

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078696.D
 Acq On : 28 Jul 2023 20:08
 Operator : JC\MD
 Sample : VN0728WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 29 00:42:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

07/31/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	745346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1260868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1098685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	433773	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	485304	48.568	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.140%
35) Dibromofluoromethane	8.177	113	434805	50.800	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.600%
50) Toluene-d8	10.571	98	1559604	48.234	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.853	95	510426	51.250	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	177907	19.468	ug/l	95
3) Chloromethane	2.371	50	184004	18.525	ug/l	99
4) Vinyl Chloride	2.518	62	180779	14.070	ug/l	99
5) Bromomethane	2.953	94	212072	23.455	ug/l	99
6) Chloroethane	3.118	64	113422	13.178	ug/l	97
7) Trichlorofluoromethane	3.500	101	285314	18.576	ug/l	97
8) Diethyl Ether	3.971	74	101490	19.833	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.377	101	156977	19.307	ug/l	94
10) Methyl Iodide	4.600	142	220431	19.730	ug/l	90
11) Tert butyl alcohol	5.536	59	168873	109.599	ug/l	99
12) 1,1-Dichloroethene	4.347	96	158509	20.154	ug/l	89
13) Acrolein	4.194	56	143212	94.470	ug/l	96
14) Allyl chloride	5.036	41	236643	22.020	ug/l #	83
15) Acrylonitrile	5.736	53	437948	112.494	ug/l	99
16) Acetone	4.441	43	317919	102.141	ug/l	100
17) Carbon Disulfide	4.718	76	427030	18.777	ug/l	96
18) Methyl Acetate	5.041	43	291680	22.137	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	527629	20.362	ug/l	98
20) Methylene Chloride	5.289	84	195389	21.180	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	172804	19.498	ug/l #	82
22) Diisopropyl ether	6.683	45	528016	21.943	ug/l #	91
23) Vinyl Acetate	6.618	43	1591331	104.022	ug/l #	88
24) 1,1-Dichloroethane	6.583	63	325101	20.050	ug/l	98
25) 2-Butanone	7.494	43	534687	109.129	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	198464	14.965	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	206396	20.131	ug/l	96
28) Bromochloromethane	7.818	49	151240	19.803	ug/l	91
29) Tetrahydrofuran	7.853	42	364561	113.396	ug/l #	83
30) Chloroform	7.977	83	342614	20.296	ug/l	94
31) Cyclohexane	8.265	56	269647	19.968	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	294270	19.443	ug/l	99
36) 1,1-Dichloropropene	8.377	75	246066	19.910	ug/l	97
37) Ethyl Acetate	7.577	43	223537	21.698	ug/l	96
38) Carbon Tetrachloride	8.371	117	267766	19.935	ug/l	100
39) Methylcyclohexane	9.612	83	218540	19.373	ug/l #	85
40) Benzene	8.612	78	777452	21.234	ug/l	97

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 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	117295	22.333	ug/l	92
42) 1,2-Dichloroethane	8.682	62	244459	19.630	ug/l	100
43) Isopropyl Acetate	8.700	43	401486	23.670	ug/l #	92
44) Trichloroethene	9.359	130	186301	18.879	ug/l	97
45) 1,2-Dichloropropane	9.629	63	203484	21.943	ug/l	97
46) Dibromomethane	9.718	93	134969	20.679	ug/l	93
47) Bromodichloromethane	9.894	83	264895	20.247	ug/l	100
48) Methyl methacrylate	9.688	41	164814	20.974	ug/l #	87
49) 1,4-Dioxane	9.706	88	73535	429.098	ug/l #	75
51) 4-Methyl-2-Pentanone	10.453	43	1144219	113.413	ug/l	96
52) Toluene	10.635	92	471279	20.768	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	262515	19.586	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	299171	20.940	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	187609	20.984	ug/l	95
56) Ethyl methacrylate	10.876	69	273750	21.904	ug/l #	87
57) 1,3-Dichloropropane	11.170	76	314510	20.689	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.171	63	445138	99.942	ug/l	90
59) 2-Hexanone	11.200	43	811688	113.201	ug/l	96
60) Dibromochloromethane	11.365	129	201020	20.366	ug/l	99
61) 1,2-Dibromoethane	11.476	107	189637	20.590	ug/l	99
64) Tetrachloroethene	11.112	164	153538	18.588	ug/l	97
65) Chlorobenzene	11.900	112	479821	19.538	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	187585	19.855	ug/l	97
67) Ethyl Benzene	11.970	91	838824	20.207	ug/l	99
68) m/p-Xylenes	12.076	106	625927	40.782	ug/l	94
69) o-Xylene	12.406	106	309944	19.993	ug/l	95
70) Styrene	12.417	104	489983	20.203	ug/l	98
71) Bromoform	12.588	173	134417	21.008	ug/l #	98
73) Isopropylbenzene	12.700	105	767238	18.824	ug/l	99
74) N-amyl acetate	12.500	43	278280	19.812	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	272309	22.198	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	222007m	21.174	ug/l	
77) Bromobenzene	12.988	156	182544	19.657	ug/l	97
78) n-propylbenzene	13.041	91	838418	19.234	ug/l	98
79) 2-Chlorotoluene	13.129	91	546496	19.140	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	635083	19.720	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	71057	17.809	ug/l #	86
82) 4-Chlorotoluene	13.229	91	521608	19.584	ug/l	99
83) tert-Butylbenzene	13.447	119	514276	18.809	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	615482	19.676	ug/l	100
85) sec-Butylbenzene	13.623	105	655682	18.972	ug/l	99
86) p-Isopropyltoluene	13.735	119	533541	19.226	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	286829	18.331	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	281098	17.835	ug/l	98
89) n-Butylbenzene	14.064	91	379789	19.127	ug/l	97
90) Hexachloroethane	14.341	117	107159	20.528	ug/l	79
91) 1,2-Dichlorobenzene	14.111	146	290368	18.647	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	41082	19.898	ug/l	88
93) 1,2,4-Trichlorobenzene	15.400	180	77142	15.522	ug/l	97
94) Hexachlorobutadiene	15.505	225	62103	21.823	ug/l	98
95) Naphthalene	15.647	128	232269	13.671	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	92917	16.260	ug/l	97

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Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
APPROVED

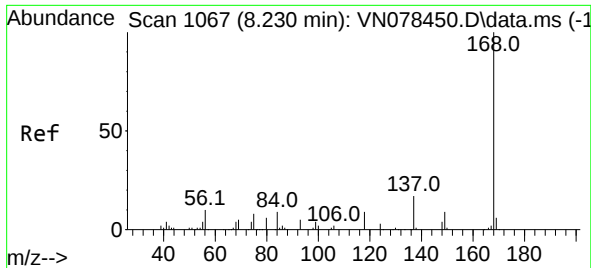
Reviewed By :John
Carlone

07/31/2023
Supervised By :Mahesh
Dadoda

07/31/2023

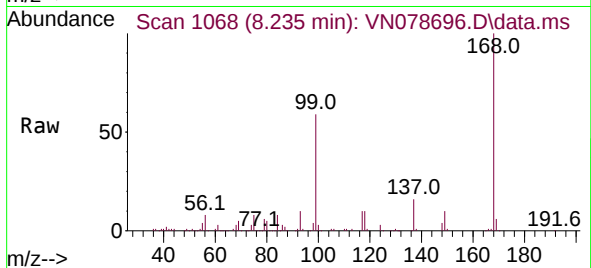
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078696.D
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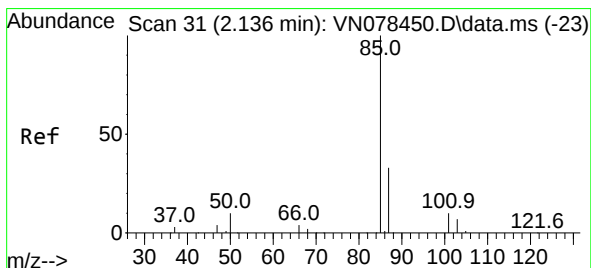
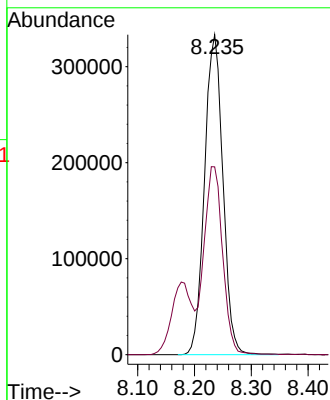
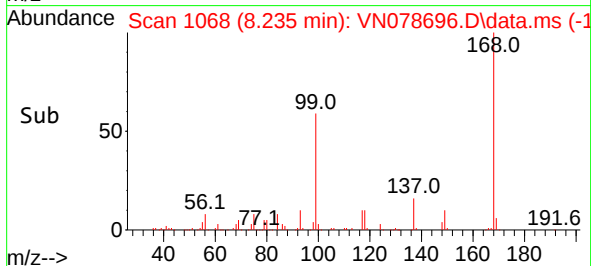
Tgt Ion:168 Resp: 745340
Ion Ratio Lower Upper
168 100
99 58.6 53.0 79.6

Manual Integrations
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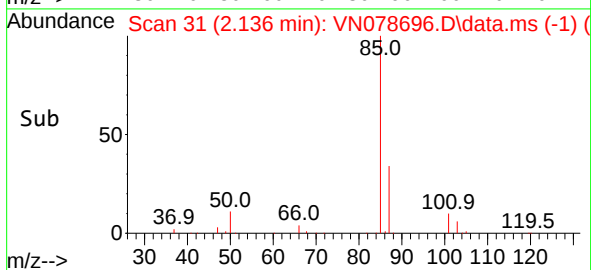
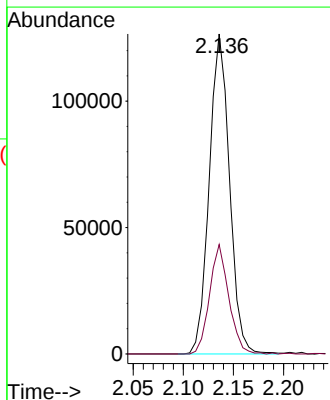
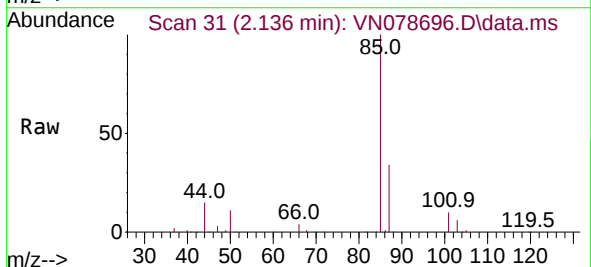
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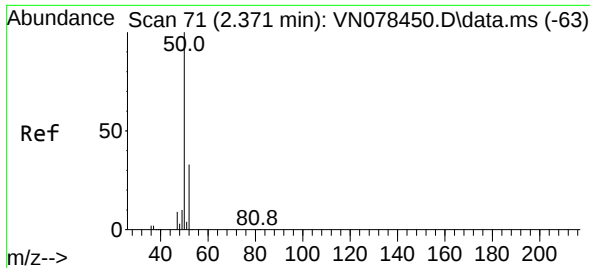
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#2
Dichlorodifluoromethane
Concen: 19.468 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

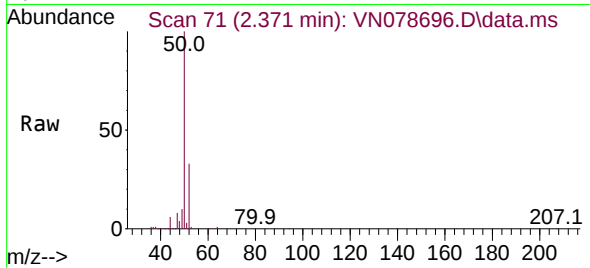
Tgt Ion: 85 Resp: 177907
Ion Ratio Lower Upper
85 100
87 34.2 15.8 47.4





#3
Chloromethane
Concen: 18.525 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
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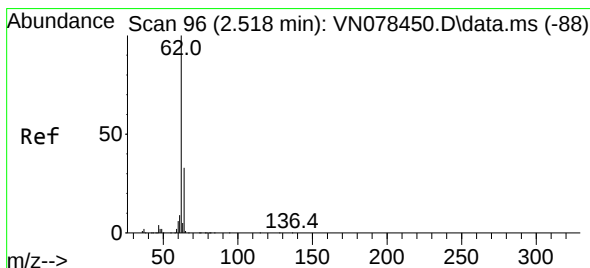
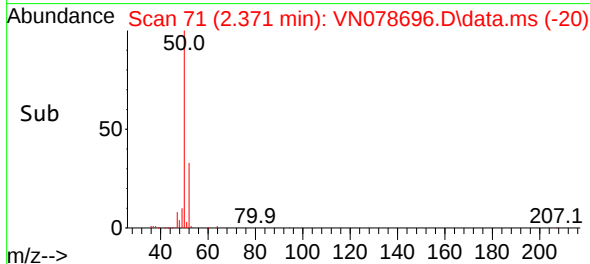
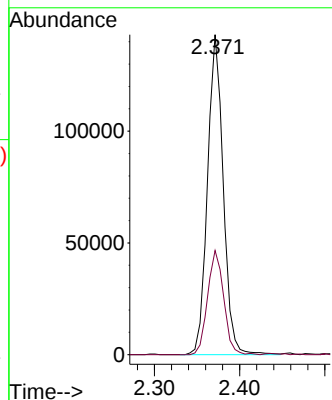
Tgt Ion: 50 Resp: 184004
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7

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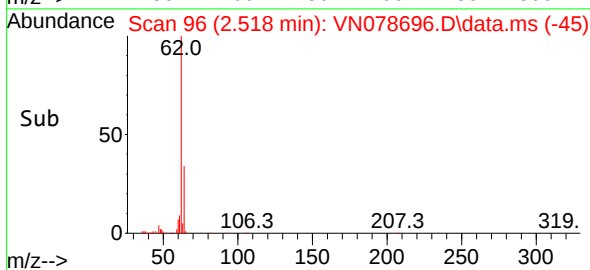
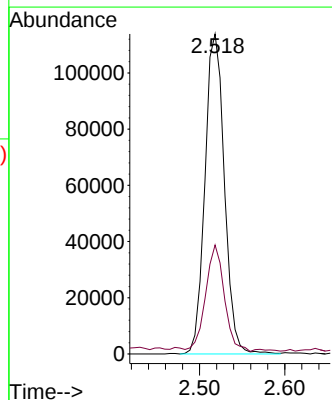
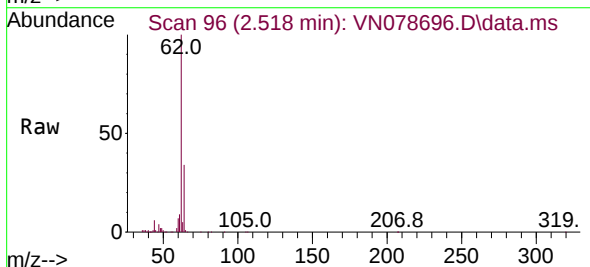
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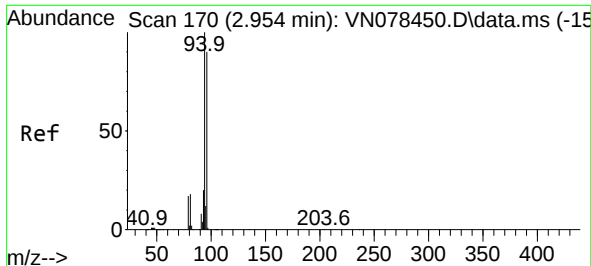
07/31/2023



#4
Vinyl Chloride
Concen: 14.070 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

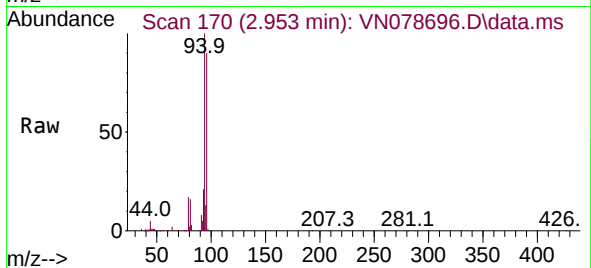
Tgt Ion: 62 Resp: 180779
Ion Ratio Lower Upper
62 100
64 33.1 26.2 39.2





#5
Bromomethane
Concen: 23.455 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
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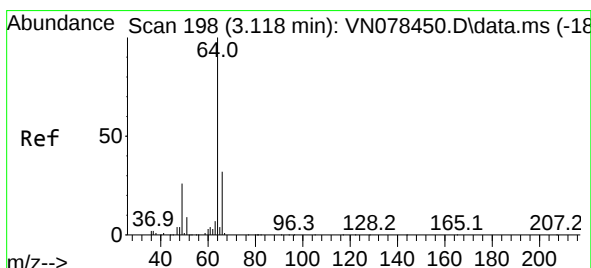
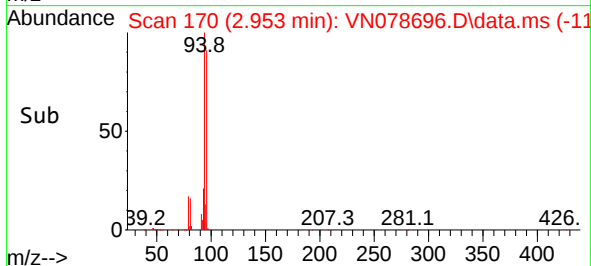
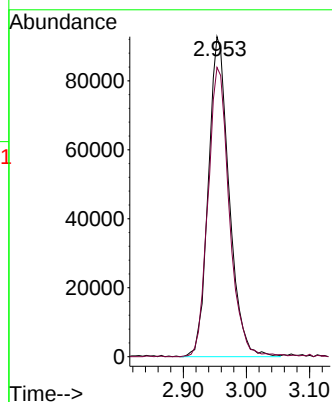
Tgt Ion: 94 Resp: 212072
Ion Ratio Lower Upper
94 100
96 90.4 73.1 109.7

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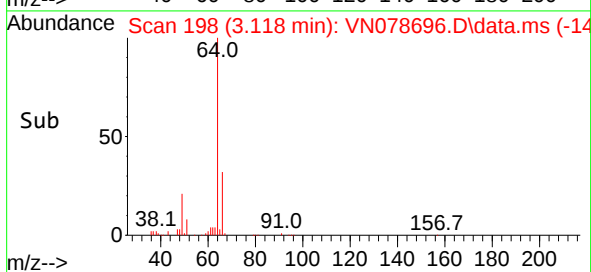
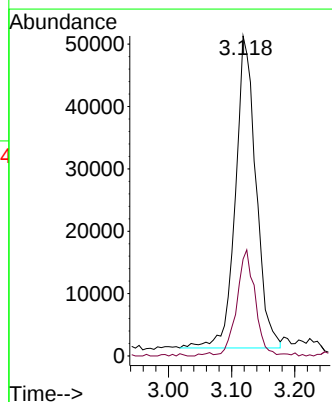
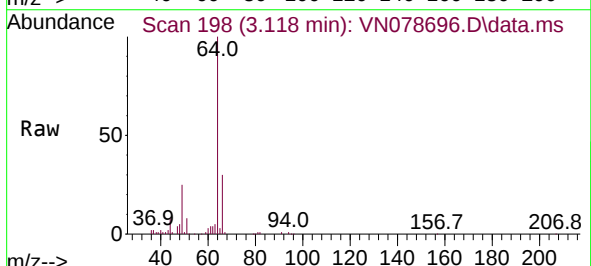
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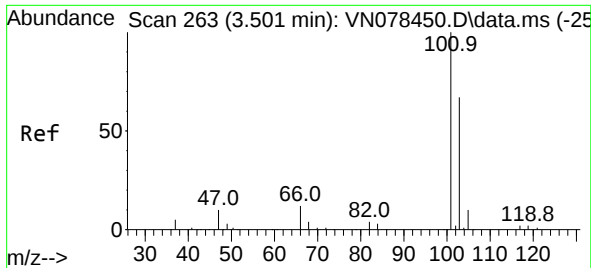
07/31/2023



#6
Chloroethane
Concen: 13.178 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

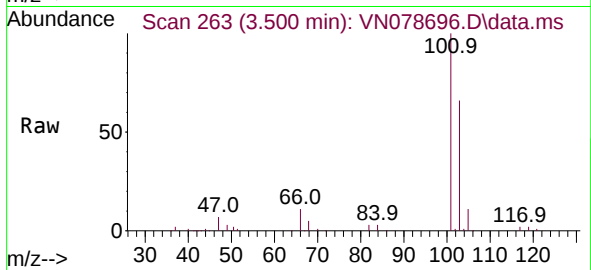
Tgt Ion: 64 Resp: 113422
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 18.576 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: VN078696.D
 Acq: 28 Jul 2023 20:08

Instrument :
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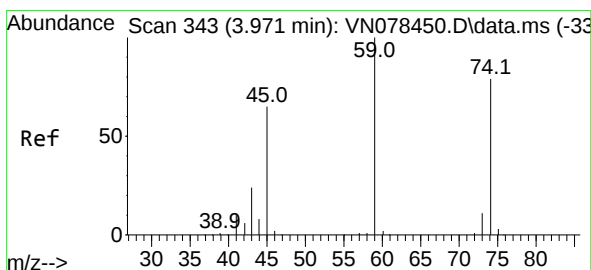
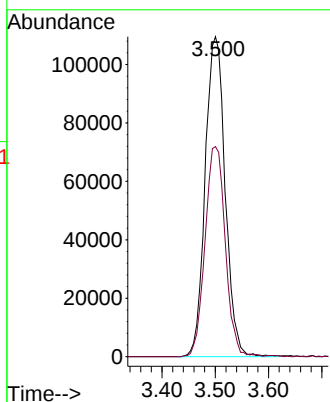
Tgt Ion:101 Resp: 285314
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.7 76.1

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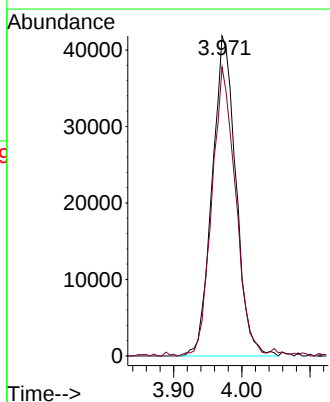
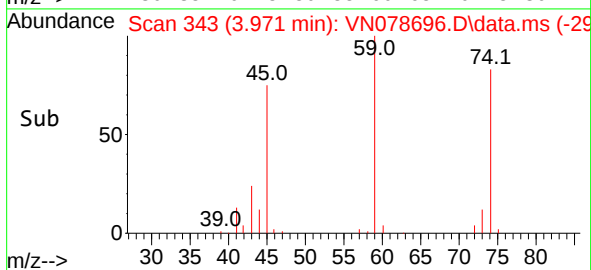
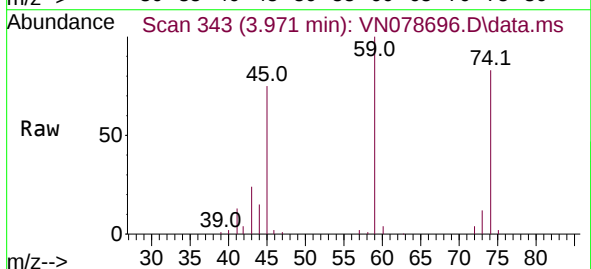
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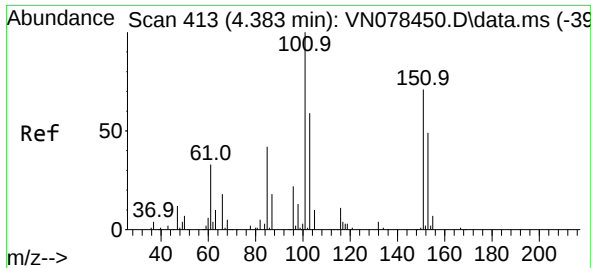
07/31/2023



#8
 Diethyl Ether
 Concen: 19.833 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: VN078696.D
 Acq: 28 Jul 2023 20:08

Tgt Ion: 74 Resp: 101490
 Ion Ratio Lower Upper
 74 100
 45 90.0 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.307 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

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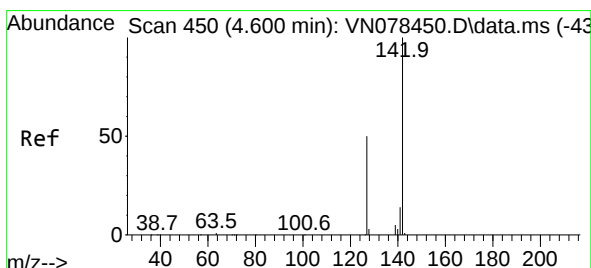
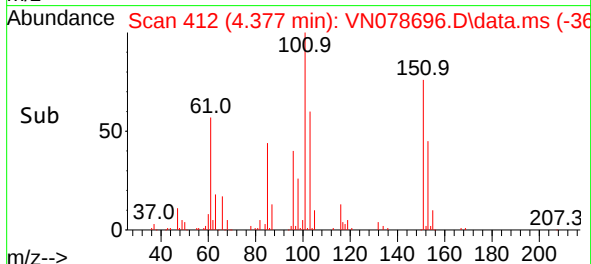
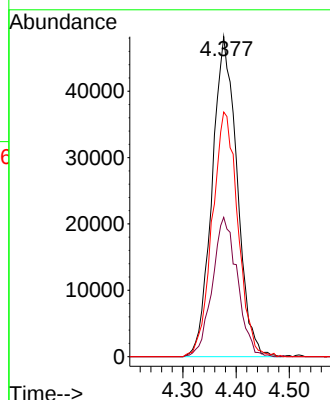
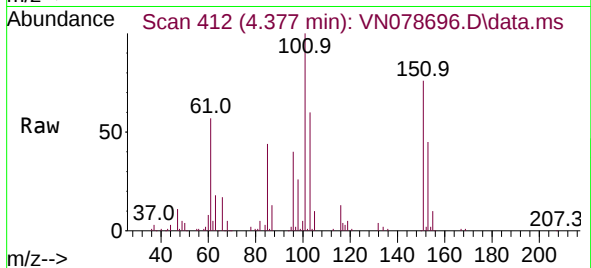
Tgt Ion:101 Resp: 15697
Ion Ratio Lower Upper
101 100
85 43.6 36.6 55.0
151 78.4 57.6 86.4

Manual Integrations
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Reviewed By :John
Carlone

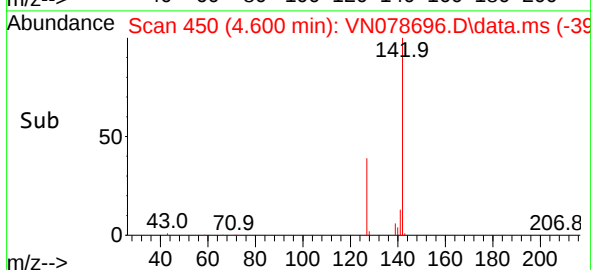
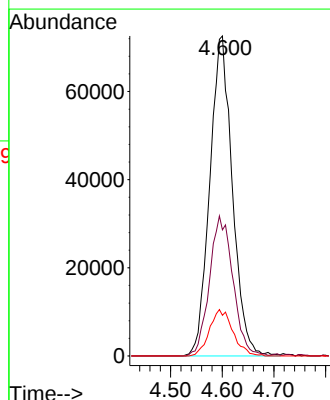
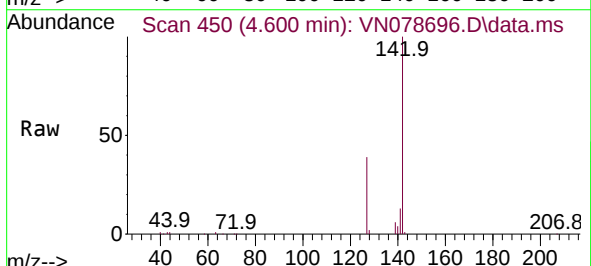
07/31/2023
Supervised By :Mahesh
Dadoda

