

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078190.D
 Acq On : 13 Jun 2023 17:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2023
 Supervised By : Mahesh Dadoda 06/14/2023

Quant Time: Jun 14 02:22:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	469864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	830046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	744134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	299703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	345203	55.103	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.200%			
35) Dibromofluoromethane	8.177	113	293701	55.961	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.920%			
50) Toluene-d8	10.571	98	1108994	54.812	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.620%			
62) 4-Bromofluorobenzene	12.853	95	360040	57.242	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	246225	46.359	ug/l	93
3) Chloromethane	2.371	50	254817	51.034	ug/l	98
4) Vinyl Chloride	2.518	62	346688	49.848	ug/l	95
5) Bromomethane	2.948	94	250165	47.595	ug/l	98
6) Chloroethane	3.118	64	237008	49.990	ug/l	99
7) Trichlorofluoromethane	3.501	101	464762	49.278	ug/l	97
8) Diethyl Ether	3.971	74	165860	50.050	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	250342	50.295	ug/l	96
10) Methyl Iodide	4.601	142	363722	51.672	ug/l	97
11) Tert butyl alcohol	5.530	59	236296	273.165	ug/l	100
12) 1,1-Dichloroethene	4.348	96	247482	48.233	ug/l	94
13) Acrolein	4.189	56	245898	257.924	ug/l	97
14) Allyl chloride	5.030	41	360309	57.527	ug/l	95
15) Acrylonitrile	5.730	53	614008	275.318	ug/l	100
16) Acetone	4.442	43	479618	265.979	ug/l	90
17) Carbon Disulfide	4.718	76	632093	47.862	ug/l	97
18) Methyl Acetate	5.036	43	439237	52.908	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	868816	53.072	ug/l	97
20) Methylene Chloride	5.283	84	286759	48.124	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	273149	49.358	ug/l	90
22) Diisopropyl ether	6.683	45	816049	55.390	ug/l #	92
23) Vinyl Acetate	6.612	43	2425032	276.900	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	510623	52.539	ug/l	98
25) 2-Butanone	7.489	43	780210	281.363	ug/l	90
26) 2,2-Dichloropropane	7.500	77	441766	61.560	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	329233	49.876	ug/l	93
28) Bromochloromethane	7.818	49	251501	56.361	ug/l	93
29) Tetrahydrofuran	7.841	42	517002	278.897	ug/l	85
30) Chloroform	7.971	83	565182	54.004	ug/l	96
31) Cyclohexane	8.259	56	396330	49.318	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	495970	53.980	ug/l	98
36) 1,1-Dichloropropene	8.383	75	404220	53.695	ug/l	98
37) Ethyl Acetate	7.571	43	335565	57.060	ug/l	95
38) Carbon Tetrachloride	8.371	117	437726	55.068	ug/l	99
39) Methylcyclohexane	9.606	83	374214	47.967	ug/l	96
40) Benzene	8.612	78	1199254	53.361	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	176108	55.247	ug/l	91
42) 1,2-Dichloroethane	8.677	62	420760	54.603	ug/l	97
43) Isopropyl Acetate	8.694	43	576491	51.258	ug/l	95
44) Trichloroethene	9.359	130	308083	51.908	ug/l	98
45) 1,2-Dichloropropane	9.630	63	306398	54.796	ug/l	93
46) Dibromomethane	9.712	93	214703	52.130	ug/l	93
47) Bromodichloromethane	9.894	83	440624	57.595	ug/l	97
48) Methyl methacrylate	9.688	41	269688	57.139	ug/l	90
49) 1,4-Dioxane	9.700	88	111759	1126.593	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	1735653	293.060	ug/l	93
52) Toluene	10.635	92	765398	53.940	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	469611	58.941	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	502697	57.076	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	303548	56.550	ug/l	97
56) Ethyl methacrylate	10.882	69	455861	58.324	ug/l	91
57) 1,3-Dichloropropane	11.171	76	509582	56.241	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	942969	298.654	ug/l	92
59) 2-Hexanone	11.200	43	1231774	298.699	ug/l	92
60) Dibromochloromethane	11.365	129	338660	57.656	ug/l	100
61) 1,2-Dibromoethane	11.477	107	310175	55.063	ug/l	99
64) Tetrachloroethene	11.112	164	254881	51.342	ug/l	99
65) Chlorobenzene	11.900	112	823027	51.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	311644	53.170	ug/l	99
67) Ethyl Benzene	11.971	91	1467700	53.376	ug/l	99
68) m/p-Xylenes	12.076	106	1102718	105.228	ug/l	97
69) o-Xylene	12.406	106	544570	52.918	ug/l	97
70) Styrene	12.418	104	885023	54.628	ug/l	98
71) Bromoform	12.582	173	216992	57.367	ug/l #	100
73) Isopropylbenzene	12.700	105	1337625	47.198	ug/l	99
74) N-amyl acetate	12.500	43	473212	50.704	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	422930	54.476	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	346906m	48.963	ug/l	
77) Bromobenzene	12.988	156	319540	48.570	ug/l	98
78) n-propylbenzene	13.041	91	1510955	49.070	ug/l	100
79) 2-Chlorotoluene	13.129	91	949451	47.769	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	1080666	47.097	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	135086m	58.578	ug/l	
82) 4-Chlorotoluene	13.229	91	915828	49.370	ug/l	99
83) tert-Butylbenzene	13.447	119	900898	45.168	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1073741	48.267	ug/l	99
85) sec-Butylbenzene	13.623	105	1155932	44.279	ug/l	99
86) p-Isopropyltoluene	13.735	119	960032	45.317	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	543908	48.876	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	527035	49.080	ug/l	100
89) n-Butylbenzene	14.065	91	749902	44.878	ug/l	99
90) Hexachloroethane	14.341	117	177102	47.107	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	535811	49.265	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	70694	50.360	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	193585	49.956	ug/l	98
94) Hexachlorobutadiene	15.512	225	87956	46.096	ug/l	99
95) Naphthalene	15.647	128	650352	49.893	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	201285	46.443	ug/l	97

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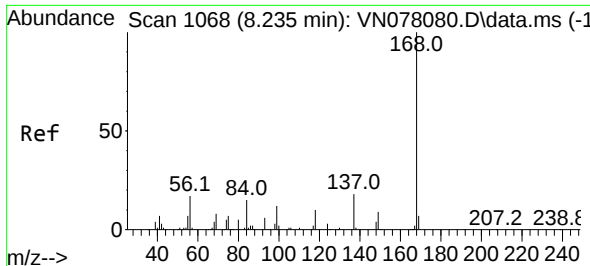
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/14/2023

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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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



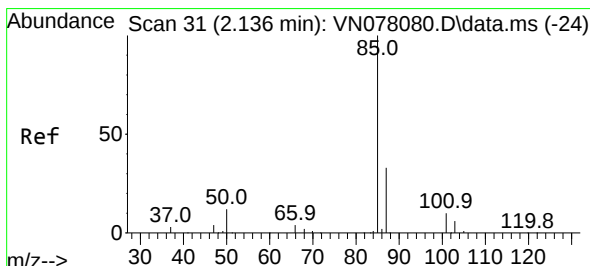
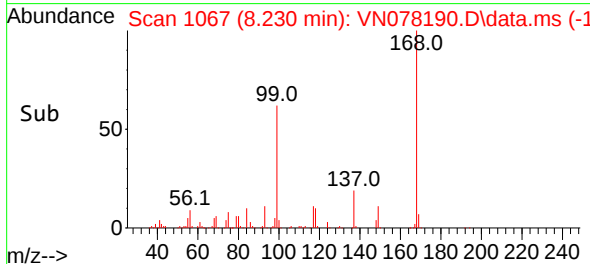
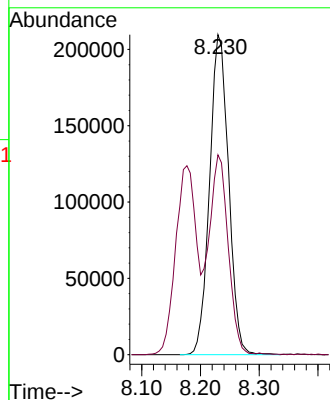
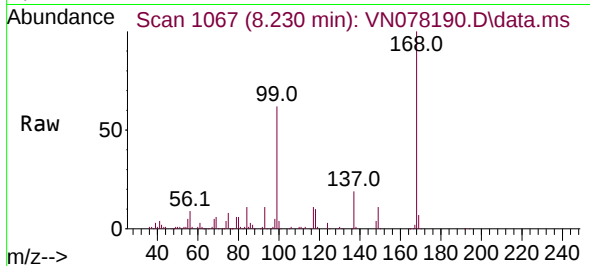
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 469864
Ion Ratio Lower Upper
168 100
99 62.4 53.0 79.6

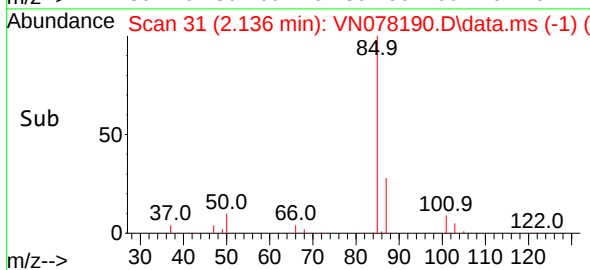
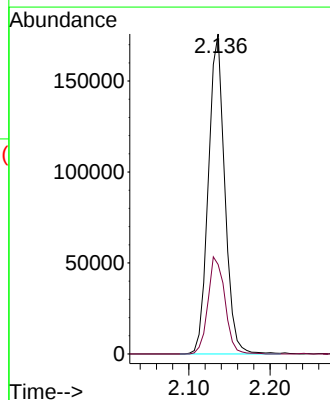
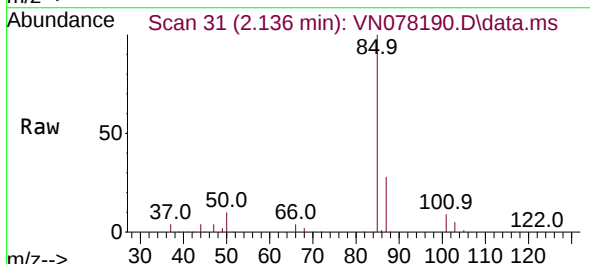
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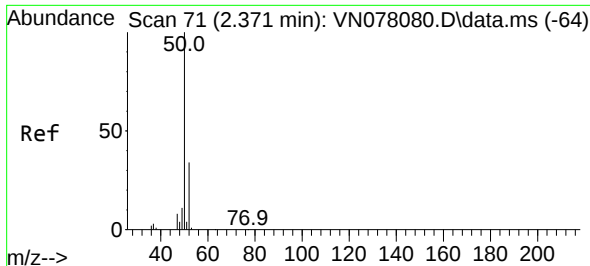
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#2
Dichlorodifluoromethane
Concen: 46.359 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 85 Resp: 246225
Ion Ratio Lower Upper
85 100
87 28.0 15.8 47.4





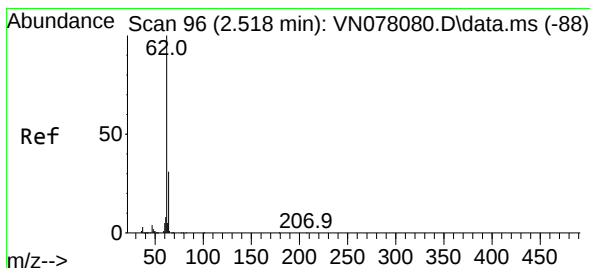
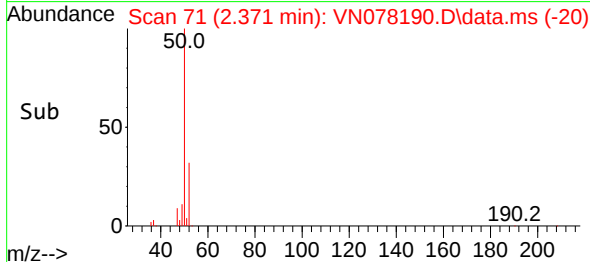
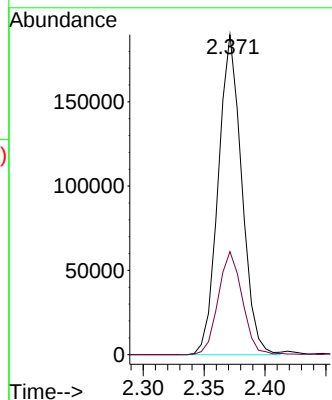
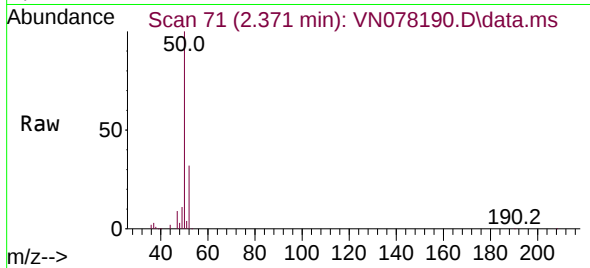
#3
Chloromethane
Concen: 51.034 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Instrument :
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Tgt Ion: 50 Resp: 25481
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7

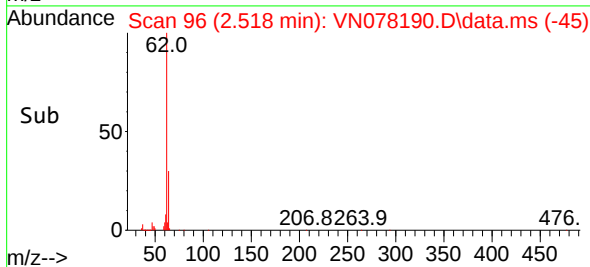
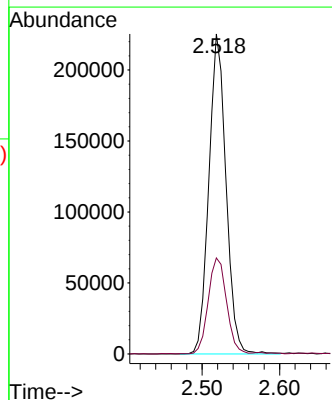
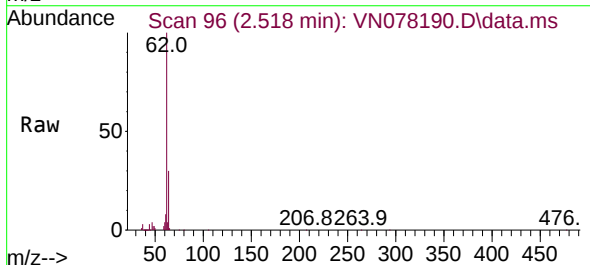
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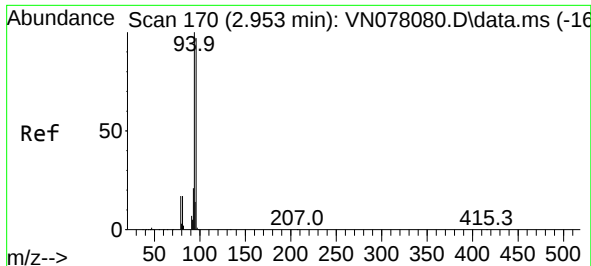
Reviewed By :John Carlone 06/14/2023
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#4
Vinyl Chloride
Concen: 49.848 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

