

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076893.D
 Acq On : 09 Mar 2023 10:59
 Operator : JC\MD
 Sample : VN0309WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Mar 10 01:29:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 2023
 Response via : Initial Calibration

03/10/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	7.825	128	51174	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	350182	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	395722	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	144190	30.655	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.167%	
60) 4-Bromofluorobenzene	12.854	95	228550	30.516	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.733%	
63) Toluene-d8	10.572	98	403108	28.962	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 96.533%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.143	85	121208	18.509	ug/l	96
3) Chloromethane	2.378	50	99250	16.582	ug/l	93
4) Vinyl Chloride	2.531	62	90012	16.491	ug/l	97
5) Bromomethane	2.978	94	61600	17.648	ug/l	93
6) Chloroethane	3.143	64	52100	16.244	ug/l	90
7) Trichlorofluoromethane	3.519	101	184205	18.066	ug/l	94
8) Diethyl Ether	3.972	74	78716	20.585	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.396	101	108419	18.769	ug/l	47
10) 1,1-Dichloroethene	4.354	96	101785	18.154	ug/l	96
11) Methyl Iodide	4.607	142	126945	18.791	ug/l	92
12) Methyl Acetate	5.037	43	179016	19.413	ug/l	100
13) Acrolein	4.190	56	129293	94.839	ug/l	99
14) Acrylonitrile	5.737	53	295819	97.380	ug/l	99
15) Acetone	4.437	58	88679	107.264	ug/l	87
16) Carbon Disulfide	4.731	76	284932	18.328	ug/l	98
17) Allyl chloride	5.043	41	156153	18.569	ug/l	97
18) Methylene Chloride	5.290	84	122727	18.714	ug/l #	85
19) trans-1,2-Dichloroethene	5.801	96	114285	19.345	ug/l	98
20) Diisopropyl ether	6.684	45	368755	19.438	ug/l #	93
21) 1,1-Dichloroethane	6.584	63	209668	18.572	ug/l	98
22) cis-1,2-Dichloroethene	7.495	96	130741	19.311	ug/l	98
23) tert-Butyl Alcohol	5.531	59	96478	109.354	ug/l #	100
24) Methyl tert-Butyl Ether	5.813	73	377889	20.673	ug/l	92
25) Chloroform	7.978	83	218871	18.872	ug/l	99
26) Cyclohexane	8.266	56	179009	17.367	ug/l #	90
29) 1,1-Dichloropropene	8.378	75	161373	19.565	ug/l	98
30) 2-Butanone	7.489	43	386080	102.596	ug/l	94
31) 2,2-Dichloropropane	7.501	77	164830	20.170	ug/l #	64
32) 1,1,1-Trichloroethane	8.178	97	184931	19.222	ug/l	97
33) Carbon Tetrachloride	8.366	117	165498	19.455	ug/l	96
34) Benzene	8.613	78	493783	19.527	ug/l	99
35) Methacrylonitrile	7.784	41	86576	20.446	ug/l	93
36) 1,2-Dichloroethane	8.678	62	175618	20.720	ug/l	100
37) Trichloroethene	9.360	130	123447	19.807	ug/l	99
38) Methylcyclohexane	9.607	83	198297	19.315	ug/l	98
39) 1,2-Dichloropropane	9.625	63	130459	20.080	ug/l	95
40) Dibromomethane	9.713	93	86335	20.858	ug/l	95
41) Bromodichloromethane	9.889	83	172600	20.347	ug/l	98
42) Vinyl Acetate	6.613	43	1216578	103.713	ug/l	96

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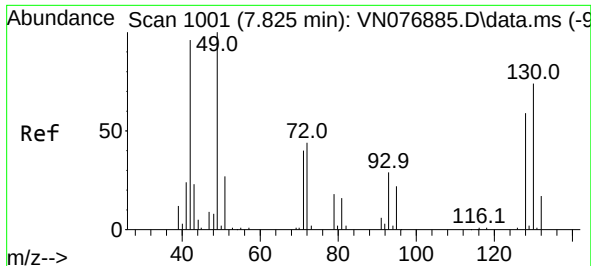
Reviewed By :John
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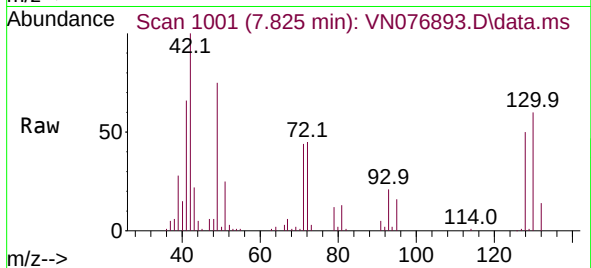
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	154675	20.370	ug/l	97
44) Isopropyl Acetate	8.695	43	254177	20.650	ug/l	91
45) 1,4-Dioxane	9.701	88	45298	437.451	ug/l	92
46) Methyl methacrylate	9.683	41	123271	20.565	ug/l	87
47) n-amyl Acetate	12.495	43	213008m	21.264	ug/l	
48) t-1,3-Dichloropropene	10.836	75	185030	21.778	ug/l	92
49) cis-1,3-Dichloropropene	10.313	75	203711	21.110	ug/l #	89
50) 1,1,2-Trichloroethane	11.019	97	124313	20.501	ug/l	97
51) Ethyl methacrylate	10.877	69	192593	21.544	ug/l	84
52) 1,3-Dichloropropane	11.166	76	216117	20.635	ug/l	100
53) Dibromochloromethane	11.360	129	129657	20.959	ug/l	97
54) 1,2-Dibromoethane	11.472	107	121524	20.768	ug/l	98
55) 2-Chloroethyl vinyl ether	10.166	63	332524	106.093	ug/l	99
56) Bromoform	12.577	173	86844	20.984	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	795557	99.518	ug/l #	88
59) 2-Hexanone	11.201	43	580435	102.210	ug/l #	89
61) Tetrachloroethene	11.107	164	118635	18.991	ug/l	94
62) Toluene	10.636	91	526858	19.322	ug/l	100
64) Chlorobenzene	11.895	112	313332	19.521	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.960	131	119042	19.746	ug/l	97
66) Ethyl Benzene	11.966	91	583092	19.696	ug/l	96
67) m/p-Xylenes	12.072	106	441324	39.355	ug/l	91
68) o-Xylene	12.401	106	220165	20.109	ug/l	97
69) Styrene	12.413	104	365399	20.578	ug/l	98
70) Isopropylbenzene	12.701	105	568647	19.962	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.936	83	167135	19.459	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	155246m	19.704	ug/l	
73) Bromobenzene	12.983	156	127914	19.898	ug/l	92
74) n-propylbenzene	13.036	91	675222	20.081	ug/l	100
75) 2-Chlorotoluene	13.130	91	416533	20.031	ug/l	95
76) 1,3,5-Trimethylbenzene	13.177	105	499766	20.269	ug/l	93
77) t-1,4-Dichloro-2-butene	12.742	75	50917	21.170	ug/l	94
78) 4-Chlorotoluene	13.224	91	410899	20.499	ug/l	94
79) tert-butylbenzene	13.442	119	406536	19.717	ug/l	96
80) 1,2,4-Trimethylbenzene	13.483	105	489490	20.201	ug/l	95
81) sec-Butylbenzene	13.618	105	604967	20.507	ug/l	99
82) p-Isopropyltoluene	13.730	119	492972	20.676	ug/l	97
83) 1,3-Dichlorobenzene	13.736	146	246955	20.763	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	245443	21.244	ug/l	97
85) n-Butylbenzene	14.060	91	439268	21.735	ug/l	98
86) Hexachloroethane	14.336	117	81265	19.089	ug/l	88
87) 1,2-Dichlorobenzene	14.107	146	239515	20.193	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.718	75	35114	20.990	ug/l	98
89) 1,2,4-Trichlorobenzene	15.395	180	145283	22.962	ug/l	97
90) Hexachlorobutadiene	15.501	225	71238	21.356	ug/l	97
91) Naphthalene	15.642	128	441526	22.001	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	141728	22.344	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



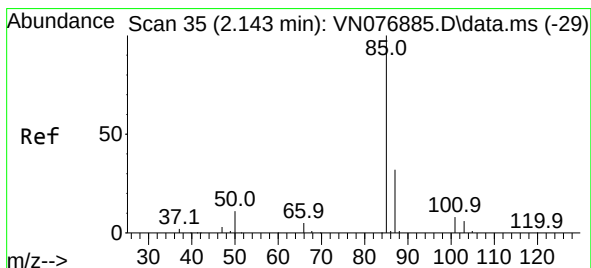
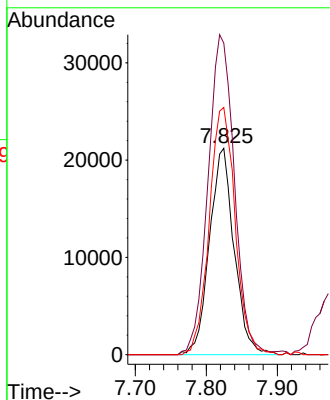
Tgt Ion:128 Resp: 51174
Ion Ratio Lower Upper
128 100
49 165.1 0.0 461.8
130 126.0 0.0 295.3

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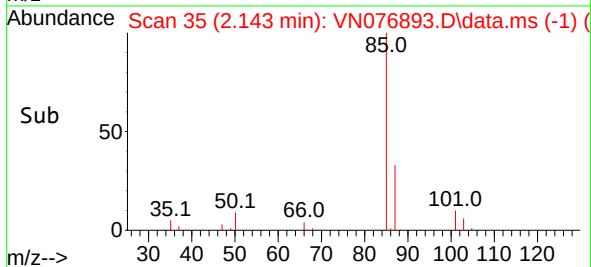
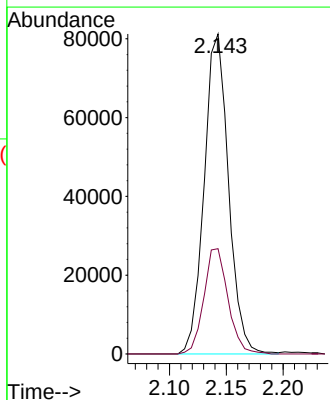
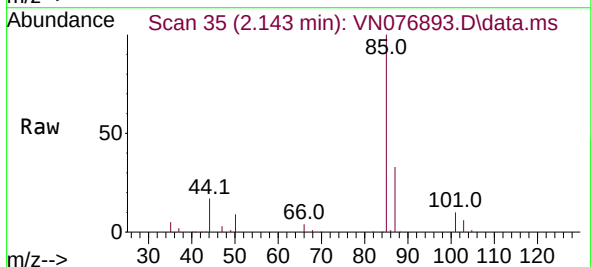
03/10/2023
Supervised By :Mahesh
Dadoda

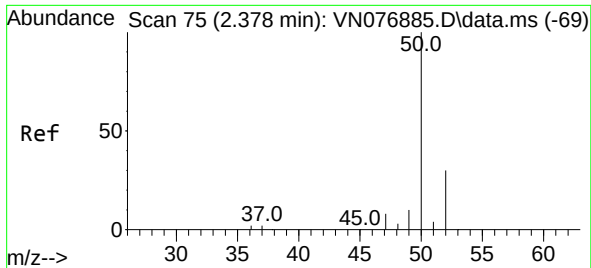
03/10/2023



#2
Dichlorodifluoromethane
Concen: 18.509 ug/l
RT: 2.143 min Scan# 35
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

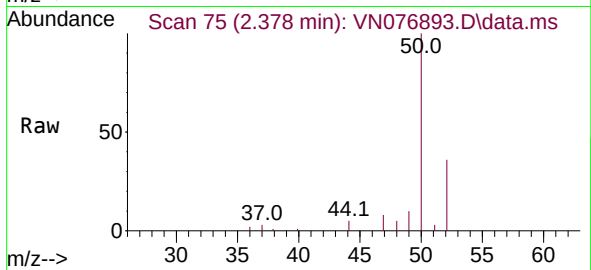
Tgt Ion: 85 Resp: 121208
Ion Ratio Lower Upper
85 100
87 32.9 15.4 46.1





#3
Chloromethane
Concen: 16.582 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



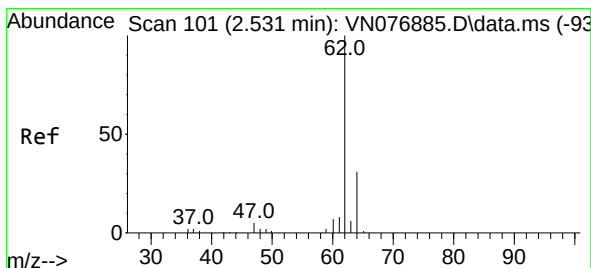
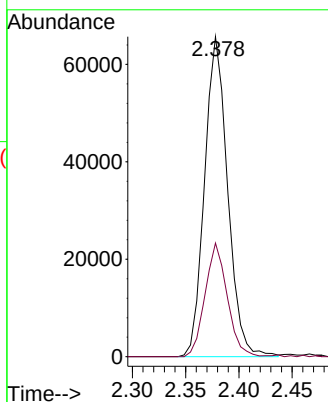
Tgt Ion: 50 Resp: 99250
Ion Ratio Lower Upper
50 100
52 35.5 25.3 37.9

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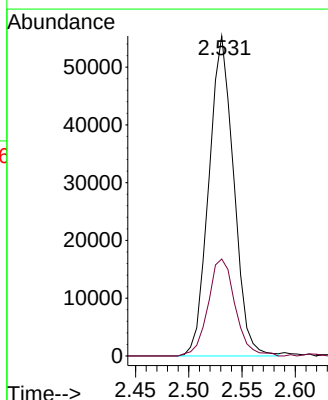
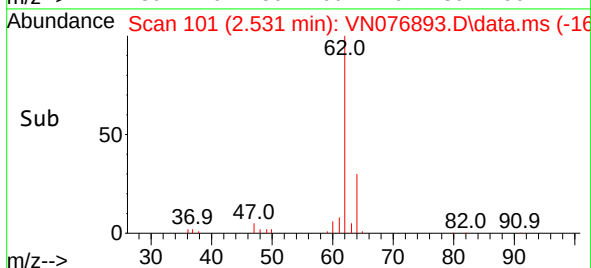
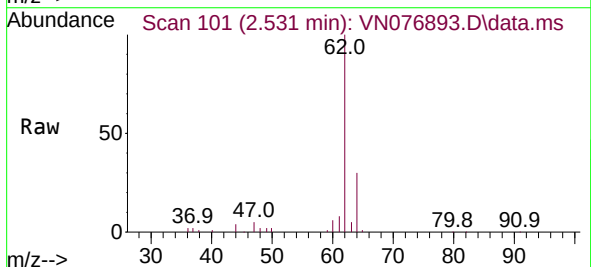
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Dadoda

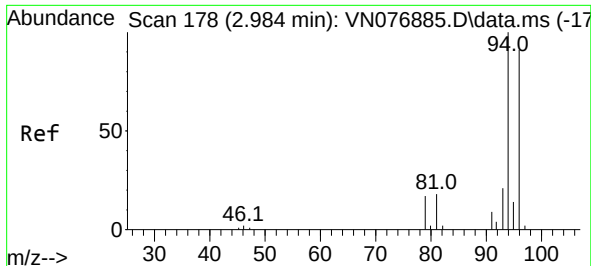
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#4
Vinyl Chloride
Concen: 16.491 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

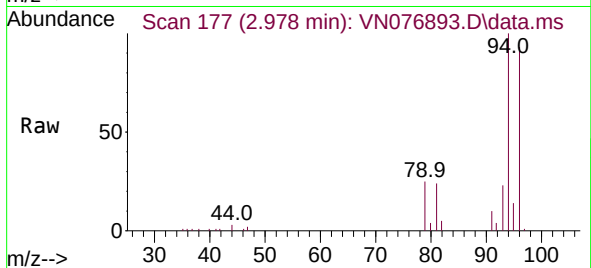
Tgt Ion: 62 Resp: 90012
Ion Ratio Lower Upper
62 100
64 30.3 23.1 34.7





#5
Bromomethane
Concen: 17.648 ug/l
RT: 2.978 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



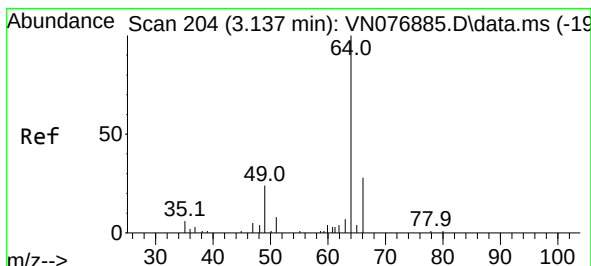
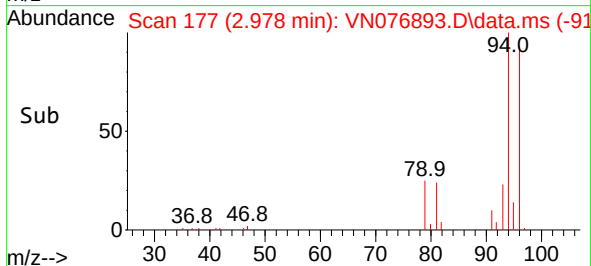
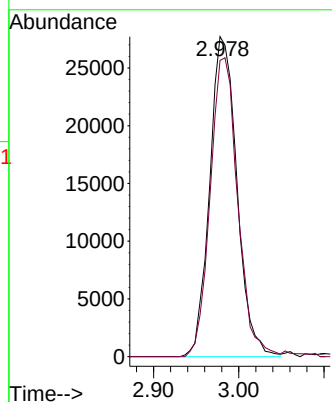
Tgt Ion: 94 Resp: 61600
Ion Ratio Lower Upper
94 100
96 92.6 68.6 103.0

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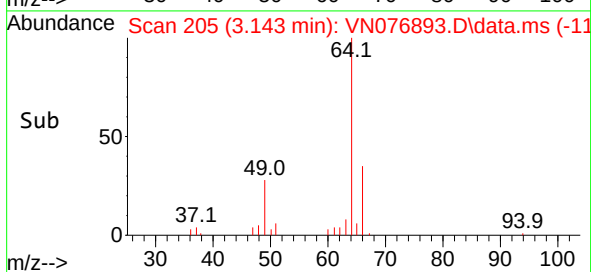
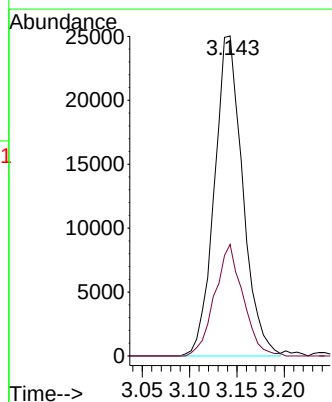
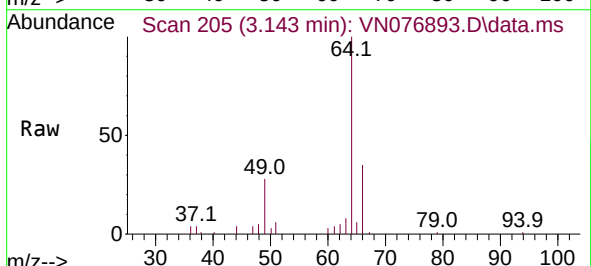
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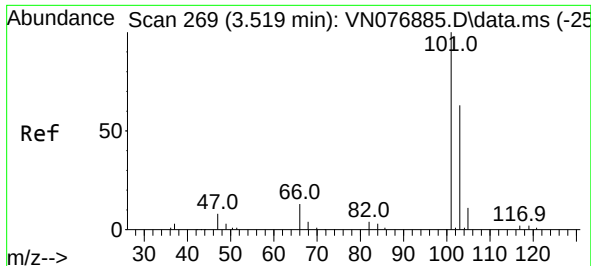
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#6
Chloroethane
Concen: 16.244 ug/l
RT: 3.143 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Tgt Ion: 64 Resp: 52100
Ion Ratio Lower Upper
64 100
66 34.9 23.8 35.6





#7
Trichlorofluoromethane
Concen: 18.066 ug/l
RT: 3.519 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
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ClientSampleId :
VN0309WBSD01

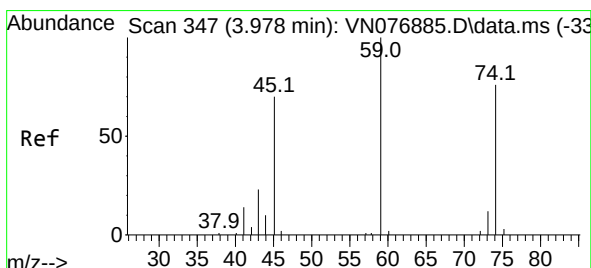
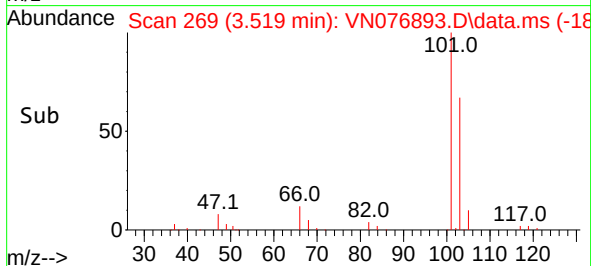
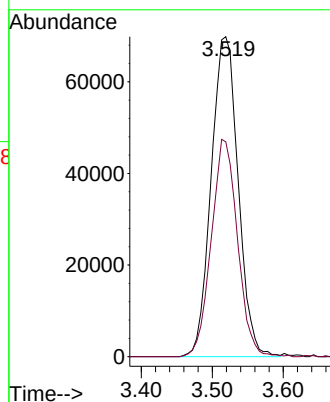
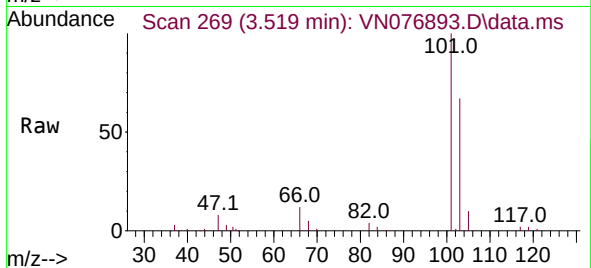
Tgt Ion:101 Resp: 18420
Ion Ratio Lower Upper
101 100
103 67.2 50.2 75.2

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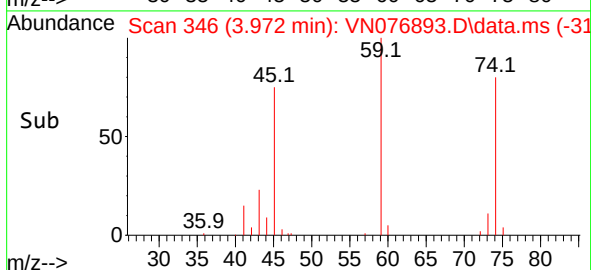
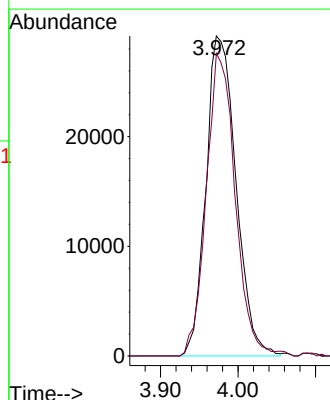
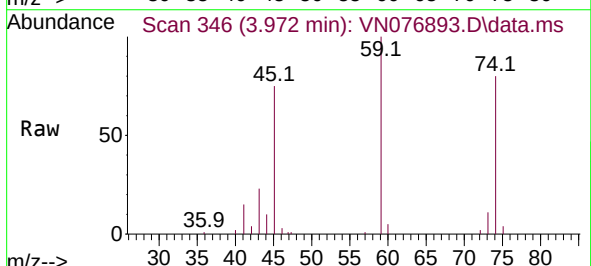
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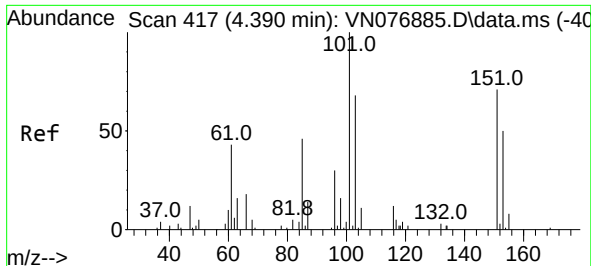
03/10/2023



#8
Diethyl Ether
Concen: 20.585 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Tgt Ion: 74 Resp: 78716
Ion Ratio Lower Upper
74 100
45 90.3 21.4 193.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.769 ug/l
RT: 4.396 min Scan# 417
Delta R.T. 0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

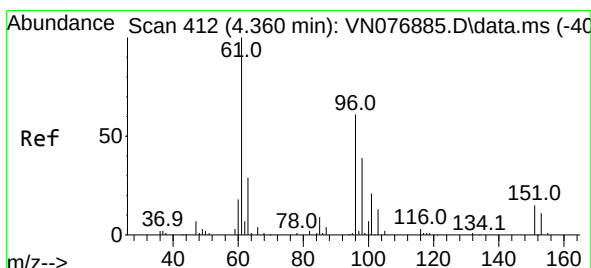
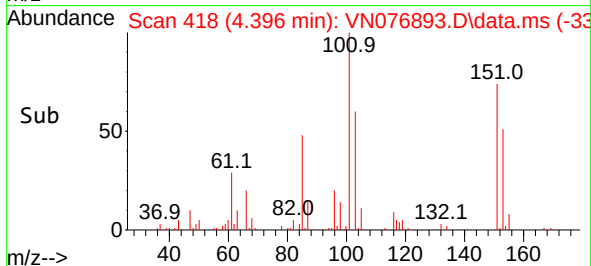
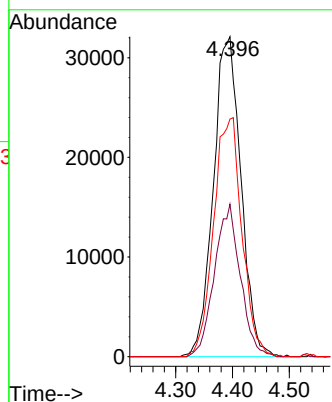
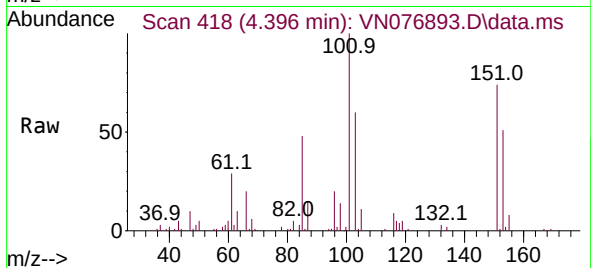
Tgt Ion:101 Resp: 108419
Ion Ratio Lower Upper
101 100
85 44.5 0.0 95.2
151 0.0 0.0 142.2

