

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
 Data File : VN078855.D
 Acq On : 11 Aug 2023 10:33
 Operator : JC\MD
 Sample : VN0811WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Aug 12 01:38:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	30073	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	168850	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	145009	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	73051	30.172	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.567%			
60) 4-Bromofluorobenzene	12.853	95	65864	32.358	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 107.867%			
63) Toluene-d8	10.570	98	218544	30.755	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.533%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	43195	20.837	ug/l	99
3) Chloromethane	2.371	50	54719	22.167	ug/l	91
4) Vinyl Chloride	2.524	62	51202	21.798	ug/l	96
5) Bromomethane	2.965	94	34156	19.990	ug/l	85
6) Chloroethane	3.124	64	34010	20.383	ug/l	97
7) Trichlorofluoromethane	3.506	101	66068	20.494	ug/l	98
8) Diethyl Ether	3.971	74	23873m	20.825	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.389	101	36544m	21.131	ug/l	
10) 1,1-Dichloroethene	4.347	96	34950	20.868	ug/l	89
11) Methyl Iodide	4.594	142	46319	20.733	ug/l	95
12) Methyl Acetate	5.036	43	68636	18.855	ug/l #	90
13) Acrolein	4.194	56	37446	97.122	ug/l	95
14) Acrylonitrile	5.736	53	103215	107.608	ug/l	94
15) Acetone	4.447	58	25956	105.025	ug/l	88
16) Carbon Disulfide	4.724	76	101640	20.964	ug/l	95
17) Allyl chloride	5.036	41	61857	21.129	ug/l	95
18) Methylene Chloride	5.283	84	44470	21.277	ug/l #	87
19) trans-1,2-Dichloroethene	5.794	96	38456	19.998	ug/l	88
20) Diisopropyl ether	6.677	45	141232	21.483	ug/l #	90
21) 1,1-Dichloroethane	6.583	63	80860	21.574	ug/l	98
22) cis-1,2-Dichloroethene	7.500	96	45736	21.458	ug/l	90
23) tert-Butyl Alcohol	5.530	59	31829	89.302	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	118253	21.096	ug/l	93
25) Chloroform	7.971	83	78654	21.138	ug/l	94
26) Cyclohexane	8.265	56	59816	20.262	ug/l #	96
29) 1,1-Dichloropropene	8.382	75	56776	20.697	ug/l	96
30) 2-Butanone	7.494	43	141178	105.001	ug/l	94
31) 2,2-Dichloropropane	7.500	77	63680	22.512	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	65527	20.284	ug/l	93
33) Carbon Tetrachloride	8.371	117	58841	21.104	ug/l	95
34) Benzene	8.612	78	176293	21.121	ug/l	95
35) Methacrylonitrile	7.788	41	29449	18.652	ug/l	77
36) 1,2-Dichloroethane	8.682	62	60802	20.838	ug/l	96
37) Trichloroethene	9.359	130	42410	21.115	ug/l	95
38) Methylcyclohexane	9.612	83	52495	20.213	ug/l	93
39) 1,2-Dichloropropane	9.629	63	47739m	21.617	ug/l	
40) Dibromomethane	9.718	93	30871	20.993	ug/l	95
41) Bromodichloromethane	9.894	83	62534	21.105	ug/l #	92
42) Vinyl Acetate	6.618	43	435734	102.985	ug/l	95

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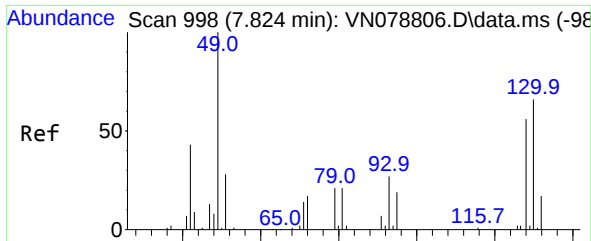
Manual Integrations
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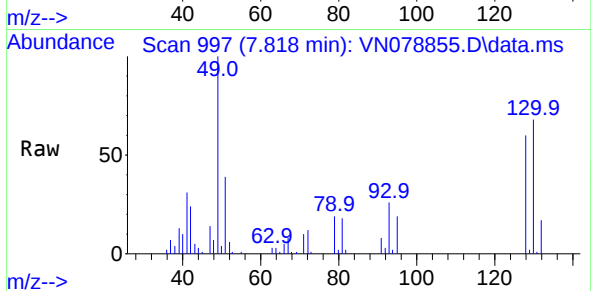
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	57226	20.503	ug/l	96
44) Isopropyl Acetate	8.694	43	107006m	21.350	ug/l	
45) 1,4-Dioxane	9.700	88	14155	420.958	ug/l	95
46) Methyl methacrylate	9.682	41	44458	20.948	ug/l	82
47) n-amyl Acetate	12.500	43	71472	20.398	ug/l	96
48) t-1,3-Dichloropropene	10.841	75	60075	20.079	ug/l	93
49) cis-1,3-Dichloropropene	10.318	75	69843	20.990	ug/l #	90
50) 1,1,2-Trichloroethane	11.018	97	41406	20.722	ug/l	96
51) Ethyl methacrylate	10.882	69	54972	19.627	ug/l	78
52) 1,3-Dichloropropane	11.170	76	71563	20.858	ug/l	100
53) Dibromochloromethane	11.365	129	42389	20.326	ug/l	98
54) 1,2-Dibromoethane	11.476	107	40144	20.564	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	102902	99.623	ug/l	96
56) Bromoform	12.588	173	26491	20.291	ug/l #	35
58) 4-Methyl-2-Pentanone	10.453	43	282459	101.340	ug/l	91
59) 2-Hexanone	11.200	43	203061	104.839	ug/l	91
61) Tetrachloroethene	11.112	164	35354	21.310	ug/l	88
62) Toluene	10.635	91	181959	21.314	ug/l	98
64) Chlorobenzene	11.900	112	105726	21.154	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	38436	19.961	ug/l	95
66) Ethyl Benzene	11.970	91	190121	21.443	ug/l	95
67) m/p-Xylenes	12.076	106	144417	44.422	ug/l	100
68) o-Xylene	12.406	106	69205	21.386	ug/l	100
69) Styrene	12.417	104	113208	22.895	ug/l	99
70) Isopropylbenzene	12.700	105	171084	21.404	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	54546	20.139	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	50987m	21.566	ug/l	
73) Bromobenzene	12.982	156	38083	19.935	ug/l	93
74) n-propylbenzene	13.041	91	196941	22.266	ug/l	99
75) 2-Chlorotoluene	13.129	91	122358	22.207	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	140817	22.182	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	15891	21.413	ug/l	80
78) 4-Chlorotoluene	13.229	91	113283	22.162	ug/l	98
79) tert-butylbenzene	13.441	119	117003	22.463	ug/l	96
80) 1,2,4-Trimethylbenzene	13.488	105	134716	22.488	ug/l	97
81) sec-Butylbenzene	13.617	105	152160	21.820	ug/l	99
82) p-Isopropyltoluene	13.735	119	116725	21.370	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	64603	21.882	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	60159	21.338	ug/l	99
85) n-Butylbenzene	14.059	91	84052	20.911	ug/l	96
86) Hexachloroethane	14.335	117	24157	20.996	ug/l	97
87) 1,2-Dichlorobenzene	14.111	146	63430	21.838	ug/l	93
88) 1,2-Dibromo-3-Chloropr...	14.723	75	8288	21.543	ug/l	85
89) 1,2,4-Trichlorobenzene	15.400	180	14711	18.299	ug/l	96
90) Hexachlorobutadiene	15.505	225	11924	20.146	ug/l	99
91) Naphthalene	15.647	128	39394	15.670	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	16339	17.328	ug/l	92

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

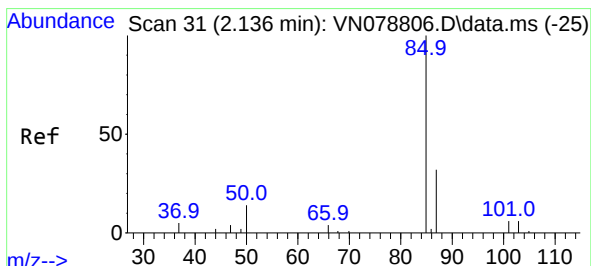
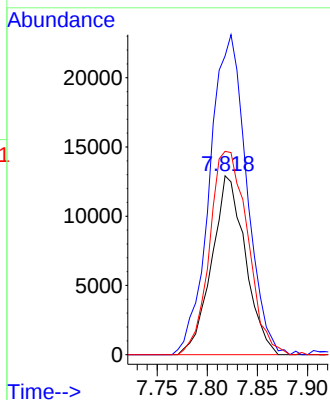
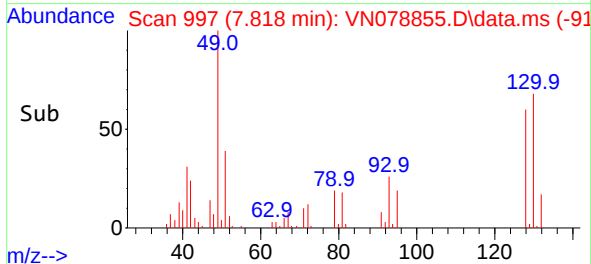
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion:128 Resp: 3007
Ion Ratio Lower Upper
128 100
49 197.2 0.0 370.8
130 128.7 0.0 307.0

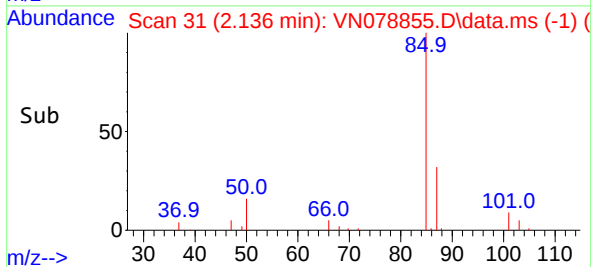
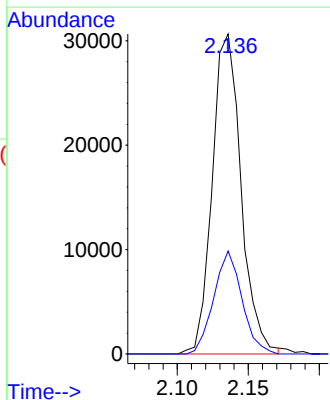
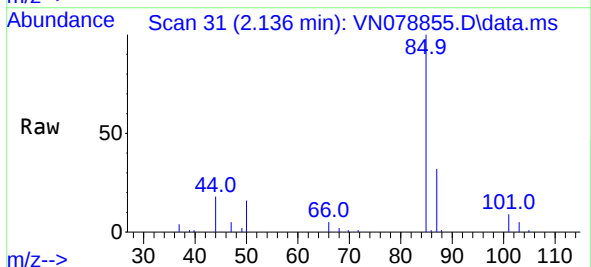
Manual Integrations
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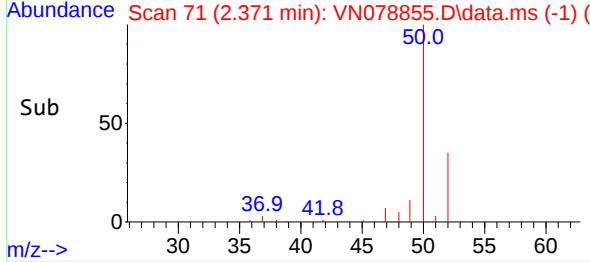
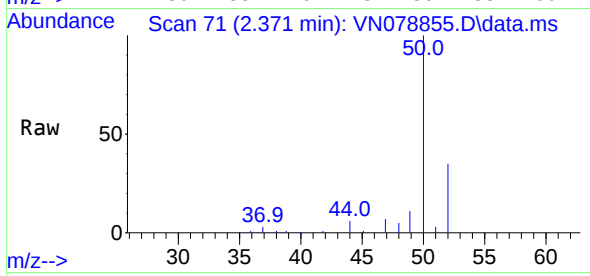
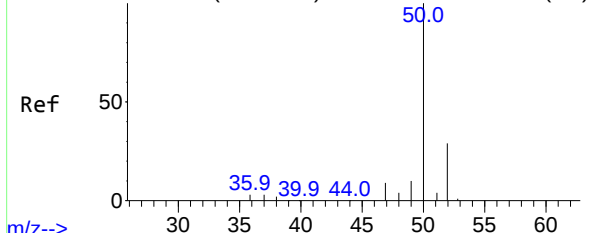


#2
Dichlorodifluoromethane
Concen: 20.837 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Tgt Ion: 85 Resp: 43195
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.4



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



#3

Chloromethane

Concen: 22.167 ug/l

RT: 2.371 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN078855.D

Acq: 11 Aug 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

Tgt Ion: 50 Resp: 54719

Ion Ratio Lower Upper

50 100

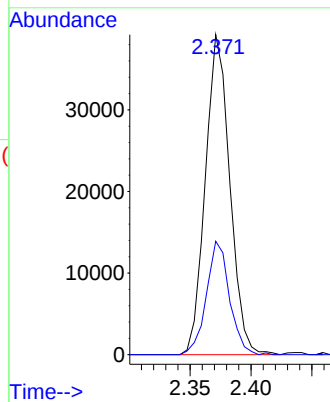
52 35.4 24.6 36.8

Manual Integrations

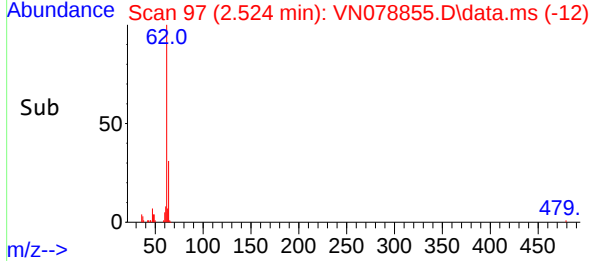
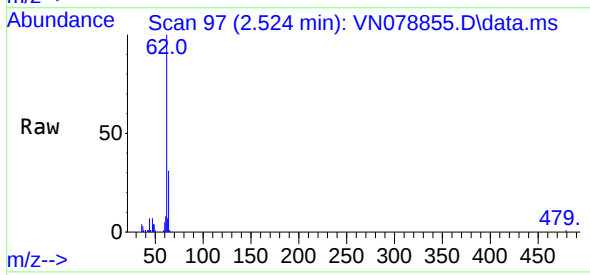
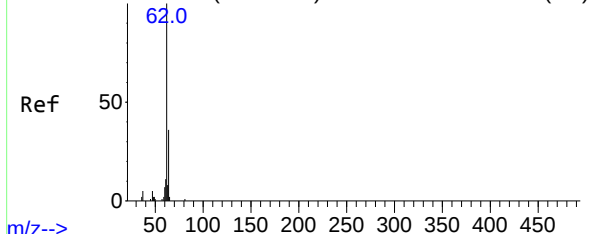
APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



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



#4

Vinyl Chloride

Concen: 21.798 ug/l

RT: 2.524 min Scan# 97

Delta R.T. -0.000 min

Lab File: VN078855.D

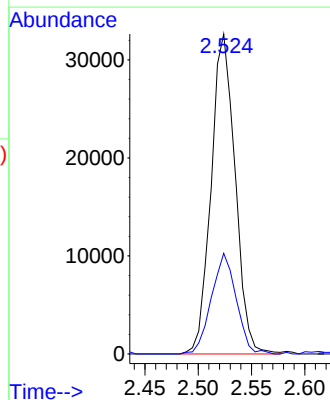
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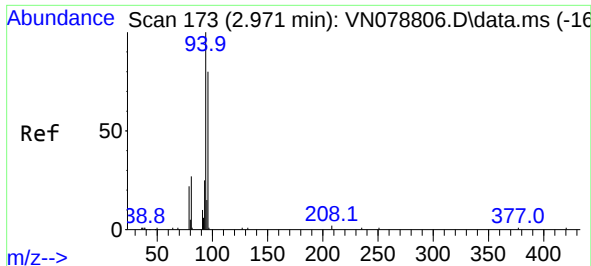
Tgt Ion: 62 Resp: 51202

Ion Ratio Lower Upper

62 100

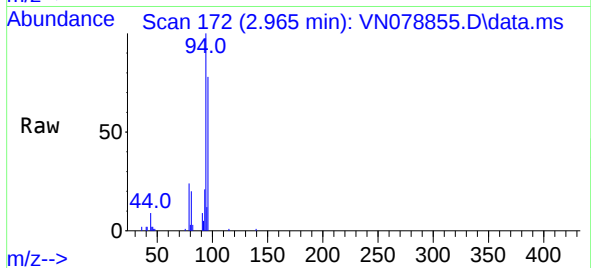
64 31.4 23.3 34.9





#5
Bromomethane
Concen: 19.990 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

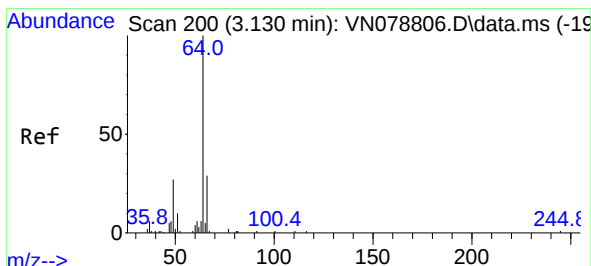
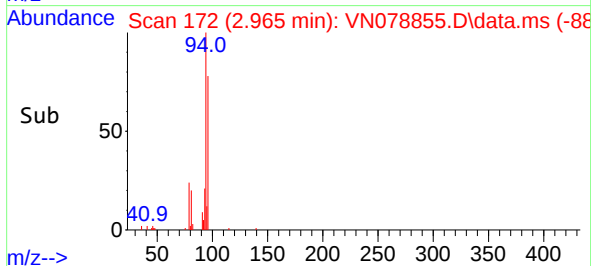
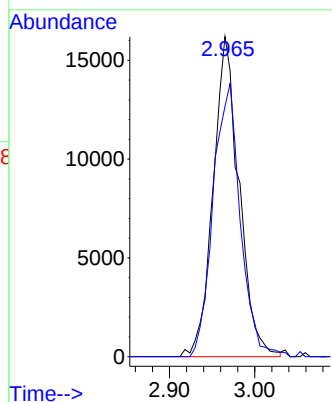
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 94 Resp: 34150
Ion Ratio Lower Upper
94 100
96 78.2 73.9 110.9

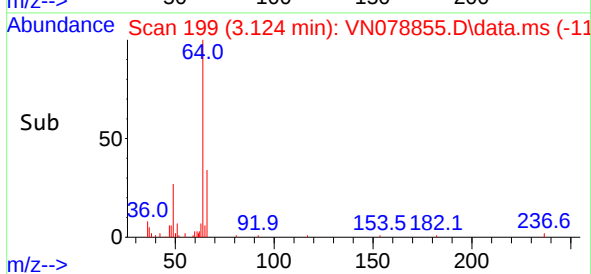
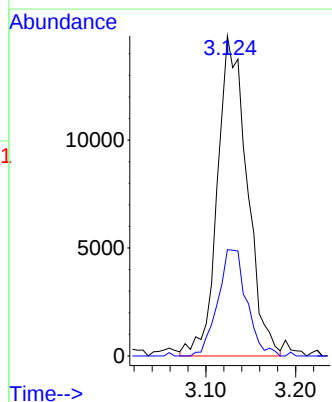
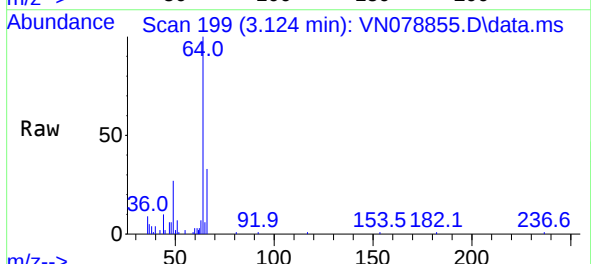
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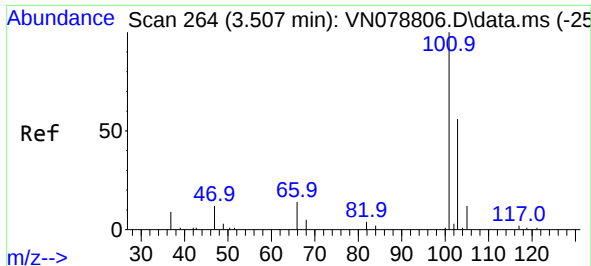
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#6
Chloroethane
Concen: 20.383 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

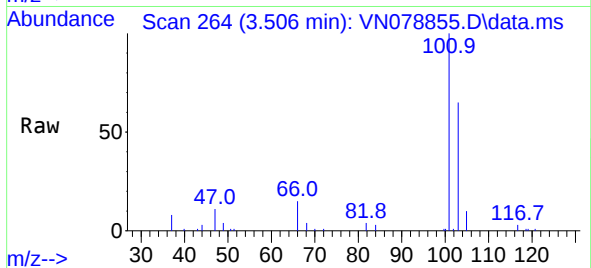
Tgt Ion: 64 Resp: 34010
Ion Ratio Lower Upper
64 100
66 33.7 25.7 38.5





#7
Trichlorofluoromethane
Concen: 20.494 ug/l
RT: 3.506 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

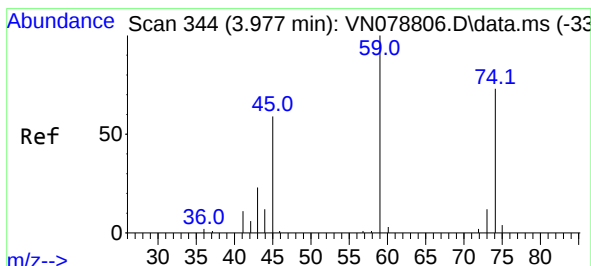
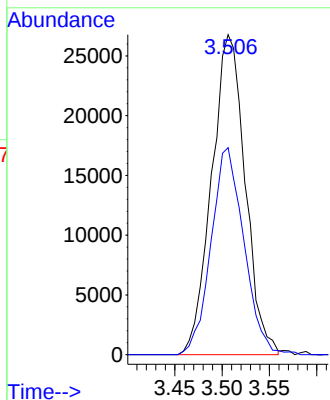
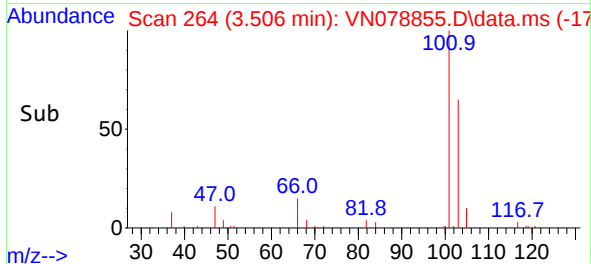
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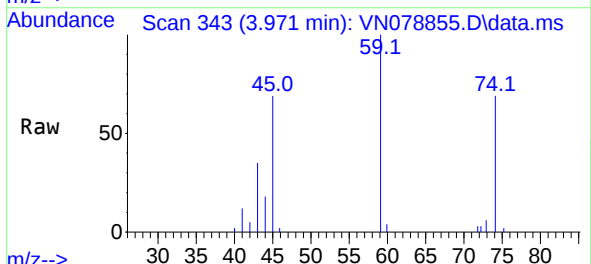
Tgt Ion:101 Resp: 6606
Ion Ratio Lower Upper
101 100
103 64.7 50.4 75.6

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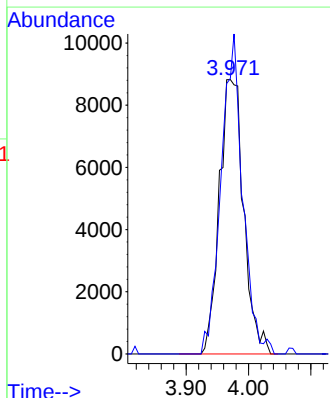
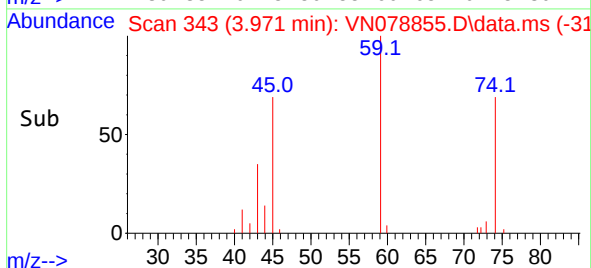
Reviewed By :John Carlone 08/14/2023
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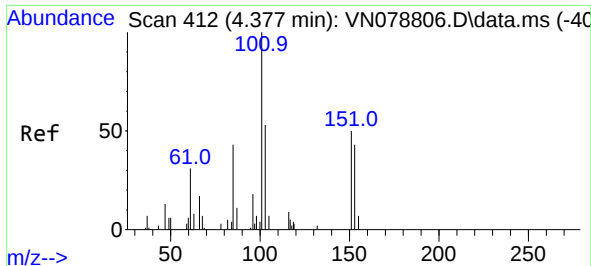


#8
Diethyl Ether
Concen: 20.825 ug/l m
RT: 3.971 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



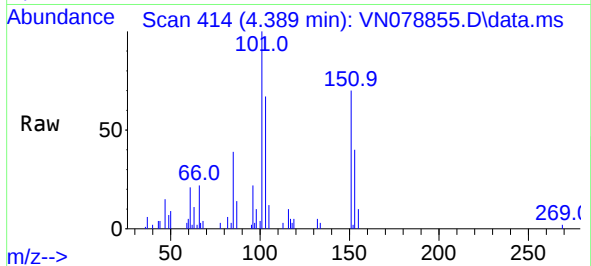
Tgt Ion: 74 Resp: 23873
Ion Ratio Lower Upper
74 100
45 102.4 16.3 146.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.131 ug/l m
RT: 4.389 min Scan# 412
Delta R.T. 0.011 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

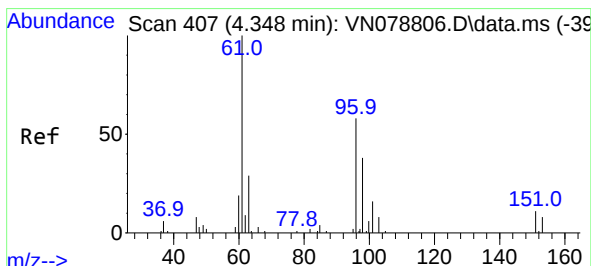
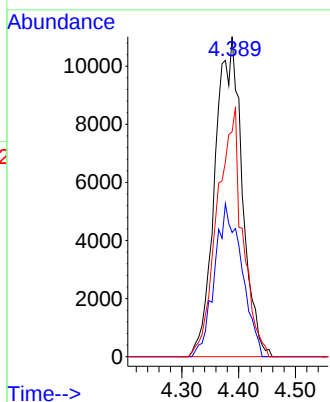
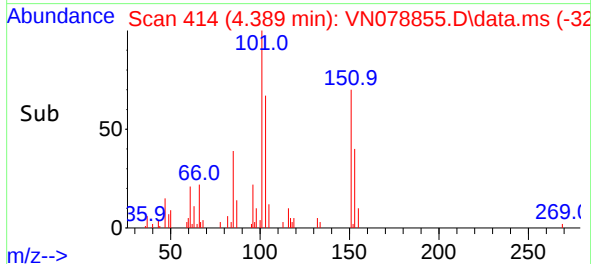
Instrument :
MSVOA_N
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VN0811WBSD01