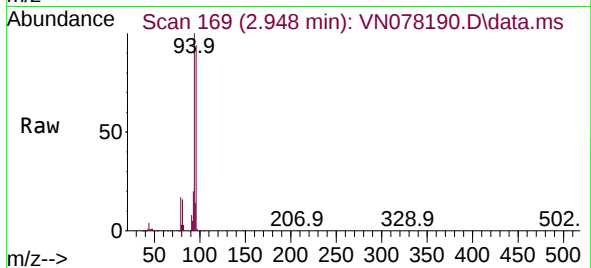
Tgt Ion: 62 Resp: 346688
Ion Ratio Lower Upper
62 100
64 29.9 26.2 39.2





#5
Bromomethane
Concen: 47.595 ug/l
RT: 2.948 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

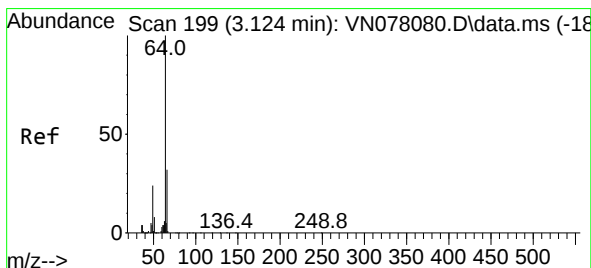
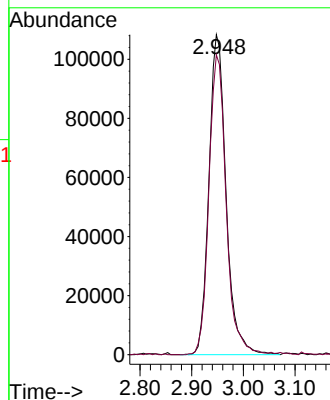
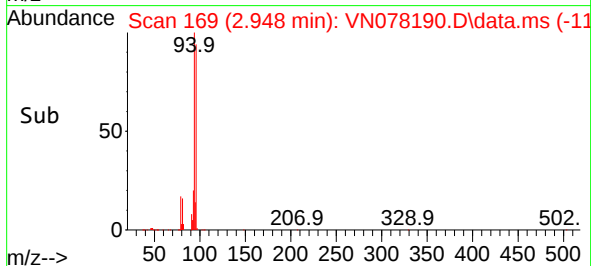
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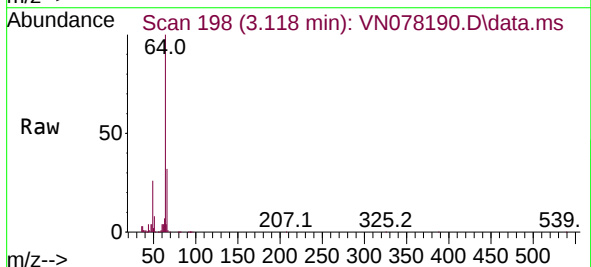
Tgt Ion: 94 Resp: 250168
Ion Ratio Lower Upper
94 100
96 93.7 73.1 109.7

Manual Integrations
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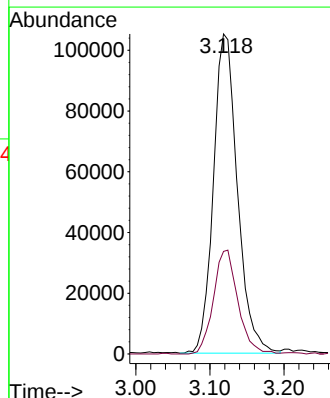
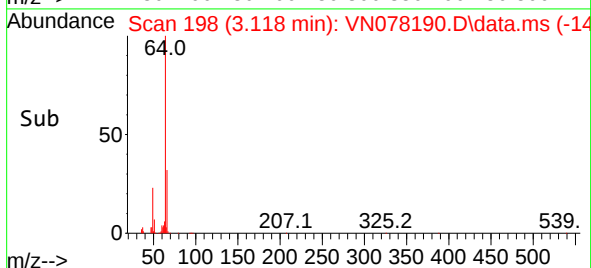
Reviewed By :John Carlone 06/14/2023
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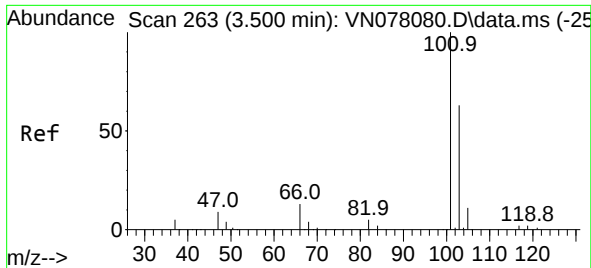


#6
Chloroethane
Concen: 49.990 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



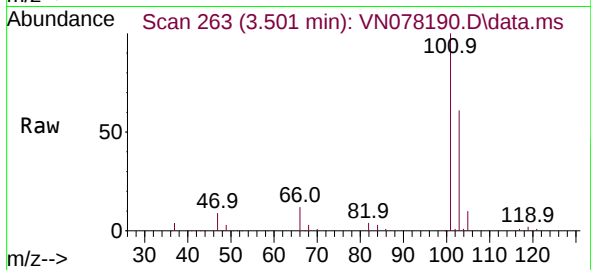
Tgt Ion: 64 Resp: 237008
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 49.278 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

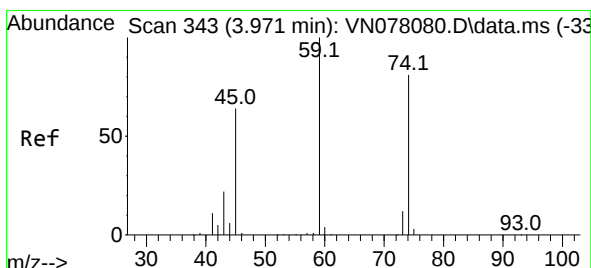
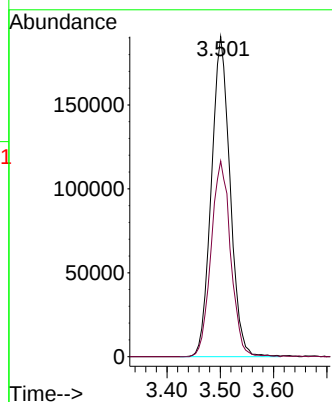
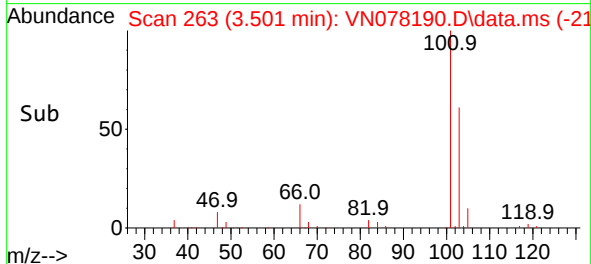
Instrument :
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 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 464762
 Ion Ratio Lower Upper
 101 100
 103 61.2 50.7 76.1

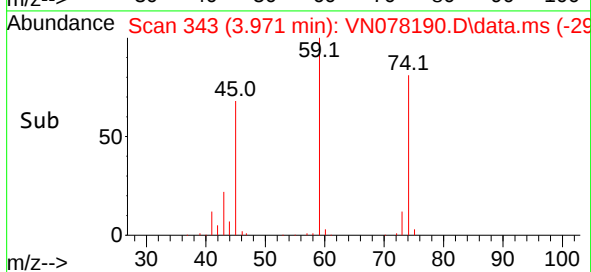
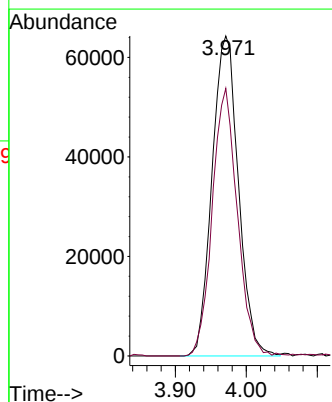
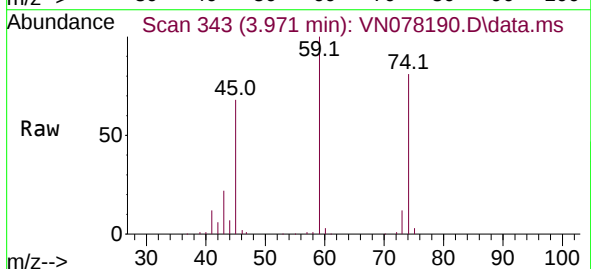
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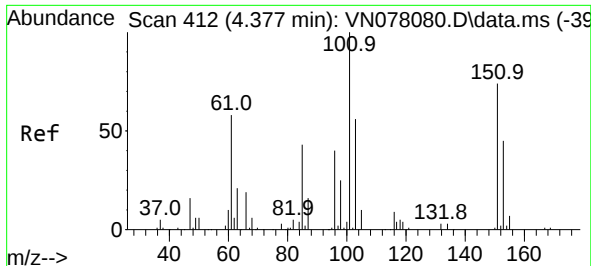
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023



#8
 Diethyl Ether
 Concen: 50.050 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

Tgt Ion: 74 Resp: 165860
 Ion Ratio Lower Upper
 74 100
 45 79.6 34.4 103.3





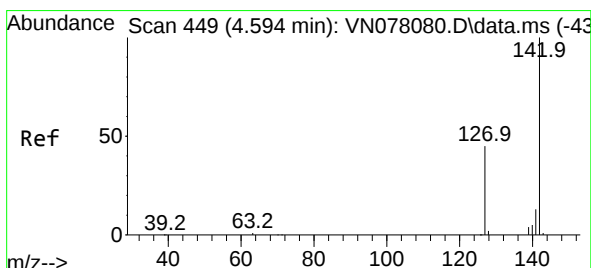
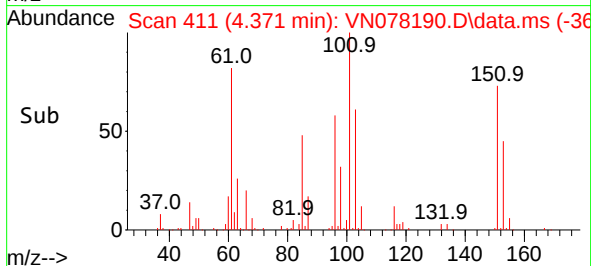
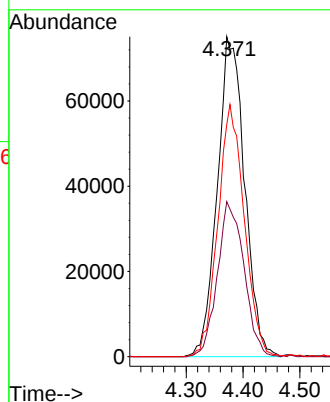
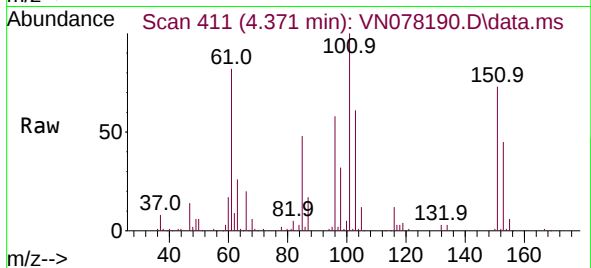
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.295 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 25034
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 76.1 57.6 86.4

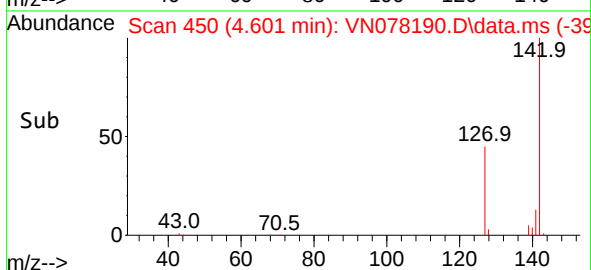
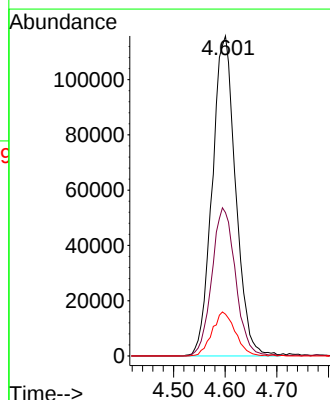
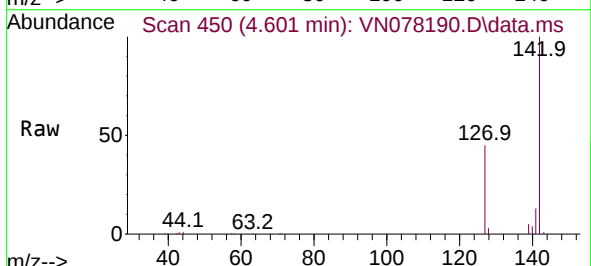
Manual Integrations
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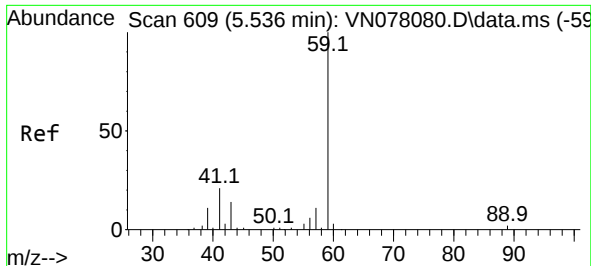
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#10
Methyl Iodide
Concen: 51.672 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion:142 Resp: 363722
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 13.1 11.4 17.0