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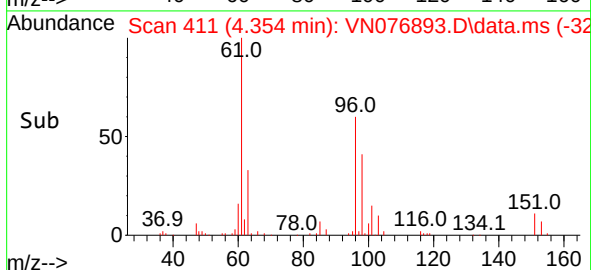
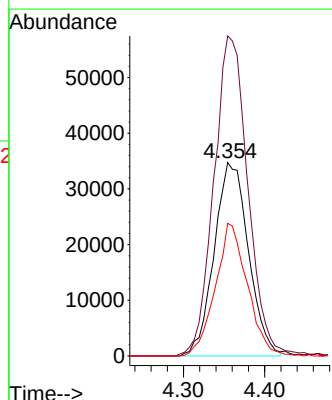
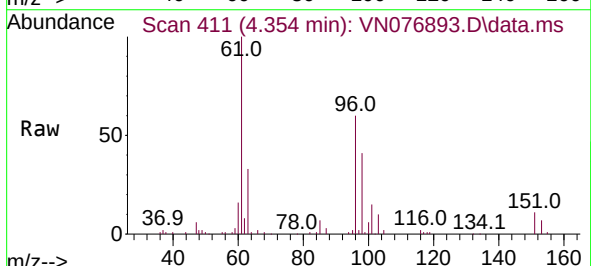
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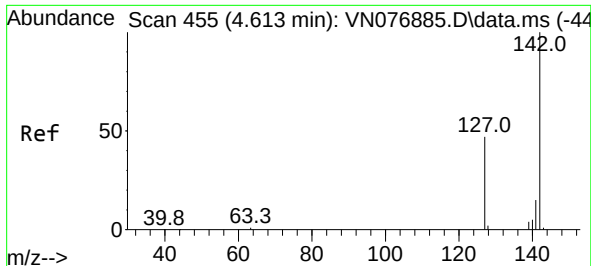
03/10/2023



#10
1,1-Dichloroethene
Concen: 18.154 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

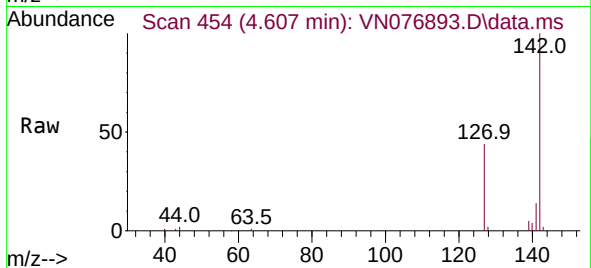
Tgt Ion: 96 Resp: 101785
Ion Ratio Lower Upper
96 100
61 164.5 137.1 205.7
98 68.6 53.2 79.8





#11
Methyl Iodide
Concen: 18.791 ug/l
RT: 4.607 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



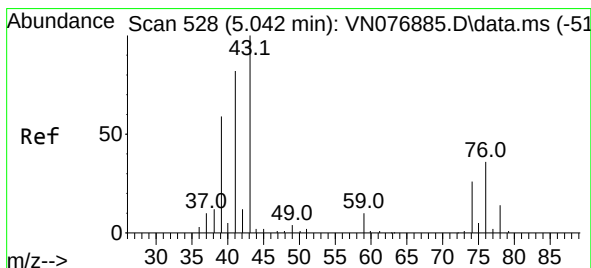
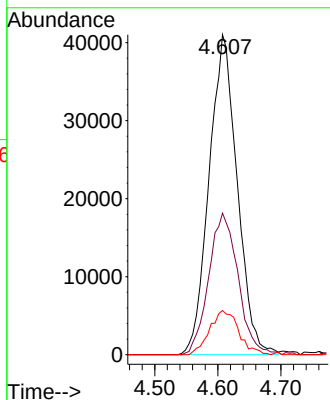
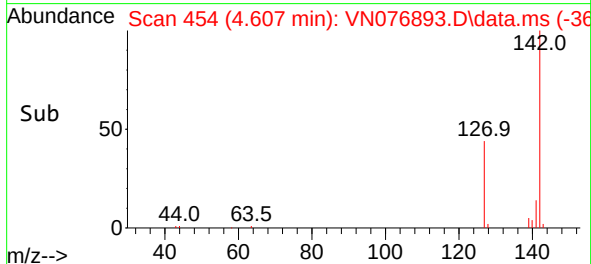
Tgt Ion:142 Resp: 126945
Ion Ratio Lower Upper
142 100
127 44.0 25.0 75.0
141 13.5 8.0 24.0

Manual Integrations
APPROVED

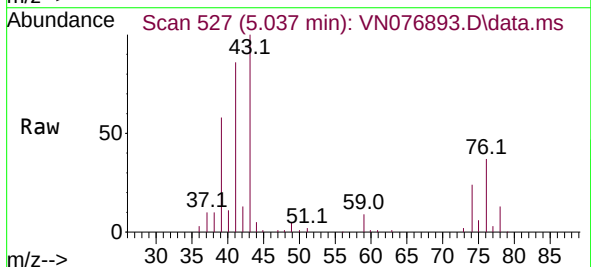
Reviewed By :John
Carlone

03/10/2023
Supervised By :Mahesh
Dadoda

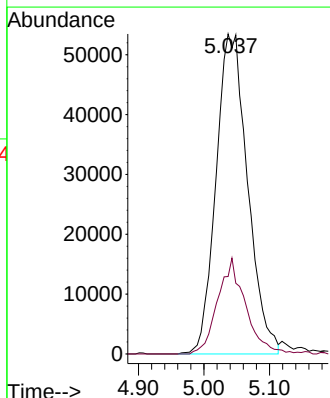
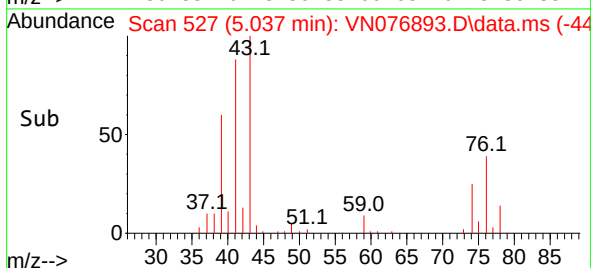
03/10/2023

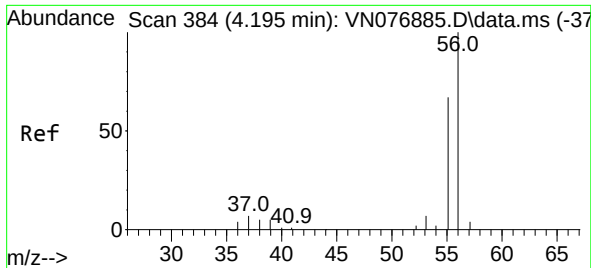


#12
Methyl Acetate
Concen: 19.413 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59



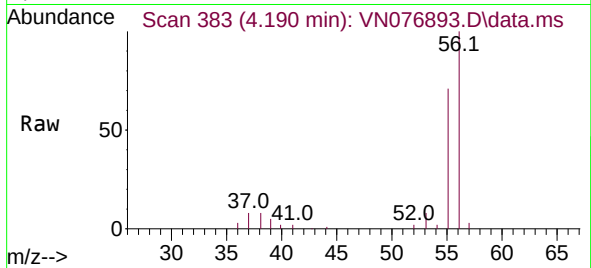
Tgt Ion: 43 Resp: 179016
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.4





#13
Acrolein
Concen: 94.839 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



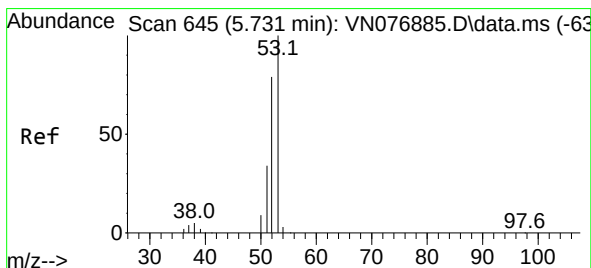
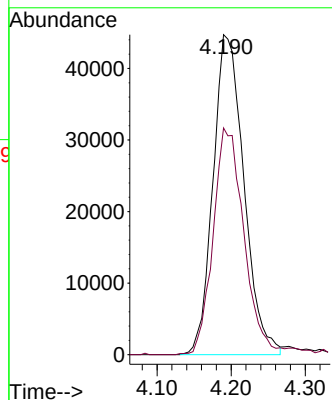
Tgt Ion: 56 Resp: 12929
Ion Ratio Lower Upper
56 100
55 69.5 55.0 82.4

Manual Integrations
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Reviewed By :John
Carlone

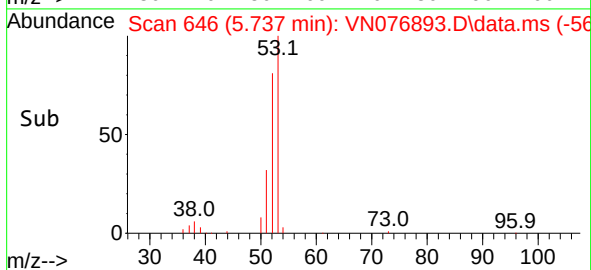
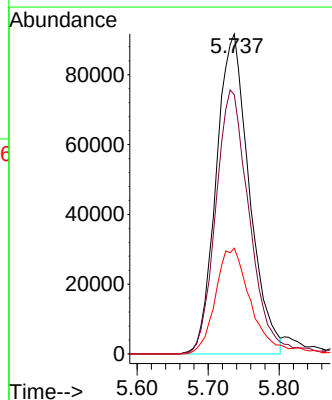
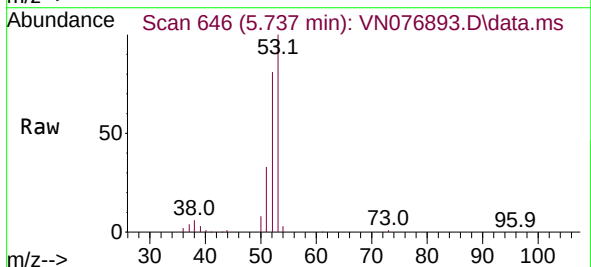
03/10/2023
Supervised By :Mahesh
Dadoda

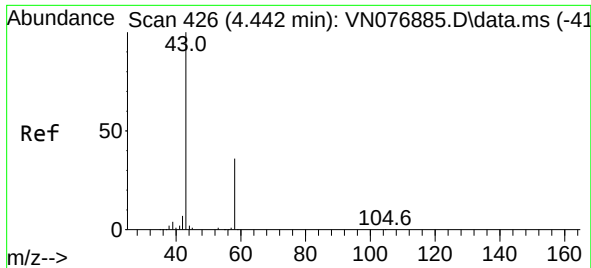
03/10/2023



#14
Acrylonitrile
Concen: 97.380 ug/l
RT: 5.737 min Scan# 646
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

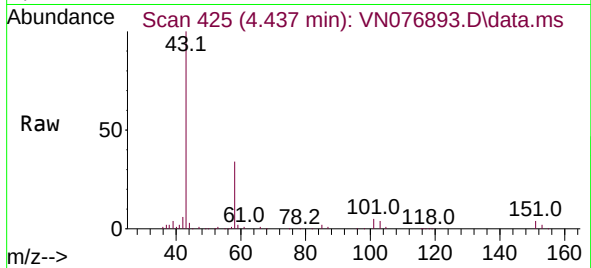
Tgt Ion: 53 Resp: 295819
Ion Ratio Lower Upper
53 100
52 83.6 41.5 124.6
51 34.8 17.6 52.8





#15
Acetone
Concen: 107.264 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



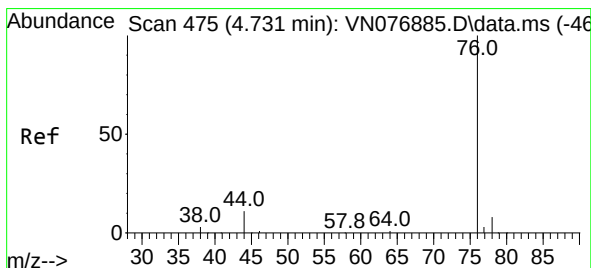
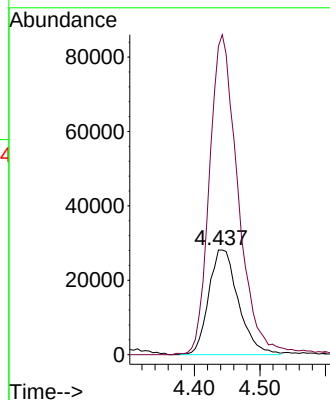
Tgt Ion: 58 Resp: 88679
Ion Ratio Lower Upper
58 100
43 293.6 255.4 383.0

Manual Integrations
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Reviewed By :John
Carlone

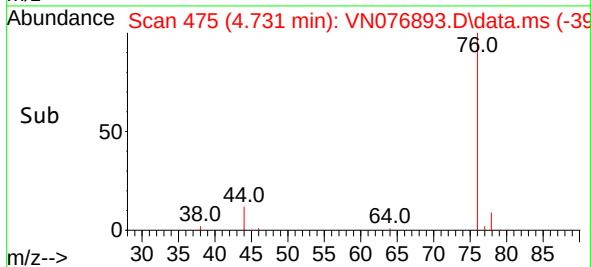
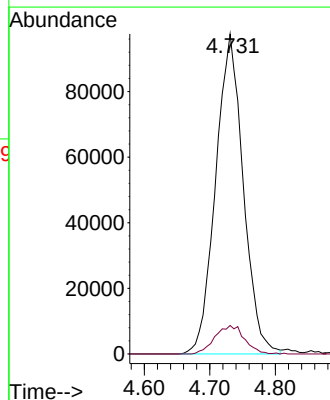
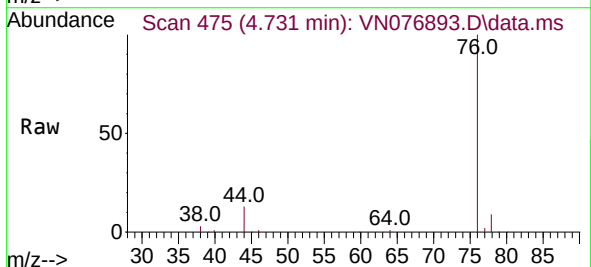
03/10/2023
Supervised By :Mahesh
Dadoda

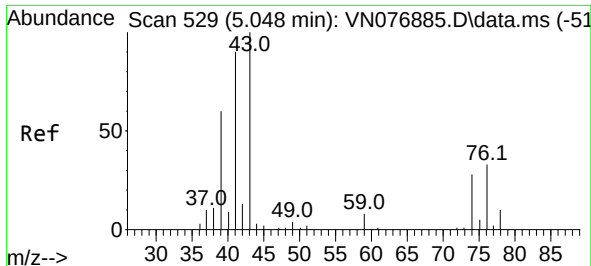
03/10/2023



#16
Carbon Disulfide
Concen: 18.328 ug/l
RT: 4.731 min Scan# 475
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

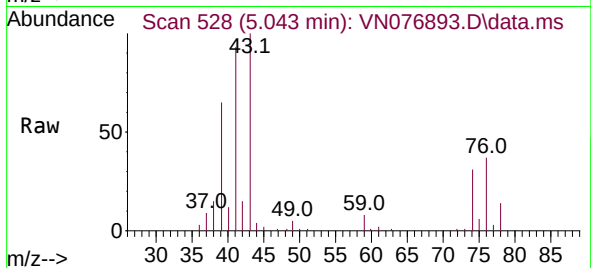
Tgt Ion: 76 Resp: 284932
Ion Ratio Lower Upper
76 100
78 8.9 6.6 9.8





#17
 Allyl chloride
 Concen: 18.569 ug/l
 RT: 5.043 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN076893.D
 Acq: 09 Mar 2023 10:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBSD01



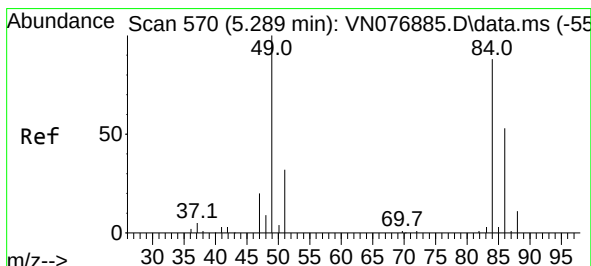
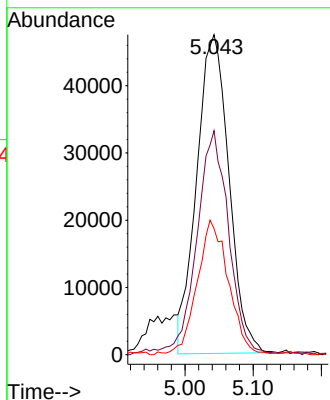
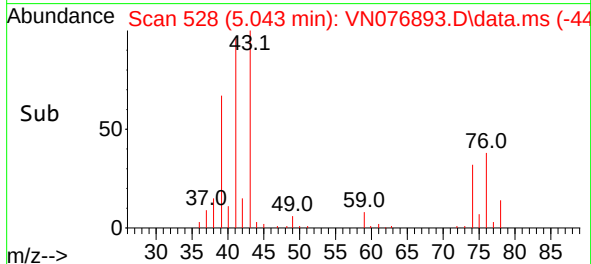
Tgt Ion: 41 Resp: 15615
 Ion Ratio Lower Upper
 41 100
 39 69.8 34.8 104.3
 76 39.3 17.5 52.5

Manual Integrations
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Reviewed By :John
 Carlone

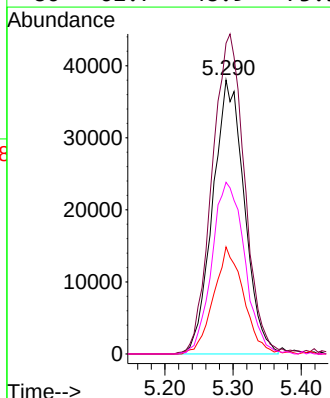
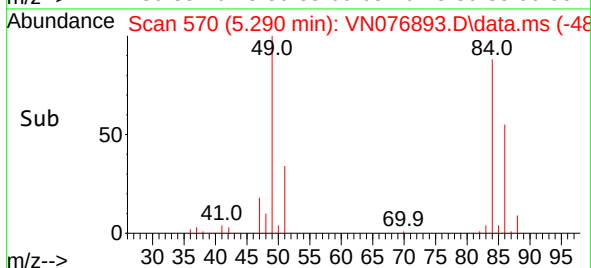
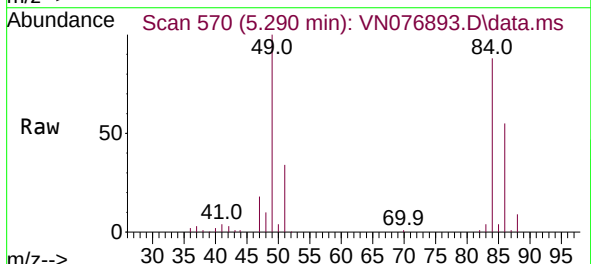
03/10/2023
 Supervised By :Mahesh
 Dadoda

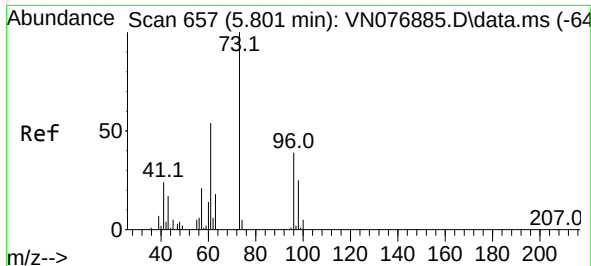
03/10/2023



#18
 Methylene Chloride
 Concen: 18.714 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.005 min
 Lab File: VN076893.D
 Acq: 09 Mar 2023 10:59

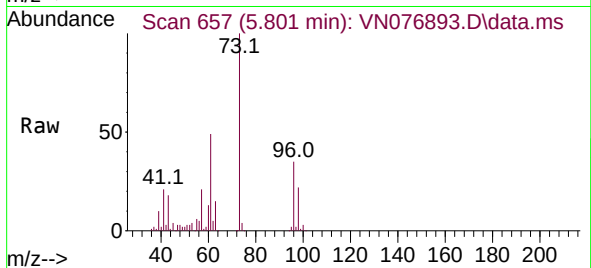
Tgt Ion: 84 Resp: 122727
 Ion Ratio Lower Upper
 84 100
 49 112.9 113.8 170.6#
 51 39.1 34.2 51.4
 86 62.7 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 19.345 ug/l
RT: 5.801 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



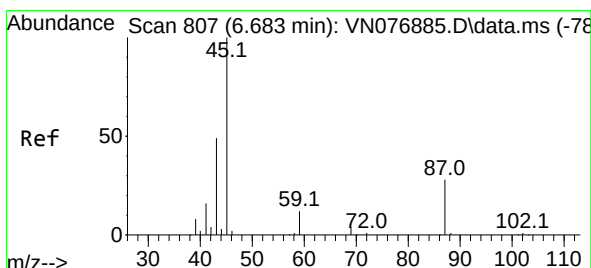
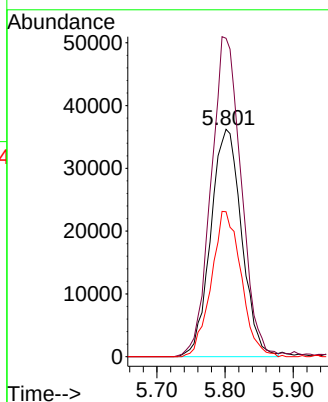
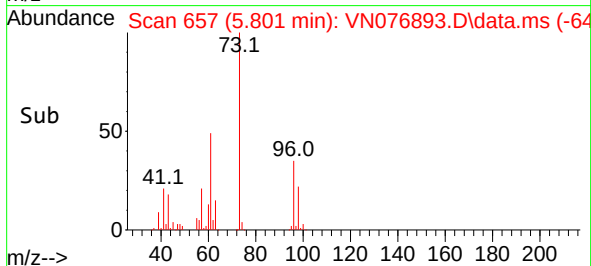
Tgt Ion: 96 Resp: 114285
Ion Ratio Lower Upper
96 100
61 139.5 111.0 166.4
98 63.8 55.0 82.6

Manual Integrations
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Reviewed By :John
Carlone

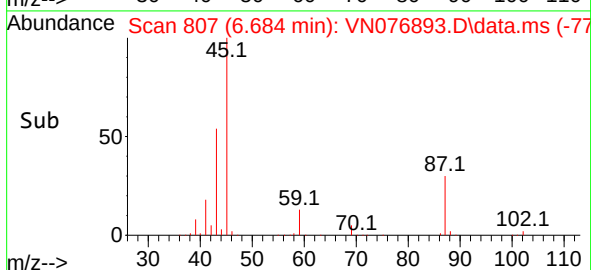
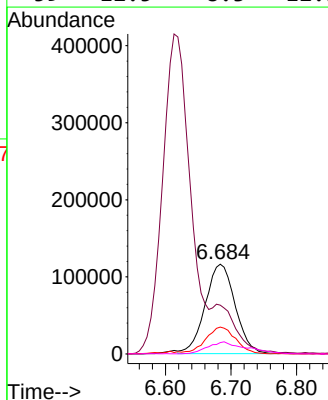
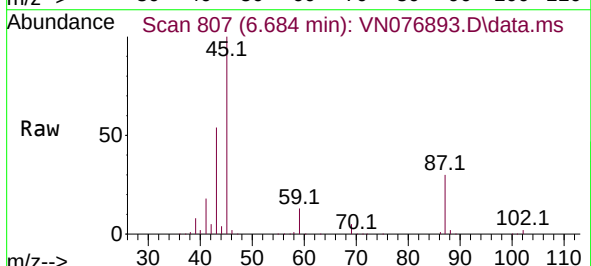
03/10/2023
Supervised By :Mahesh
Dadoda

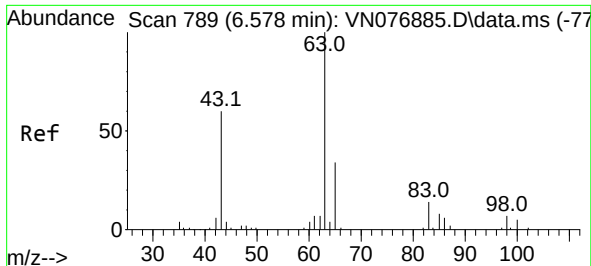
03/10/2023



#20
Diisopropyl ether
Concen: 19.438 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.005 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

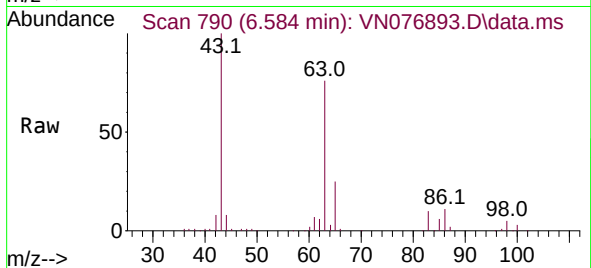
Tgt Ion: 45 Resp: 368755
Ion Ratio Lower Upper
45 100
43 52.9 38.6 58.0
87 29.7 20.1 30.1
59 12.5 8.3 12.5#





#21
1,1-Dichloroethane
Concen: 18.572 ug/l
RT: 6.584 min Scan# 790
Delta R.T. 0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



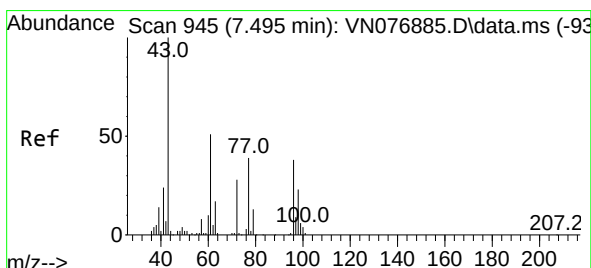
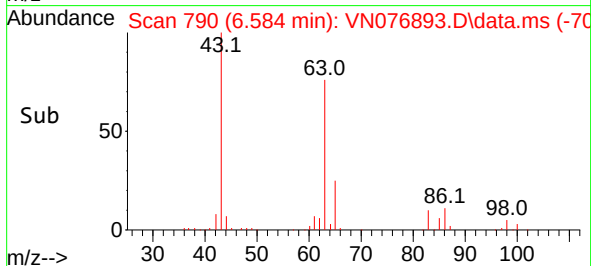
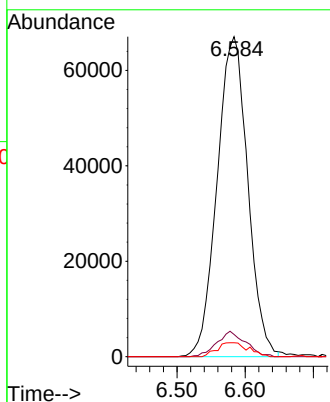
Tgt Ion: 63 Resp: 20966
Ion Ratio Lower Upper
63 100
98 6.9 3.6 10.9
100 4.3 2.6 7.8

Manual Integrations
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Reviewed By :John
Carlone