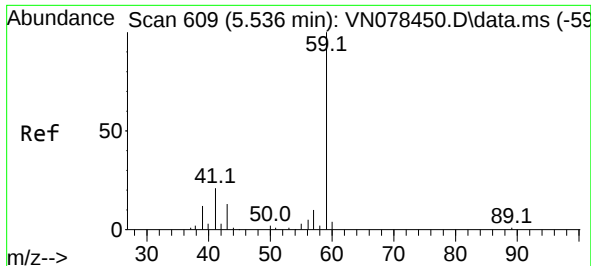
07/31/2023



#10
Methyl Iodide
Concen: 19.730 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

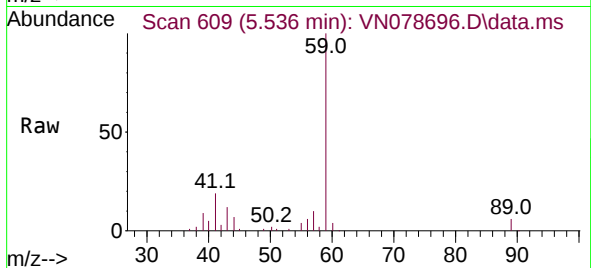
Tgt Ion:142 Resp: 220431
Ion Ratio Lower Upper
142 100
127 39.4 37.6 56.4
141 12.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 109.599 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



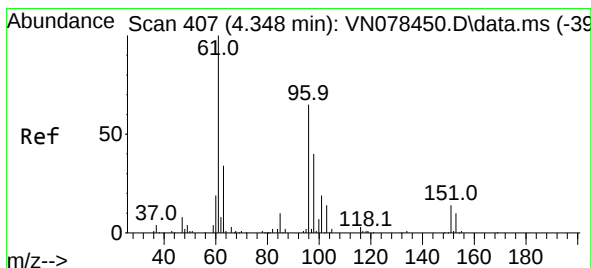
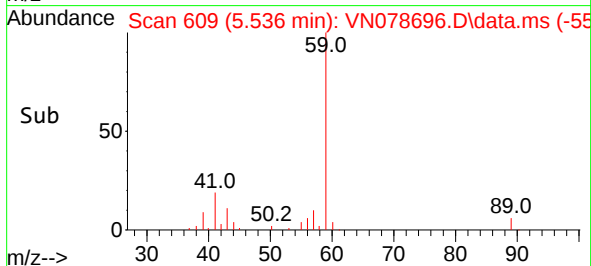
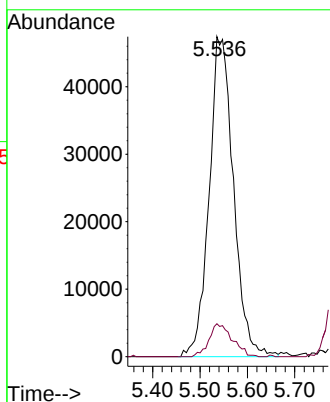
Tgt Ion: 59 Resp: 16887
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

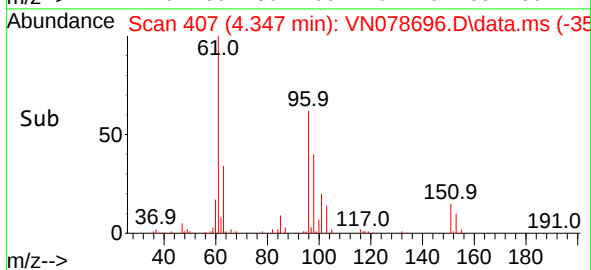
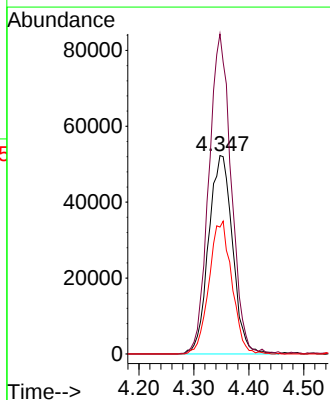
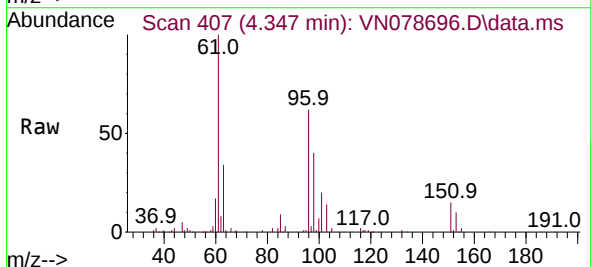
07/31/2023
Supervised By :Mahesh
Dadoda

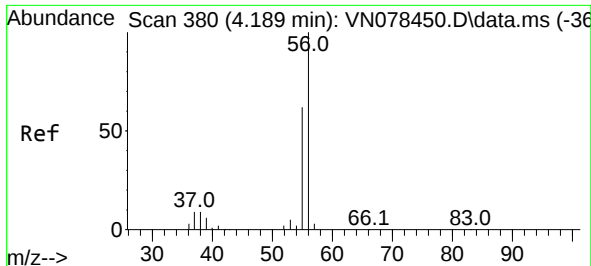
07/31/2023



#12
1,1-Dichloroethene
Concen: 20.154 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Tgt Ion: 96 Resp: 158509
Ion Ratio Lower Upper
96 100
61 161.3 112.7 169.1
98 64.0 51.2 76.8





#13

Acrolein

Concen: 94.470 ug/l

RT: 4.194 min Scan# 381

Delta R.T. 0.005 min

Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBSD01

Tgt Ion: 56 Resp: 14321

Ion Ratio Lower Upper

56 100

55 71.4 54.5 81.7

Manual Integrations

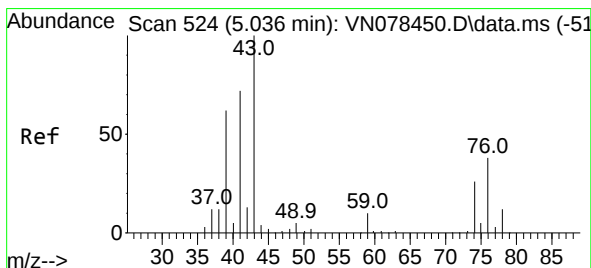
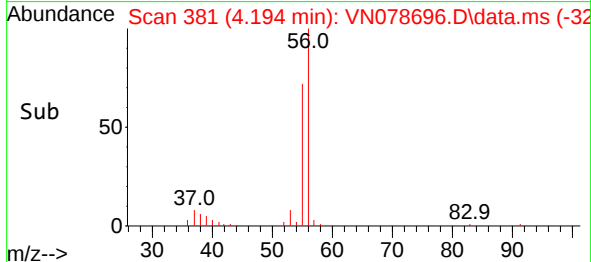
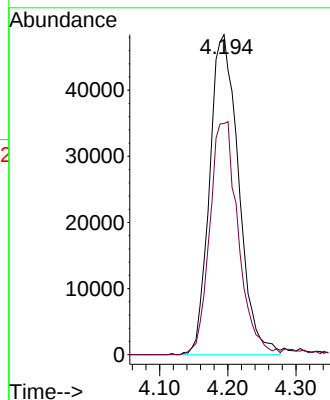
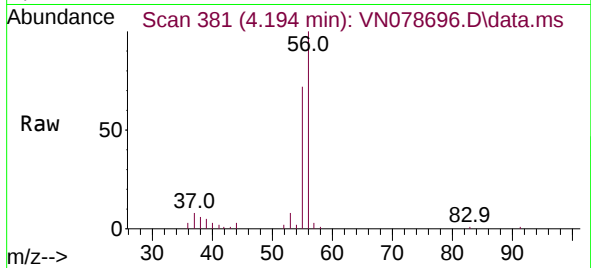
APPROVED

Reviewed By :John
Carlone

07/31/2023

Supervised By :Mahesh
Dadoda

07/31/2023



#14

Allyl chloride

Concen: 22.020 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

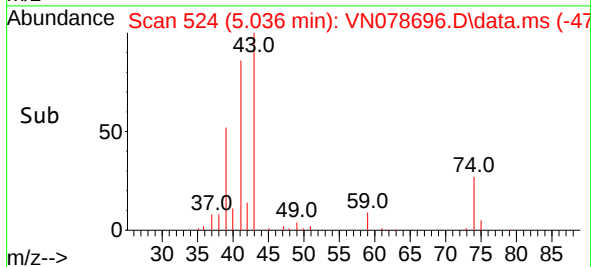
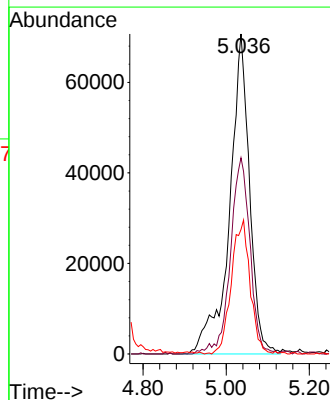
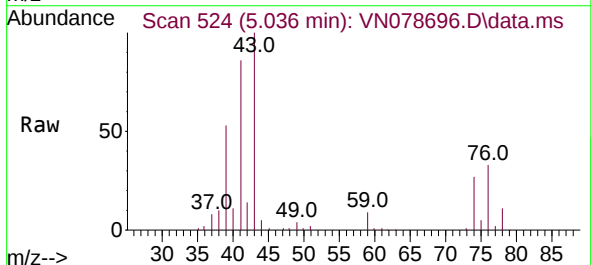
Tgt Ion: 41 Resp: 236643

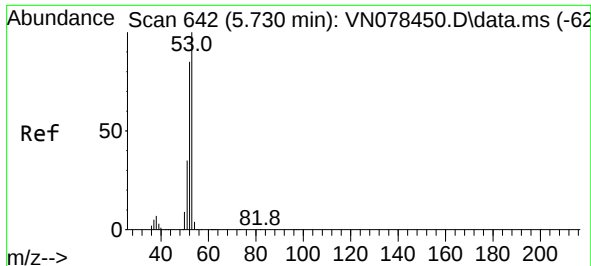
Ion Ratio Lower Upper

41 100

39 58.0 58.8 88.2#

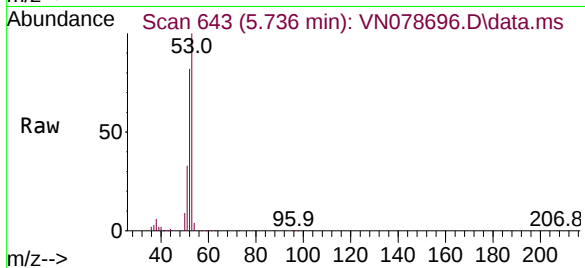
76 39.0 39.1 58.7#





#15
Acrylonitrile
Concen: 112.494 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



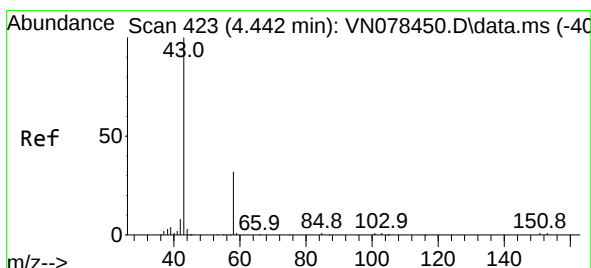
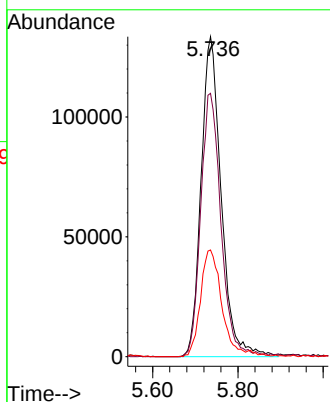
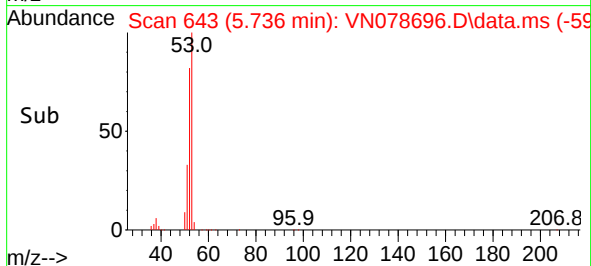
Tgt Ion: 53 Resp: 437948
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 34.7 28.9 43.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

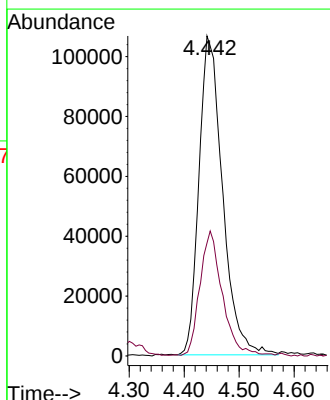
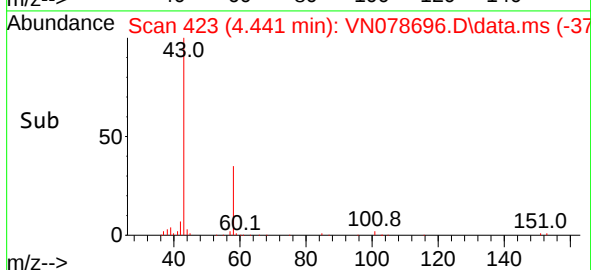
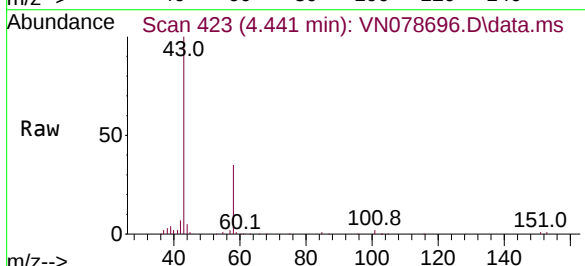
07/31/2023
Supervised By :Mahesh
Dadoda

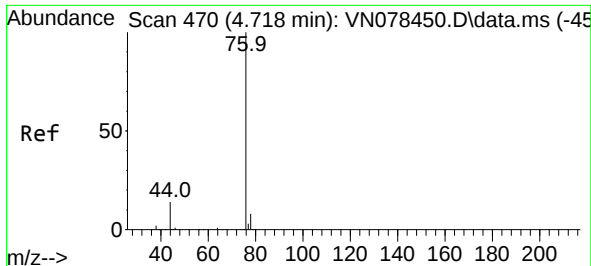
07/31/2023



#16
Acetone
Concen: 102.141 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

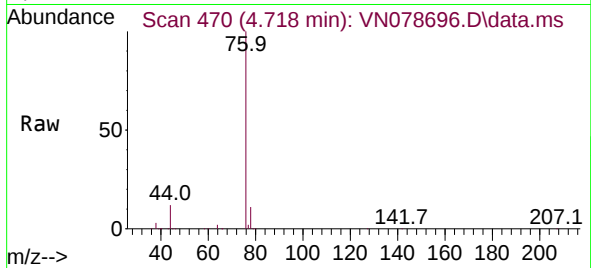
Tgt Ion: 43 Resp: 317919
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0





#17
Carbon Disulfide
Concen: 18.777 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



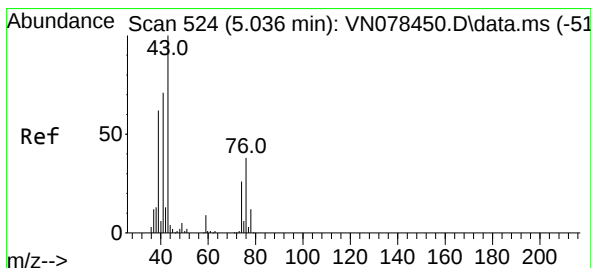
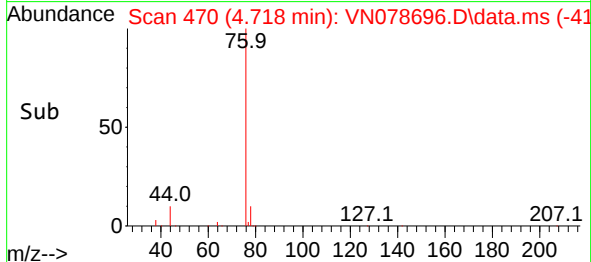
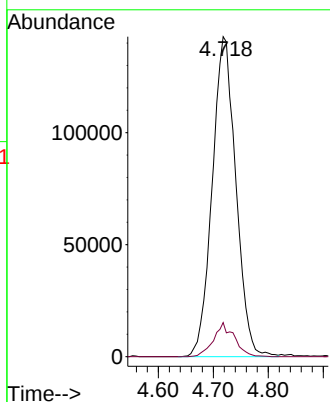
Tgt Ion: 76 Resp: 427030
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0

Manual Integrations
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Reviewed By :John
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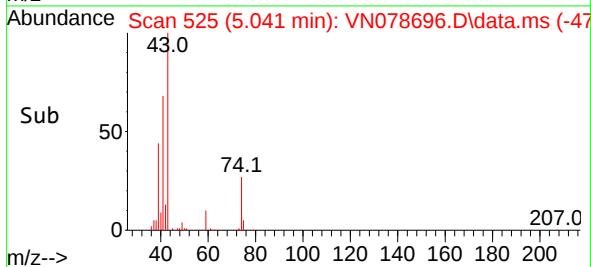
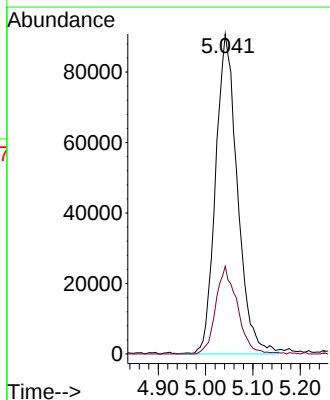
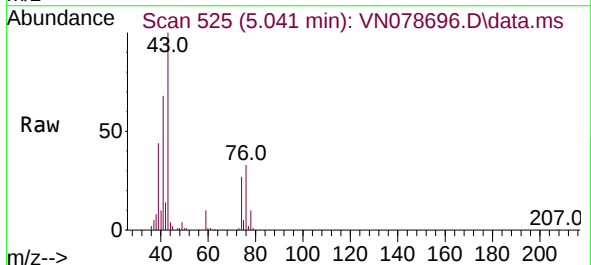
07/31/2023
Supervised By :Mahesh
Dadoda

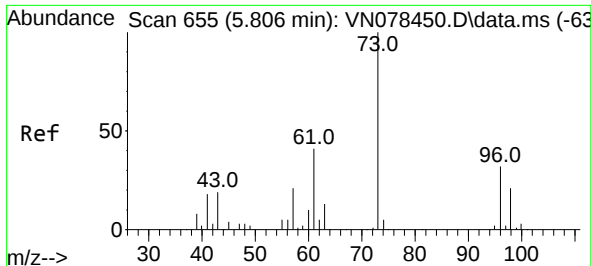
07/31/2023



#18
Methyl Acetate
Concen: 22.137 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.005 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

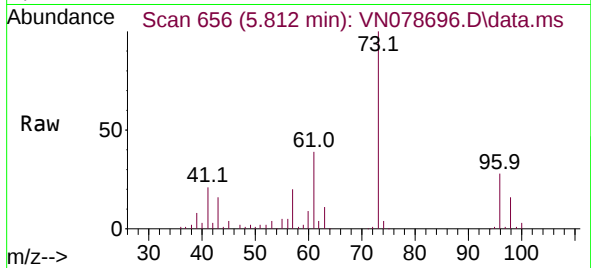
Tgt Ion: 43 Resp: 291680
Ion Ratio Lower Upper
43 100
74 27.0 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 20.362 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



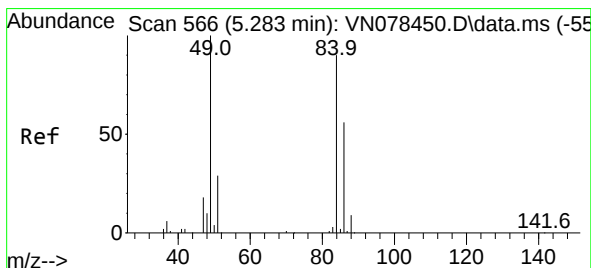
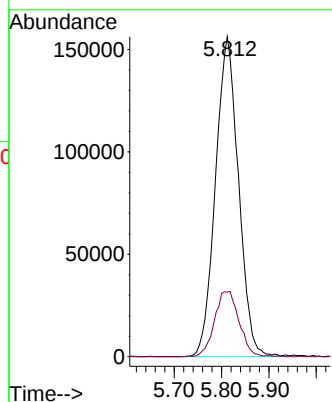
Tgt Ion: 73 Resp: 527629
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4

Manual Integrations
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Reviewed By :John
Carlone

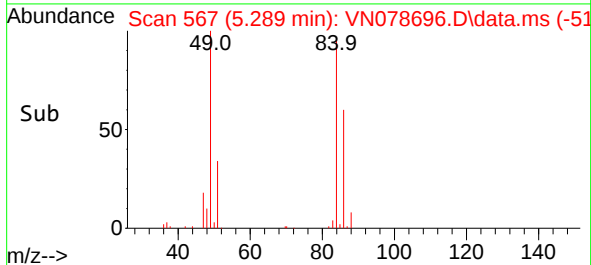
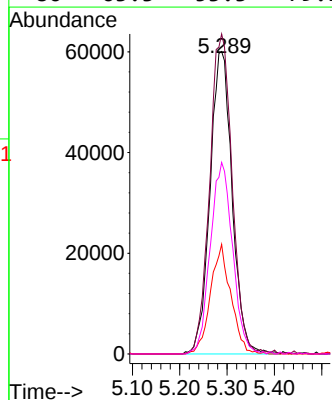
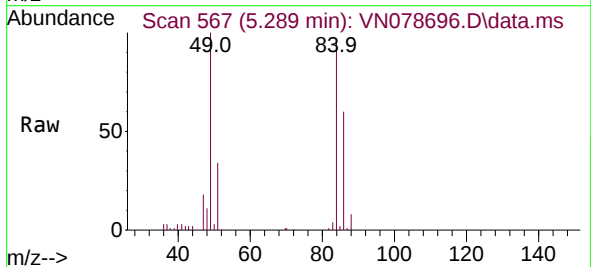
07/31/2023
Supervised By :Mahesh
Dadoda

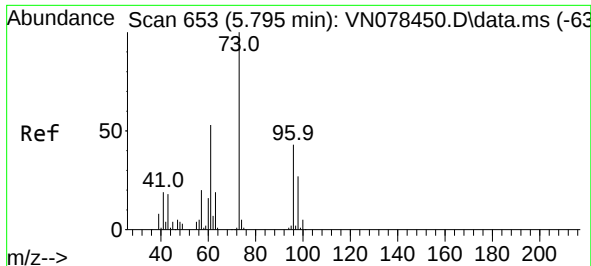
07/31/2023



#20
Methylene Chloride
Concen: 21.180 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

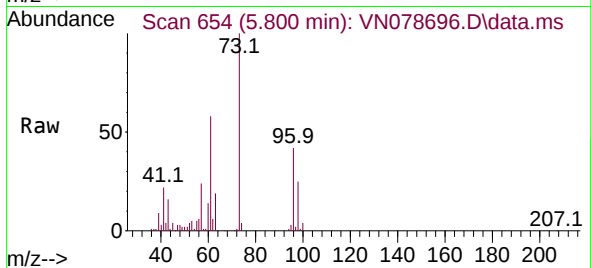
Tgt Ion: 84 Resp: 195389
Ion Ratio Lower Upper
84 100
49 105.8 79.7 119.5
51 36.2 25.2 37.8
86 63.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.498 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



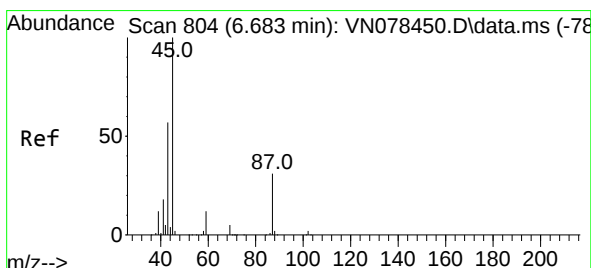
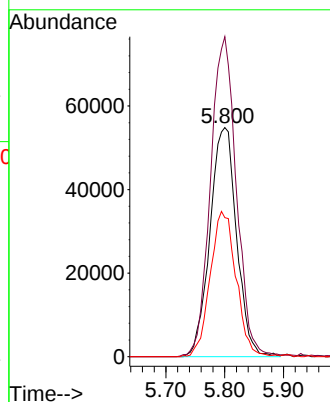
Tgt Ion: 96 Resp: 172804
Ion Ratio Lower Upper
96 100
61 139.4 90.1 135.1
98 60.7 46.4 69.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

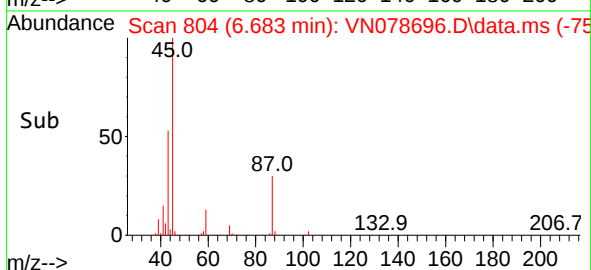
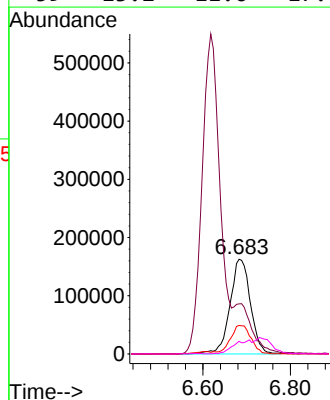
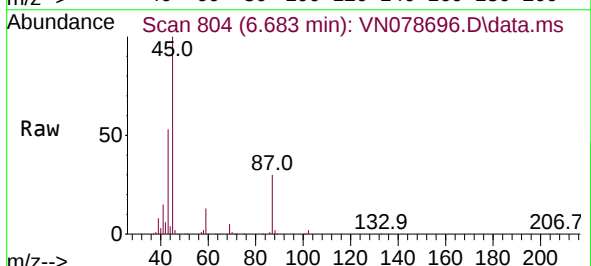
07/31/2023
Supervised By :Mahesh
Dadoda

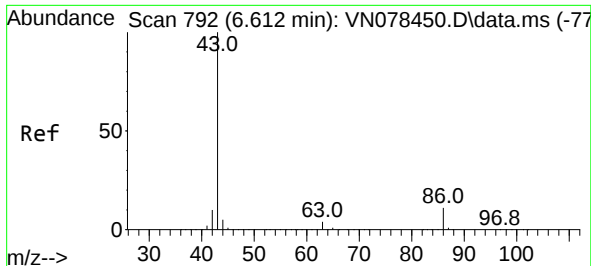
07/31/2023



#22
Diisopropyl ether
Concen: 21.943 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