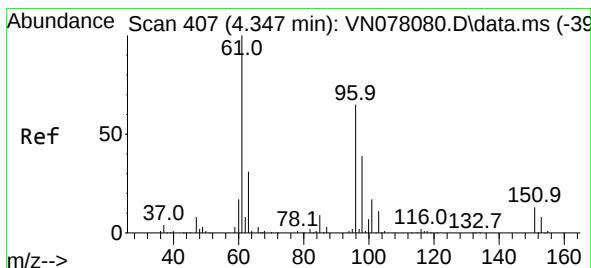
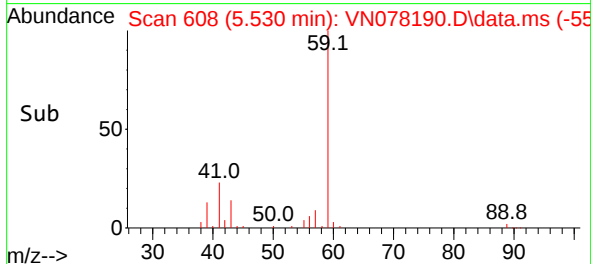
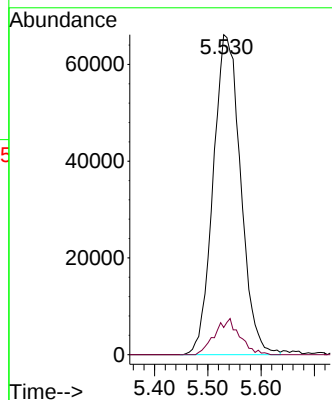
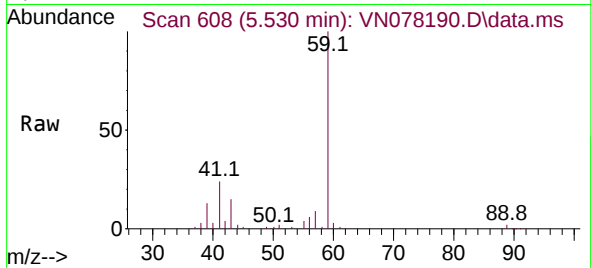
#11
Tert butyl alcohol
Concen: 273.165 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 236290
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

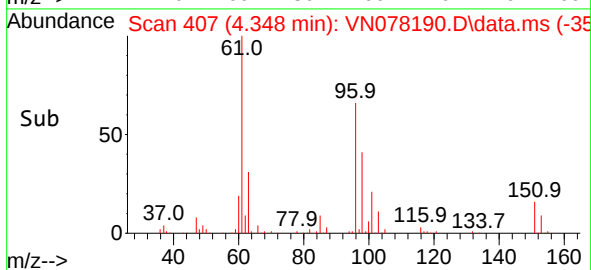
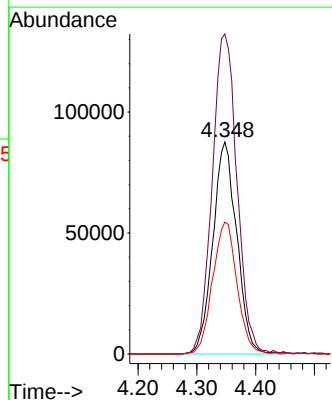
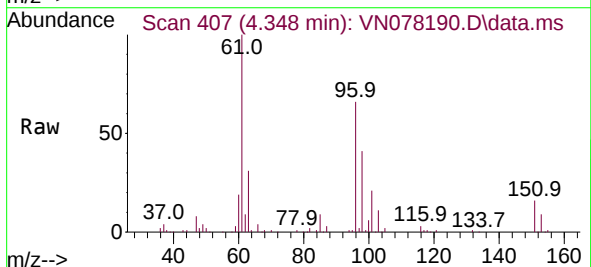
Manual Integrations
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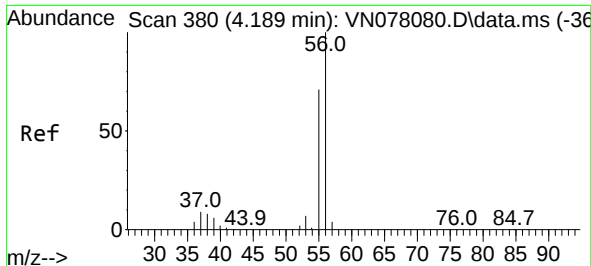
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#12
1,1-Dichloroethene
Concen: 48.233 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

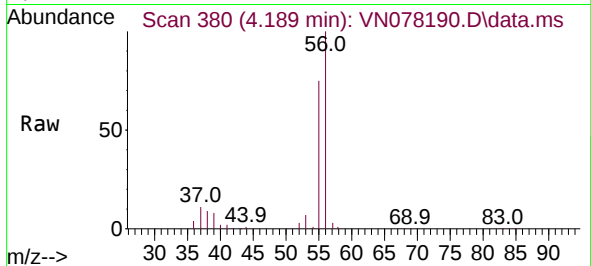
Tgt Ion: 96 Resp: 247482
Ion Ratio Lower Upper
96 100
61 150.9 112.7 169.1
98 62.2 51.2 76.8





#13
Acrolein
Concen: 257.924 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

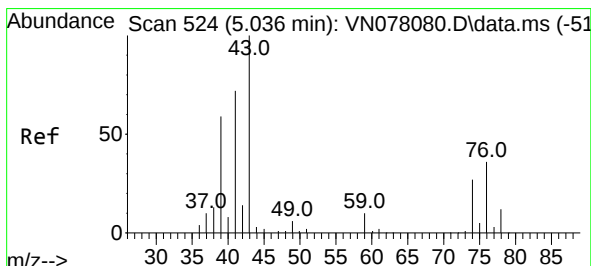
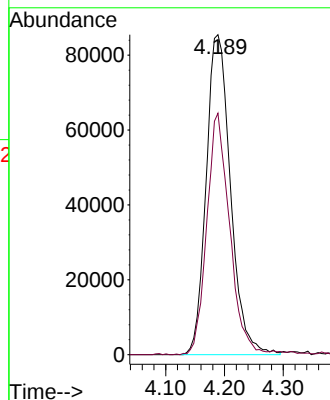
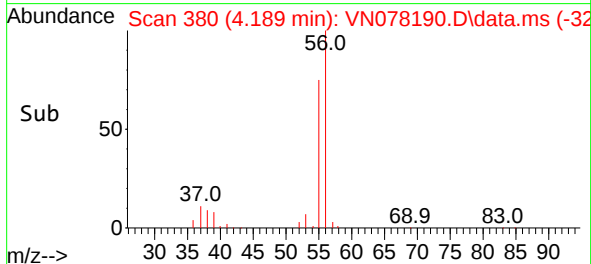
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



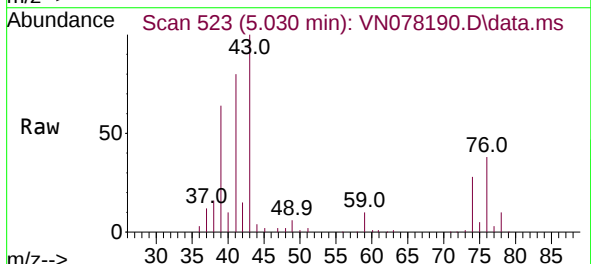
Tgt Ion: 56 Resp: 245898
Ion Ratio Lower Upper
56 100
55 70.5 54.5 81.7

Manual Integrations
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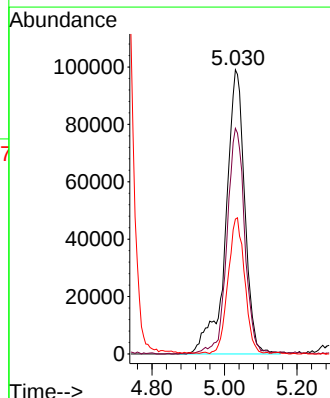
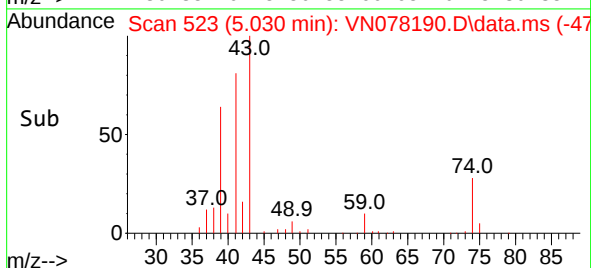
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#14
Allyl chloride
Concen: 57.527 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



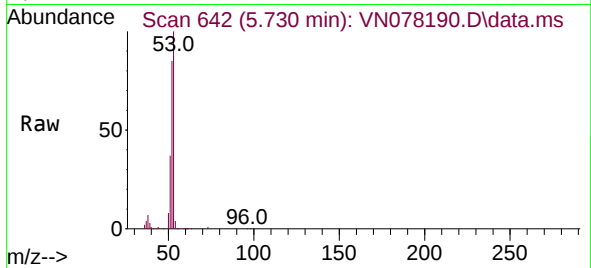
Tgt Ion: 41 Resp: 360309
Ion Ratio Lower Upper
41 100
39 73.9 58.8 88.2
76 41.6 39.1 58.7





#15
Acrylonitrile
Concen: 275.318 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

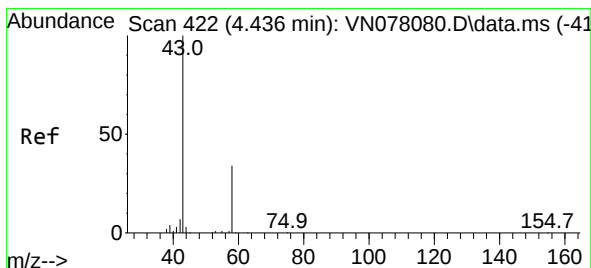
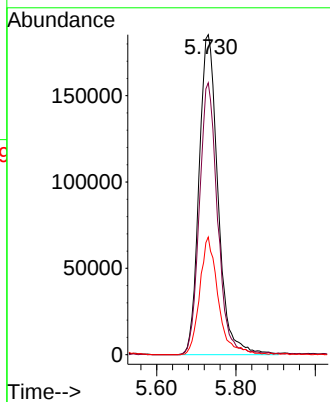
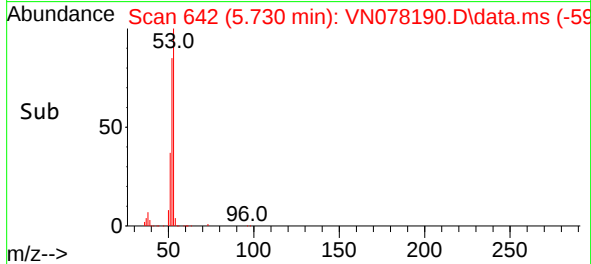
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



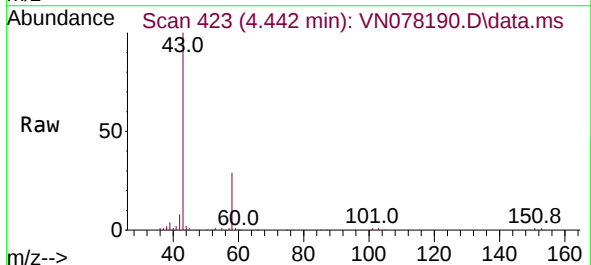
Tgt Ion: 53 Resp: 614008
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 36.0 28.9 43.3

Manual Integrations
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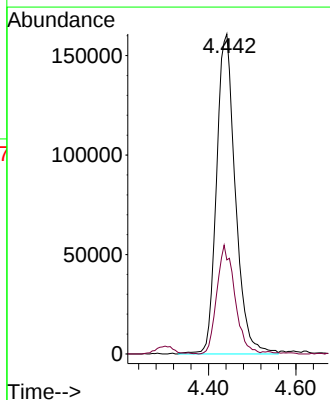
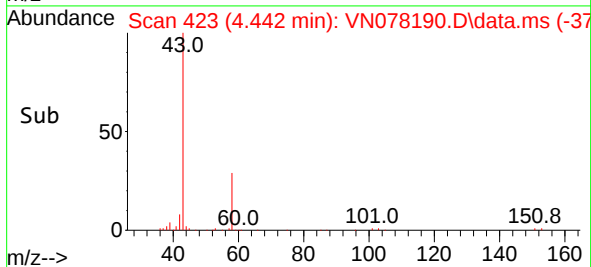
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

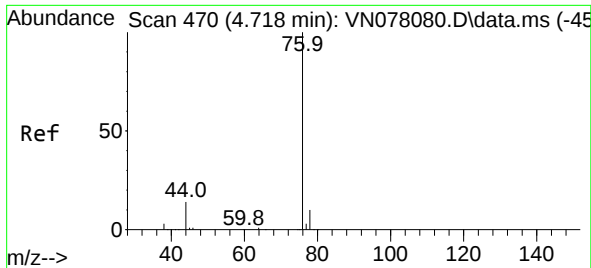


#16
Acetone
Concen: 265.979 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



Tgt Ion: 43 Resp: 479618
Ion Ratio Lower Upper
43 100
58 29.0 28.0 42.0





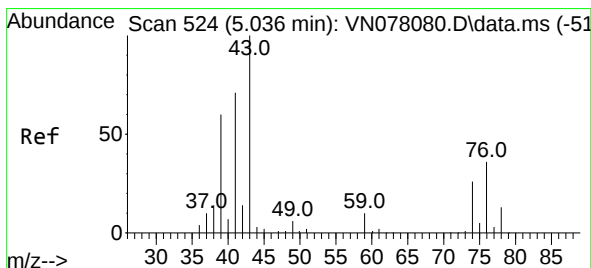
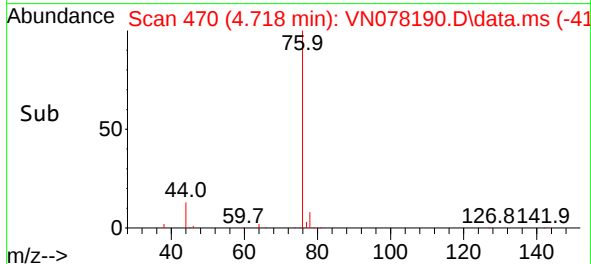
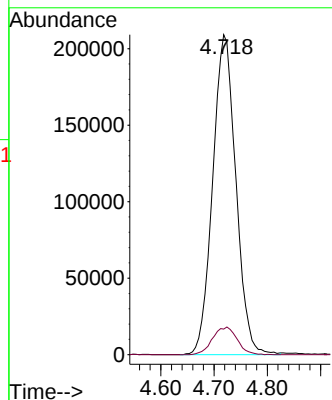
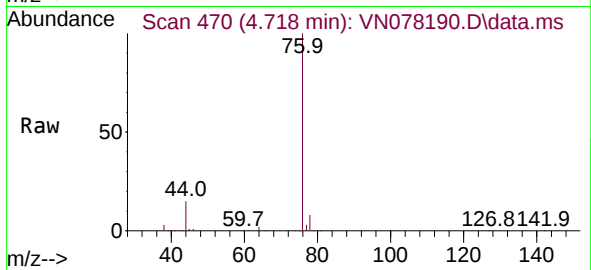
#17
Carbon Disulfide
Concen: 47.862 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 63209
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0