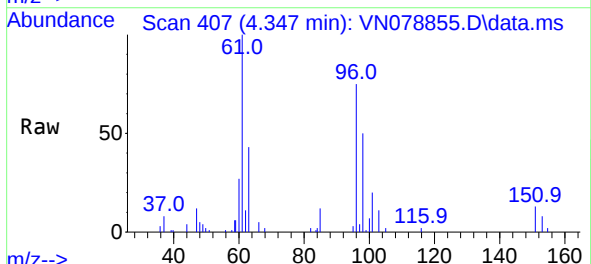
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Ion Ratio Lower Upper
101 100
85 30.5 0.0 89.2
151 72.8 0.0 148.8

Manual Integrations
APPROVED

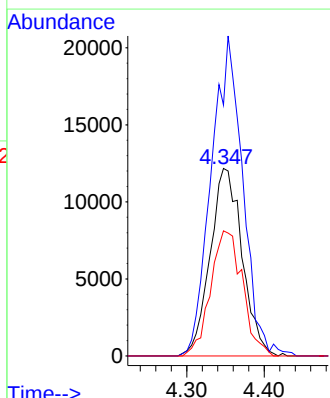
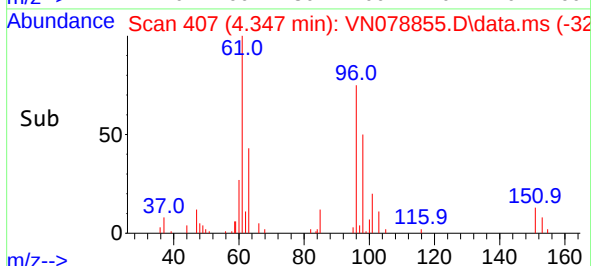
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

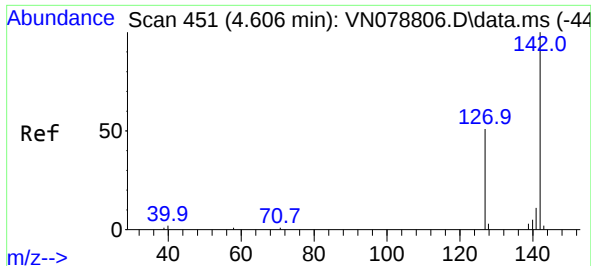


#10
1,1-Dichloroethene
Concen: 20.868 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



Tgt Ion: 96 Resp: 34950
Ion Ratio Lower Upper
96 100
61 133.8 123.4 185.2
98 66.8 53.7 80.5





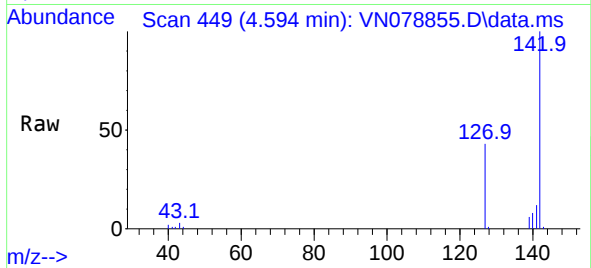
#11
Methyl Iodide
Concen: 20.733 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

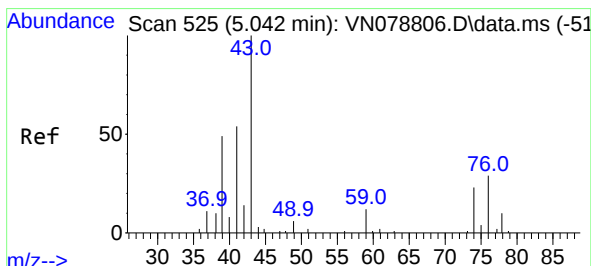
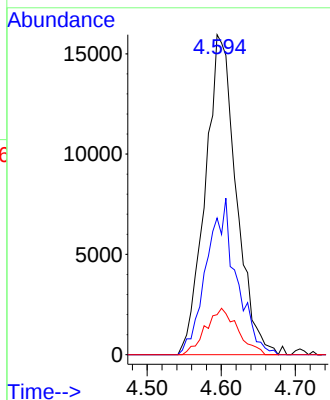
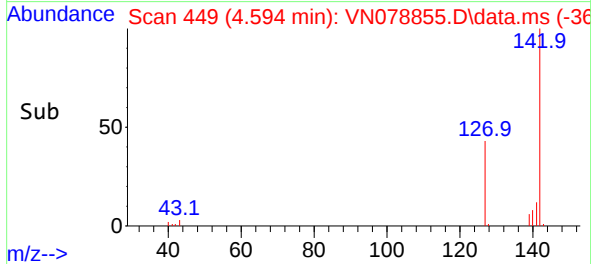


Tgt Ion:142 Resp: 46319
Ion Ratio Lower Upper
142 100
127 42.7 23.2 69.5
141 12.5 7.2 21.7

Manual Integrations

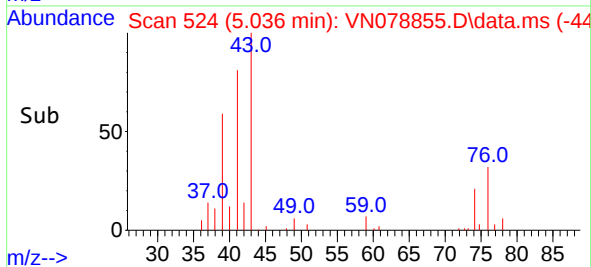
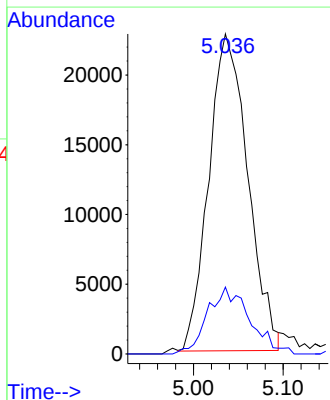
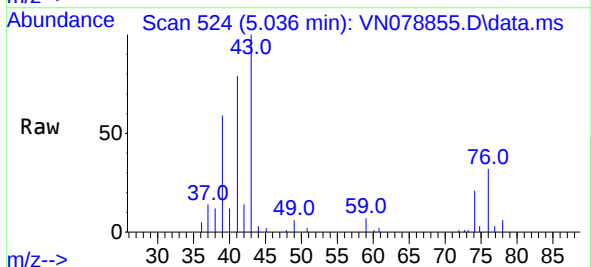
APPROVED

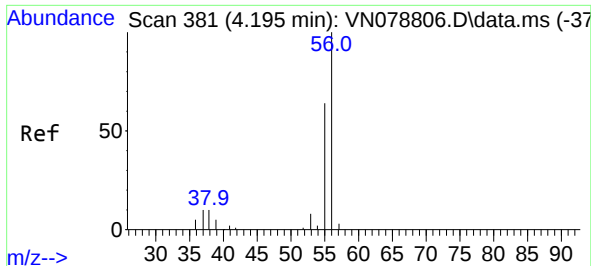
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#12
Methyl Acetate
Concen: 18.855 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

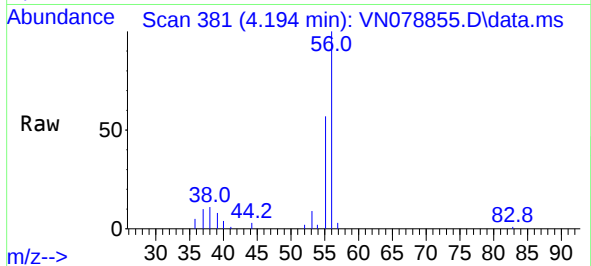
Tgt Ion: 43 Resp: 68636
Ion Ratio Lower Upper
43 100
74 20.4 20.5 30.7#





#13
Acrolein
Concen: 97.122 ug/l
RT: 4.194 min Scan# 381
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

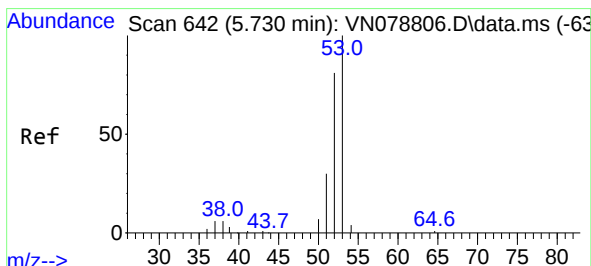
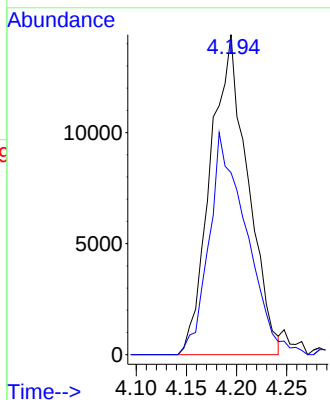
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 56 Resp: 37440
Ion Ratio Lower Upper
56 100
55 69.2 59.0 88.4

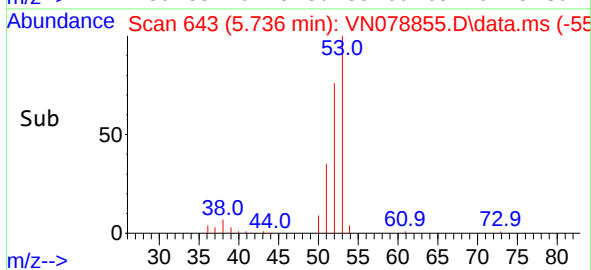
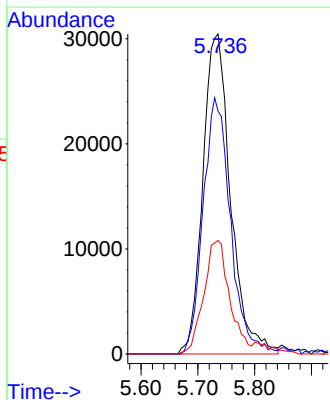
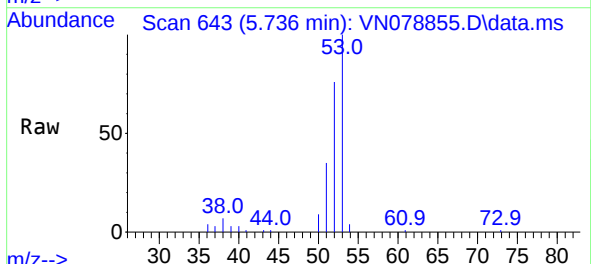
Manual Integrations
APPROVED

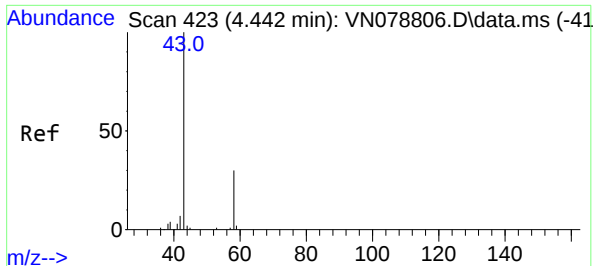
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#14
Acrylonitrile
Concen: 107.608 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

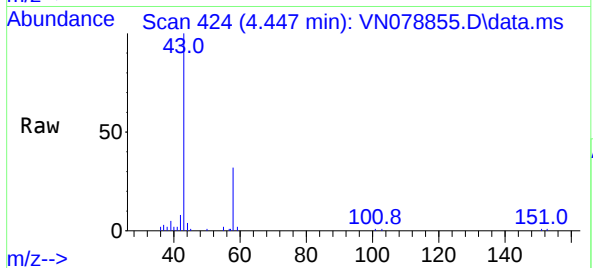
Tgt Ion: 53 Resp: 103215
Ion Ratio Lower Upper
53 100
52 78.9 42.3 126.9
51 33.1 18.4 55.4





#15
Acetone
Concen: 105.025 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

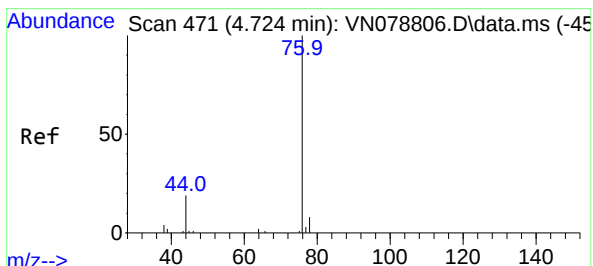
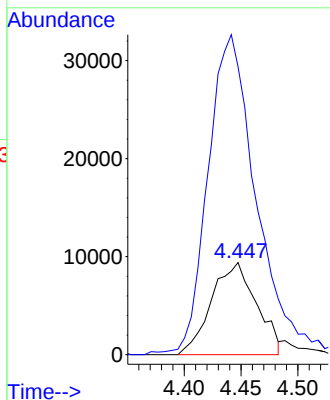
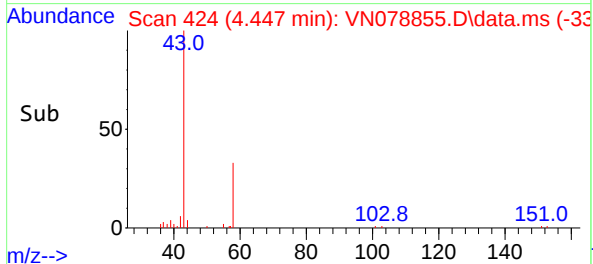
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 58 Resp: 25950
Ion Ratio Lower Upper
58 100
43 306.4 227.5 341.3

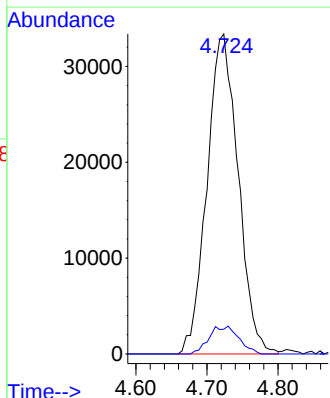
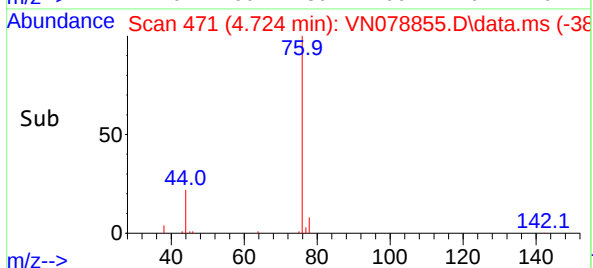
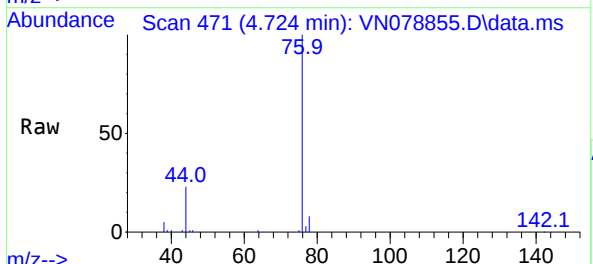
Manual Integrations
APPROVED

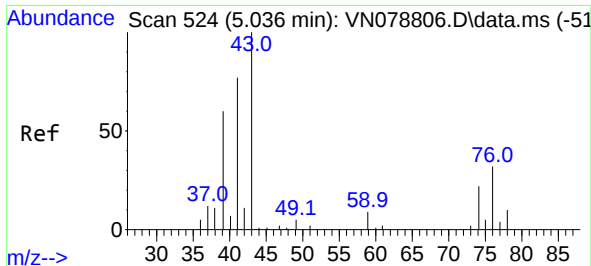
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#16
Carbon Disulfide
Concen: 20.964 ug/l
RT: 4.724 min Scan# 471
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

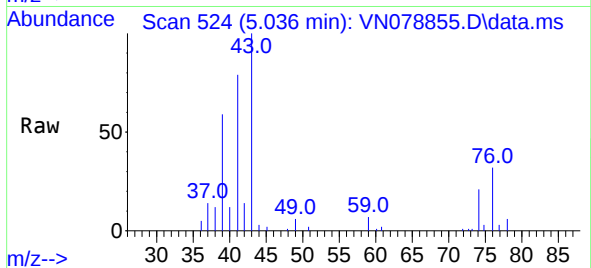
Tgt Ion: 76 Resp: 101640
Ion Ratio Lower Upper
76 100
78 7.8 7.7 11.5





#17
 Allyl chloride
 Concen: 21.129 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN078855.D
 Acq: 11 Aug 2023 10:33

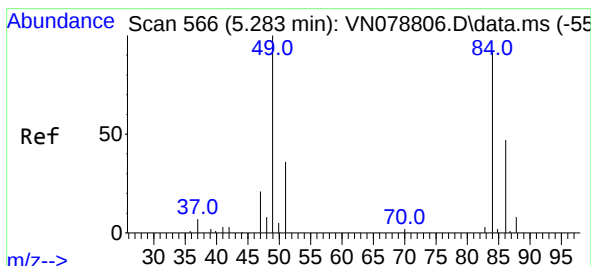
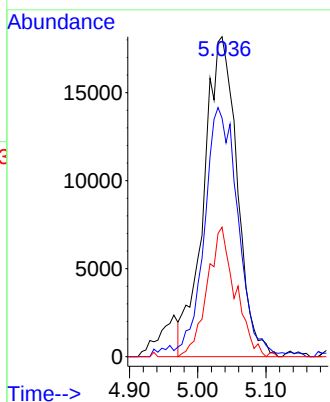
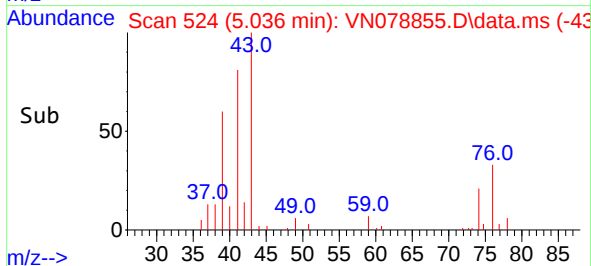
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01



Tgt Ion: 41 Resp: 6185
 Ion Ratio Lower Upper
 41 100
 39 73.5 37.6 112.8
 76 40.4 23.8 71.4

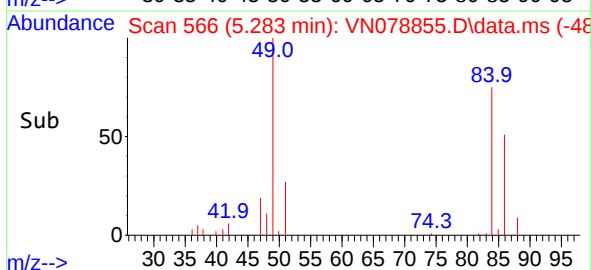
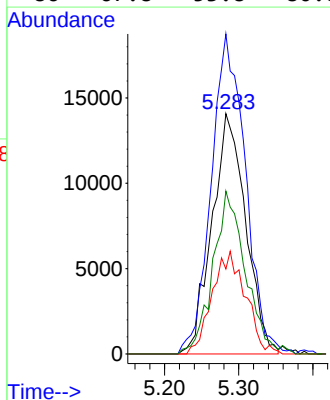
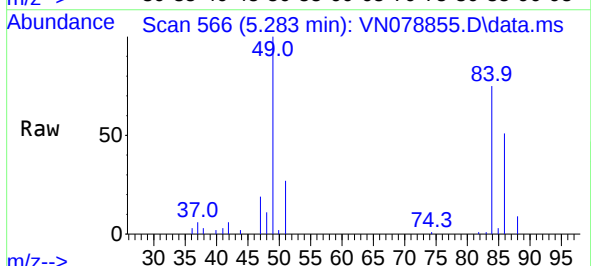
Manual Integrations
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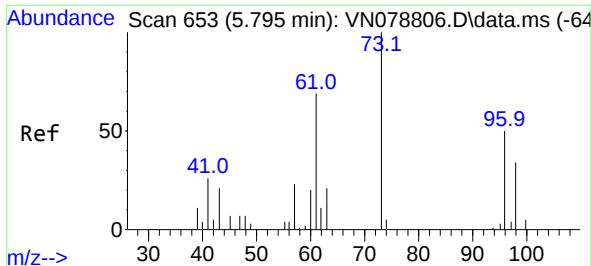
Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023



#18
 Methylene Chloride
 Concen: 21.277 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN078855.D
 Acq: 11 Aug 2023 10:33

Tgt Ion: 84 Resp: 44470
 Ion Ratio Lower Upper
 84 100
 49 133.2 88.1 132.1#
 51 35.4 24.0 36.0
 86 67.8 53.8 80.8





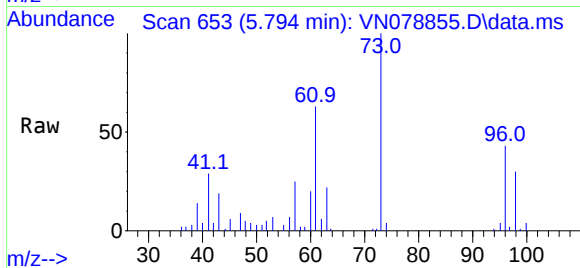
#19
trans-1,2-Dichloroethene
Concen: 19.998 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

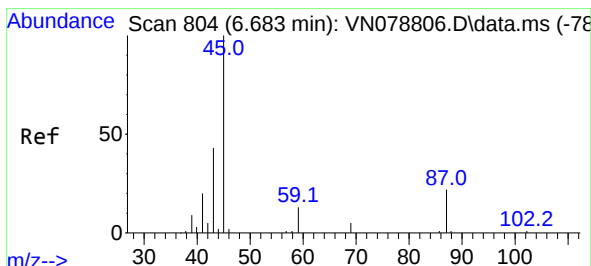
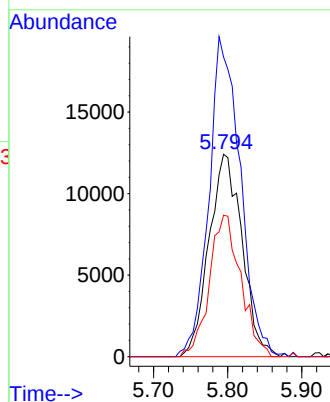
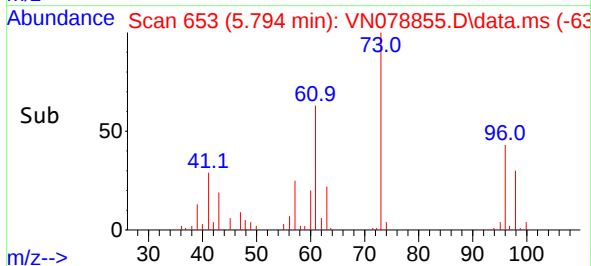


Tgt Ion: 96 Resp: 38450
Ion Ratio Lower Upper
96 100
61 146.8 105.2 157.8
98 69.9 50.5 75.7

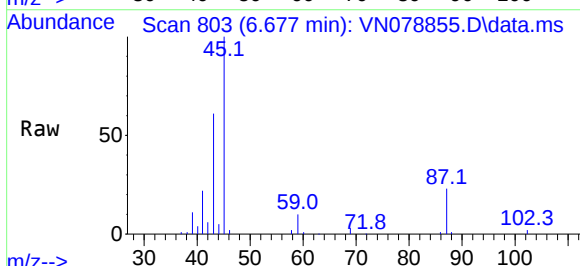
Manual Integrations

APPROVED

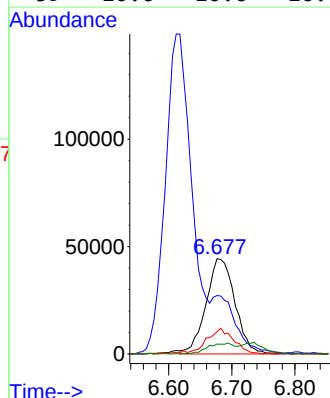
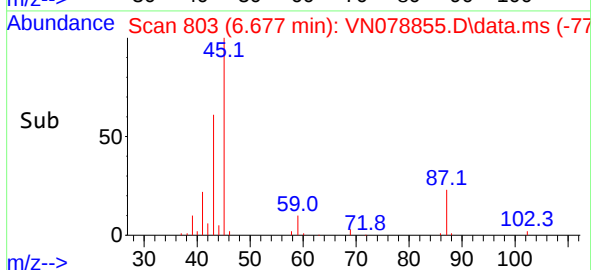
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

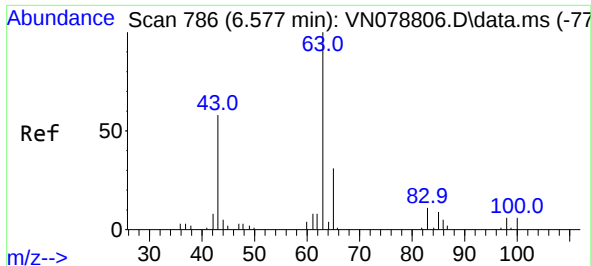


#20
Diisopropyl ether
Concen: 21.483 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



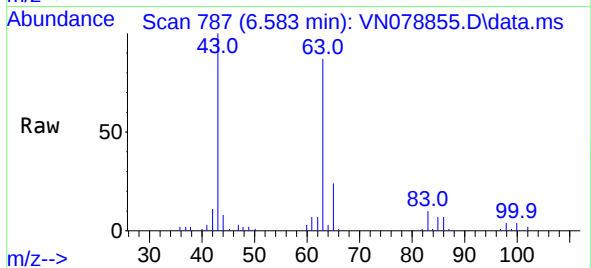
Tgt Ion: 45 Resp: 141232
Ion Ratio Lower Upper
45 100
43 60.2 43.6 65.4
87 23.6 25.8 38.6#
59 10.6 10.6 16.0#





#21
1,1-Dichloroethane
Concen: 21.574 ug/l
RT: 6.583 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

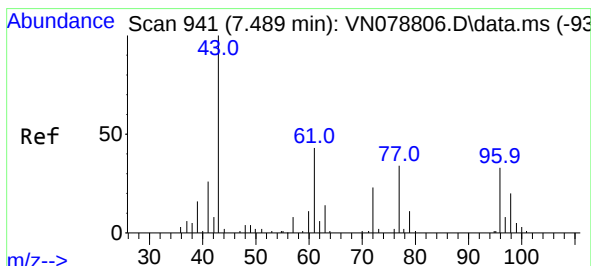
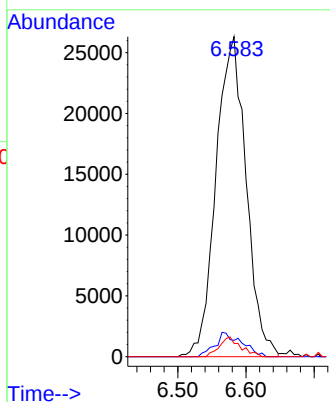
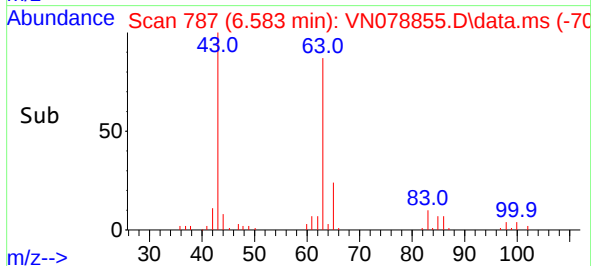
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



