Lower Upper
62 100
98 8.3 7.4 11.0





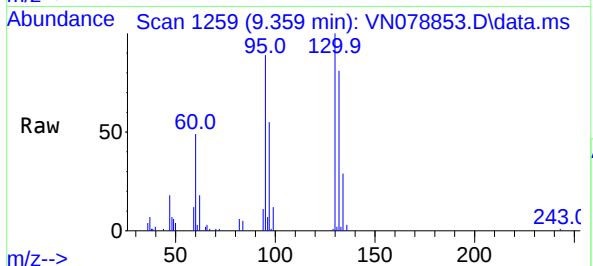
#37
Trichloroethene
Concen: 21.218 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:130 Resp: 4134
Ion Ratio Lower Upper
130 100
95 89.4 78.2 117.4

Manual Integrations

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Reviewed By :John

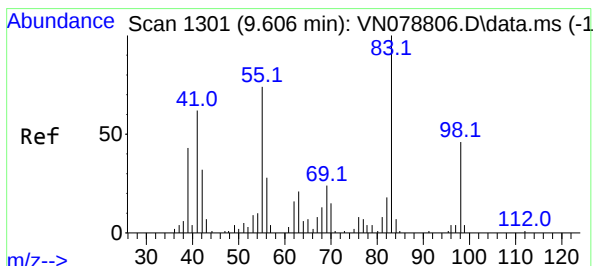
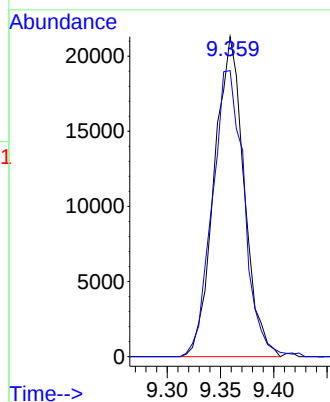
Carlone

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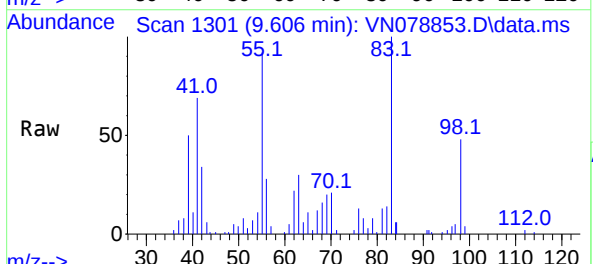
Supervised By :Mahesh

Dadoda

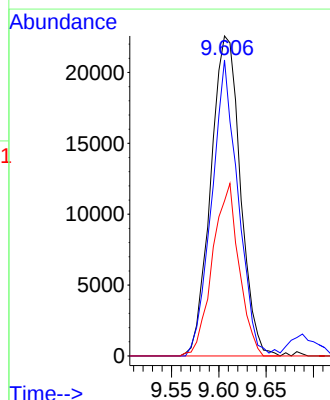
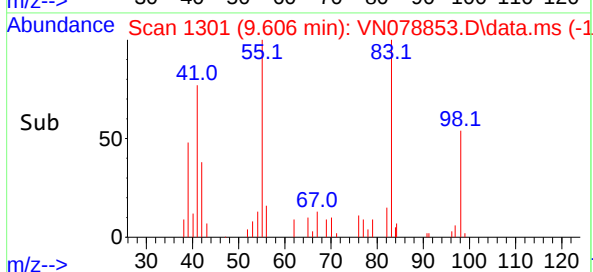
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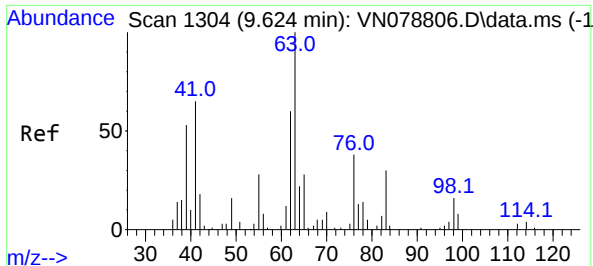


#38
Methylcyclohexane
Concen: 19.493 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23



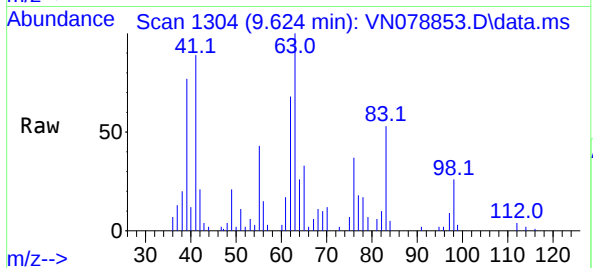
Tgt Ion: 83 Resp: 49111
Ion Ratio Lower Upper
83 100
55 82.5 34.0 102.0
98 48.2 23.0 69.0





#39
1,2-Dichloropropane
Concen: 20.714 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

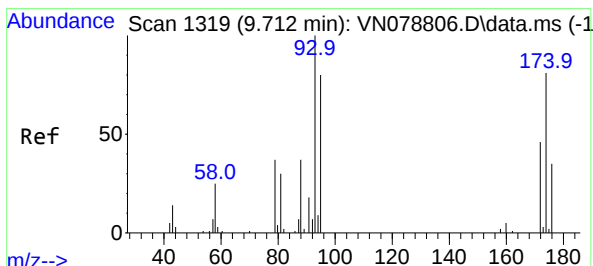
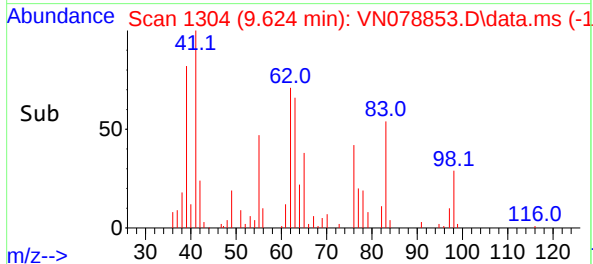
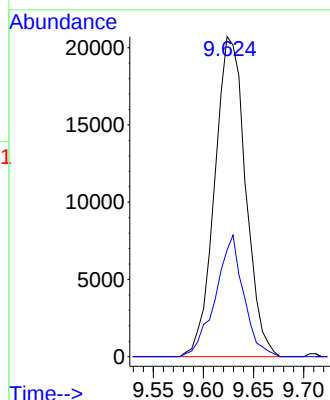
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 44370
Ion Ratio Lower Upper
63 100
65 33.3 27.4 41.2

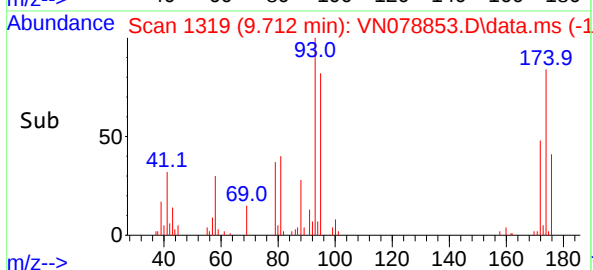
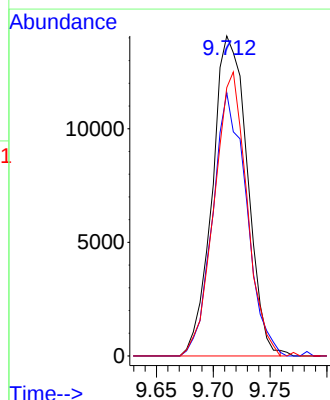
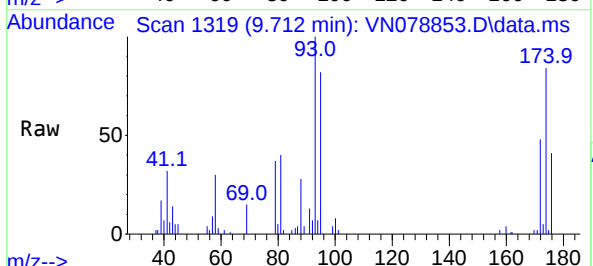
Manual Integrations
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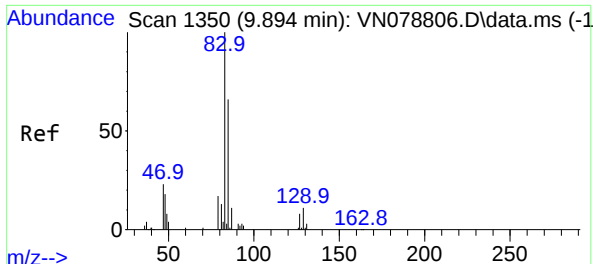
Reviewed By :John
Carlone
08/14/2023
Supervised By :Mahesh
Dadoda
08/15/2023



#40
Dibromomethane
Concen: 21.097 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 93 Resp: 30095
Ion Ratio Lower Upper
93 100
95 79.5 0.0 167.8
174 82.9 0.0 180.8





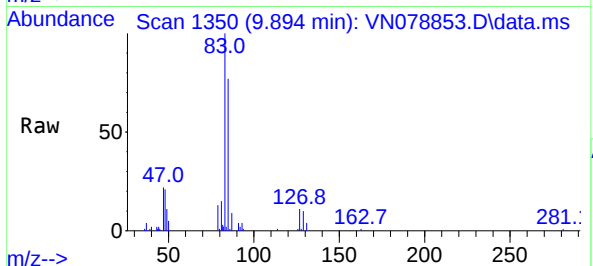
#41
Bromodichloromethane
Concen: 20.209 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 83 Resp: 5808
Ion Ratio Lower Upper
83 100
85 76.6 54.1 81.1
127 12.0 7.8 11.6

Manual Integrations
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Reviewed By :John

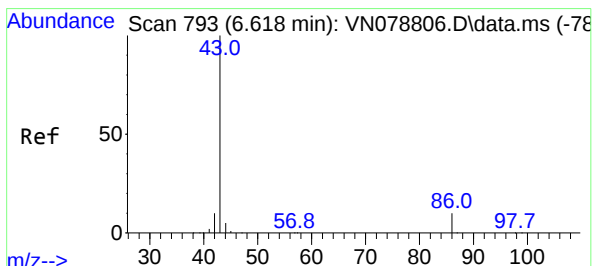
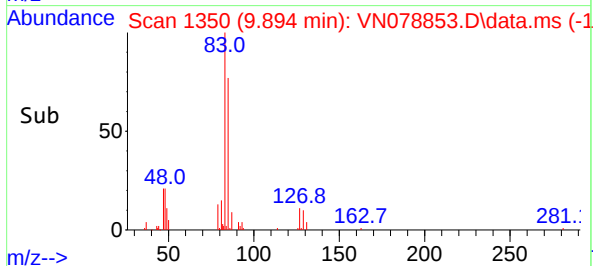
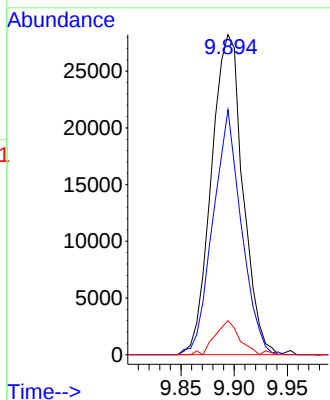
Carlone

08/14/2023

Supervised By :Mahesh

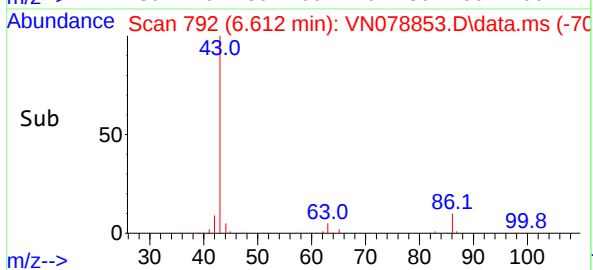
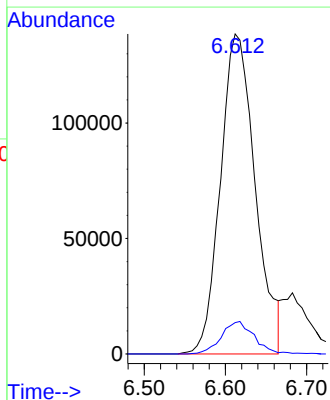
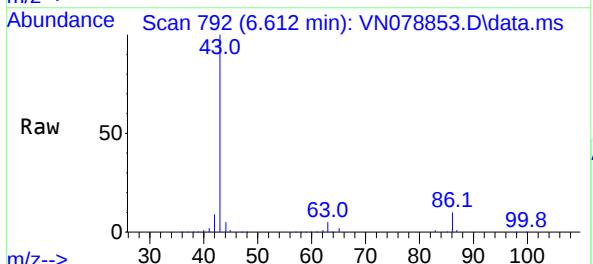
Dadoda

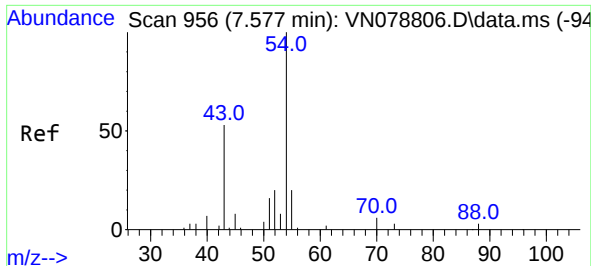
08/15/2023



#42
Vinyl Acetate
Concen: 100.630 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

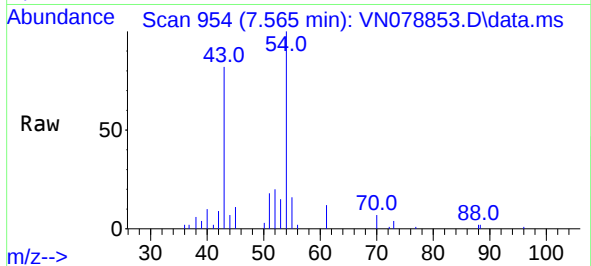
Tgt Ion: 43 Resp: 413030
Ion Ratio Lower Upper
43 100
86 9.4 9.4 14.0





#43
Ethyl Acetate
Concen: 20.981 ug/l m
RT: 7.565 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

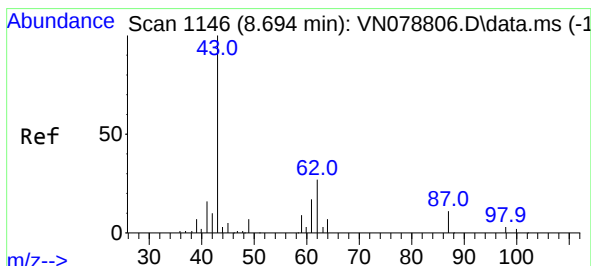
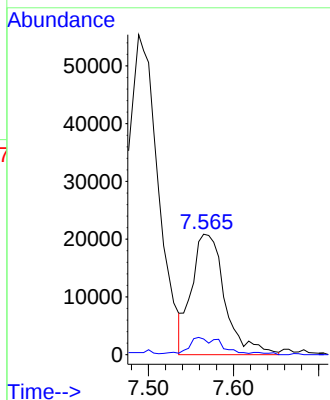
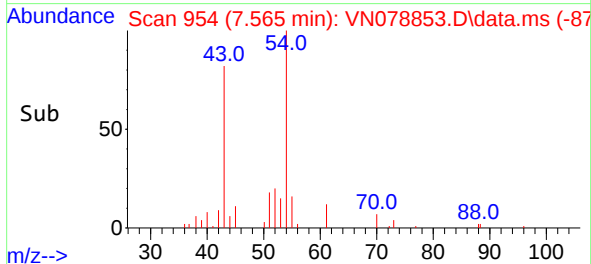
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