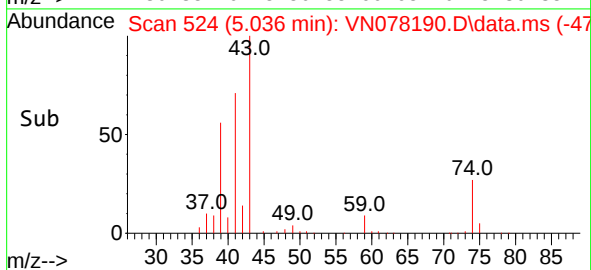
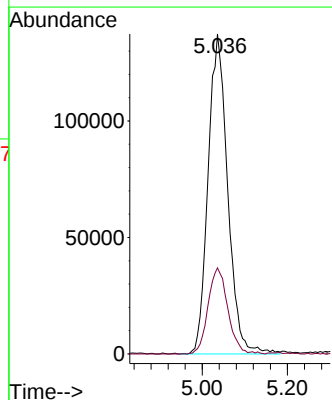
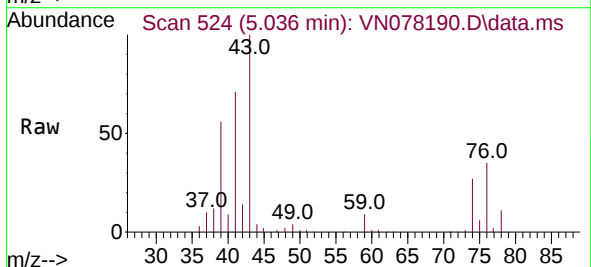
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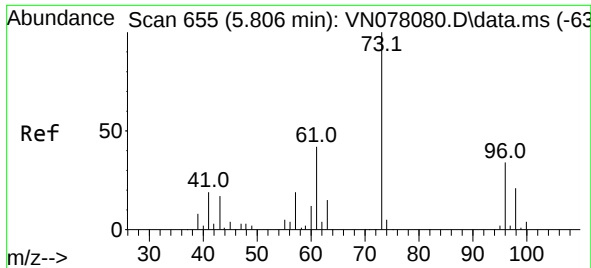
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#18
Methyl Acetate
Concen: 52.908 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 43 Resp: 439237
Ion Ratio Lower Upper
43 100
74 26.9 26.2 39.4





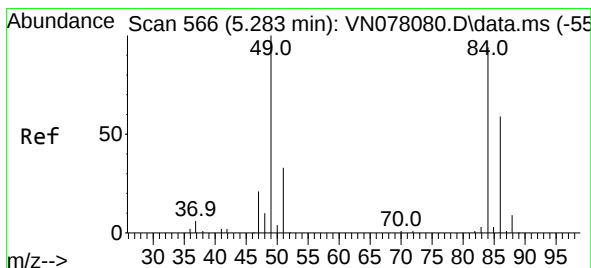
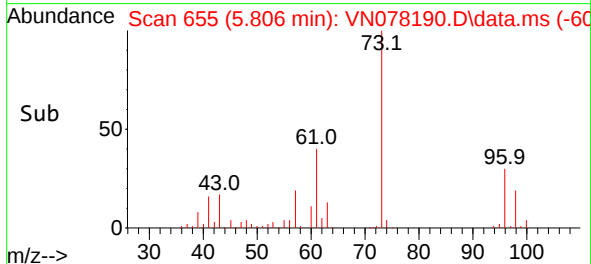
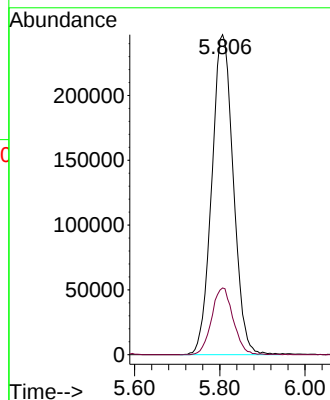
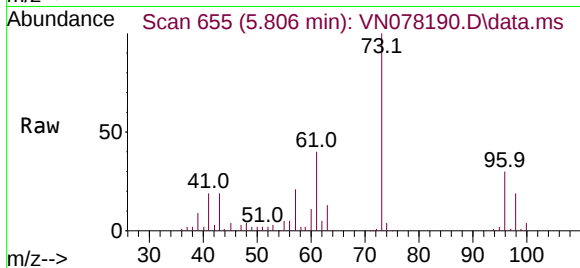
#19
Methyl tert-butyl Ether
Concen: 53.072 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 868810
Ion Ratio Lower Upper
73 100
57 20.9 15.6 23.4

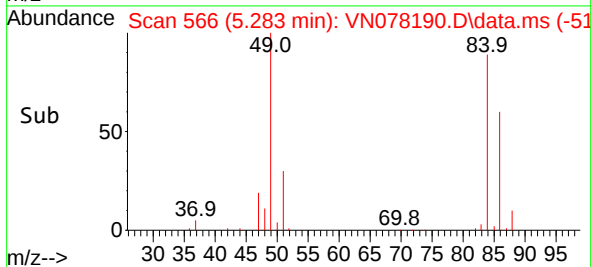
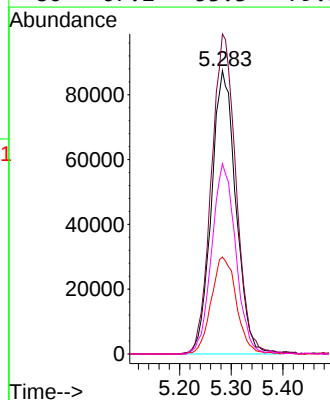
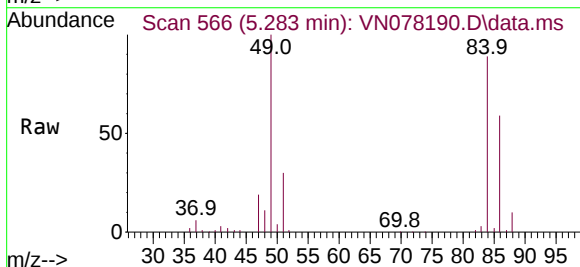
Manual Integrations
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Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#20
Methylene Chloride
Concen: 48.124 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

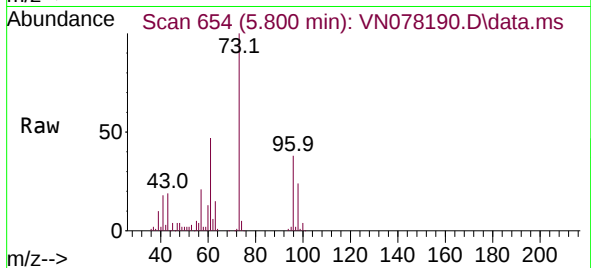
Tgt Ion: 84 Resp: 286759
Ion Ratio Lower Upper
84 100
49 113.0 79.7 119.5
51 34.3 25.2 37.8
86 67.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 49.358 ug/l
RT: 5.800 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

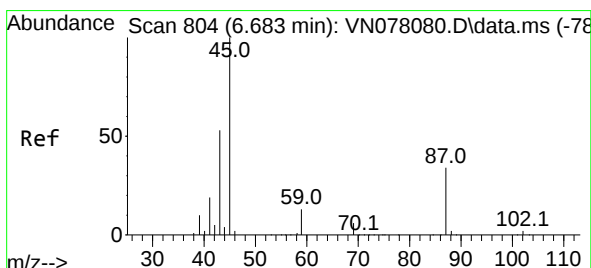
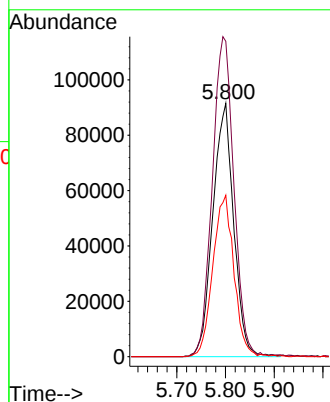
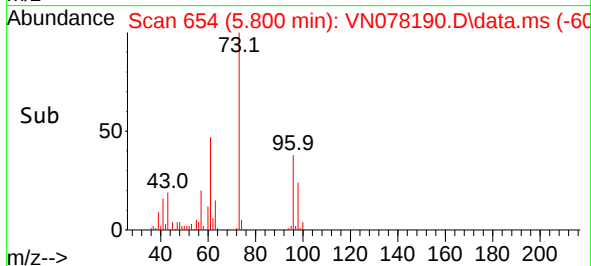
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 273149
Ion Ratio Lower Upper
96 100
61 124.5 90.1 135.1
98 63.7 46.4 69.6

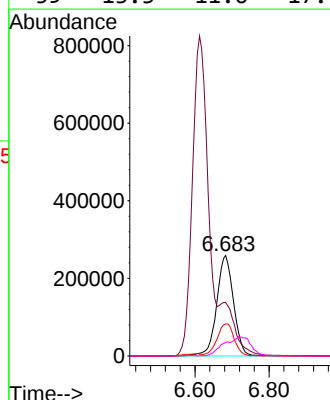
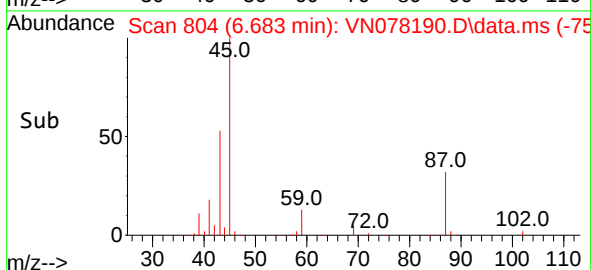
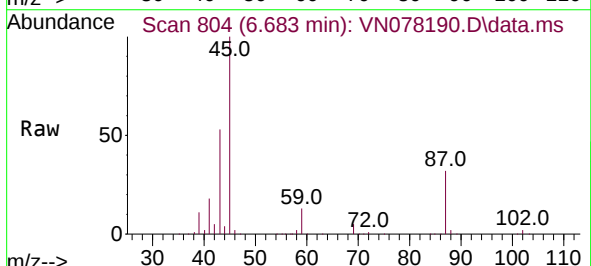
Manual Integrations
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Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#22
Diisopropyl ether
Concen: 55.390 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

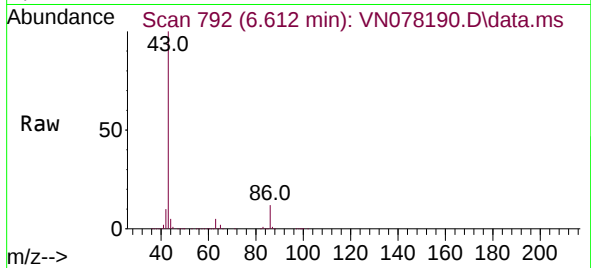
Tgt Ion: 45 Resp: 816049
Ion Ratio Lower Upper
45 100
43 52.4 45.5 68.3
87 31.7 31.8 47.8#
59 13.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 276.900 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

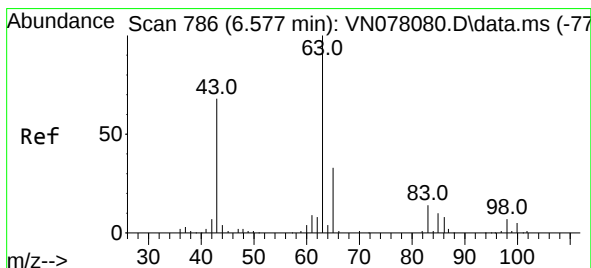
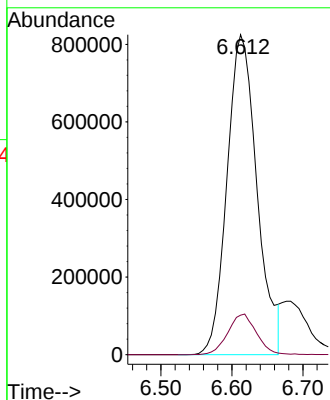
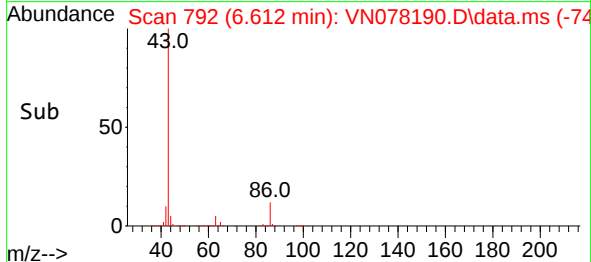
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



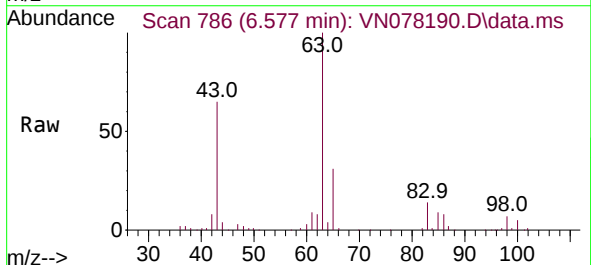
Tgt Ion: 43 Resp: 242503
 Ion Ratio Lower Upper
 43 100
 86 12.3 13.0 19.6

Manual Integrations
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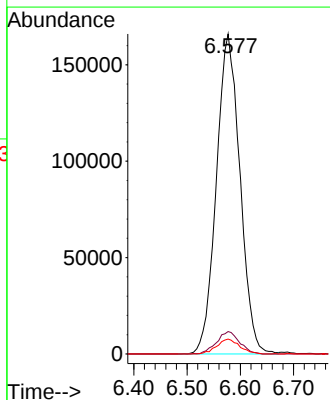
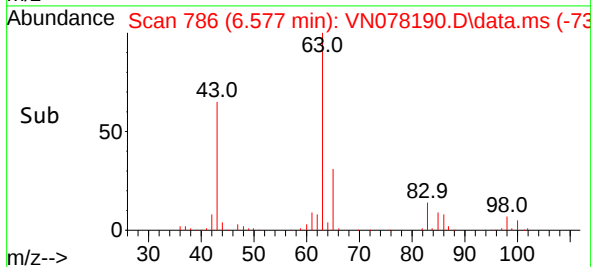
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023



#24
 1,1-Dichloroethane
 Concen: 52.539 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20



Tgt Ion: 63 Resp: 510623
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.7 2.5 7.4