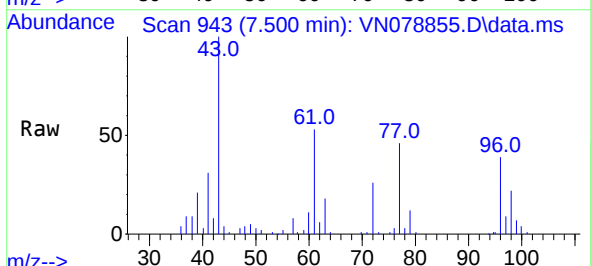
Tgt Ion: 63 Resp: 80860
Ion Ratio Lower Upper
63 100
98 5.1 2.7 8.1
100 4.2 2.5 7.4

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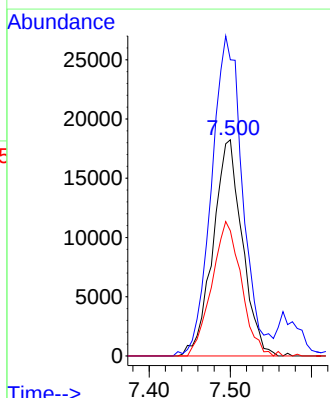
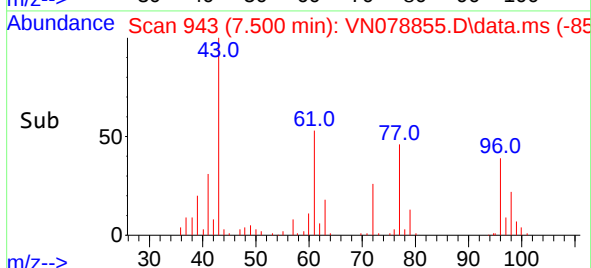
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

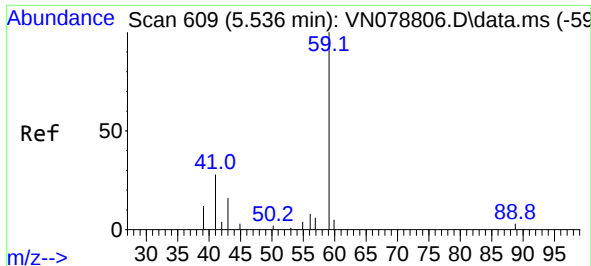


#22
cis-1,2-Dichloroethene
Concen: 21.458 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



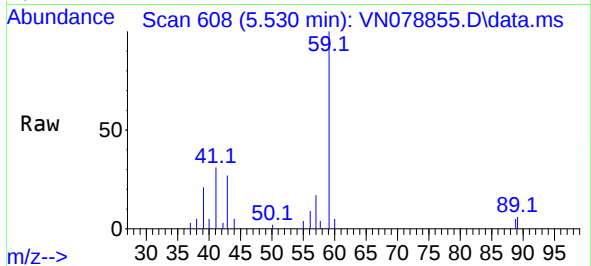
Tgt Ion: 96 Resp: 45736
Ion Ratio Lower Upper
96 100
61 157.7 113.8 170.6
98 62.7 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 89.302 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

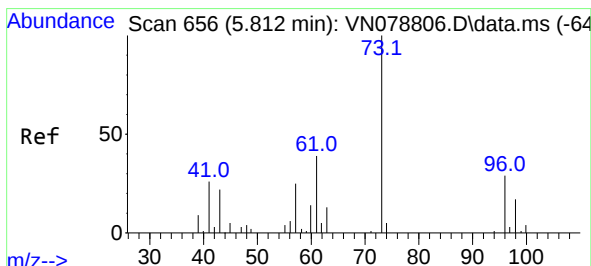
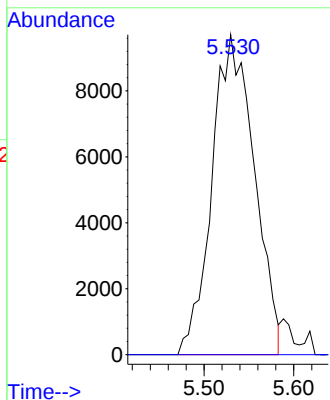
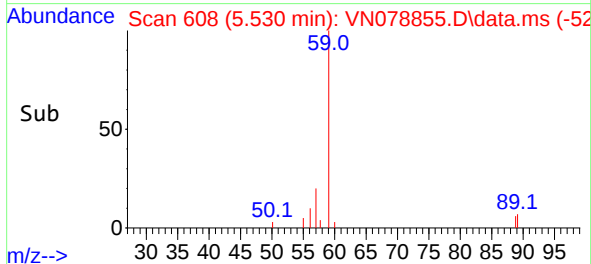
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 59 Resp: 31829
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

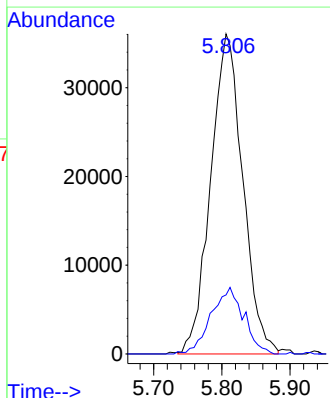
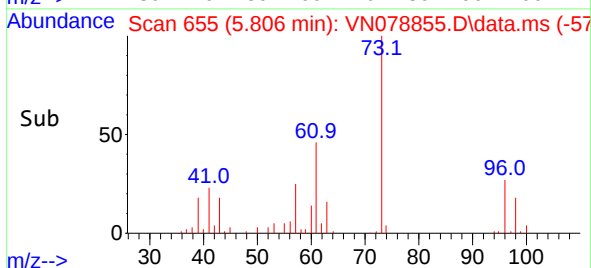
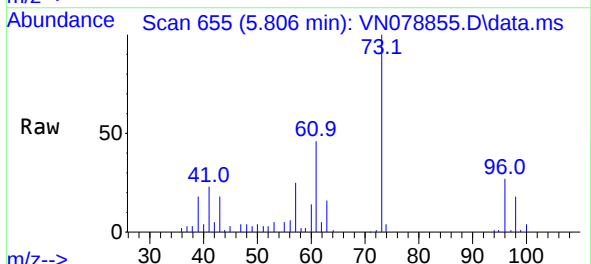
Manual Integrations
APPROVED

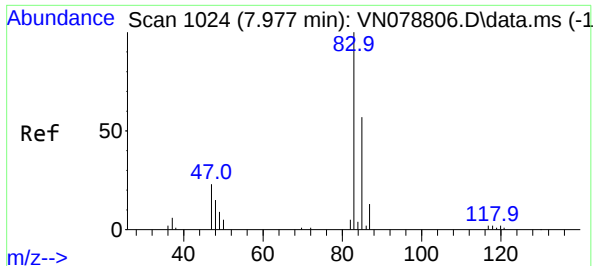
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#24
Methyl tert-Butyl Ether
Concen: 21.096 ug/l
RT: 5.806 min Scan# 655
Delta R.T. -0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Tgt Ion: 73 Resp: 118253
Ion Ratio Lower Upper
73 100
43 21.1 14.5 21.7





#25

Chloroform

Concen: 21.138 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078855.D

Acq: 11 Aug 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

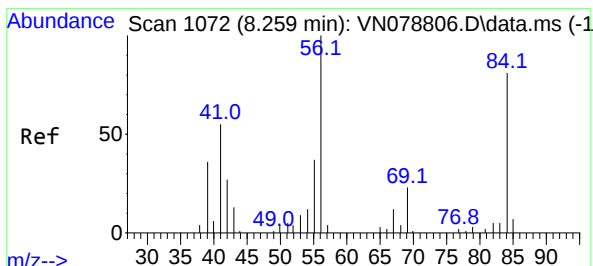
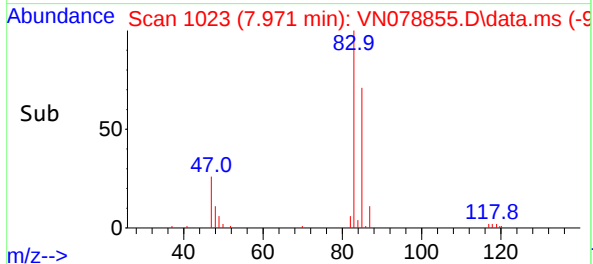
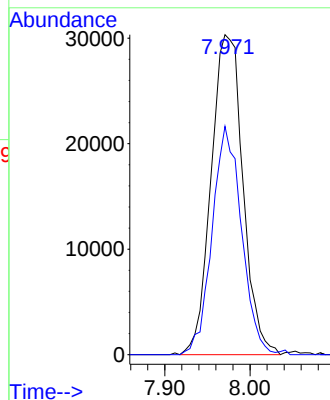
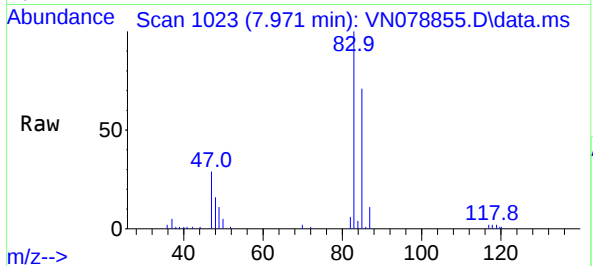
Tgt Ion: 83 Resp: 78654
 Ion Ratio Lower Upper
 83 100
 85 71.3 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#26

Cyclohexane

Concen: 20.262 ug/l

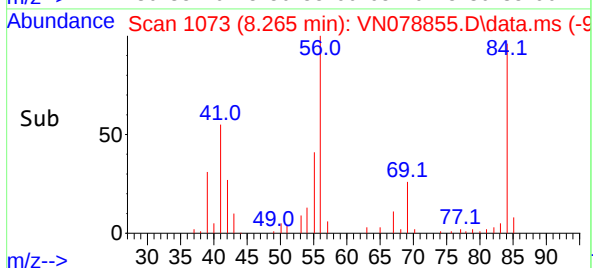
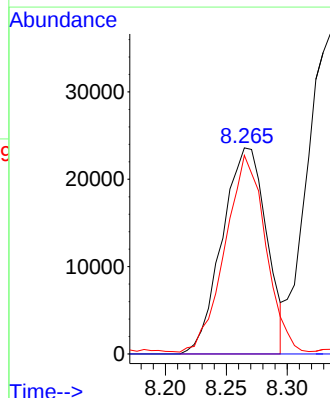
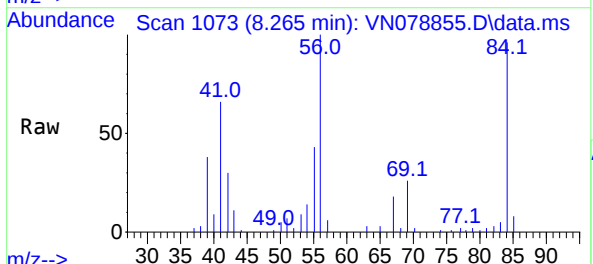
RT: 8.265 min Scan# 1073

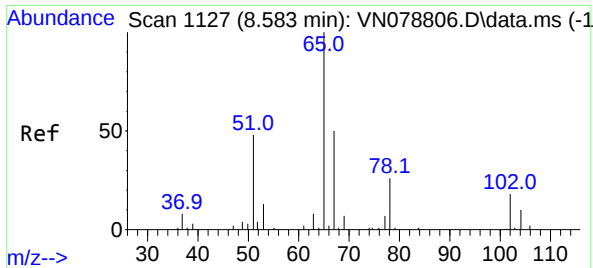
Delta R.T. 0.006 min

Lab File: VN078855.D

Acq: 11 Aug 2023 10:33

Tgt Ion: 56 Resp: 59816
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 89.4 74.2 111.4





#27
1,2-Dichloroethane-d4
Concen: 30.172 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

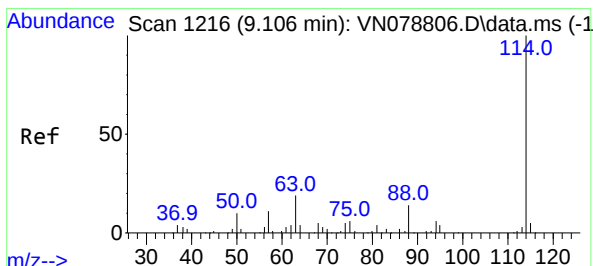
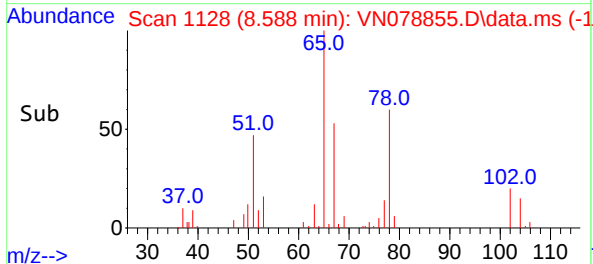
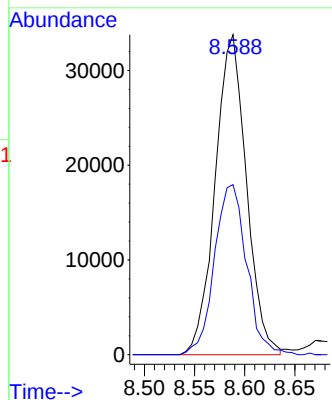
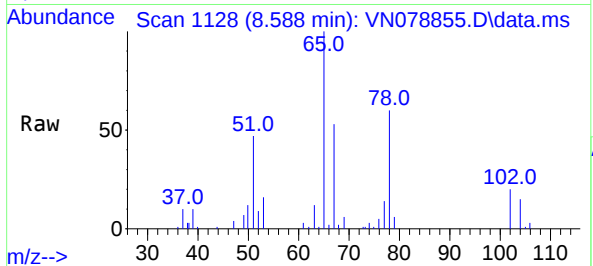
VN0811WBSD01

Tgt Ion: 65 Resp: 7305
Ion Ratio Lower Upper
65 100
67 54.8 42.9 64.3

Manual Integrations

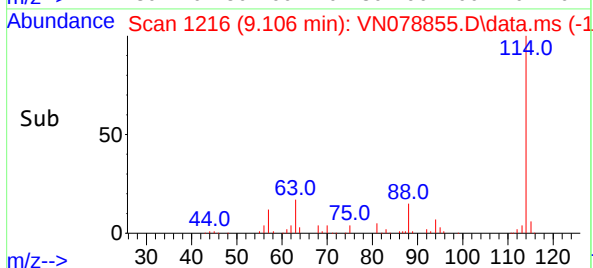
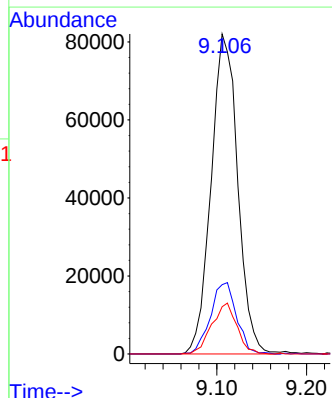
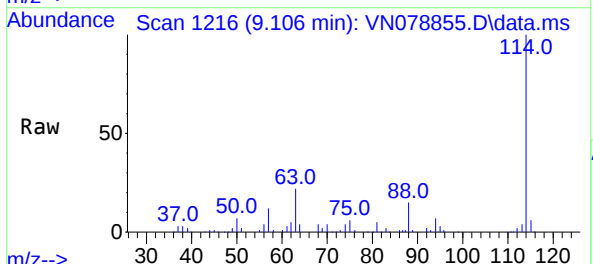
APPROVED

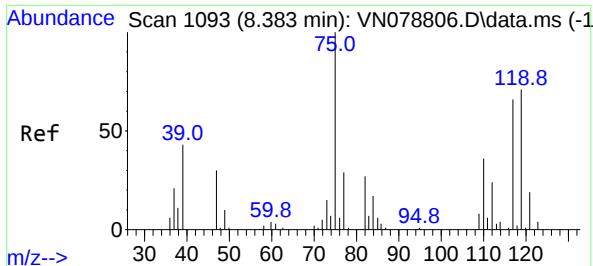
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Tgt Ion:114 Resp: 168850
Ion Ratio Lower Upper
114 100
63 21.8 15.2 22.8
88 15.0 12.5 18.7





#29
1,1-Dichloropropene
Concen: 20.697 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

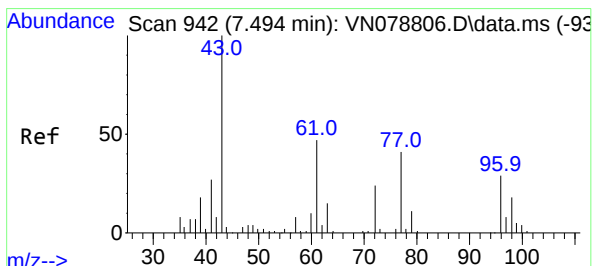
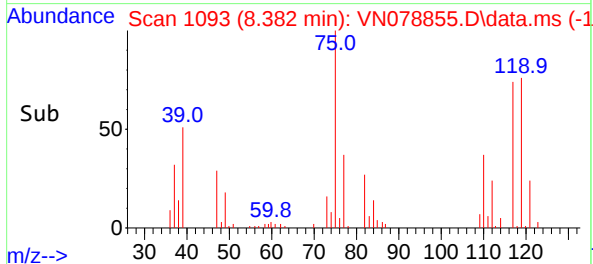
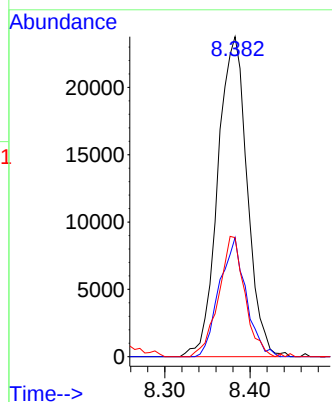
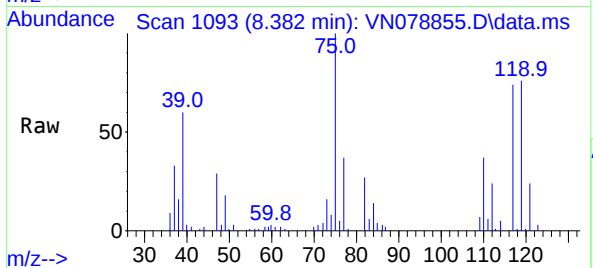
Tgt Ion: 75 Resp: 56770
Ion Ratio Lower Upper
75 100
110 33.8 0.0 72.2
77 33.5 0.0 62.8

Manual Integrations

APPROVED

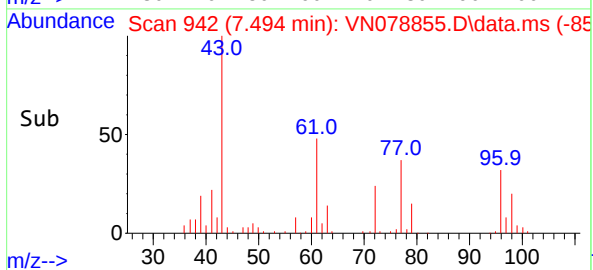
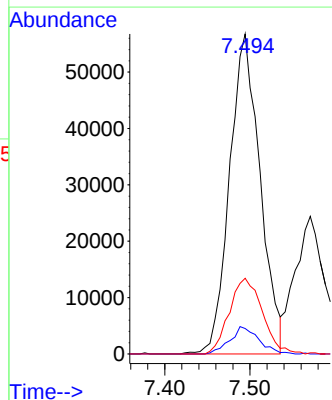
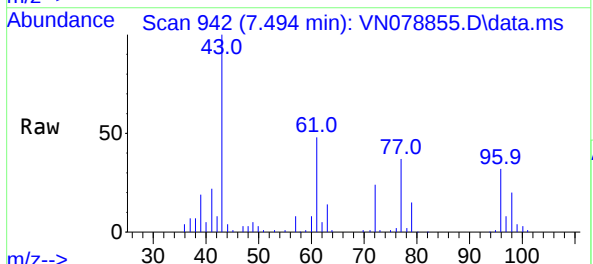
Reviewed By :John Carlone 08/14/2023

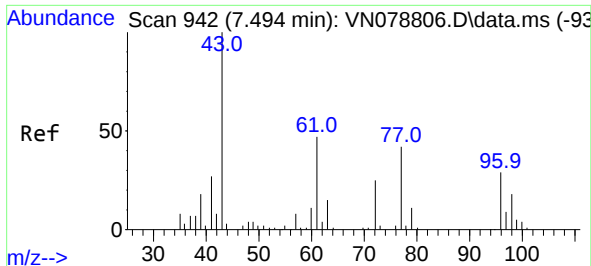
Supervised By :Mahesh Dadoda 08/15/2023



#30
2-Butanone
Concen: 105.001 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

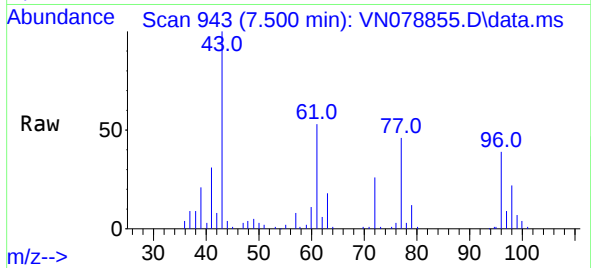
Tgt Ion: 43 Resp: 141178
Ion Ratio Lower Upper
43 100
57 7.9 6.8 10.2
72 25.6 23.8 35.6





#31
2,2-Dichloropropane
Concen: 22.512 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

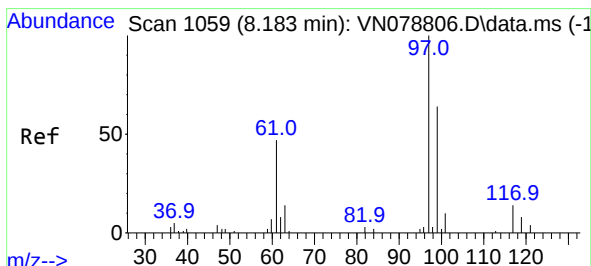
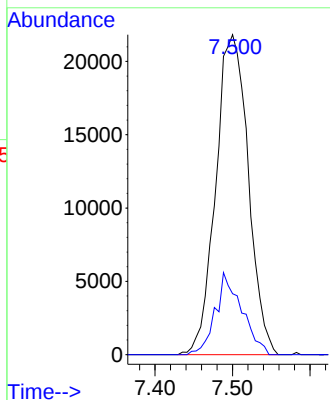
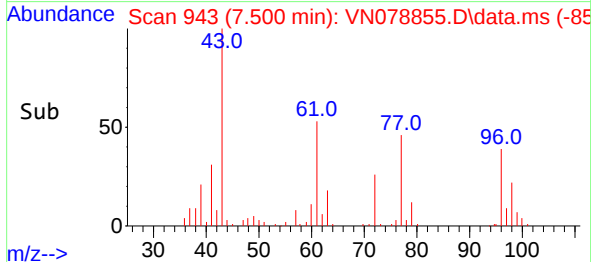
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



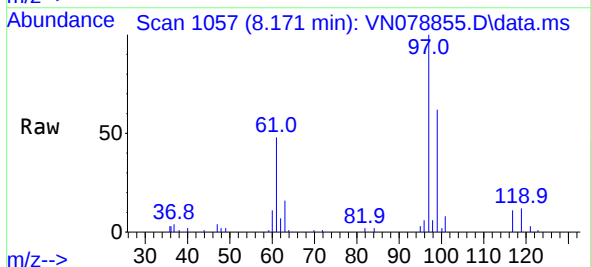
Tgt Ion: 77 Resp: 63680
Ion Ratio Lower Upper
77 100
97 20.9 18.8 28.2

Manual Integrations
APPROVED

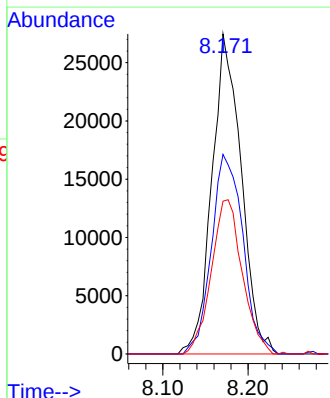
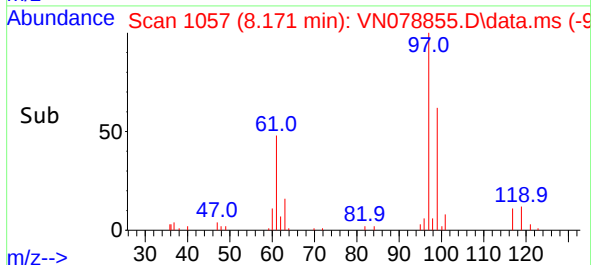
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

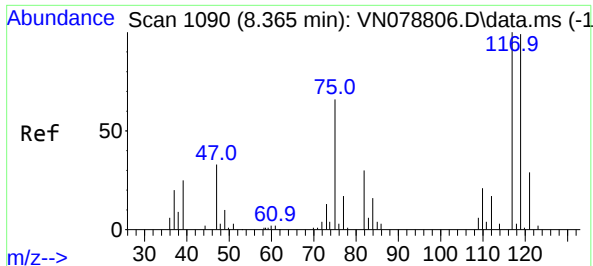


#32
1,1,1-Trichloroethane
Concen: 20.284 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.012 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



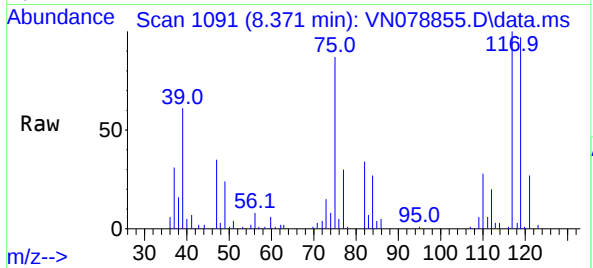
Tgt Ion: 97 Resp: 65527
Ion Ratio Lower Upper
97 100
99 67.0 51.3 76.9
61 51.0 34.6 52.0





#33
Carbon Tetrachloride
Concen: 21.104 ug/l
RT: 8.371 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