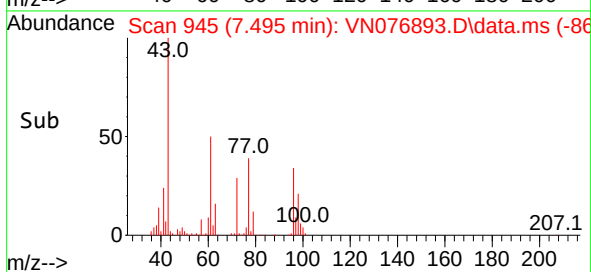
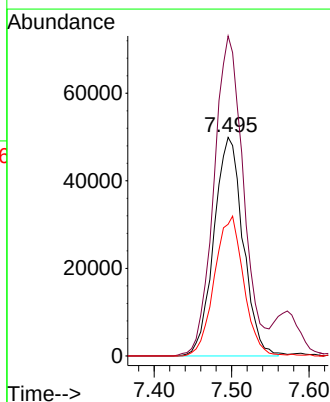
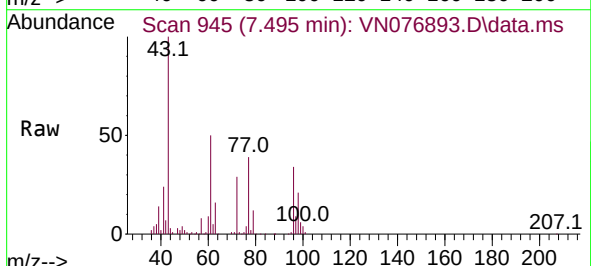
03/10/2023
Supervised By :Mahesh
Dadoda

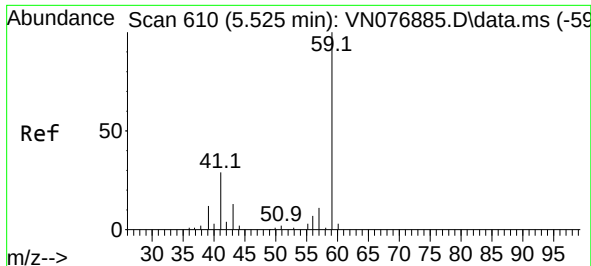
03/10/2023



#22
cis-1,2-Dichloroethene
Concen: 19.311 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

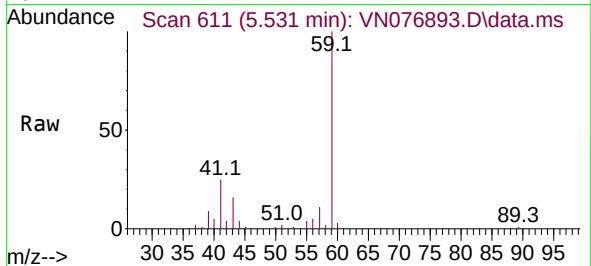
Tgt Ion: 96 Resp: 130741
Ion Ratio Lower Upper
96 100
61 149.1 121.0 181.4
98 64.0 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 109.354 ug/l
RT: 5.531 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



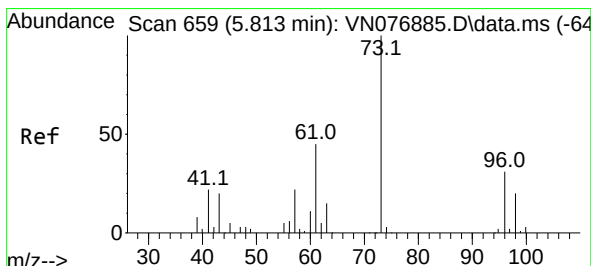
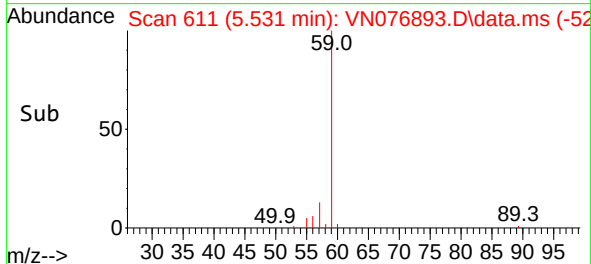
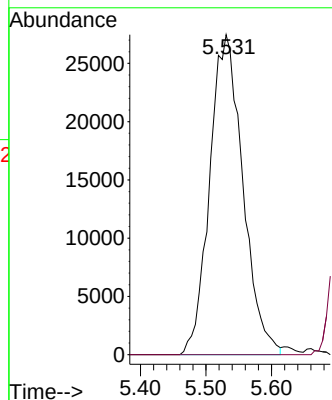
Tgt Ion: 59 Resp: 96478
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

Manual Integrations
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Reviewed By :John
Carlone

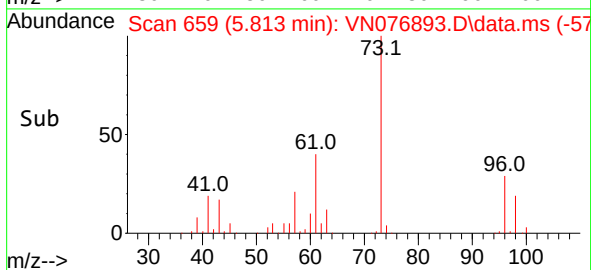
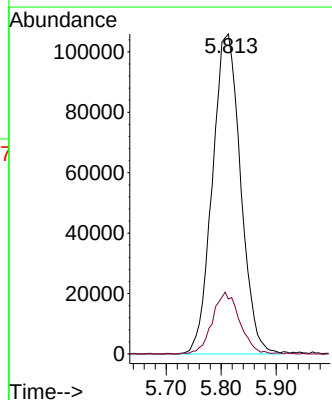
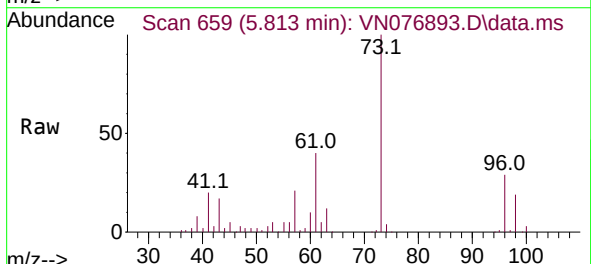
03/10/2023
Supervised By :Mahesh
Dadoda

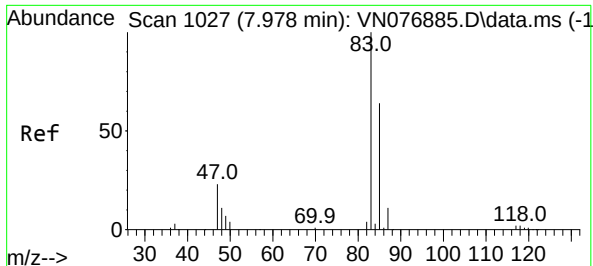
03/10/2023



#24
Methyl tert-Butyl Ether
Concen: 20.673 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Tgt Ion: 73 Resp: 377889
Ion Ratio Lower Upper
73 100
43 18.4 17.8 26.6





#25

Chloroform

Concen: 18.872 ug/l

RT: 7.978 min Scan# 1027

Delta R.T. 0.006 min

Lab File: VN076893.D

Acq: 09 Mar 2023 10:59

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01

Tgt Ion: 83 Resp: 21887

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.6

Manual Integrations

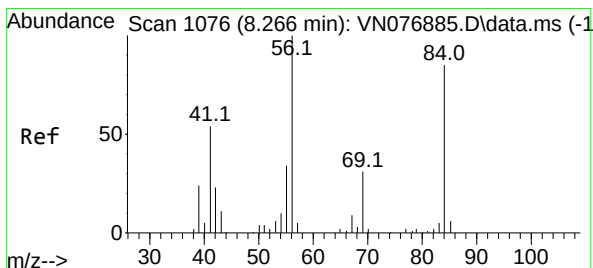
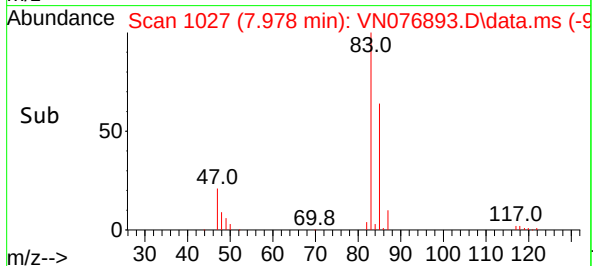
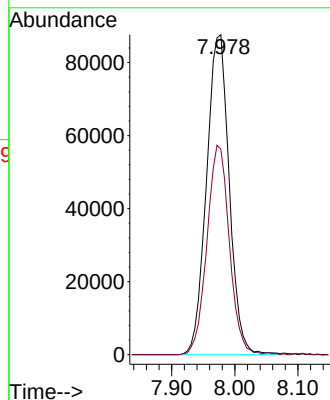
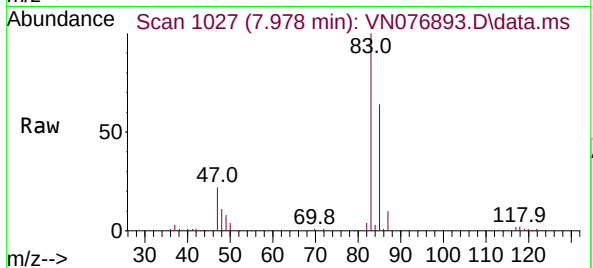
APPROVED

Reviewed By :John
Carlone

03/10/2023

Supervised By :Mahesh
Dadoda

03/10/2023



#26

Cyclohexane

Concen: 17.367 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN076893.D

Acq: 09 Mar 2023 10:59

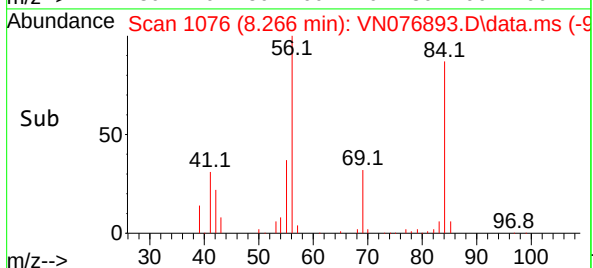
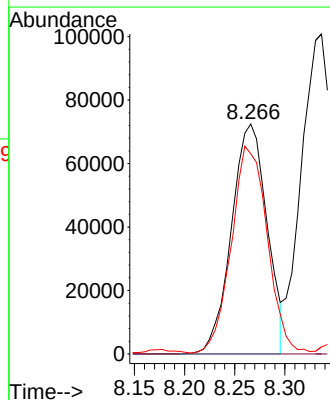
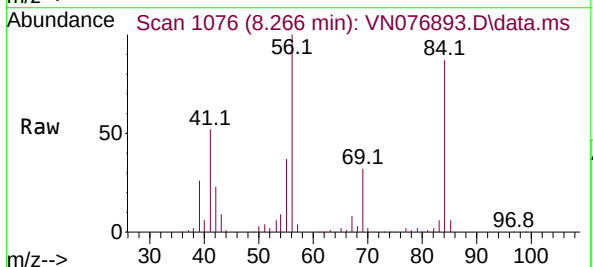
Tgt Ion: 56 Resp: 179009

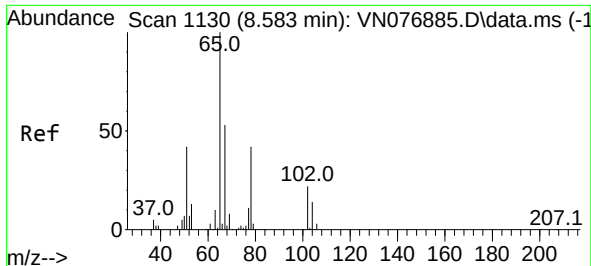
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

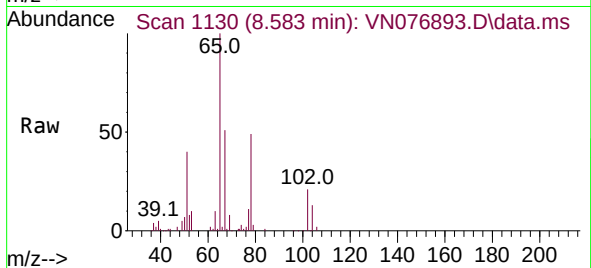
84 90.7 65.3 97.9





#27
1,2-Dichloroethane-d4
Concen: 30.655 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



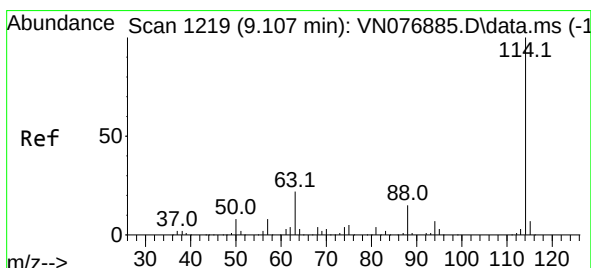
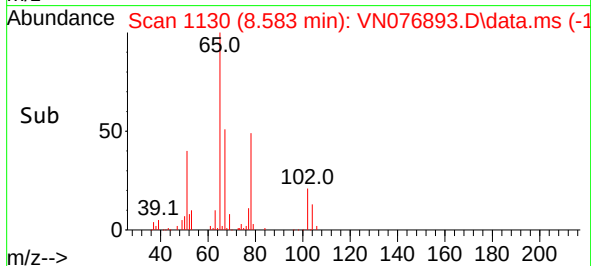
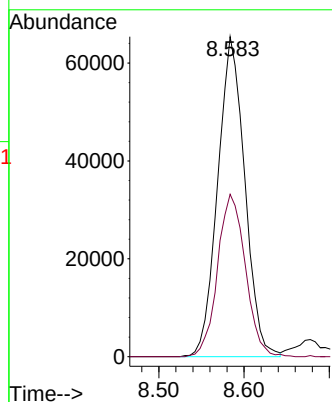
Tgt Ion: 65 Resp: 144190
Ion Ratio Lower Upper
65 100
67 52.2 40.9 61.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

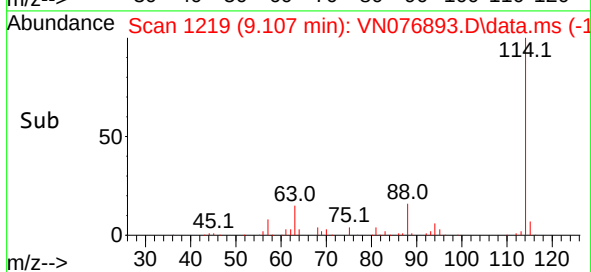
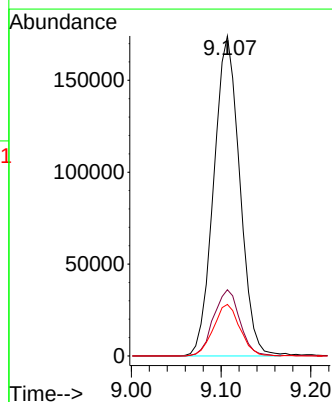
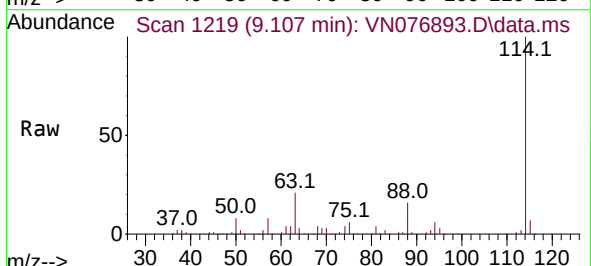
03/10/2023
Supervised By :Mahesh
Dadoda

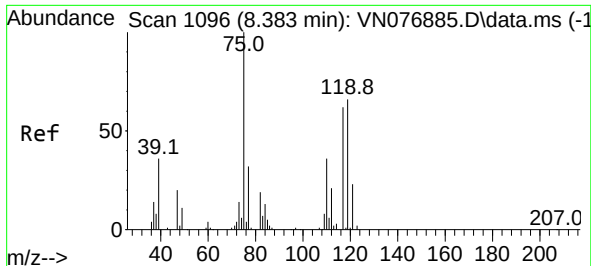
03/10/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

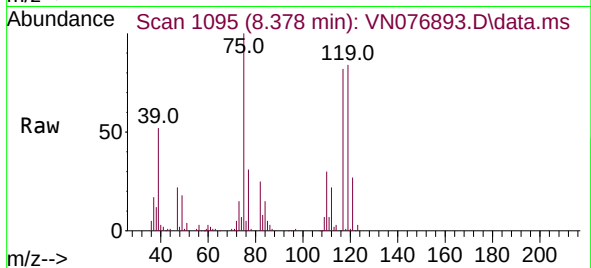
Tgt Ion:114 Resp: 350182
Ion Ratio Lower Upper
114 100
63 20.9 17.0 25.4
88 16.4 11.6 17.4





#29
1,1-Dichloropropene
Concen: 19.565 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



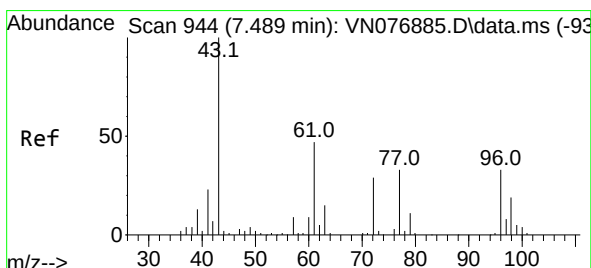
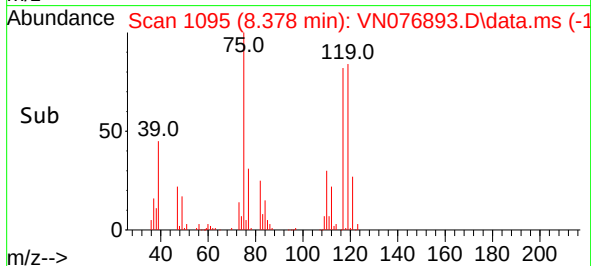
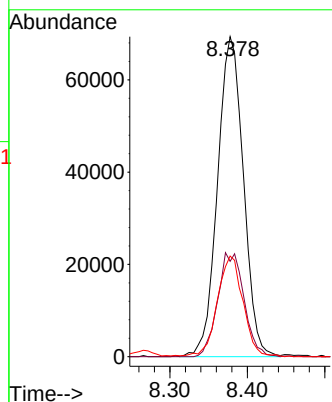
Tgt Ion: 75 Resp: 16137
Ion Ratio Lower Upper
75 100
110 33.0 0.0 67.2
77 30.7 0.0 64.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

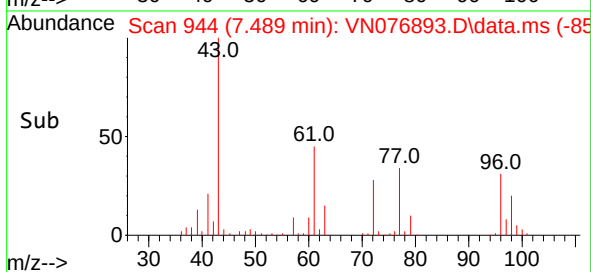
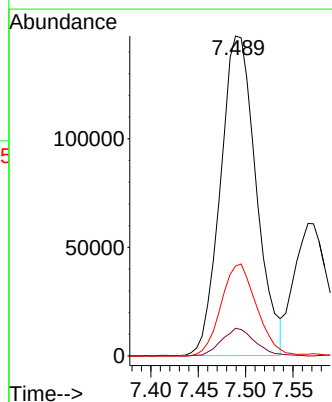
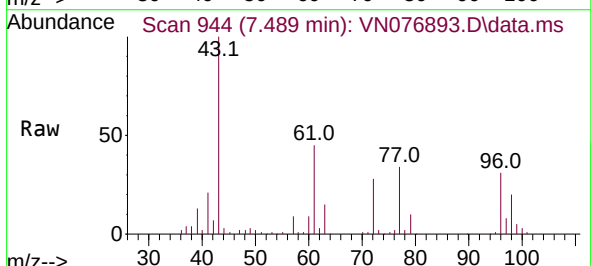
03/10/2023
Supervised By :Mahesh
Dadoda

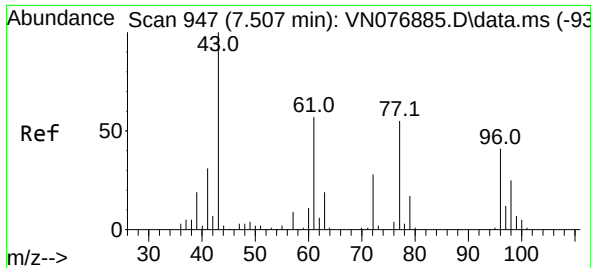
03/10/2023



#30
2-Butanone
Concen: 102.596 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Tgt Ion: 43 Resp: 386080
Ion Ratio Lower Upper
43 100
57 8.2 6.1 9.1
72 28.7 20.2 30.4





#31
2,2-Dichloropropane
Concen: 20.170 ug/l
RT: 7.501 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

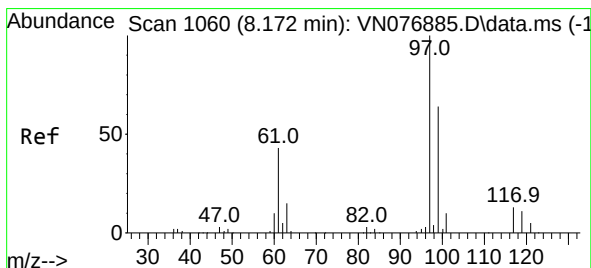
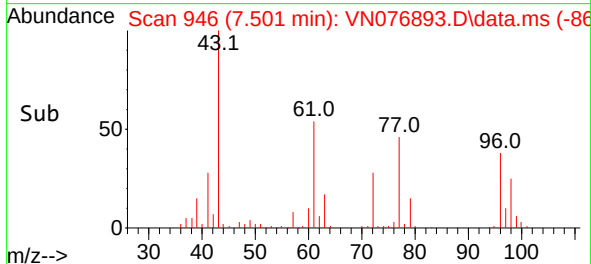
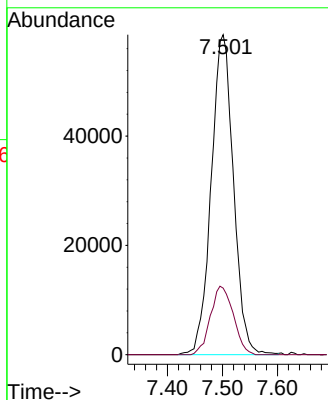
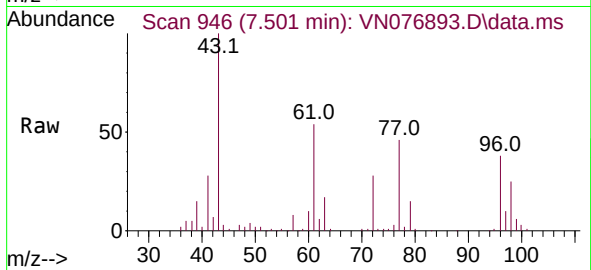
Tgt Ion: 77 Resp: 164830
Ion Ratio Lower Upper
77 100
97 22.0 7.2 10.8

Manual Integrations
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Reviewed By :John
Carlone

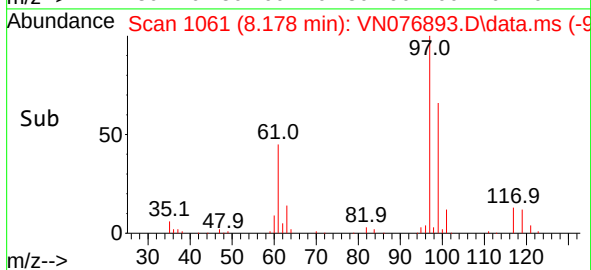
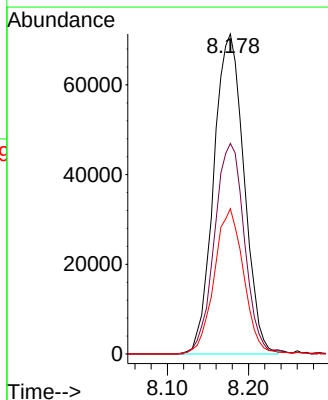
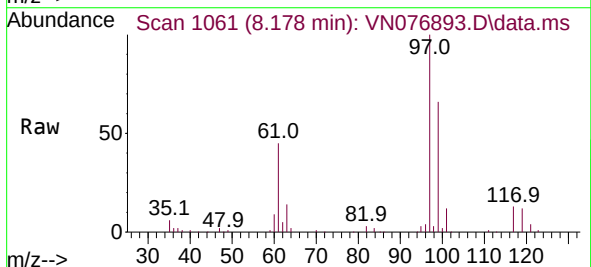
03/10/2023
Supervised By :Mahesh
Dadoda

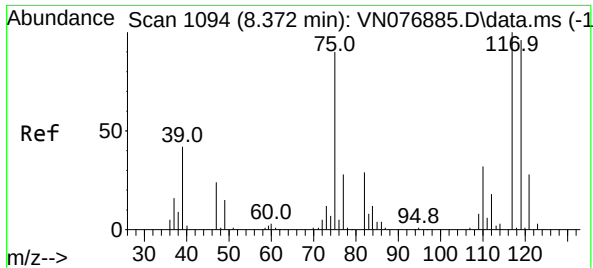
03/10/2023



#32
1,1,1-Trichloroethane
Concen: 19.222 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

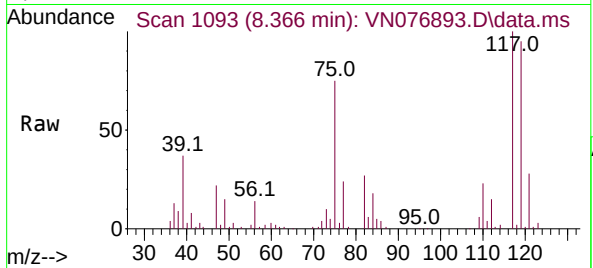
Tgt Ion: 97 Resp: 184931
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.8
61 44.0 39.3 58.9





#33
Carbon Tetrachloride
Concen: 19.455 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



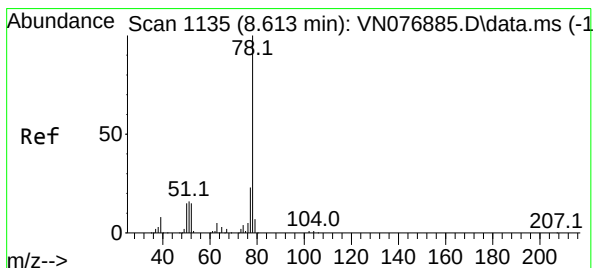
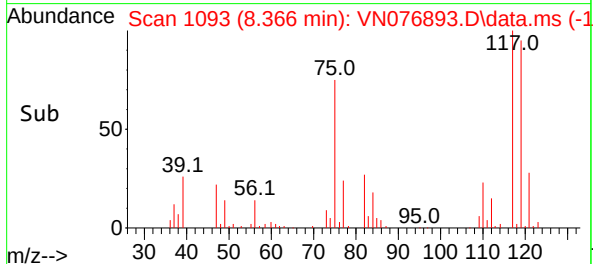
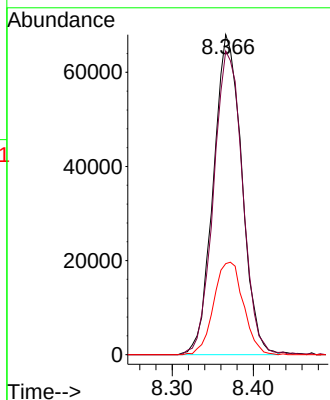
Tgt Ion: 117 Resp: 165498
Ion Ratio Lower Upper
117 100
119 94.9 79.8 119.8
121 28.4 23.4 35.0