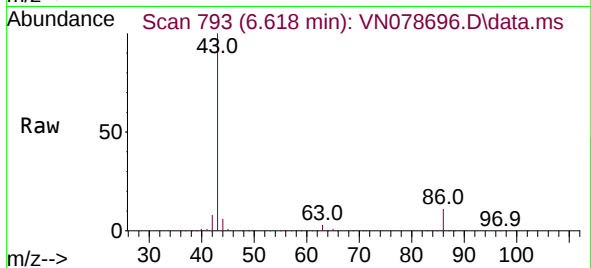
Tgt Ion: 45 Resp: 528016
Ion Ratio Lower Upper
45 100
43 52.7 45.5 68.3
87 29.8 31.8 47.8
59 13.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 104.022 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078696.D
 Acq: 28 Jul 2023 20:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01



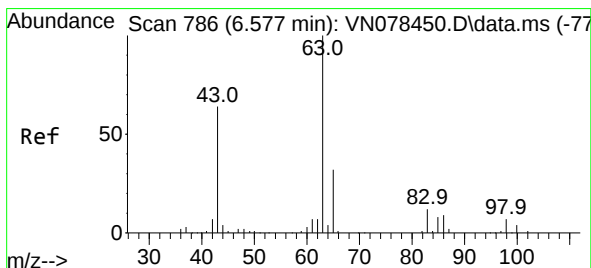
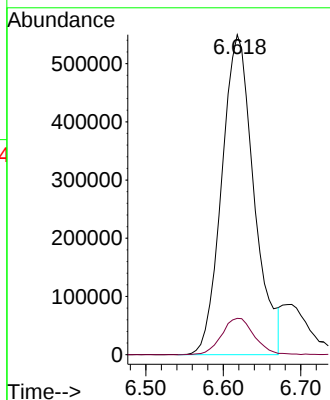
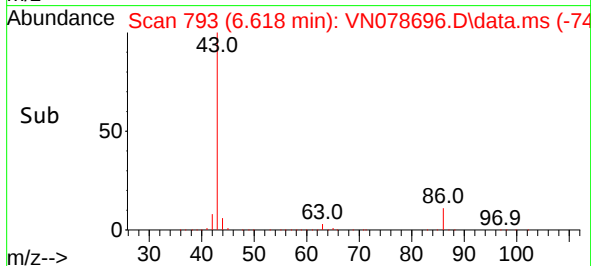
Tgt Ion: 43 Resp: 159133
 Ion Ratio Lower Upper
 43 100
 86 11.4 13.0 19.6

Manual Integrations
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Reviewed By :John
 Carlone

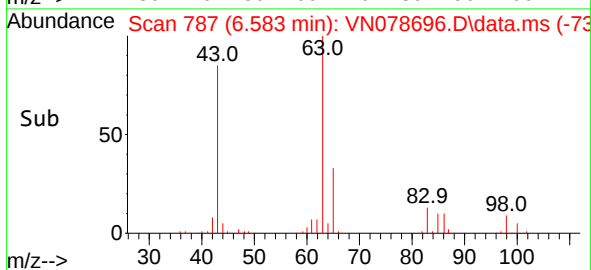
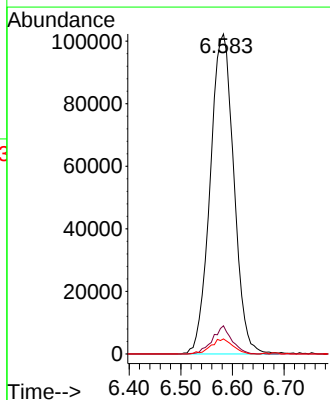
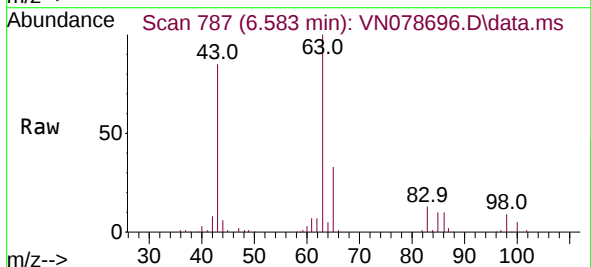
07/31/2023
 Supervised By :Mahesh
 Dadoda

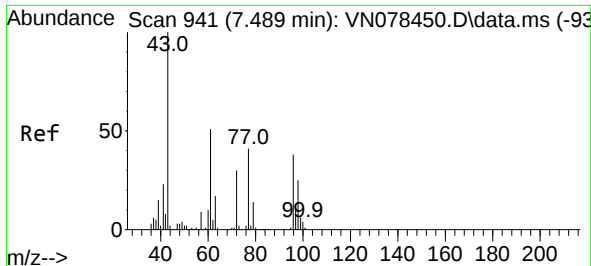
07/31/2023



#24
 1,1-Dichloroethane
 Concen: 20.050 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078696.D
 Acq: 28 Jul 2023 20:08

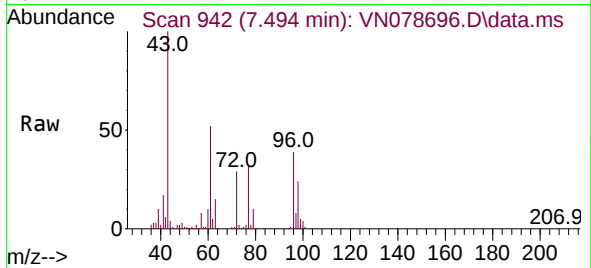
Tgt Ion: 63 Resp: 325101
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.7
 100 4.7 2.5 7.4





#25
2-Butanone
Concen: 109.129 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



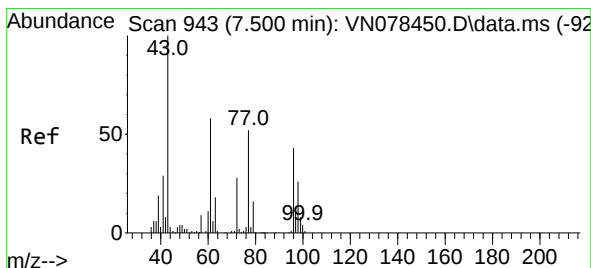
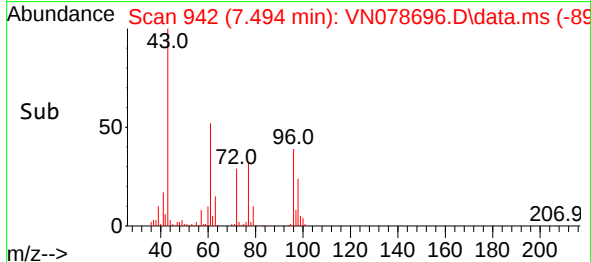
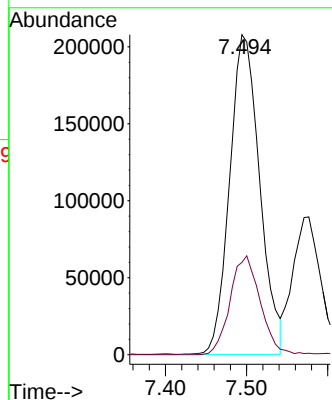
Tgt Ion: 43 Resp: 53468
Ion Ratio Lower Upper
43 100
72 28.9 30.2 45.2

Manual Integrations
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Reviewed By :John
Carlone

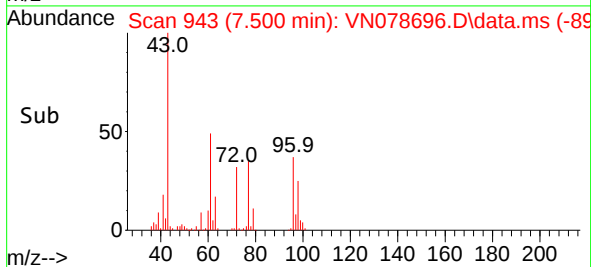
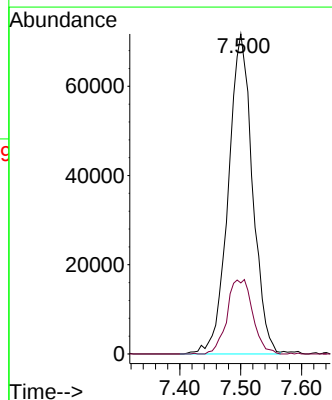
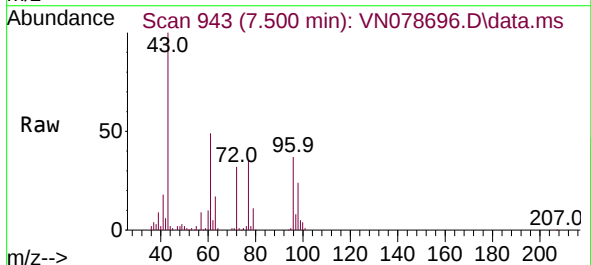
07/31/2023
Supervised By :Mahesh
Dadoda

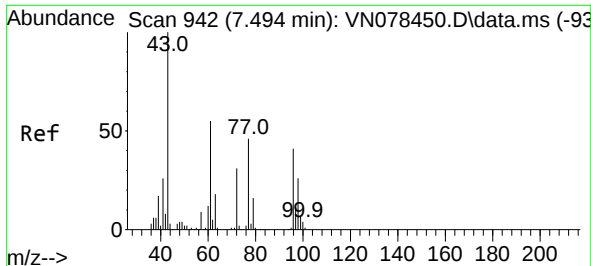
07/31/2023



#26
2,2-Dichloropropane
Concen: 14.965 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

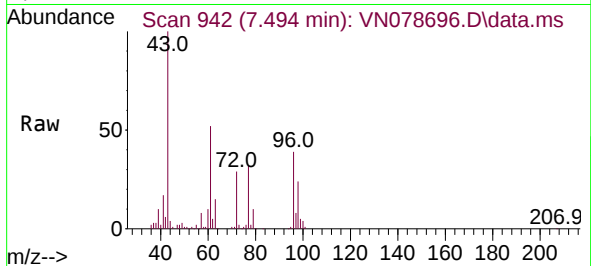
Tgt Ion: 77 Resp: 198464
Ion Ratio Lower Upper
77 100
97 24.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.131 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078696.D
 Acq: 28 Jul 2023 20:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01



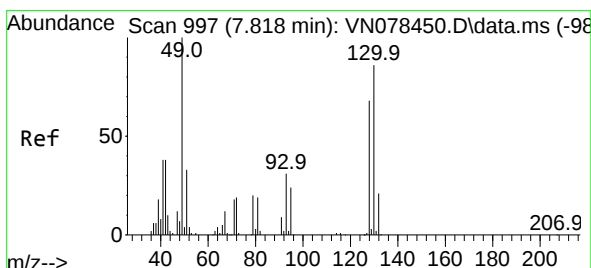
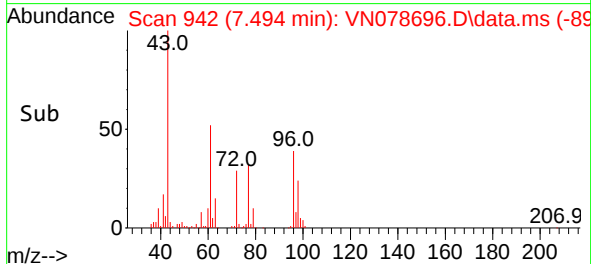
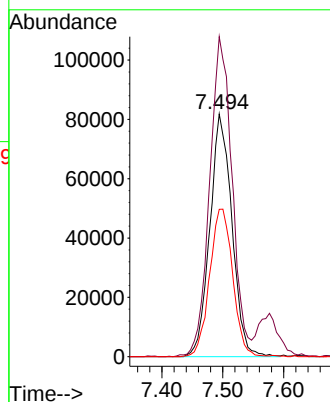
Tgt Ion: 96 Resp: 206390
 Ion Ratio Lower Upper
 96 100
 61 134.1 0.0 255.2
 98 63.4 0.0 128.8

Manual Integrations
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Reviewed By :John
 Carlone

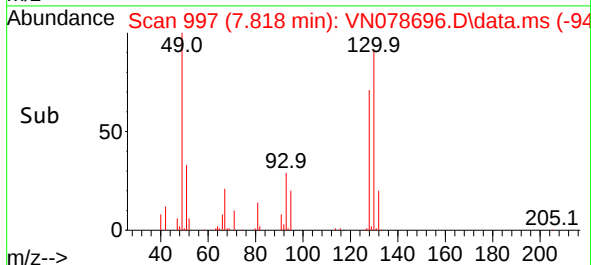
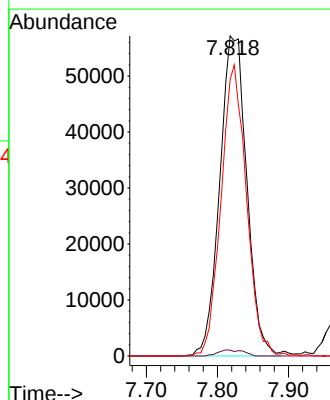
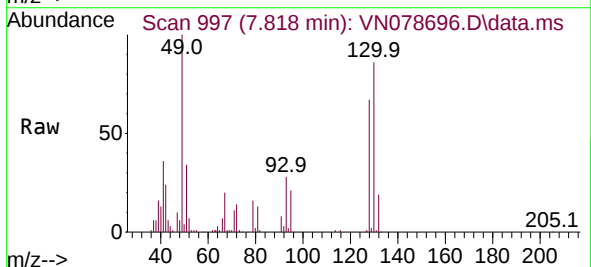
07/31/2023
 Supervised By :Mahesh
 Dadoda

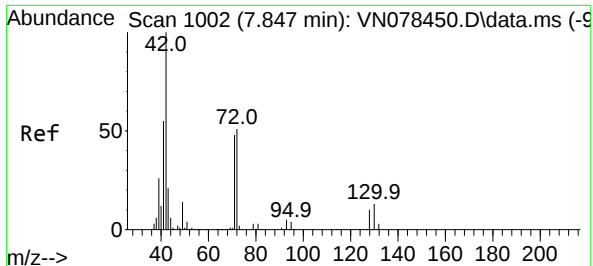
07/31/2023



#28
 Bromochloromethane
 Concen: 19.803 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078696.D
 Acq: 28 Jul 2023 20:08

Tgt Ion: 49 Resp: 151240
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 85.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 113.396 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBSD01

Tgt Ion: 42 Resp: 36456

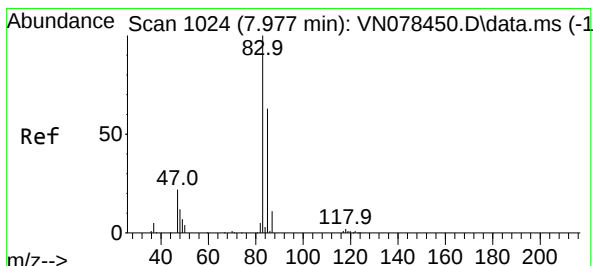
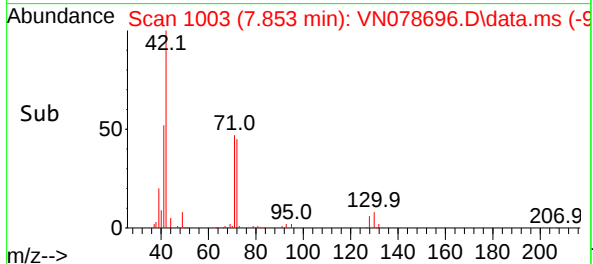
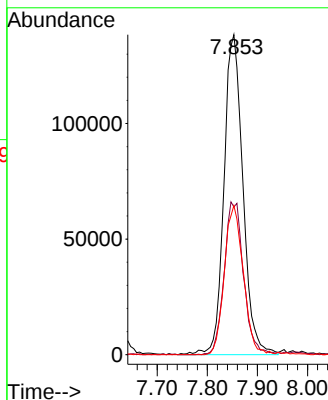
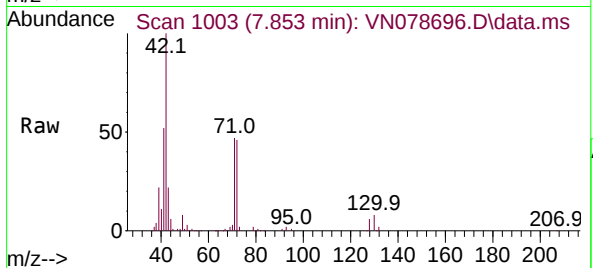
Ion	Ratio	Lower	Upper
42	100		
72	48.9	49.8	74.6
71	46.6	47.4	71.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/31/2023
Supervised By :Mahesh
Dadoda

07/31/2023



#30

Chloroform

Concen: 20.296 ug/l

RT: 7.977 min Scan# 1024

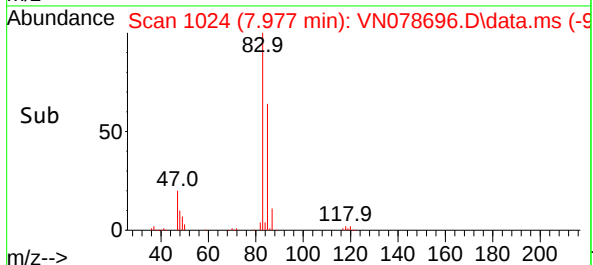
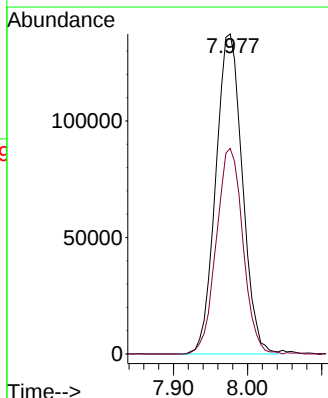
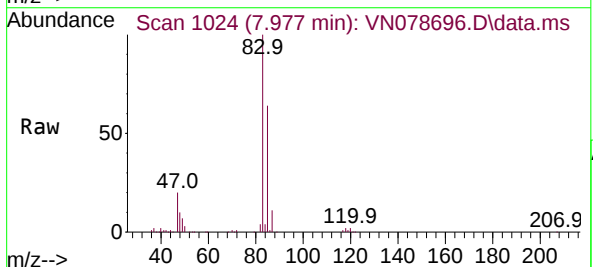
Delta R.T. -0.000 min

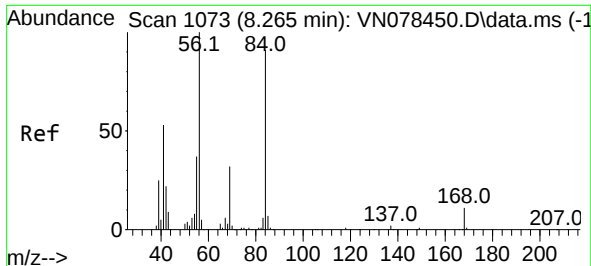
Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

Tgt Ion: 83 Resp: 342614

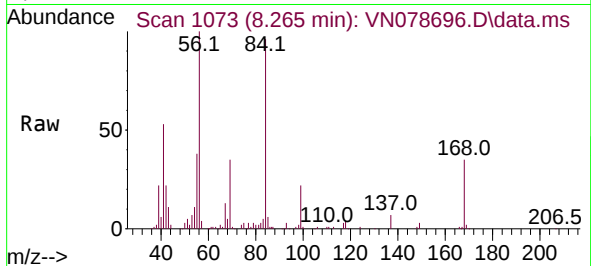
Ion	Ratio	Lower	Upper
83	100		
85	64.3	55.4	83.0





#31
Cyclohexane
Concen: 19.968 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



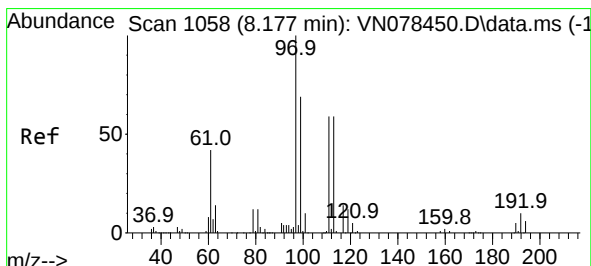
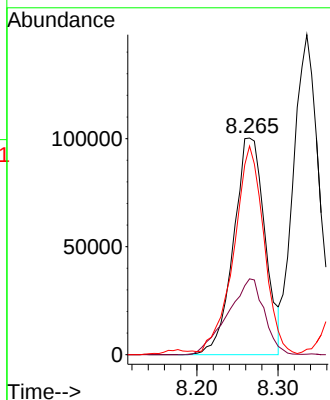
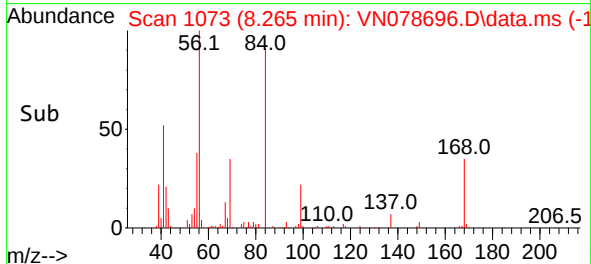
Tgt Ion: 56 Resp: 26964
Ion Ratio Lower Upper
56 100
69 34.8 26.8 40.2
84 93.9 81.8 122.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

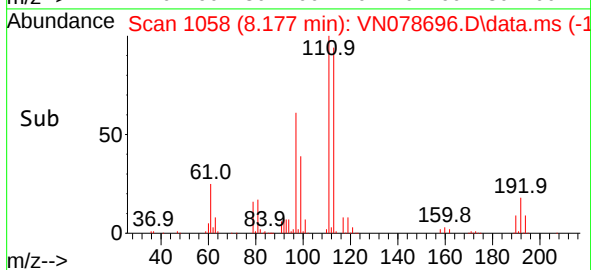
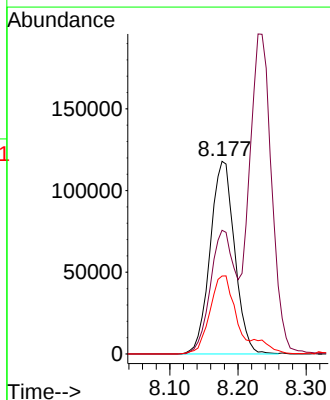
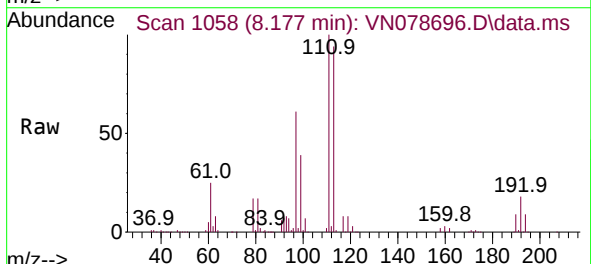
07/31/2023
Supervised By :Mahesh
Dadoda

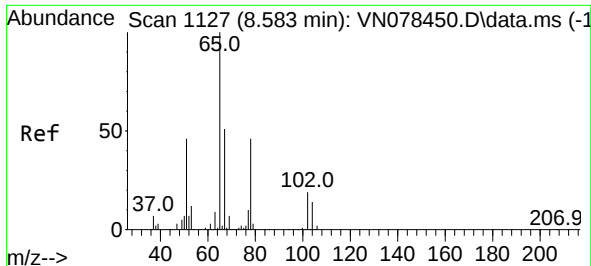
07/31/2023



#32
1,1,1-Trichloroethane
Concen: 19.443 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Tgt Ion: 97 Resp: 294270
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 42.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.568 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBSD01

Tgt Ion: 65 Resp: 485304

Ion Ratio Lower Upper

65 100

67 55.4 0.0 106.6

Manual Integrations

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Reviewed By :John

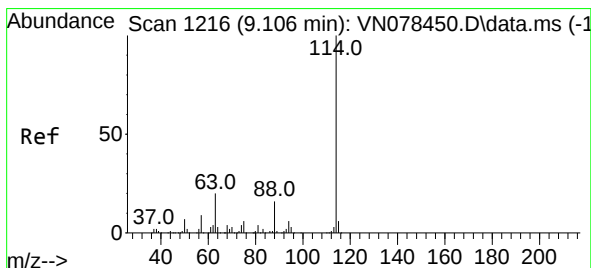
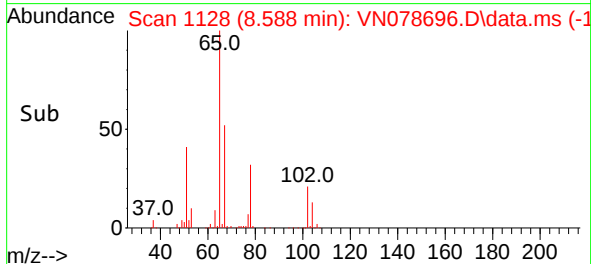
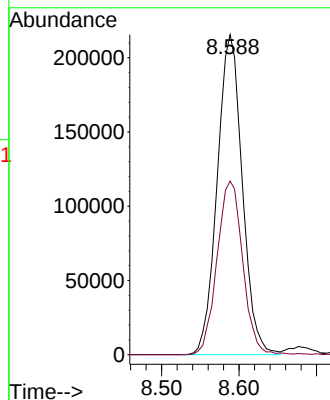
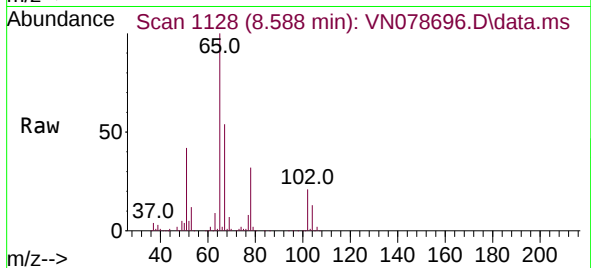
Carlone

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Supervised By :Mahesh

Dadoda

07/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

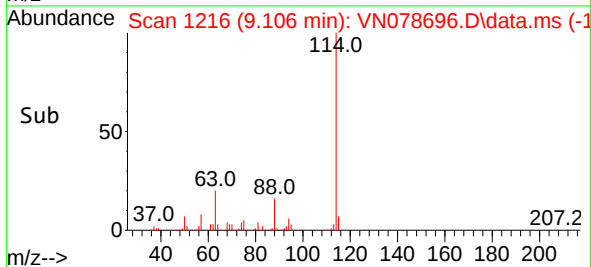
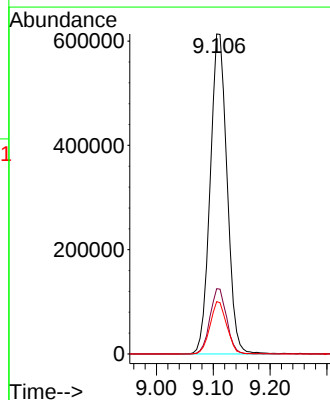
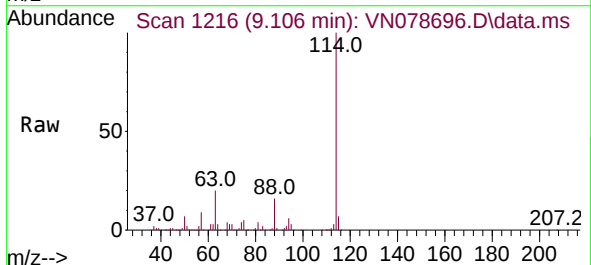
Tgt Ion:114 Resp: 1260868