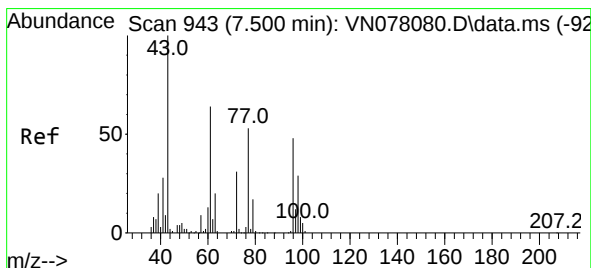
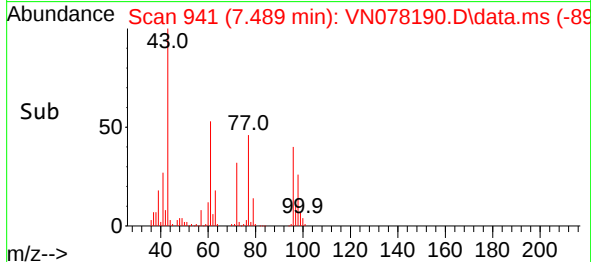
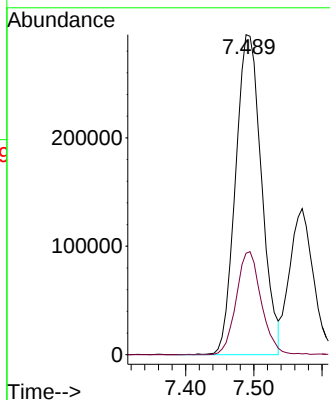
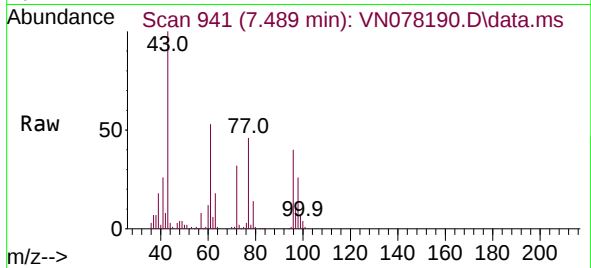
#25
2-Butanone
Concen: 281.363 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 780210
Ion Ratio Lower Upper
43 100
72 31.7 30.2 45.2

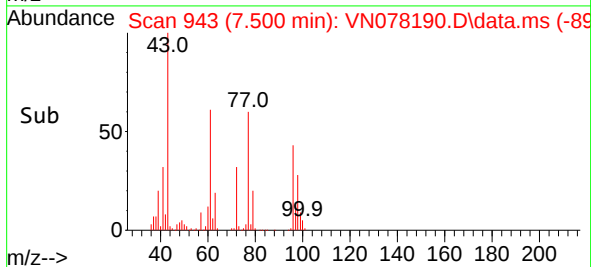
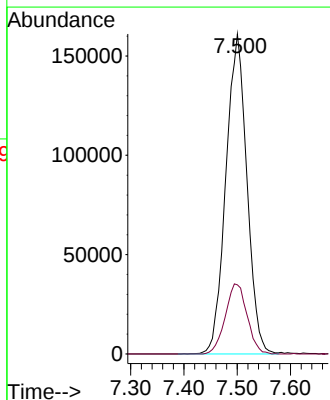
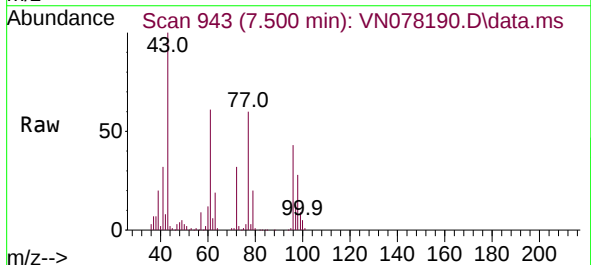
Manual Integrations
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Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#26
2,2-Dichloropropane
Concen: 61.560 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

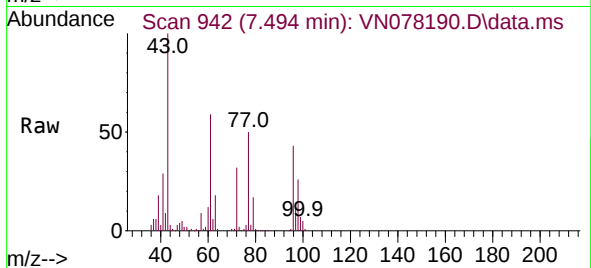
Tgt Ion: 77 Resp: 441766
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.876 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

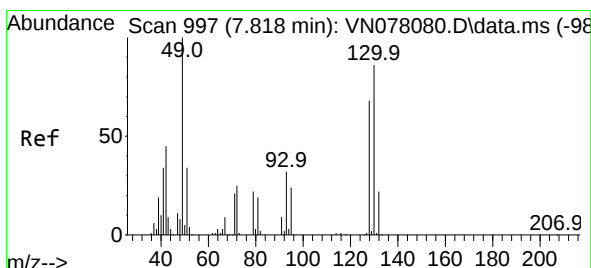
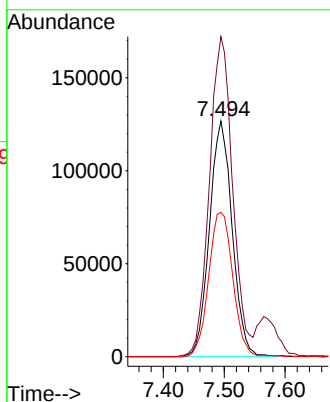
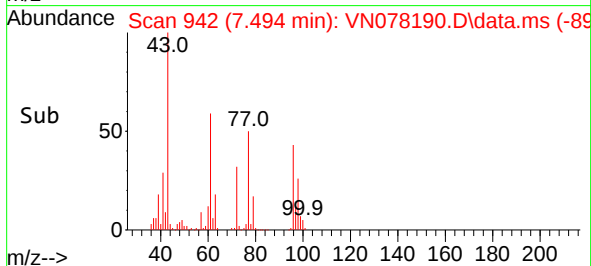
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



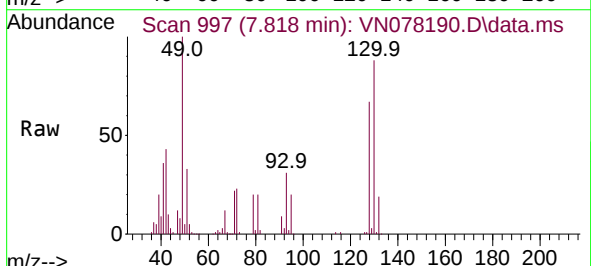
Tgt Ion: 96 Resp: 32923
 Ion Ratio Lower Upper
 96 100
 61 139.3 0.0 255.2
 98 65.1 0.0 128.8

Manual Integrations
 APPROVED

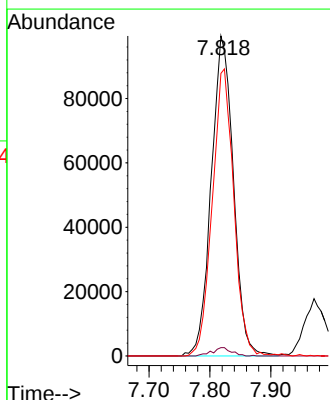
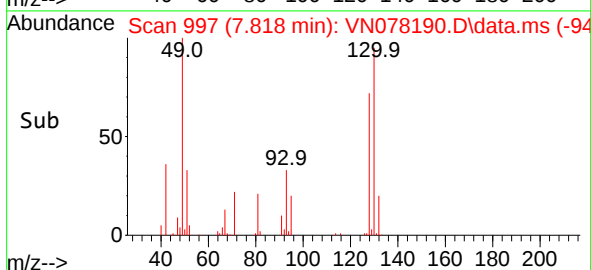
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

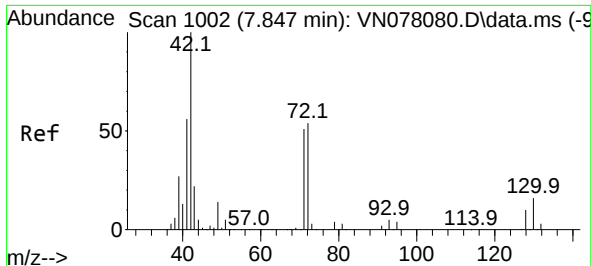


#28
 Bromochloromethane
 Concen: 56.361 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20



Tgt Ion: 49 Resp: 251501
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 86.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 278.897 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

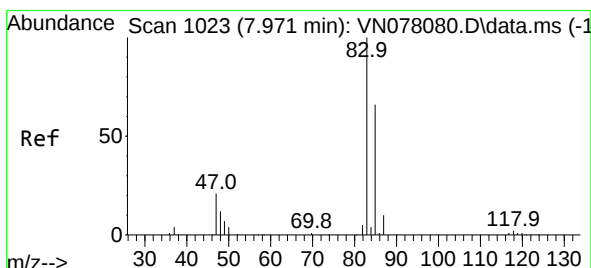
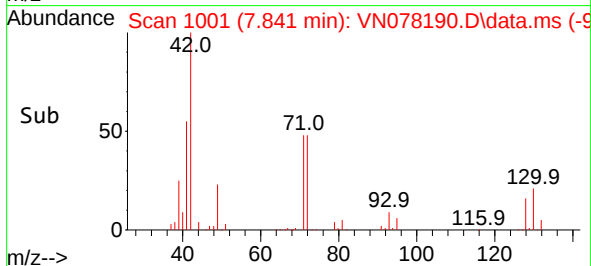
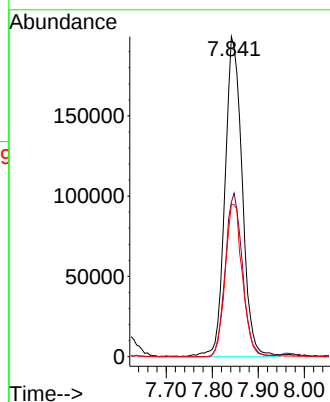
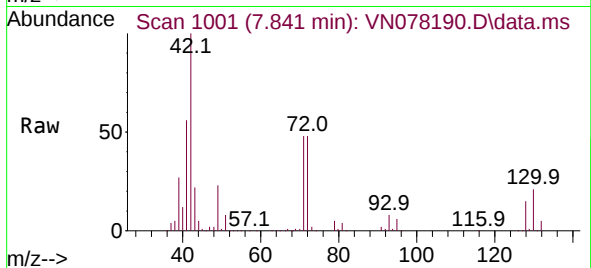
Tgt Ion: 42 Resp: 51700
 Ion Ratio Lower Upper
 42 100
 72 50.6 49.8 74.6
 71 48.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#30

Chloroform

Concen: 54.004 ug/l

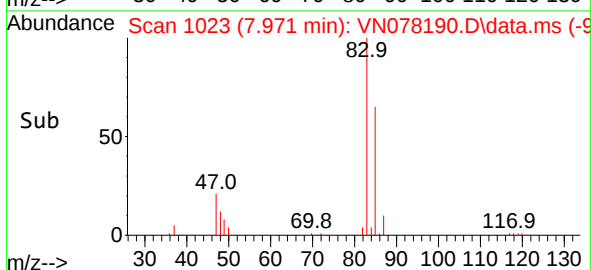
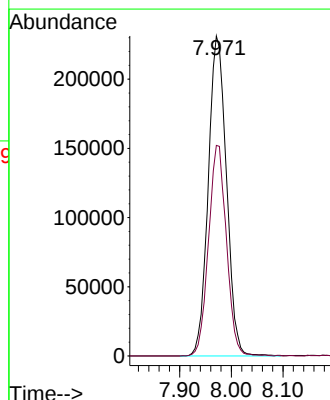
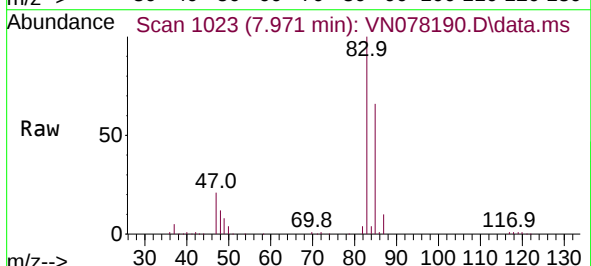
RT: 7.971 min Scan# 1023

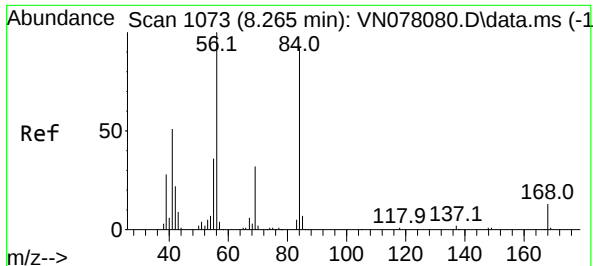
Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

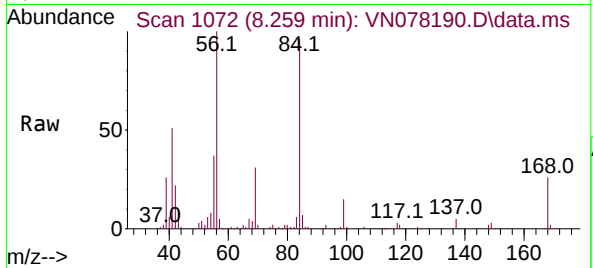
Tgt Ion: 83 Resp: 565182
 Ion Ratio Lower Upper
 83 100
 85 65.8 55.4 83.0





#31
Cyclohexane
Concen: 49.318 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

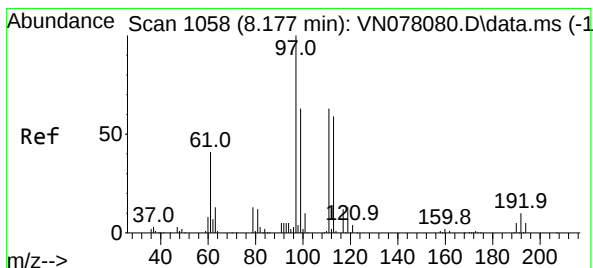
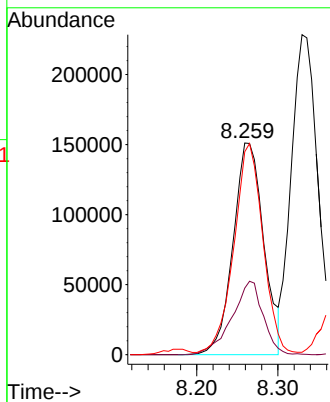
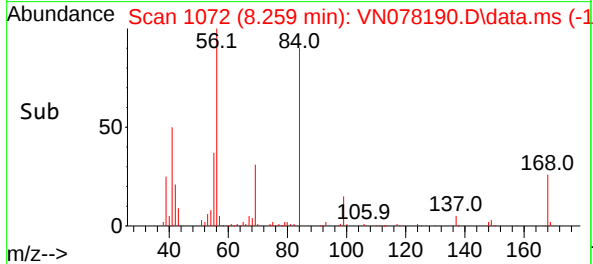
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