Manual Integrations
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Reviewed By :John
Carlone

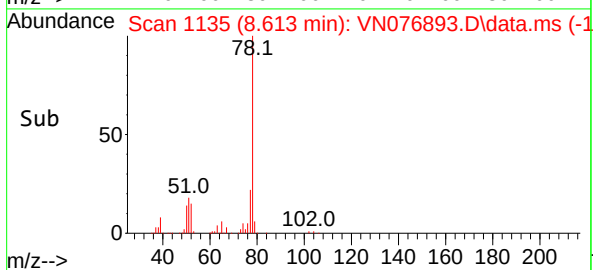
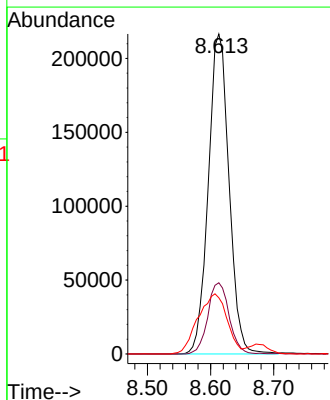
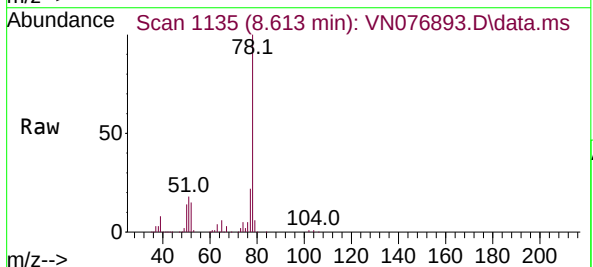
03/10/2023
Supervised By :Mahesh
Dadoda

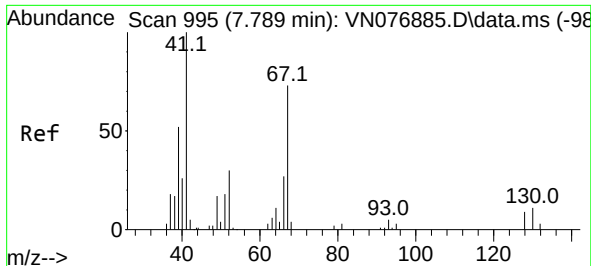
03/10/2023



#34
Benzene
Concen: 19.527 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

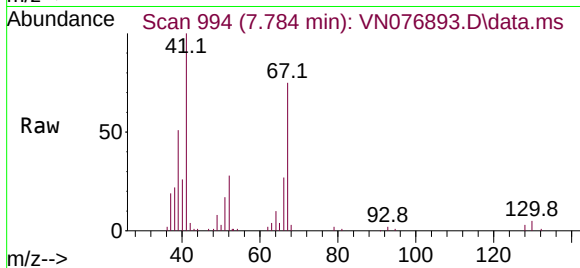
Tgt Ion: 78 Resp: 493783
Ion Ratio Lower Upper
78 100
77 22.3 17.4 26.2
51 17.2 13.8 20.6





#35
Methacrylonitrile
Concen: 20.446 ug/l
RT: 7.784 min Scan# 995
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



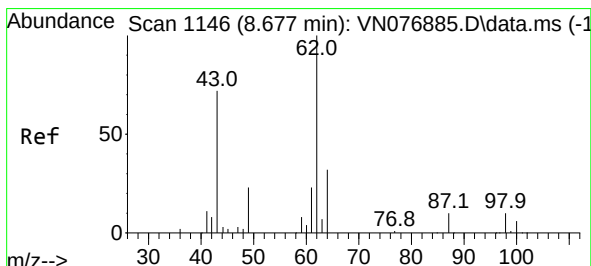
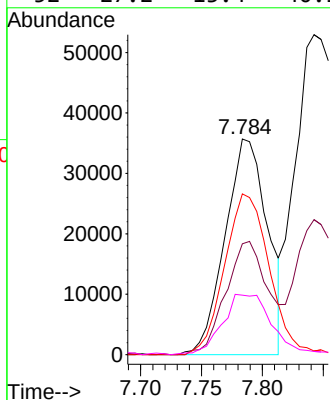
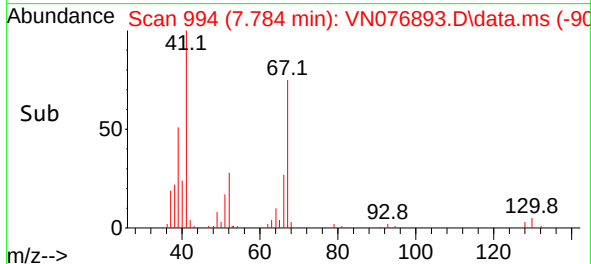
Tgt Ion: 41 Resp: 86570
Ion Ratio Lower Upper
41 100
39 51.4 26.6 79.7
67 74.6 32.3 96.9
52 27.2 13.4 40.1

Manual Integrations
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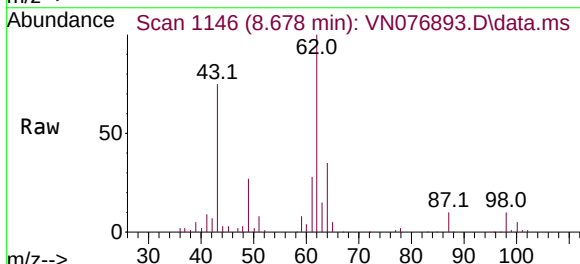
Reviewed By :John
Carlone

03/10/2023
Supervised By :Mahesh
Dadoda

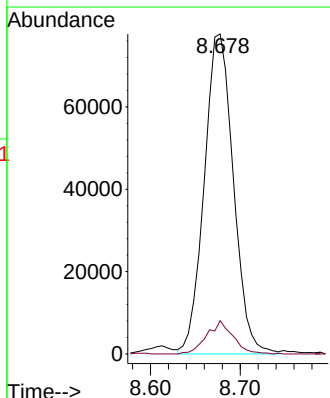
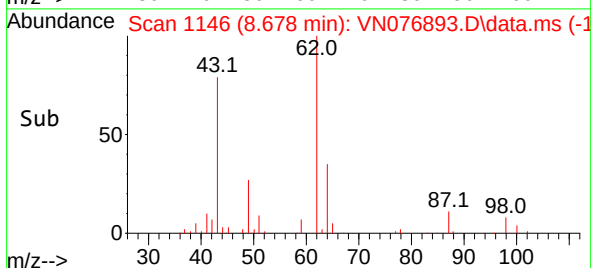
03/10/2023

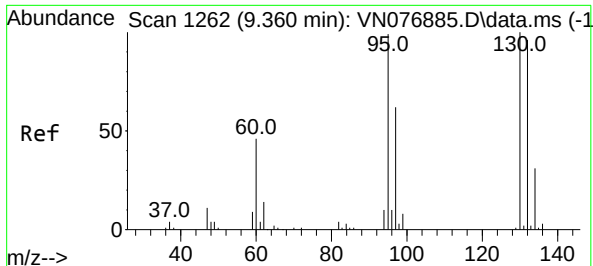


#36
1,2-Dichloroethane
Concen: 20.720 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59



Tgt Ion: 62 Resp: 175618
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.0





#37

Trichloroethene

Concen: 19.807 ug/l

RT: 9.360 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076893.D

Acq: 09 Mar 2023 10:59

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01

Tgt Ion:130 Resp: 12344

Ion Ratio Lower Upper

130 100

95 99.4 78.7 118.1

Manual Integrations

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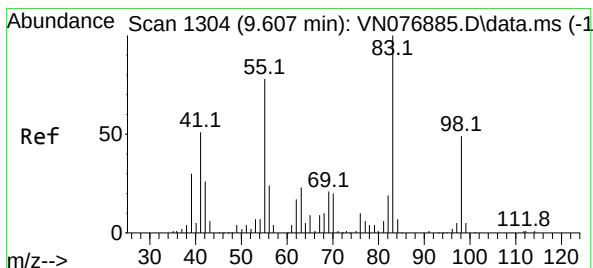
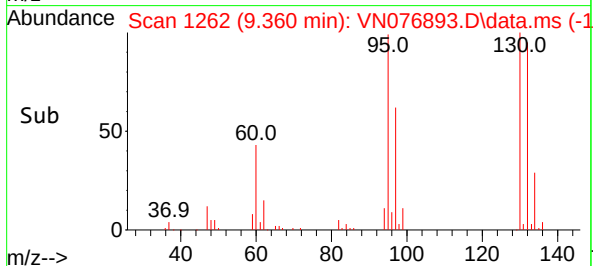
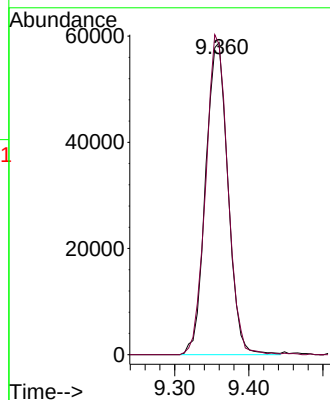
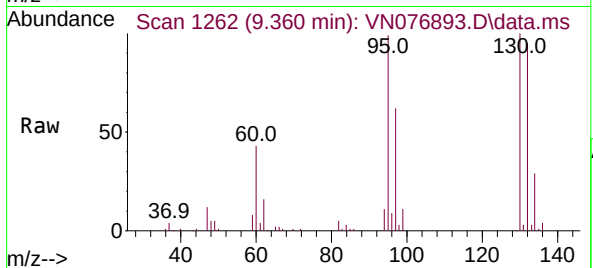
Reviewed By :John

Carlone

03/10/2023

Supervised By :Mahesh
Dadoda

03/10/2023



#38

Methylcyclohexane

Concen: 19.315 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN076893.D

Acq: 09 Mar 2023 10:59

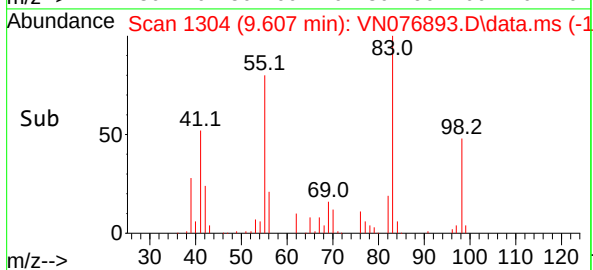
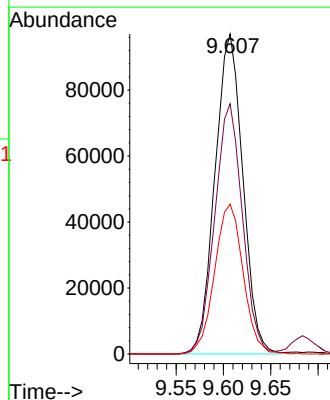
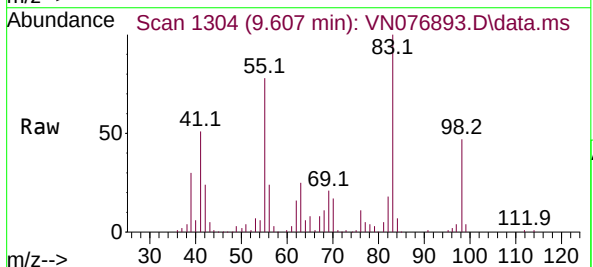
Tgt Ion: 83 Resp: 198297

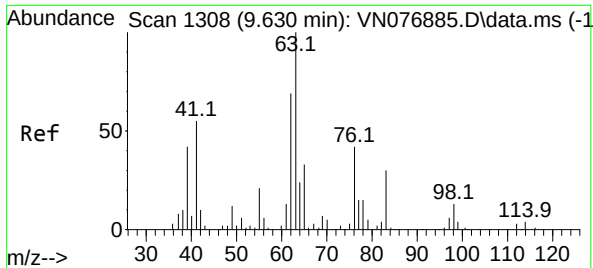
Ion Ratio Lower Upper

83 100

55 77.8 37.6 112.9

98 48.0 24.1 72.4





#39

1,2-Dichloropropane

Concen: 20.080 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076893.D

Acq: 09 Mar 2023 10:59

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01

Tgt Ion: 63 Resp: 130459

Ion Ratio Lower Upper

63 100

65 30.9 27.2 40.8

Manual Integrations

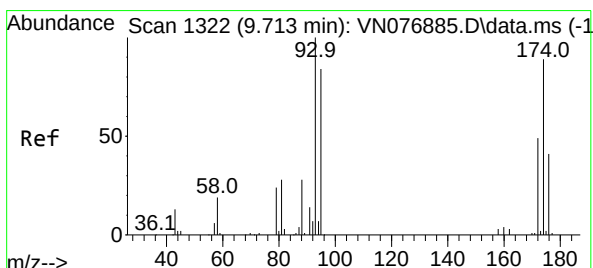
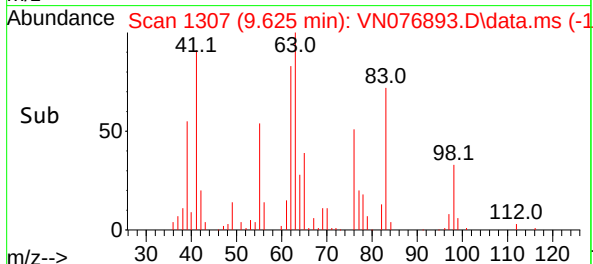
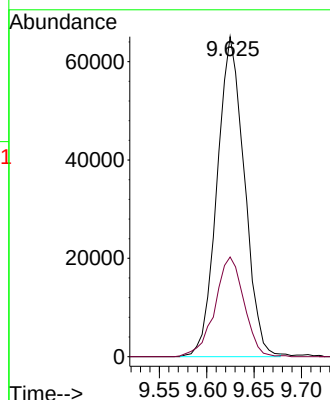
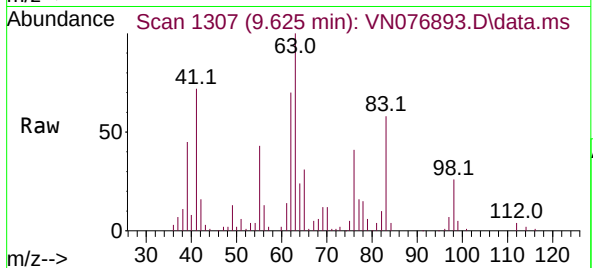
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Reviewed By :John
Carlone

03/10/2023

Supervised By :Mahesh
Dadoda

03/10/2023



#40

Dibromomethane

Concen: 20.858 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076893.D

Acq: 09 Mar 2023 10:59

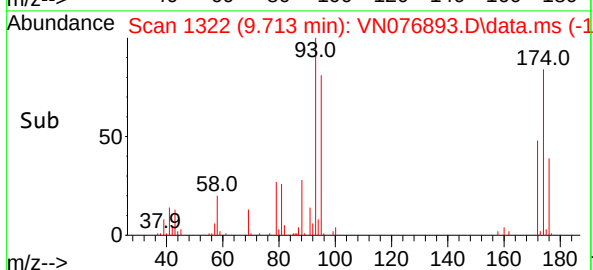
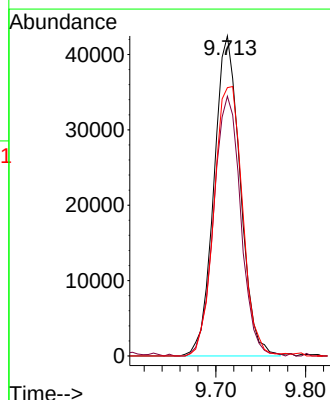
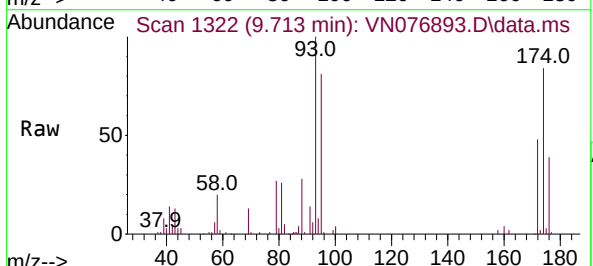
Tgt Ion: 93 Resp: 86335

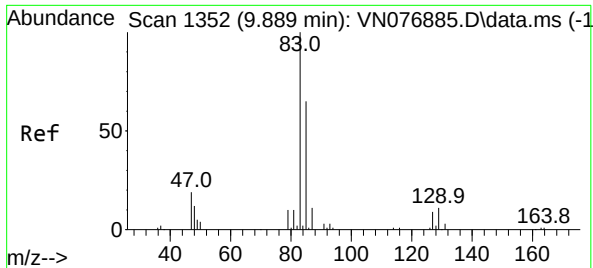
Ion Ratio Lower Upper

93 100

95 83.1 0.0 158.0

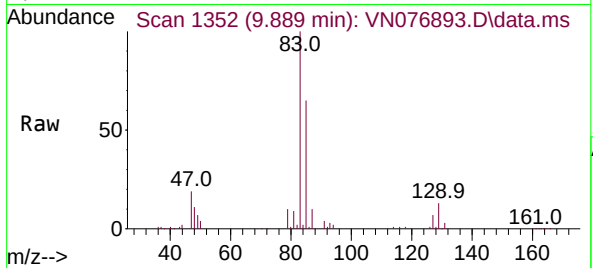
174 90.9 0.0 171.2





#41
Bromodichloromethane
Concen: 20.347 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



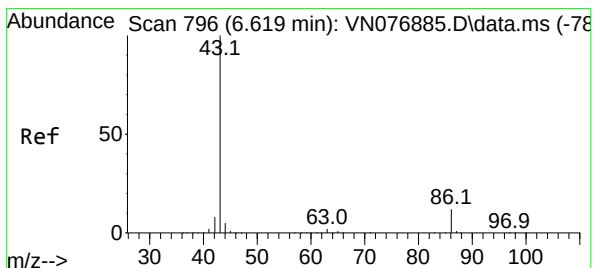
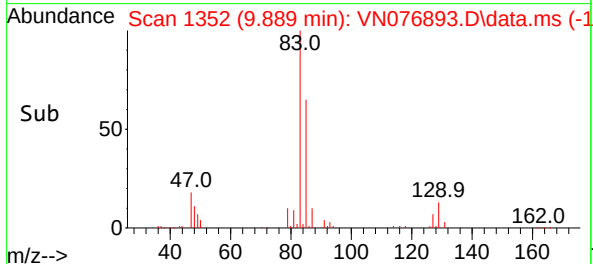
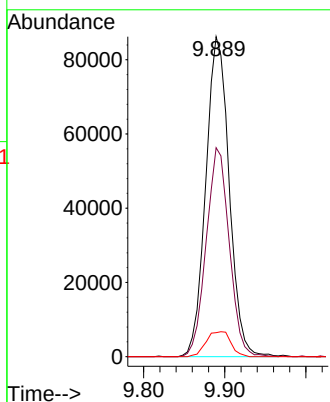
Tgt Ion: 83 Resp: 172600
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.4
127 7.5 6.2 9.2

Manual Integrations
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Reviewed By :John
Carlone

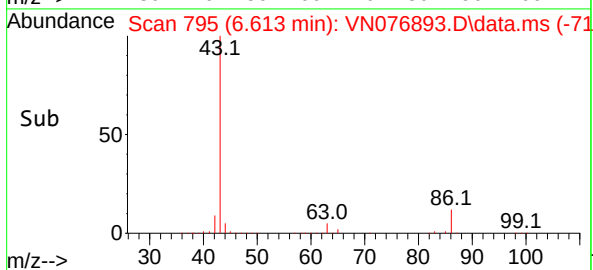
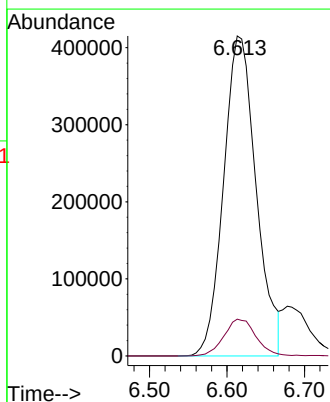
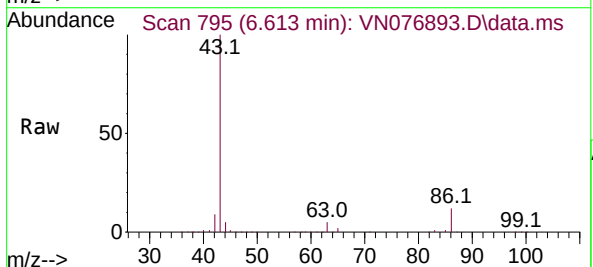
03/10/2023
Supervised By :Mahesh
Dadoda

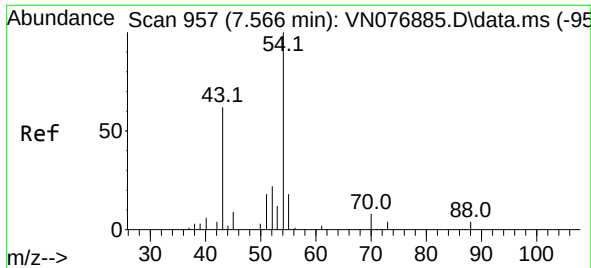
03/10/2023



#42
Vinyl Acetate
Concen: 103.713 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

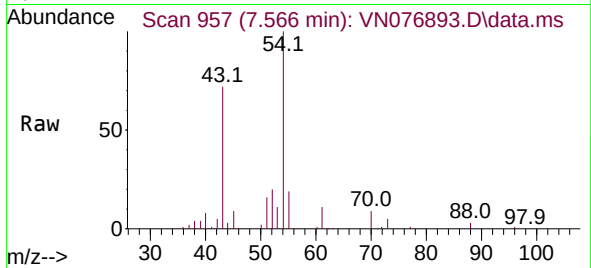
Tgt Ion: 43 Resp: 1216578
Ion Ratio Lower Upper
43 100
86 11.3 7.8 11.6





#43
Ethyl Acetate
Concen: 20.370 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



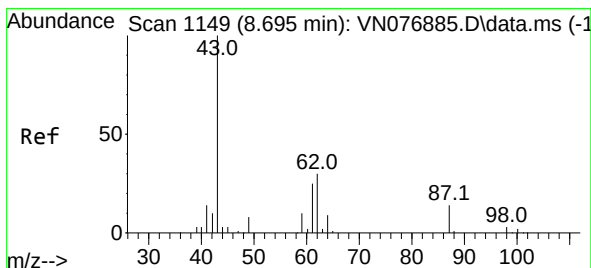
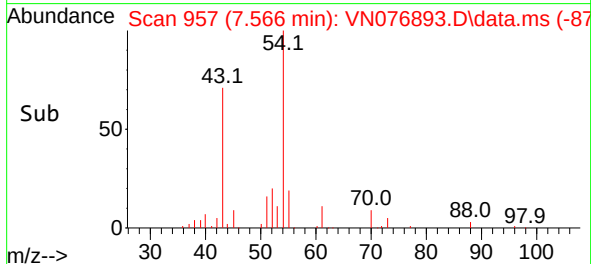
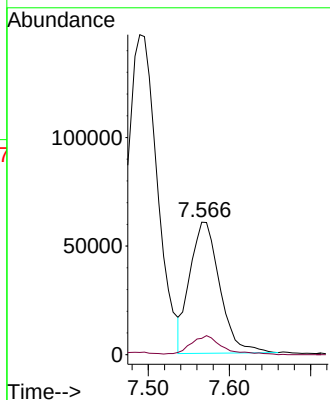
Tgt Ion: 43 Resp: 154679
Ion Ratio Lower Upper
43 100
45 15.2 11.2 16.8

Manual Integrations
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Reviewed By :John
Carlone

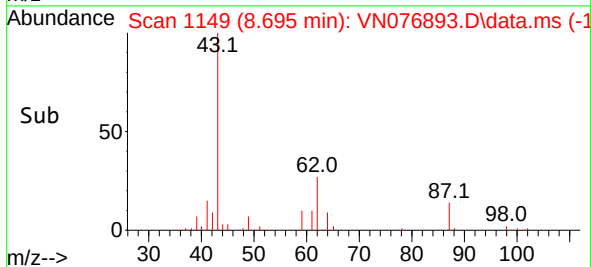
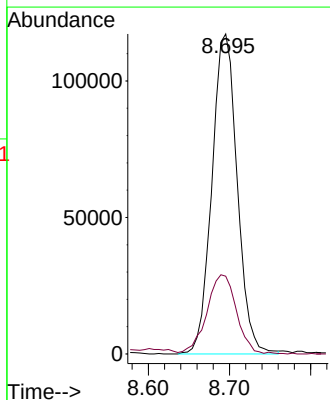
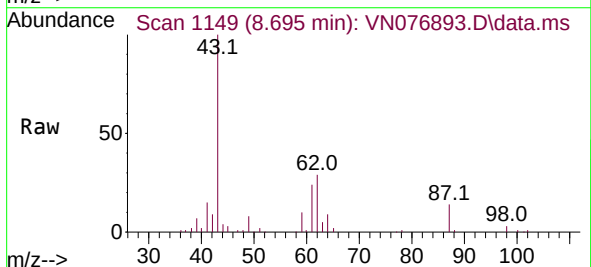
03/10/2023
Supervised By :Mahesh
Dadoda

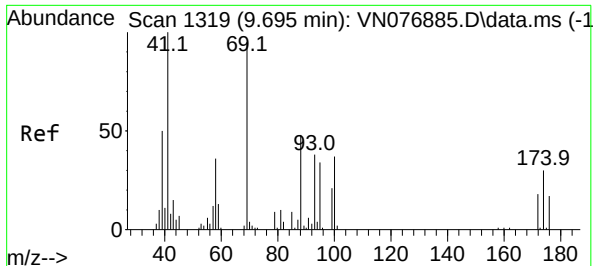
03/10/2023



#44
Isopropyl Acetate
Concen: 20.650 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

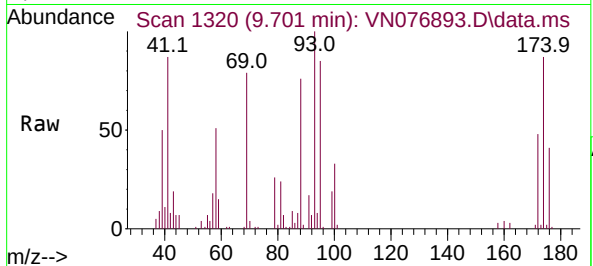
Tgt Ion: 43 Resp: 254177
Ion Ratio Lower Upper
43 100
61 28.8 19.5 29.3