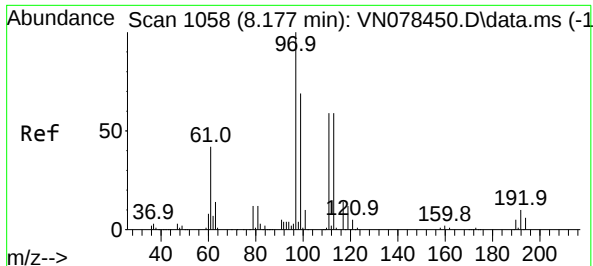
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.800 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBSD01

Tgt Ion:113 Resp: 43480

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	123.8
192	19.1	12.7	19.1

Manual Integrations

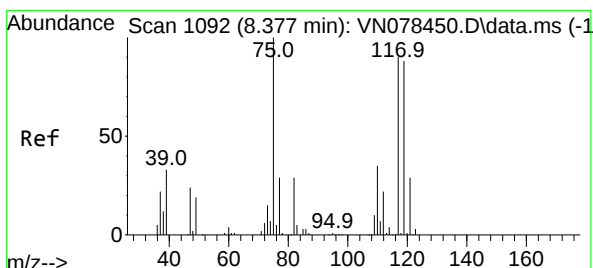
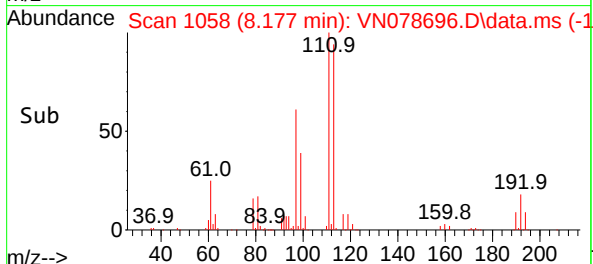
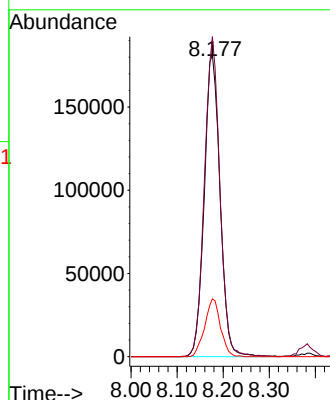
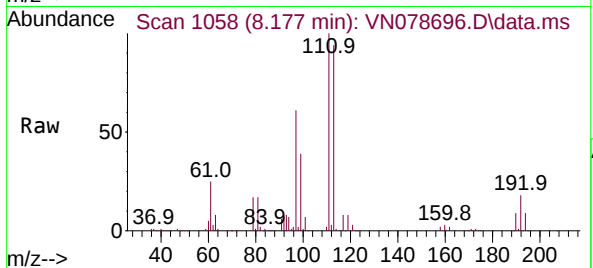
APPROVED

Reviewed By :John
Carlone

07/31/2023

Supervised By :Mahesh
Dadoda

07/31/2023



#36

1,1-Dichloropropene

Concen: 19.910 ug/l

RT: 8.377 min Scan# 1092

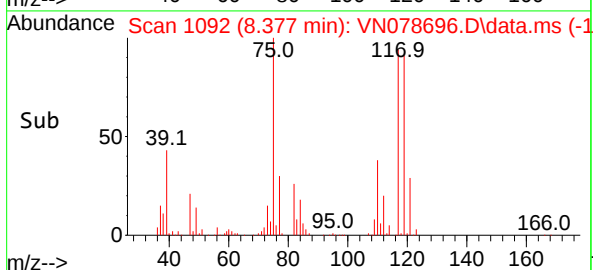
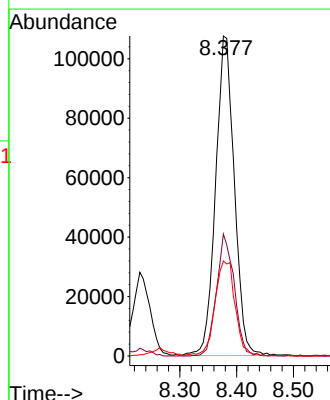
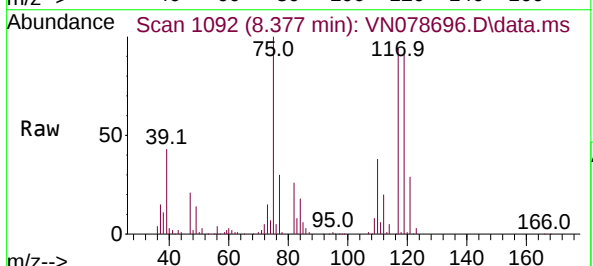
Delta R.T. -0.000 min

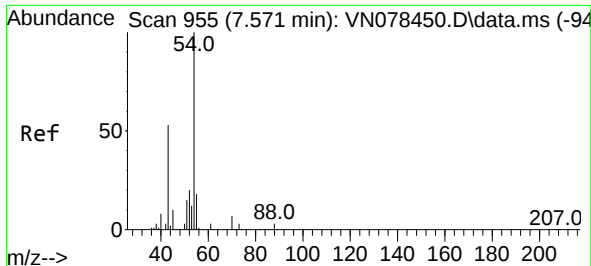
Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

Tgt Ion: 75 Resp: 246066

Ion	Ratio	Lower	Upper
75	100		
110	36.3	19.1	57.3
77	32.2	25.0	37.4





#37

Ethyl Acetate

Concen: 21.698 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078696.D

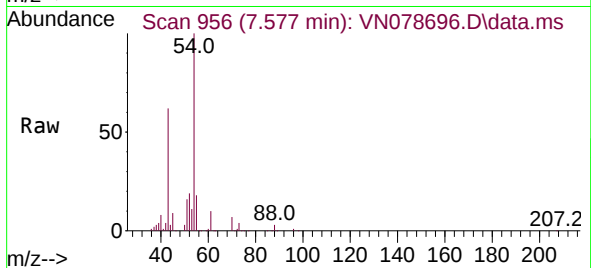
Acq: 28 Jul 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBSD01



Tgt Ion:	43	Resp:	22353
Ion	Ratio	Lower	Upper
43	100		
61	15.4	13.2	19.8
70	12.0	11.3	16.9

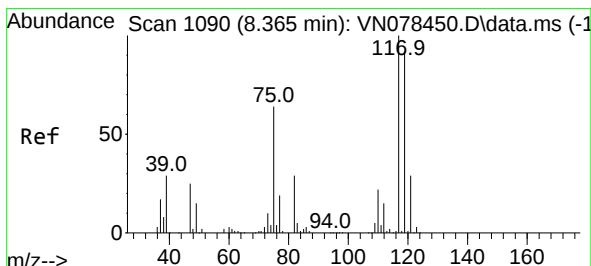
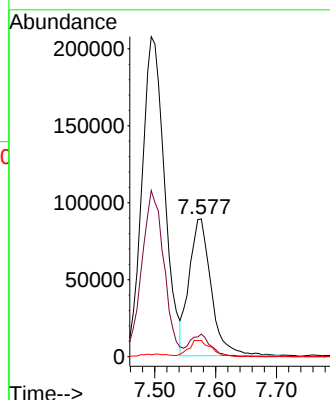
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/31/2023

Supervised By :Mahesh
Dadoda

07/31/2023



#38

Carbon Tetrachloride

Concen: 19.935 ug/l

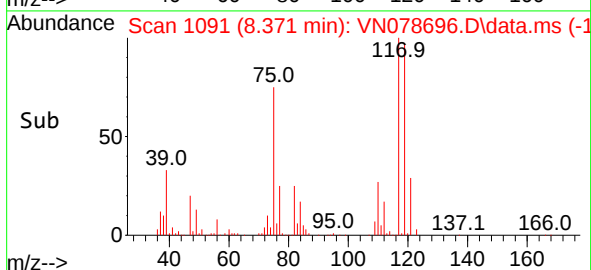
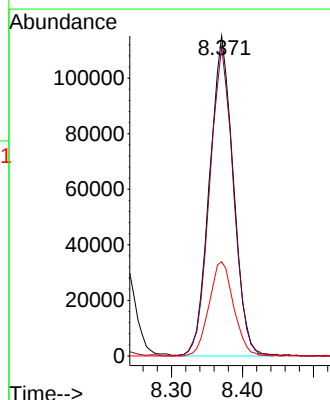
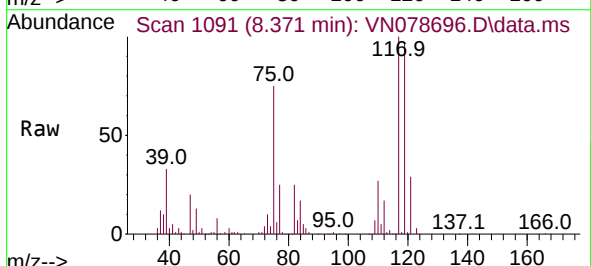
RT: 8.371 min Scan# 1091

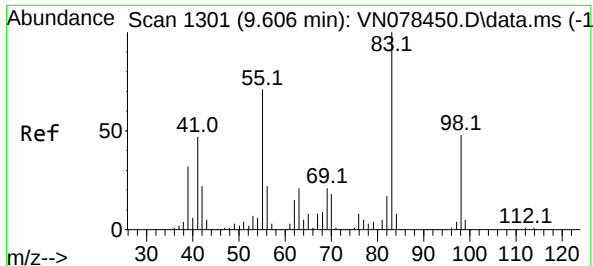
Delta R.T. 0.006 min

Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

Tgt Ion:	117	Resp:	267766
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.3	115.9
121	29.4	23.3	34.9





#39

Methylcyclohexane

Concen: 19.373 ug/l

RT: 9.612 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBSD01

Tgt Ion: 83 Resp: 218540

Ion	Ratio	Lower	Upper
83	100		
55	76.6	49.1	73.7
98	44.1	40.6	61.0

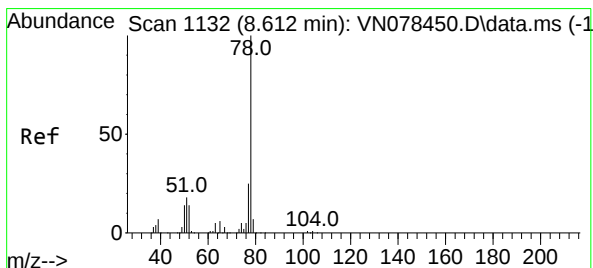
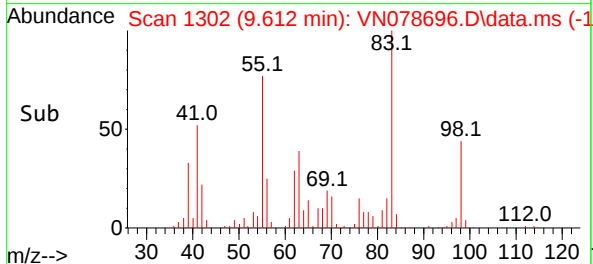
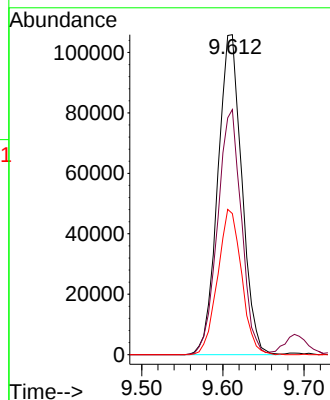
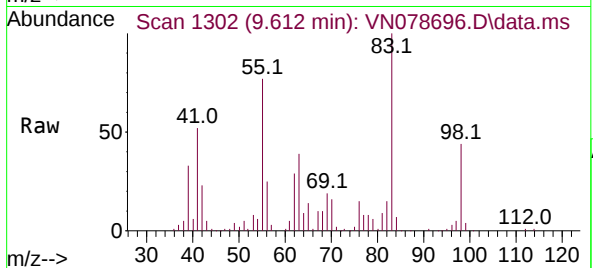
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/31/2023

Supervised By :Mahesh
Dadoda

07/31/2023



#40

Benzene

Concen: 21.234 ug/l

RT: 8.612 min Scan# 1132

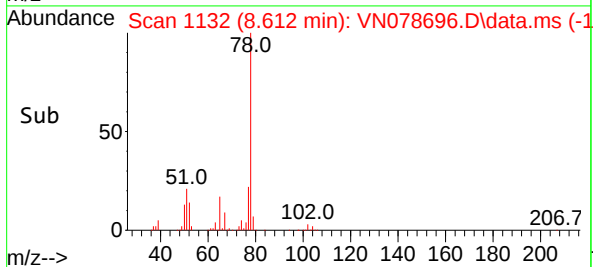
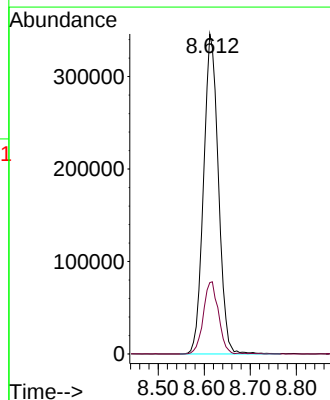
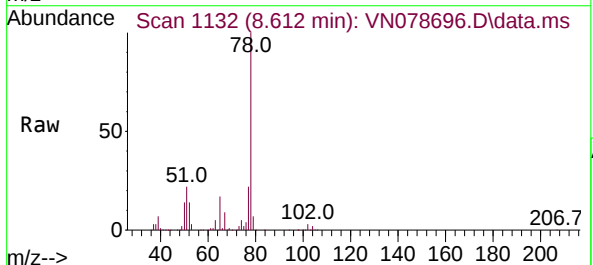
Delta R.T. -0.000 min

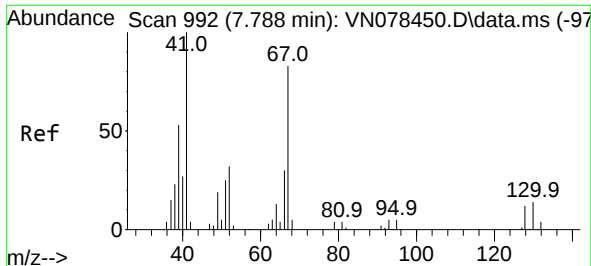
Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

Tgt Ion: 78 Resp: 777452

Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.0	28.6





#41
Methacrylonitrile
Concen: 22.333 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBSD01

Tgt Ion: 41 Resp: 11729
Ion Ratio Lower Upper
41 100
39 51.2 42.6 64.0
67 85.1 77.5 116.3
52 33.1 28.9 43.3

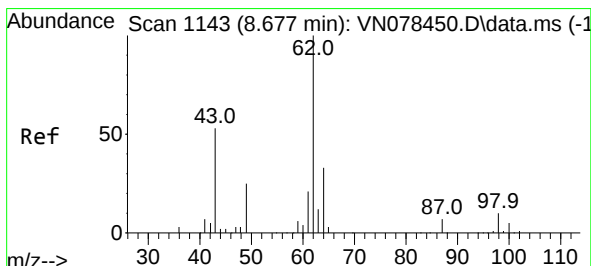
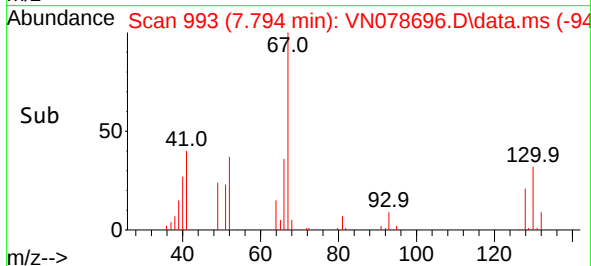
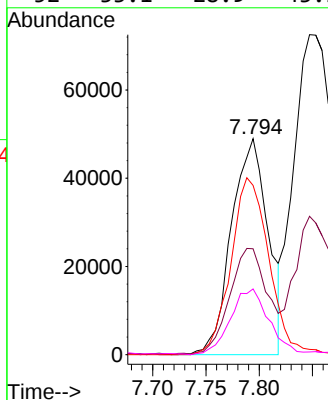
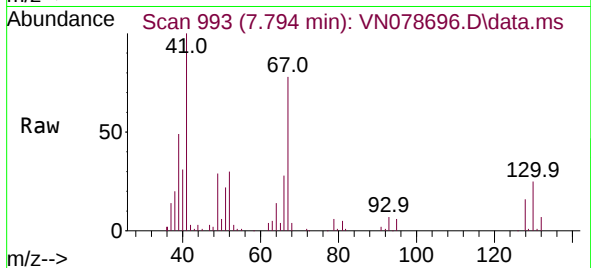
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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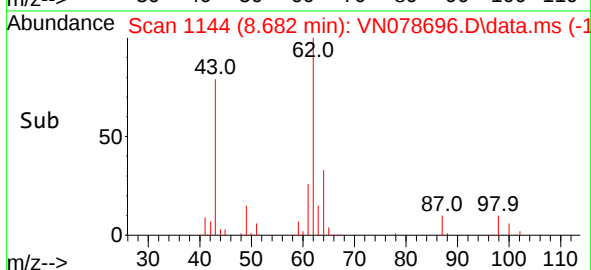
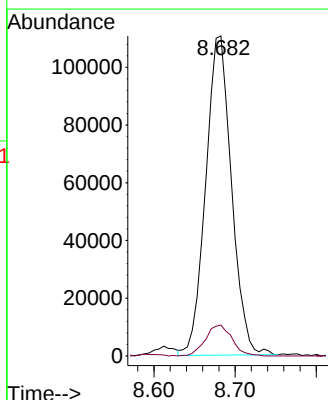
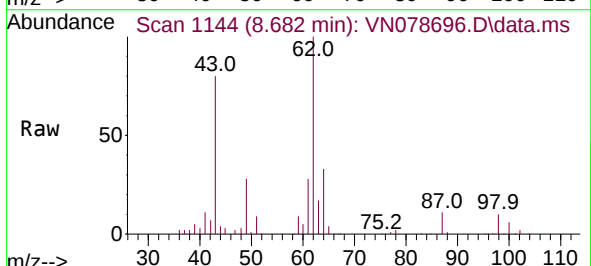
Supervised By :Mahesh
Dadoda

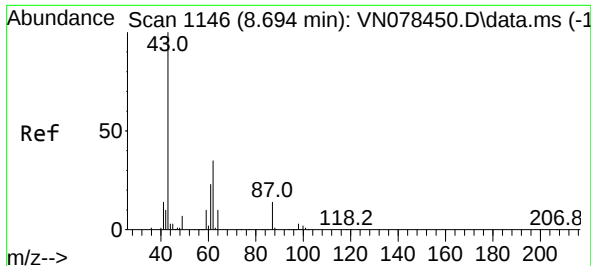
07/31/2023



#42
1,2-Dichloroethane
Concen: 19.630 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Tgt Ion: 62 Resp: 244459
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 23.670 ug/l

RT: 8.700 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN078696.D

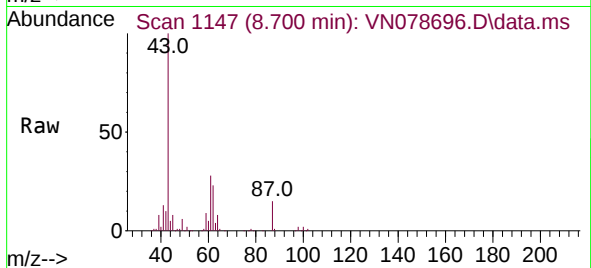
Acq: 28 Jul 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBSD01



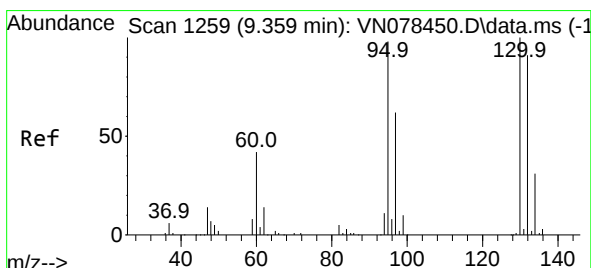
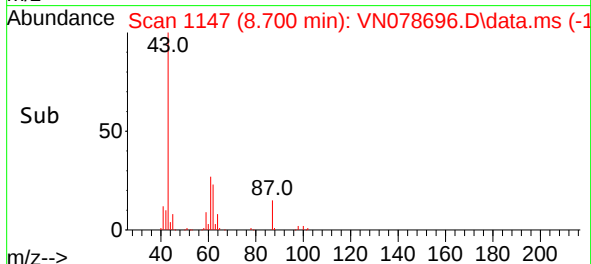
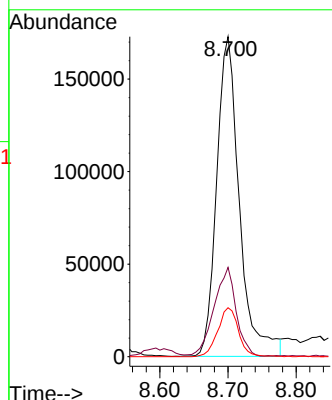
Tgt Ion:	43	Resp:	40148
Ion Ratio	100	Lower	Upper
61	27.0	24.7	37.1
87	13.9	14.6	21.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/31/2023
Supervised By :Mahesh
Dadoda

07/31/2023



#44

Trichloroethene

Concen: 18.879 ug/l

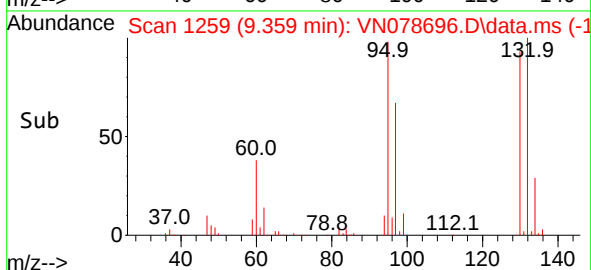
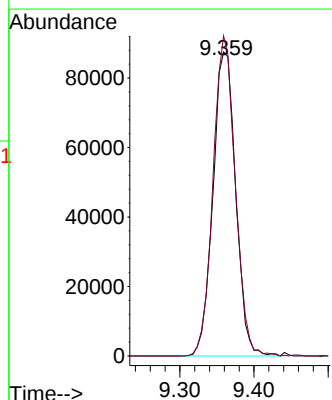
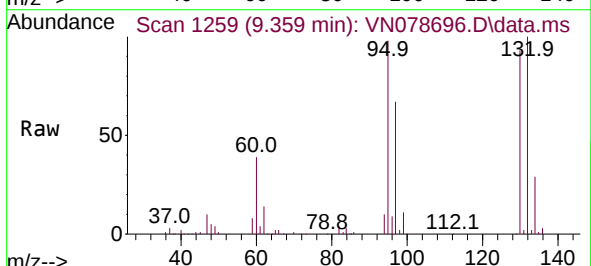
RT: 9.359 min Scan# 1259

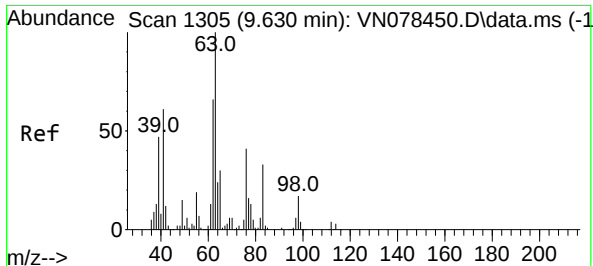
Delta R.T. -0.000 min

Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

Tgt Ion:	130	Resp:	186301
Ion Ratio	100	Lower	Upper
95	105.3	0.0	204.6





#45

1,2-Dichloropropane

Concen: 21.943 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBSD01

Tgt Ion: 63 Resp: 203484

Ion Ratio Lower Upper

63 100

65 31.6 23.9 35.9

Manual Integrations

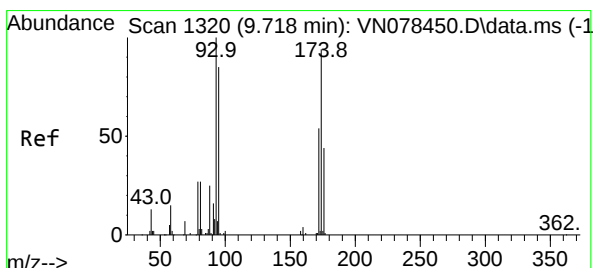
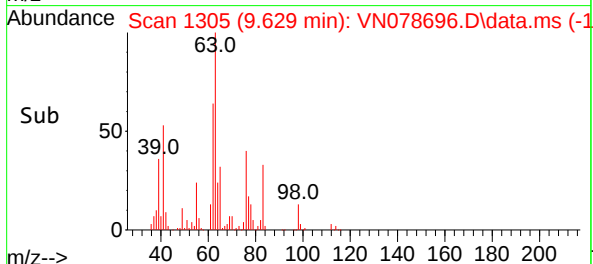
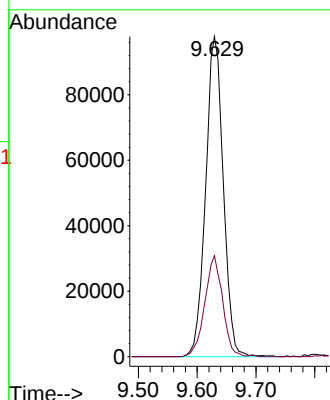
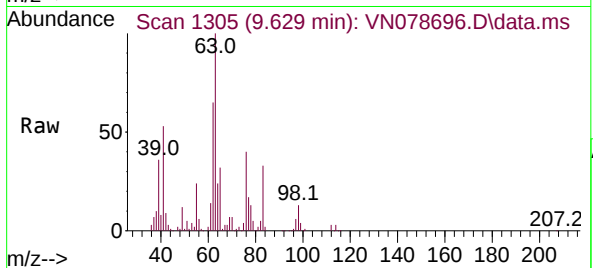
APPROVED

Reviewed By :John
Carlone

07/31/2023

Supervised By :Mahesh
Dadoda

07/31/2023



#46

Dibromomethane

Concen: 20.679 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

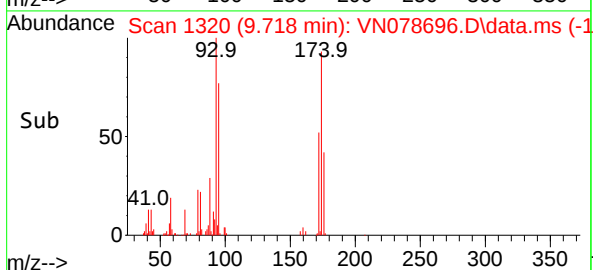
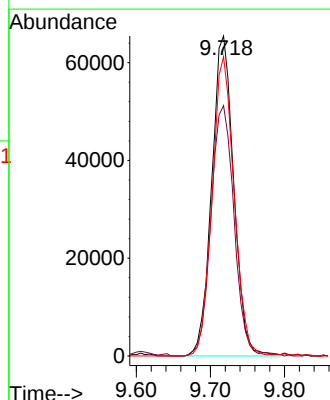
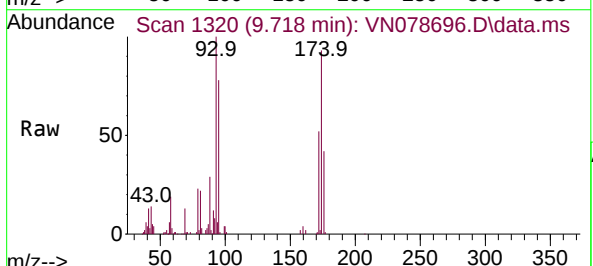
Tgt Ion: 93 Resp: 134969