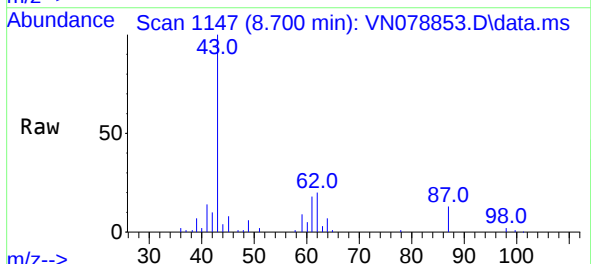
Tgt Ion: 43 Resp: 56808
Ion Ratio Lower Upper
43 100
45 0.6 10.9 16.3

Manual Integrations
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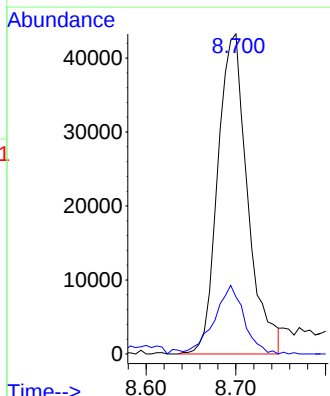
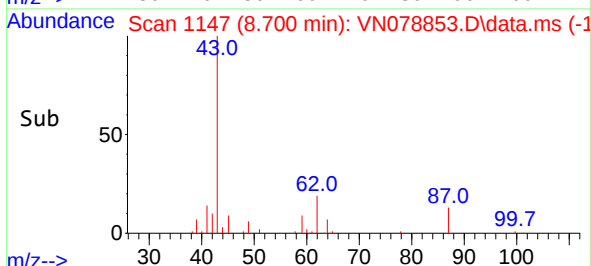
Reviewed By :John
Carlone
08/14/2023
Supervised By :Mahesh
Dadoda
08/15/2023

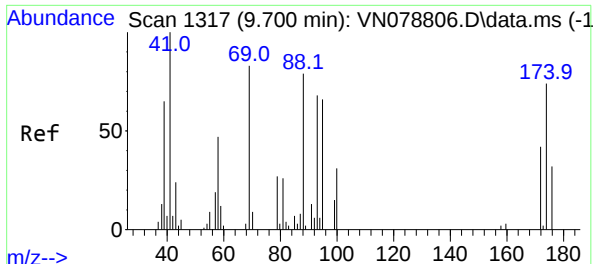


#44
Isopropyl Acetate
Concen: 20.565 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23



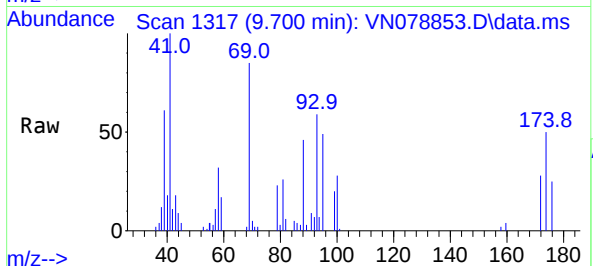
Tgt Ion: 43 Resp: 99986
Ion Ratio Lower Upper
43 100
61 21.3 23.0 34.6





#45
1,4-Dioxane
Concen: 372.966 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

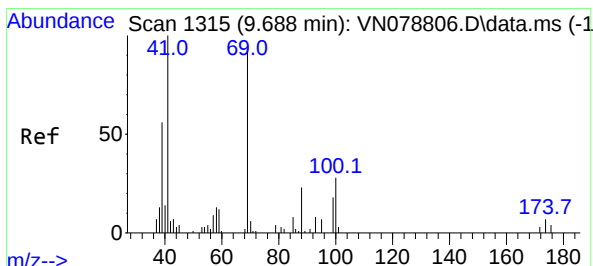
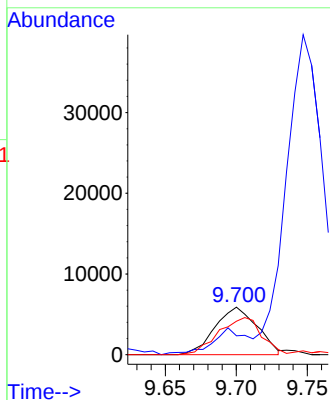
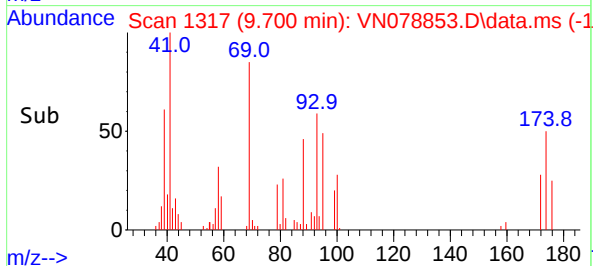


Tgt Ion: 88 Resp: 12160
Ion Ratio Lower Upper
88 100
43 40.2 19.0 28.6
58 79.6 48.2 72.2

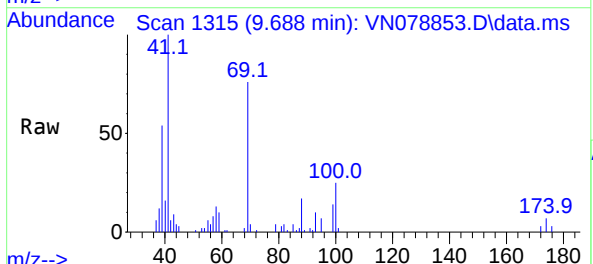
Manual Integrations
APPROVED

Reviewed By :John
Carlone
08/14/2023

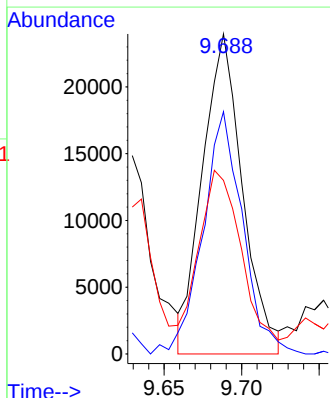
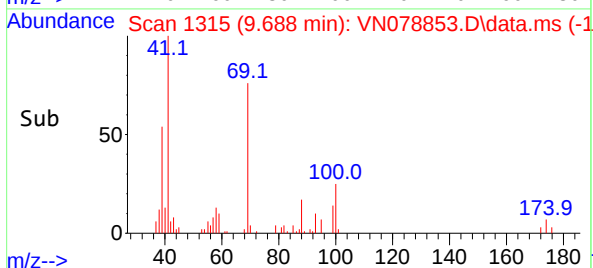
Supervised By :Mahesh
Dadoda
08/15/2023

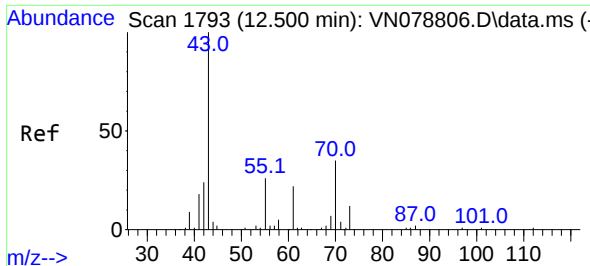


#46
Methyl methacrylate
Concen: 20.883 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23



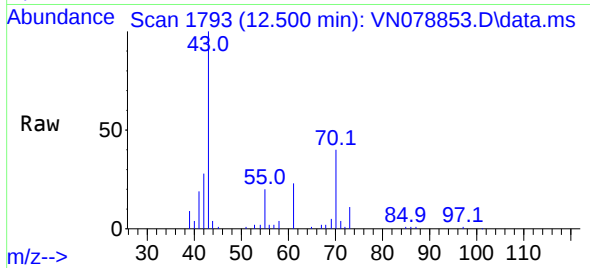
Tgt Ion: 41 Resp: 42994
Ion Ratio Lower Upper
41 100
69 77.4 49.0 147.0
39 53.8 31.6 94.8





#47
n-amyl acetate
Concen: 19.508 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

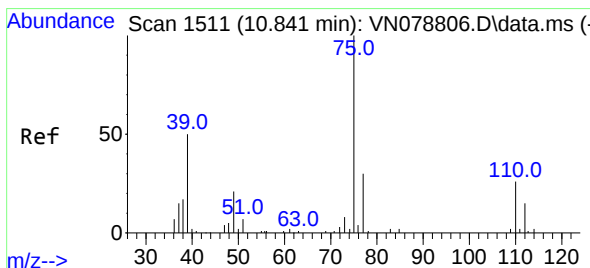
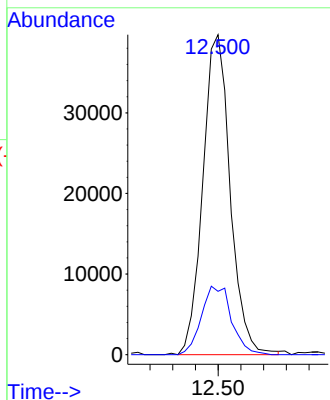
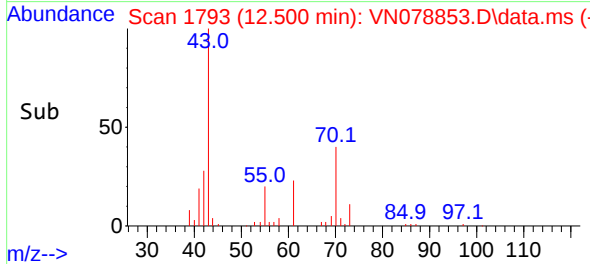
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 66309
Ion Ratio Lower Upper
43 100
55 23.6 21.5 32.3

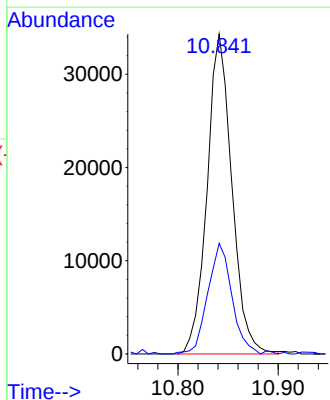
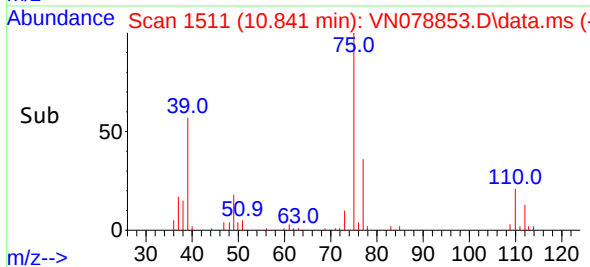
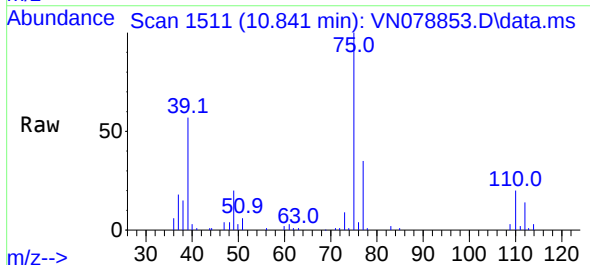
Manual Integrations
APPROVED

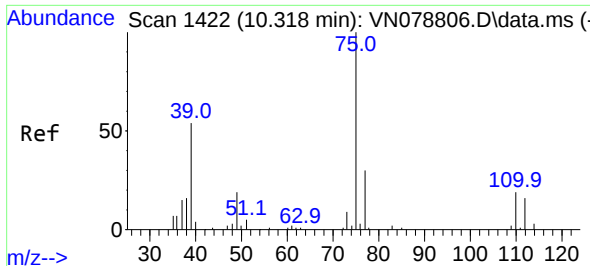
Reviewed By :John
Carlone
08/14/2023
Supervised By :Mahesh
Dadoda
08/15/2023



#48
t-1,3-Dichloropropene
Concen: 20.329 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 75 Resp: 59004
Ion Ratio Lower Upper
75 100
77 34.5 26.1 39.1





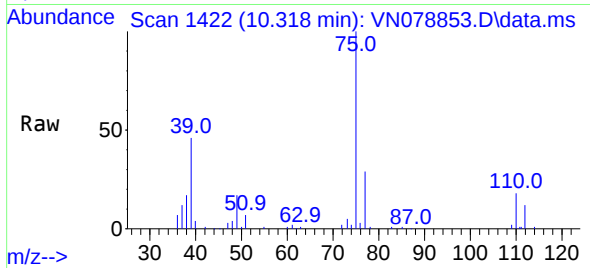
#49
cis-1,3-Dichloropropene
Concen: 20.271 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 75 Resp: 65430
Ion Ratio Lower Upper
75 100
77 29.3 24.0 36.0
39 45.6 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :John

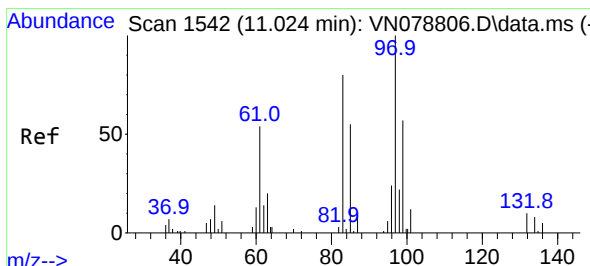
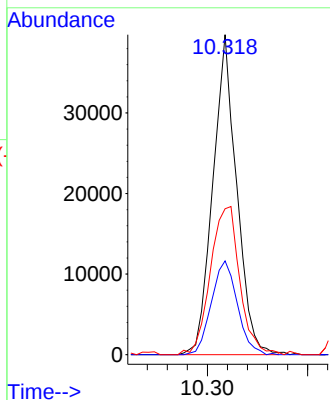
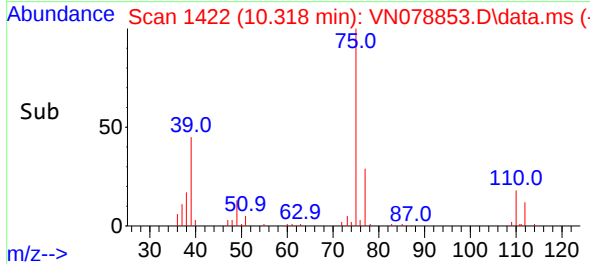
Carlone

08/14/2023

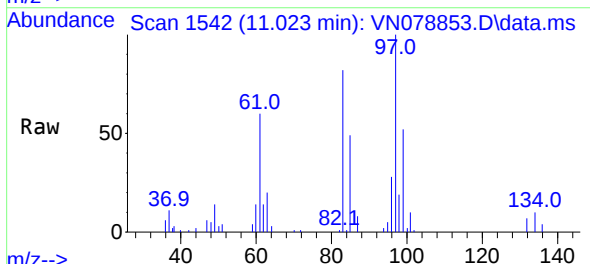
Supervised By :Mahesh

Dadoda

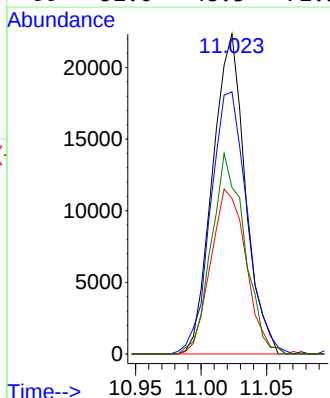
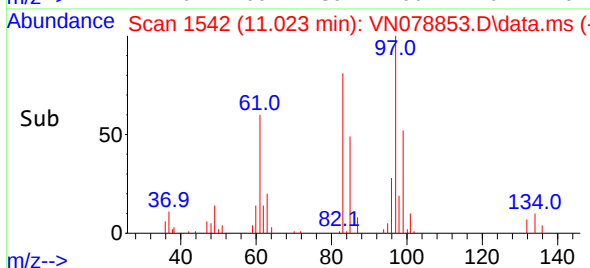
08/15/2023