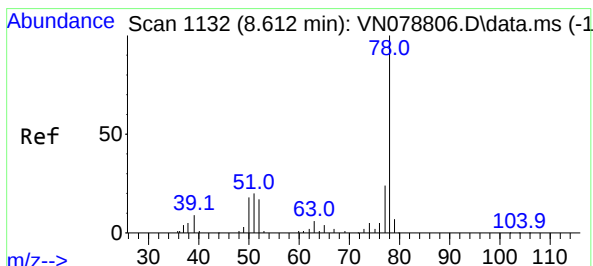
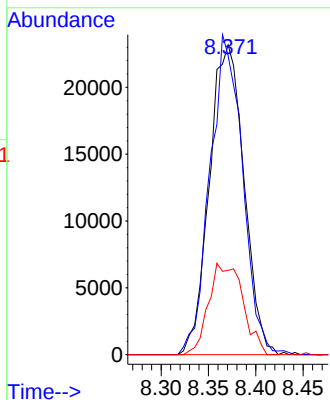
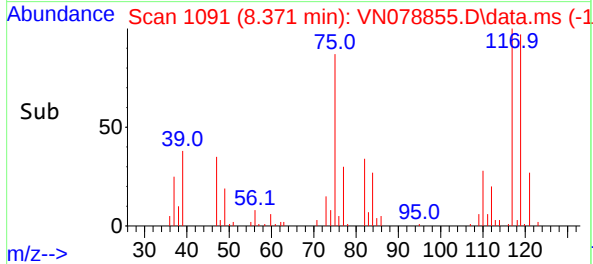
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



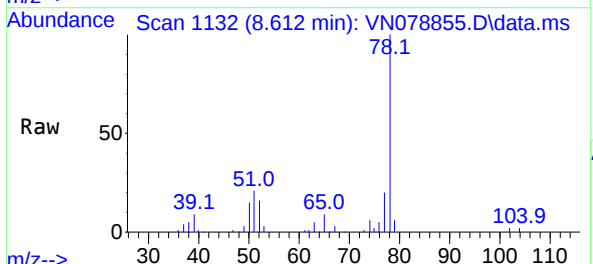
Tgt Ion:117 Resp: 5884
Ion Ratio Lower Upper
117 100
119 96.5 81.4 122.0
121 27.2 23.6 35.4

Manual Integrations
APPROVED

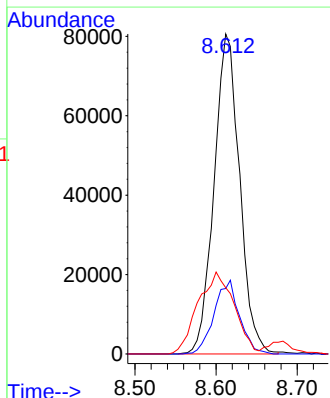
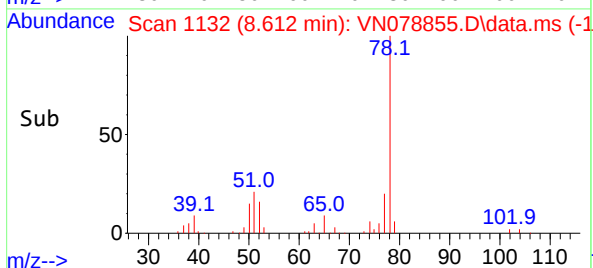
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

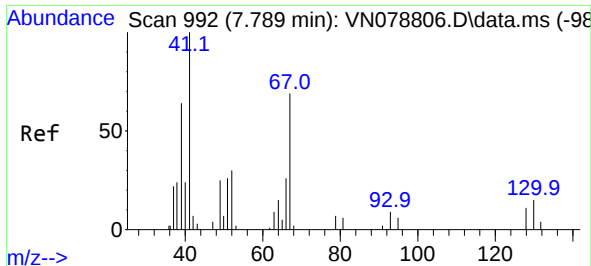


#34
Benzene
Concen: 21.121 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



Tgt Ion: 78 Resp: 176293
Ion Ratio Lower Upper
78 100
77 20.5 18.3 27.5
51 19.2 13.7 20.5





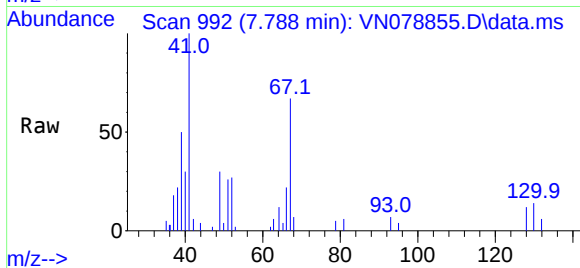
#35
Methacrylonitrile
Concen: 18.652 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

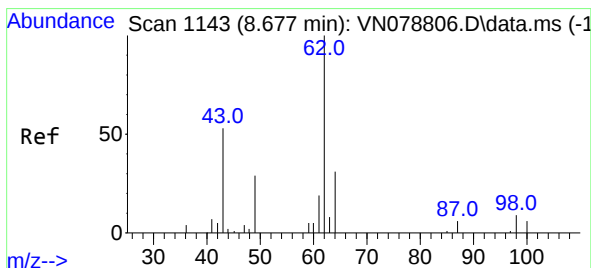
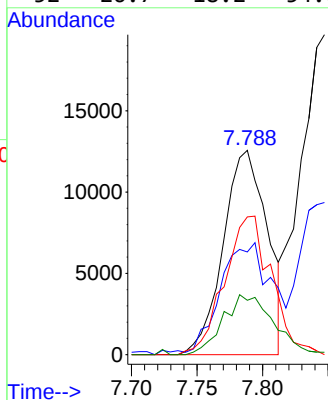
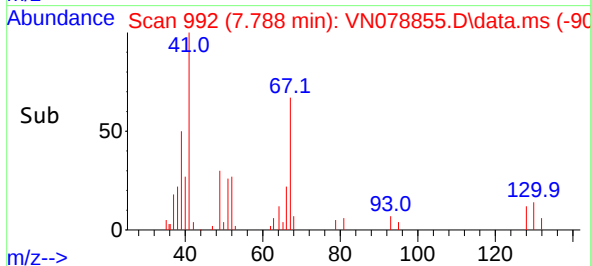


Tgt Ion: 41 Resp: 29449
Ion Ratio Lower Upper
41 100
39 48.3 33.9 101.6
67 67.4 45.9 137.6
52 26.7 18.2 54.6

Manual Integrations

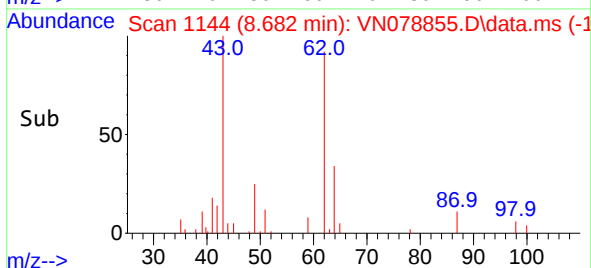
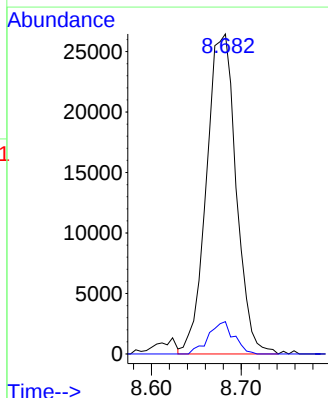
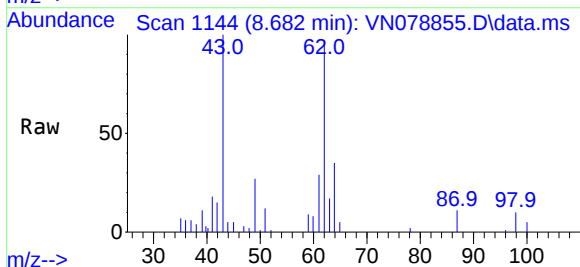
APPROVED

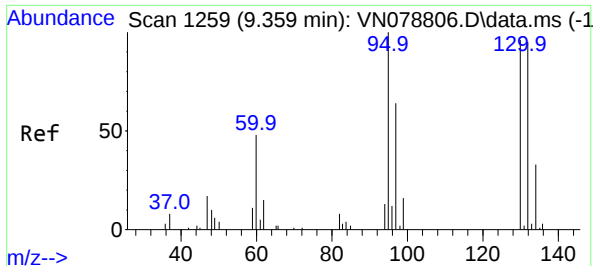
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#36
1,2-Dichloroethane
Concen: 20.838 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

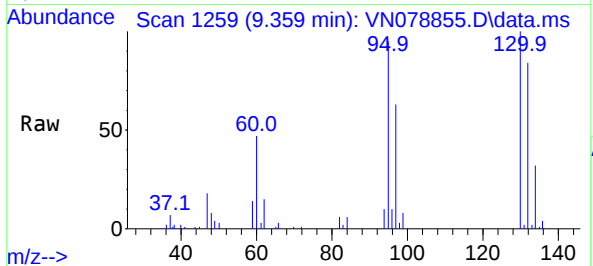
Tgt Ion: 62 Resp: 60802
Ion Ratio Lower Upper
62 100
98 7.6 7.4 11.0





#37
Trichloroethene
Concen: 21.115 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

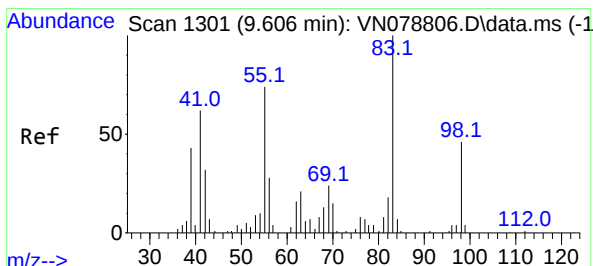
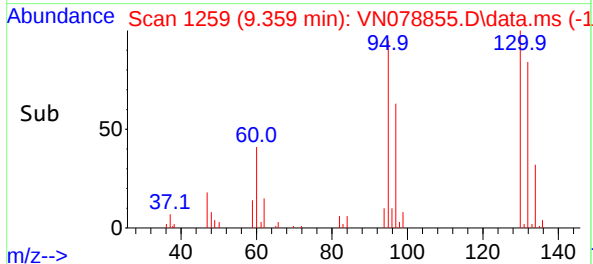
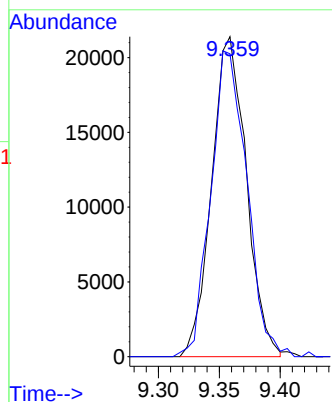
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion:130 Resp: 42410
Ion Ratio Lower Upper
130 100
95 93.4 78.2 117.4

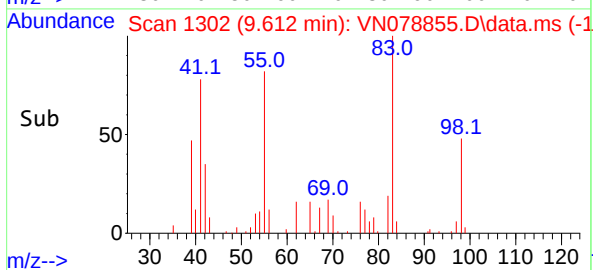
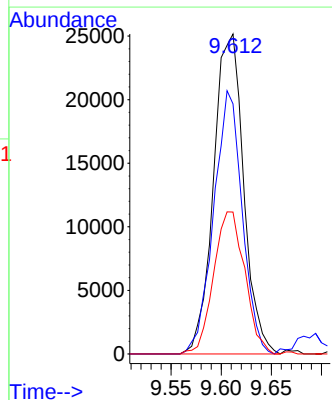
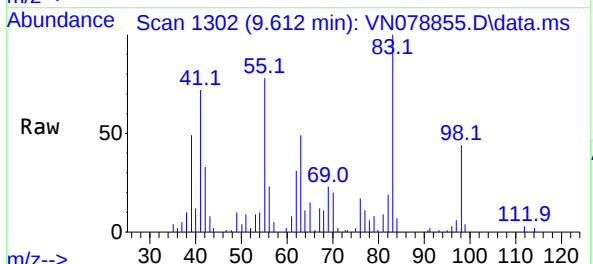
Manual Integrations
APPROVED

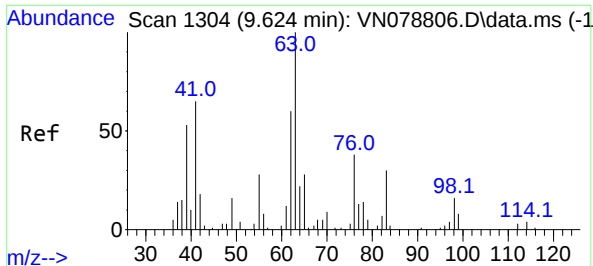
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#38
Methylcyclohexane
Concen: 20.213 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

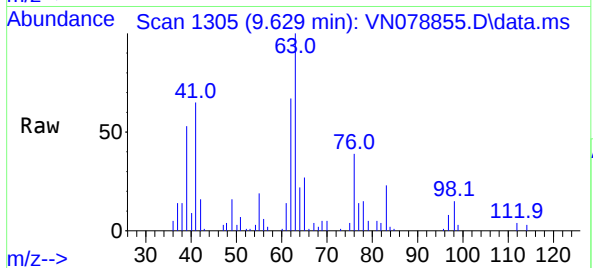
Tgt Ion: 83 Resp: 52495
Ion Ratio Lower Upper
83 100
55 78.0 34.0 102.0
98 46.1 23.0 69.0





#39
1,2-Dichloropropane
Concen: 21.617 ug/l m
RT: 9.629 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

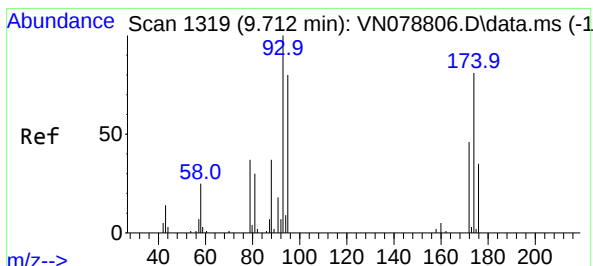
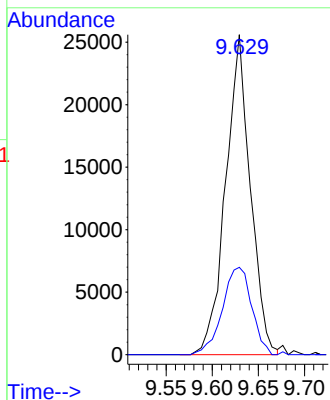
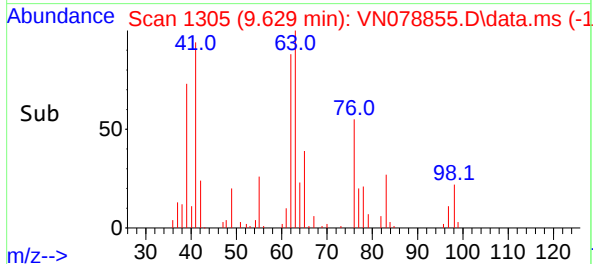
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 63 Resp: 47739
Ion Ratio Lower Upper
63 100
65 27.3 27.4 41.2

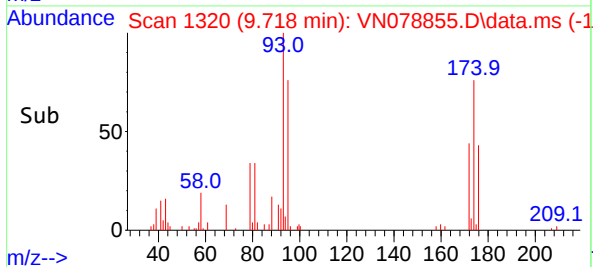
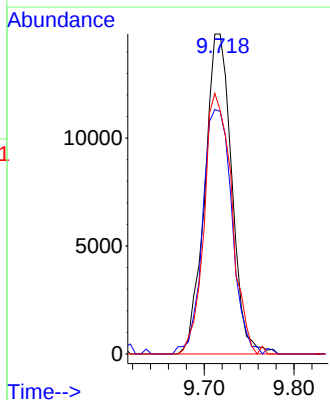
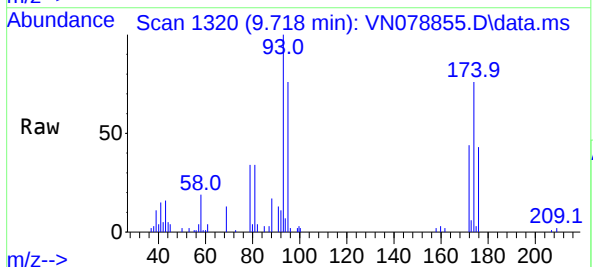
Manual Integrations
APPROVED

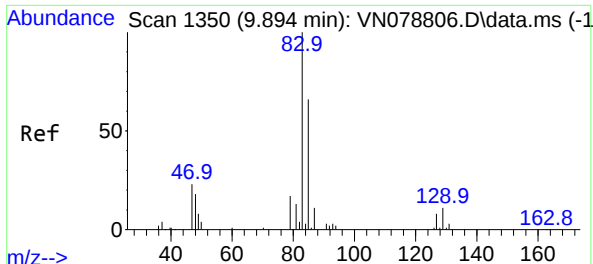
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#40
Dibromomethane
Concen: 20.993 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

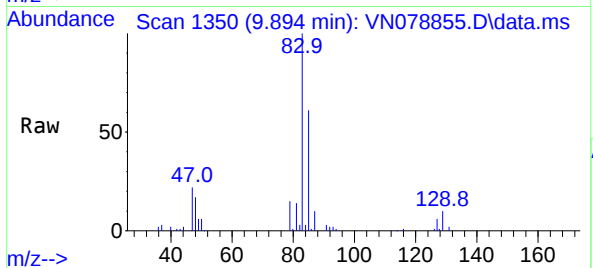
Tgt Ion: 93 Resp: 30871
Ion Ratio Lower Upper
93 100
95 82.4 0.0 167.8
174 83.0 0.0 180.8





#41
Bromodichloromethane
Concen: 21.105 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

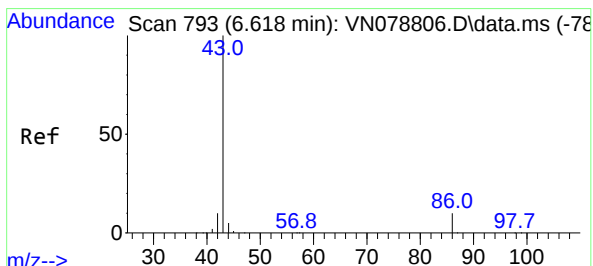
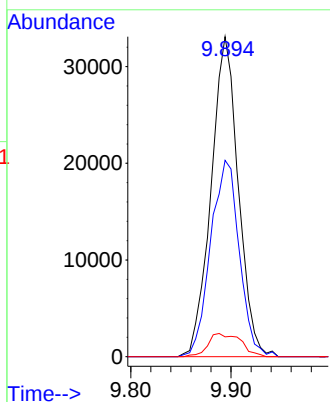
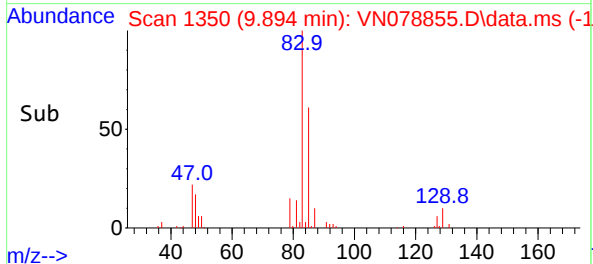
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 83 Resp: 62534
Ion Ratio Lower Upper
83 100
85 61.3 54.1 81.1
127 6.7 7.8 11.6

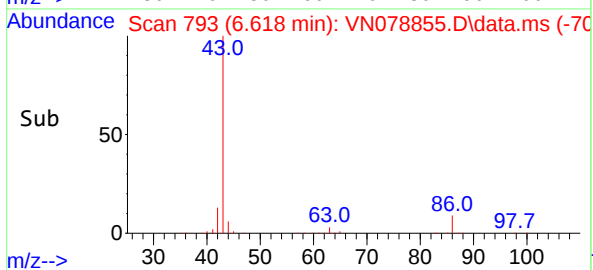
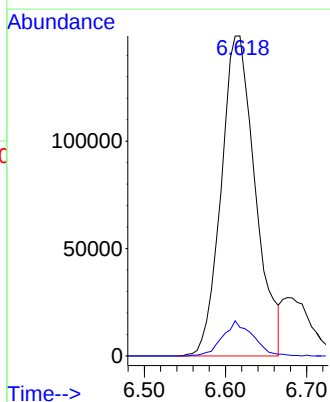
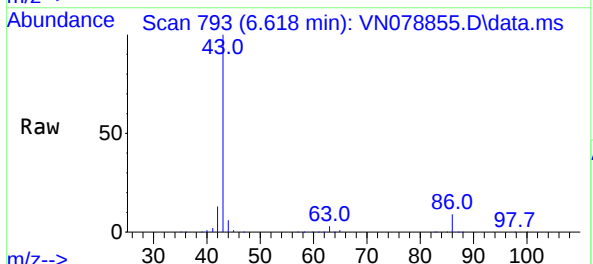
Manual Integrations
APPROVED

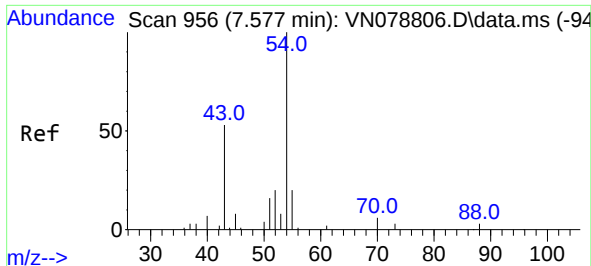
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#42
Vinyl Acetate
Concen: 102.985 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

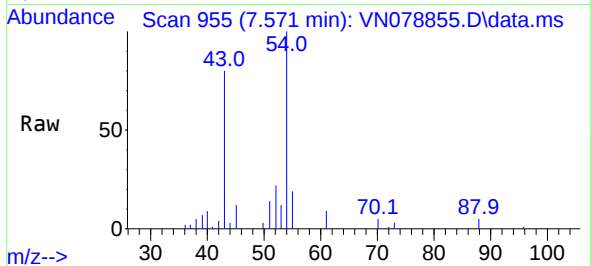
Tgt Ion: 43 Resp: 435734
Ion Ratio Lower Upper
43 100
86 9.7 9.4 14.0





#43
Ethyl Acetate
Concen: 20.503 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

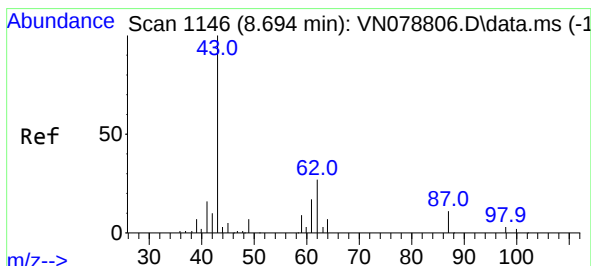
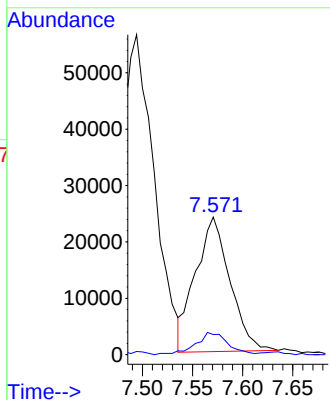
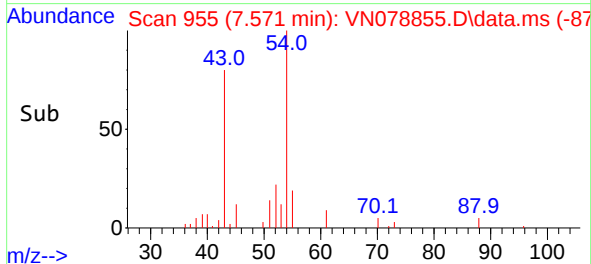
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



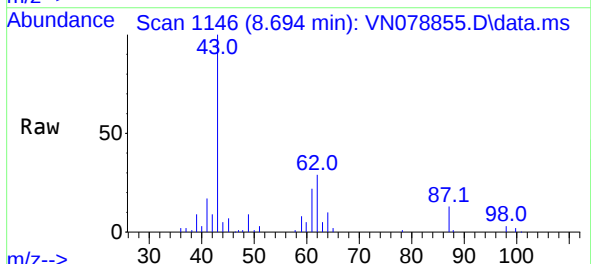
Tgt Ion: 43 Resp: 57220
Ion Ratio Lower Upper
43 100
45 15.0 10.9 16.3

Manual Integrations
APPROVED

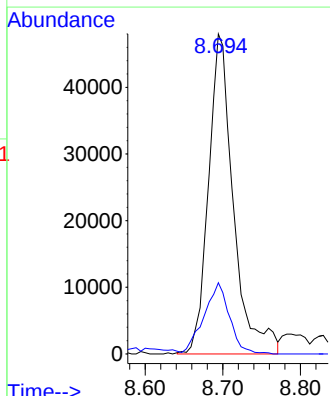
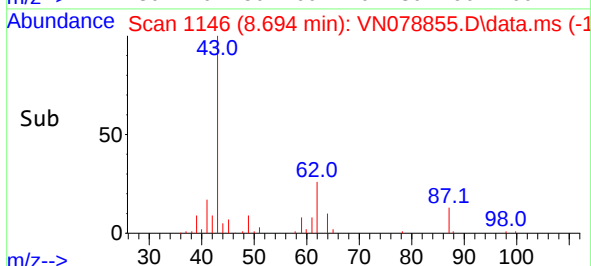
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

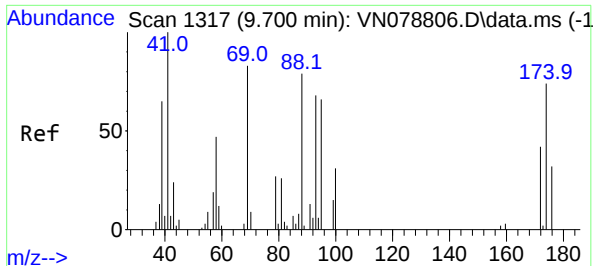


#44
Isopropyl Acetate
Concen: 21.350 ug/l m
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