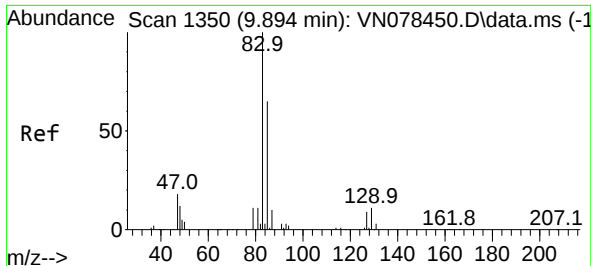
Ion Ratio Lower Upper

93 100

95 81.8 63.8 95.8

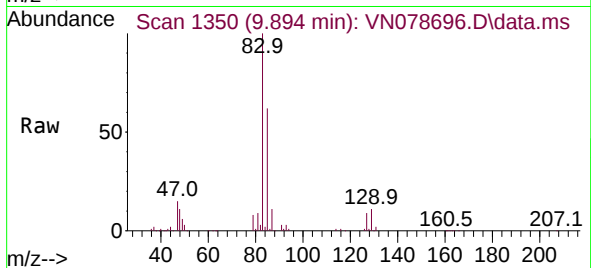
174 93.2 65.6 98.4





#47
Bromodichloromethane
Concen: 20.247 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



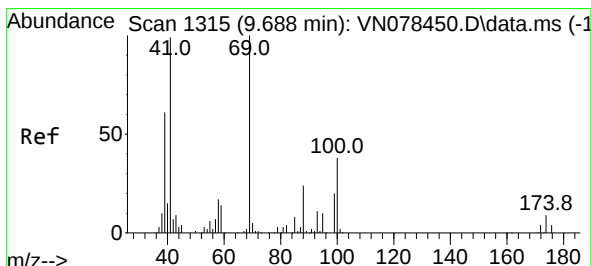
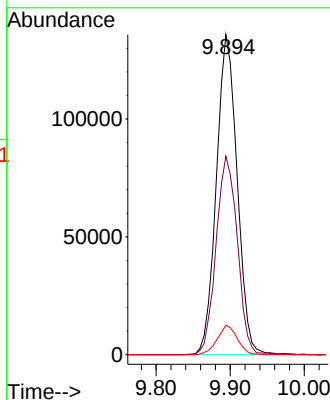
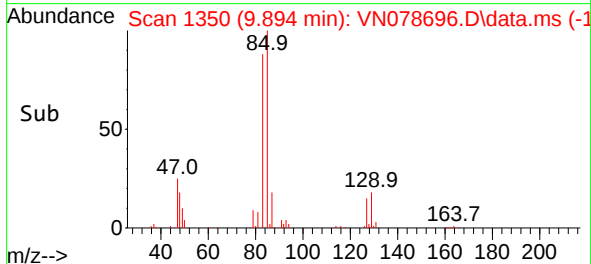
Tgt Ion: 83 Resp: 26489
Ion Ratio Lower Upper
83 100
85 62.1 49.6 74.4
127 9.2 7.0 10.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

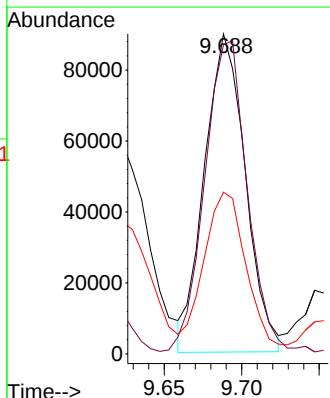
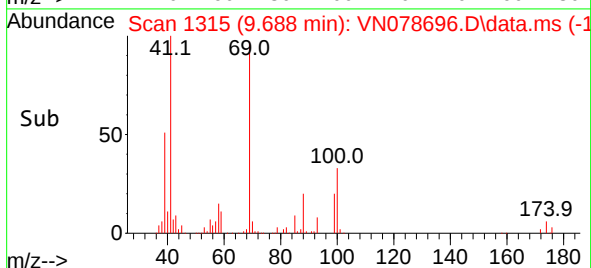
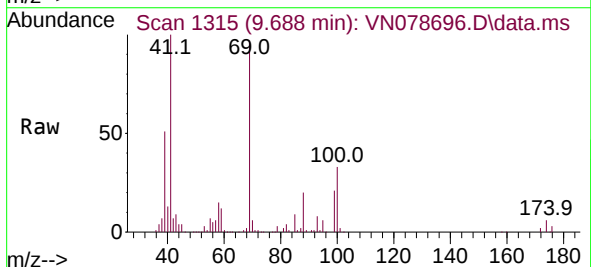
07/31/2023
Supervised By :Mahesh
Dadoda

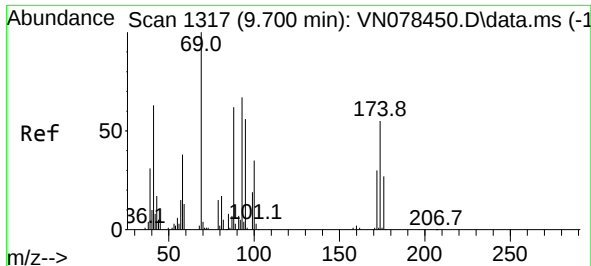
07/31/2023



#48
Methyl methacrylate
Concen: 20.974 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Tgt Ion: 41 Resp: 164814
Ion Ratio Lower Upper
41 100
69 102.2 90.4 135.6
39 53.6 54.6 81.8





#49

1,4-Dioxane

Concen: 429.098 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBSD01

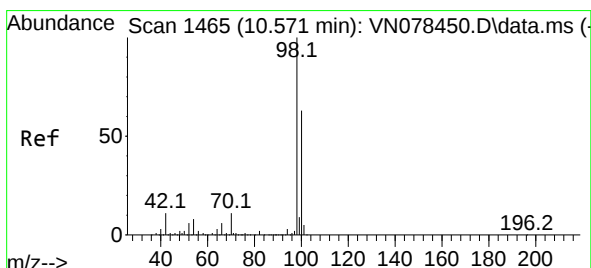
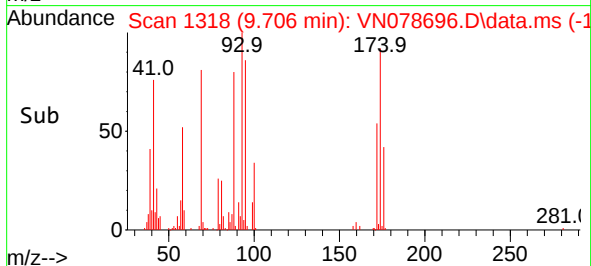
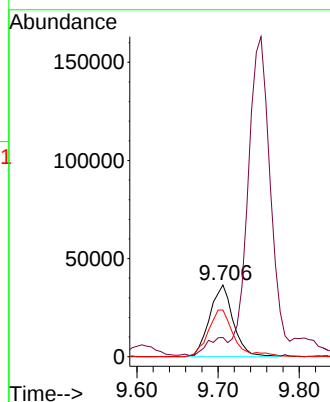
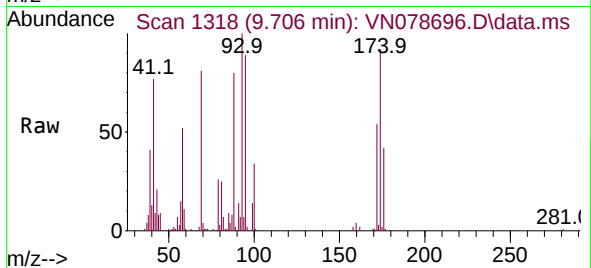
Tgt Ion: 88 Resp: 73538
 Ion Ratio Lower Upper
 88 100
 43 0.0 17.0 25.6
 58 71.4 47.0 70.4

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

07/31/2023
 Supervised By :Mahesh
 Dadoda

07/31/2023



#50

Toluene-d8

Concen: 48.234 ug/l

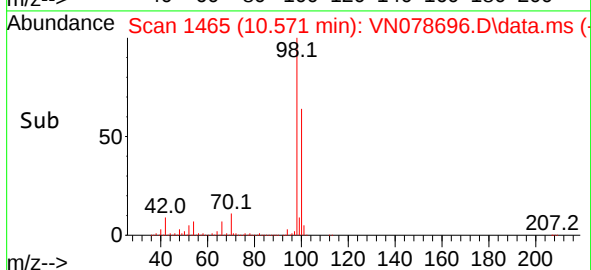
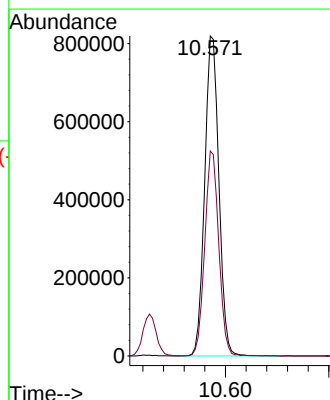
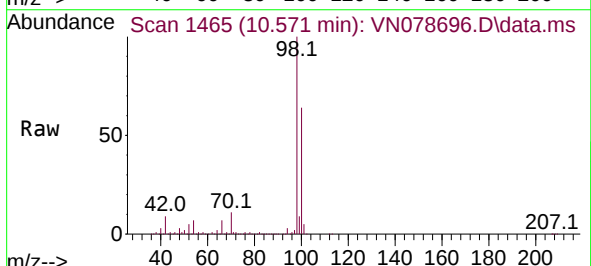
RT: 10.571 min Scan# 1465

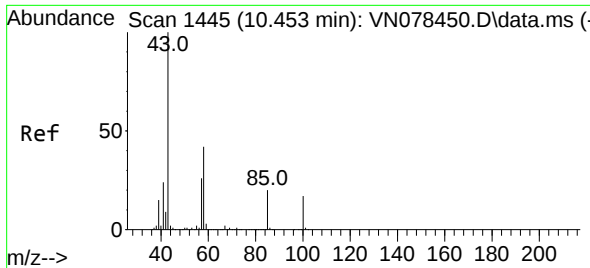
Delta R.T. -0.000 min

Lab File: VN078696.D

Acq: 28 Jul 2023 20:08

Tgt Ion: 98 Resp: 1559604
 Ion Ratio Lower Upper
 98 100
 100 63.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 113.413 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

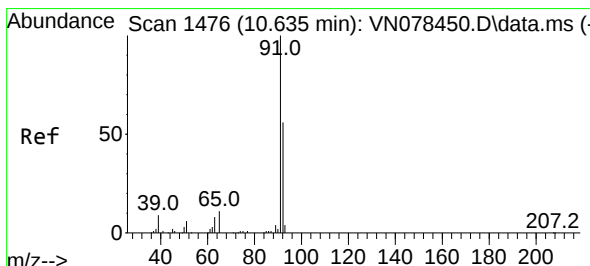
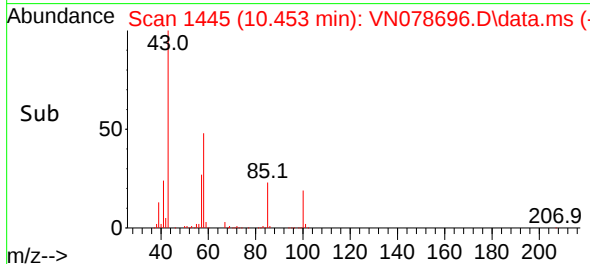
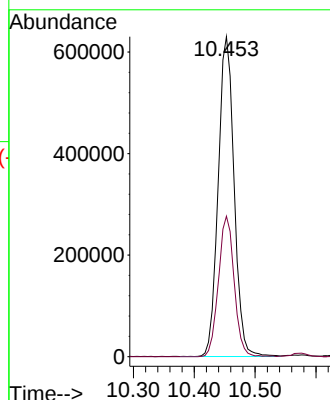
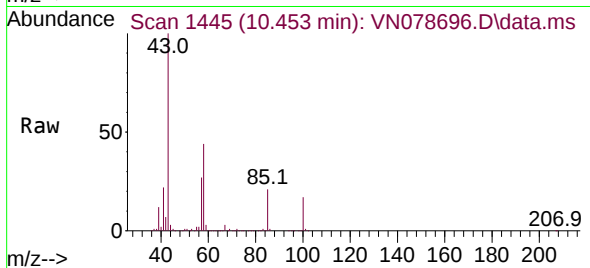
Tgt Ion: 43 Resp: 1144219
Ion Ratio Lower Upper
43 100
58 43.3 36.6 54.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

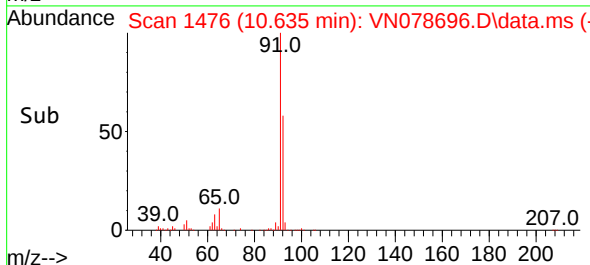
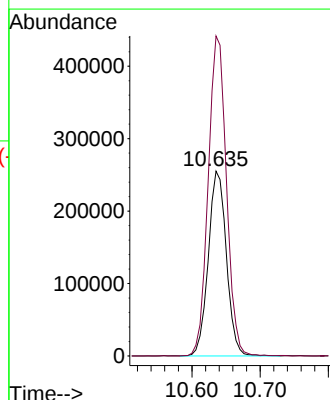
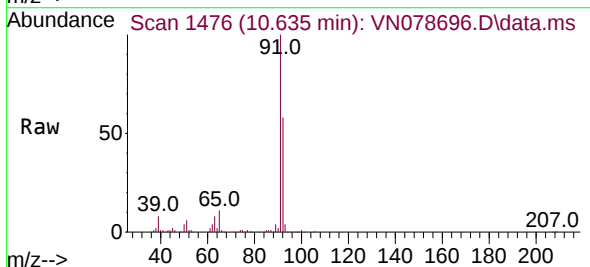
07/31/2023
Supervised By :Mahesh
Dadoda

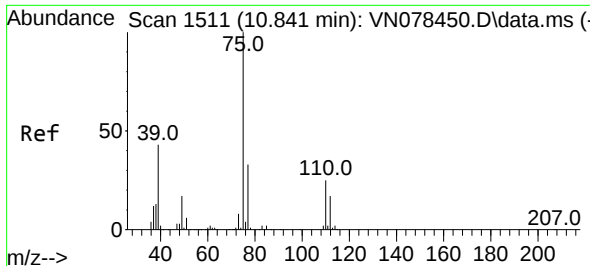
07/31/2023



#52
Toluene
Concen: 20.768 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

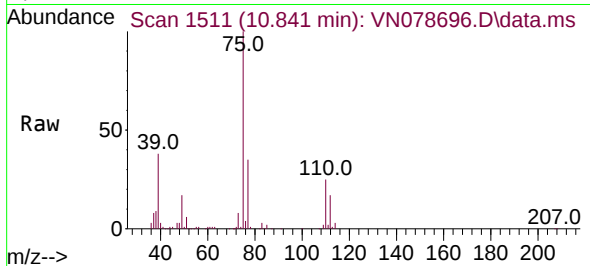
Tgt Ion: 92 Resp: 471279
Ion Ratio Lower Upper
92 100
91 174.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.586 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



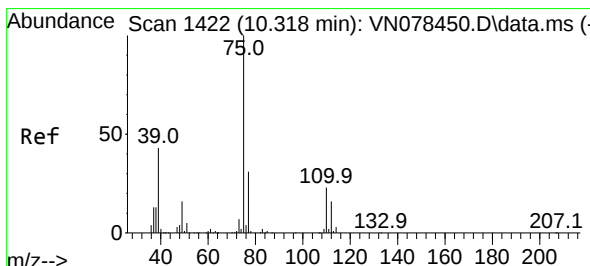
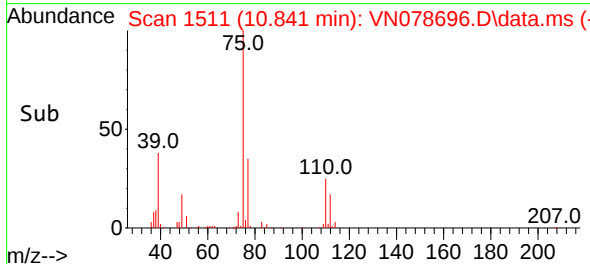
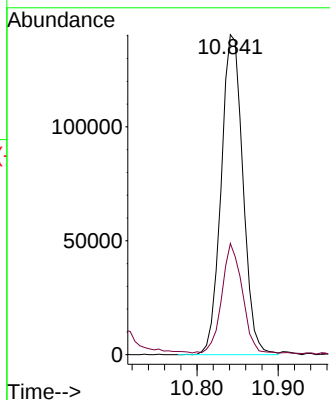
Tgt Ion: 75 Resp: 26251
Ion Ratio Lower Upper
75 100
77 34.2 25.4 38.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

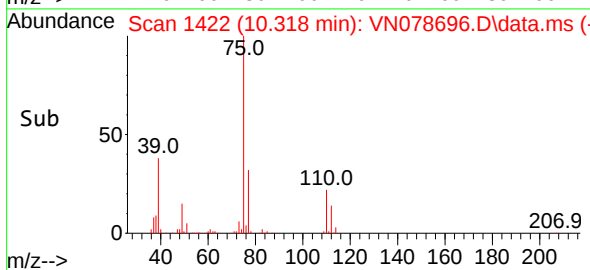
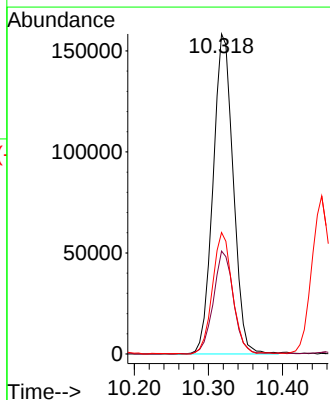
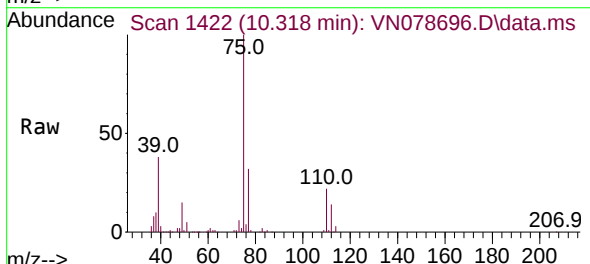
07/31/2023
Supervised By :Mahesh
Dadoda

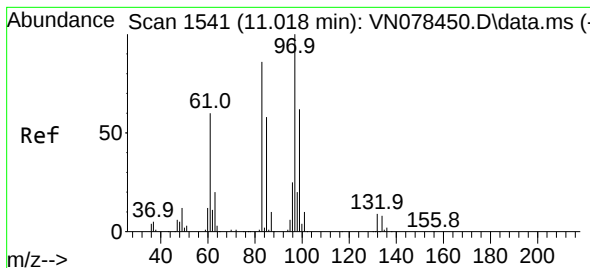
07/31/2023



#54
cis-1,3-Dichloropropene
Concen: 20.940 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

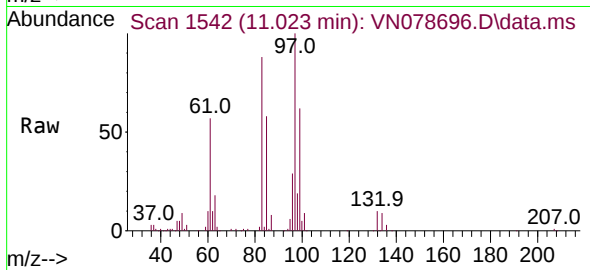
Tgt Ion: 75 Resp: 299171
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
39 37.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.984 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



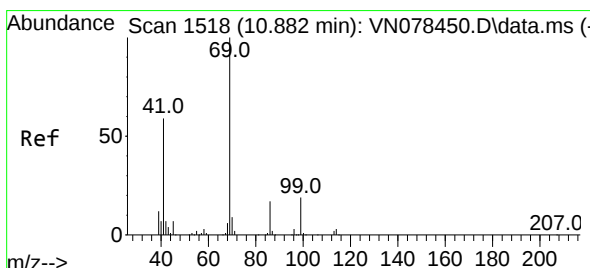
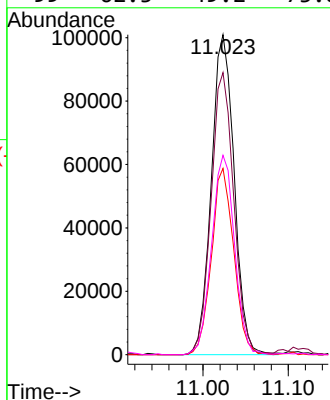
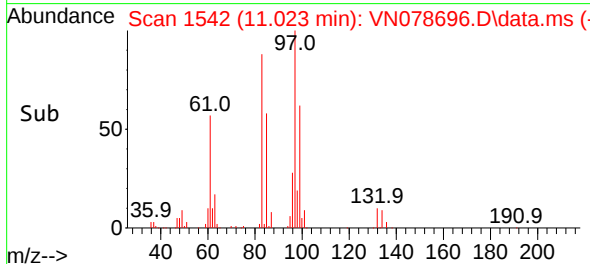
Tgt Ion: 97 Resp: 187609
Ion Ratio Lower Upper
97 100
83 88.1 65.1 97.7
85 58.2 43.4 65.2
99 62.3 49.2 73.8

Manual Integrations
APPROVED

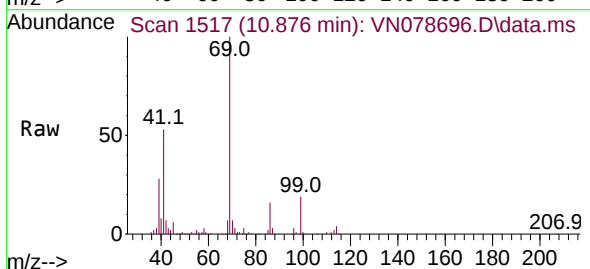
Reviewed By :John
Carlone

07/31/2023
Supervised By :Mahesh
Dadoda

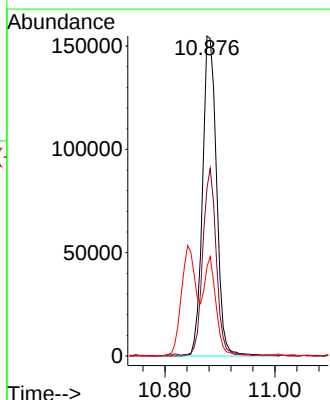
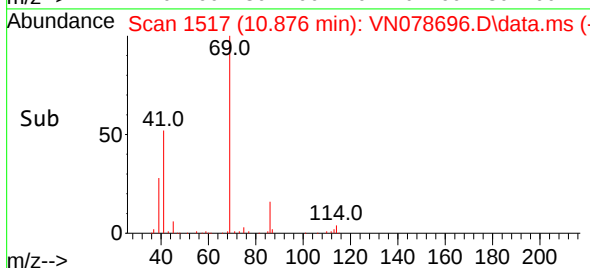
07/31/2023

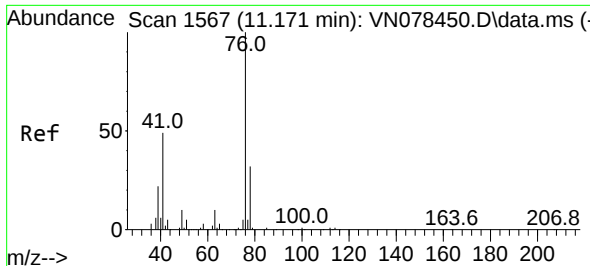


#56
Ethyl methacrylate
Concen: 21.904 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08



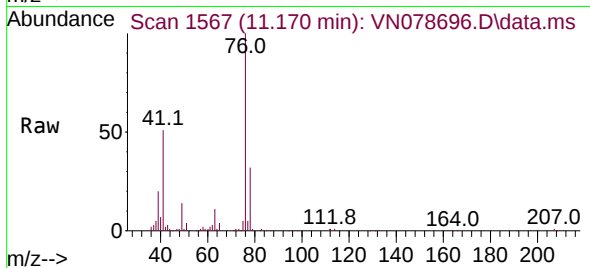
Tgt Ion: 69 Resp: 273750
Ion Ratio Lower Upper
69 100
41 56.2 39.6 59.4
39 26.0 28.6 43.0





#57
1,3-Dichloropropane
Concen: 20.689 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



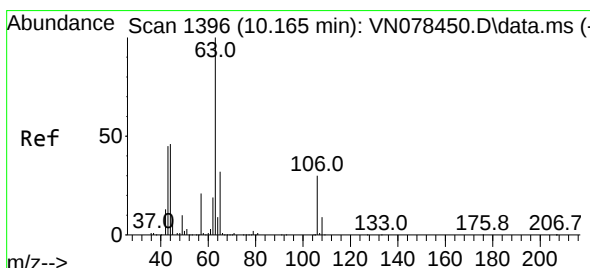
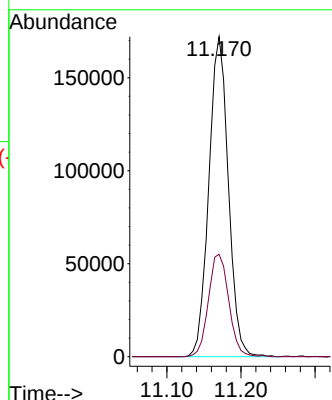
Tgt Ion: 76 Resp: 314510
Ion Ratio Lower Upper
76 100
78 33.4 26.1 39.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

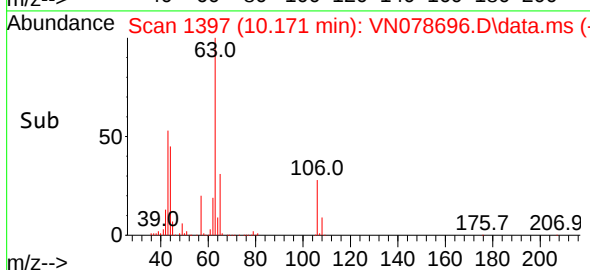
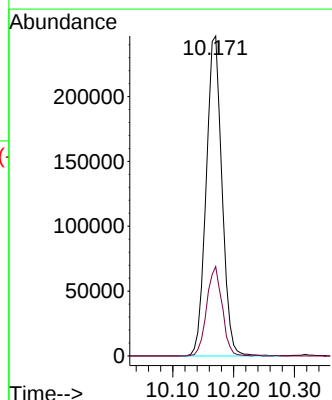
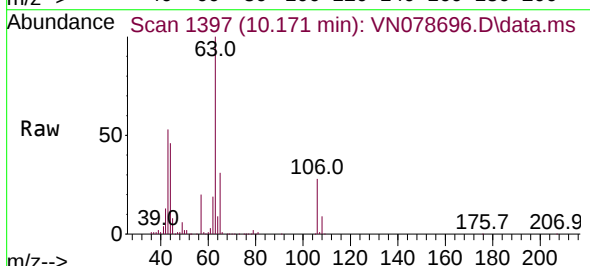
07/31/2023
Supervised By :Mahesh
Dadoda