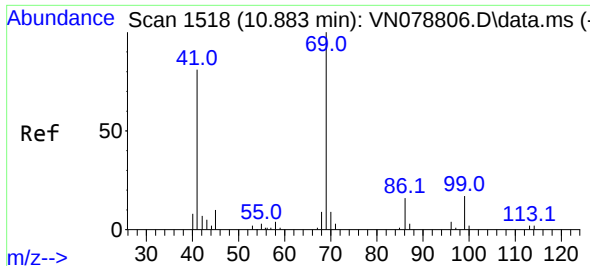


#50
1,1,2-Trichloroethane
Concen: 19.985 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23



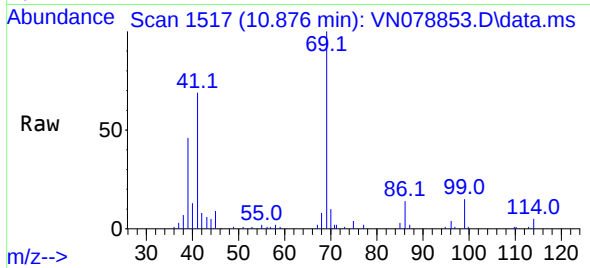
Tgt Ion: 97 Resp: 38738
Ion Ratio Lower Upper
97 100
83 81.1 66.8 100.2
85 48.7 42.5 63.7
99 52.0 48.3 72.5





#51
Ethyl methacrylate
Concen: 19.538 ug/l
RT: 10.876 min Scan# 1518
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

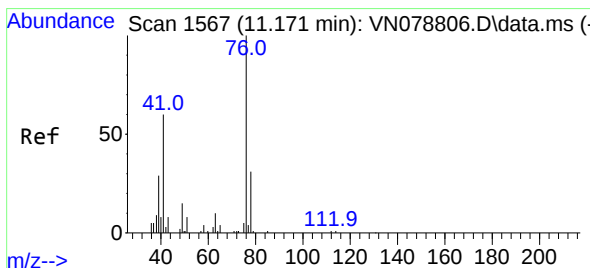
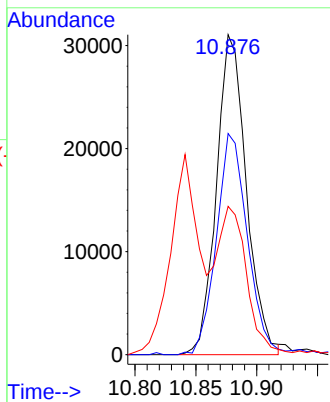
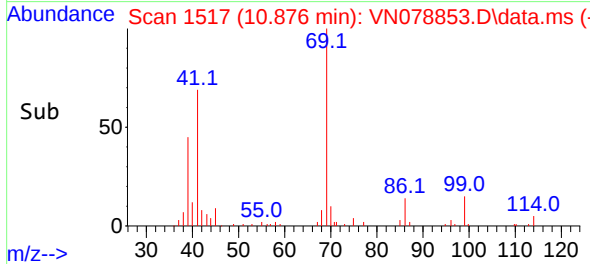


Tgt Ion: 69 Resp: 53085
Ion Ratio Lower Upper
69 100
41 69.1 26.0 78.0
39 44.7 16.3 48.9

Manual Integrations
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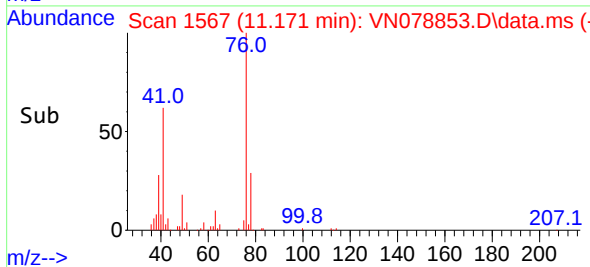
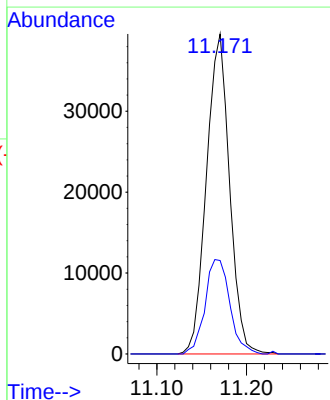
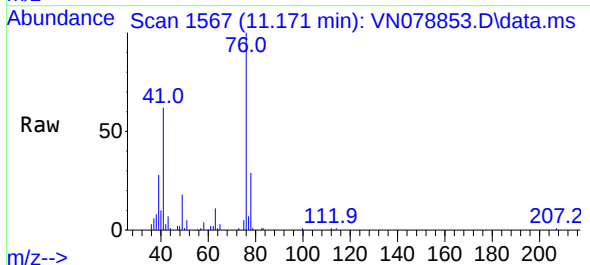
Reviewed By :John
Carlone
08/14/2023

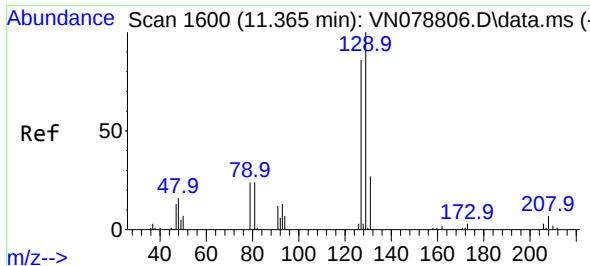
Supervised By :Mahesh
Dadoda
08/15/2023



#52
1,3-Dichloropropane
Concen: 21.236 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

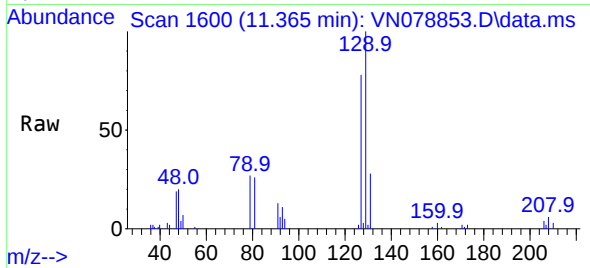
Tgt Ion: 76 Resp: 70681
Ion Ratio Lower Upper
76 100
78 31.7 0.0 66.2





#53
Dibromochloromethane
Concen: 20.828 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

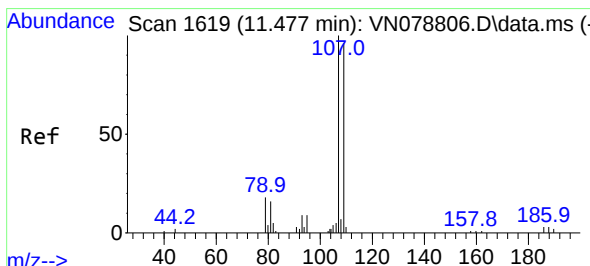
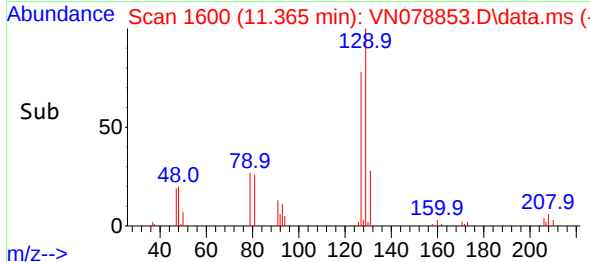
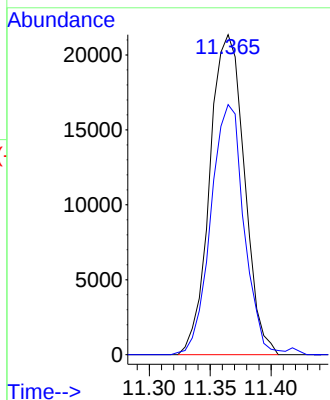
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:129 Resp: 42130
Ion Ratio Lower Upper
129 100
127 75.0 39.4 118.1

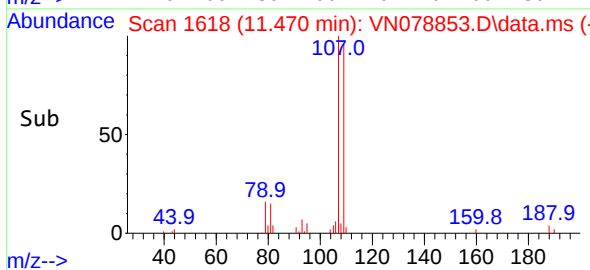
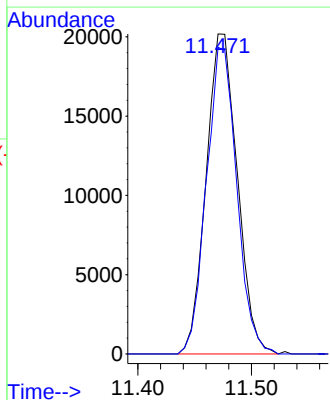
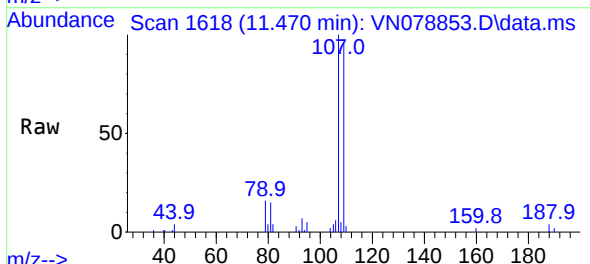
Manual Integrations
APPROVED

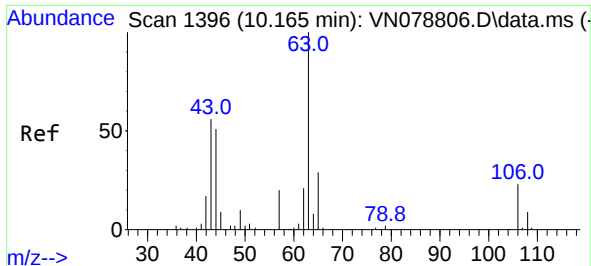
Reviewed By :John
Carlone
08/14/2023
Supervised By :Mahesh
Dadoda
08/15/2023



#54
1,2-Dibromoethane
Concen: 20.361 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

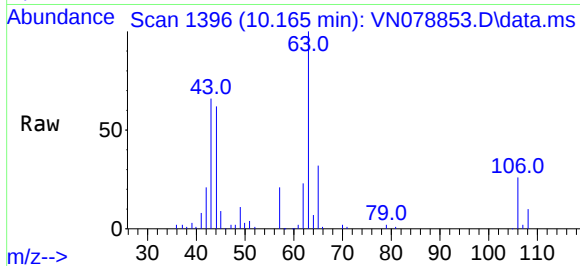
Tgt Ion:107 Resp: 38558
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 103.535 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

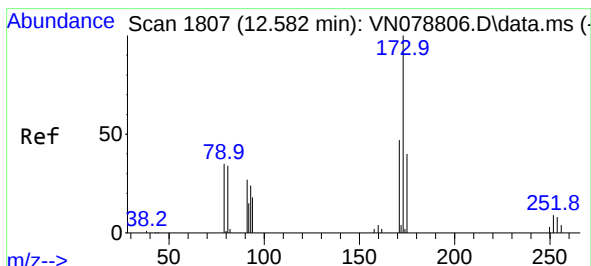
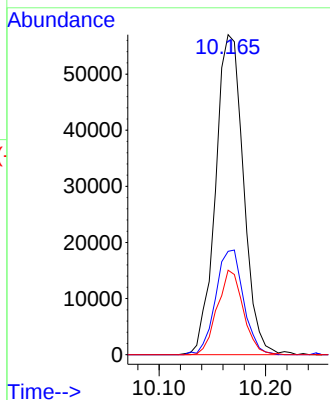
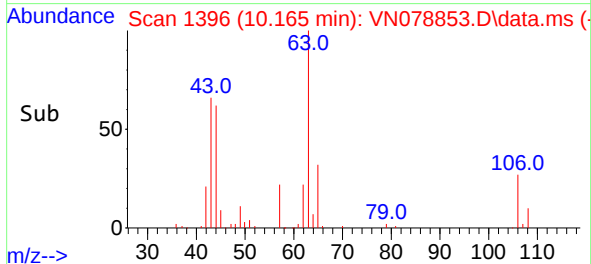


Tgt Ion: 63 Resp: 10374
Ion Ratio Lower Upper
63 100
65 32.6 26.3 39.5
106 24.5 23.8 35.6

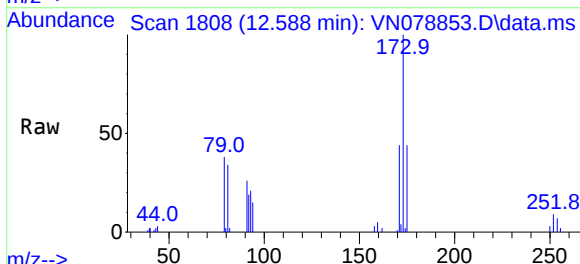
Manual Integrations
APPROVED

Reviewed By :John
Carlone
08/14/2023

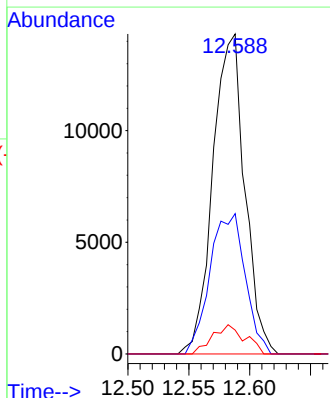
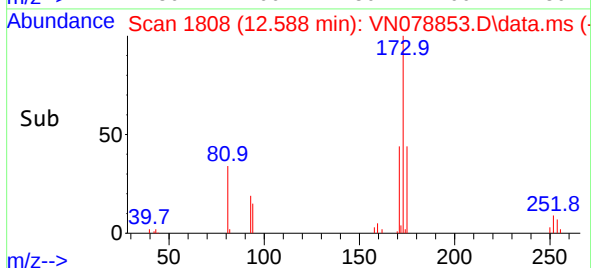
Supervised By :Mahesh
Dadoda
08/15/2023

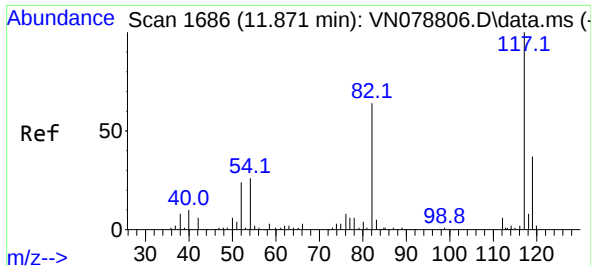


#56
Bromoform
Concen: 20.602 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23



Tgt Ion:173 Resp: 26092
Ion Ratio Lower Upper
173 100
175 48.5 40.7 61.1
254 7.6 6.5 9.7





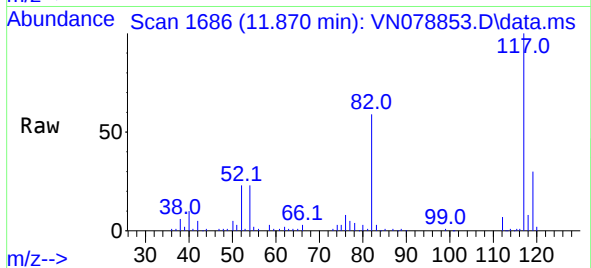
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 117 Resp: 144198
Ion Ratio Lower Upper
117 100
82 57.1 43.9 65.9
119 31.7 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John

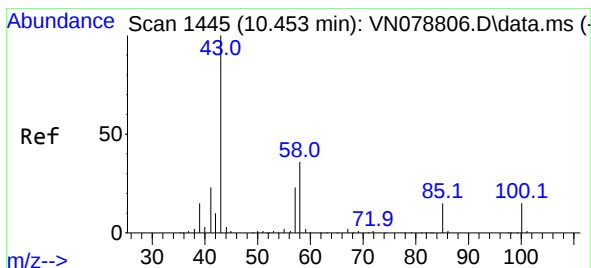
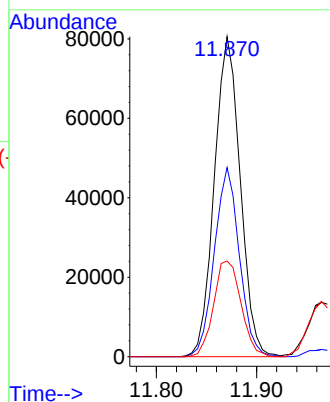
Carlone