Tgt Ion: 43 Resp: 107006
Ion Ratio Lower Upper
43 100
61 0.6 23.0 34.6#





#45

1,4-Dioxane

Concen: 420.958 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078855.D

Acq: 11 Aug 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

Tgt Ion: 88 Resp: 1415

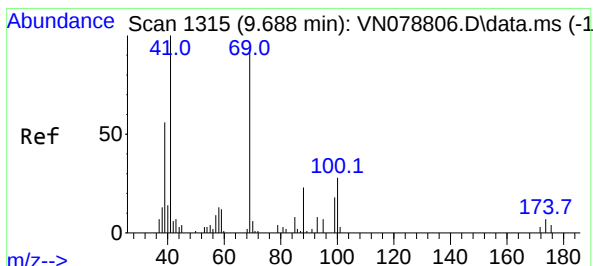
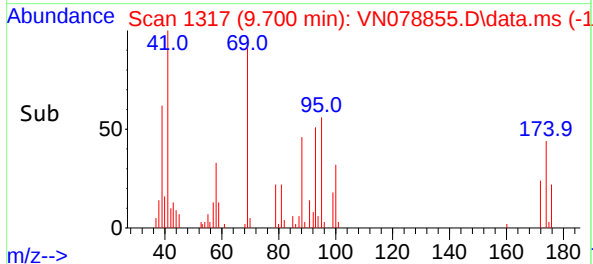
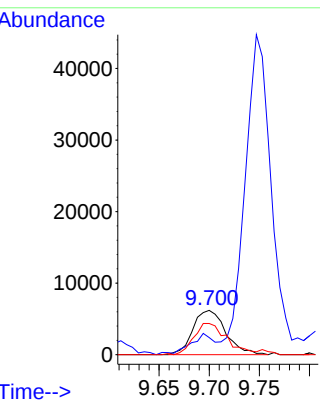
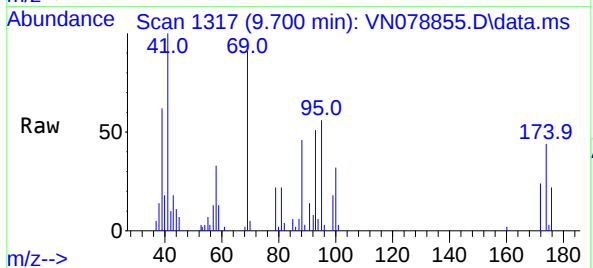
Ion	Ratio	Lower	Upper
88	100		
43	27.5	19.0	28.6
58	63.5	48.2	72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#46

Methyl methacrylate

Concen: 20.948 ug/l

RT: 9.682 min Scan# 1314

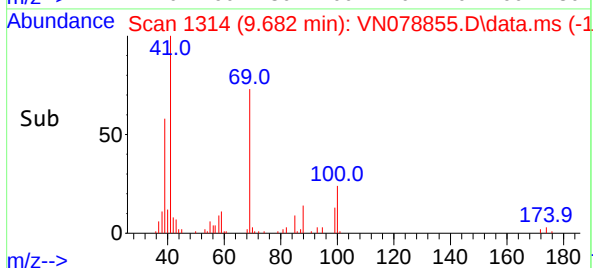
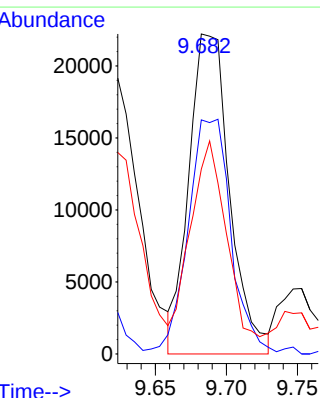
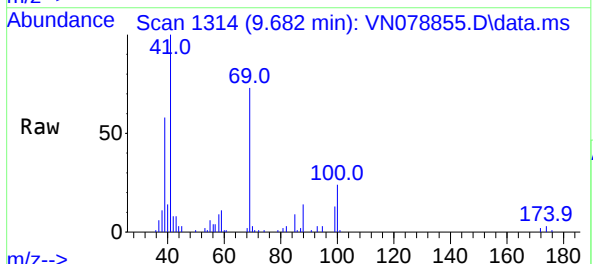
Delta R.T. -0.006 min

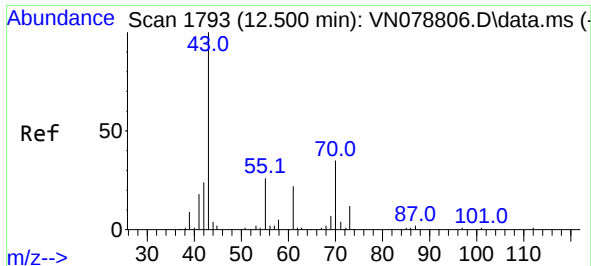
Lab File: VN078855.D

Acq: 11 Aug 2023 10:33

Tgt Ion: 41 Resp: 44458

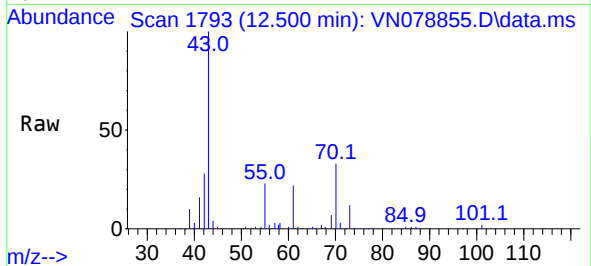
Ion	Ratio	Lower	Upper
41	100		
69	75.8	49.0	147.0
39	54.6	31.6	94.8





#47
n-amy1 Acetate
Concen: 20.398 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

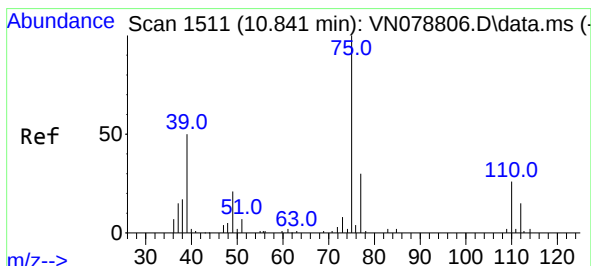
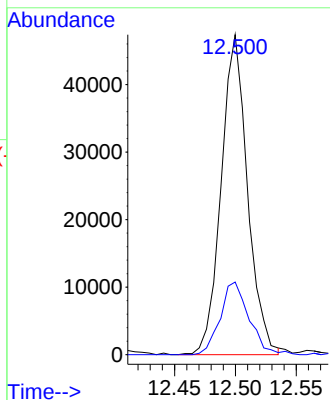
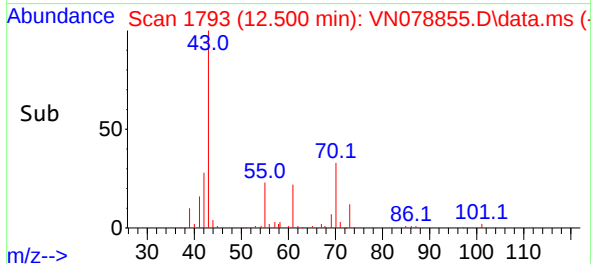
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



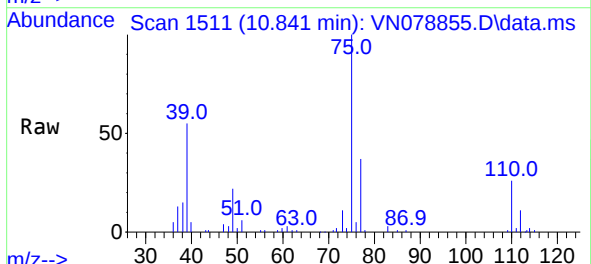
Tgt Ion: 43 Resp: 71472
Ion Ratio Lower Upper
43 100
55 24.8 21.5 32.3

Manual Integrations
APPROVED

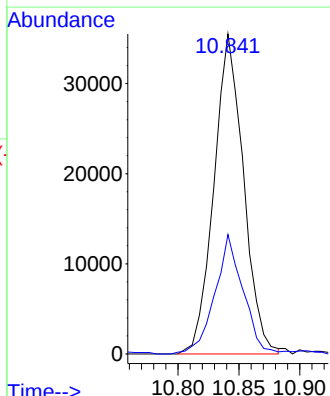
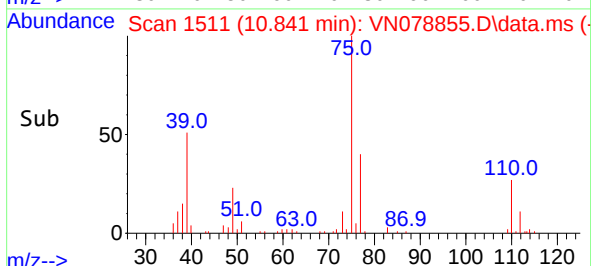
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

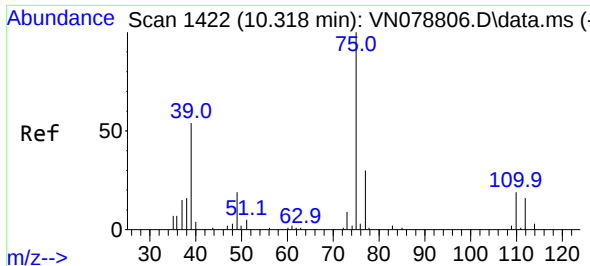


#48
t-1,3-Dichloropropene
Concen: 20.079 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



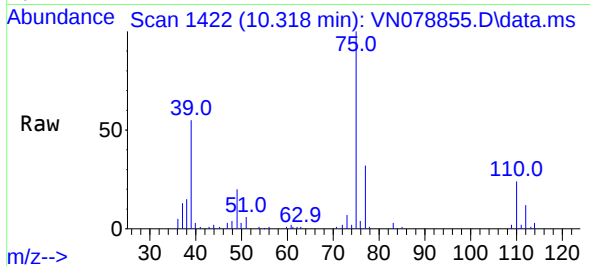
Tgt Ion: 75 Resp: 60075
Ion Ratio Lower Upper
75 100
77 36.8 26.1 39.1





#49
cis-1,3-Dichloropropene
Concen: 20.990 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

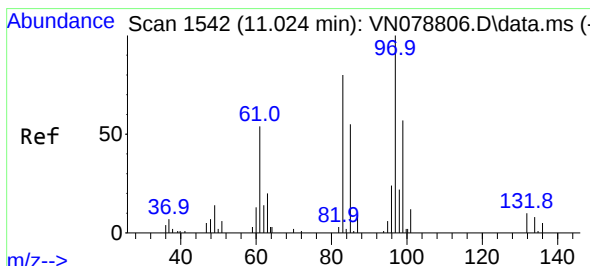
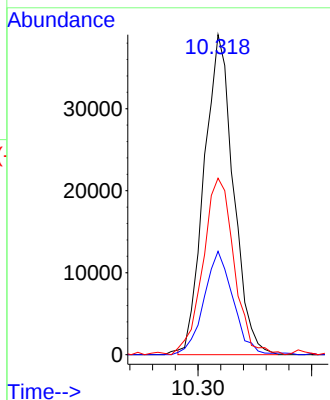
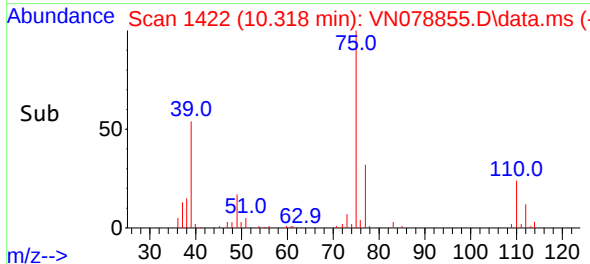
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 75 Resp: 6984
Ion Ratio Lower Upper
75 100
77 31.8 24.0 36.0
39 53.8 35.1 52.7

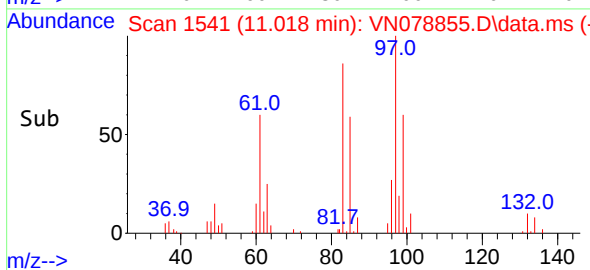
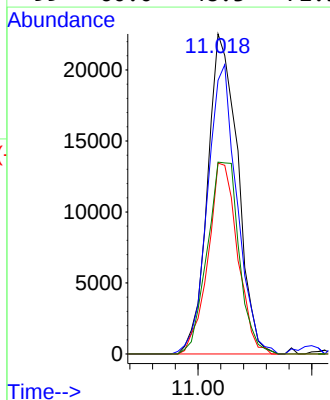
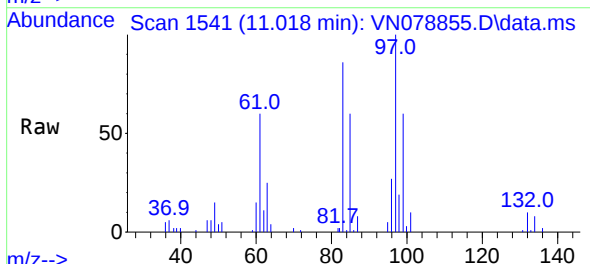
Manual Integrations
APPROVED

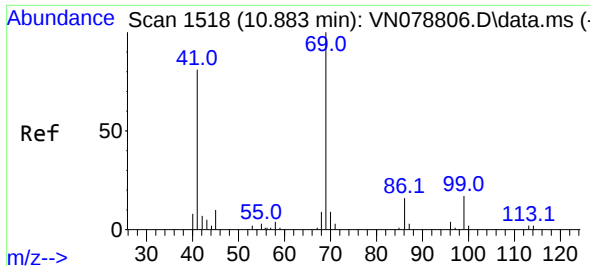
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#50
1,1,2-Trichloroethane
Concen: 20.722 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Tgt Ion: 97 Resp: 41406
Ion Ratio Lower Upper
97 100
83 85.5 66.8 100.2
85 59.7 42.5 63.7
99 60.0 48.3 72.5





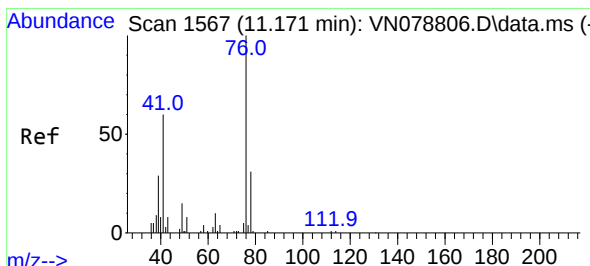
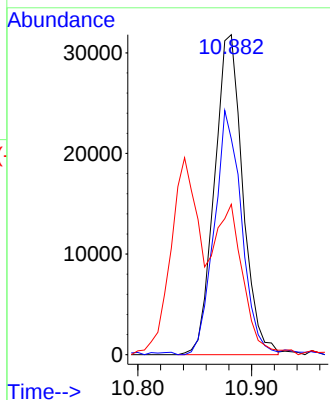
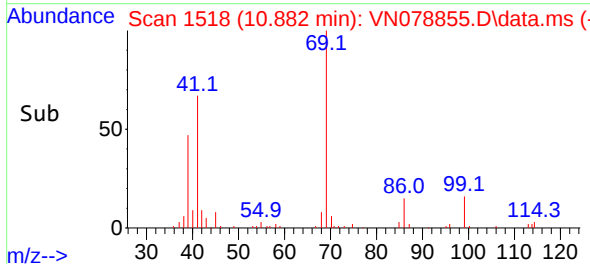
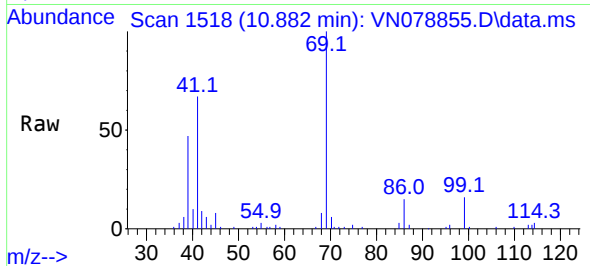
#51
Ethyl methacrylate
Concen: 19.627 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

Tgt Ion: 69 Resp: 54972
Ion Ratio Lower Upper
69 100
41 67.4 26.0 78.0
39 45.6 16.3 48.9

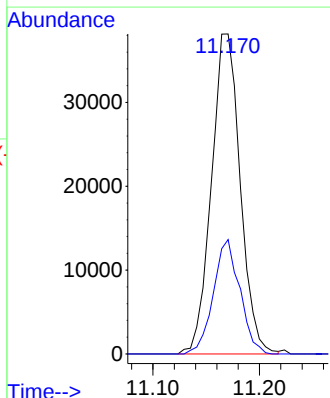
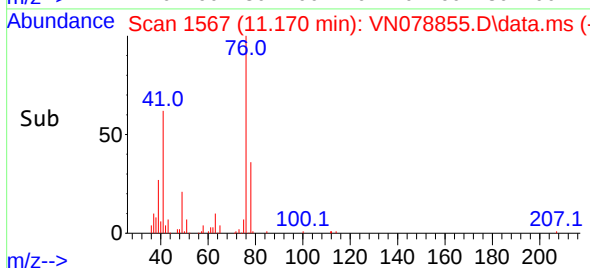
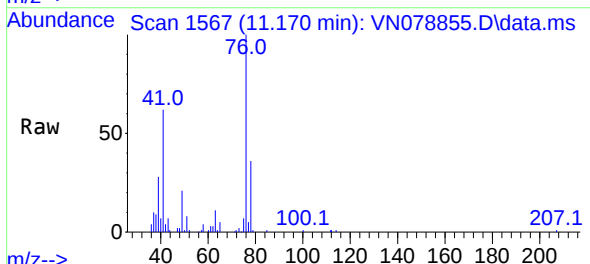
Manual Integrations
APPROVED

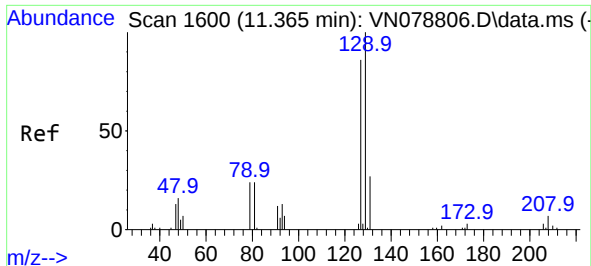
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#52
1,3-Dichloropropane
Concen: 20.858 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

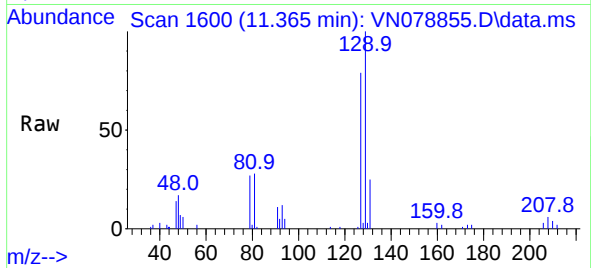
Tgt Ion: 76 Resp: 71563
Ion Ratio Lower Upper
76 100
78 32.9 0.0 66.2





#53
Dibromochloromethane
Concen: 20.326 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

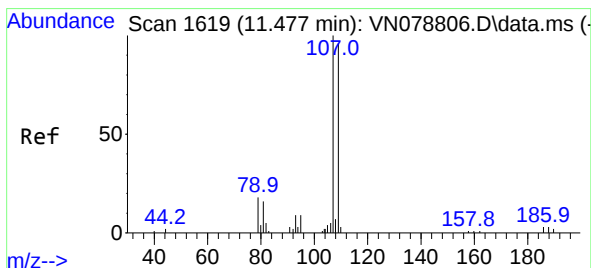
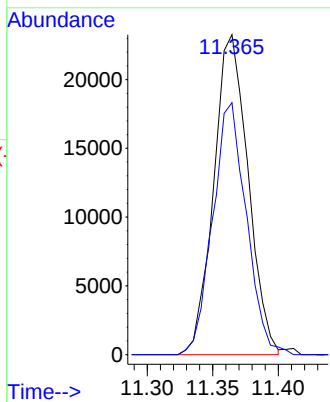
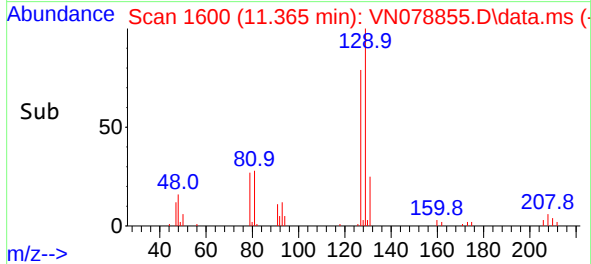
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



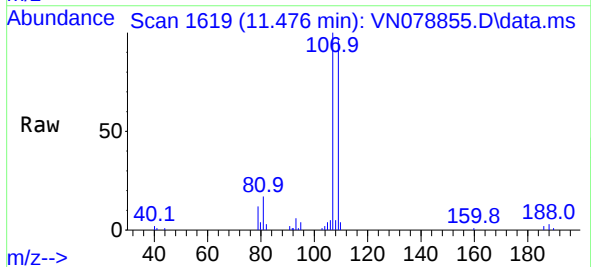
Tgt Ion:129 Resp: 42389
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.1

Manual Integrations
APPROVED

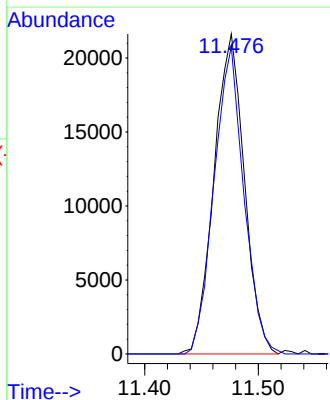
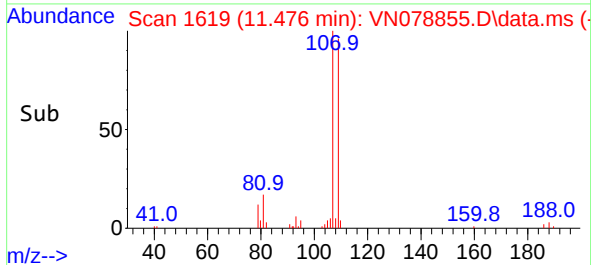
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

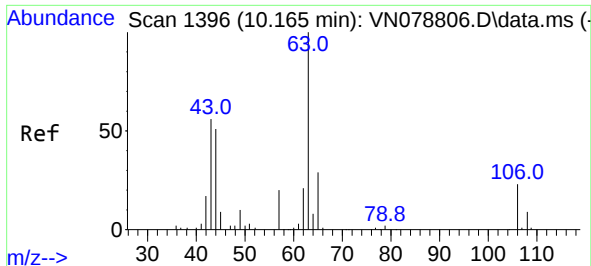


#54
1,2-Dibromoethane
Concen: 20.564 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



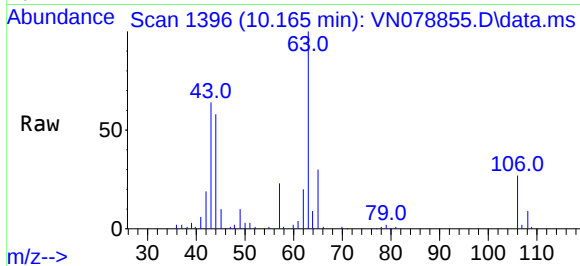
Tgt Ion:107 Resp: 40144
Ion Ratio Lower Upper
107 100
109 94.1 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 99.623 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

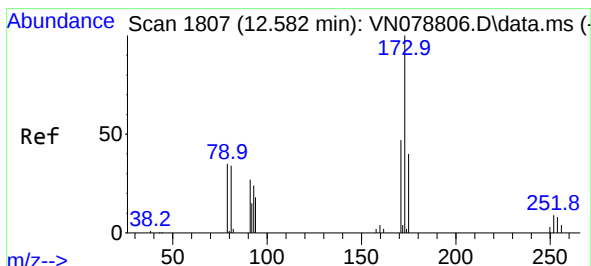
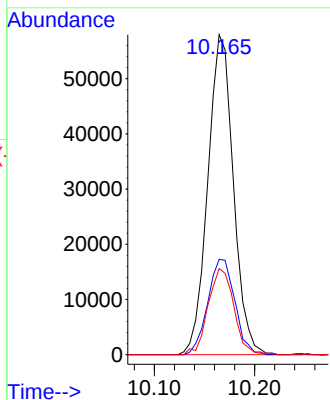
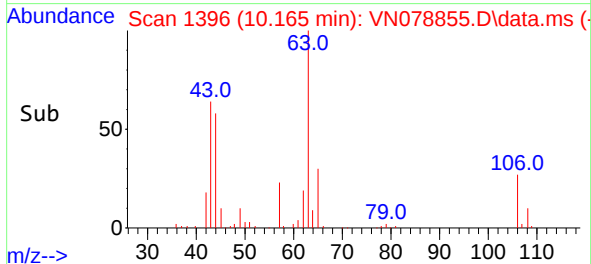
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 63 Resp: 102902
Ion Ratio Lower Upper
63 100
65 31.4 26.3 39.5
106 26.8 23.8 35.6

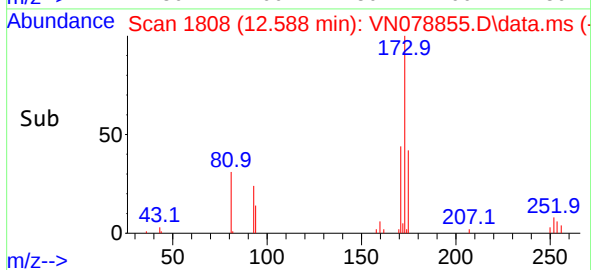
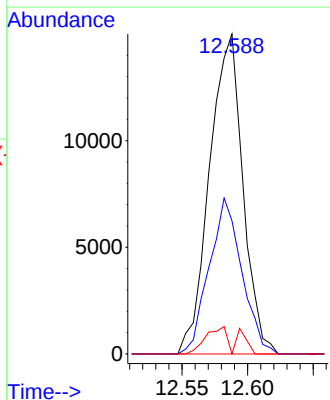
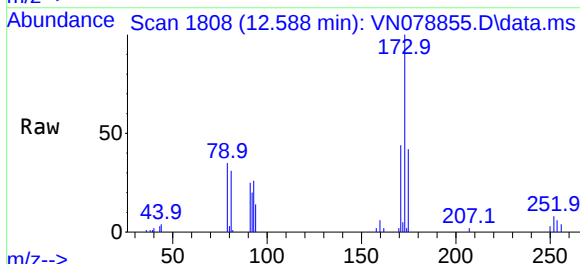
Manual Integrations
APPROVED

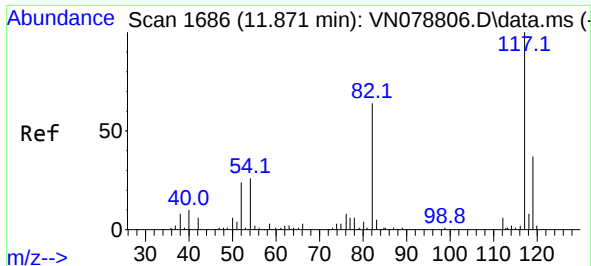
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#56
Bromoform
Concen: 20.291 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