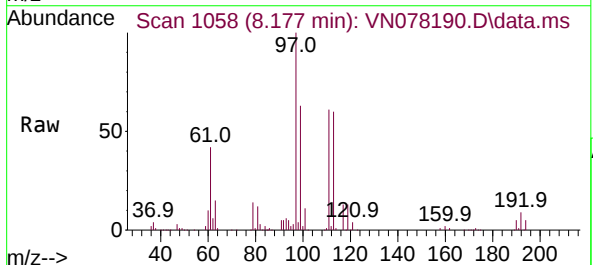
Tgt Ion: 56 Resp: 396330
Ion Ratio Lower Upper
56 100
69 31.4 26.8 40.2
84 93.1 81.8 122.6

Manual Integrations
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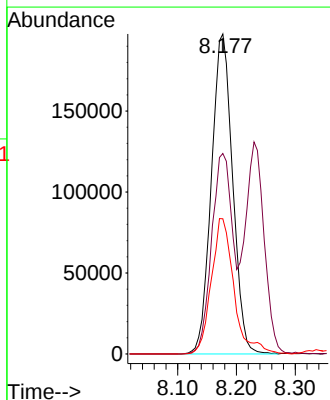
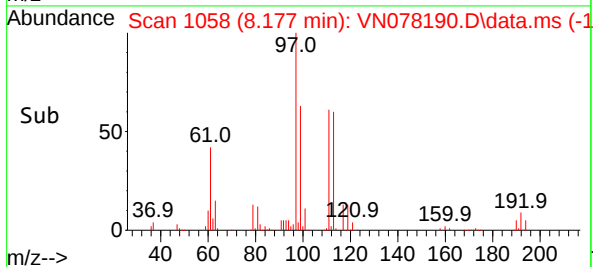
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

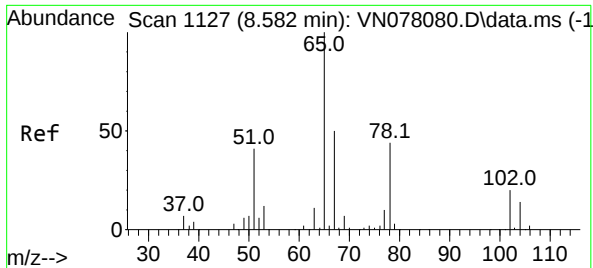


#32
1,1,1-Trichloroethane
Concen: 53.980 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



Tgt Ion: 97 Resp: 495970
Ion Ratio Lower Upper
97 100
99 61.3 50.3 75.5
61 45.1 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 55.103 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

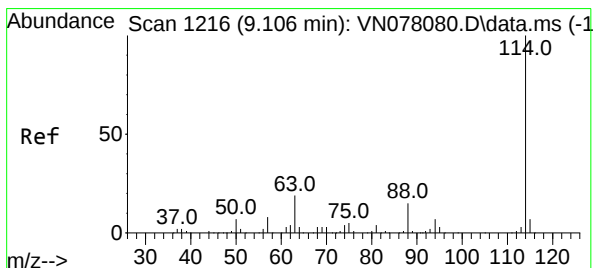
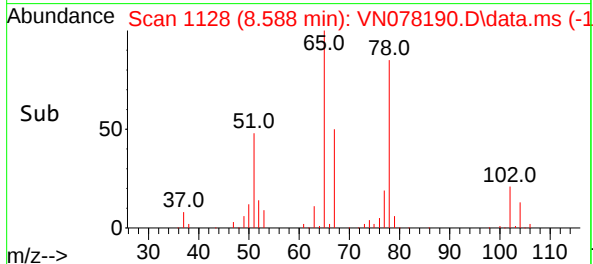
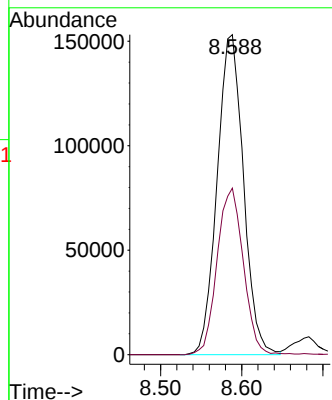
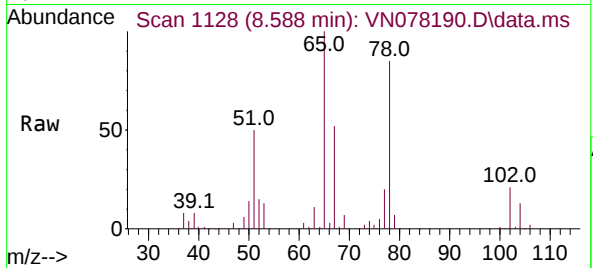
Tgt Ion: 65 Resp: 34520
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6

Manual Integrations

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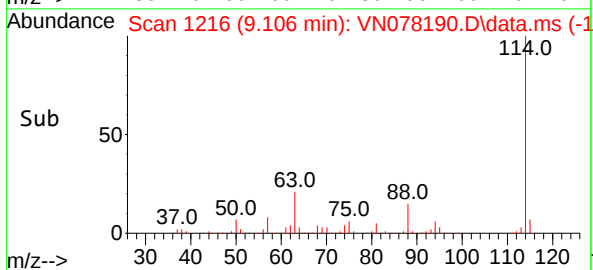
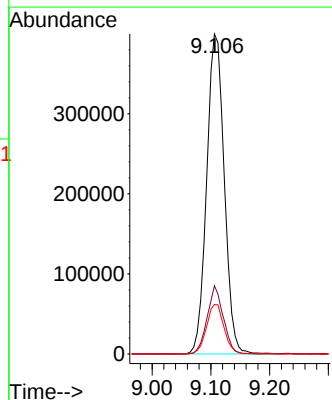
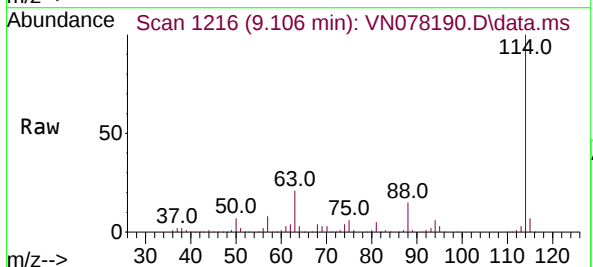
Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

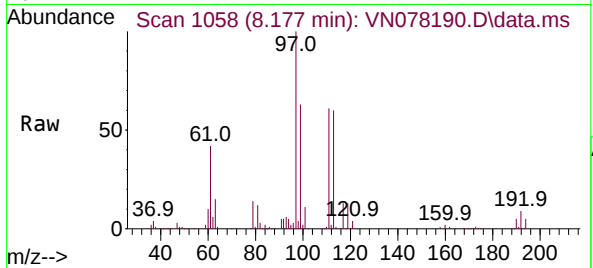
Tgt Ion:114 Resp: 830046
Ion Ratio Lower Upper
114 100
63 21.3 0.0 36.4
88 15.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 55.961 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

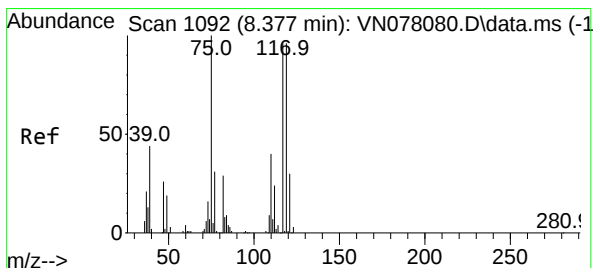
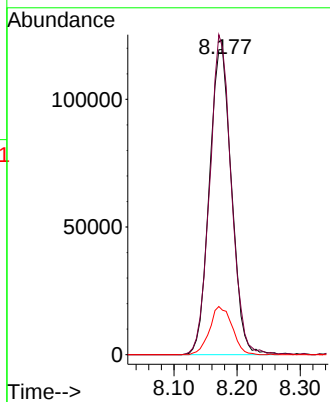
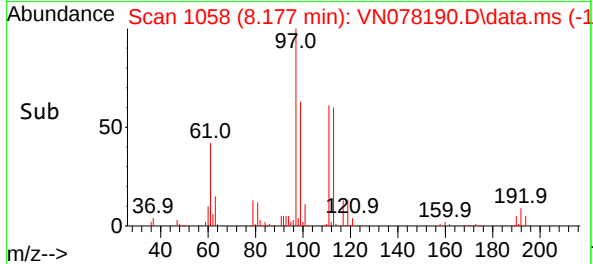
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



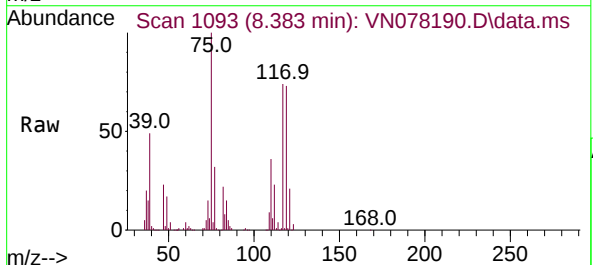
Tgt Ion: 113 Resp: 29370
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 15.9 12.7 19.1

Manual Integrations
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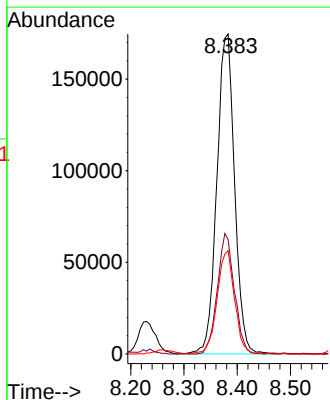
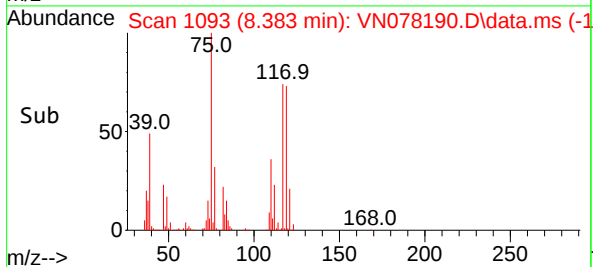
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

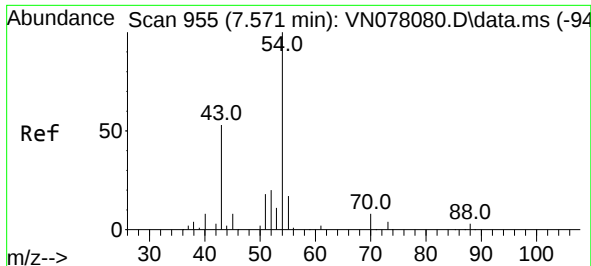


#36
1,1-Dichloropropene
Concen: 53.695 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



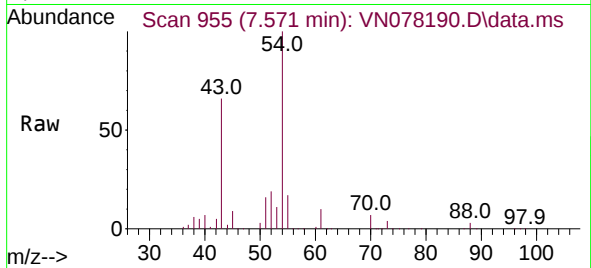
Tgt Ion: 75 Resp: 404220
Ion Ratio Lower Upper
75 100
110 36.1 19.1 57.3
77 31.8 25.0 37.4





#37
Ethyl Acetate
Concen: 57.060 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

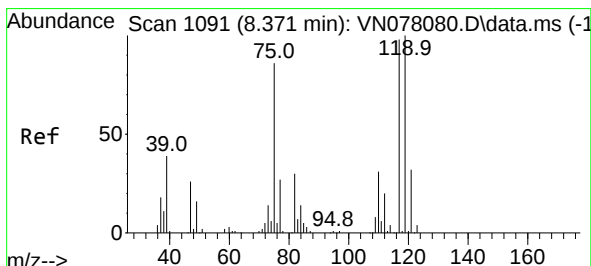
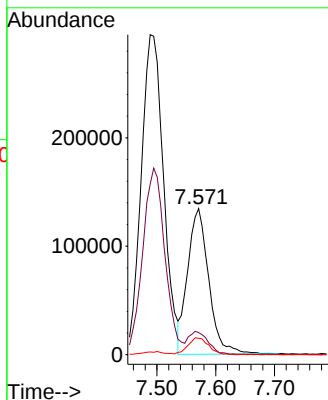
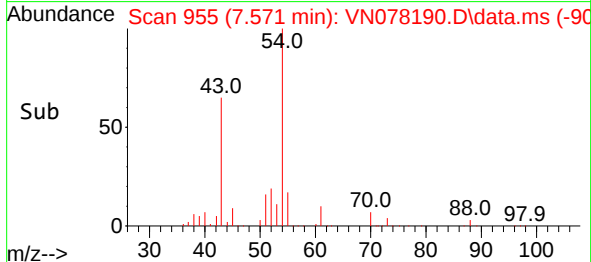
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 33556
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 11.3 11.3 16.9

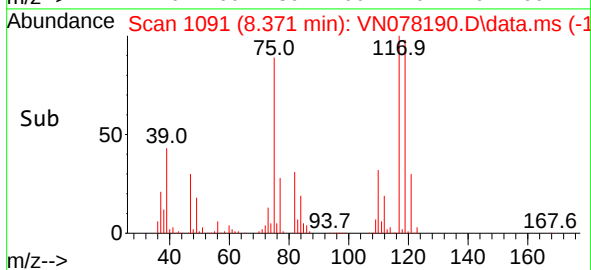
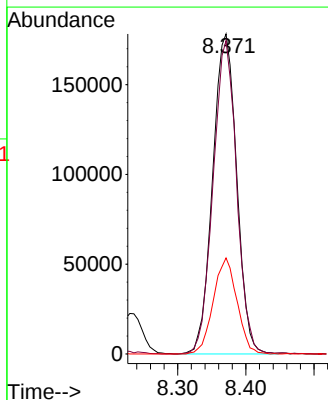
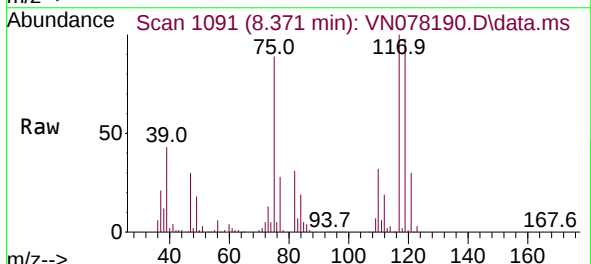
Manual Integrations
APPROVED