08/14/2023

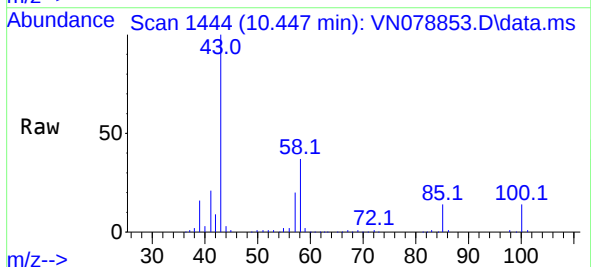
Supervised By :Mahesh

Dadoda

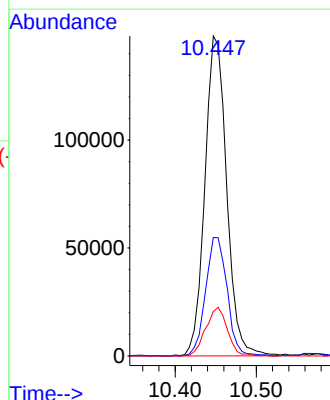
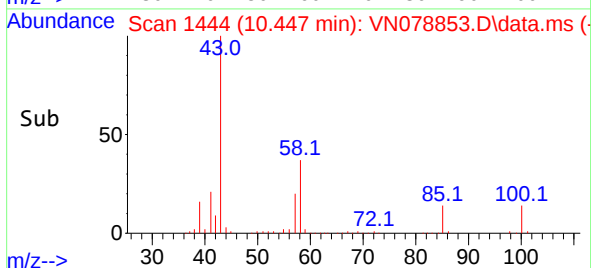
08/15/2023

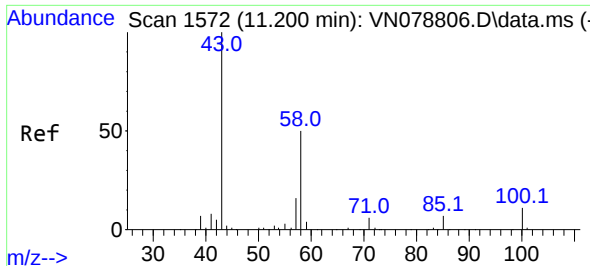


#58
4-Methyl-2-Pentanone
Concen: 99.752 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23



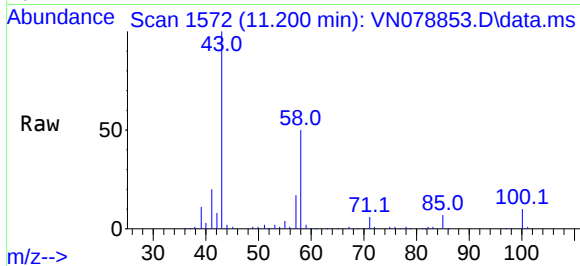
Tgt Ion: 43 Resp: 276478
Ion Ratio Lower Upper
43 100
58 36.5 32.6 48.8
85 15.1 16.2 24.2#





#59
2-Hexanone
Concen: 101.668 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

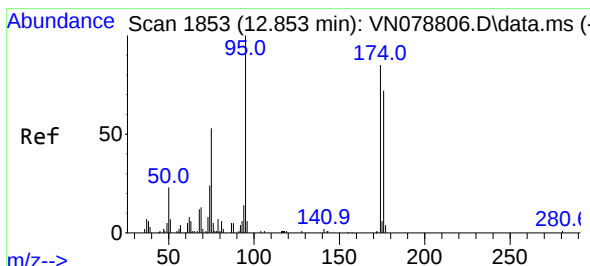
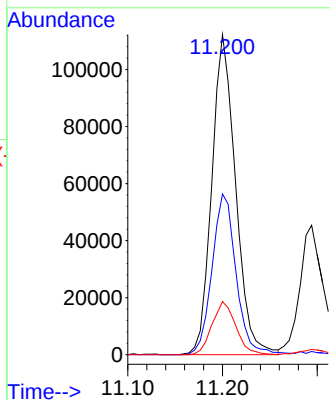
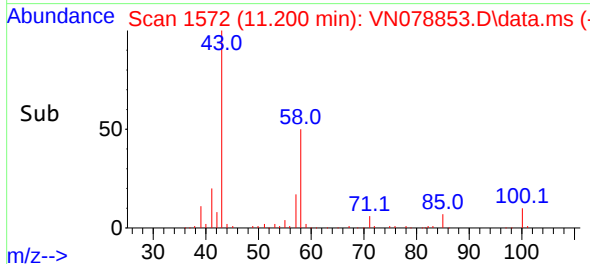


Tgt Ion: 43 Resp: 19581
Ion Ratio Lower Upper
43 100
58 50.9 45.9 68.9
57 16.6 15.8 23.6

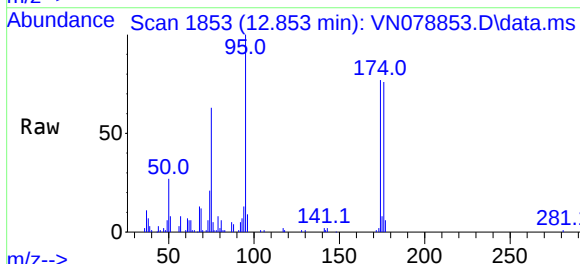
Manual Integrations
APPROVED

Reviewed By :John
Carlone
08/14/2023

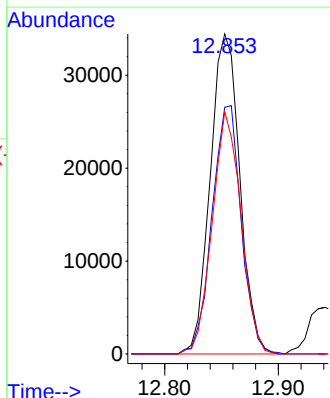
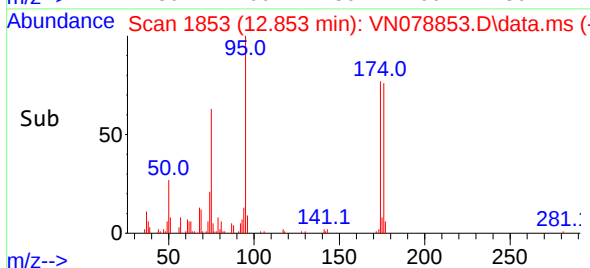
Supervised By :Mahesh
Dadoda
08/15/2023

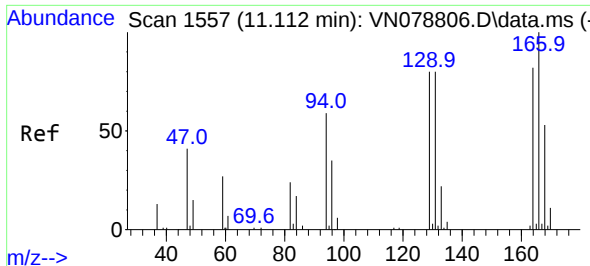


#60
4-Bromofluorobenzene
Concen: 30.748 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23



Tgt Ion: 95 Resp: 62237
Ion Ratio Lower Upper
95 100
174 76.5 61.7 92.5
176 73.6 58.1 87.1





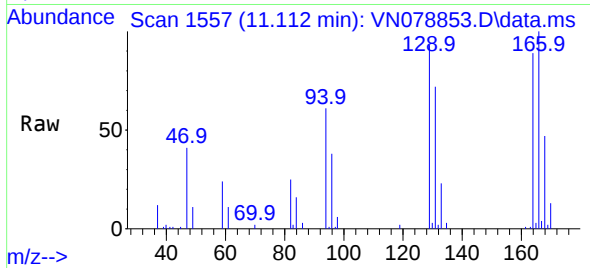
#61
Tetrachloroethene
Concen: 19.241 ug/l
RT: 11.112 min Scan# 11557
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:164 Resp: 3174
Ion Ratio Lower Upper
164 100
166 112.3 99.1 148.7
129 104.3 85.6 128.4
131 80.7 77.6 116.4

Manual Integrations
APPROVED

Reviewed By :John

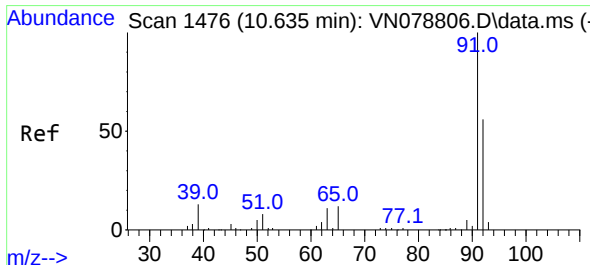
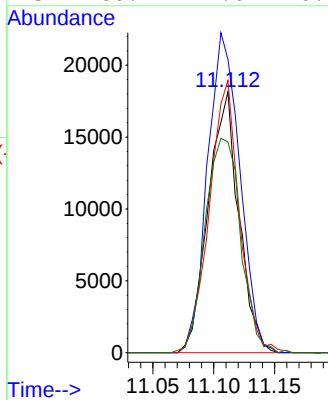
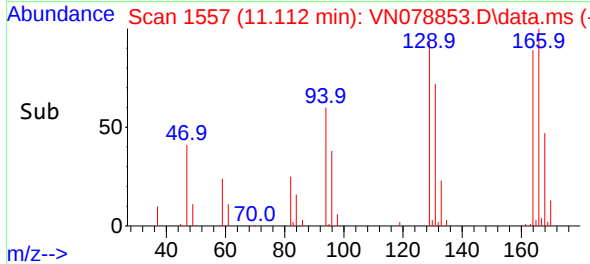
Carlone

08/14/2023

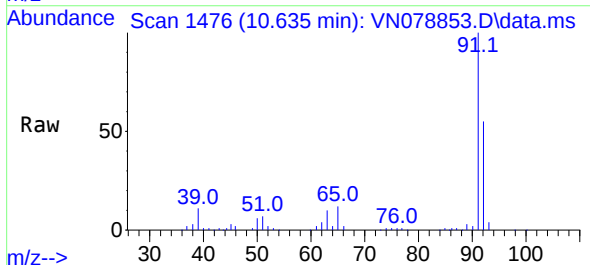
Supervised By :Mahesh

Dadoda

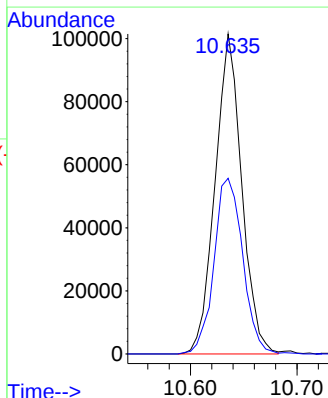
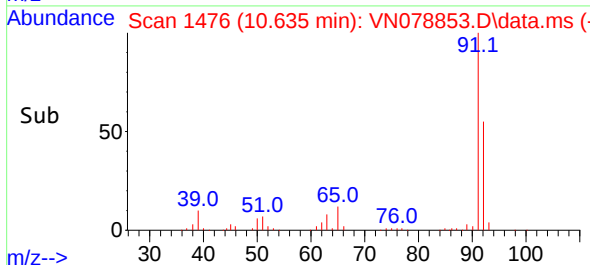
08/15/2023

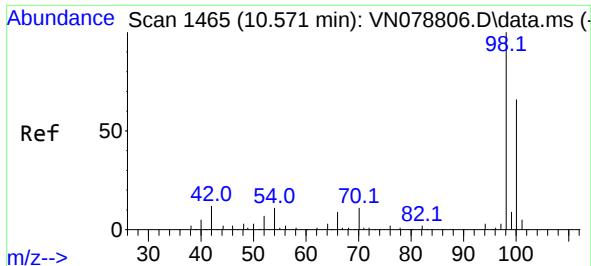


#62
Toluene
Concen: 20.759 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23



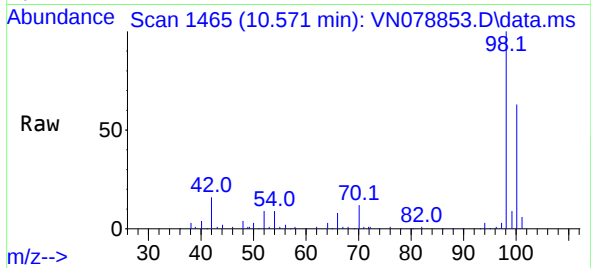
Tgt Ion: 91 Resp: 176231
Ion Ratio Lower Upper
91 100
92 59.1 45.2 67.8





#63
Toluene-d8
Concen: 30.849 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

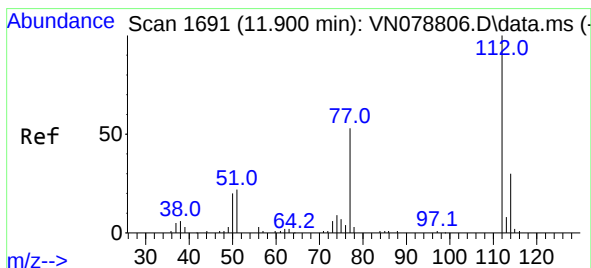
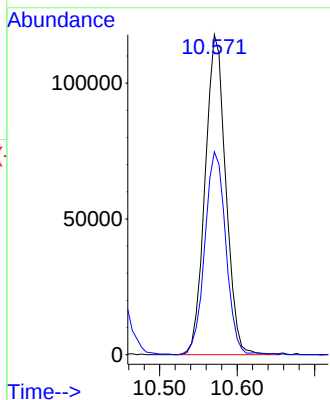


Tgt Ion: 98 Resp: 21798
Ion Ratio Lower Upper
98 100
100 64.2 49.7 74.5

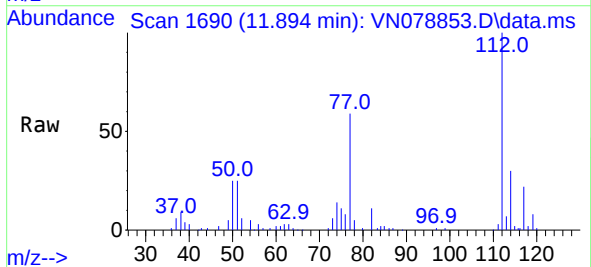
Manual Integrations
APPROVED

Reviewed By :John
Carlone
08/14/2023

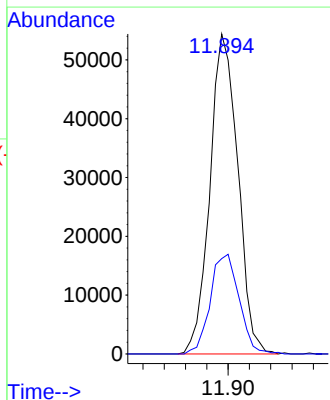
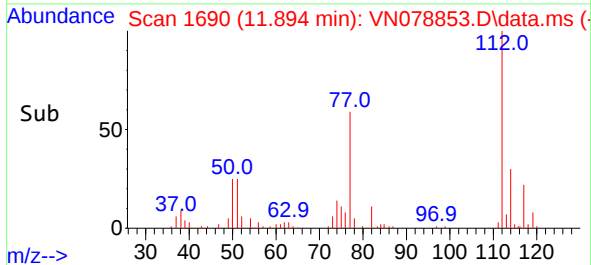
Supervised By :Mahesh
Dadoda
08/15/2023

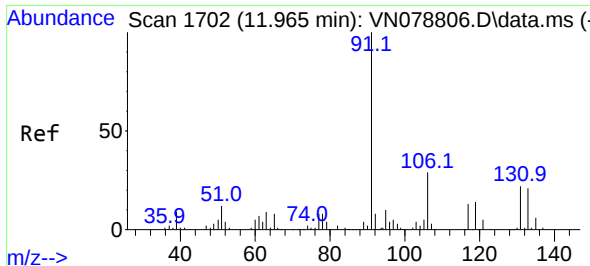


#64
Chlorobenzene
Concen: 19.923 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23