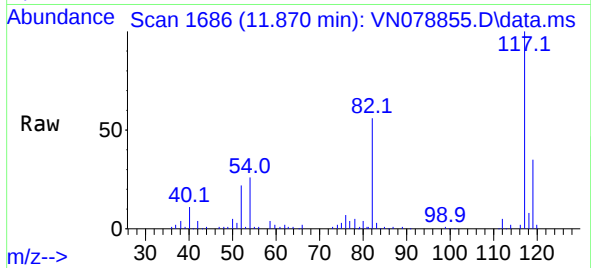
Tgt Ion:173 Resp: 26491
Ion Ratio Lower Upper
173 100
175 0.0 40.7 61.1#
254 2.4 6.5 9.7#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

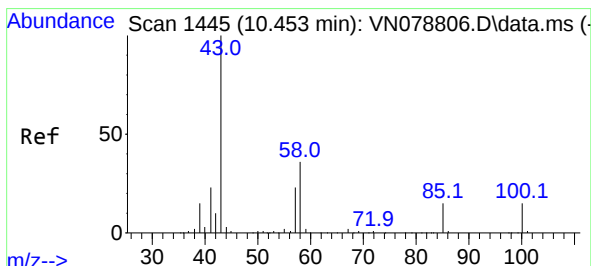
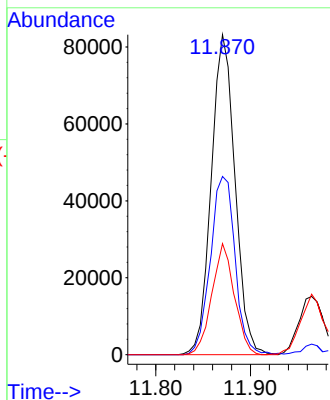
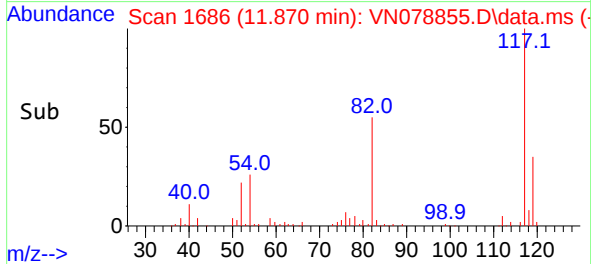
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



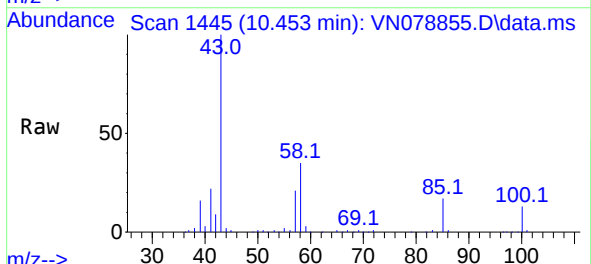
Tgt Ion: 117 Resp: 145009
Ion Ratio Lower Upper
117 100
82 57.9 43.9 65.9
119 32.9 26.2 39.4

Manual Integrations
APPROVED

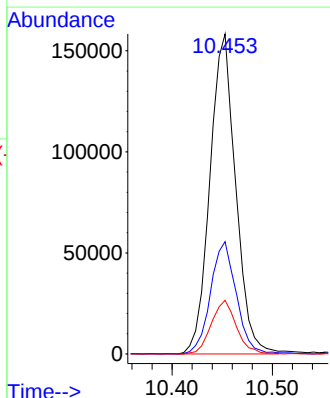
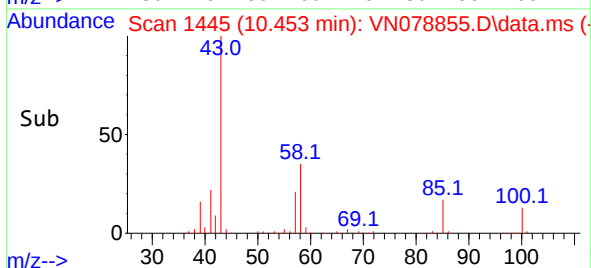
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

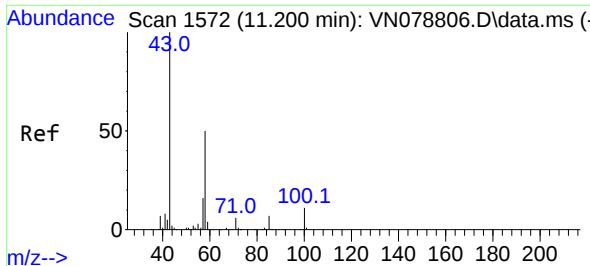


#58
4-Methyl-2-Pentanone
Concen: 101.340 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



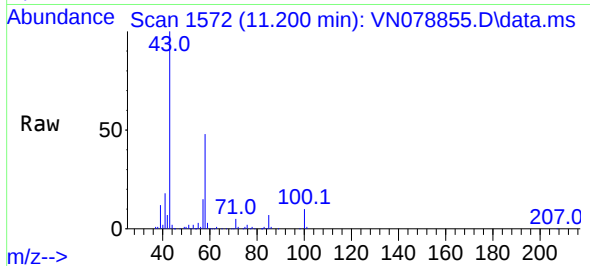
Tgt Ion: 43 Resp: 282459
Ion Ratio Lower Upper
43 100
58 35.1 32.6 48.8
85 16.3 16.2 24.2





#59
2-Hexanone
Concen: 104.839 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

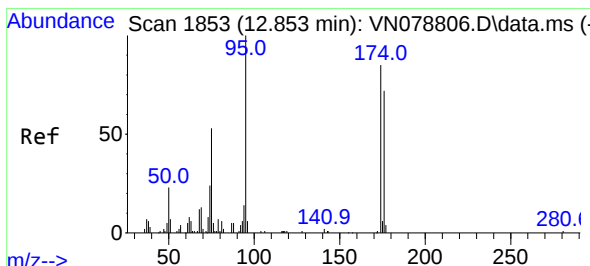
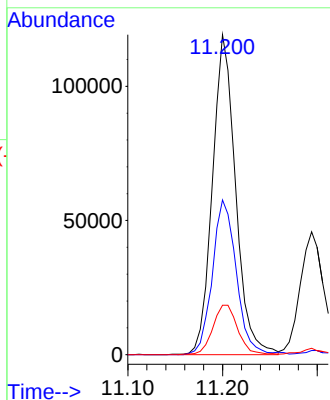
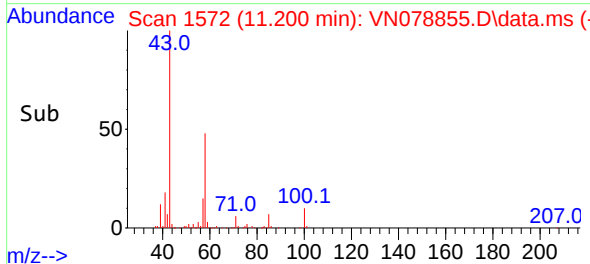
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



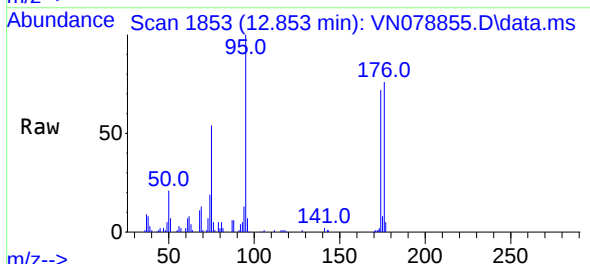
Tgt Ion: 43 Resp: 20306
Ion Ratio Lower Upper
43 100
58 49.8 45.9 68.9
57 16.7 15.8 23.6

Manual Integrations
APPROVED

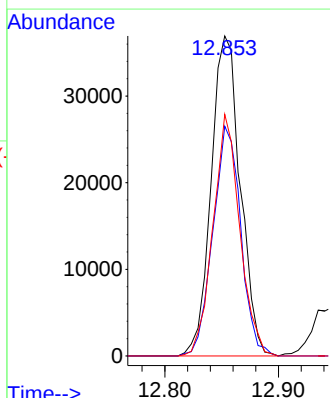
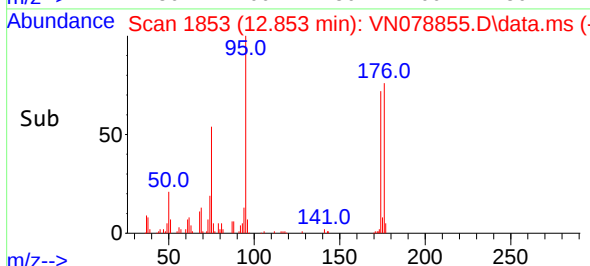
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

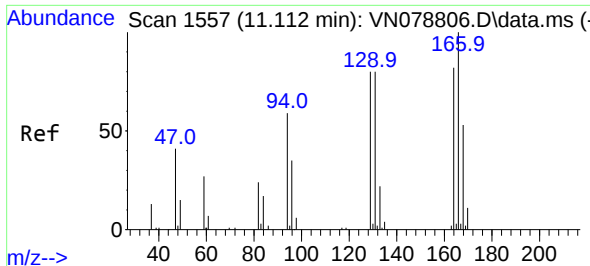


#60
4-Bromofluorobenzene
Concen: 32.358 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



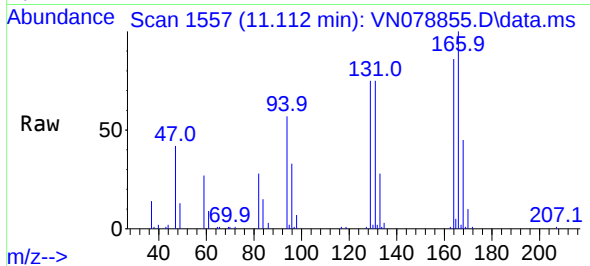
Tgt Ion: 95 Resp: 65864
Ion Ratio Lower Upper
95 100
174 68.4 61.7 92.5
176 69.4 58.1 87.1





#61
Tetrachloroethene
Concen: 21.310 ug/l
RT: 11.112 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

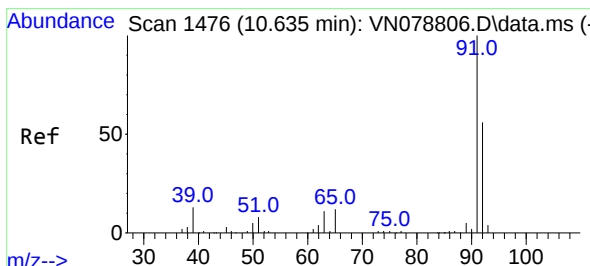
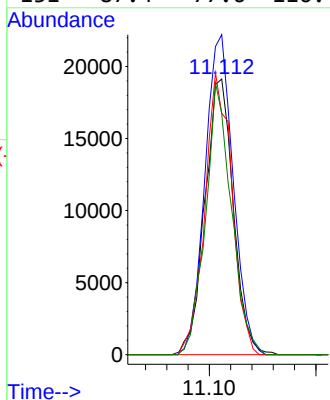
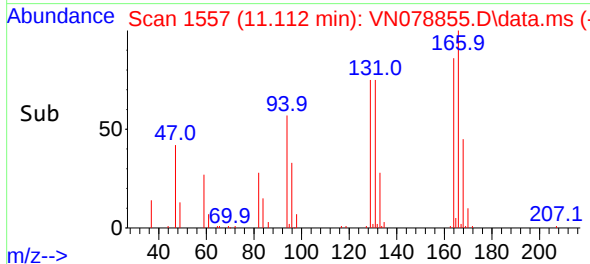
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



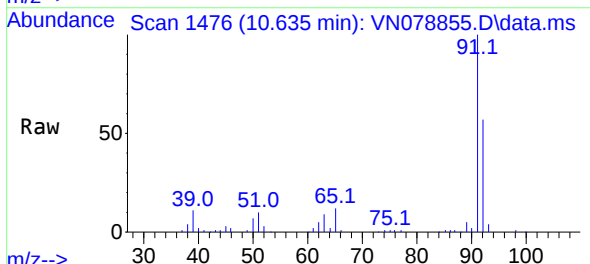
Tgt Ion:164 Resp: 35354
Ion Ratio Lower Upper
164 100
166 116.1 99.1 148.7
129 87.5 85.6 128.4
131 87.4 77.6 116.4

Manual Integrations
APPROVED

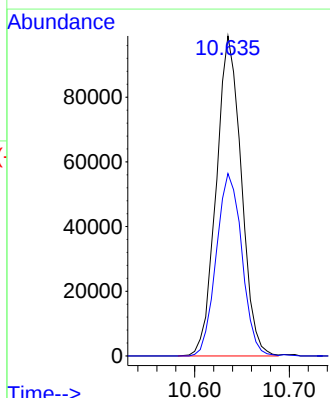
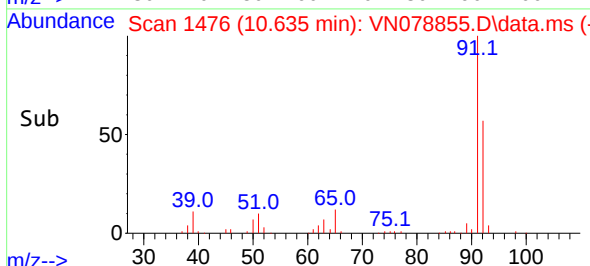
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

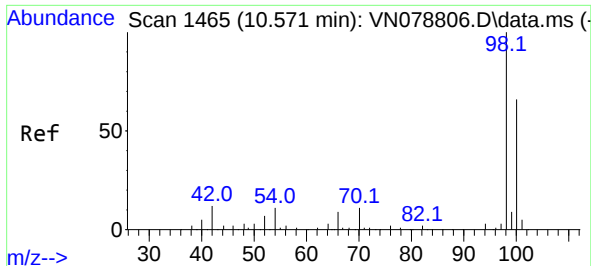


#62
Toluene
Concen: 21.314 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



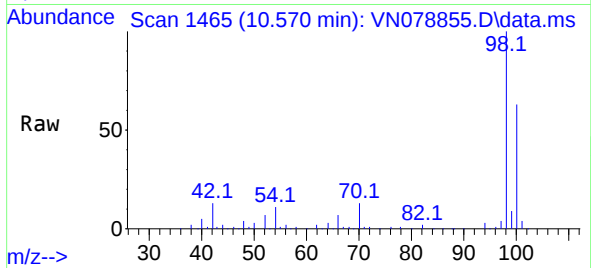
Tgt Ion: 91 Resp: 181959
Ion Ratio Lower Upper
91 100
92 58.2 45.2 67.8





#63
Toluene-d8
Concen: 30.755 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

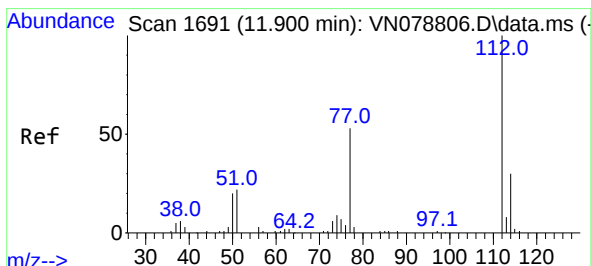
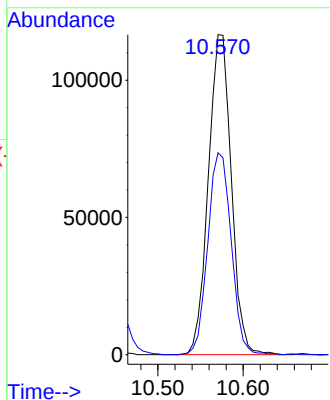
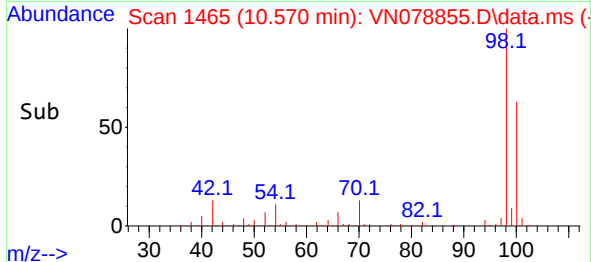
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



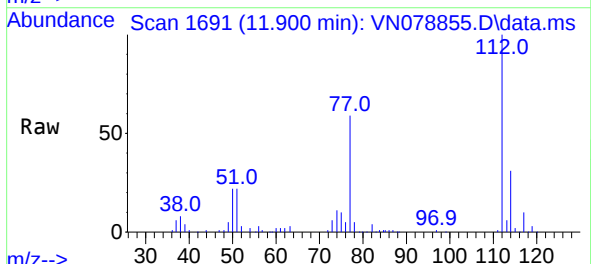
Tgt Ion: 98 Resp: 218544
Ion Ratio Lower Upper
98 100
100 64.1 49.7 74.5

Manual Integrations
APPROVED

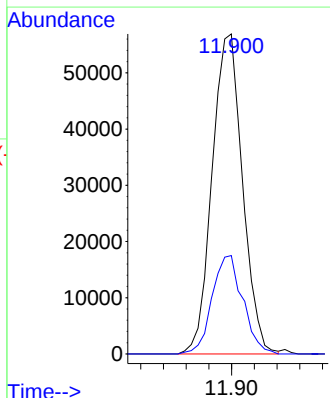
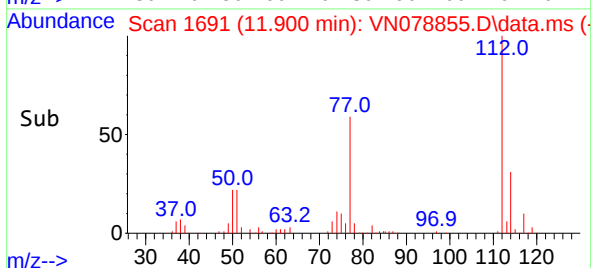
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

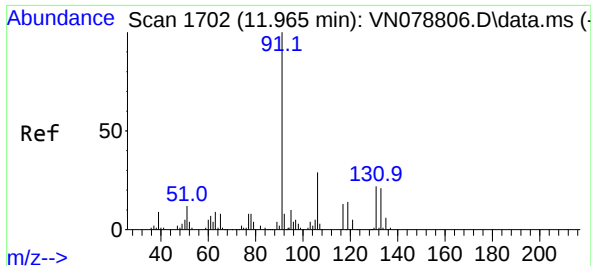


#64
Chlorobenzene
Concen: 21.154 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



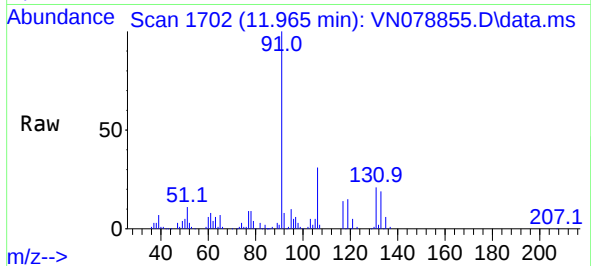
Tgt Ion:112 Resp: 105726
Ion Ratio Lower Upper
112 100
114 30.8 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.961 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

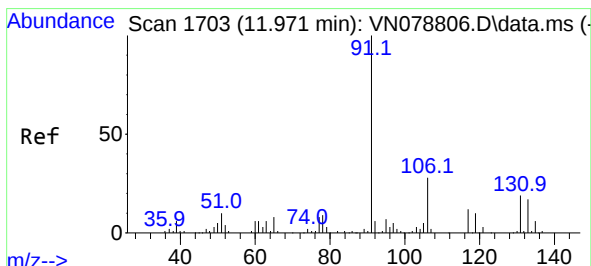
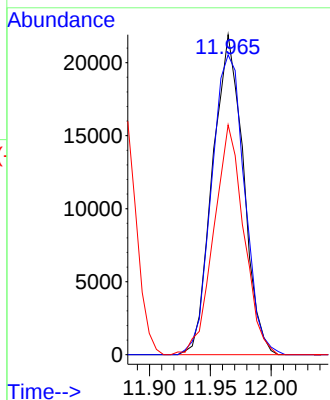
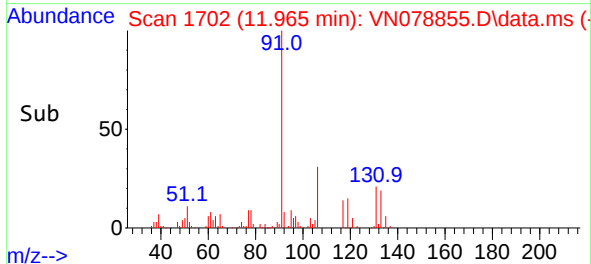
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



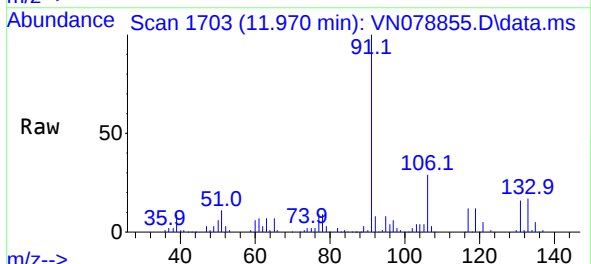
Tgt Ion:131 Resp: 38430
Ion Ratio Lower Upper
131 100
133 100.3 0.0 191.8
119 70.3 0.0 132.0

Manual Integrations
APPROVED

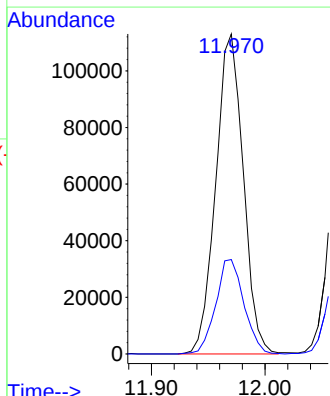
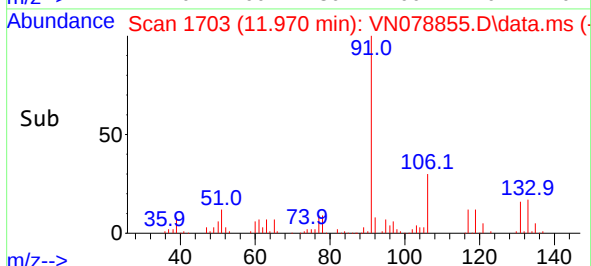
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

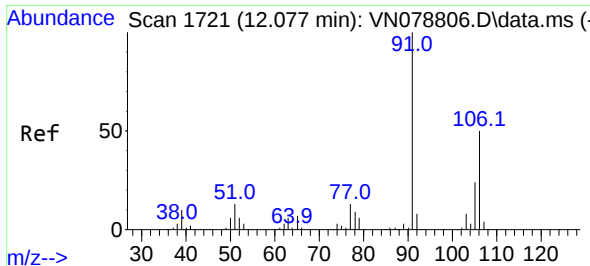


#66
Ethyl Benzene
Concen: 21.443 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



Tgt Ion: 91 Resp: 190121
Ion Ratio Lower Upper
91 100
106 29.5 25.6 38.4





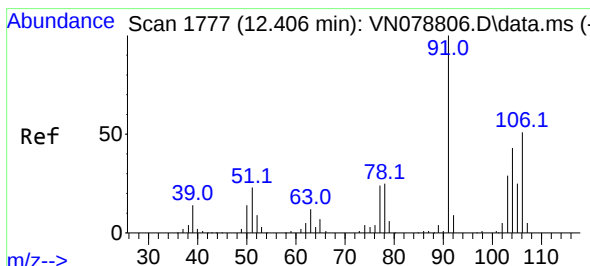
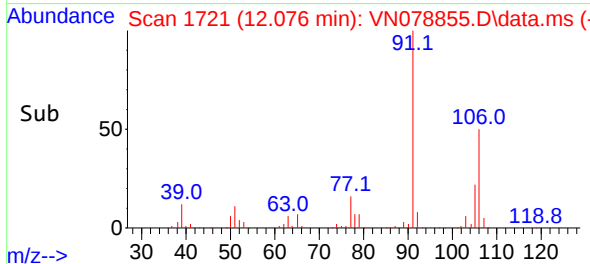
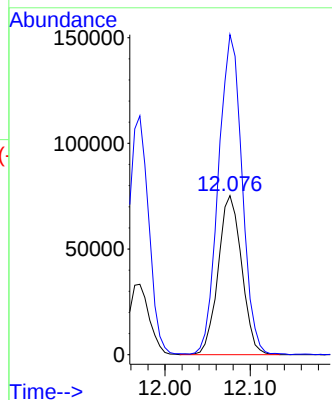
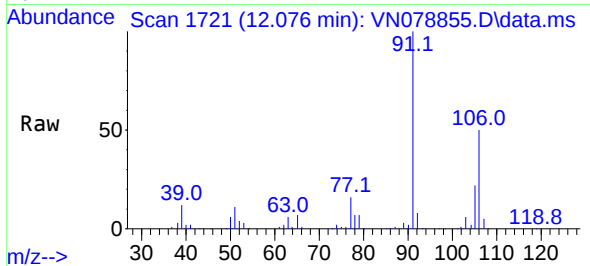
#67
m/p-Xylenes
Concen: 44.422 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

Tgt Ion:106 Resp: 14441
Ion Ratio Lower Upper
106 100
91 202.7 162.5 243.7

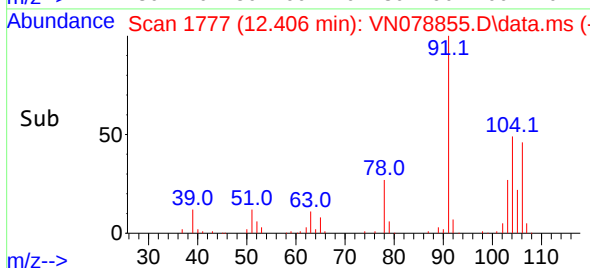
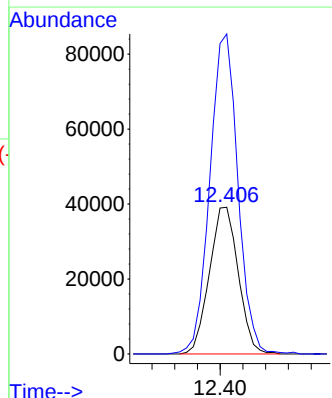
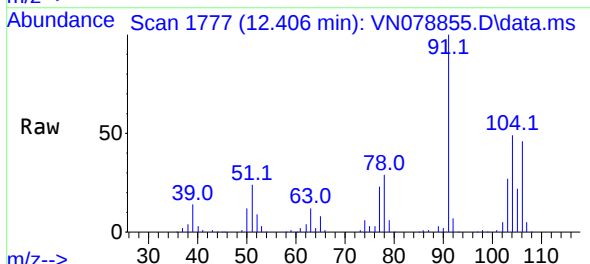
Manual Integrations
APPROVED