#45
1,4-Dioxane
Concen: 437.451 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



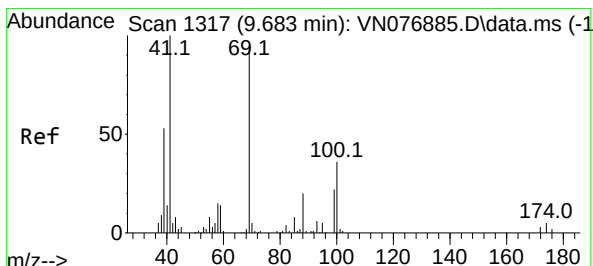
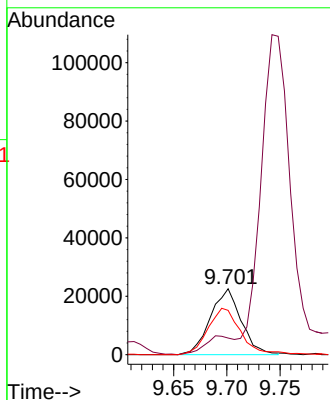
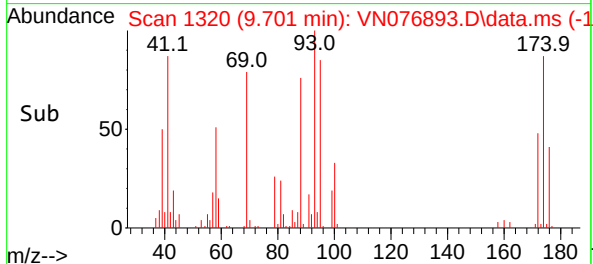
Tgt Ion: 88 Resp: 45298
Ion Ratio Lower Upper
88 100
43 26.3 26.0 39.0
58 73.0 54.3 81.5

Manual Integrations
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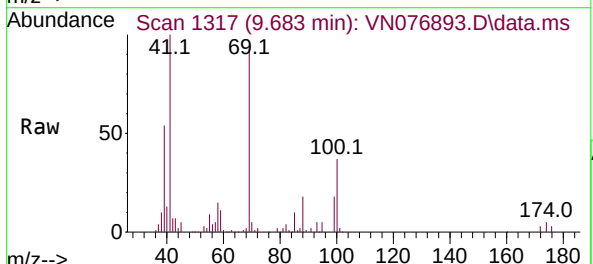
Reviewed By :John
Carlone

03/10/2023
Supervised By :Mahesh
Dadoda

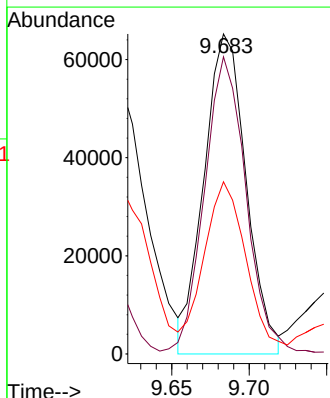
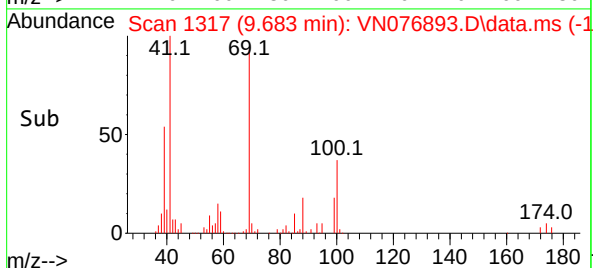
03/10/2023

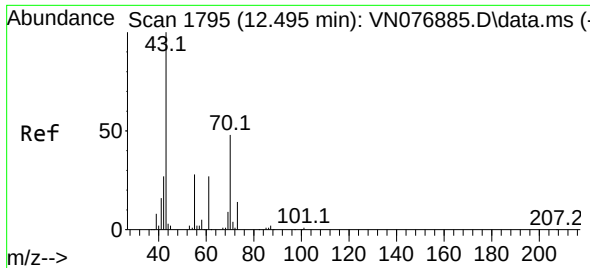


#46
Methyl methacrylate
Concen: 20.565 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59



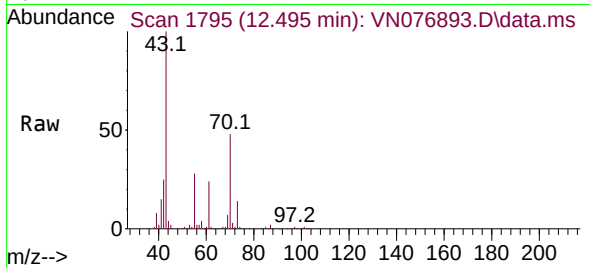
Tgt Ion: 41 Resp: 123271
Ion Ratio Lower Upper
41 100
69 94.5 40.6 121.7
39 52.7 30.5 91.5





#47
n-amy1 Acetate
Concen: 21.264 ug/l m
RT: 12.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



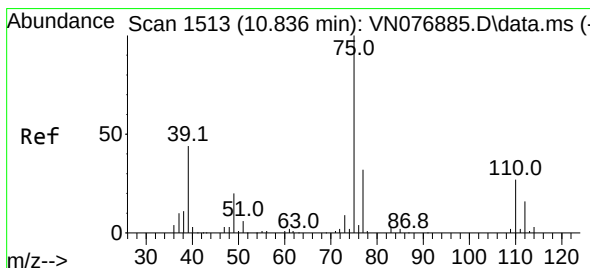
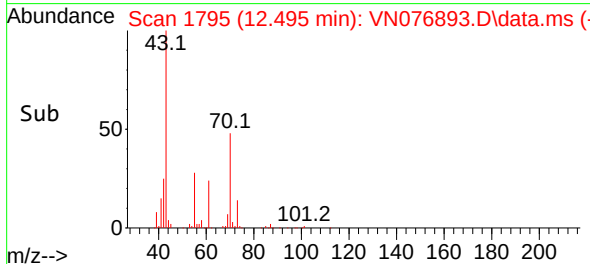
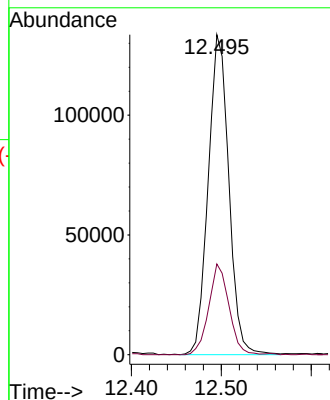
Tgt Ion: 43 Resp: 213008
Ion Ratio Lower Upper
43 100
55 0.0 18.3 27.5

Manual Integrations
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Reviewed By :John
Carlone

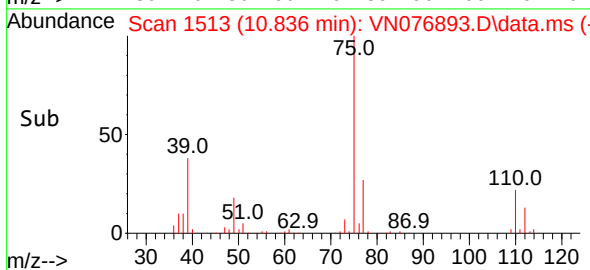
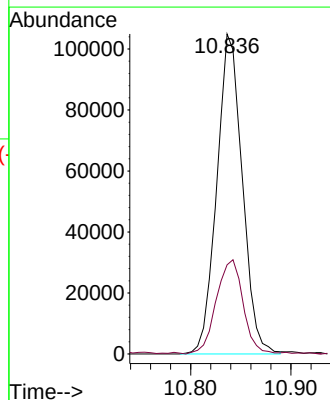
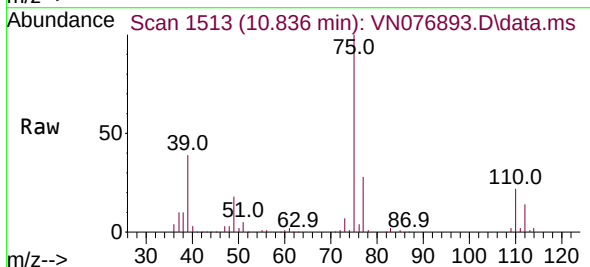
03/10/2023
Supervised By :Mahesh
Dadoda

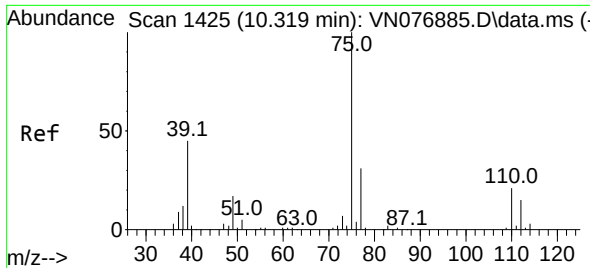
03/10/2023



#48
t-1,3-Dichloropropene
Concen: 21.778 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Tgt Ion: 75 Resp: 185030
Ion Ratio Lower Upper
75 100
77 27.6 25.4 38.2





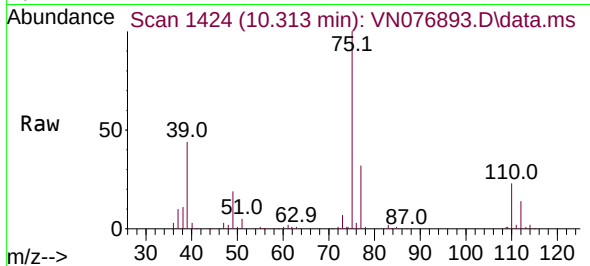
#49
 cis-1,3-Dichloropropene
 Concen: 21.110 ug/l
 RT: 10.313 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VN076893.D
 Acq: 09 Mar 2023 10:59

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01



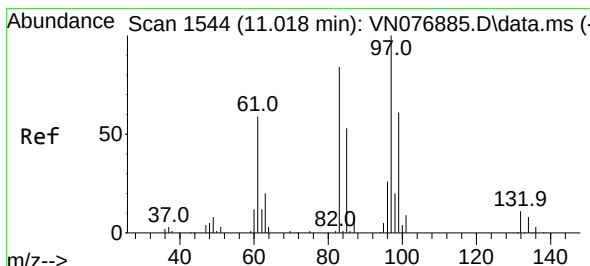
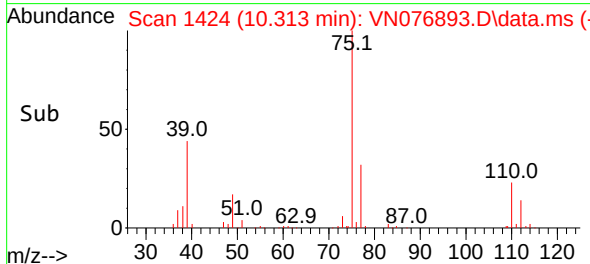
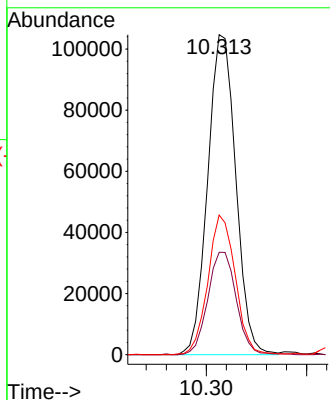
Tgt Ion: 75 Resp: 20371
 Ion Ratio Lower Upper
 75 100
 77 32.0 27.5 41.3
 39 43.4 43.5 65.3

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Reviewed By :John
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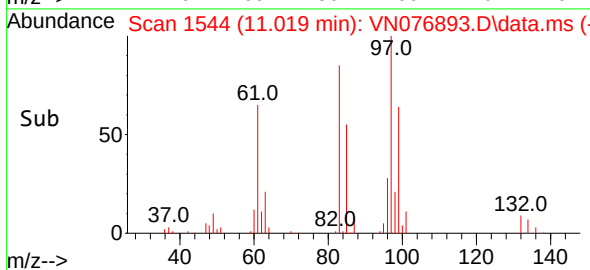
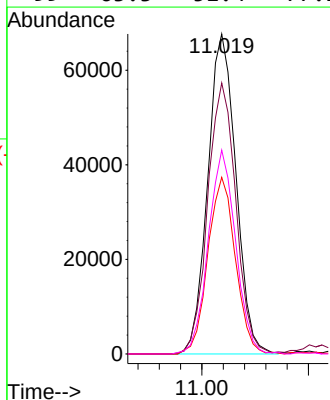
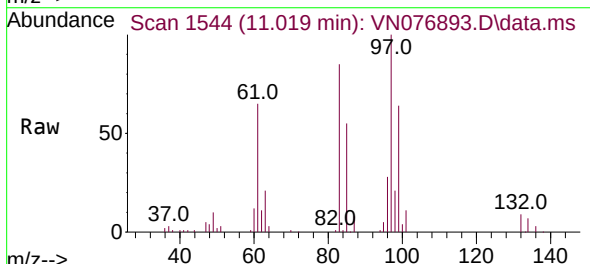
03/10/2023
 Supervised By :Mahesh
 Dadoda

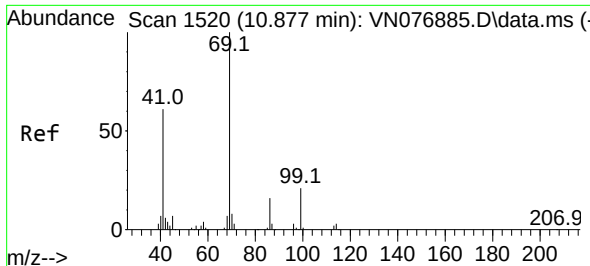
03/10/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.501 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN076893.D
 Acq: 09 Mar 2023 10:59

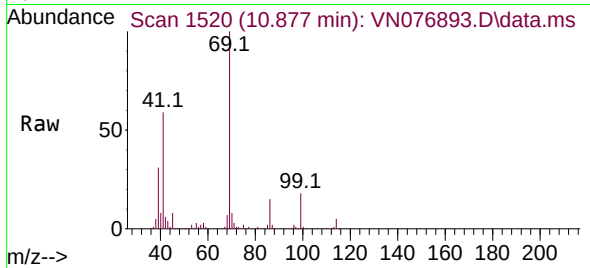
Tgt Ion: 97 Resp: 124313
 Ion Ratio Lower Upper
 97 100
 83 84.3 71.0 106.4
 85 55.2 45.5 68.3
 99 63.3 51.4 77.2





#51
Ethyl methacrylate
Concen: 21.544 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



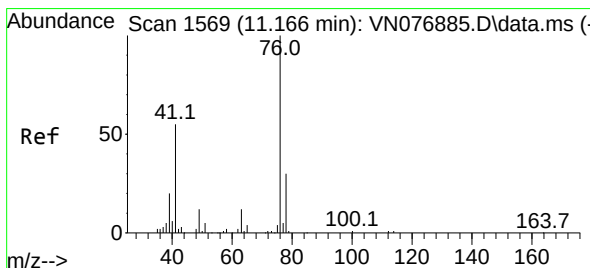
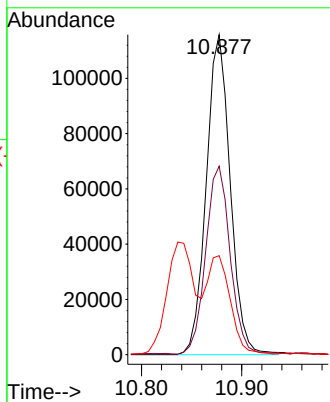
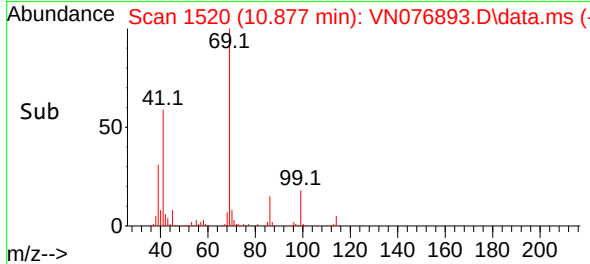
Tgt Ion: 69 Resp: 19259
Ion Ratio Lower Upper
69 100
41 58.7 36.3 108.7
39 30.6 19.9 59.7

Manual Integrations
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Reviewed By :John
Carlone

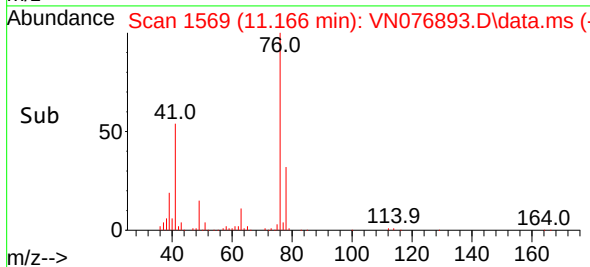
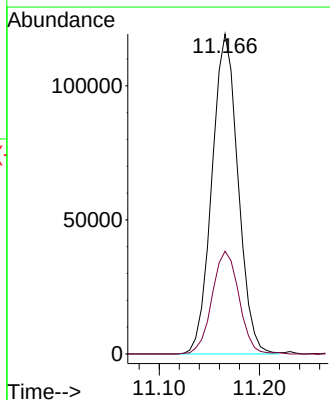
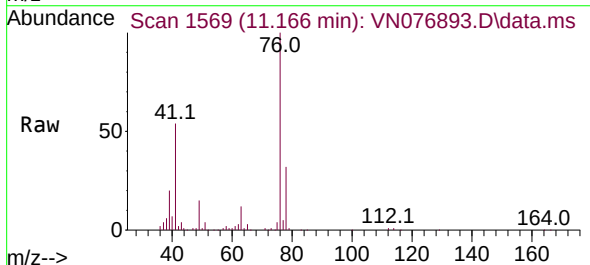
03/10/2023
Supervised By :Mahesh
Dadoda

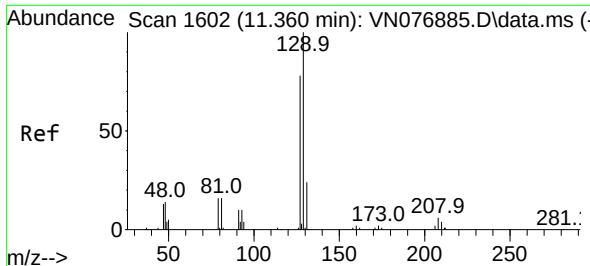
03/10/2023



#52
1,3-Dichloropropane
Concen: 20.635 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

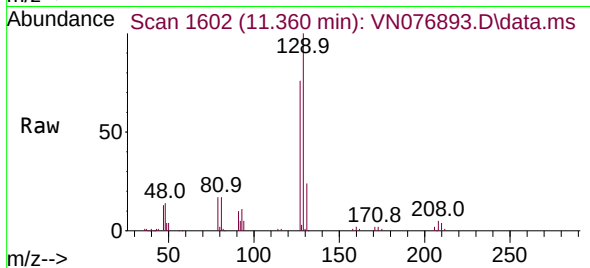
Tgt Ion: 76 Resp: 216117
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.4





#53
Dibromochloromethane
Concen: 20.959 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



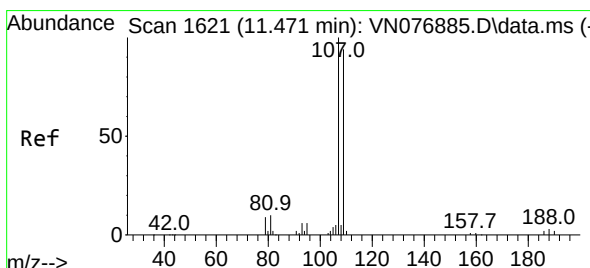
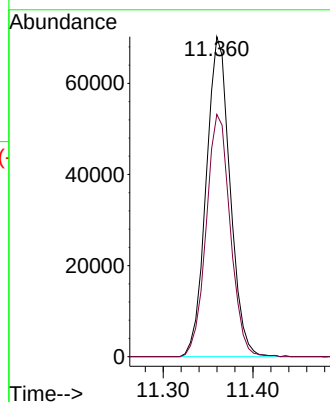
Tgt Ion:129 Resp: 12965
Ion Ratio Lower Upper
129 100
127 76.3 39.4 118.1

Manual Integrations
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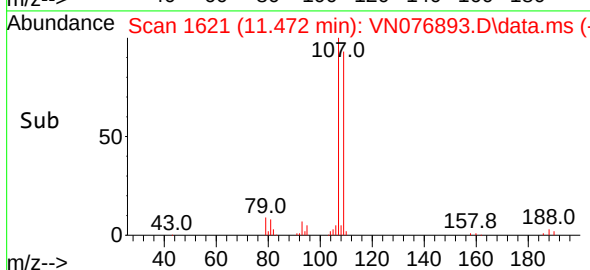
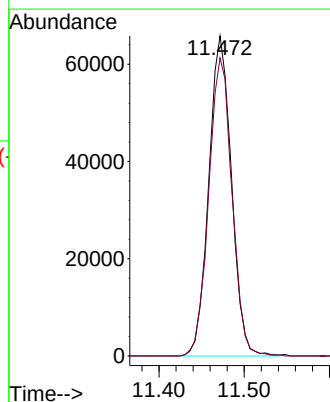
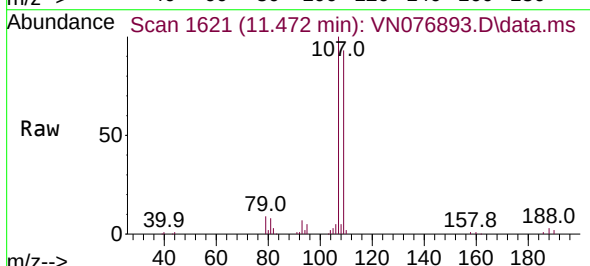
03/10/2023
Supervised By :Mahesh
Dadoda

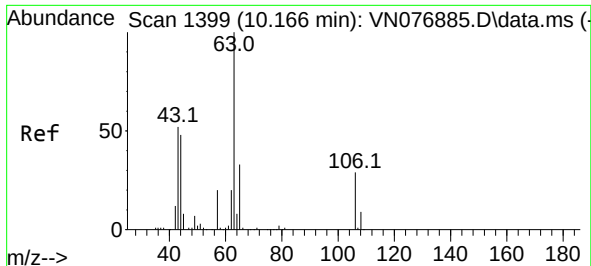
03/10/2023



#54
1,2-Dibromoethane
Concen: 20.768 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

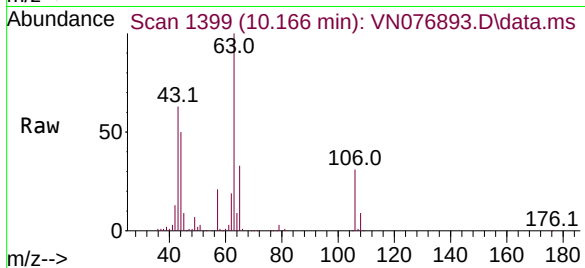
Tgt Ion:107 Resp: 121524
Ion Ratio Lower Upper
107 100
109 95.5 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 106.093 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



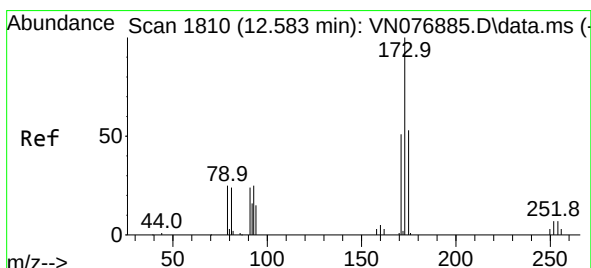
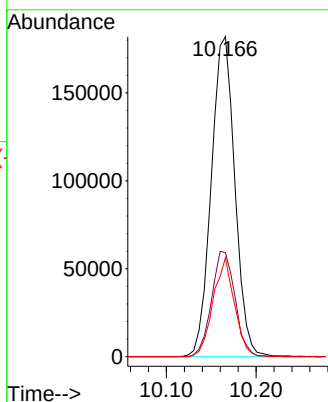
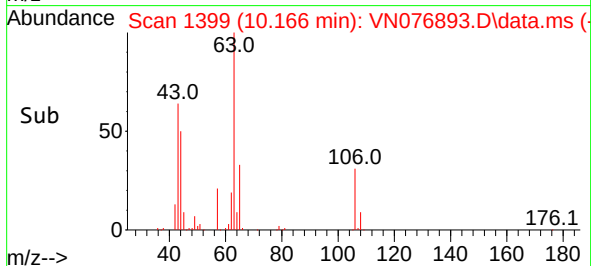
Tgt Ion: 63 Resp: 332524
Ion Ratio Lower Upper
63 100
65 32.6 26.3 39.5
106 27.9 21.6 32.4

Manual Integrations
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Reviewed By :John
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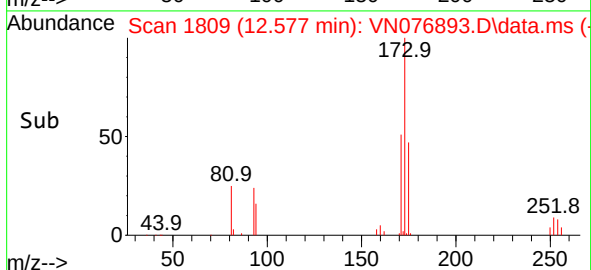
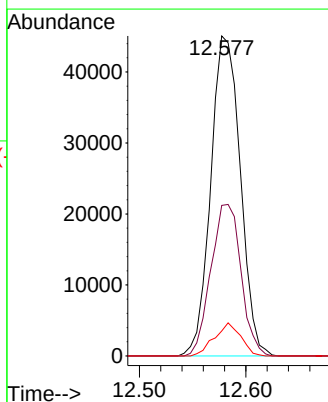
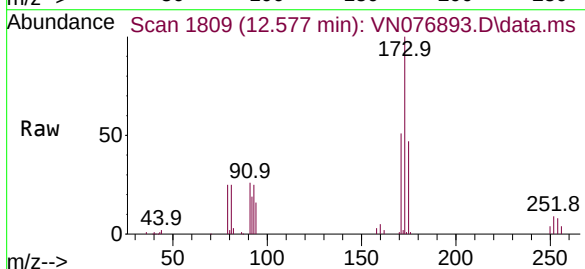
03/10/2023
Supervised By :Mahesh
Dadoda

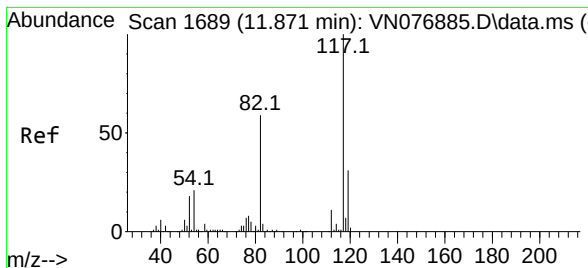
03/10/2023



#56
Bromoform
Concen: 20.984 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

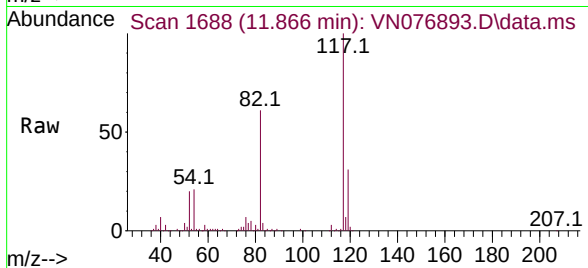
Tgt Ion:173 Resp: 86844
Ion Ratio Lower Upper
173 100
175 48.3 37.8 56.6
254 9.2 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