Tgt Ion:112 Resp: 99017
Ion Ratio Lower Upper
112 100
114 29.8 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 20.600 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:131 Resp: 3944
Ion Ratio Lower Upper
131 100
133 93.0 0.0 191.8
119 64.9 0.0 132.0

Manual Integrations
APPROVED

Reviewed By :John

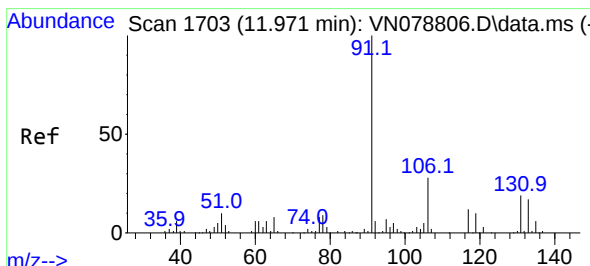
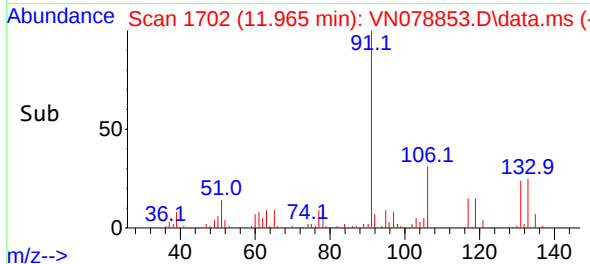
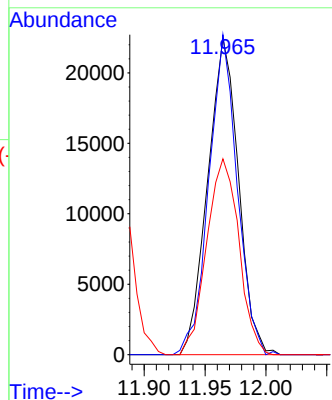
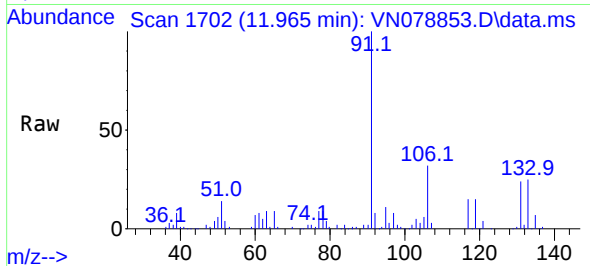
Carlone

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Supervised By :Mahesh

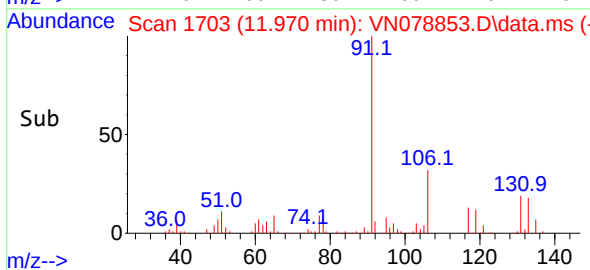
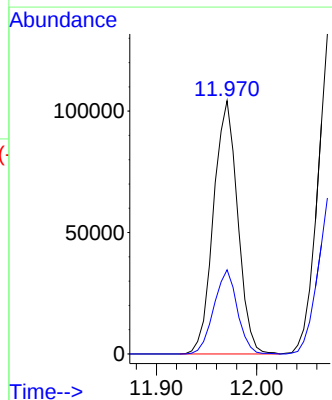
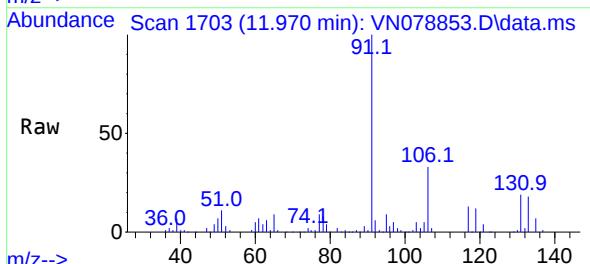
Dadoda

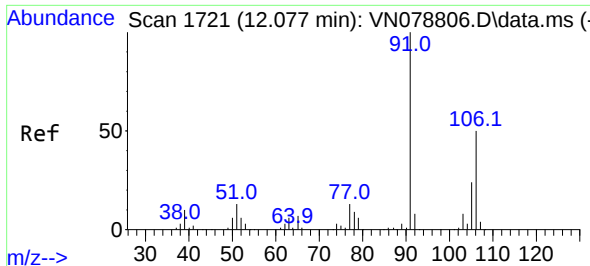
08/15/2023



#66
Ethyl Benzene
Concen: 19.807 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

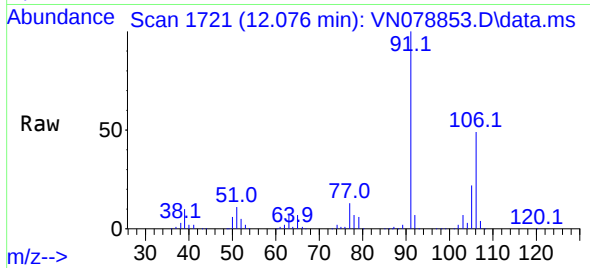
Tgt Ion: 91 Resp: 174639
Ion Ratio Lower Upper
91 100
106 33.2 25.6 38.4





#67
m/p-Xylenes
Concen: 42.126 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

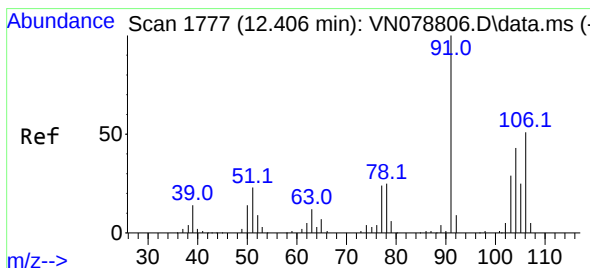
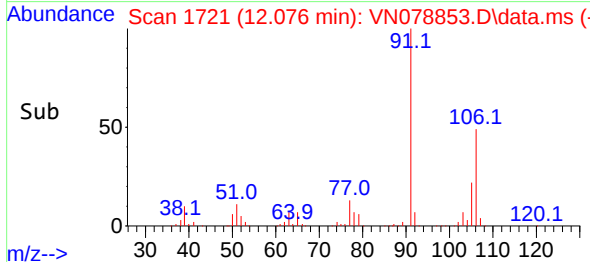
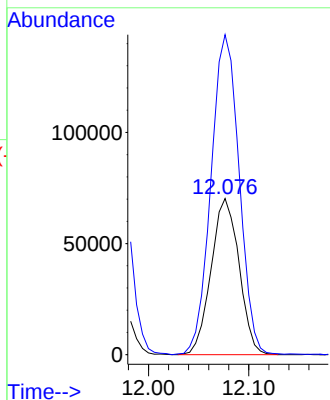
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:106 Resp: 136188
Ion Ratio Lower Upper
106 100
91 206.5 162.5 243.7

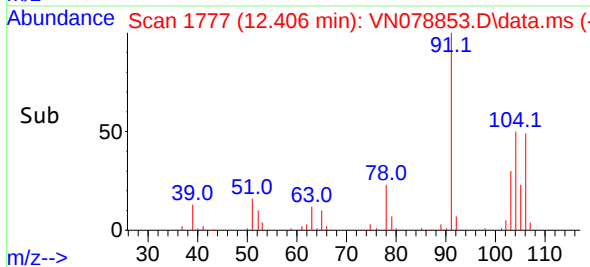
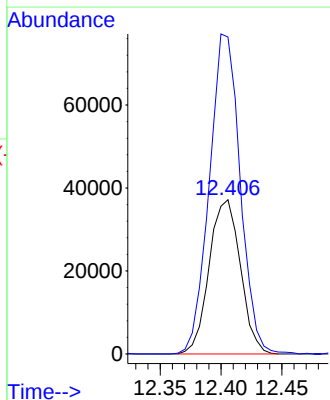
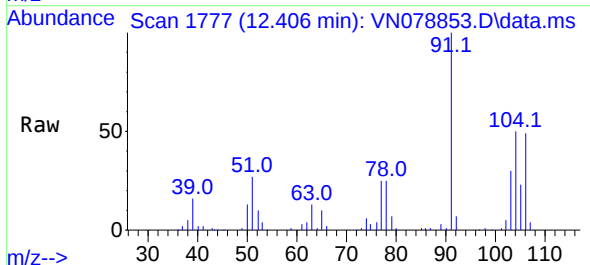
Manual Integrations
APPROVED

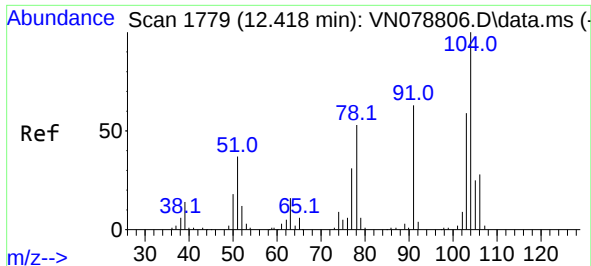
Reviewed By :John
Carlone
08/14/2023
Supervised By :Mahesh
Dadoda
08/15/2023



#68
o-Xylene
Concen: 20.619 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

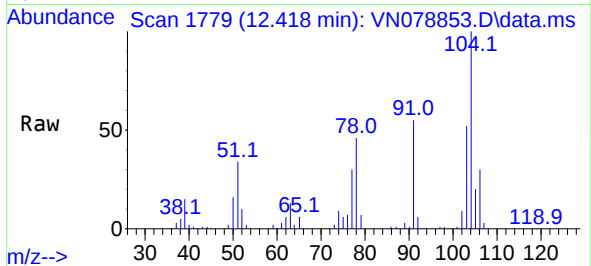
Tgt Ion:106 Resp: 66349
Ion Ratio Lower Upper
106 100
91 205.2 106.1 318.3





#69
Styrene
Concen: 21.350 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

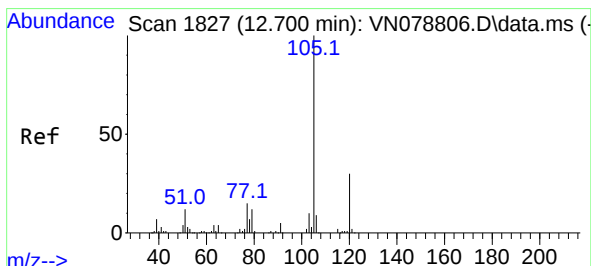
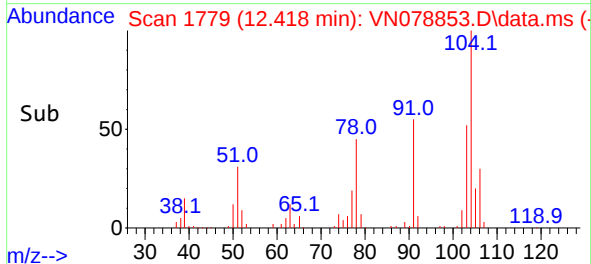
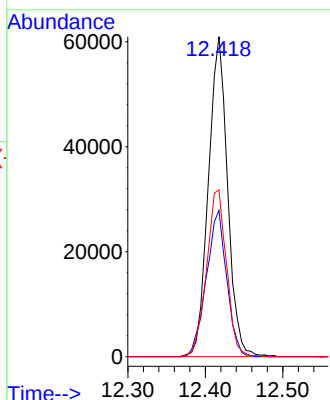


Tgt Ion:104 Resp: 10497
Ion Ratio Lower Upper
104 100
78 48.3 40.1 60.1
103 54.1 45.1 67.7

Manual Integrations
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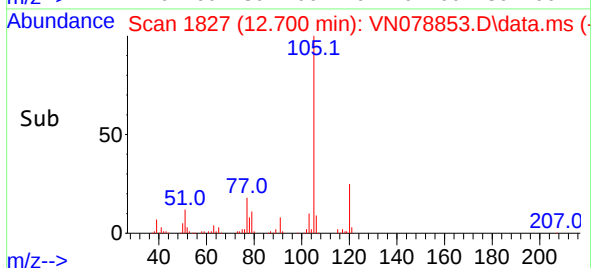
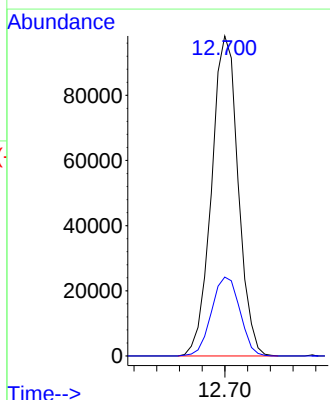
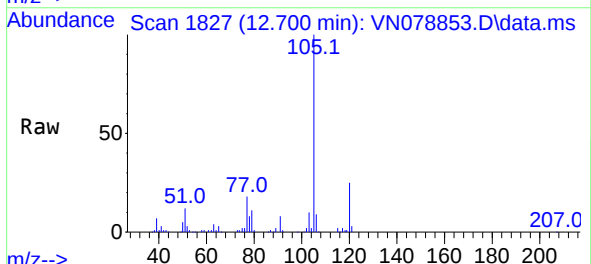
Reviewed By :John
Carlone
08/14/2023

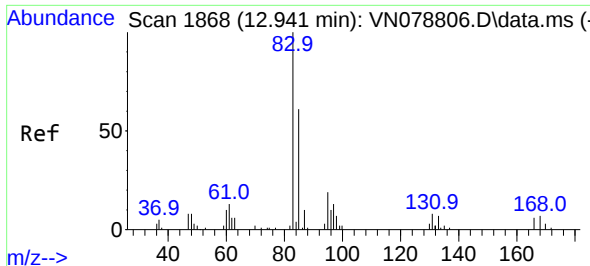
Supervised By :Mahesh
Dadoda
08/15/2023



#70
Isopropylbenzene
Concen: 20.130 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

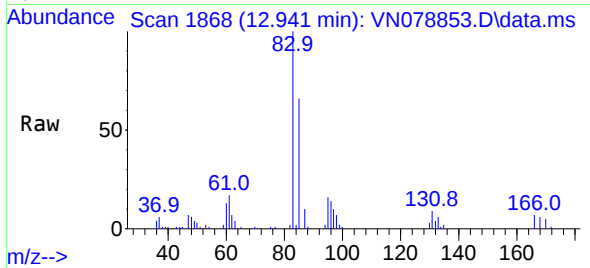
Tgt Ion:105 Resp: 160001
Ion Ratio Lower Upper
105 100
120 26.2 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.647 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

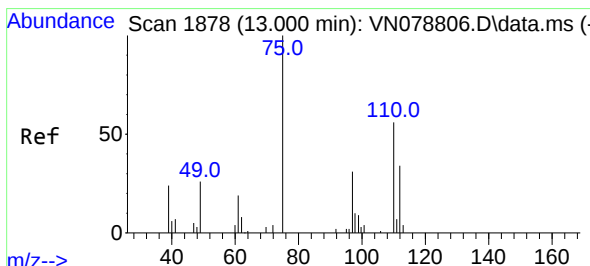
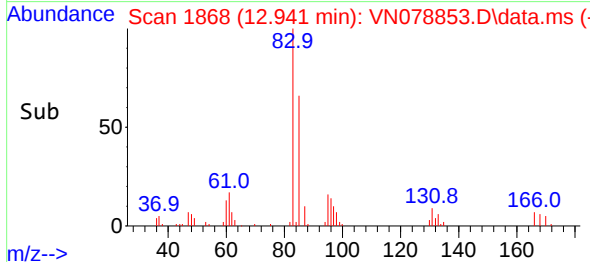
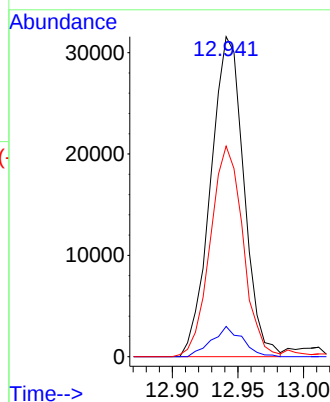