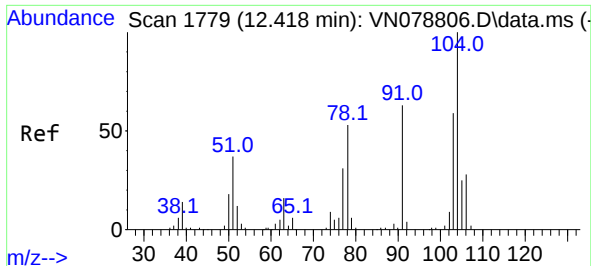
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#68
o-Xylene
Concen: 21.386 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Tgt Ion:106 Resp: 69205
Ion Ratio Lower Upper
106 100
91 211.5 106.1 318.3





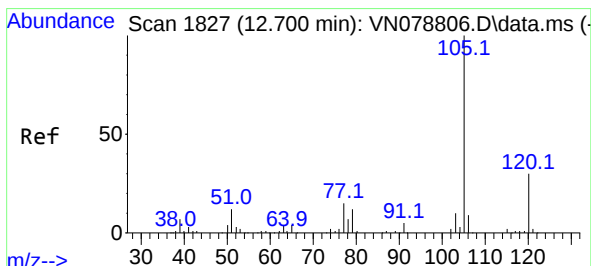
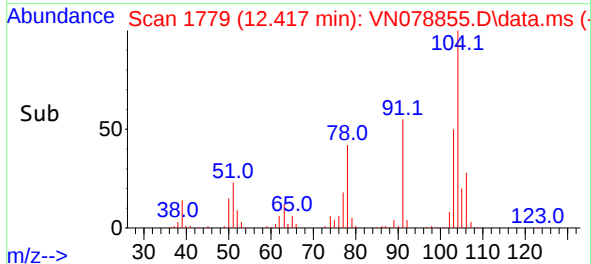
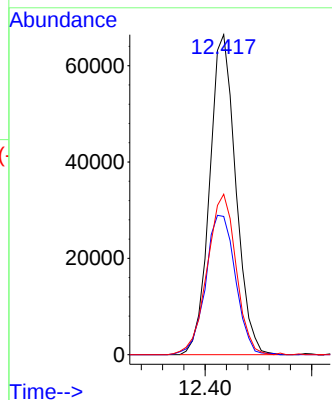
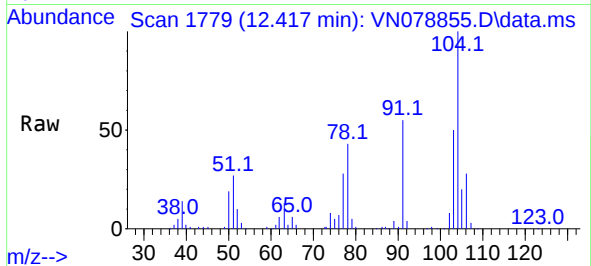
#69
Styrene
Concen: 22.895 ug/l
RT: 12.417 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

Tgt Ion:104 Resp: 113208
Ion Ratio Lower Upper
104 100
78 49.8 40.1 60.1
103 55.2 45.1 67.7

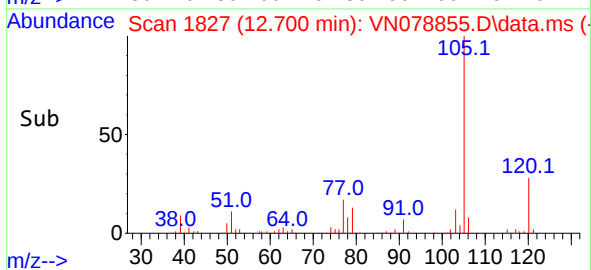
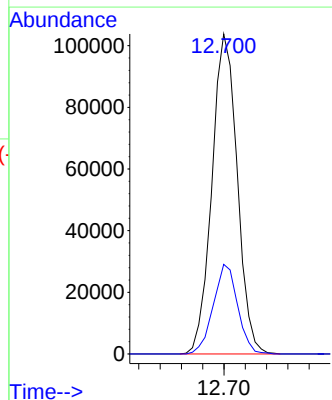
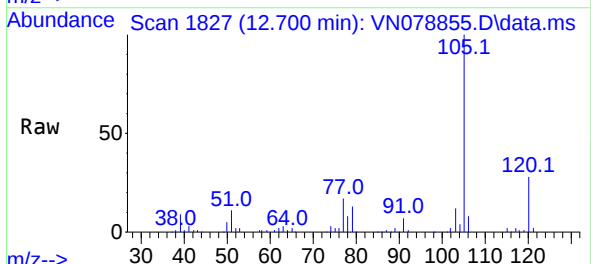
Manual Integrations
APPROVED

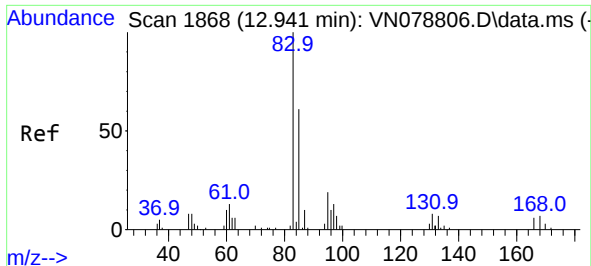
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#70
Isopropylbenzene
Concen: 21.404 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

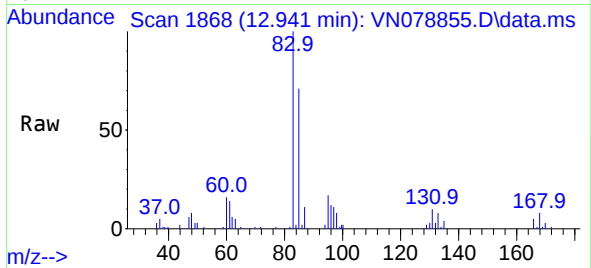
Tgt Ion:105 Resp: 171084
Ion Ratio Lower Upper
105 100
120 27.0 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.139 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

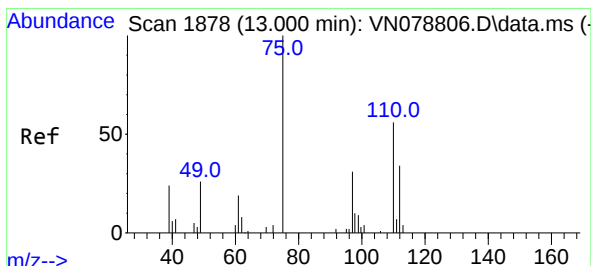
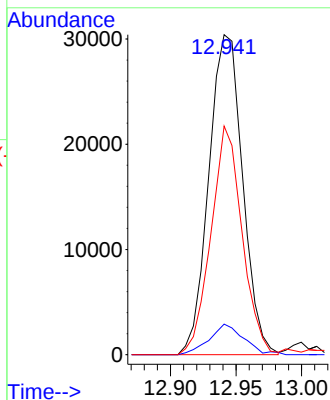
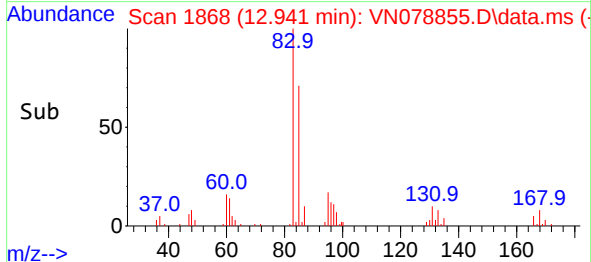
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 83 Resp: 54540
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.8 32.6 98.0

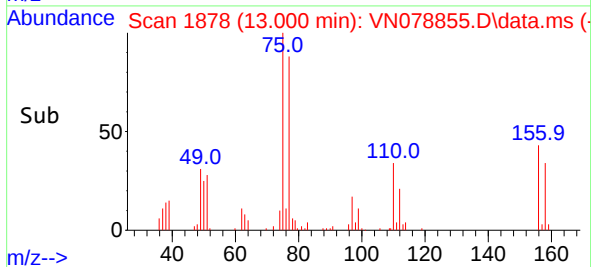
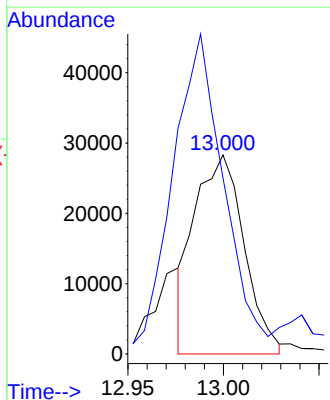
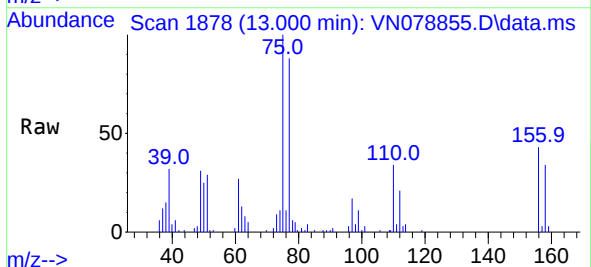
Manual Integrations
APPROVED

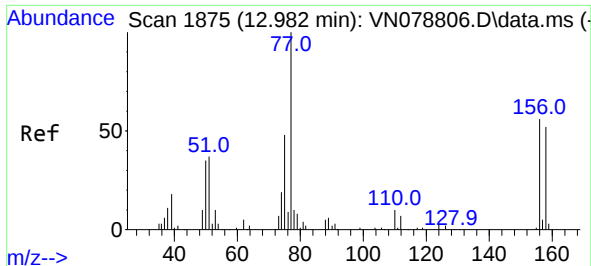
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#72
1,2,3-Trichloropropane
Concen: 21.566 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

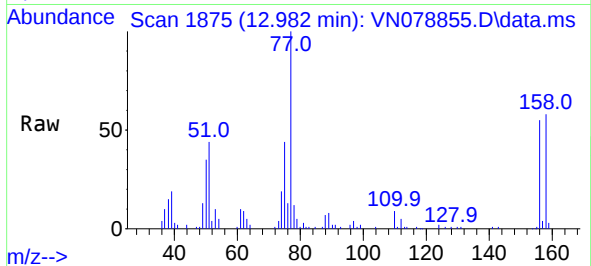
Tgt Ion: 75 Resp: 50987
Ion Ratio Lower Upper
75 100
77 167.3 0.0 387.4





#73
Bromobenzene
Concen: 19.935 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

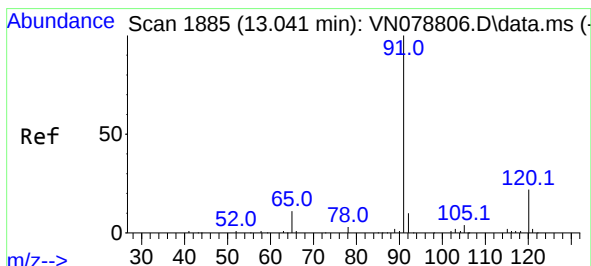
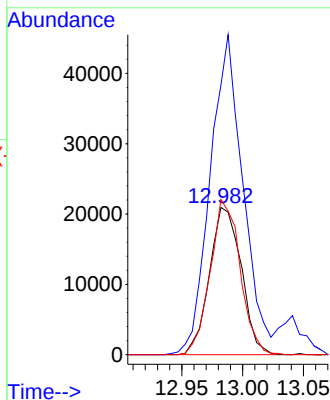
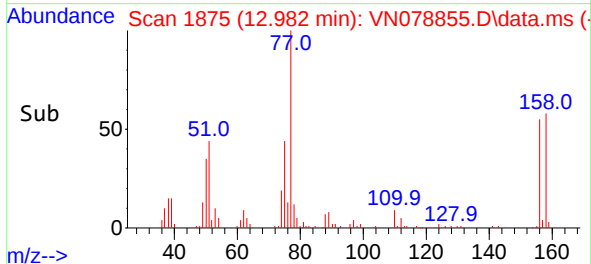
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



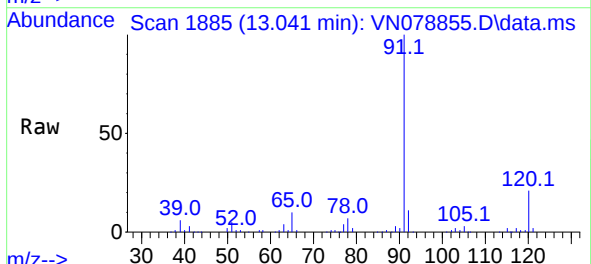
Tgt Ion:156 Resp: 3808
Ion Ratio Lower Upper
156 100
77 224.0 0.0 420.8
158 99.3 0.0 193.2

Manual Integrations
APPROVED

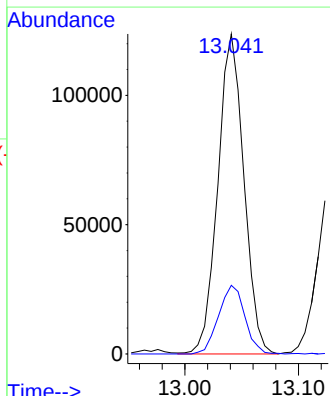
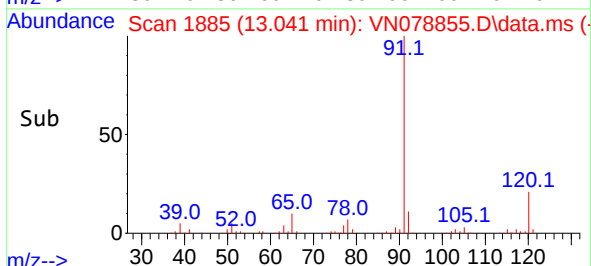
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

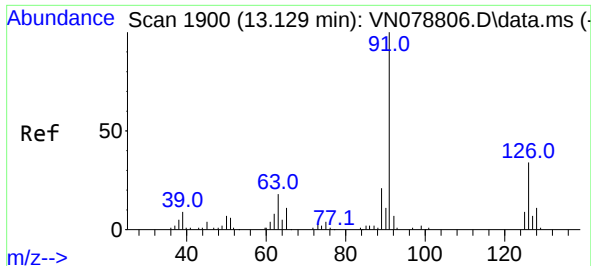


#74
n-propylbenzene
Concen: 22.266 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



Tgt Ion: 91 Resp: 196941
Ion Ratio Lower Upper
91 100
120 21.6 0.0 44.6





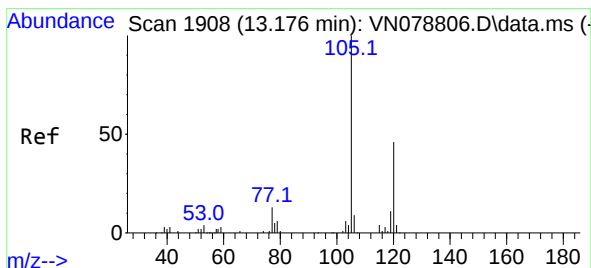
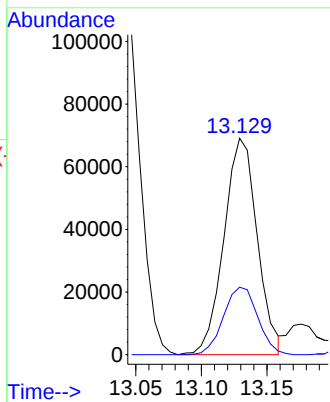
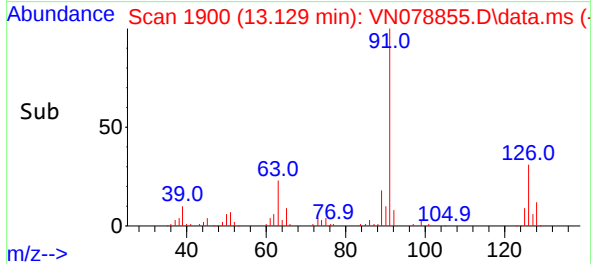
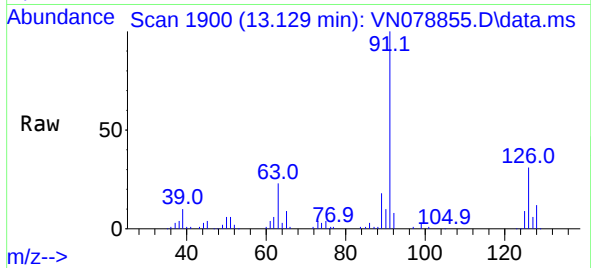
#75
2-Chlorotoluene
Concen: 22.207 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

Tgt Ion: 91 Resp: 122358
Ion Ratio Lower Upper
91 100
126 32.0 0.0 67.2

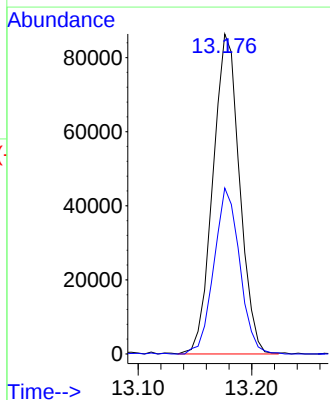
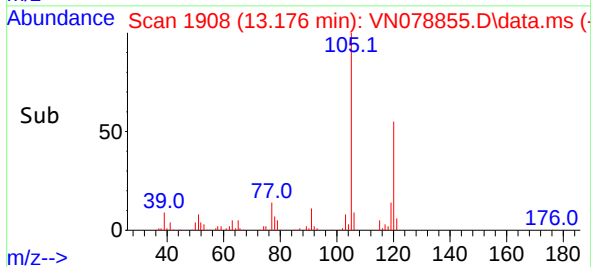
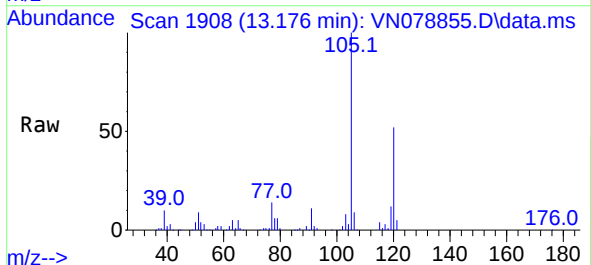
Manual Integrations
APPROVED

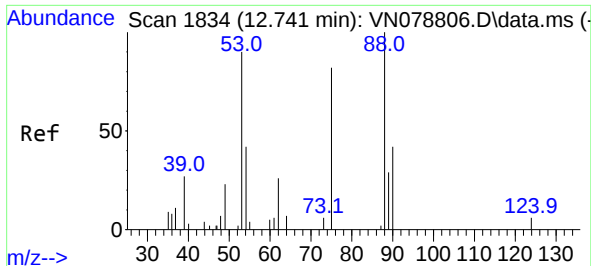
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#76
1,3,5-Trimethylbenzene
Concen: 22.182 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

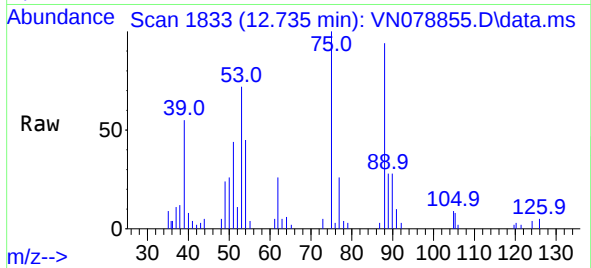
Tgt Ion:105 Resp: 140817
Ion Ratio Lower Upper
105 100
120 50.1 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 21.413 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

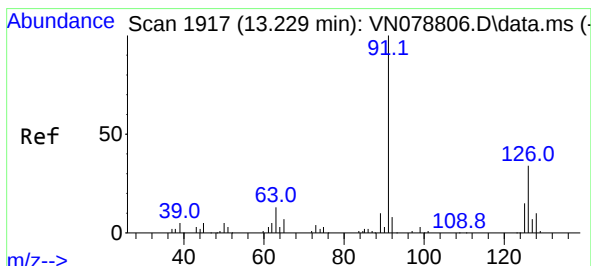
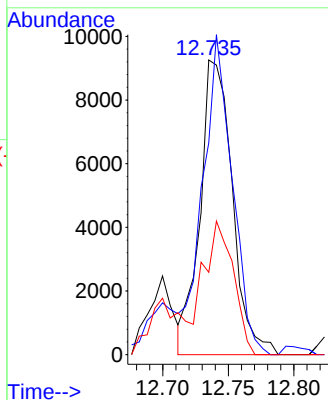
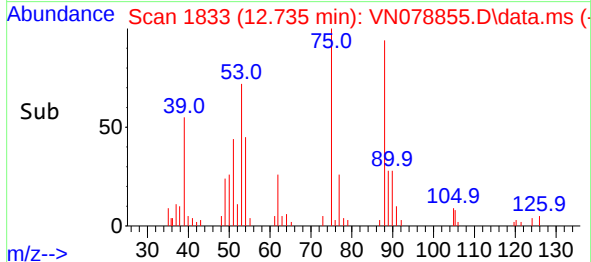
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 75 Resp: 1589
Ion Ratio Lower Upper
75 100
53 71.9 41.6 124.9
89 28.0 25.1 75.4

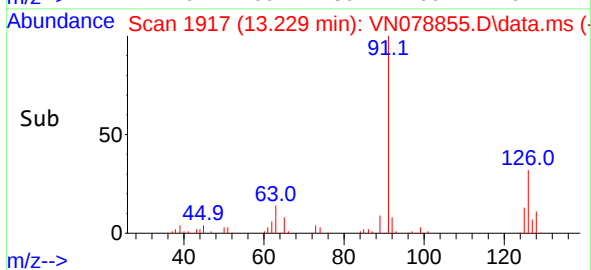
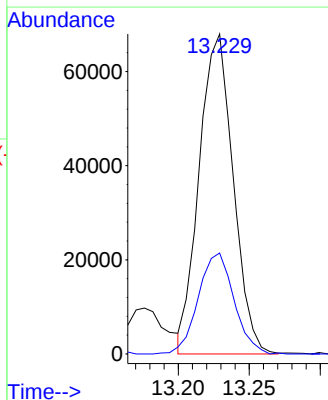
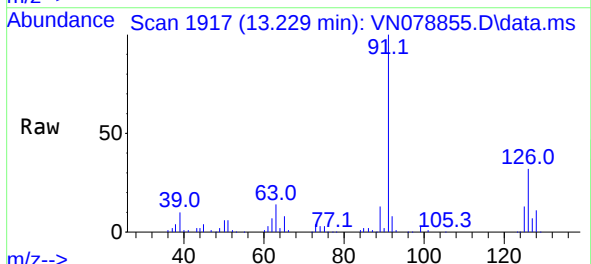
Manual Integrations
APPROVED

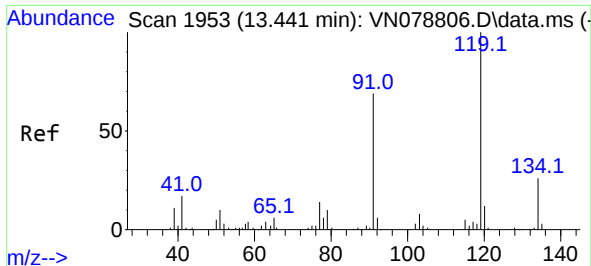
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#78
4-Chlorotoluene
Concen: 22.162 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

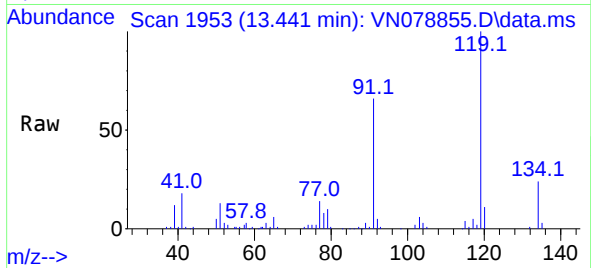
Tgt Ion: 91 Resp: 113283
Ion Ratio Lower Upper
91 100
126 33.1 0.0 68.8





#79
tert-butylbenzene
Concen: 22.463 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

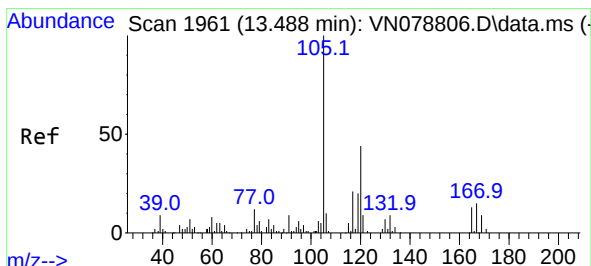
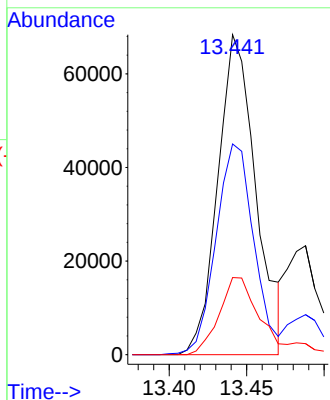
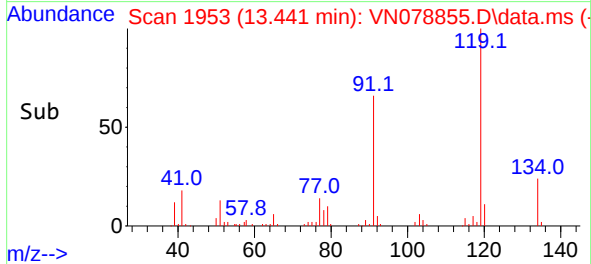
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



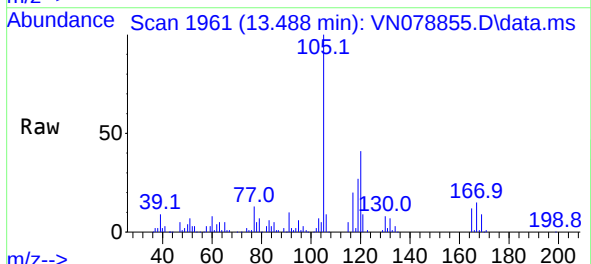
Tgt Ion:119 Resp: 117000
Ion Ratio Lower Upper
119 100
91 65.4 0.0 126.6
134 25.1 0.0 44.0

Manual Integrations
APPROVED

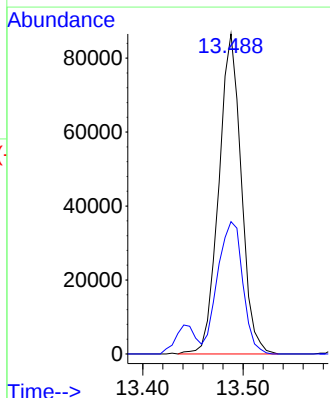
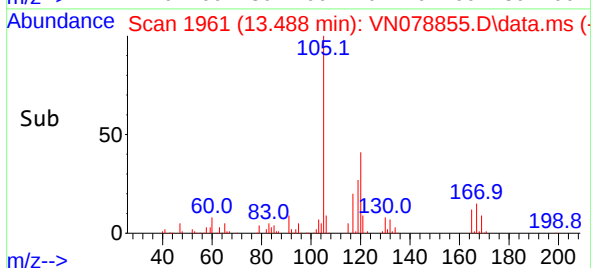
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