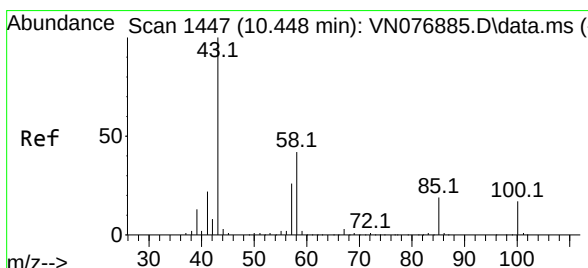
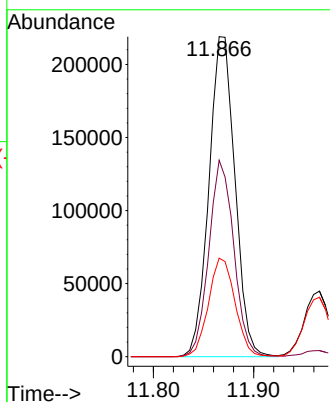
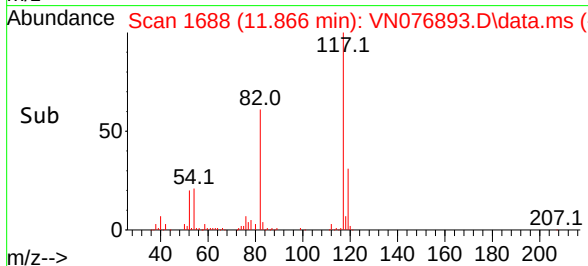
Tgt Ion: 117 Resp: 39572
Ion Ratio Lower Upper
117 100
82 59.0 45.4 68.0
119 31.4 26.8 40.2

Manual Integrations
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Reviewed By :John
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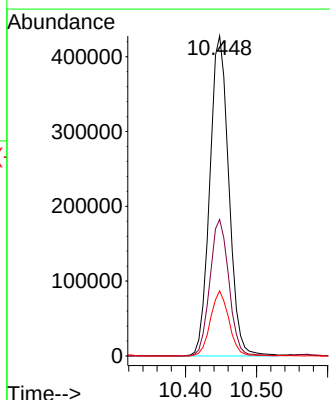
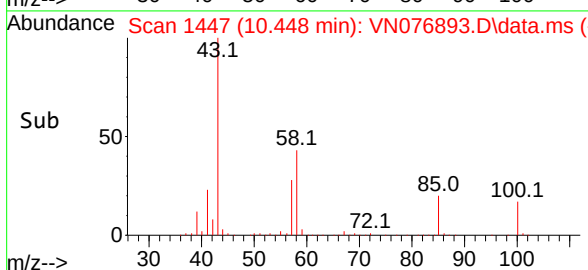
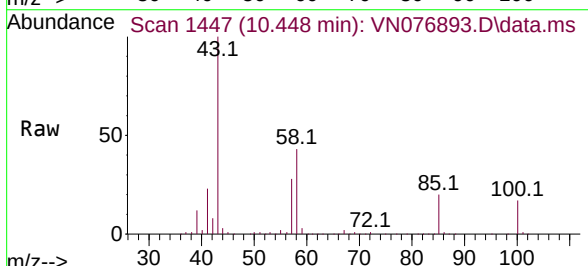
03/10/2023
Supervised By :Mahesh
Dadoda

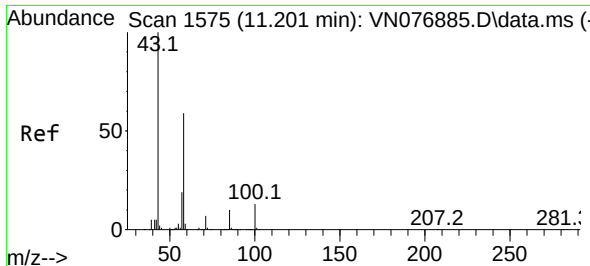
03/10/2023



#58
4-Methyl-2-Pentanone
Concen: 99.518 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

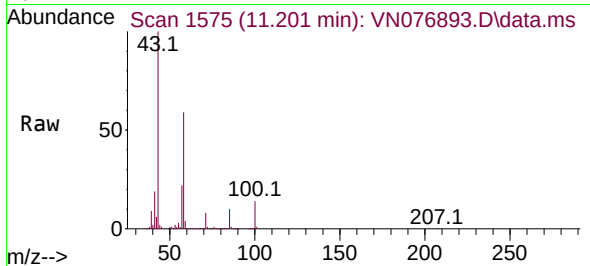
Tgt Ion: 43 Resp: 795557
Ion Ratio Lower Upper
43 100
58 42.6 28.6 42.8
85 19.7 11.8 17.8#





#59
2-Hexanone
Concen: 102.210 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



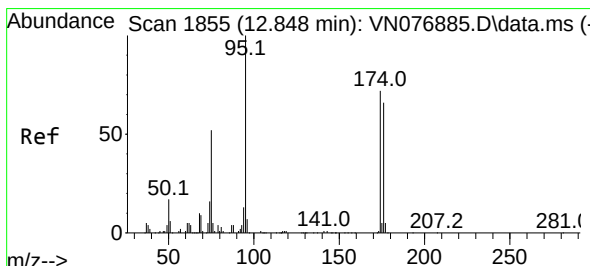
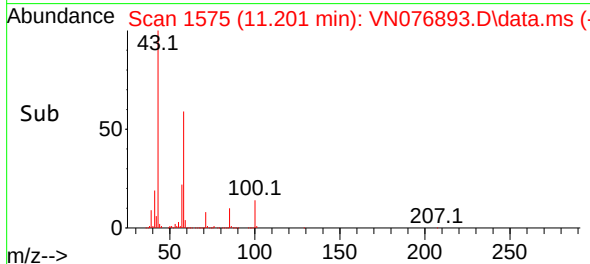
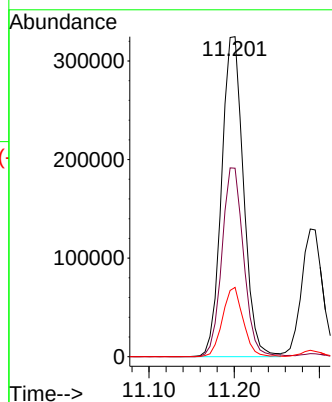
Tgt Ion: 43 Resp: 580435
Ion Ratio Lower Upper
43 100
58 58.6 40.6 60.8
57 20.4 13.1 19.7

Manual Integrations
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Reviewed By :John
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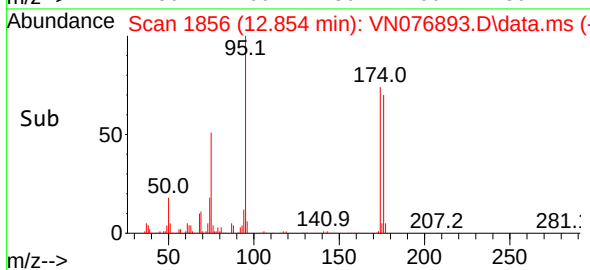
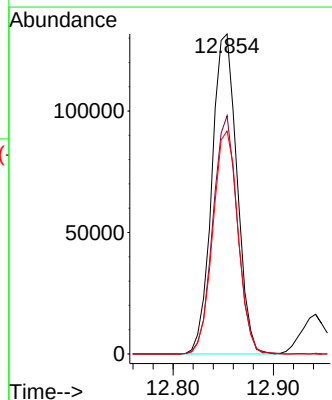
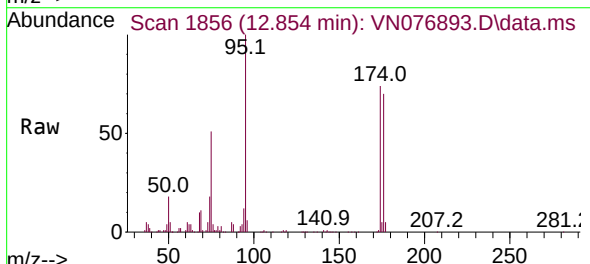
03/10/2023
Supervised By :Mahesh
Dadoda

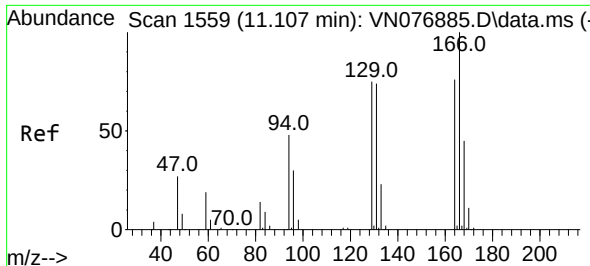
03/10/2023



#60
4-Bromofluorobenzene
Concen: 30.516 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

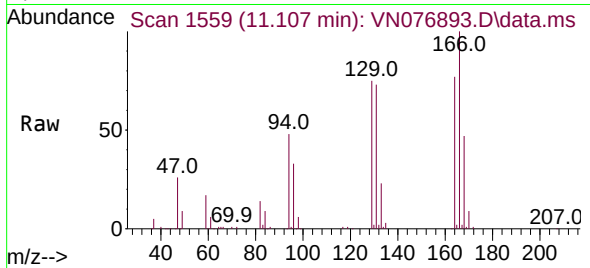
Tgt Ion: 95 Resp: 228550
Ion Ratio Lower Upper
95 100
174 72.3 64.2 96.4
176 70.2 61.4 92.0





#61
Tetrachloroethene
Concen: 18.991 ug/l
RT: 11.107 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



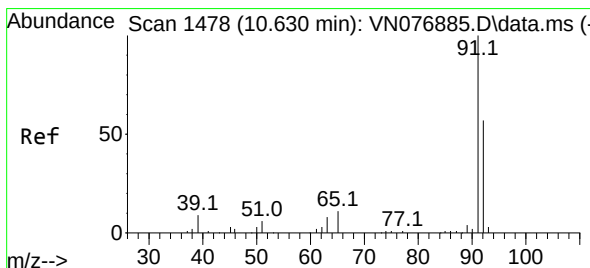
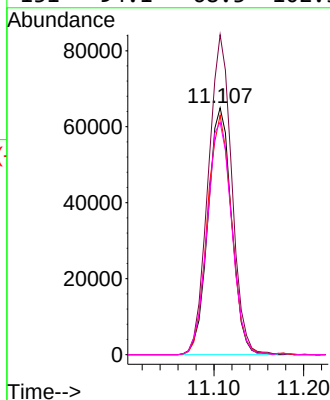
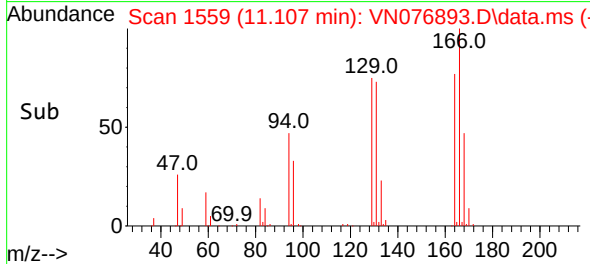
Tgt Ion:164 Resp: 11863
Ion Ratio Lower Upper
164 100
166 129.6 96.2 144.2
129 96.9 78.2 117.4
131 94.1 68.3 102.5

Manual Integrations
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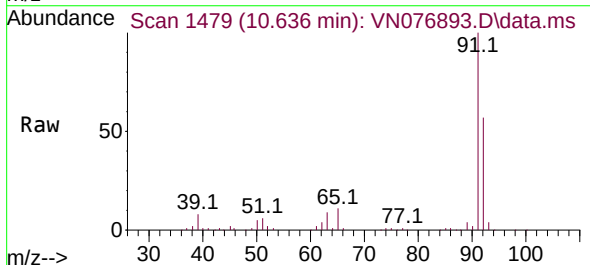
Reviewed By :John
Carlone

03/10/2023
Supervised By :Mahesh
Dadoda

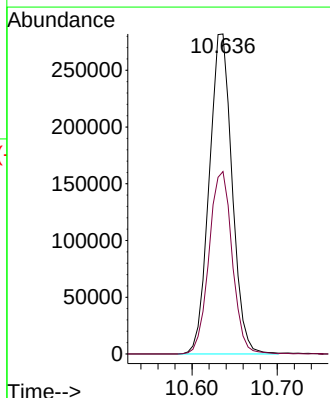
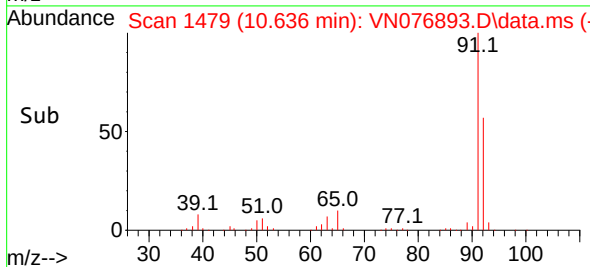
03/10/2023

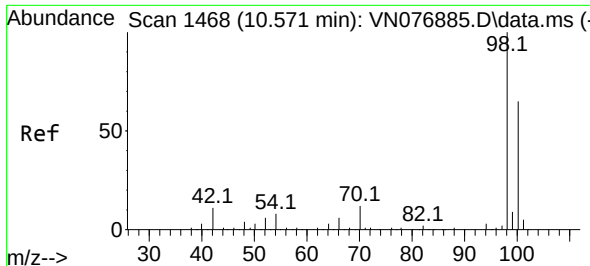


#62
Toluene
Concen: 19.322 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59



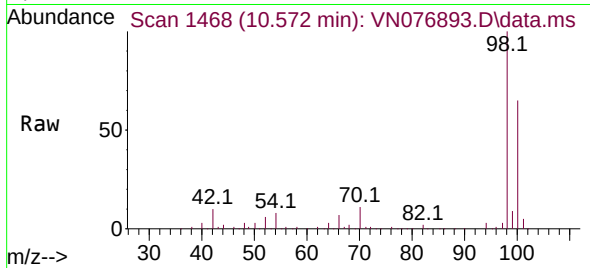
Tgt Ion: 91 Resp: 526858
Ion Ratio Lower Upper
91 100
92 57.7 46.3 69.5





#63
Toluene-d8
Concen: 28.962 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



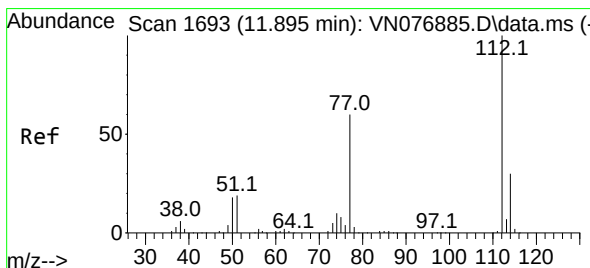
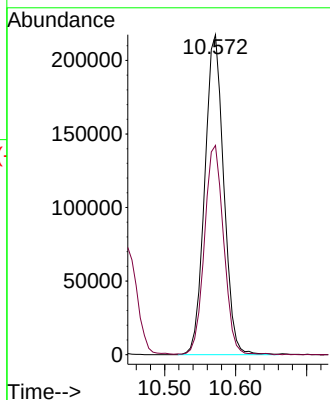
Tgt Ion: 98 Resp: 403108
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.6

Manual Integrations
APPROVED

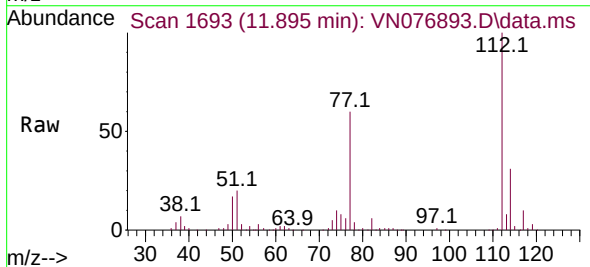
Reviewed By :John
Carlone

03/10/2023
Supervised By :Mahesh
Dadoda

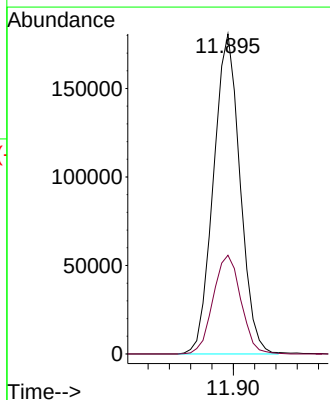
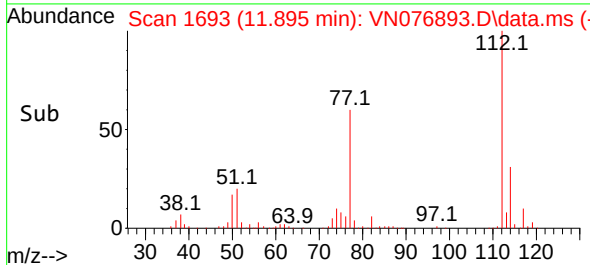
03/10/2023

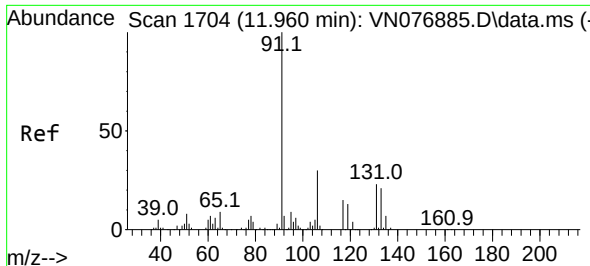


#64
Chlorobenzene
Concen: 19.521 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59



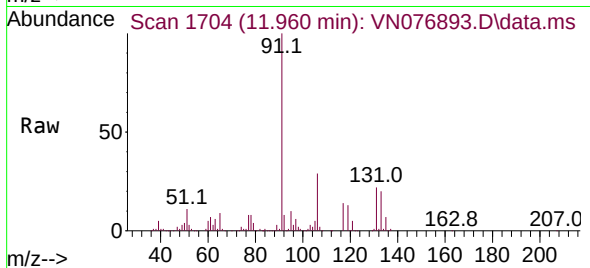
Tgt Ion:112 Resp: 313332
Ion Ratio Lower Upper
112 100
114 30.9 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 19.746 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



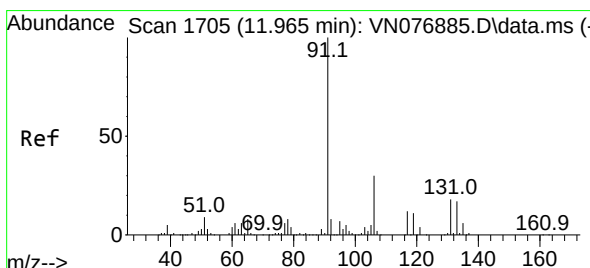
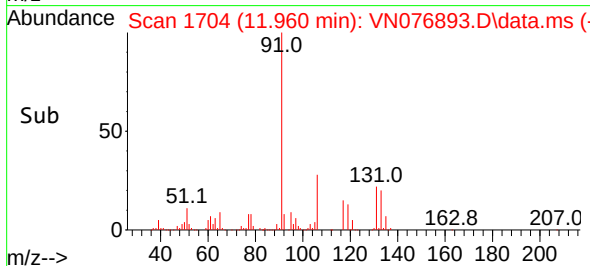
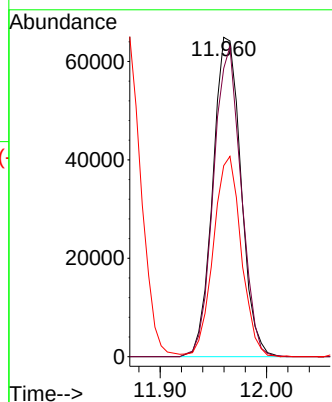
Tgt Ion:131 Resp: 11904
Ion Ratio Lower Upper
131 100
133 95.0 0.0 197.6
119 62.0 0.0 127.8

Manual Integrations
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Reviewed By :John
Carlone

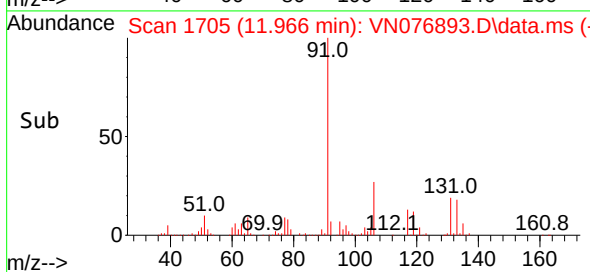
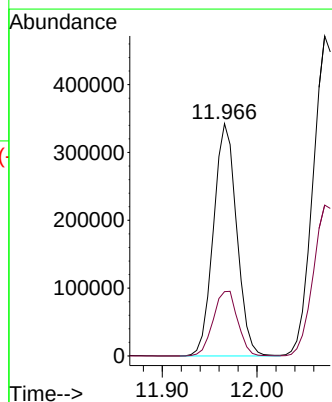
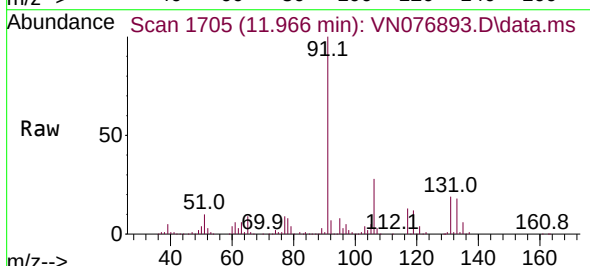
03/10/2023
Supervised By :Mahesh
Dadoda

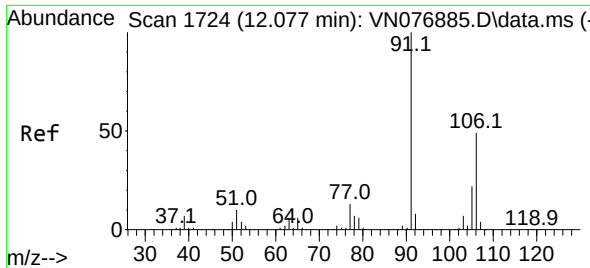
03/10/2023



#66
Ethyl Benzene
Concen: 19.696 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Tgt Ion: 91 Resp: 583092
Ion Ratio Lower Upper
91 100
106 27.7 23.8 35.8





#67
m/p-Xylenes
Concen: 39.355 ug/l
RT: 12.072 min Scan# 1724
Delta R.T. 0.001 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

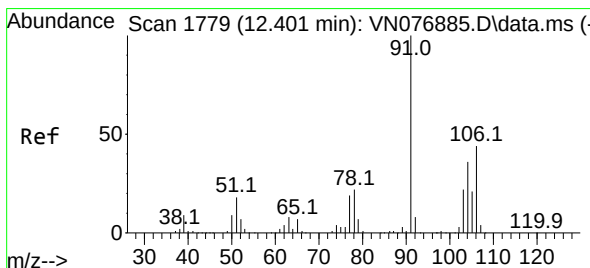
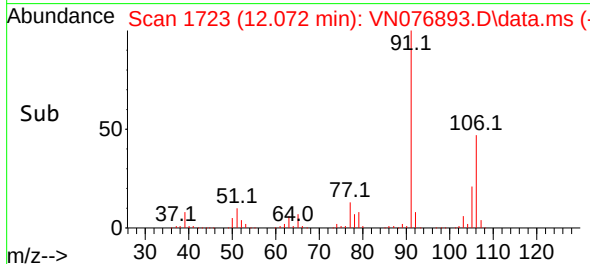
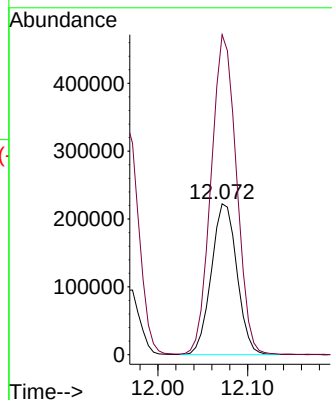
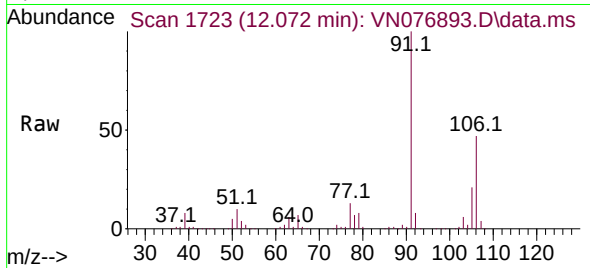
Tgt Ion:106 Resp: 441324
Ion Ratio Lower Upper
106 100
91 210.5 157.4 236.2

Manual Integrations
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Reviewed By :John
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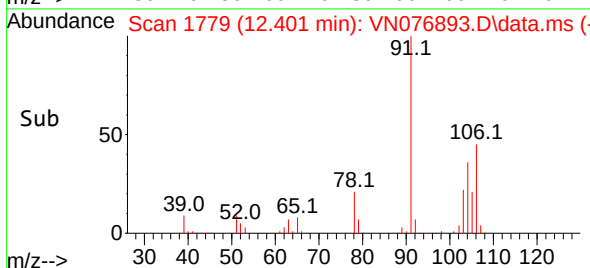
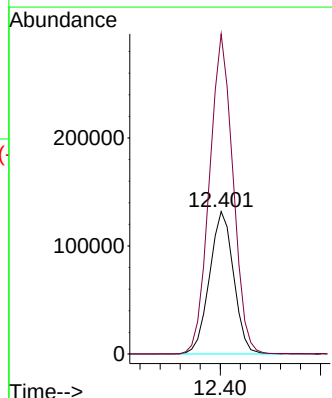
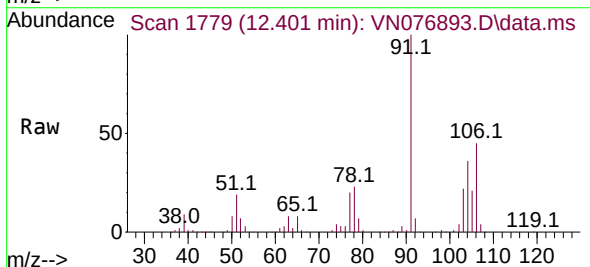
03/10/2023
Supervised By :Mahesh
Dadoda

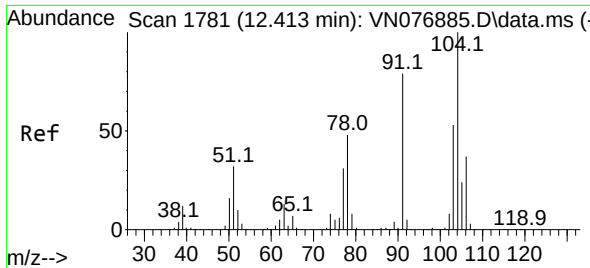
03/10/2023



#68
o-Xylene
Concen: 20.109 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Tgt Ion:106 Resp: 220165
Ion Ratio Lower Upper
106 100
91 219.5 107.2 321.6