Tgt Ion: 83 Resp: 5561
Ion Ratio Lower Upper
83 100
131 8.8 4.8 14.4
85 64.7 32.6 98.0

Manual Integrations
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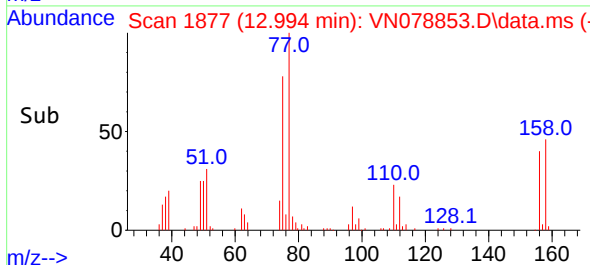
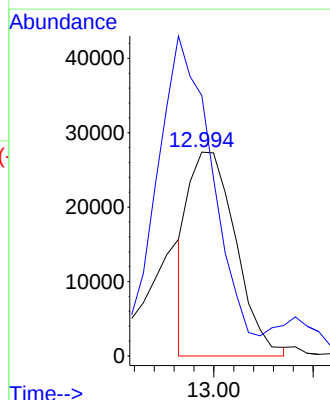
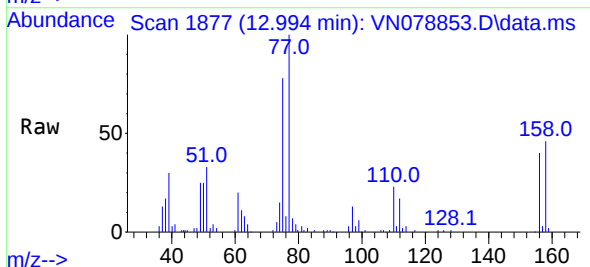
Reviewed By :John
Carlone
08/14/2023

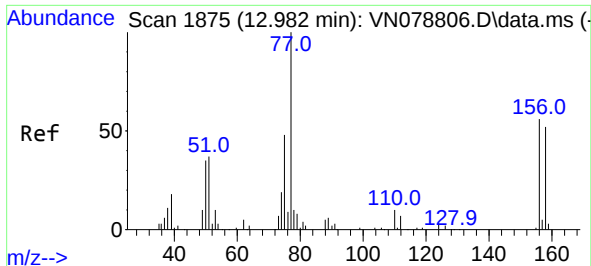
Supervised By :Mahesh
Dadoda
08/15/2023



#72
1,2,3-Trichloropropane
Concen: 19.265 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

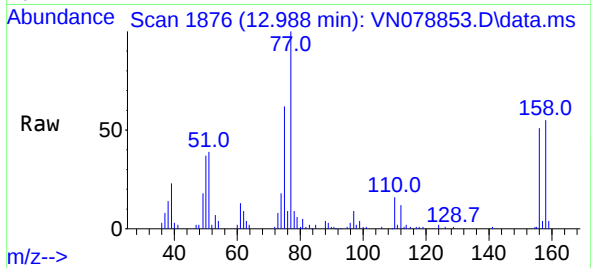
Tgt Ion: 75 Resp: 45294
Ion Ratio Lower Upper
75 100
77 188.9 0.0 387.4





#73
Bromobenzene
Concen: 18.697 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

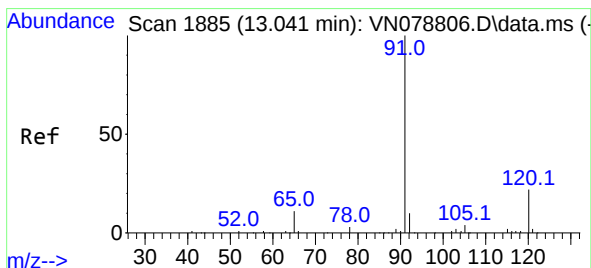
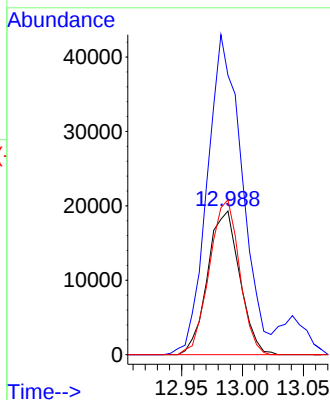
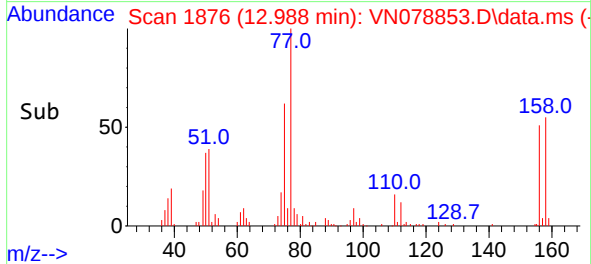


Tgt Ion:156 Resp: 35519
Ion Ratio Lower Upper
156 100
77 240.9 0.0 420.8
158 101.2 0.0 193.2

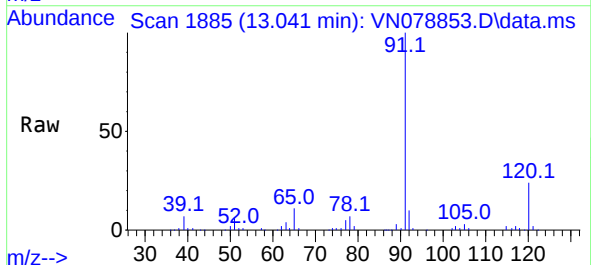
Manual Integrations
APPROVED

Reviewed By :John
Carlone
08/14/2023

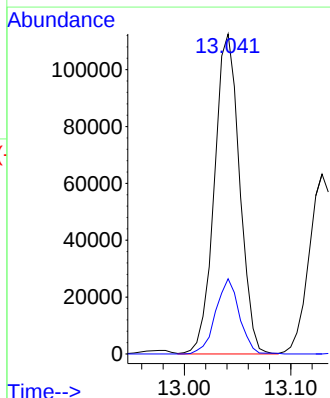
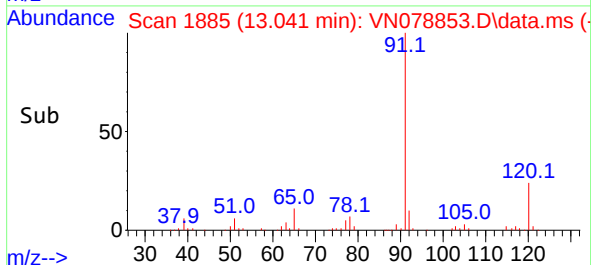
Supervised By :Mahesh
Dadoda
08/15/2023

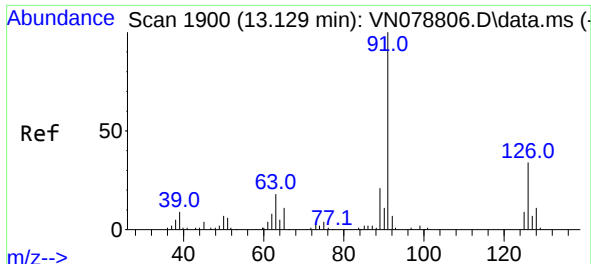


#74
n-propylbenzene
Concen: 20.999 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23



Tgt Ion: 91 Resp: 184695
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.6





#75
2-Chlorotoluene
Concen: 20.577 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

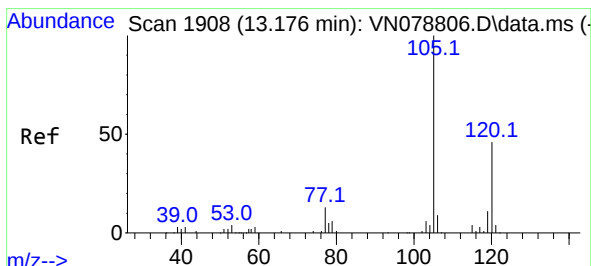
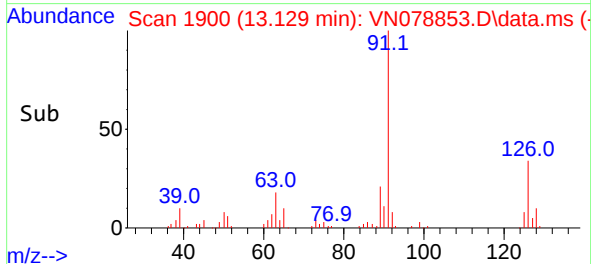
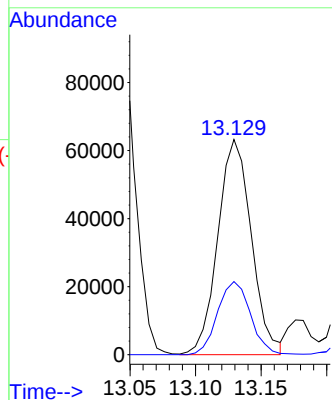
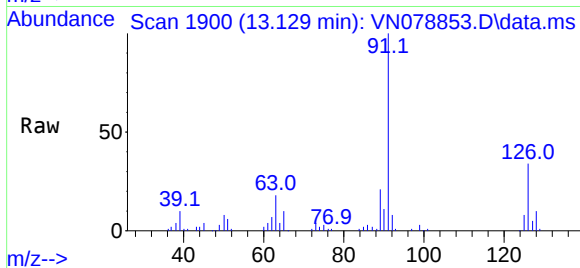
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 11274
Ion Ratio Lower Upper
91 100
126 33.3 0.0 67.2

Manual Integrations
APPROVED

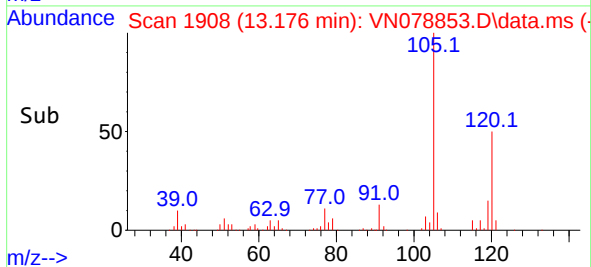
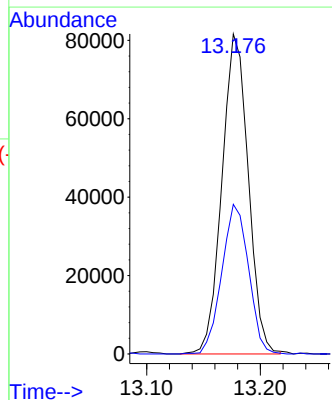
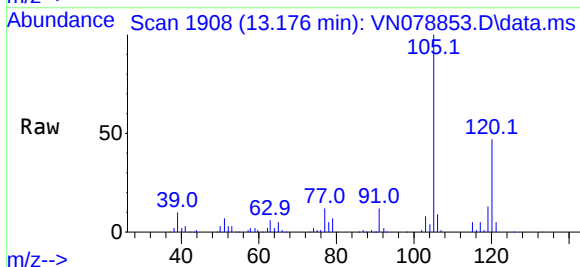
Reviewed By :John
Carlone
08/14/2023

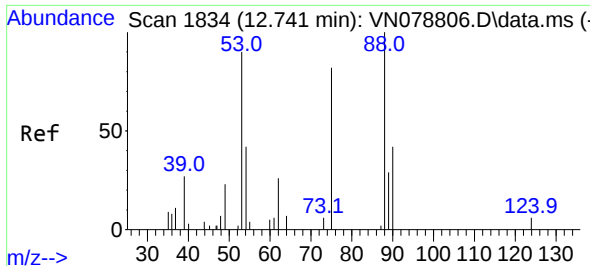
Supervised By :Mahesh
Dadoda
08/15/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.811 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

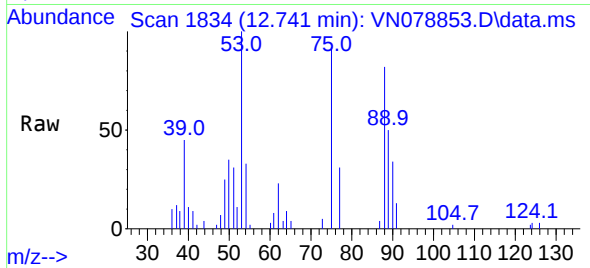
Tgt Ion:105 Resp: 131377
Ion Ratio Lower Upper
105 100
120 47.5 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 20.391 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

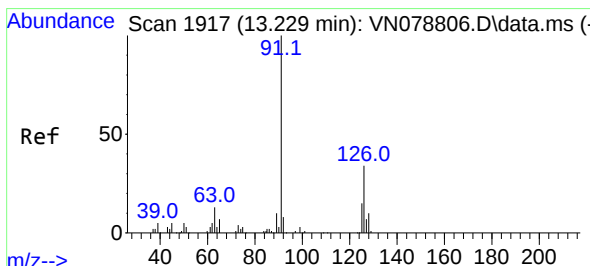
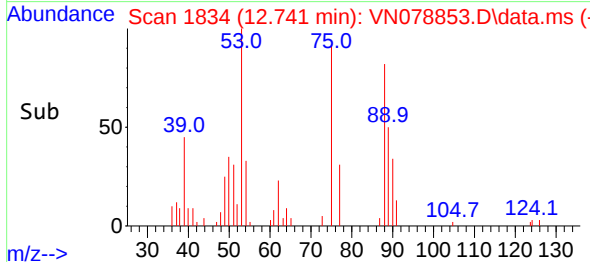
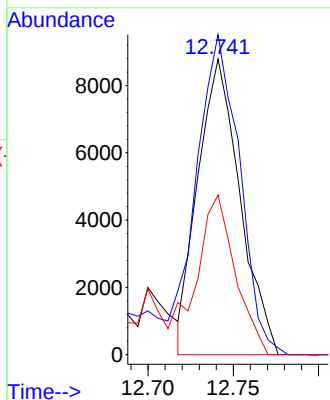


Tgt Ion: 75 Resp: 1504
Ion Ratio Lower Upper
75 100
53 105.9 41.6 124.9
89 54.0 25.1 75.4

Manual Integrations
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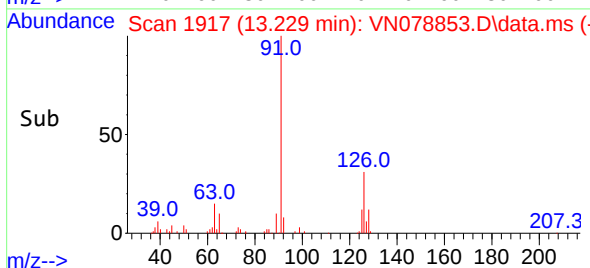
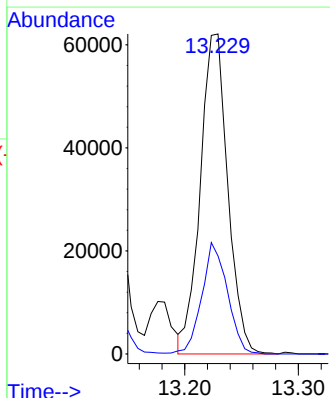
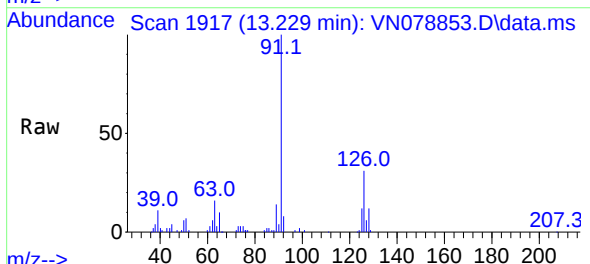
Reviewed By :John
Carlone
08/14/2023