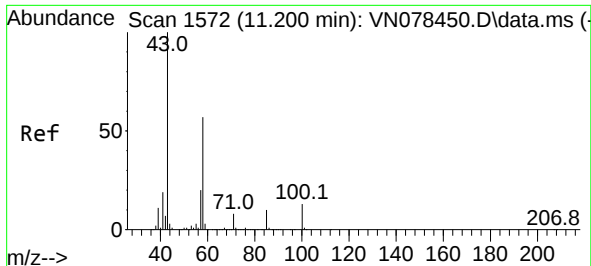
07/31/2023



#58
2-Chloroethyl Vinyl ether
Concen: 99.942 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Tgt Ion: 63 Resp: 445138
Ion Ratio Lower Upper
63 100
106 27.3 26.2 39.4





#59
2-Hexanone
Concen: 113.201 ug/l
RT: 11.200 min Scan# 11168
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

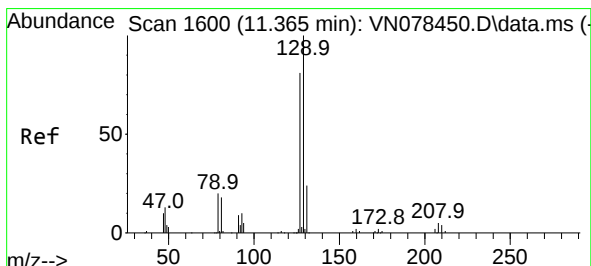
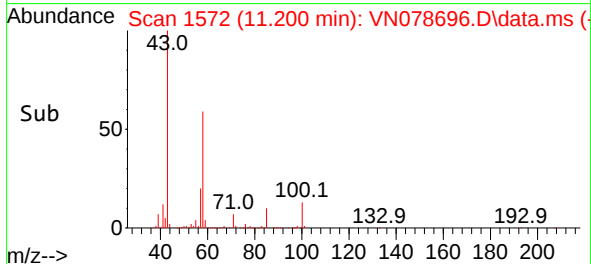
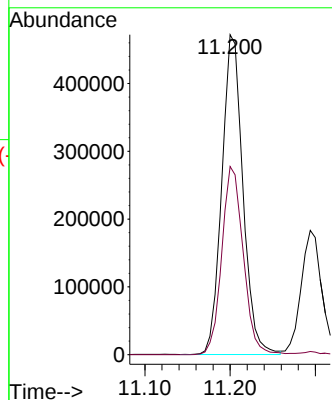
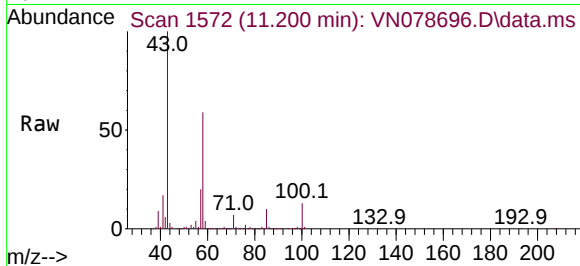
Tgt Ion: 43 Resp: 81168
Ion Ratio Lower Upper
43 100
58 60.0 31.7 95.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

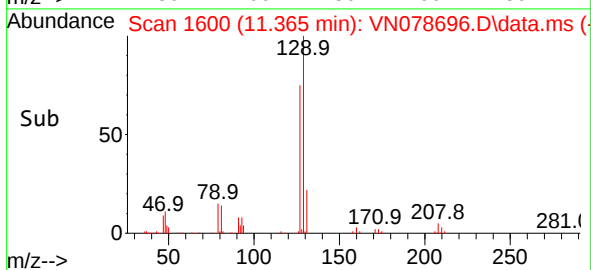
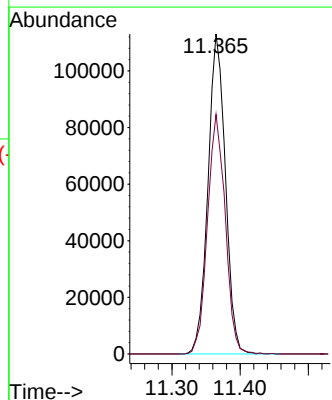
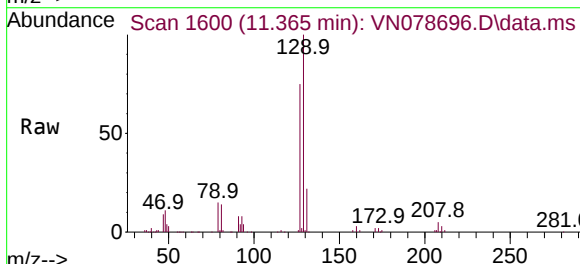
07/31/2023
Supervised By :Mahesh
Dadoda

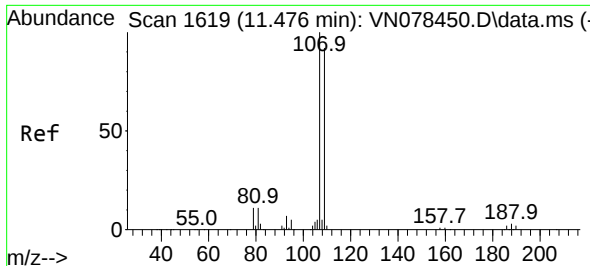
07/31/2023



#60
Dibromochloromethane
Concen: 20.366 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

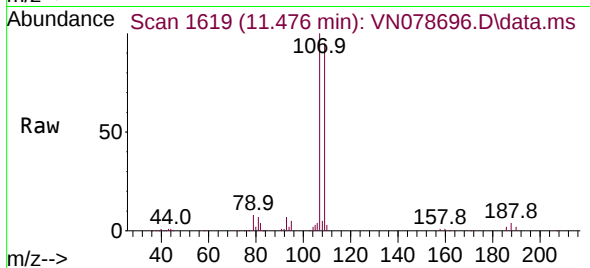
Tgt Ion:129 Resp: 201020
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.590 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



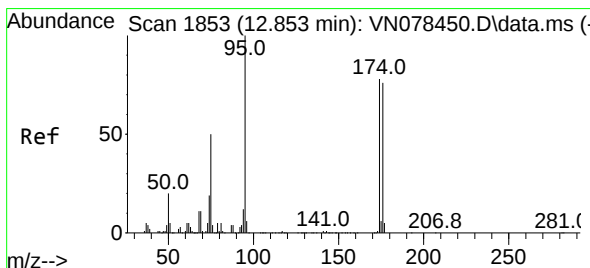
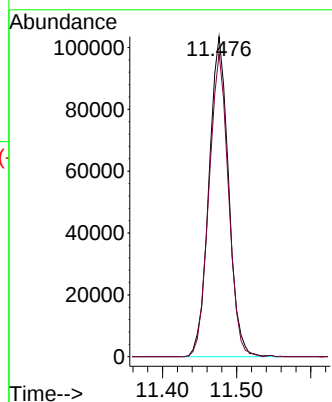
Tgt Ion:107 Resp: 18963
Ion Ratio Lower Upper
107 100
109 94.3 76.6 114.8

Manual Integrations
APPROVED

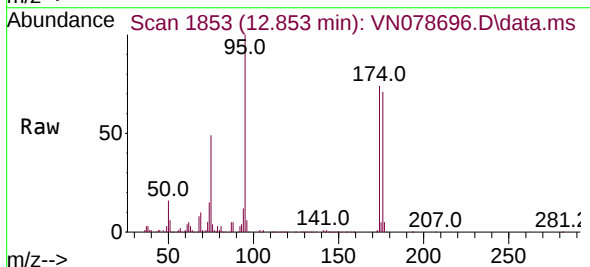
Reviewed By :John
Carlone

07/31/2023
Supervised By :Mahesh
Dadoda

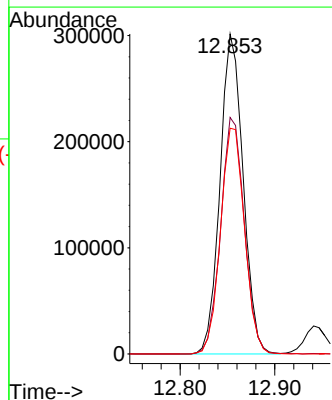
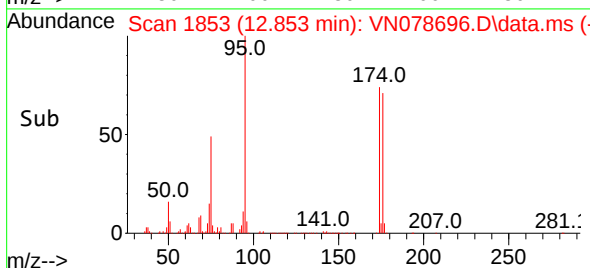
07/31/2023

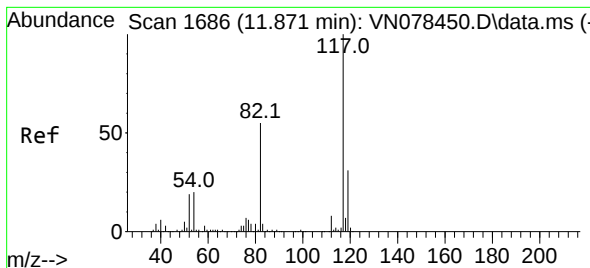


#62
4-Bromofluorobenzene
Concen: 51.250 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08



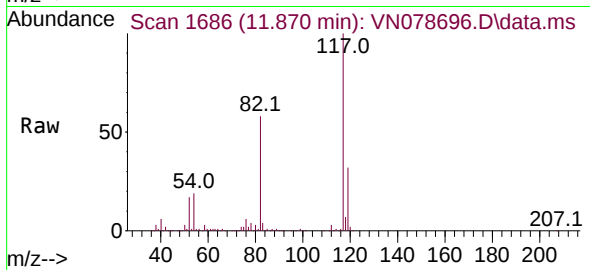
Tgt Ion: 95 Resp: 510426
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 73.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



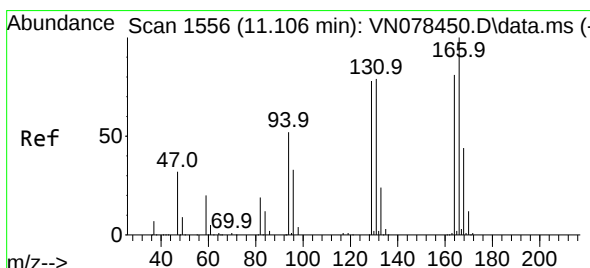
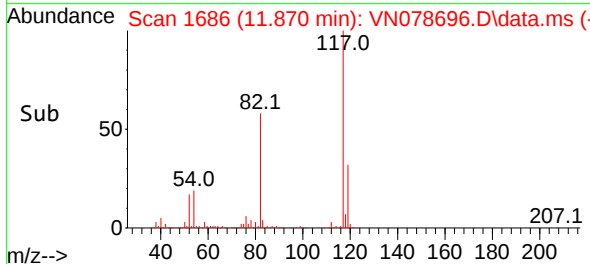
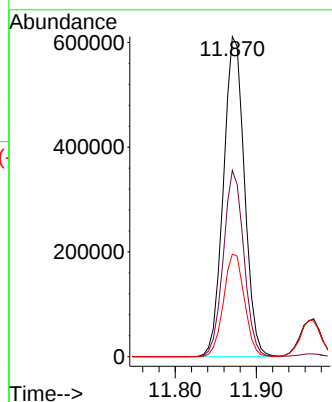
Tgt Ion:117 Resp: 109868
Ion Ratio Lower Upper
117 100
82 58.2 44.0 66.0
119 32.1 25.6 38.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

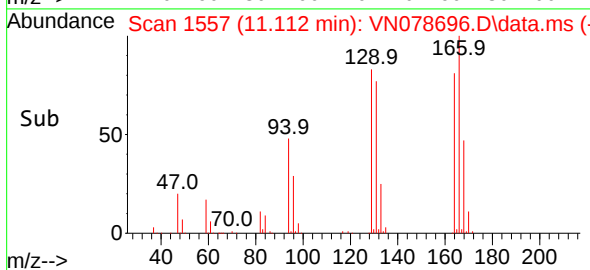
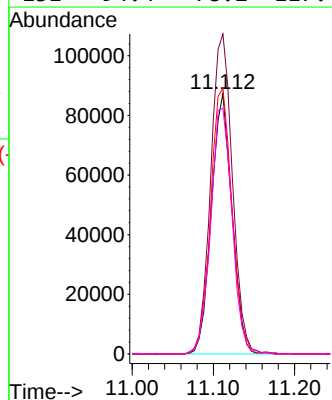
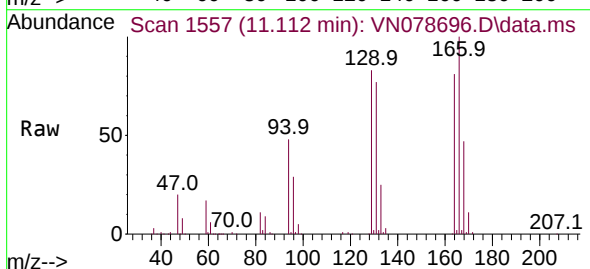
07/31/2023
Supervised By :Mahesh
Dadoda

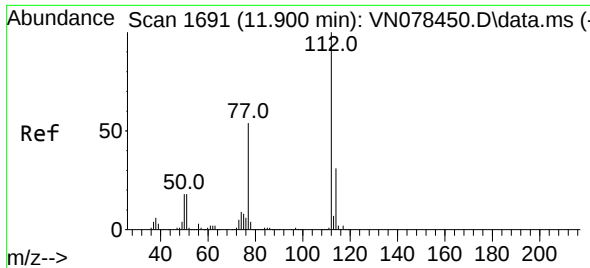
07/31/2023



#64
Tetrachloroethene
Concen: 18.588 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

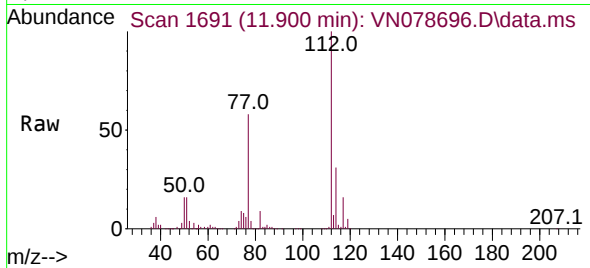
Tgt Ion:164 Resp: 153538
Ion Ratio Lower Upper
164 100
166 122.9 101.4 152.0
129 102.1 82.4 123.6
131 94.4 78.2 117.4





#65
Chlorobenzene
Concen: 19.538 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



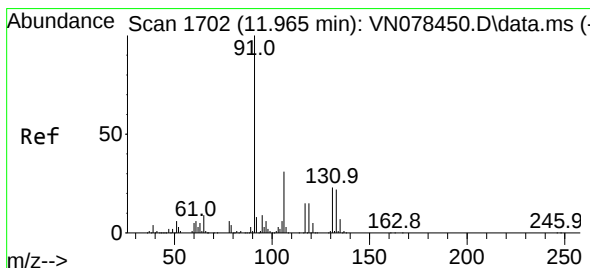
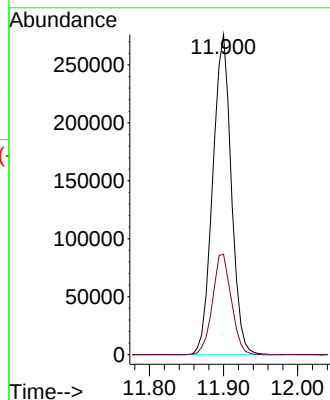
Tgt Ion:112 Resp: 47982
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

Manual Integrations
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Reviewed By :John
Carlone

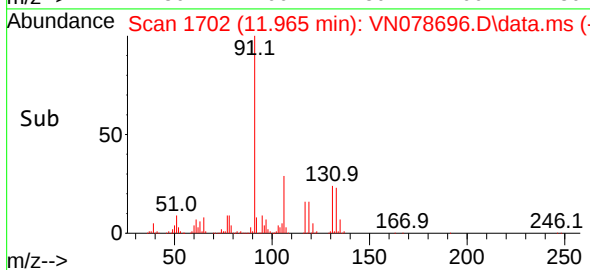
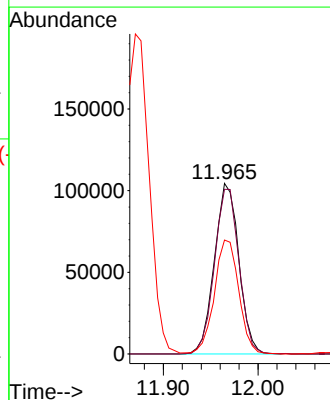
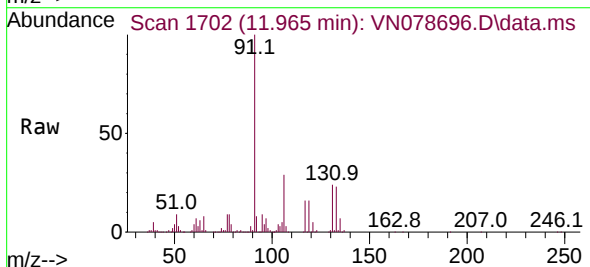
07/31/2023
Supervised By :Mahesh
Dadoda

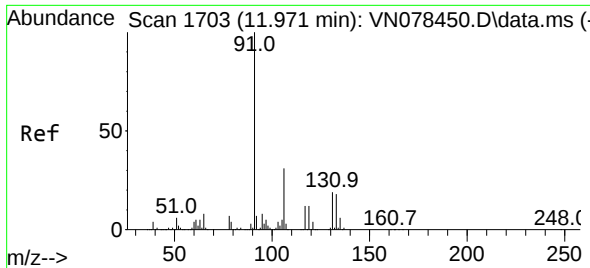
07/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.855 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

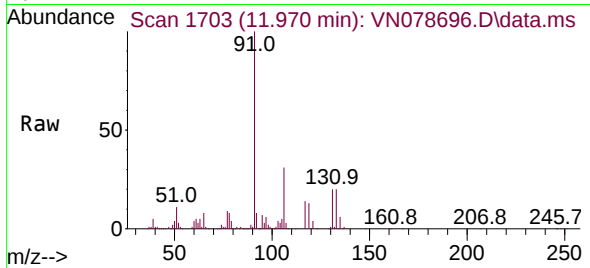
Tgt Ion:131 Resp: 187585
Ion Ratio Lower Upper
131 100
133 97.2 46.4 139.1
119 66.9 34.1 102.2





#67
Ethyl Benzene
Concen: 20.207 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



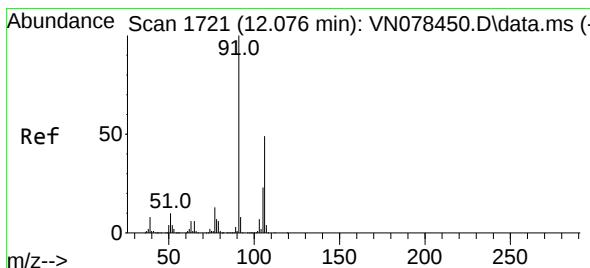
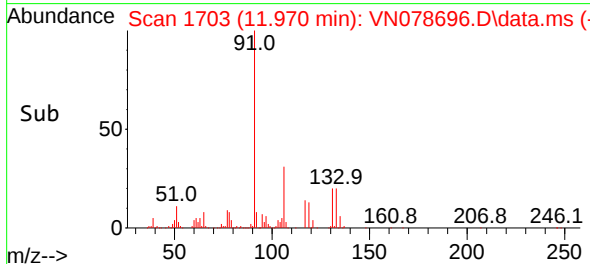
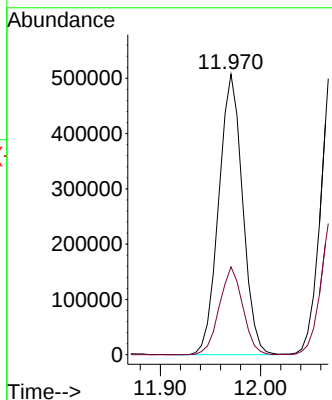
Tgt Ion: 91 Resp: 838824
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
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Reviewed By :John
Carlone

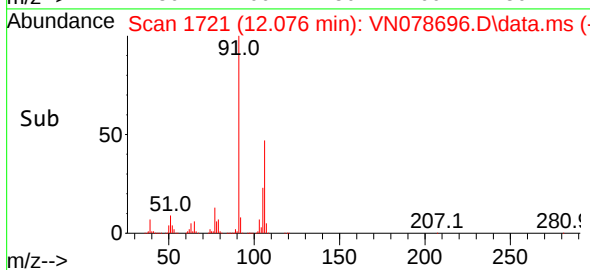
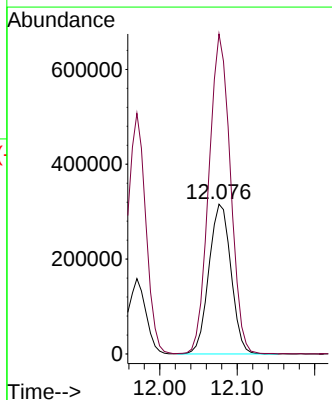
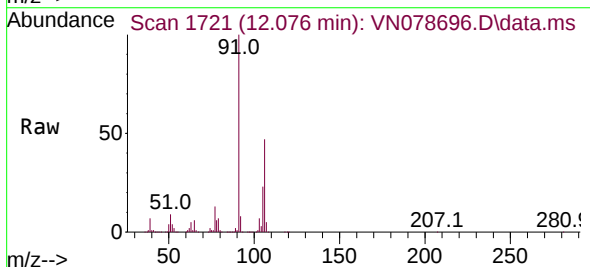
07/31/2023
Supervised By :Mahesh
Dadoda

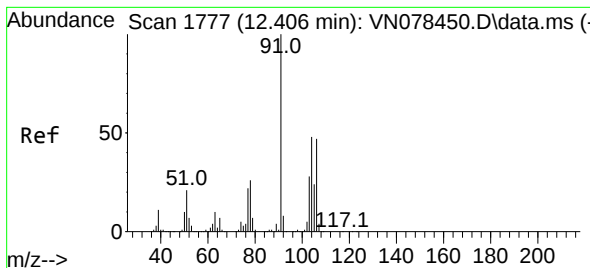
07/31/2023



#68
m/p-Xylenes
Concen: 40.782 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Tgt Ion:106 Resp: 625927
Ion Ratio Lower Upper
106 100
91 208.5 159.6 239.4





#69
o-Xylene
Concen: 19.993 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

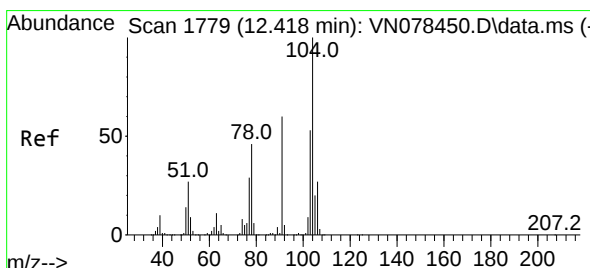
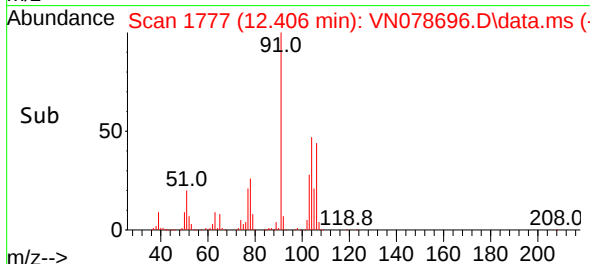
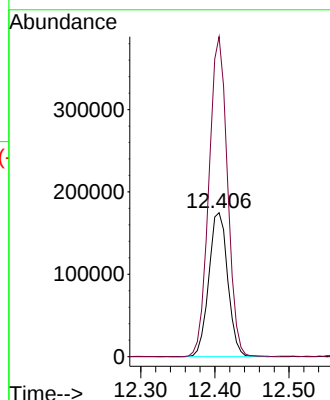
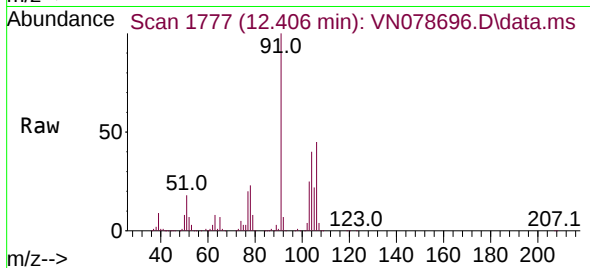
Tgt Ion:106 Resp: 309944
Ion Ratio Lower Upper
106 100
91 218.0 105.2 315.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

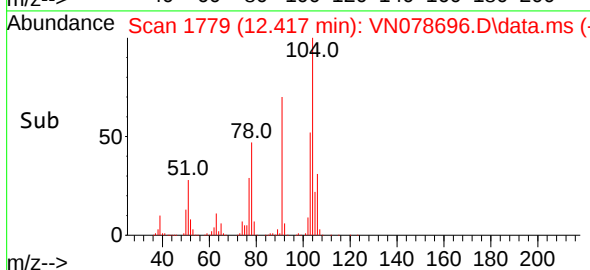
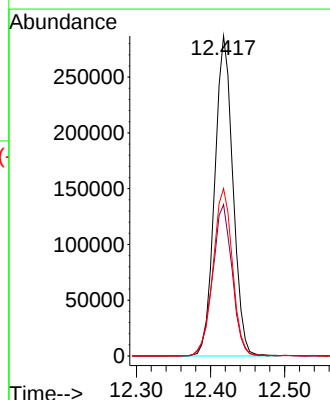
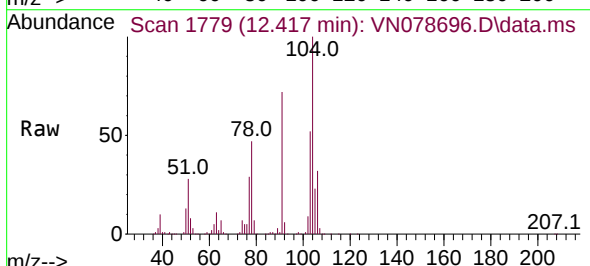
07/31/2023
Supervised By :Mahesh
Dadoda

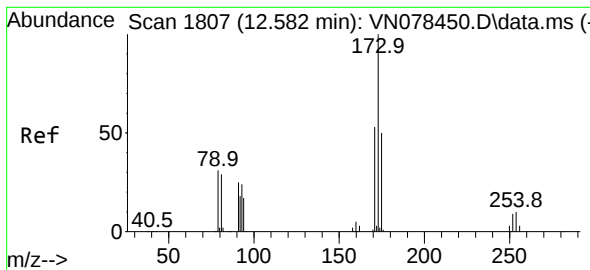
07/31/2023



#70
Styrene
Concen: 20.203 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

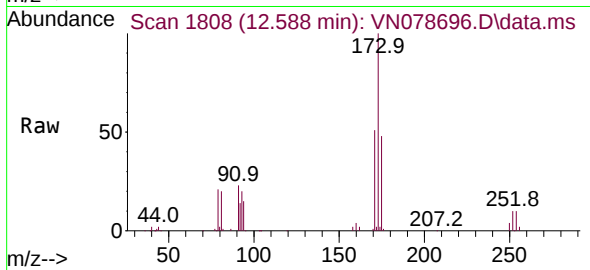
Tgt Ion:104 Resp: 489983
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 55.5 43.2 64.8





#71
Bromoform
Concen: 21.008 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