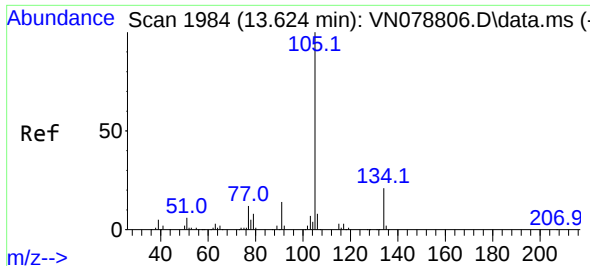


#80
1,2,4-Trimethylbenzene
Concen: 22.488 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



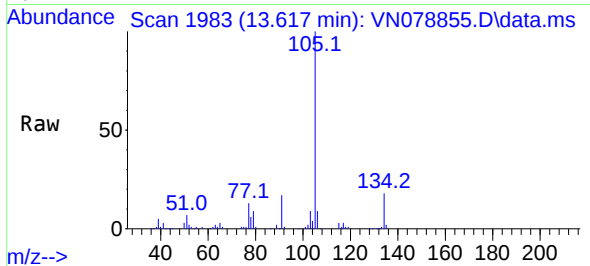
Tgt Ion:105 Resp: 134716
Ion Ratio Lower Upper
105 100
120 46.3 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 21.820 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078855.D
 Acq: 11 Aug 2023 10:33

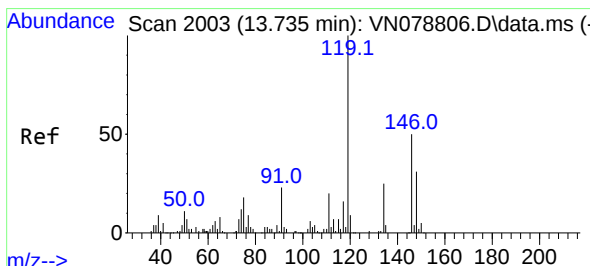
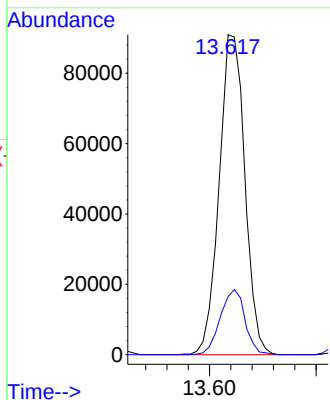
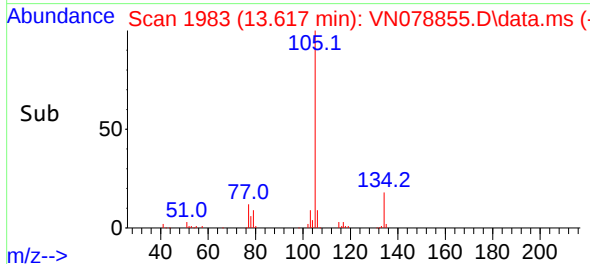
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01



Tgt Ion:105 Resp: 152160
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.6

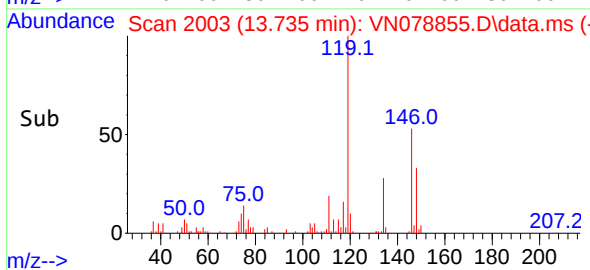
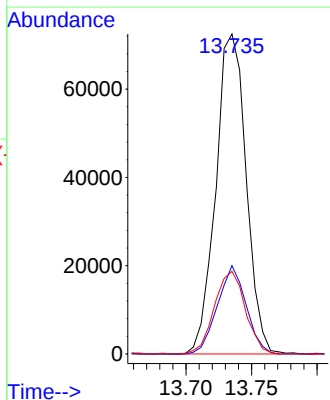
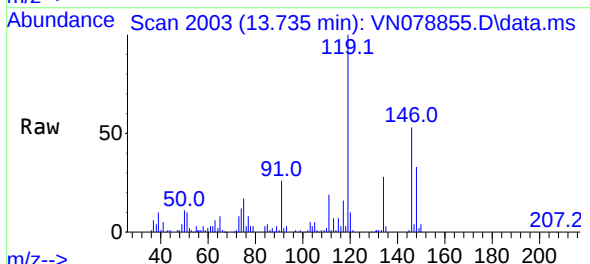
Manual Integrations
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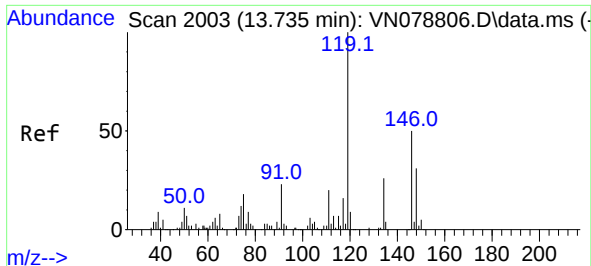
Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023



#82
 p-Isopropyltoluene
 Concen: 21.370 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078855.D
 Acq: 11 Aug 2023 10:33

Tgt Ion:119 Resp: 116725
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.4
 91 26.3 0.0 48.2





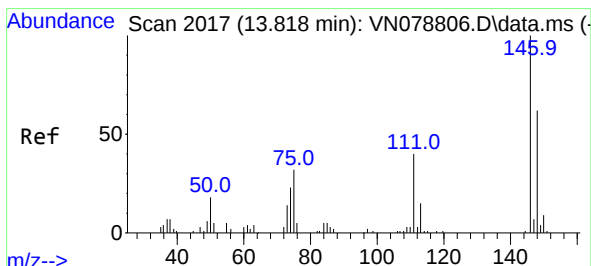
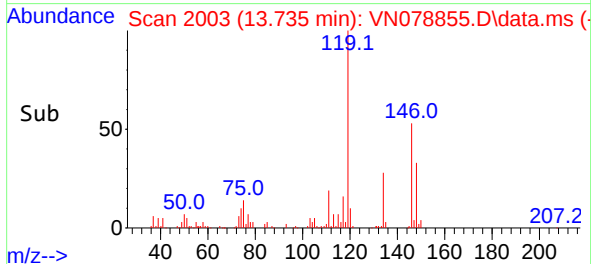
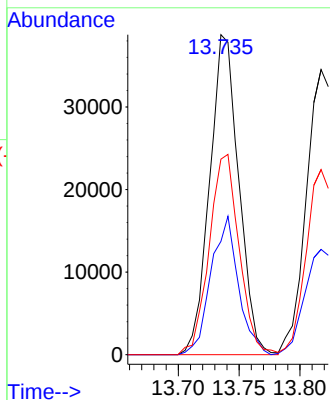
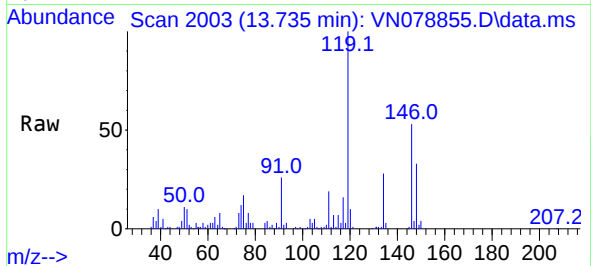
#83
1,3-Dichlorobenzene
Concen: 21.882 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

Tgt Ion:146 Resp: 6460
Ion Ratio Lower Upper
146 100
111 40.8 21.6 64.6
148 64.3 31.9 95.5

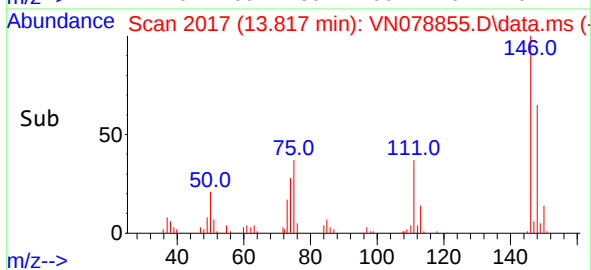
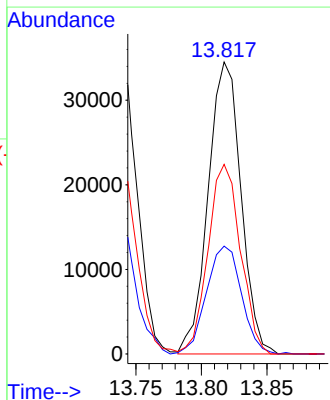
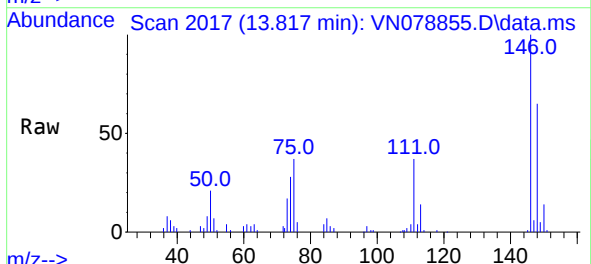
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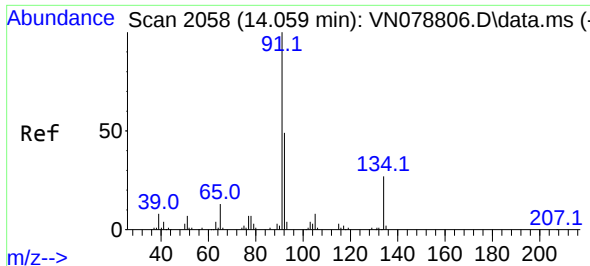
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#84
1,4-Dichlorobenzene
Concen: 21.338 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Tgt Ion:146 Resp: 60159
Ion Ratio Lower Upper
146 100
111 39.4 19.4 58.2
148 64.2 31.4 94.3





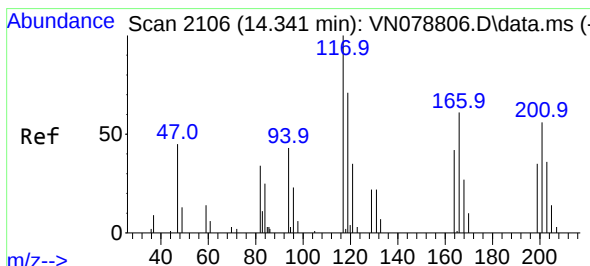
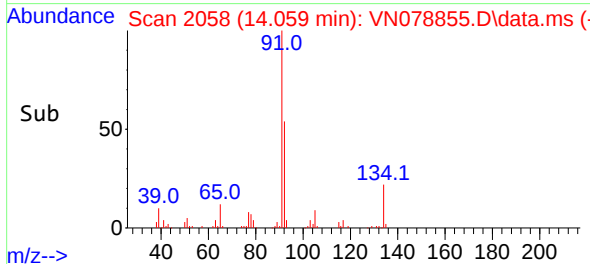
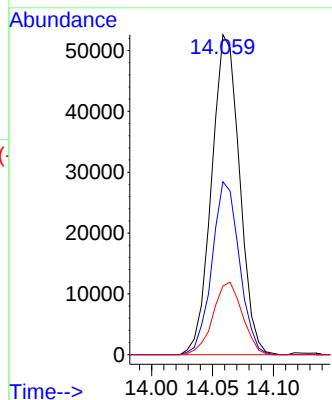
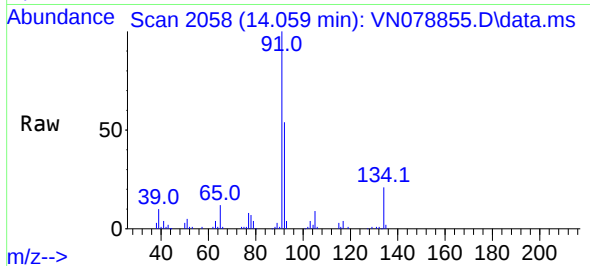
#85
n-Butylbenzene
Concen: 20.911 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

Tgt Ion: 91 Resp: 84052
Ion Ratio Lower Upper
91 100
92 52.9 0.0 99.6
134 23.8 0.0 50.0

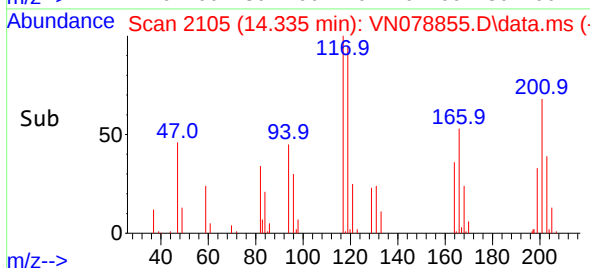
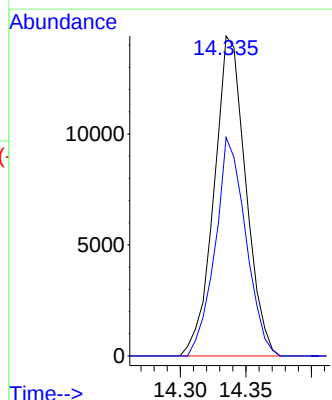
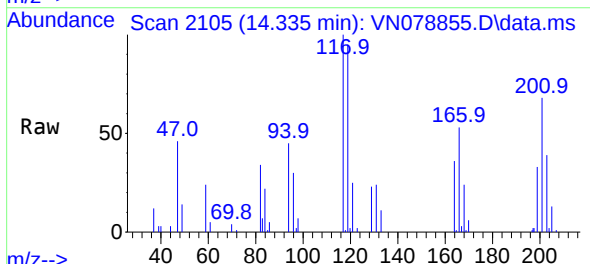
Manual Integrations
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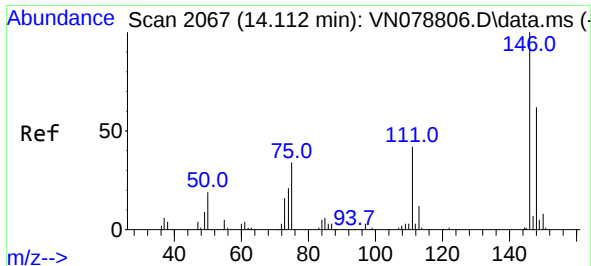
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#86
Hexachloroethane
Concen: 20.996 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Tgt Ion:117 Resp: 24157
Ion Ratio Lower Upper
117 100
201 65.9 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 21.838 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078855.D

Acq: 11 Aug 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

Tgt Ion:146 Resp: 63430

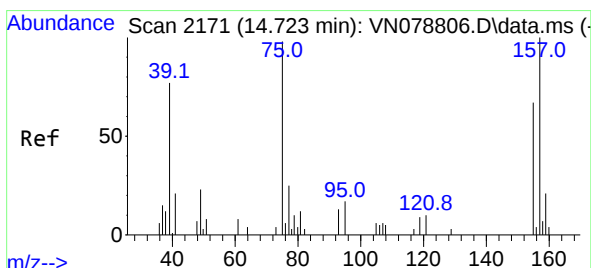
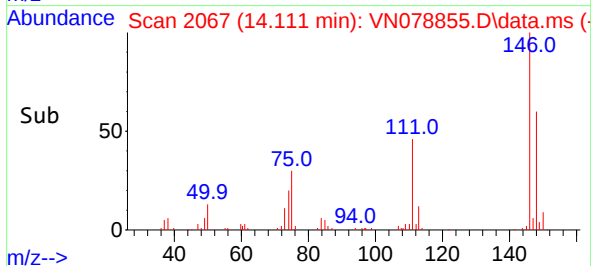
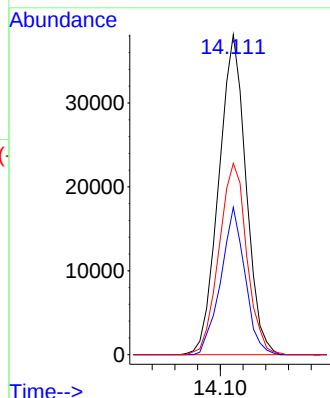
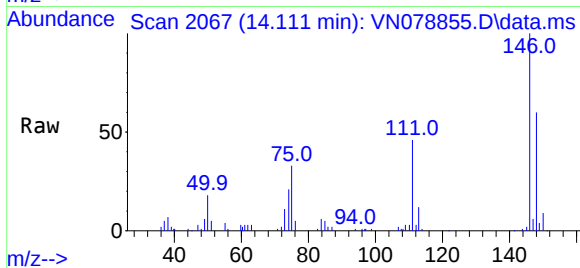
Ion	Ratio	Lower	Upper
146	100		
111	41.0	22.4	67.3
148	61.1	33.4	100.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.543 ug/l

RT: 14.723 min Scan# 2171

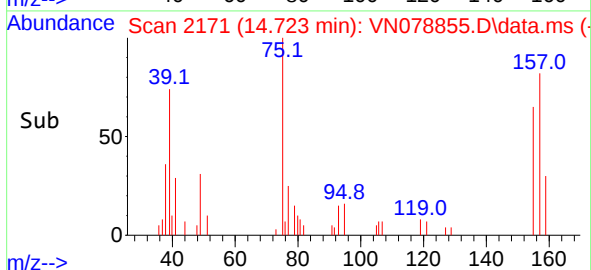
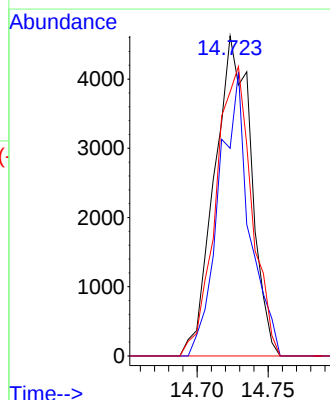
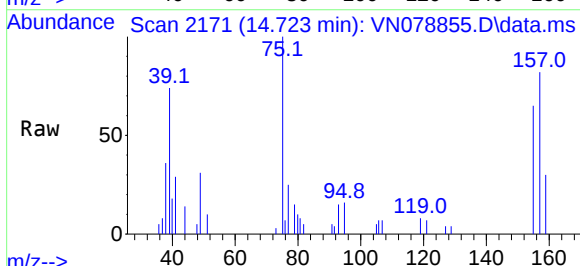
Delta R.T. -0.000 min

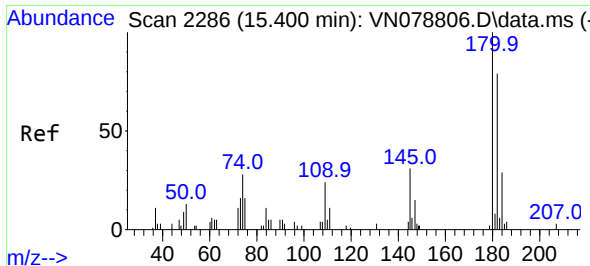
Lab File: VN078855.D

Acq: 11 Aug 2023 10:33

Tgt Ion: 75 Resp: 8288

Ion	Ratio	Lower	Upper
75	100		
155	74.2	68.2	102.2
157	88.8	84.7	127.1





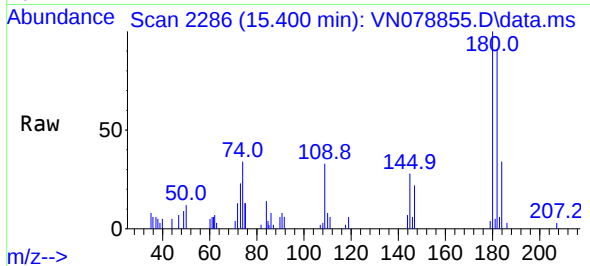
#89
1,2,4-Trichlorobenzene
Concen: 18.299 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

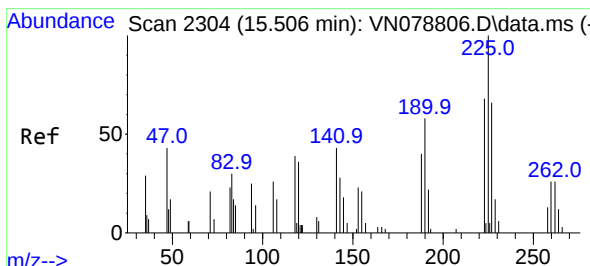
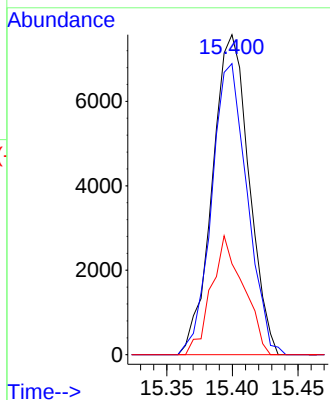
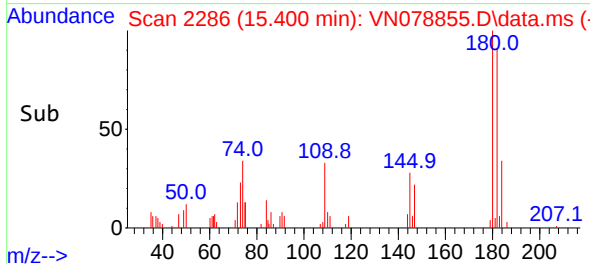


Tgt Ion:180 Resp: 1471
Ion Ratio Lower Upper
180 100
182 88.2 73.7 110.5
145 32.7 25.0 37.6

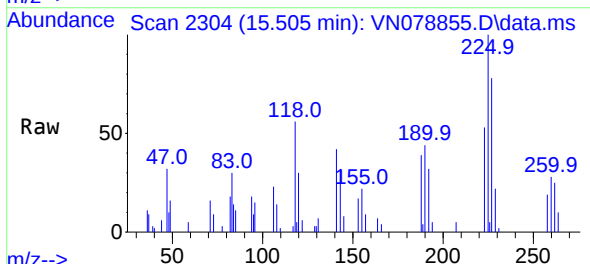
Manual Integrations

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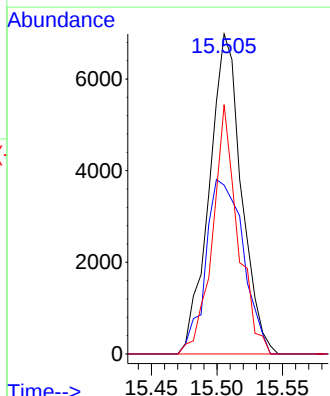
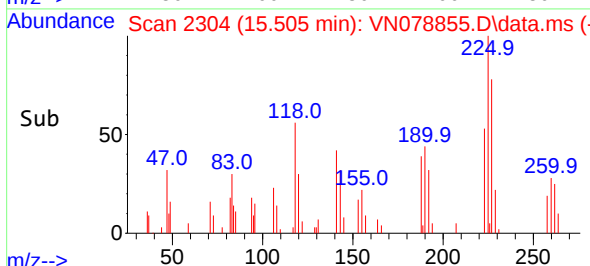
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

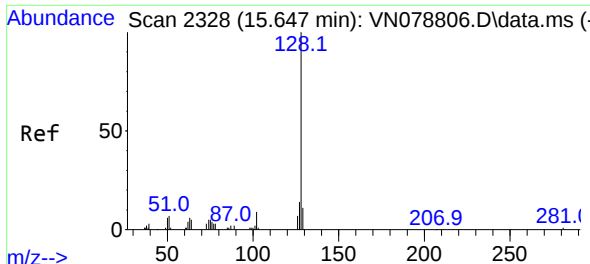


#90
Hexachlorobutadiene
Concen: 20.146 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



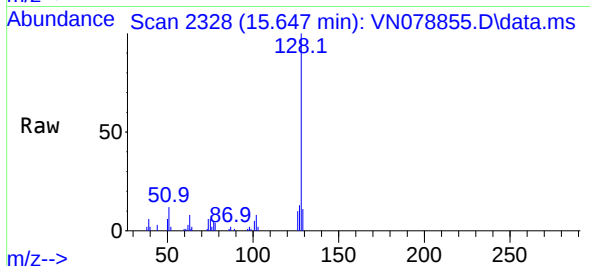
Tgt Ion:225 Resp: 11924
Ion Ratio Lower Upper
225 100
223 63.6 0.0 130.0
227 61.2 0.0 124.0





#91
Naphthalene
Concen: 15.670 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33

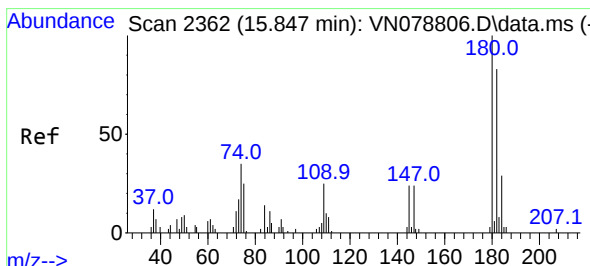
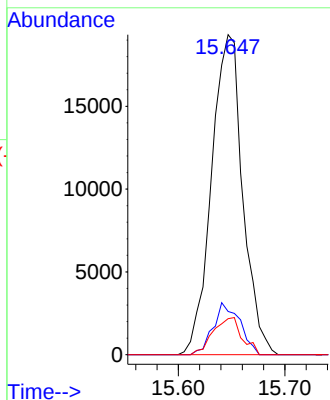
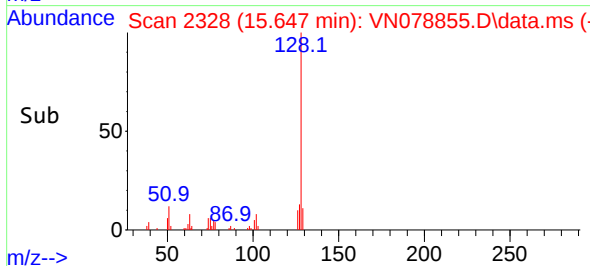
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



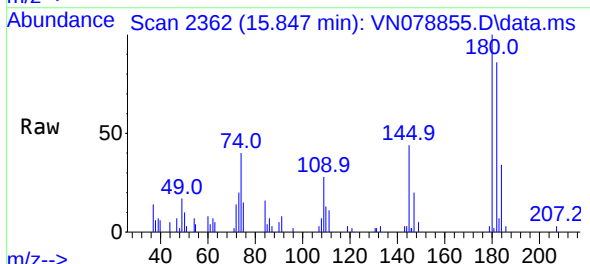
Tgt Ion:128 Resp: 39394
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.2
129 10.7 9.0 13.4

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 17.328 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078855.D
Acq: 11 Aug 2023 10:33



Tgt Ion:180 Resp: 16339
Ion Ratio Lower Upper
180 100
182 90.5 0.0 196.4
145 30.7 0.0 71.0