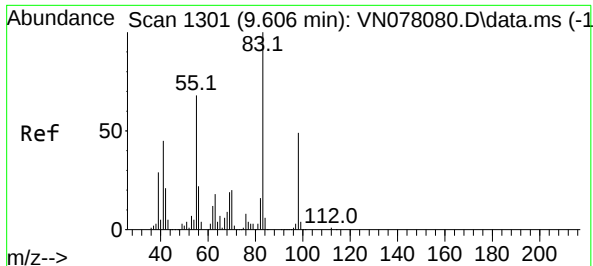
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#38
Carbon Tetrachloride
Concen: 55.068 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

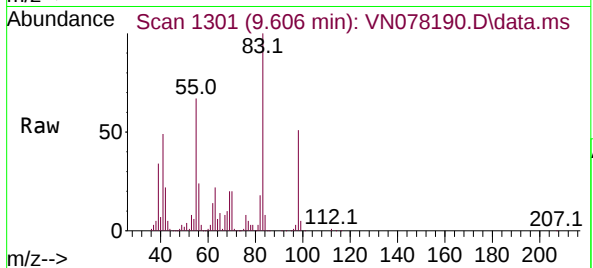
Tgt Ion:117 Resp: 437726
Ion Ratio Lower Upper
117 100
119 97.9 77.3 115.9
121 30.0 23.3 34.9





#39
Methylcyclohexane
Concen: 47.967 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

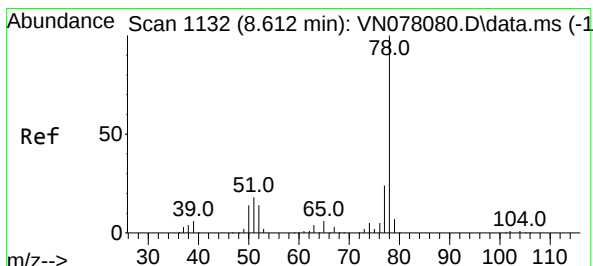
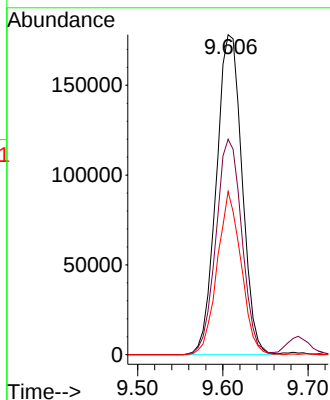
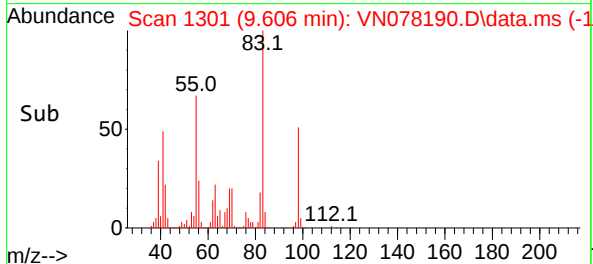
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 374214
Ion Ratio Lower Upper
83 100
55 67.3 49.1 73.7
98 51.0 40.6 61.0

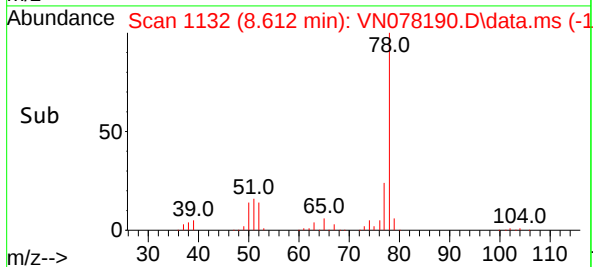
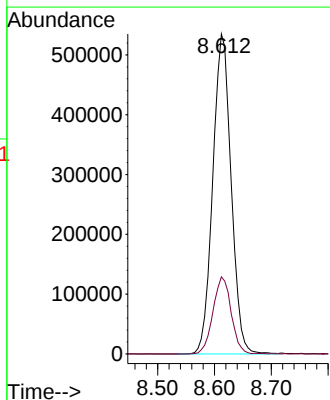
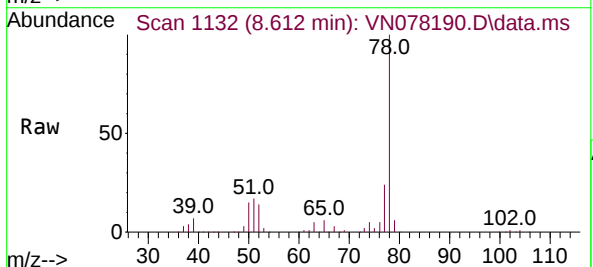
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#40
Benzene
Concen: 53.361 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

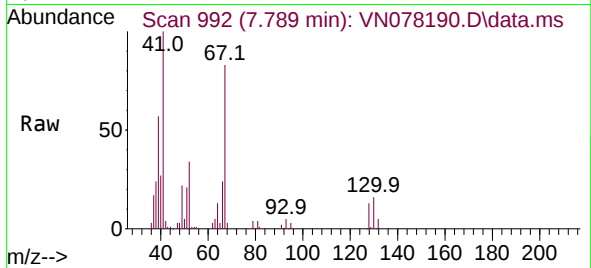
Tgt Ion: 78 Resp: 1199254
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 55.247 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

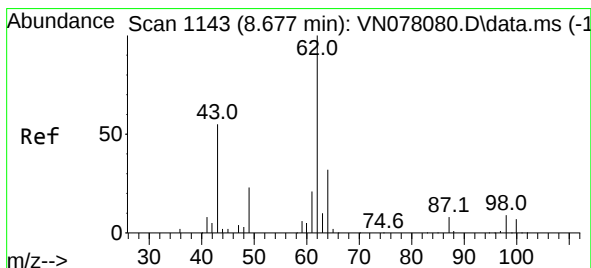
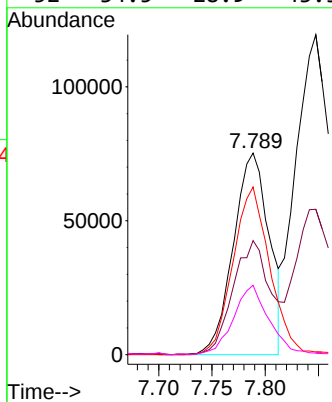
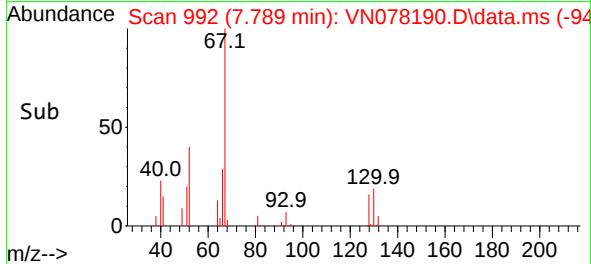
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 176108
Ion Ratio Lower Upper
41 100
39 61.5 42.6 64.0
67 86.2 77.5 116.3
52 34.5 28.9 43.3

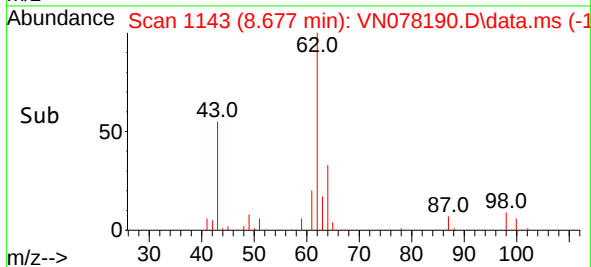
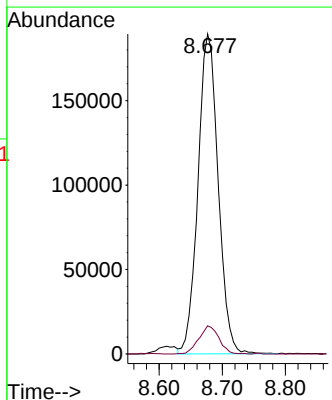
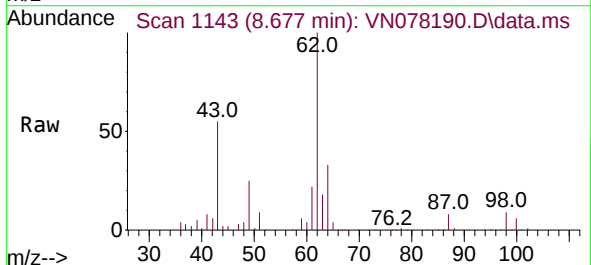
Manual Integrations
APPROVED

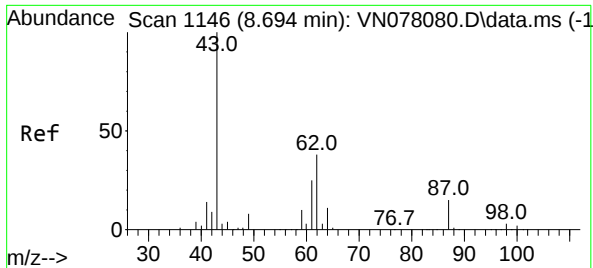
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#42
1,2-Dichloroethane
Concen: 54.603 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 62 Resp: 420760
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 51.258 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 57649

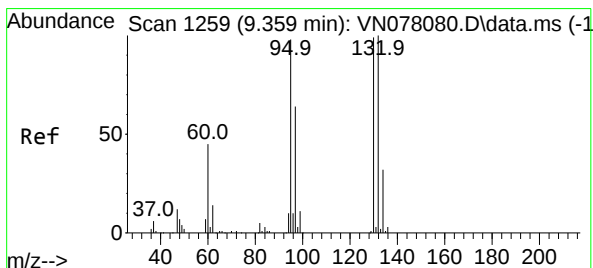
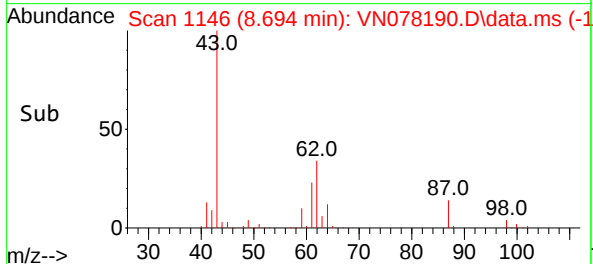
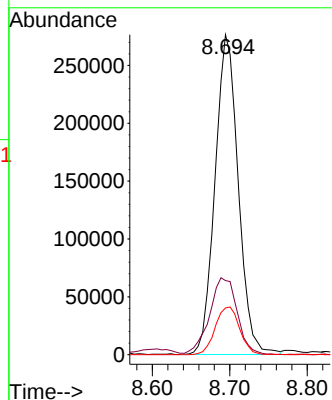
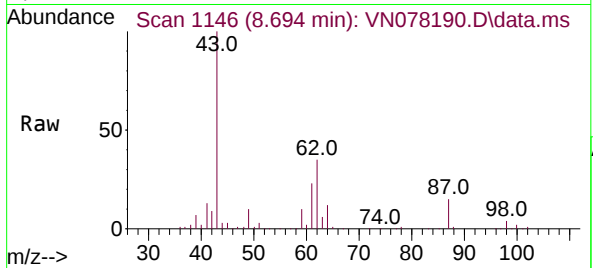
Ion	Ratio	Lower	Upper
43	100		
61	28.7	24.7	37.1
87	15.7	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#44

Trichloroethene

Concen: 51.908 ug/l

RT: 9.359 min Scan# 1259

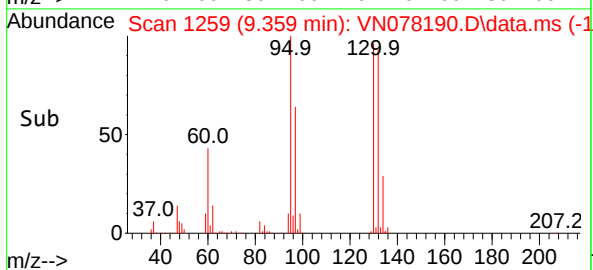
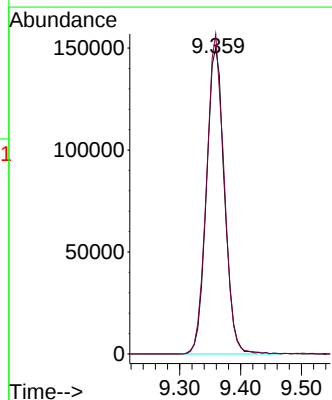
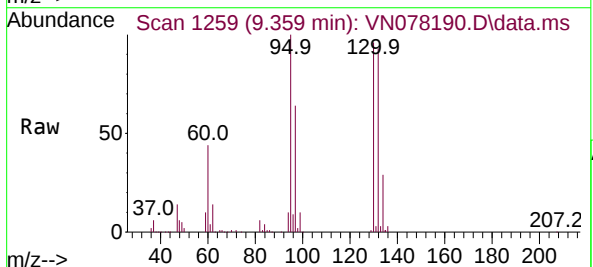
Delta R.T. 0.000 min

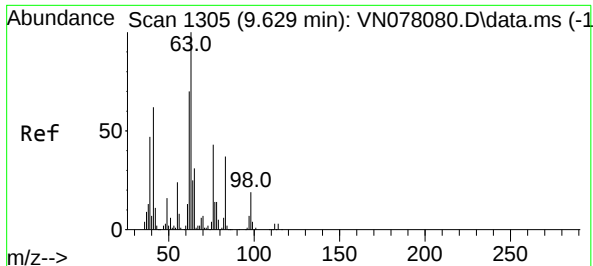
Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Tgt Ion:130 Resp: 308083

Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	204.6





#45

1,2-Dichloropropane

Concen: 54.796 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078190.D

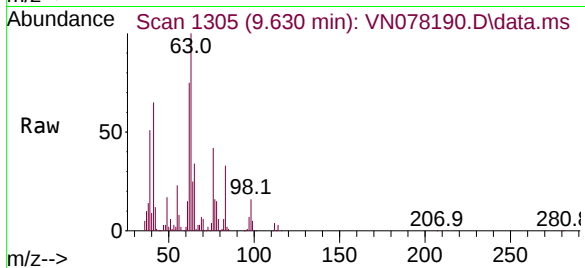
Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 63 Resp: 306398