#69
Styrene
Concen: 20.578 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

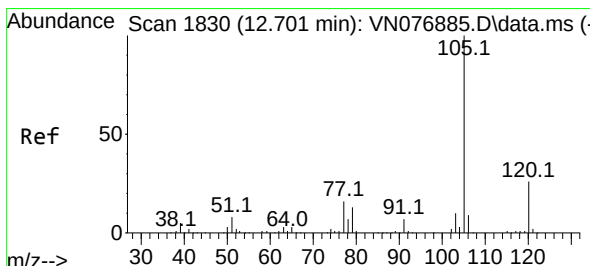
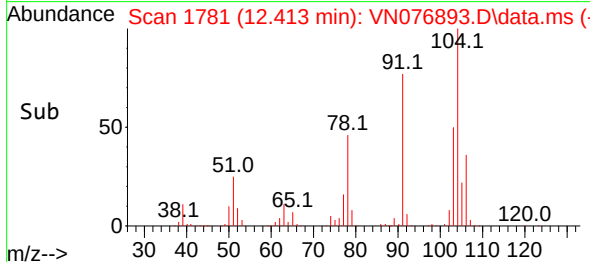
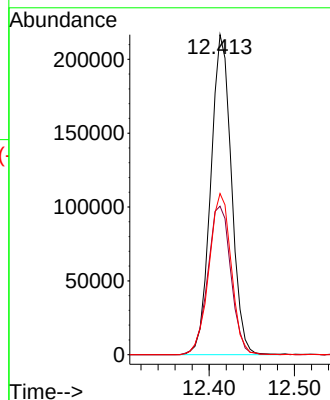
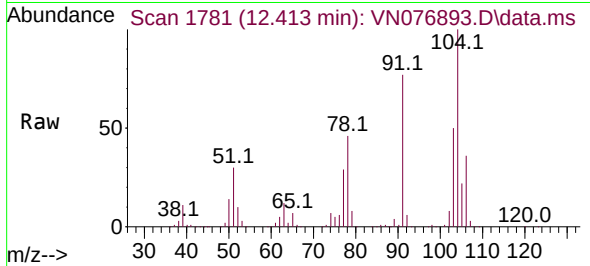
Tgt Ion:104 Resp: 365399
Ion Ratio Lower Upper
104 100
78 52.0 39.6 59.4
103 54.2 43.9 65.9

Manual Integrations
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Reviewed By :John
Carlone

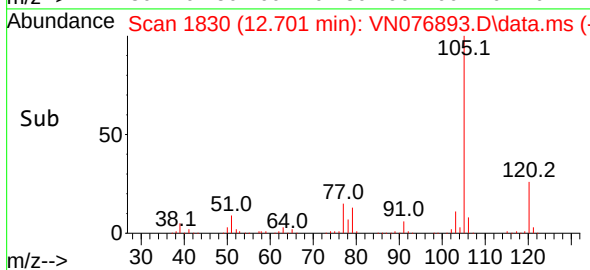
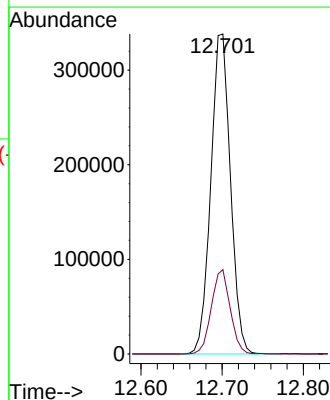
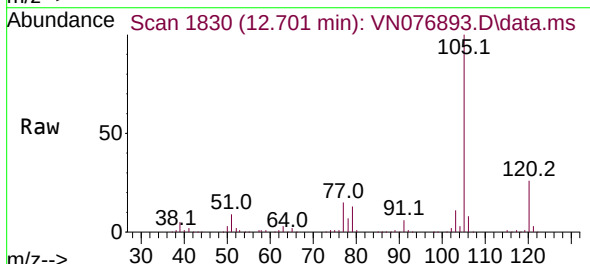
03/10/2023
Supervised By :Mahesh
Dadoda

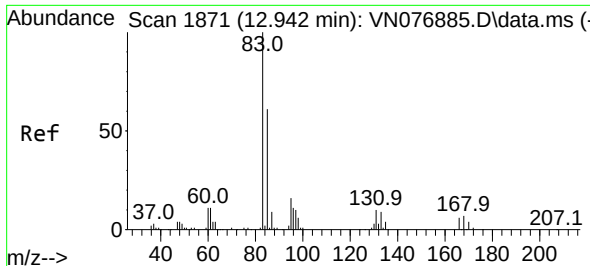
03/10/2023



#70
Isopropylbenzene
Concen: 19.962 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

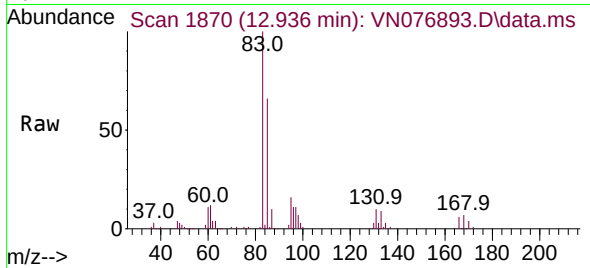
Tgt Ion:105 Resp: 568647
Ion Ratio Lower Upper
105 100
120 25.2 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 19.459 ug/l
RT: 12.936 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



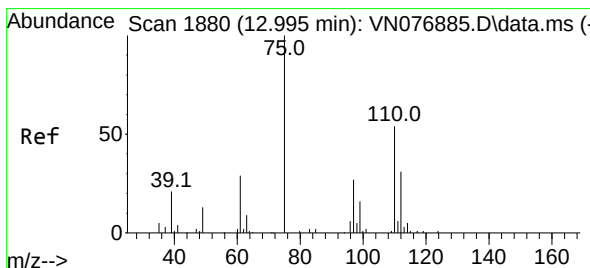
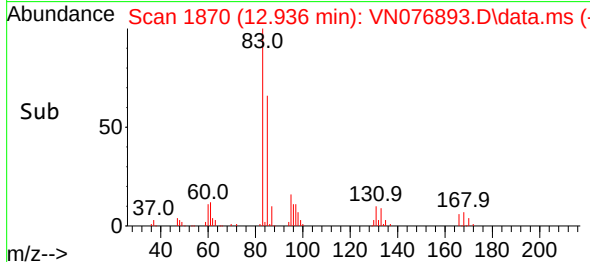
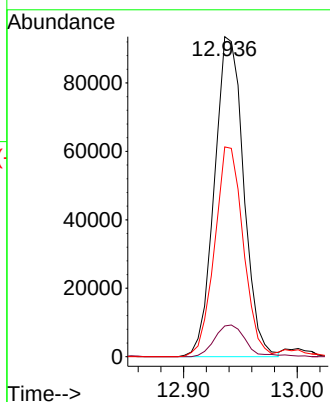
Tgt Ion: 83 Resp: 167135
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 64.3 32.3 96.9

Manual Integrations
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Reviewed By :John
Carlone

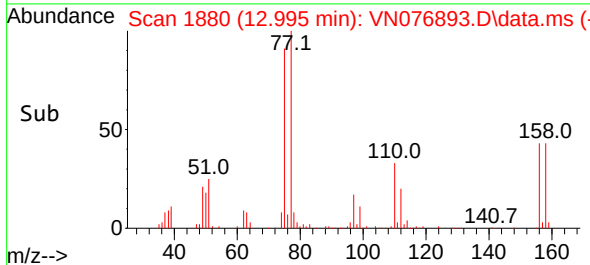
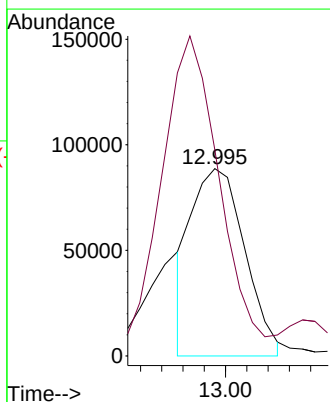
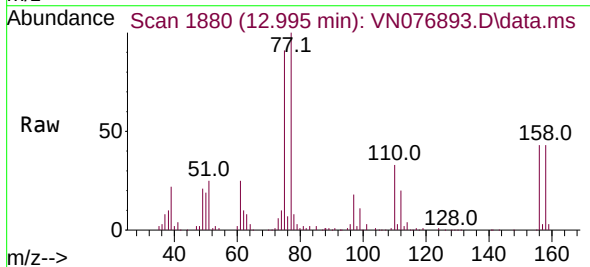
03/10/2023
Supervised By :Mahesh
Dadoda

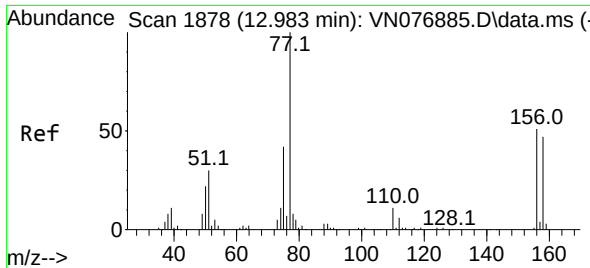
03/10/2023



#72
1,2,3-Trichloropropane
Concen: 19.704 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

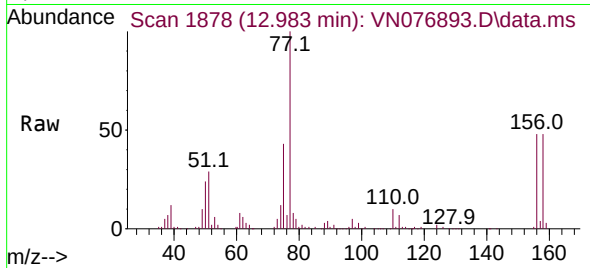
Tgt Ion: 75 Resp: 155246
Ion Ratio Lower Upper
75 100
77 186.6 0.0 332.6





#73
Bromobenzene
Concen: 19.898 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



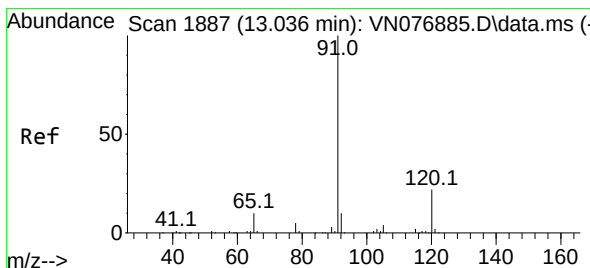
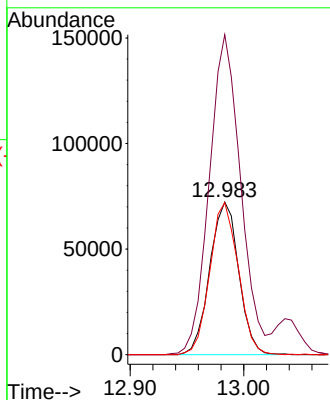
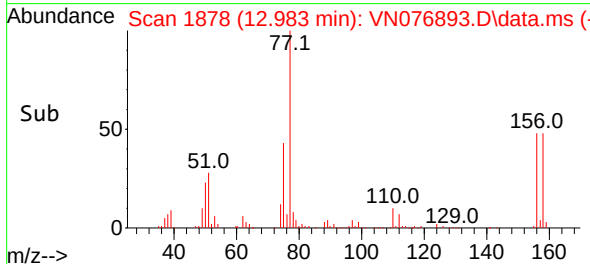
Tgt Ion:156 Resp: 127914
Ion Ratio Lower Upper
156 100
77 226.5 0.0 423.0
158 97.6 0.0 188.6

Manual Integrations
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Reviewed By :John
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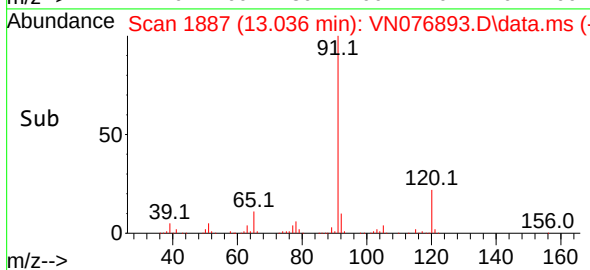
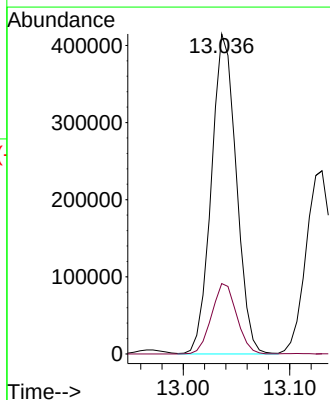
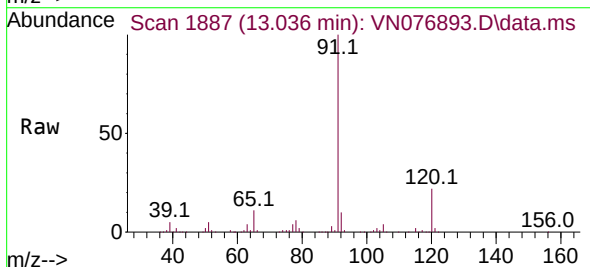
03/10/2023
Supervised By :Mahesh
Dadoda

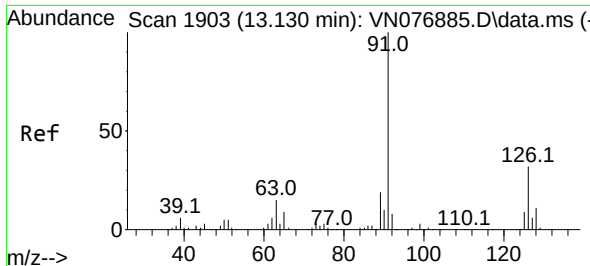
03/10/2023



#74
n-propylbenzene
Concen: 20.081 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Tgt Ion: 91 Resp: 675222
Ion Ratio Lower Upper
91 100
120 22.1 0.0 44.0





#75
2-Chlorotoluene
Concen: 20.031 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

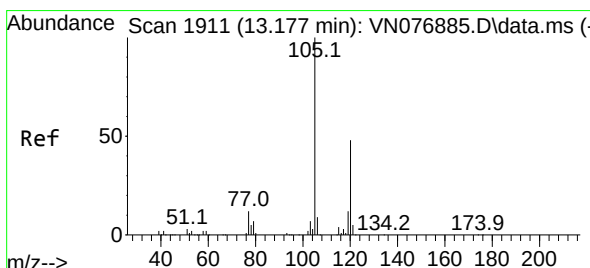
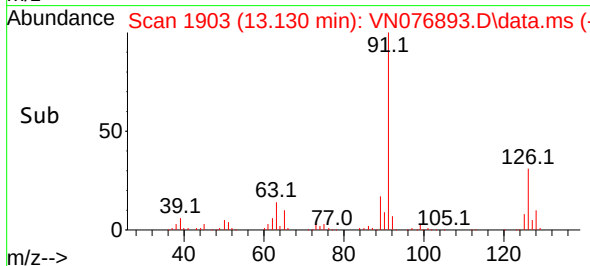
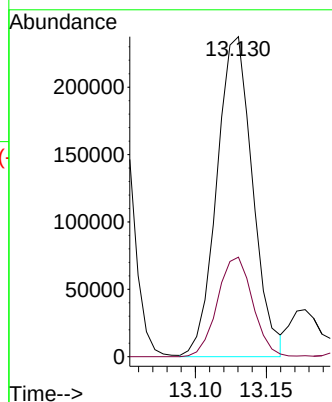
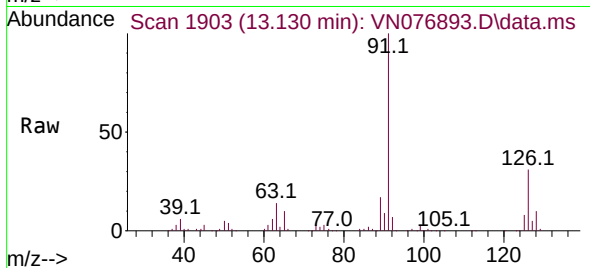
Tgt Ion: 91 Resp: 41653
Ion Ratio Lower Upper
91 100
126 30.6 0.0 66.4

Manual Integrations
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Reviewed By :John
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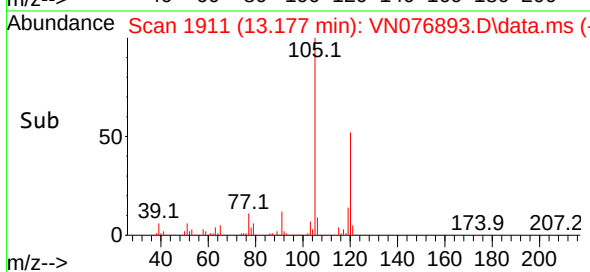
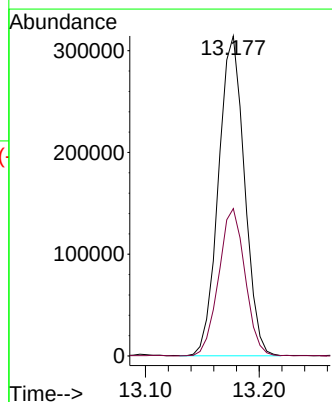
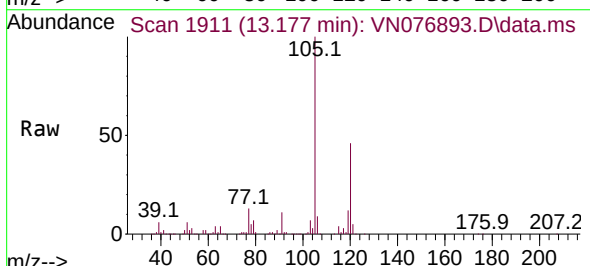
03/10/2023
Supervised By :Mahesh
Dadoda

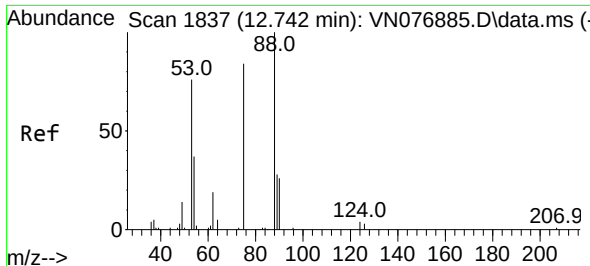
03/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.269 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

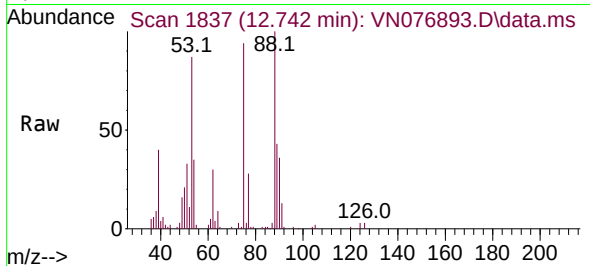
Tgt Ion:105 Resp: 499766
Ion Ratio Lower Upper
105 100
120 46.7 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 21.170 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



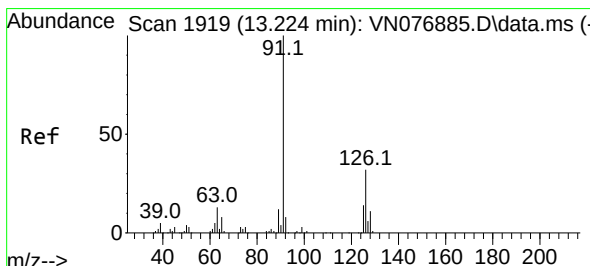
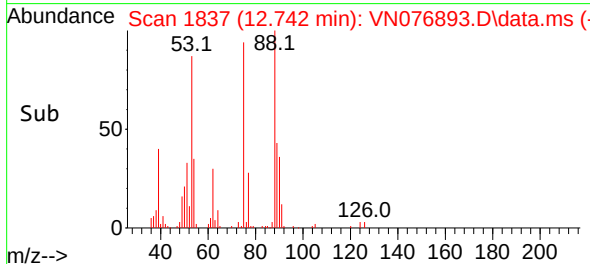
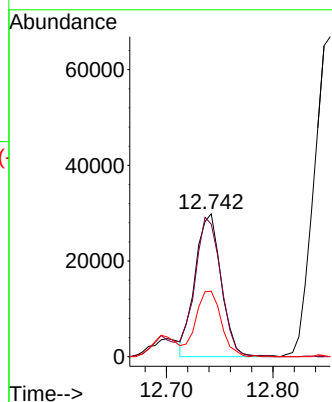
Tgt Ion: 75 Resp: 50917
Ion Ratio Lower Upper
75 100
53 92.8 50.4 151.3
89 45.8 22.1 66.5

Manual Integrations
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Reviewed By :John
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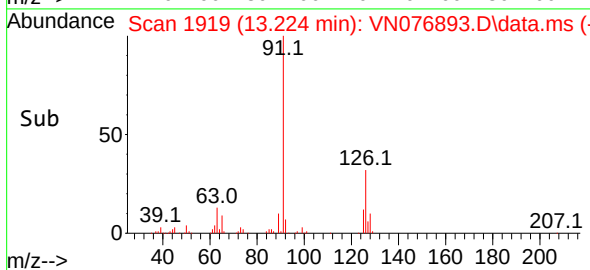
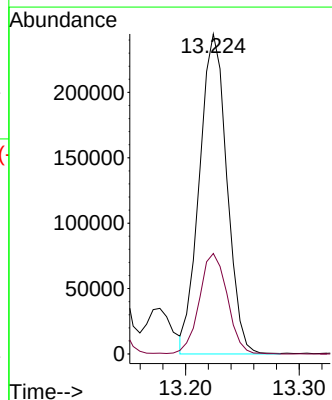
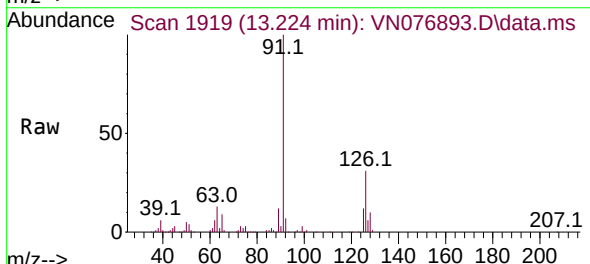
03/10/2023
Supervised By :Mahesh
Dadoda

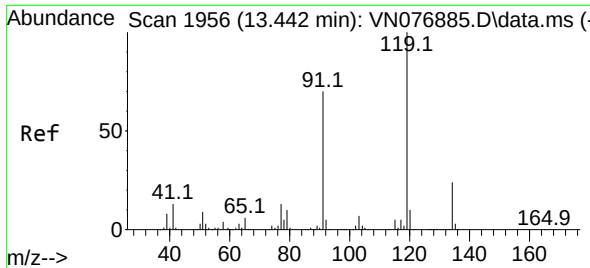
03/10/2023



#78
4-Chlorotoluene
Concen: 20.499 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

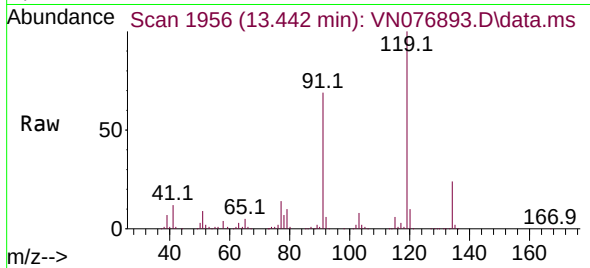
Tgt Ion: 91 Resp: 410899
Ion Ratio Lower Upper
91 100
126 31.9 0.0 70.6





#79
tert-butylbenzene
Concen: 19.717 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



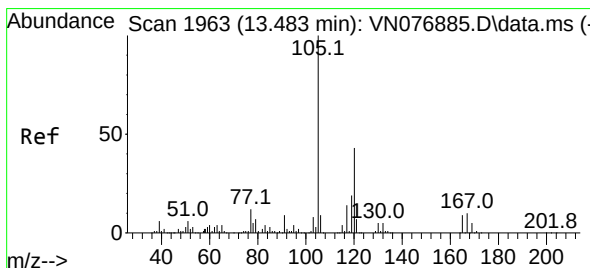
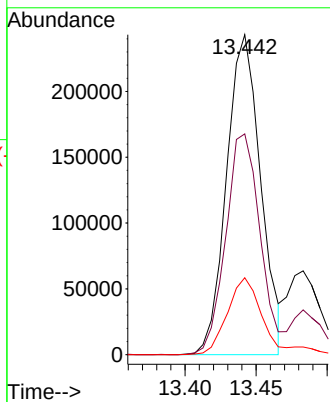
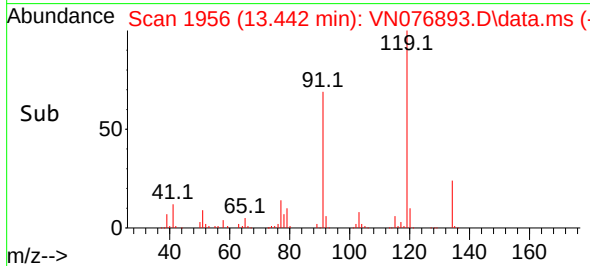
Tgt Ion:119 Resp: 406530
Ion Ratio Lower Upper
119 100
91 69.0 0.0 129.6
134 23.7 0.0 47.8

Manual Integrations
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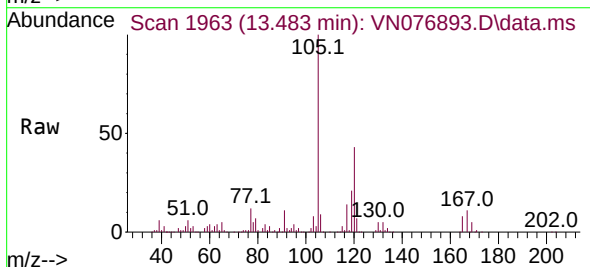
Reviewed By :John
Carlone

03/10/2023
Supervised By :Mahesh
Dadoda

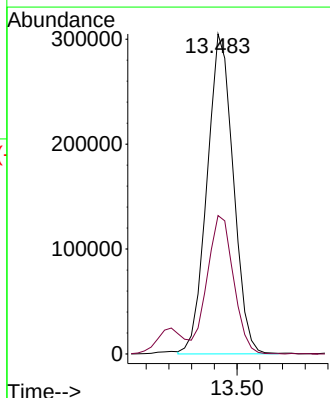
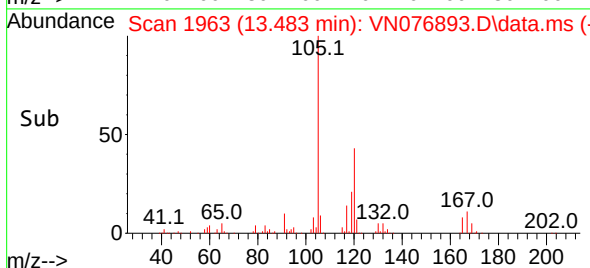
03/10/2023