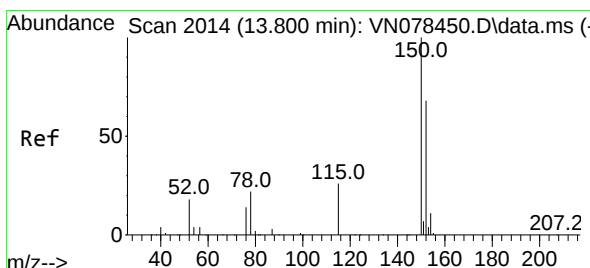
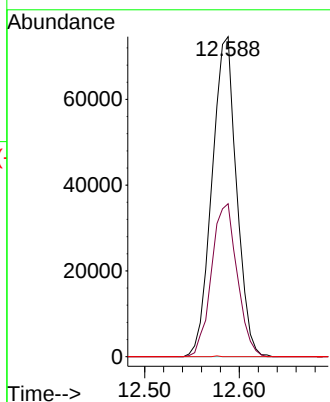
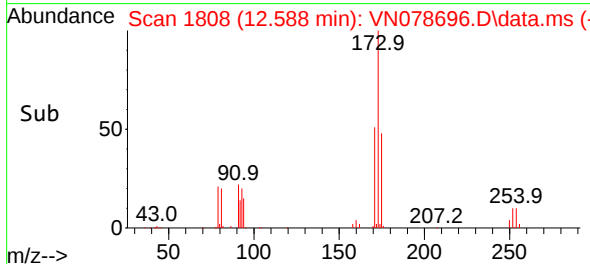
Tgt Ion:173 Resp: 134417
Ion Ratio Lower Upper
173 100
175 50.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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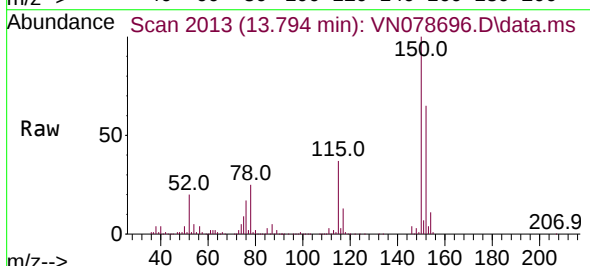
Reviewed By :John
Carlone

07/31/2023
Supervised By :Mahesh
Dadoda

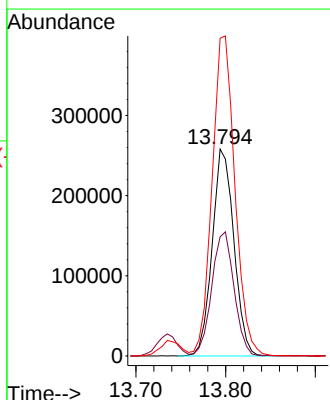
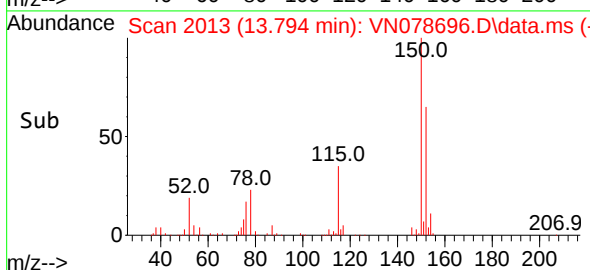
07/31/2023

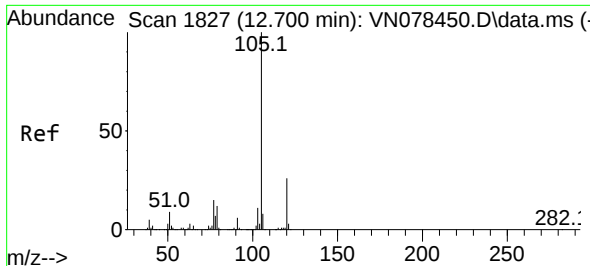


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08



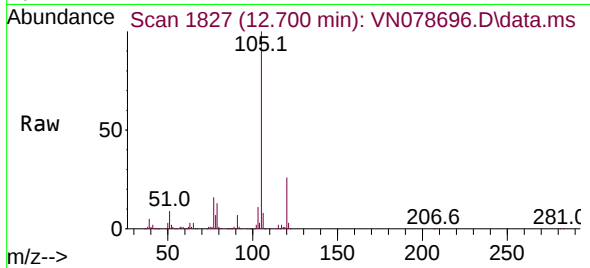
Tgt Ion:152 Resp: 433773
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 162.8 0.0 355.8





#73
Isopropylbenzene
Concen: 18.824 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



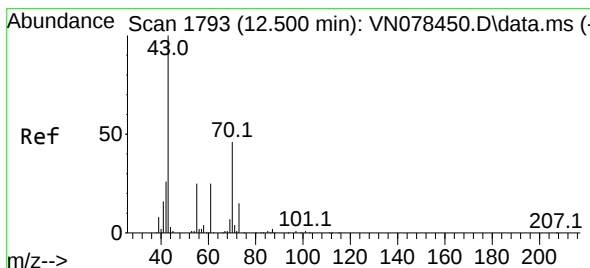
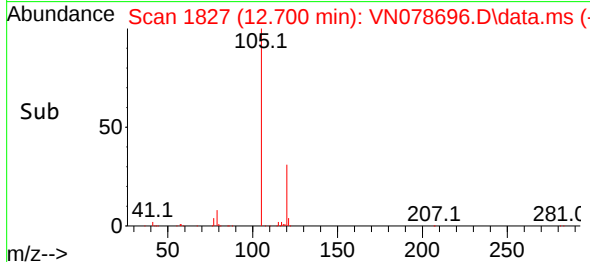
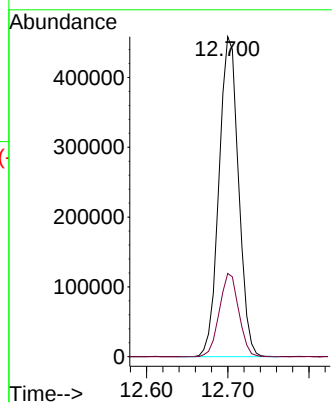
Tgt Ion:105 Resp: 767238
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

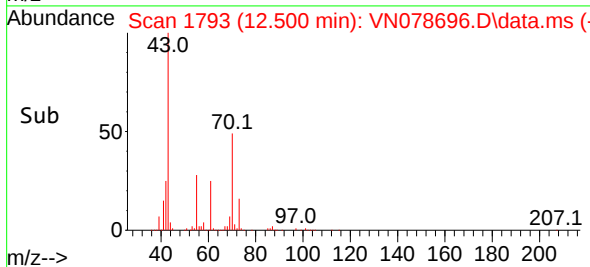
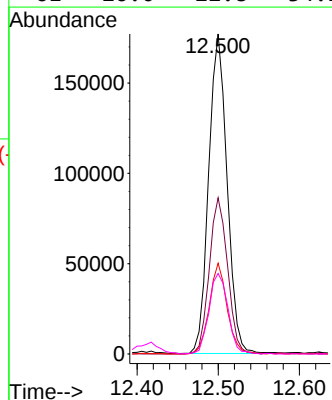
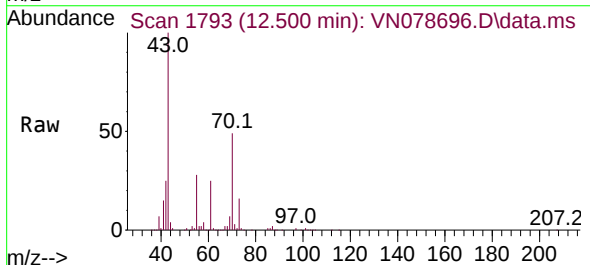
07/31/2023
Supervised By :Mahesh
Dadoda

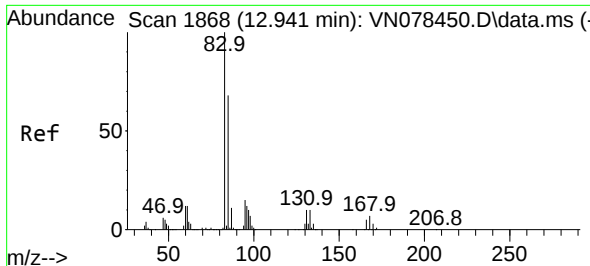
07/31/2023



#74
N-ethyl acetate
Concen: 19.812 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

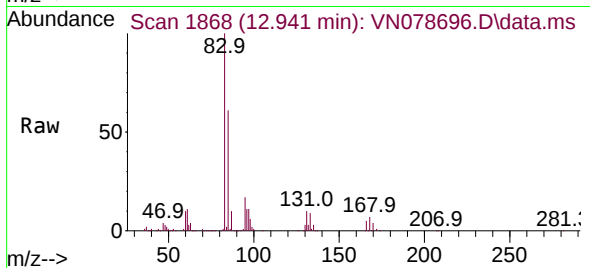
Tgt Ion: 43 Resp: 278280
Ion Ratio Lower Upper
43 100
70 48.7 43.4 65.2
55 27.7 21.4 32.0
61 26.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.198 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



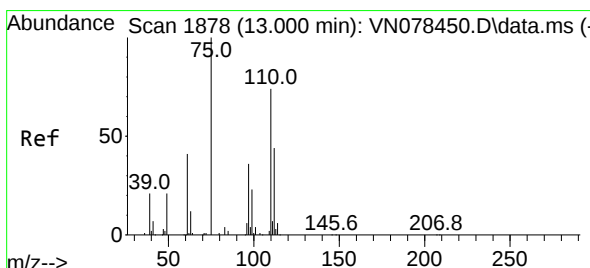
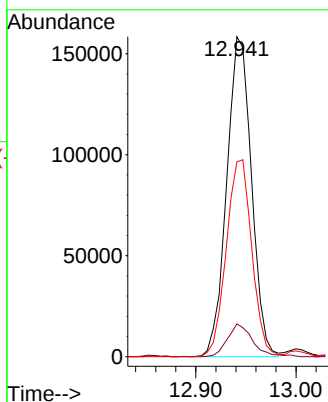
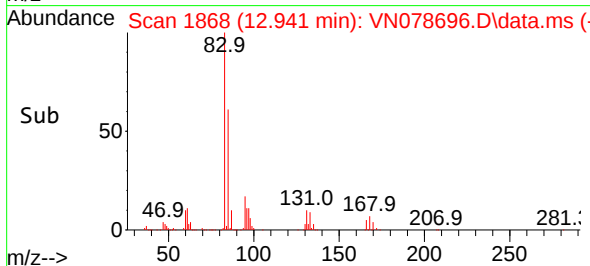
Tgt Ion: 83 Resp: 272309
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 63.4 31.9 95.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

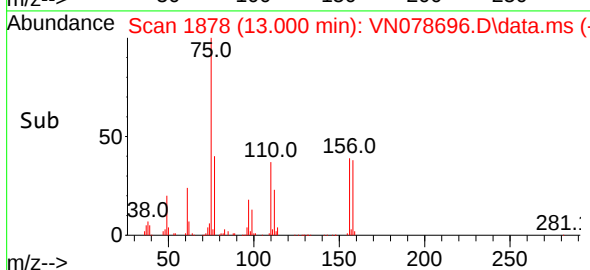
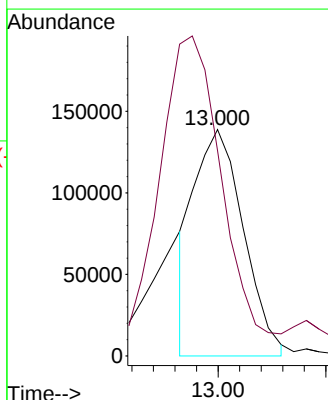
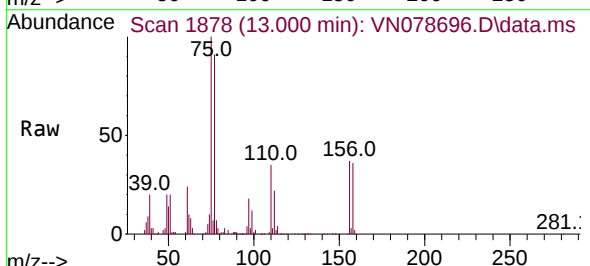
07/31/2023
Supervised By :Mahesh
Dadoda

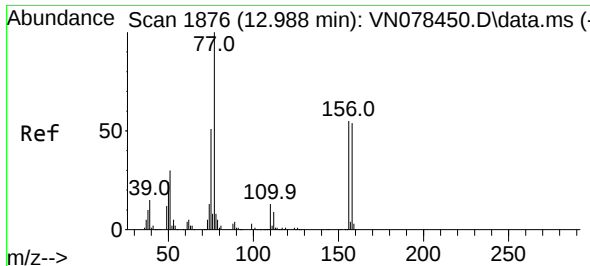
07/31/2023



#76
1,2,3-Trichloropropane
Concen: 21.174 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Tgt Ion: 75 Resp: 222007
Ion Ratio Lower Upper
75 100
77 183.2 84.5 253.5





#77
Bromobenzene
Concen: 19.657 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01

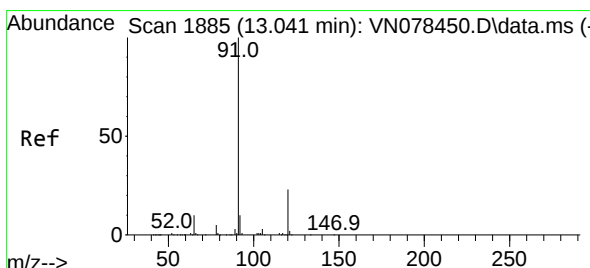
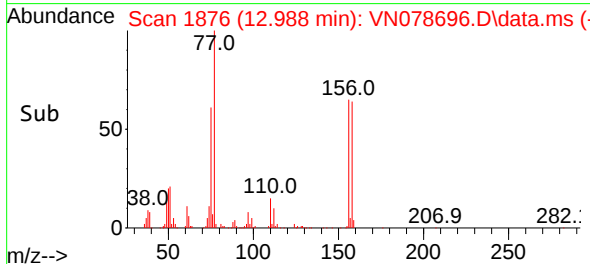
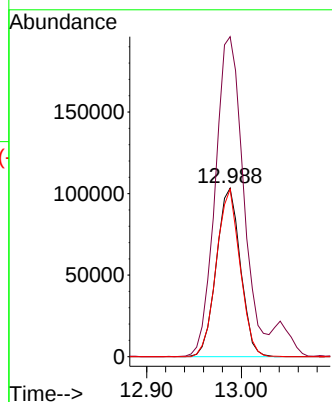
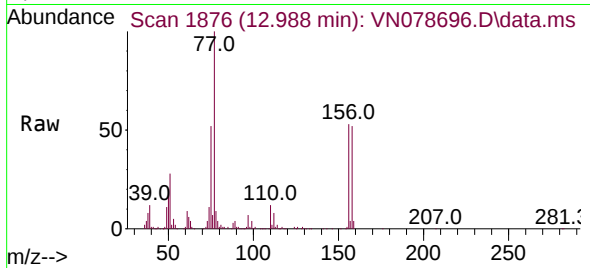
Tgt Ion:156 Resp: 182544
Ion Ratio Lower Upper
156 100
77 222.8 107.7 323.3
158 97.9 48.4 145.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

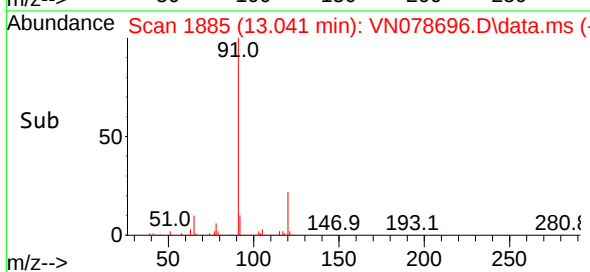
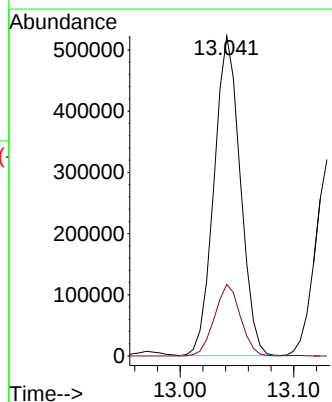
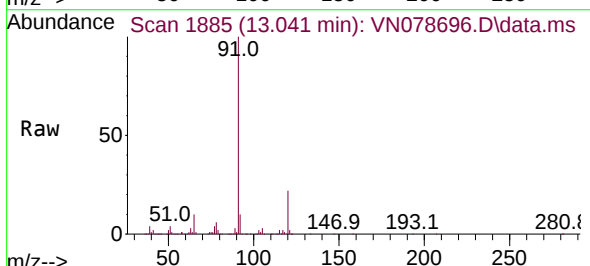
07/31/2023
Supervised By :Mahesh
Dadoda

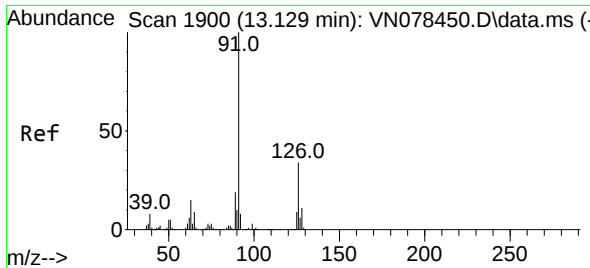
07/31/2023



#78
n-propylbenzene
Concen: 19.234 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

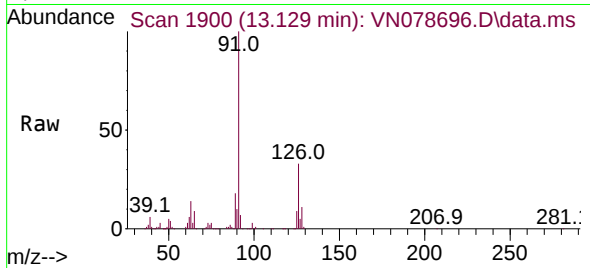
Tgt Ion: 91 Resp: 838418
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.140 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



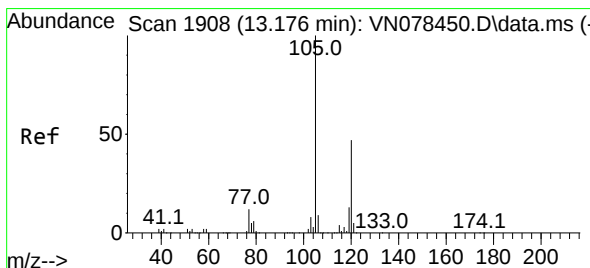
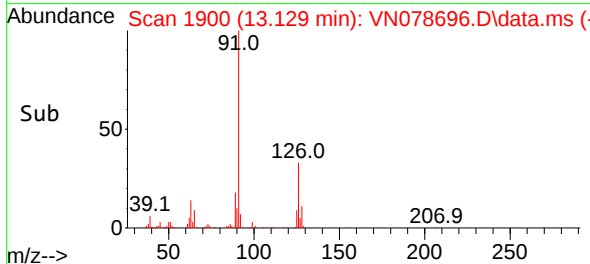
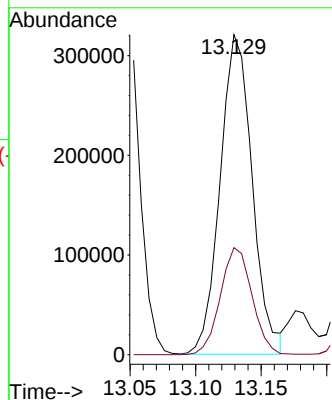
Tgt Ion: 91 Resp: 546490
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

Manual Integrations
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Reviewed By :John
Carlone

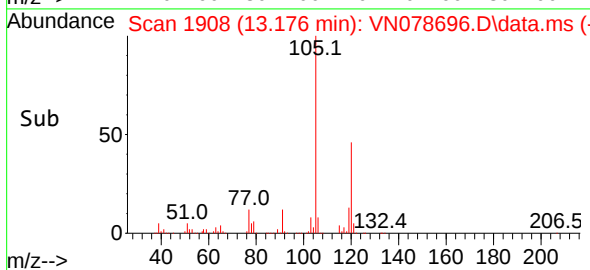
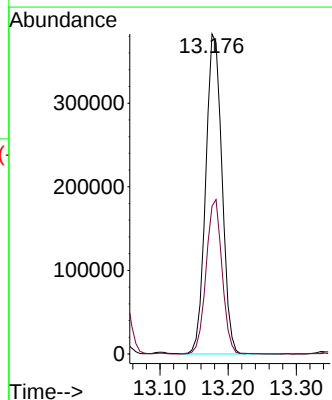
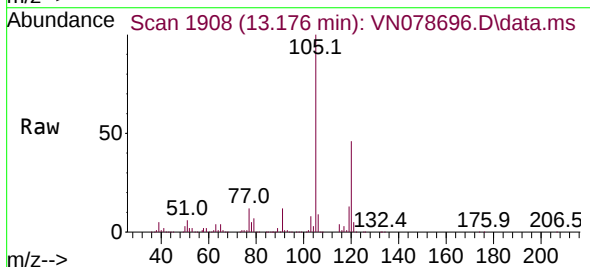
07/31/2023
Supervised By :Mahesh
Dadoda

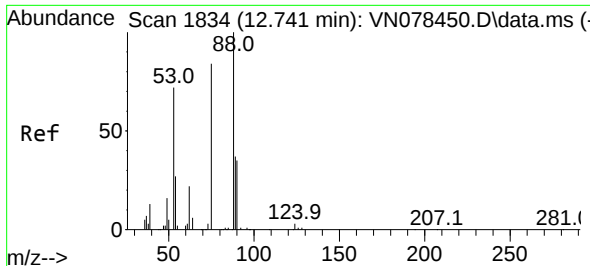
07/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.720 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

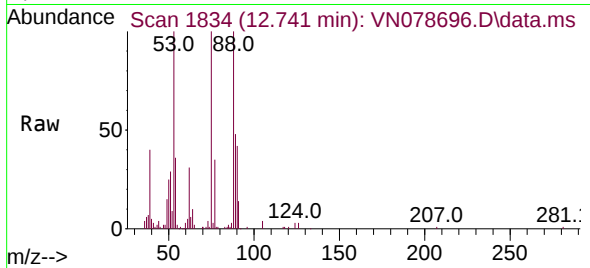
Tgt Ion:105 Resp: 635083
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.809 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



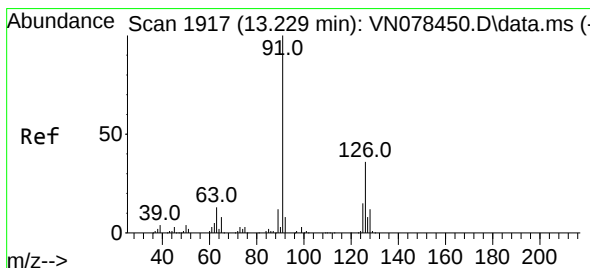
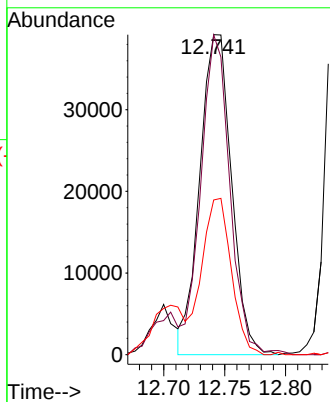
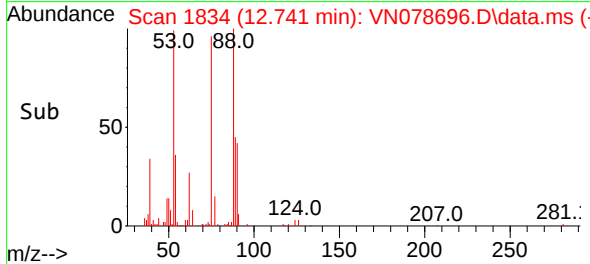
Tgt Ion: 75 Resp: 7105
Ion Ratio Lower Upper
75 100
53 102.4 67.4 101.2
89 45.7 38.8 58.2

Manual Integrations
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Reviewed By :John
Carlone

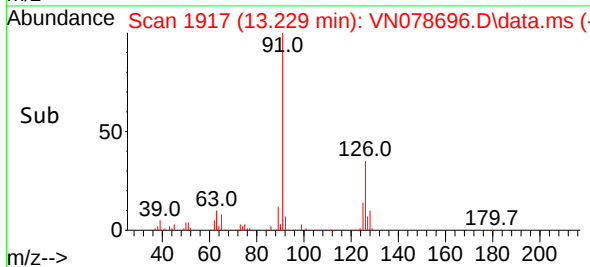
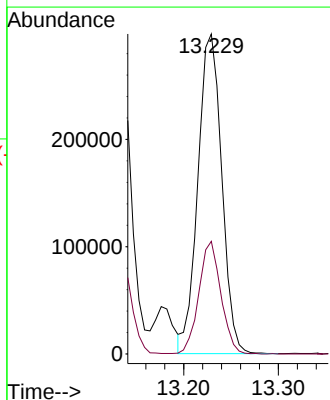
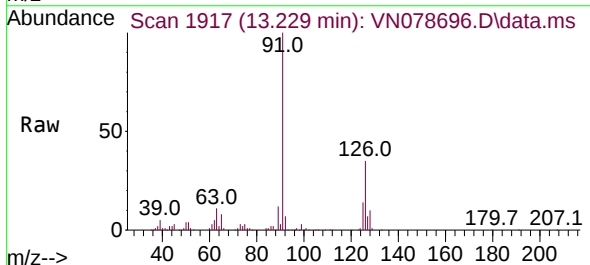
07/31/2023
Supervised By :Mahesh
Dadoda

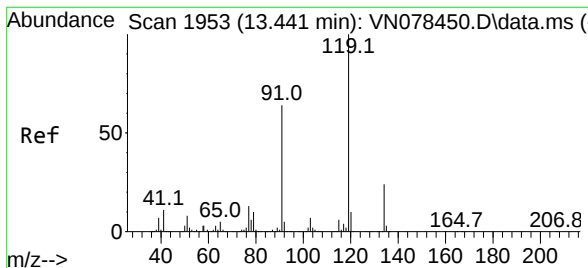
07/31/2023



#82
4-Chlorotoluene
Concen: 19.584 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

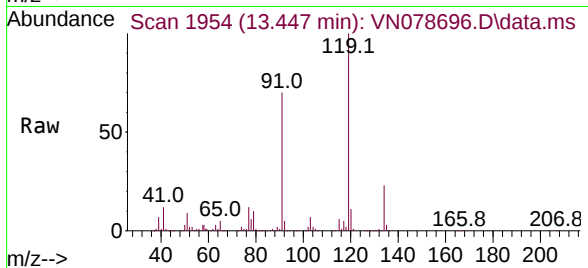
Tgt Ion: 91 Resp: 521608
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.809 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



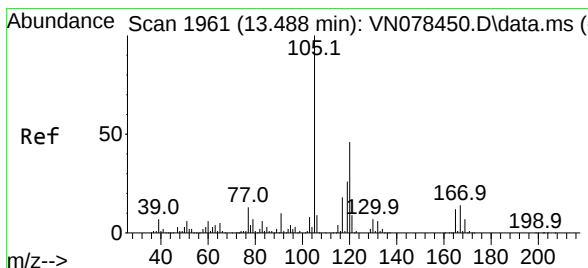
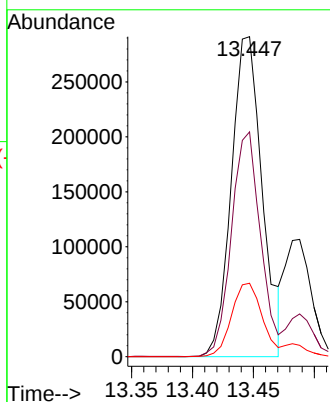
Tgt Ion:119 Resp: 514270
Ion Ratio Lower Upper
119 100
91 66.0 33.9 101.7
134 23.4 13.2 39.6