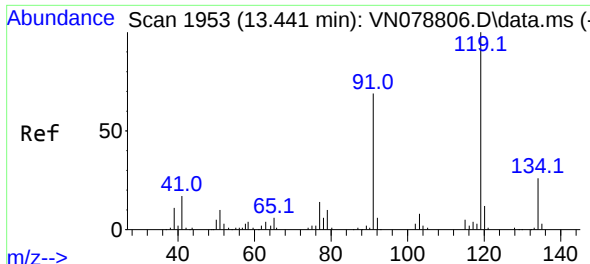
Supervised By :Mahesh
Dadoda
08/15/2023



#78
4-Chlorotoluene
Concen: 20.538 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion: 91 Resp: 104395
Ion Ratio Lower Upper
91 100
126 32.4 0.0 68.8





#79
tert-butylbenzene
Concen: 20.233 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:119 Resp: 10480
Ion Ratio Lower Upper
119 100
91 68.4 0.0 126.6
134 24.1 0.0 44.0

Manual Integrations
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Reviewed By :John

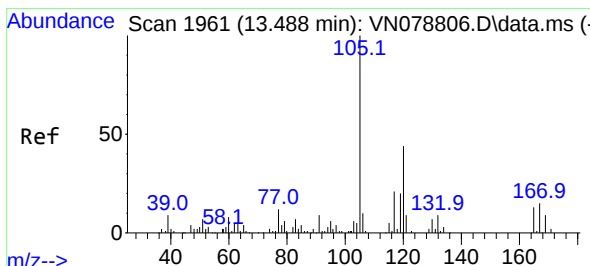
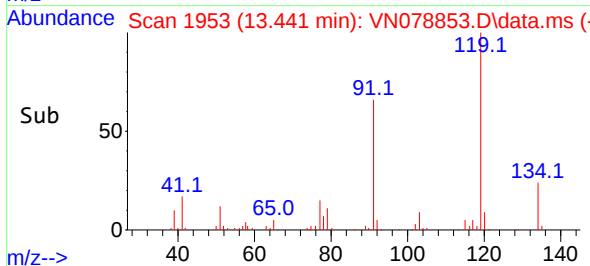
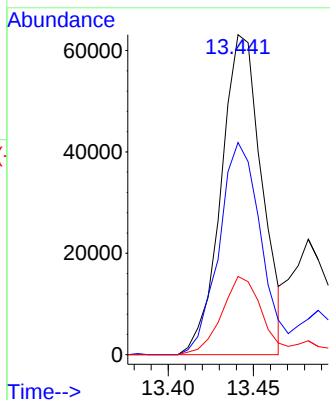
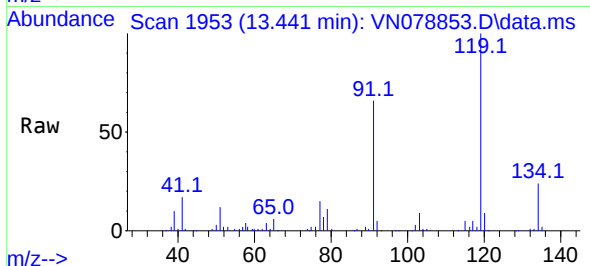
Carlone

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Supervised By :Mahesh

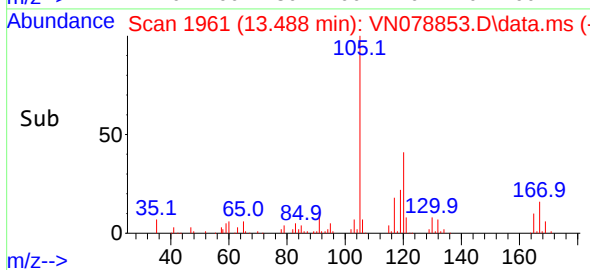
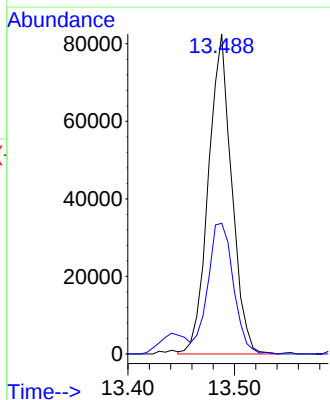
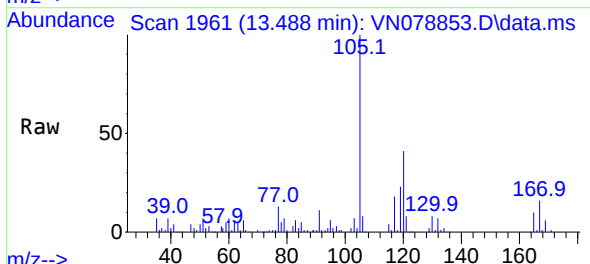
Dadoda

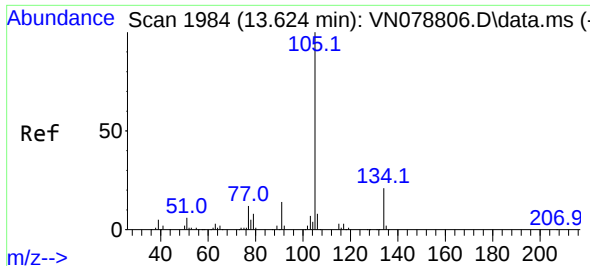
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#80
1,2,4-Trimethylbenzene
Concen: 21.054 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

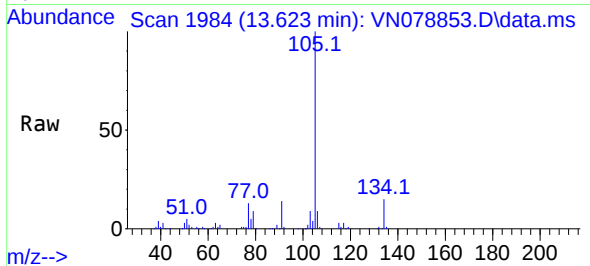
Tgt Ion:105 Resp: 125420
Ion Ratio Lower Upper
105 100
120 44.7 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 20.666 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078853.D
 Acq: 11 Aug 2023 09:23

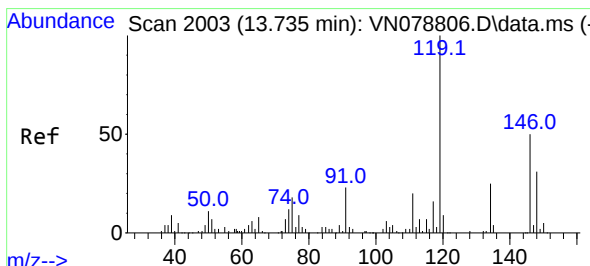
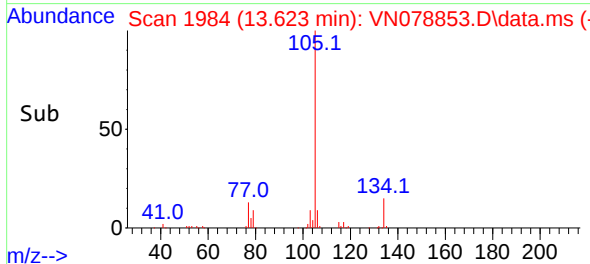
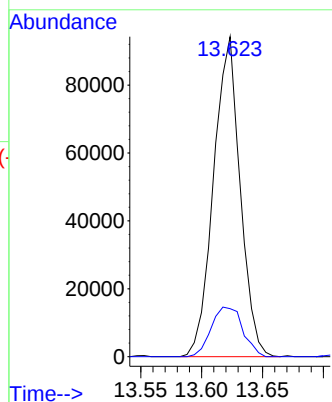
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion:105 Resp: 14330
 Ion Ratio Lower Upper
 105 100
 134 18.3 0.0 38.6

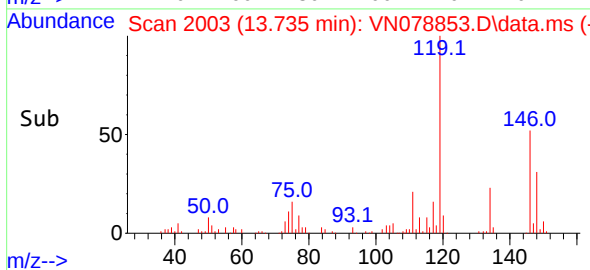
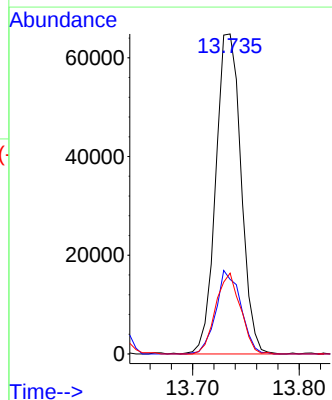
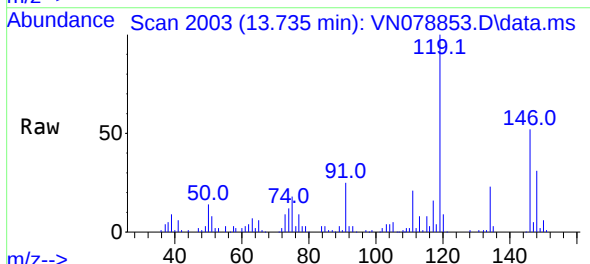
Manual Integrations
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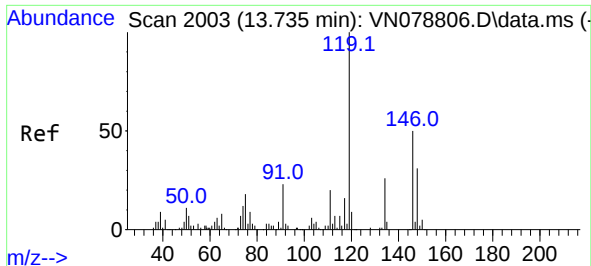
Reviewed By :John
 Carlone
 08/14/2023
 Supervised By :Mahesh
 Dadoda
 08/15/2023



#82
 p-Isopropyltoluene
 Concen: 19.656 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078853.D
 Acq: 11 Aug 2023 09:23

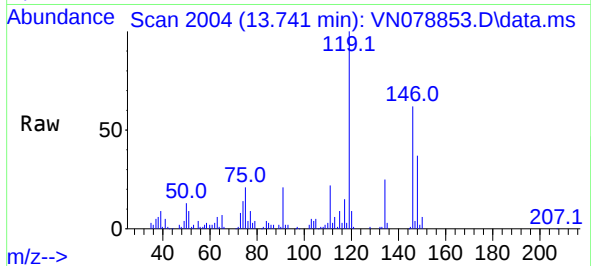
Tgt Ion:119 Resp: 106762
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.4
 91 24.9 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 20.189 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

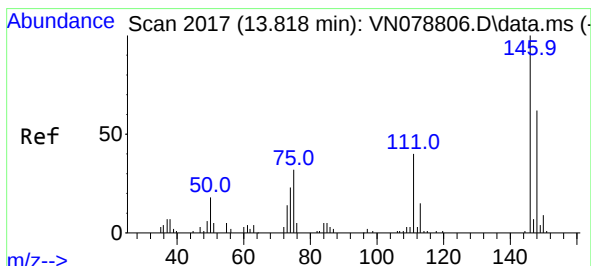
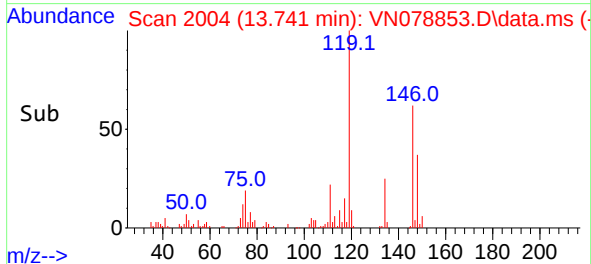
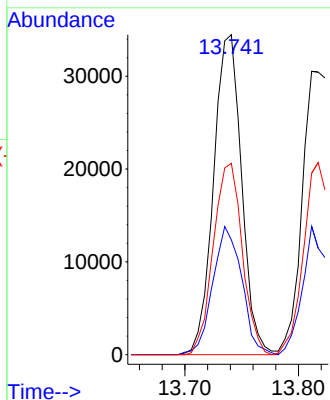


Tgt Ion:146 Resp: 59272
Ion Ratio Lower Upper
146 100
111 41.3 21.6 64.6
148 61.8 31.9 95.5

Manual Integrations
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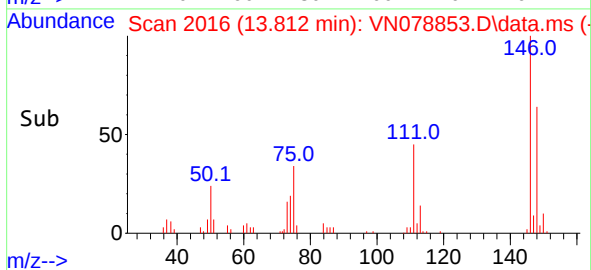
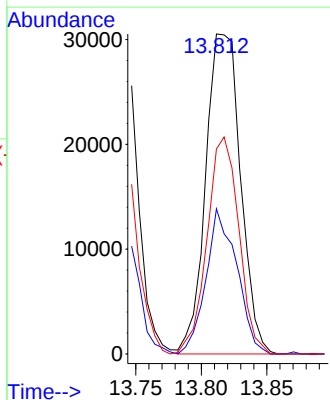
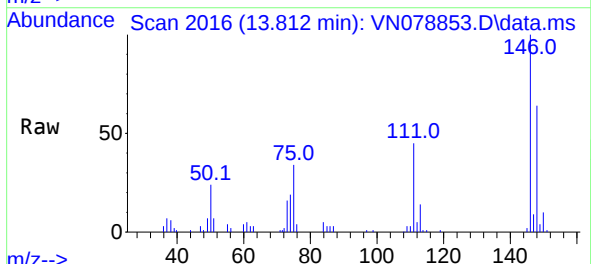
Reviewed By :John
Carlone
08/14/2023

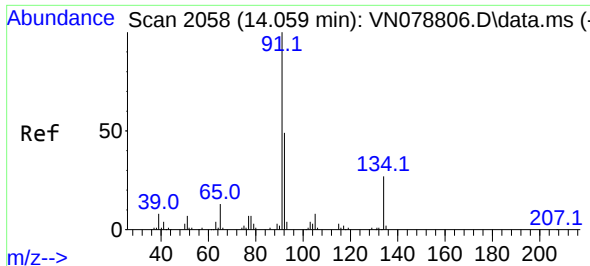
Supervised By :Mahesh
Dadoda
08/15/2023



#84
1,4-Dichlorobenzene
Concen: 20.154 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion:146 Resp: 56503
Ion Ratio Lower Upper
146 100
111 40.1 19.4 58.2
148 61.8 31.4 94.3





#85
n-Butylbenzene
Concen: 19.009 ug/l
RT: 14.064 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 91 Resp: 75980
Ion Ratio Lower Upper
91 100
92 49.7 0.0 99.6
134 23.5 0.0 50.0

Manual Integrations
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Reviewed By :John