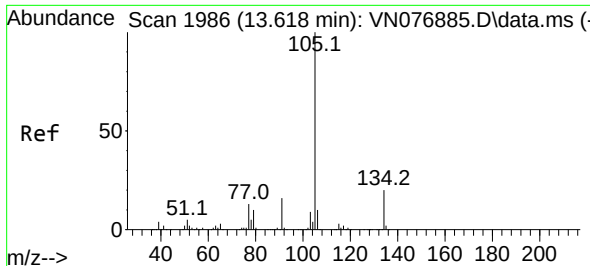


#80
1,2,4-Trimethylbenzene
Concen: 20.201 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59



Tgt Ion:105 Resp: 489490
Ion Ratio Lower Upper
105 100
120 43.0 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 20.507 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076893.D
 Acq: 09 Mar 2023 10:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0309WBSD01

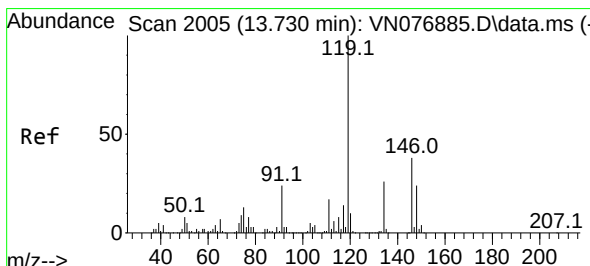
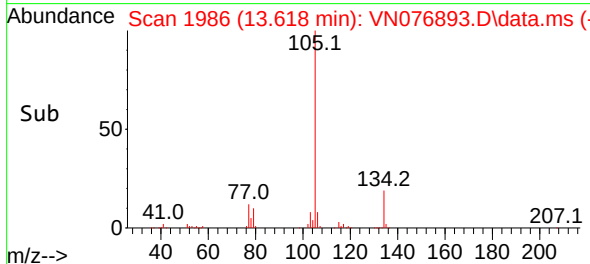
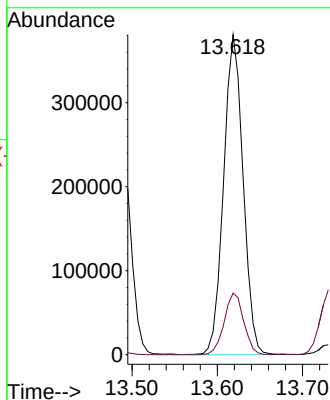
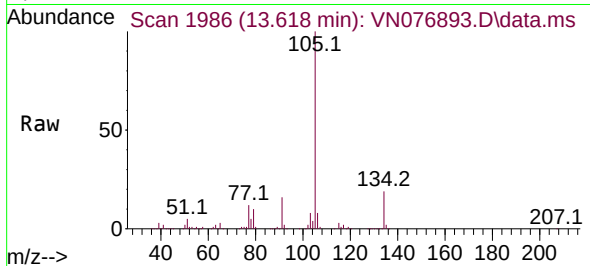
Tgt Ion:105 Resp: 60496
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.4

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

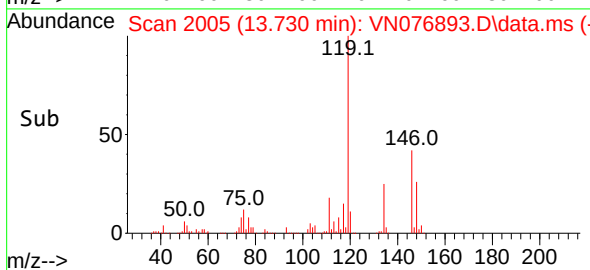
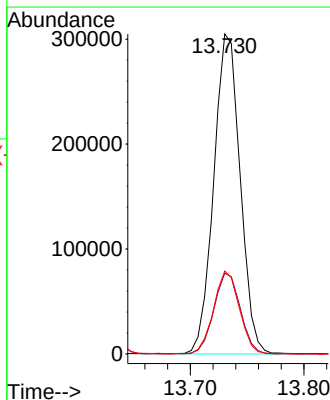
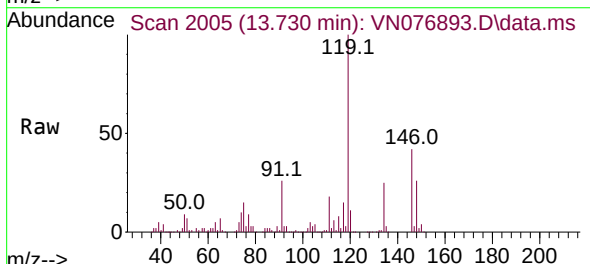
03/10/2023
 Supervised By :Mahesh
 Dadoda

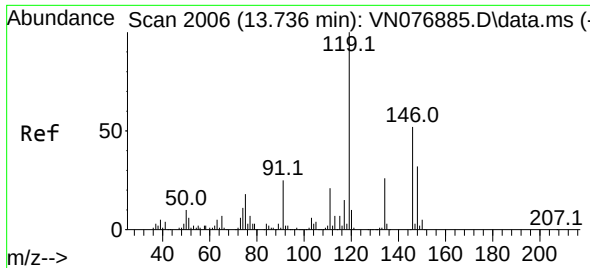
03/10/2023



#82
 p-Isopropyltoluene
 Concen: 20.676 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076893.D
 Acq: 09 Mar 2023 10:59

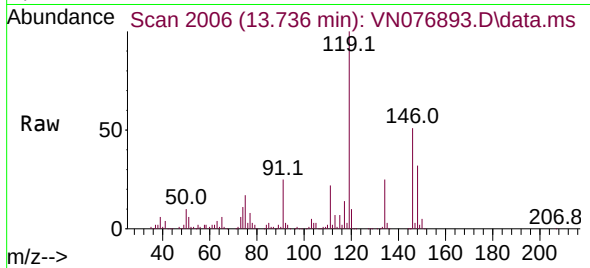
Tgt Ion:119 Resp: 492972
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 53.4
 91 25.2 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 20.763 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



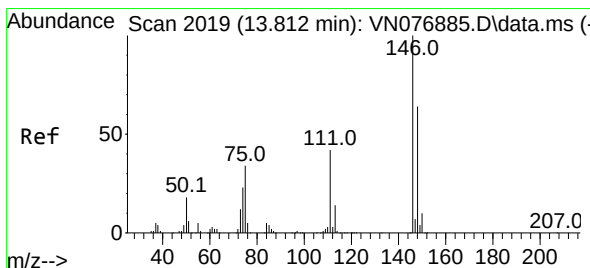
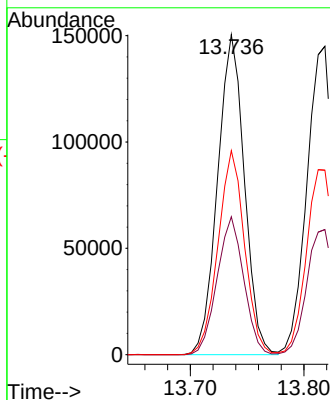
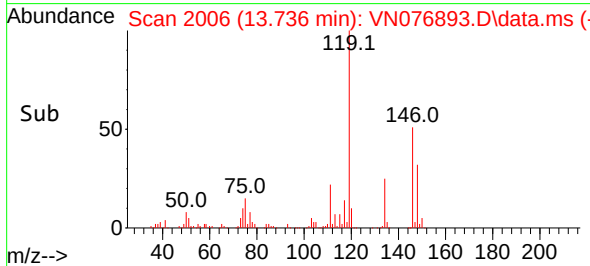
Tgt Ion:146 Resp: 24695
Ion Ratio Lower Upper
146 100
111 42.8 20.3 60.8
148 63.2 31.9 95.5

Manual Integrations
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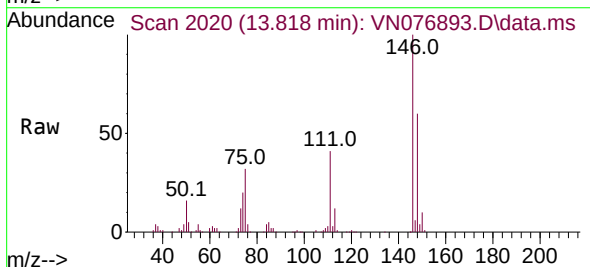
Reviewed By :John
Carlone

03/10/2023
Supervised By :Mahesh
Dadoda

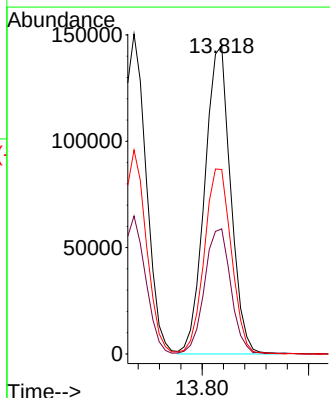
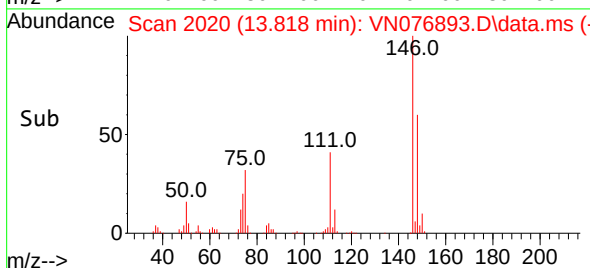
03/10/2023

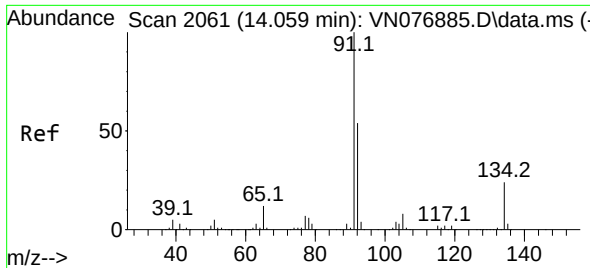


#84
1,4-Dichlorobenzene
Concen: 21.244 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.005 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59



Tgt Ion:146 Resp: 245443
Ion Ratio Lower Upper
146 100
111 40.9 18.2 54.6
148 62.7 31.1 93.2





#85
n-Butylbenzene
Concen: 21.735 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01

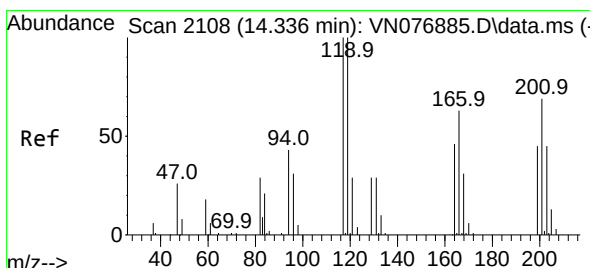
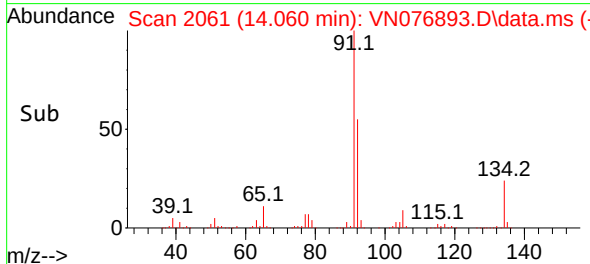
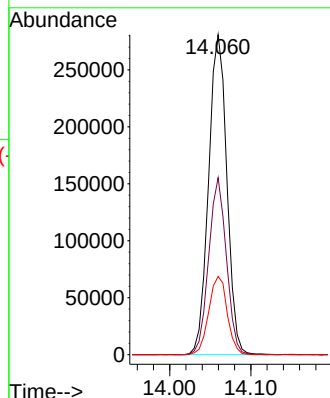
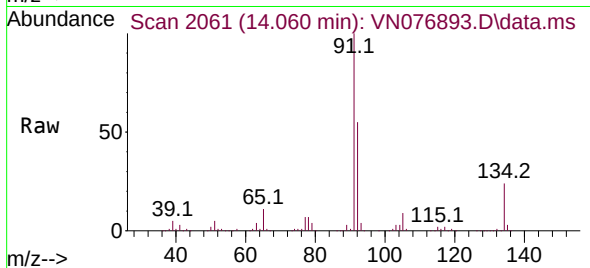
Tgt Ion: 91 Resp: 439268
Ion Ratio Lower Upper
91 100
92 53.5 0.0 103.2
134 24.7 0.0 50.0

Manual Integrations
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Reviewed By :John
Carlone

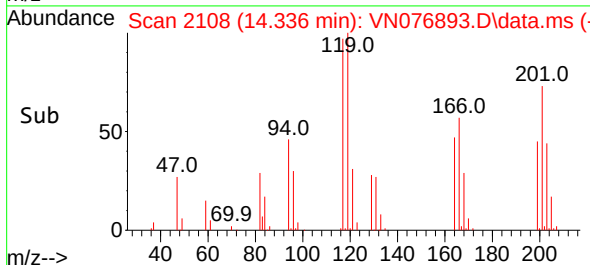
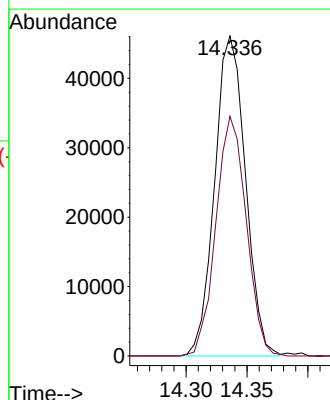
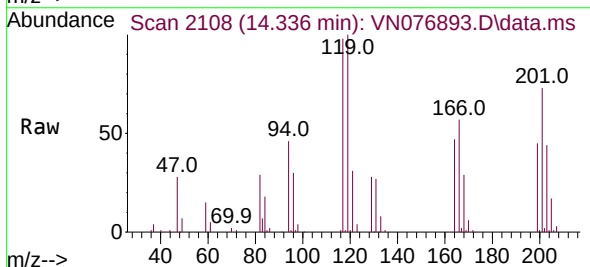
03/10/2023
Supervised By :Mahesh
Dadoda

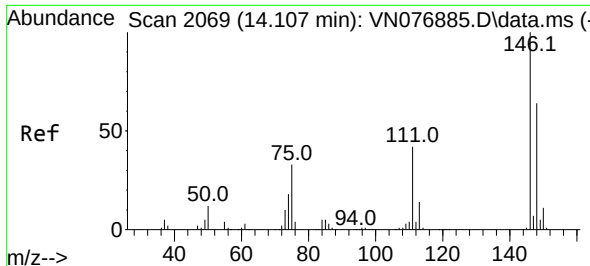
03/10/2023



#86
Hexachloroethane
Concen: 19.089 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Tgt Ion:117 Resp: 81265
Ion Ratio Lower Upper
117 100
201 73.7 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 20.193 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076893.D

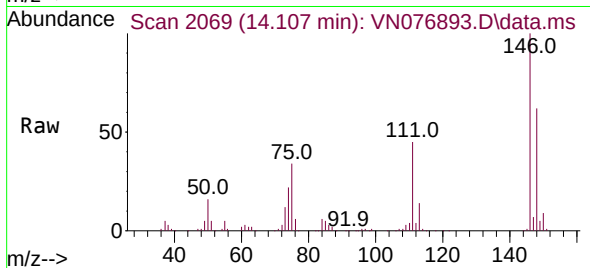
Acq: 09 Mar 2023 10:59

Instrument :

MSVOA_N

ClientSampleId :

VN0309WBSD01



Tgt Ion:146 Resp: 23951

Ion	Ratio	Lower	Upper
146	100		
111	45.5	20.5	61.6
148	62.2	32.5	97.5

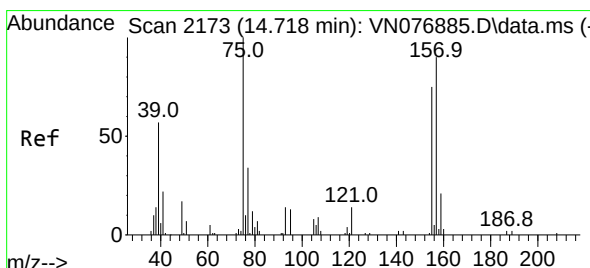
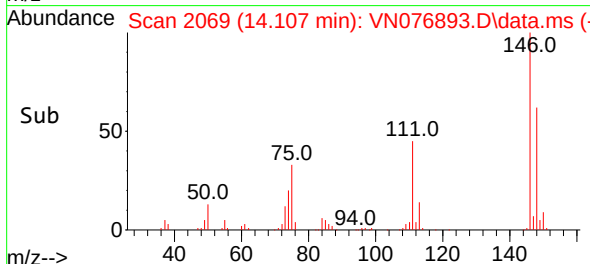
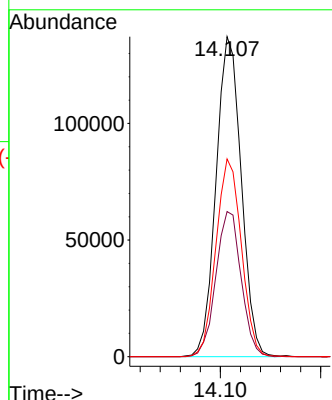
Manual Integrations
APPROVED

Reviewed By :John
Carlone

03/10/2023

Supervised By :Mahesh
Dadoda

03/10/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.990 ug/l

RT: 14.718 min Scan# 2173

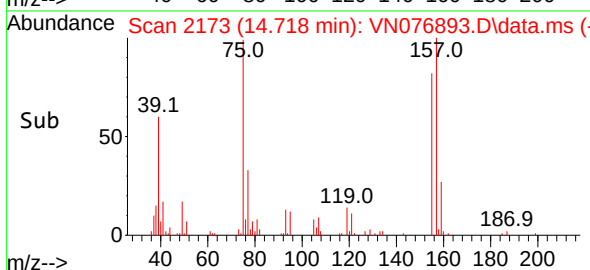
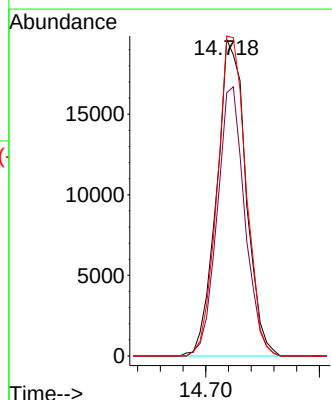
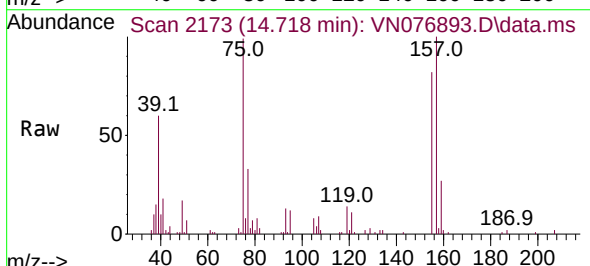
Delta R.T. -0.006 min

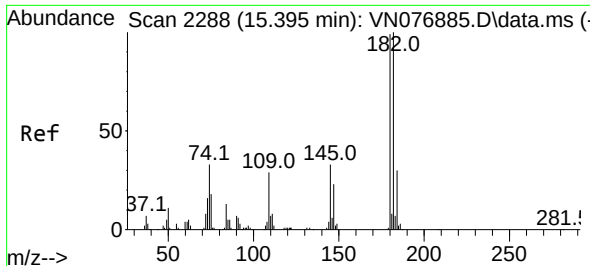
Lab File: VN076893.D

Acq: 09 Mar 2023 10:59

Tgt Ion: 75 Resp: 35114

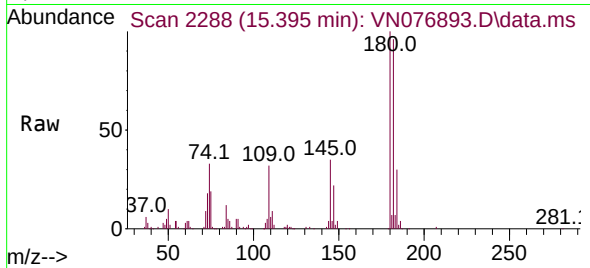
Ion	Ratio	Lower	Upper
75	100		
155	80.1	62.5	93.7
157	99.1	77.5	116.3





#89
1,2,4-Trichlorobenzene
Concen: 22.962 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



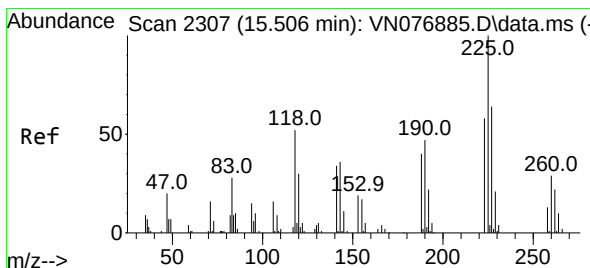
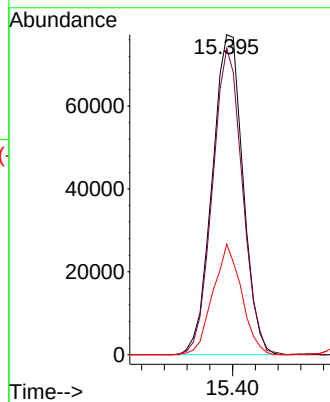
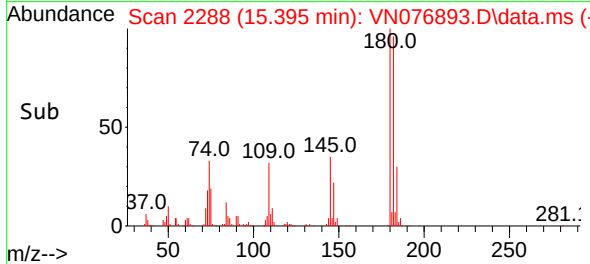
Tgt Ion:180 Resp: 14528
Ion Ratio Lower Upper
180 100
182 93.0 76.6 115.0
145 32.2 24.6 36.8

Manual Integrations
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Reviewed By :John
Carlone

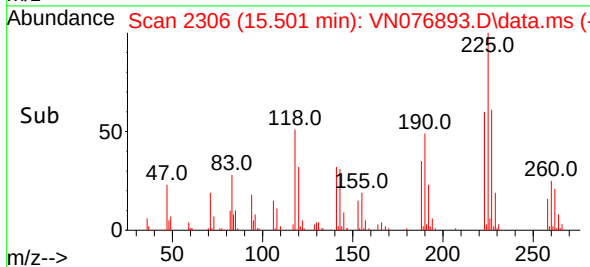
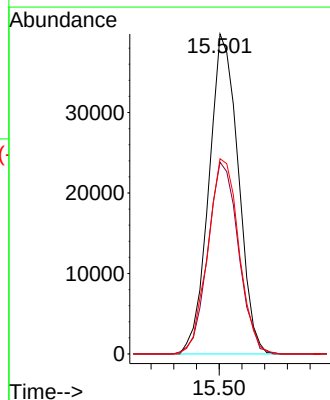
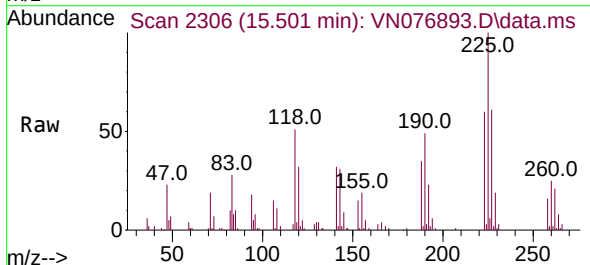
03/10/2023
Supervised By :Mahesh
Dadoda

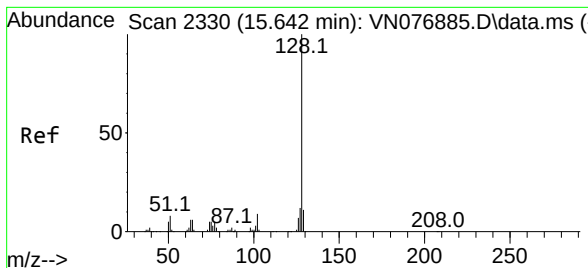
03/10/2023



#90
Hexachlorobutadiene
Concen: 21.356 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

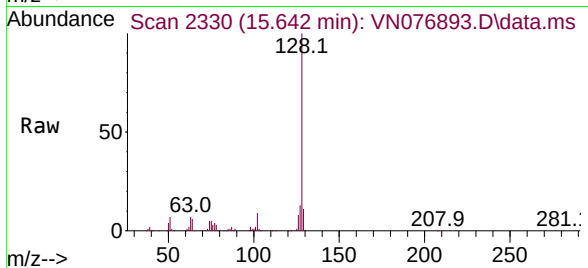
Tgt Ion:225 Resp: 71238
Ion Ratio Lower Upper
225 100
223 62.5 0.0 135.4
227 64.6 0.0 129.4





#91
Naphthalene
Concen: 22.001 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0309WBSD01



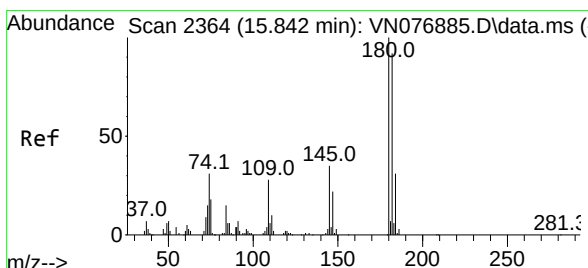
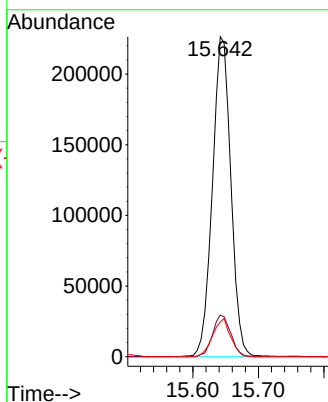
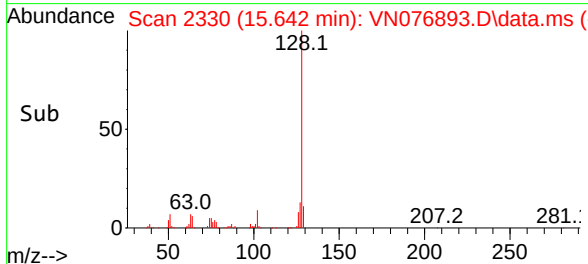
Tgt Ion:128 Resp: 441520
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.6
129 11.5 8.9 13.3

Manual Integrations
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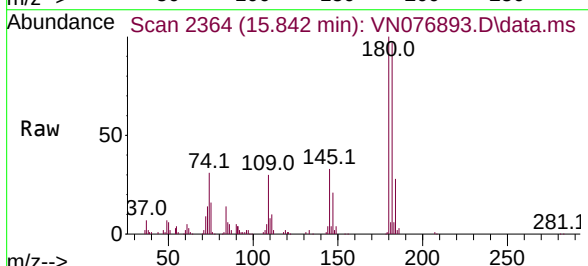
Reviewed By :John
Carlone

03/10/2023
Supervised By :Mahesh
Dadoda

03/10/2023



#92
1,2,3-Trichlorobenzene
Concen: 22.344 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076893.D
Acq: 09 Mar 2023 10:59



Tgt Ion:180 Resp: 141728
Ion Ratio Lower Upper
180 100
182 94.2 0.0 190.8
145 34.3 0.0 65.0