Manual Integrations
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Reviewed By :John
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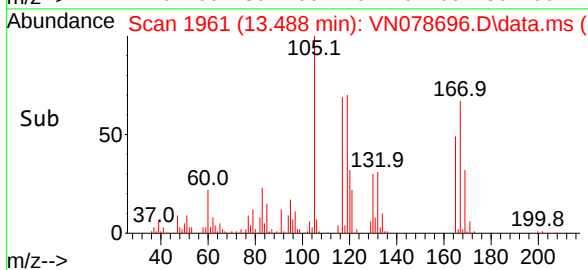
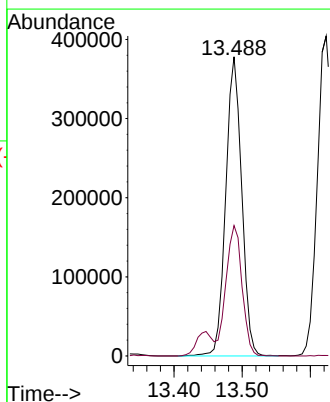
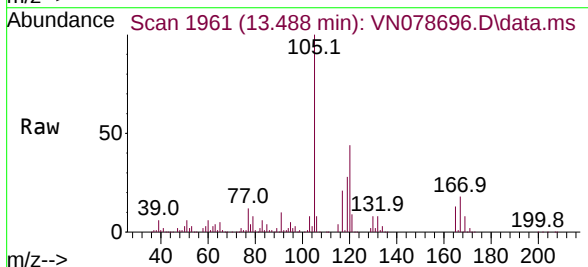
07/31/2023
Supervised By :Mahesh
Dadoda

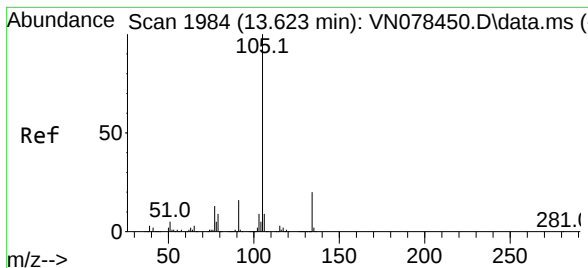
07/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.676 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

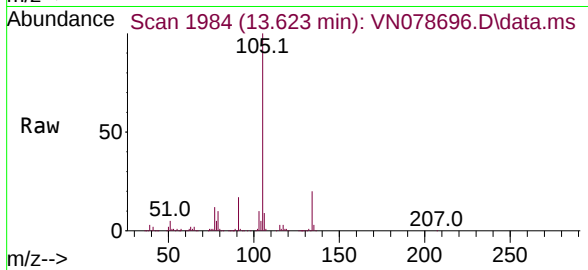
Tgt Ion:105 Resp: 615482
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.972 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078696.D
 Acq: 28 Jul 2023 20:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01



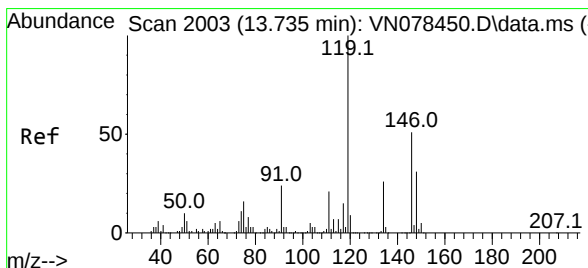
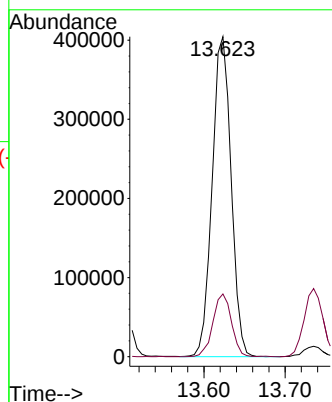
Tgt Ion:105 Resp: 655682
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

Manual Integrations
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Reviewed By :John
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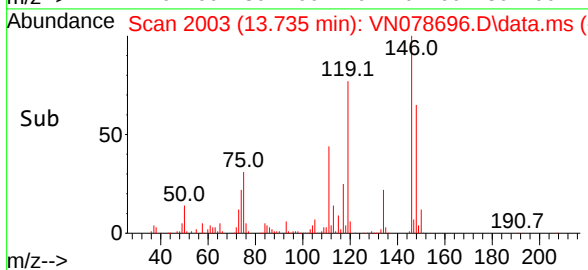
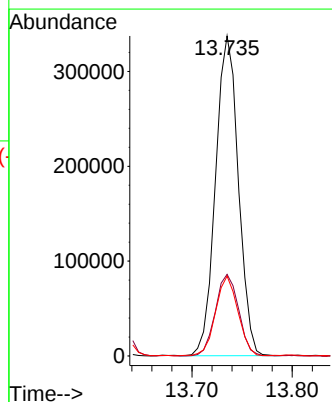
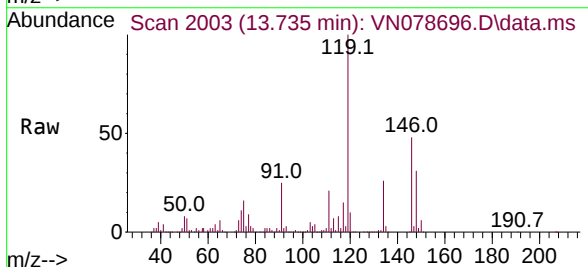
07/31/2023
 Supervised By :Mahesh
 Dadoda

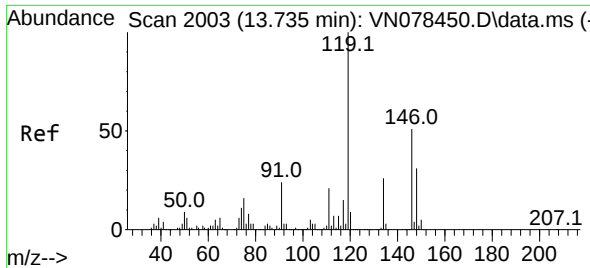
07/31/2023



#86
 p-Isopropyltoluene
 Concen: 19.226 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078696.D
 Acq: 28 Jul 2023 20:08

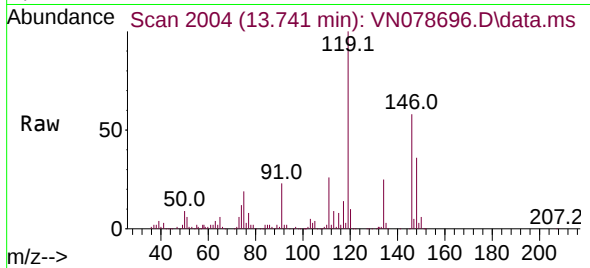
Tgt Ion:119 Resp: 533541
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.331 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



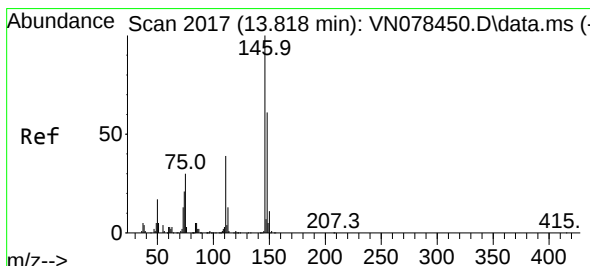
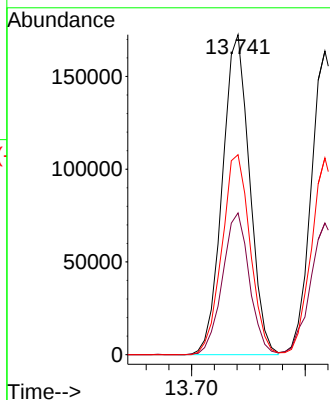
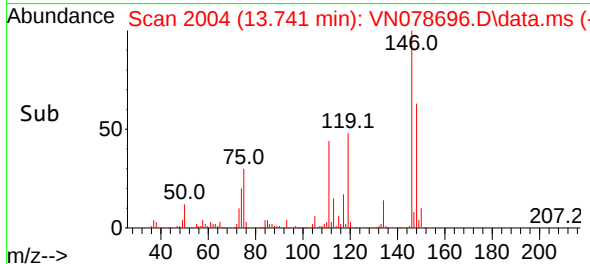
Tgt Ion:146 Resp: 286829
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.3
148 64.9 32.0 96.0

Manual Integrations
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Reviewed By :John
Carlone

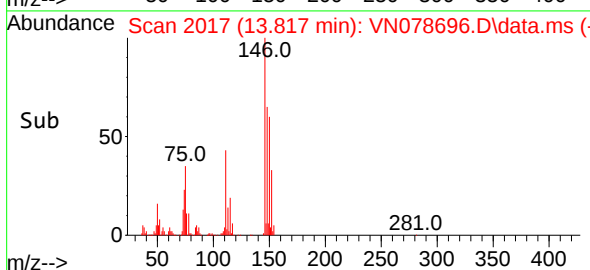
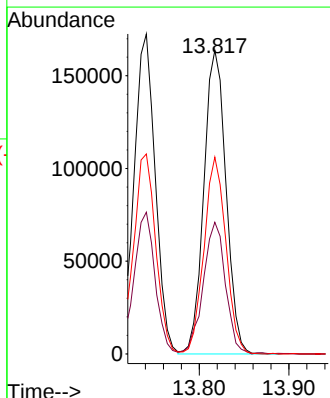
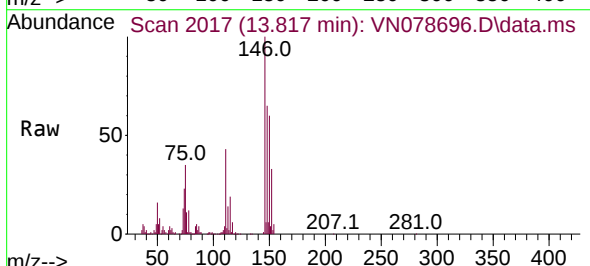
07/31/2023
Supervised By :Mahesh
Dadoda

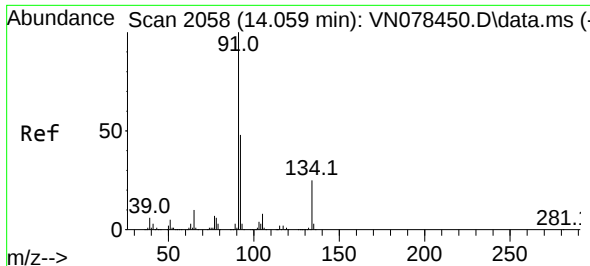
07/31/2023



#88
1,4-Dichlorobenzene
Concen: 17.835 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

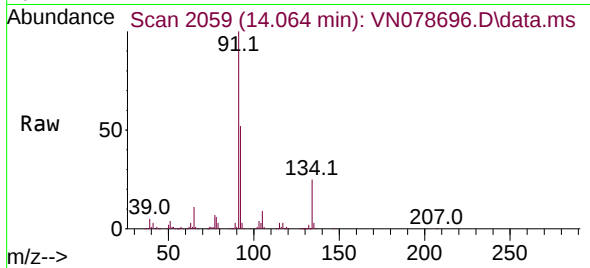
Tgt Ion:146 Resp: 281098
Ion Ratio Lower Upper
146 100
111 42.7 20.6 61.8
148 64.1 31.6 94.8





#89
n-Butylbenzene
Concen: 19.127 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



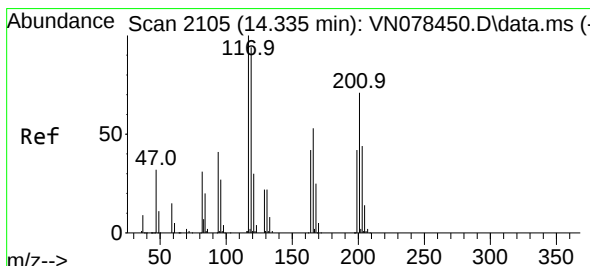
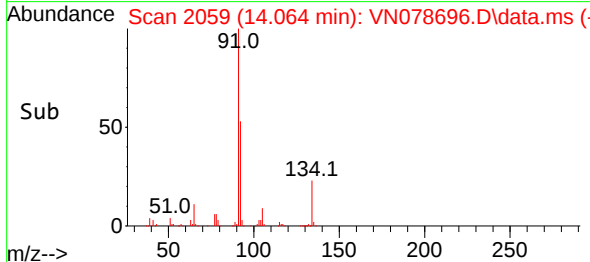
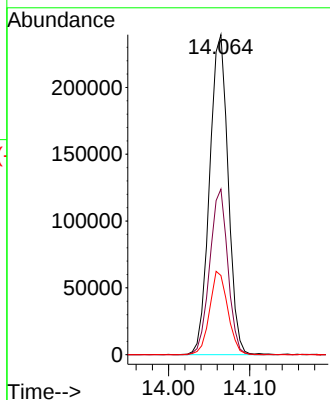
Tgt Ion: 91 Resp: 379789
Ion Ratio Lower Upper
91 100
92 50.4 26.4 79.0
134 25.6 12.6 37.6

Manual Integrations
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Reviewed By :John
Carlone

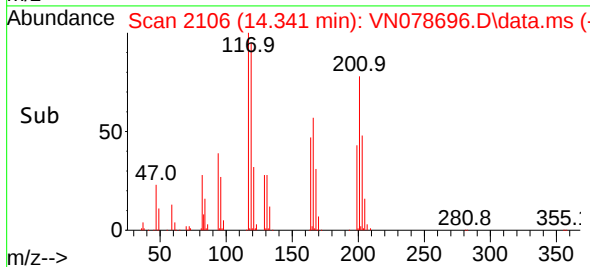
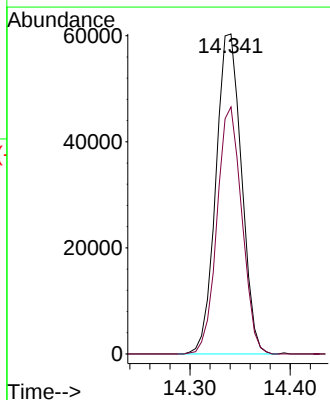
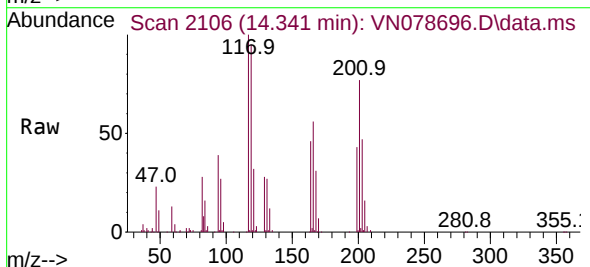
07/31/2023
Supervised By :Mahesh
Dadoda

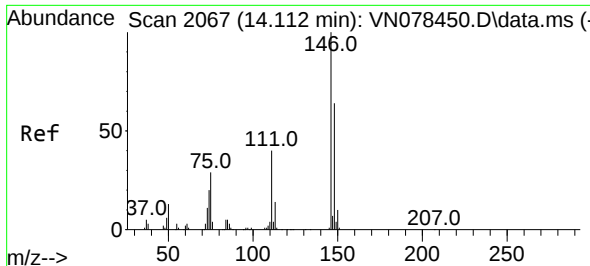
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#90
Hexachloroethane
Concen: 20.528 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

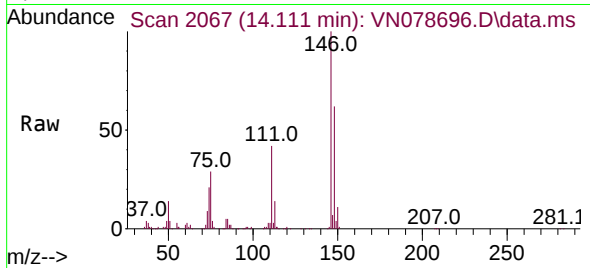
Tgt Ion:117 Resp: 107159
Ion Ratio Lower Upper
117 100
201 74.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 18.647 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



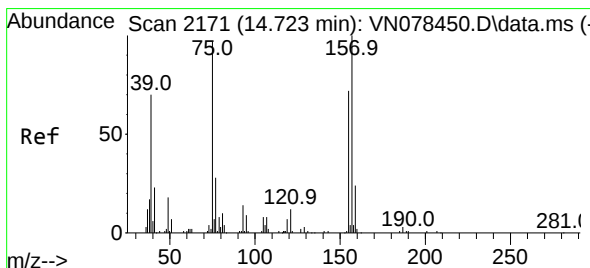
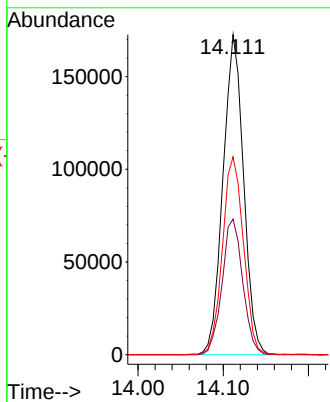
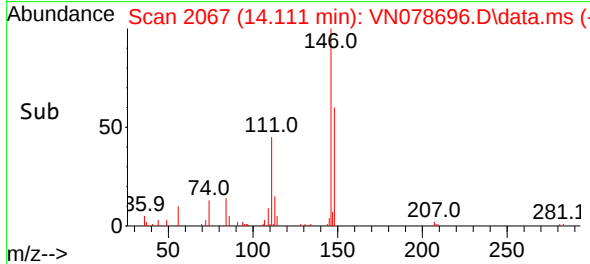
Tgt Ion:146 Resp: 290368
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 63.1 31.8 95.3

Manual Integrations
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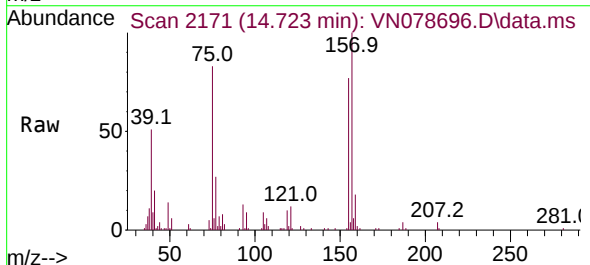
Reviewed By :John
Carlone

07/31/2023
Supervised By :Mahesh
Dadoda

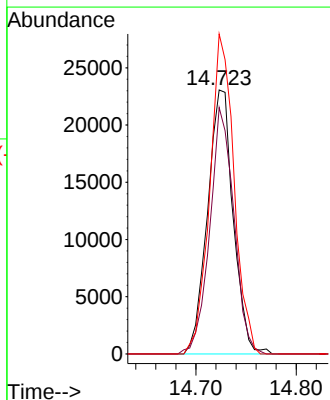
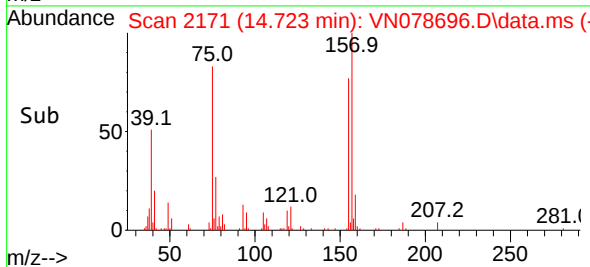
07/31/2023

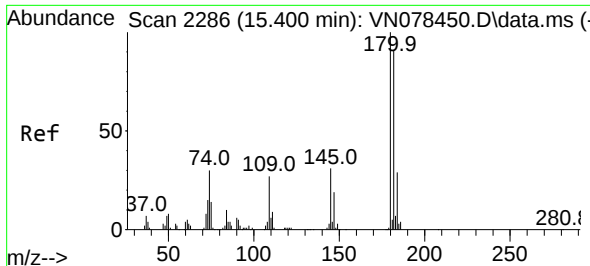


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.898 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08



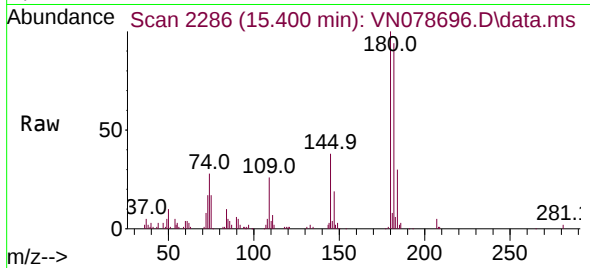
Tgt Ion: 75 Resp: 41082
Ion Ratio Lower Upper
75 100
155 87.2 39.1 117.2
157 114.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.522 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



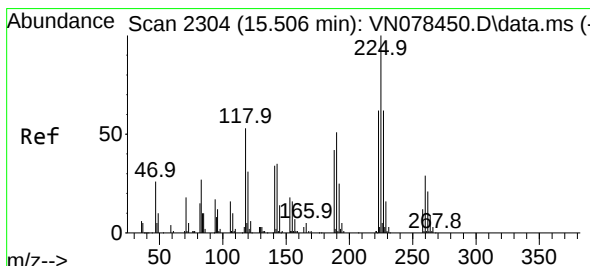
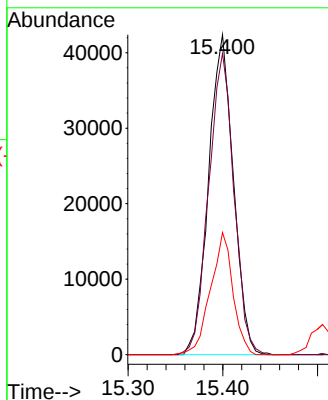
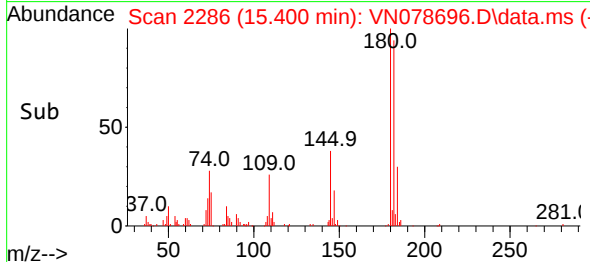
Tgt Ion:180 Resp: 7714
Ion Ratio Lower Upper
180 100
182 95.8 46.1 138.2
145 34.6 16.6 49.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

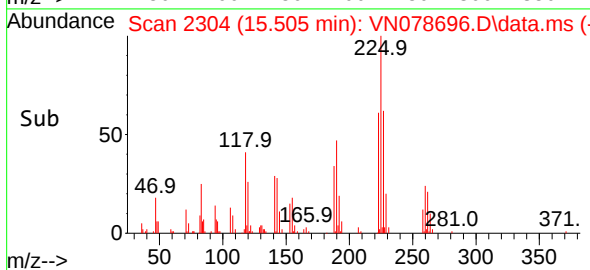
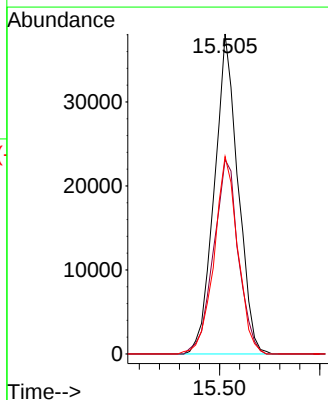
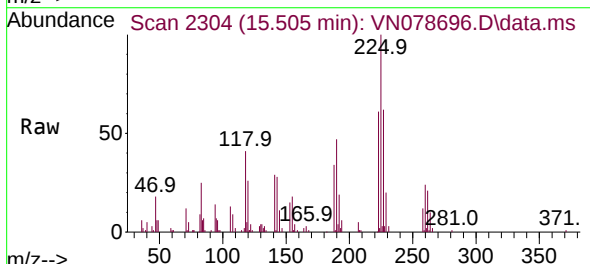
07/31/2023
Supervised By :Mahesh
Dadoda

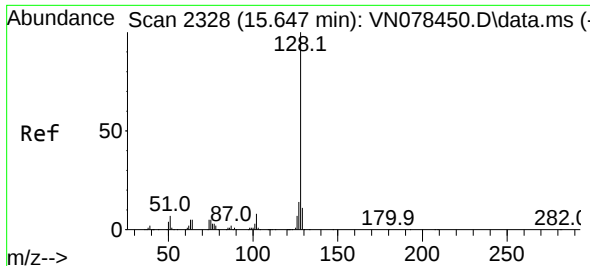
07/31/2023



#94
Hexachlorobutadiene
Concen: 21.823 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

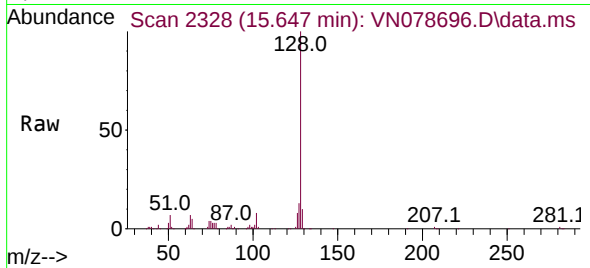
Tgt Ion:225 Resp: 62103
Ion Ratio Lower Upper
225 100
223 63.9 31.3 93.8
227 61.7 31.9 95.9





#95
Naphthalene
Concen: 13.671 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBSD01



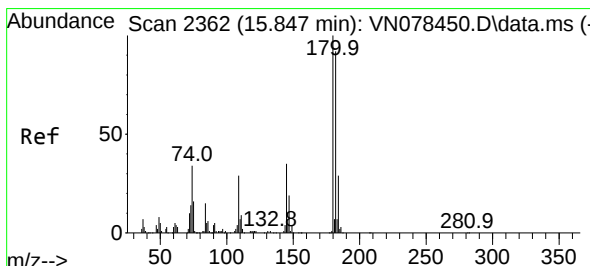
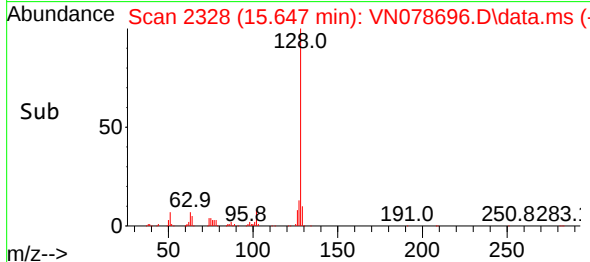
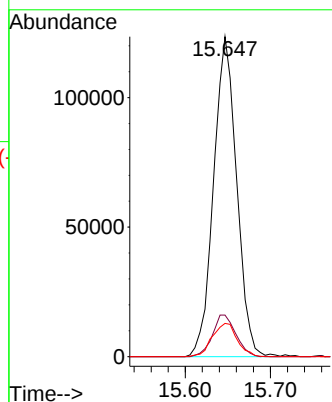
Tgt Ion:128 Resp: 232269
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/31/2023
Supervised By :Mahesh
Dadoda

07/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.260 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078696.D
Acq: 28 Jul 2023 20:08

Tgt Ion:180 Resp: 92917
Ion Ratio Lower Upper
180 100
182 95.1 46.2 138.6
145 33.5 17.5 52.6