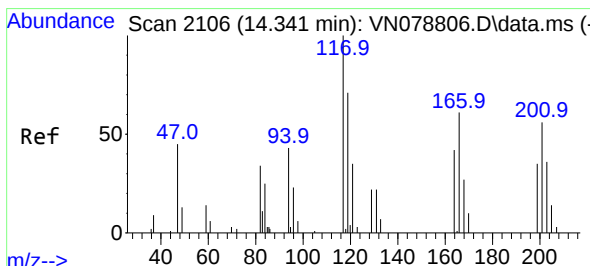
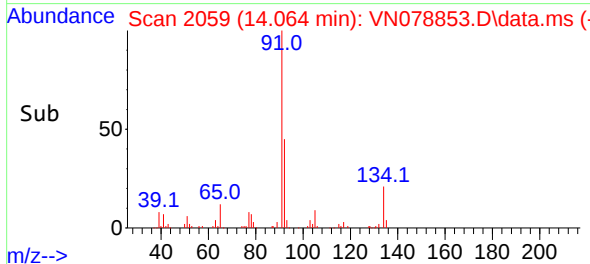
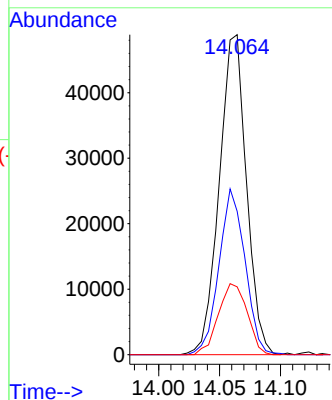
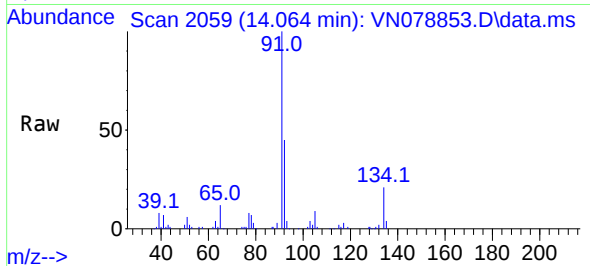
Carlone

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Supervised By :Mahesh

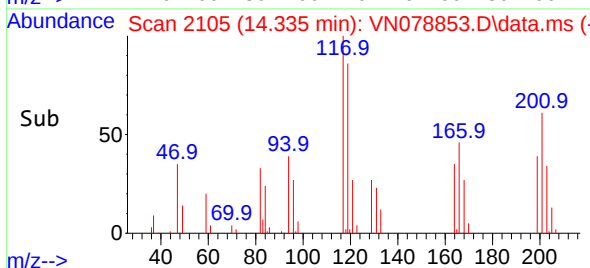
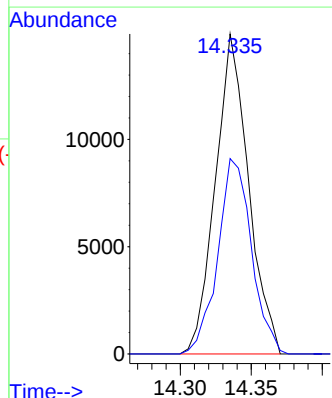
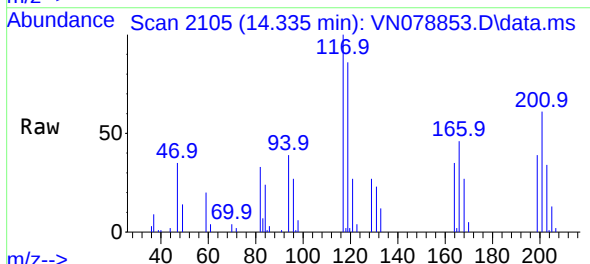
Dadoda

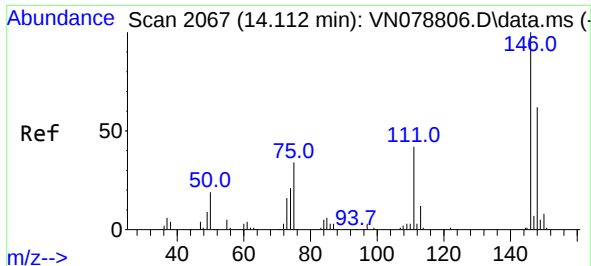
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#86
Hexachloroethane
Concen: 21.148 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion:117 Resp: 24195
Ion Ratio Lower Upper
117 100
201 62.3 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 19.974 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078853.D

Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 5769

Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.4	67.3
148	64.1	33.4	100.1

Manual Integrations

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Reviewed By :John

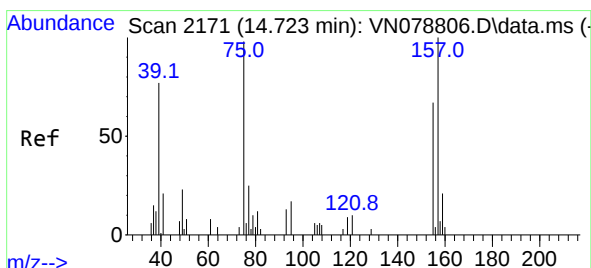
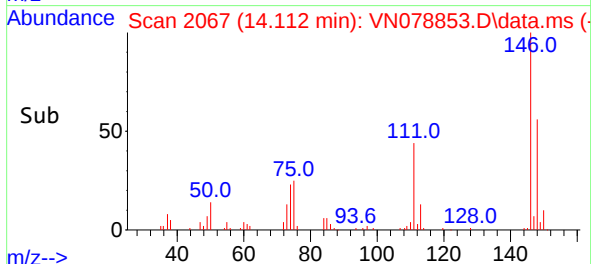
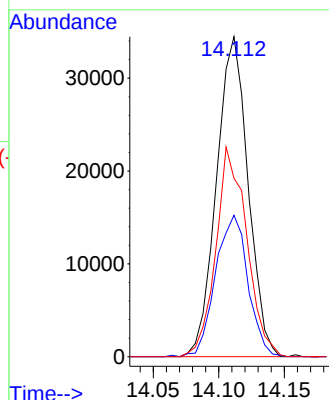
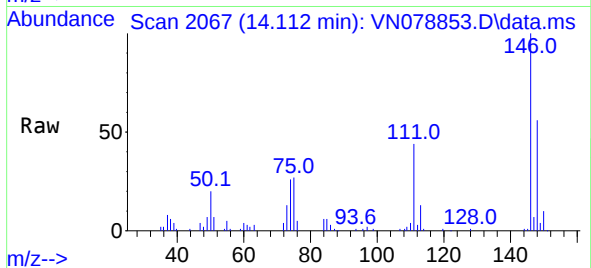
Carlone

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Supervised By :Mahesh

Dadoda

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.403 ug/l

RT: 14.729 min Scan# 2172

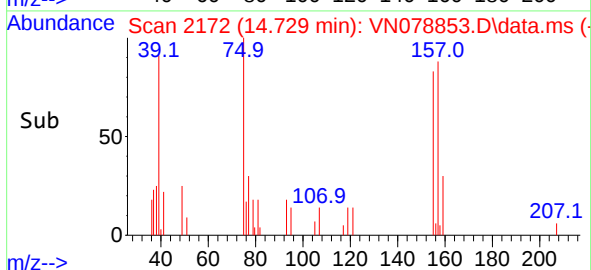
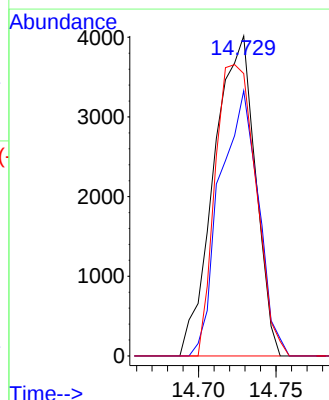
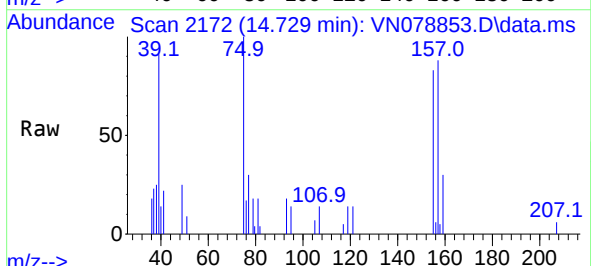
Delta R.T. 0.006 min

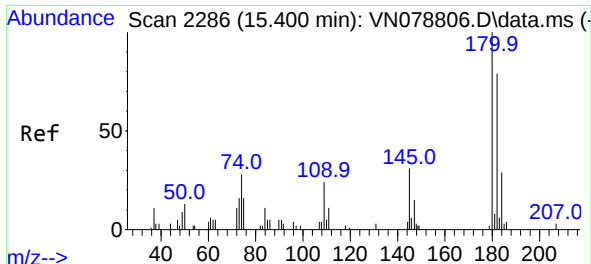
Lab File: VN078853.D

Acq: 11 Aug 2023 09:23

Tgt Ion: 75 Resp: 7423

Ion	Ratio	Lower	Upper
75	100		
155	77.2	68.2	102.2
157	89.5	84.7	127.1





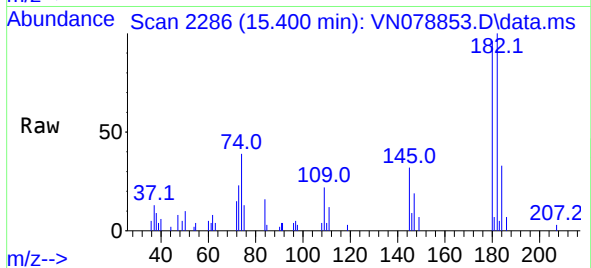
#89
1,2,4-Trichlorobenzene
Concen: 14.320 ug/l m
RT: 15.400 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:180 Resp: 11448
Ion Ratio Lower Upper
180 100
182 120.1 73.7 110.5
145 44.1 25.0 37.6

Manual Integrations
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Reviewed By :John

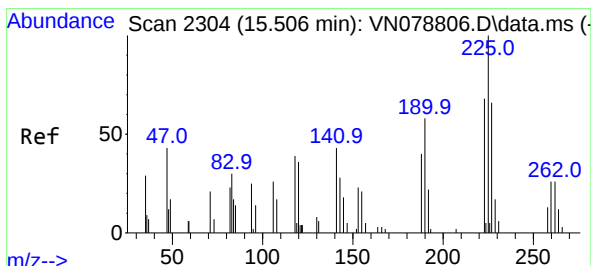
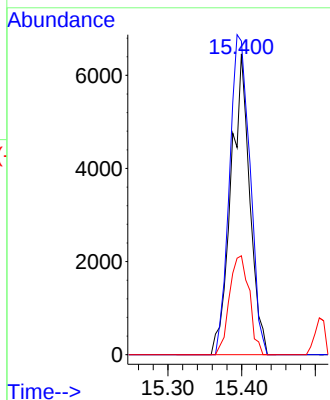
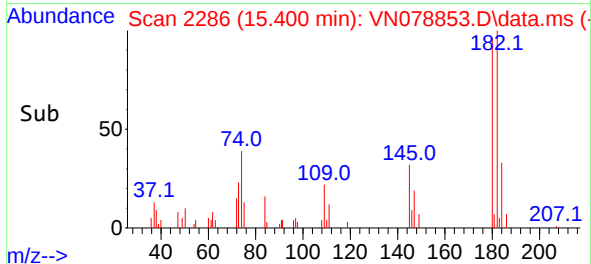
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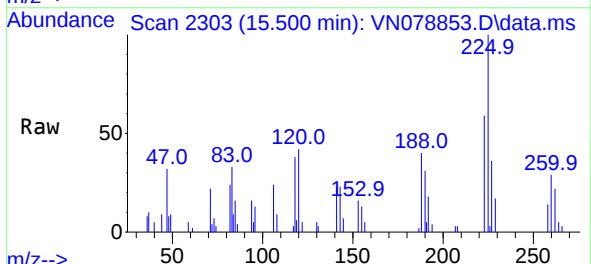
Supervised By :Mahesh

Dadoda

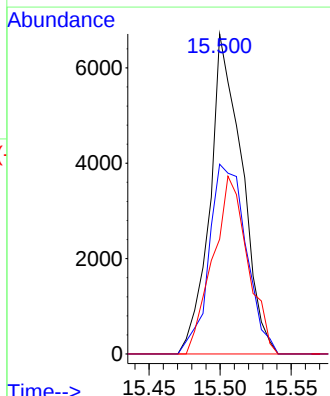
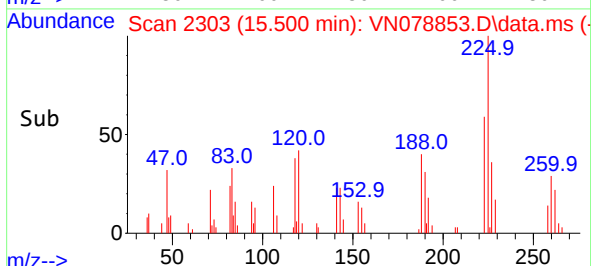
08/15/2023

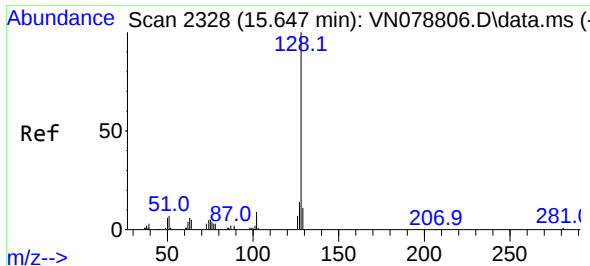


#90
Hexachlorobutadiene
Concen: 17.877 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23



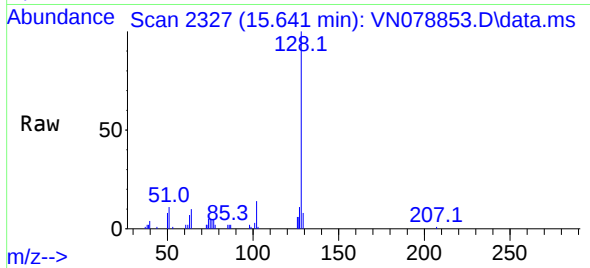
Tgt Ion:225 Resp: 10522
Ion Ratio Lower Upper
225 100
223 68.7 0.0 130.0
227 60.4 0.0 124.0





#91
Naphthalene
Concen: 12.253 ug/l
RT: 15.641 min Scan# 2328
Delta R.T. -0.006 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

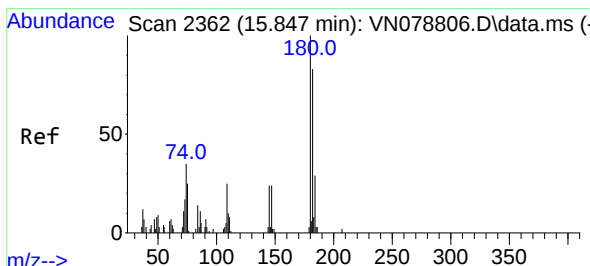
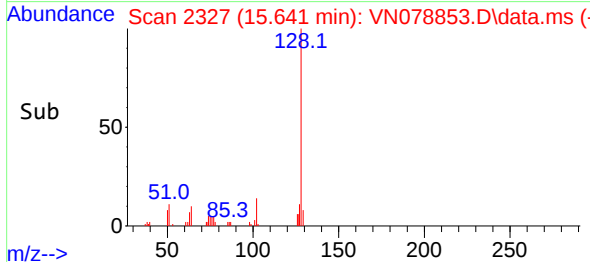
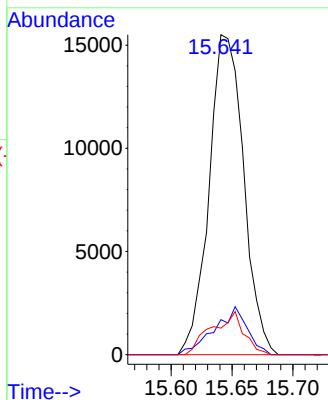


Tgt Ion:128 Resp: 3063
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2
129 5.9 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone
08/14/2023

Supervised By :Mahesh
Dadoda
08/15/2023



#92
1,2,3-Trichlorobenzene
Concen: 16.441 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078853.D
Acq: 11 Aug 2023 09:23

Tgt Ion:180 Resp: 15416
Ion Ratio Lower Upper
180 100
182 89.9 0.0 196.4
145 32.7 0.0 71.0