Ion Ratio Lower Upper

63 100

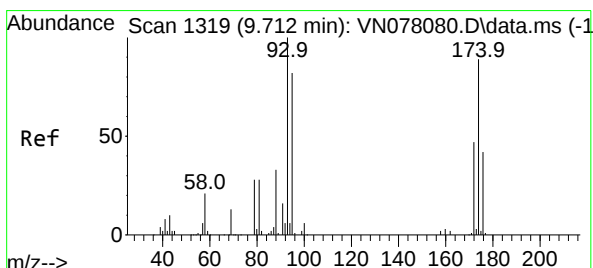
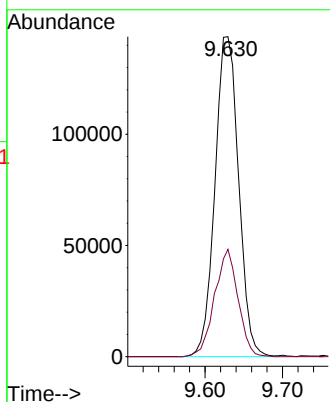
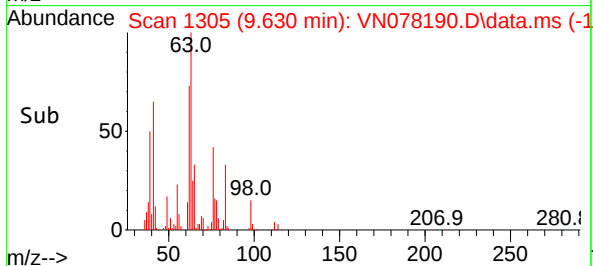
65 33.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#46

Dibromomethane

Concen: 52.130 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

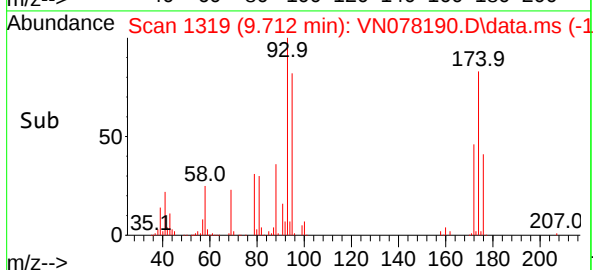
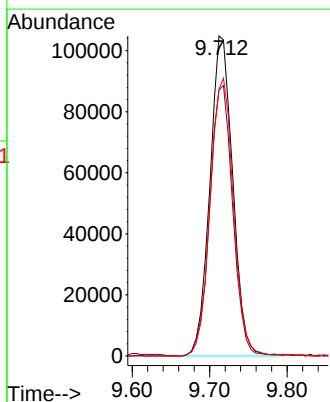
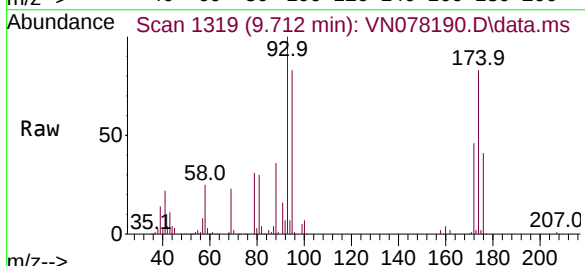
Tgt Ion: 93 Resp: 214703

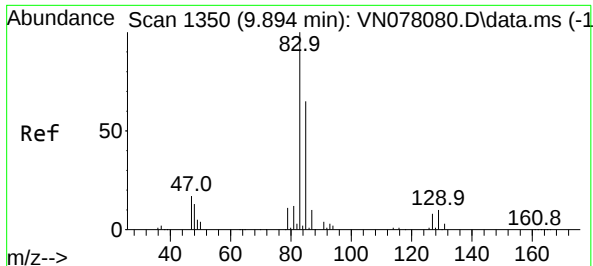
Ion Ratio Lower Upper

93 100

95 85.3 63.8 95.8

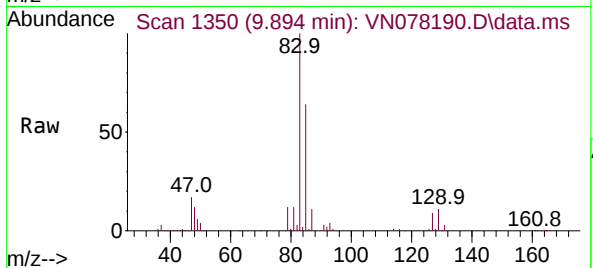
174 88.2 65.6 98.4





#47
Bromodichloromethane
Concen: 57.595 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

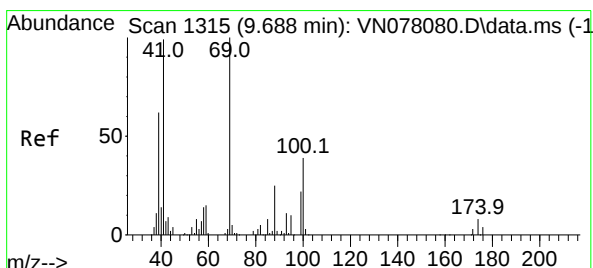
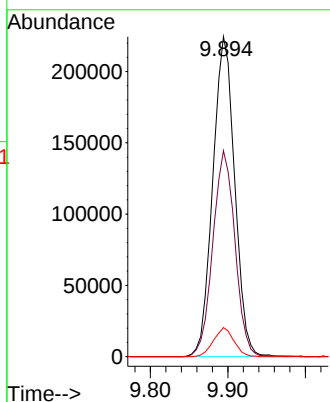
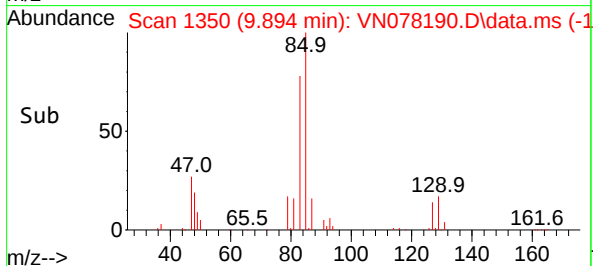
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



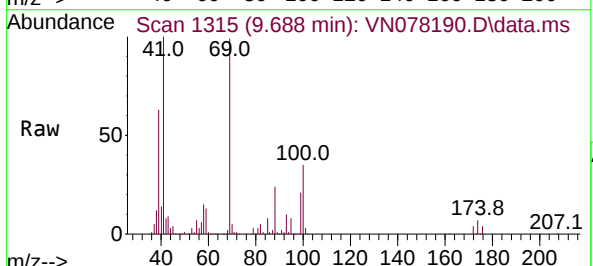
Tgt Ion: 83 Resp: 440624
Ion Ratio Lower Upper
83 100
85 64.4 49.6 74.4
127 9.1 7.0 10.6

Manual Integrations
APPROVED

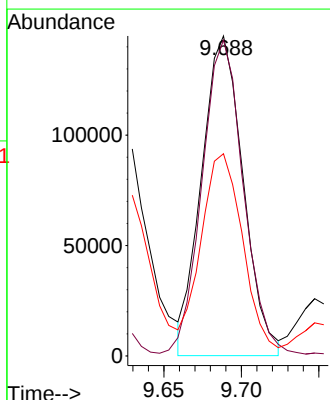
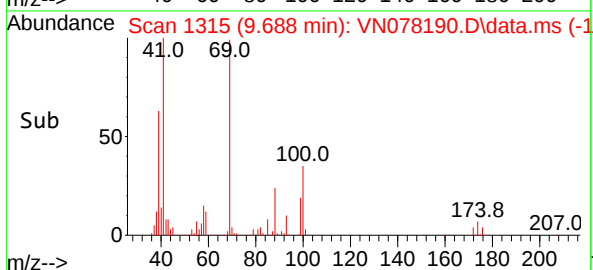
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

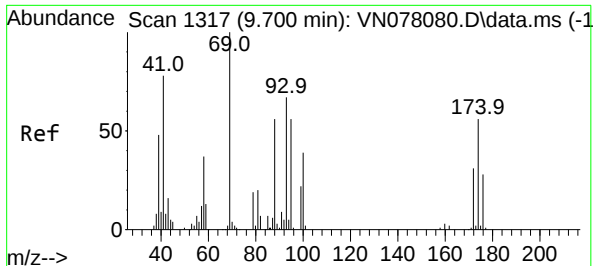


#48
Methyl methacrylate
Concen: 57.139 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



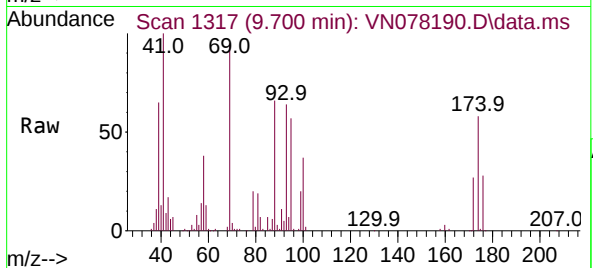
Tgt Ion: 41 Resp: 269688
Ion Ratio Lower Upper
41 100
69 99.9 90.4 135.6
39 64.2 54.6 81.8





#49
1,4-Dioxane
Concen: 1126.593 ug/l
RT: 9.700 min Scan# 111759
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

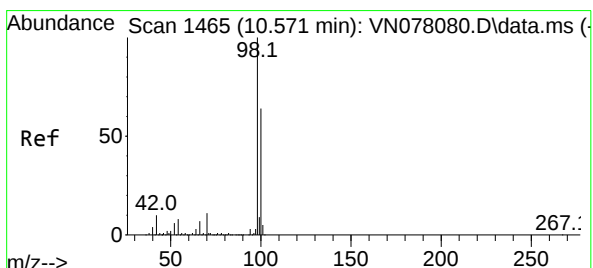
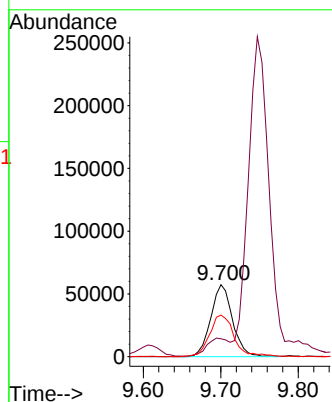
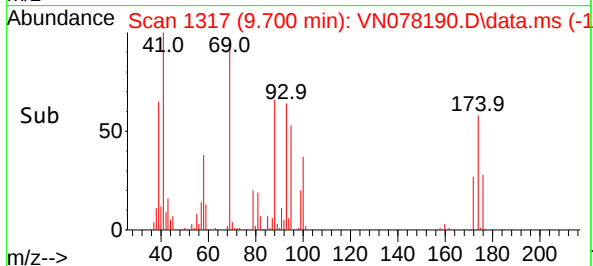
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



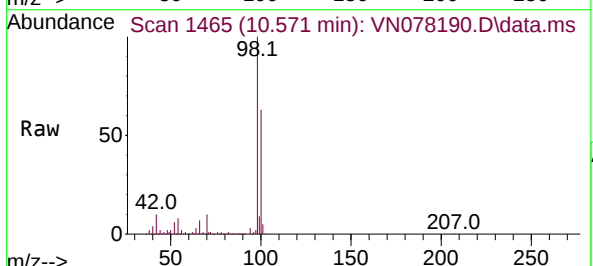
Tgt Ion: 88 Resp: 111759
Ion Ratio Lower Upper
88 100
43 25.7 17.0 25.6
58 65.6 47.0 70.4

Manual Integrations
APPROVED

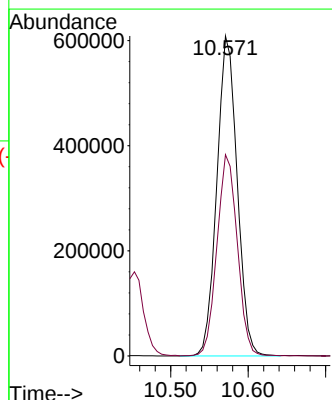
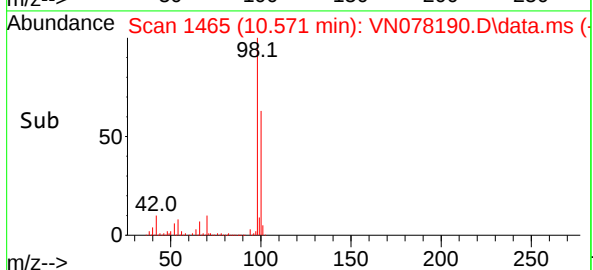
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

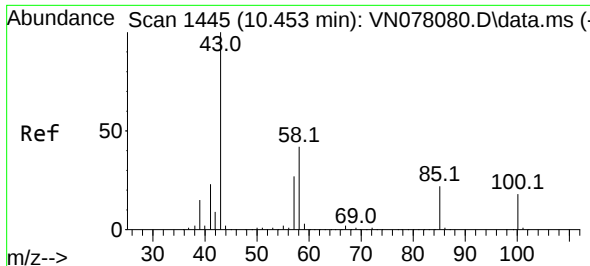


#50
Toluene-d8
Concen: 54.812 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



Tgt Ion: 98 Resp: 1108994
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0





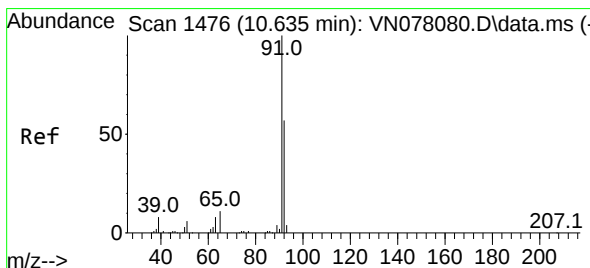
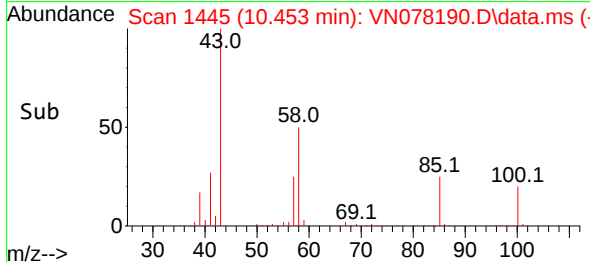
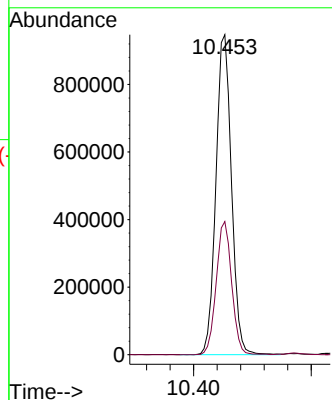
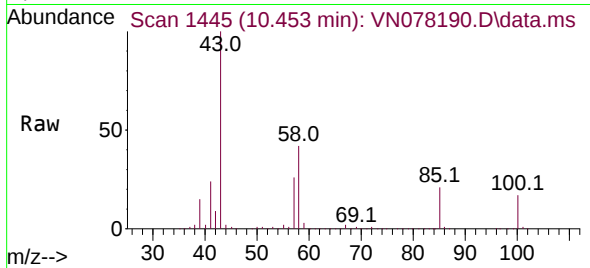
#51
4-Methyl-2-Pentanone
Concen: 293.060 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 173565
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

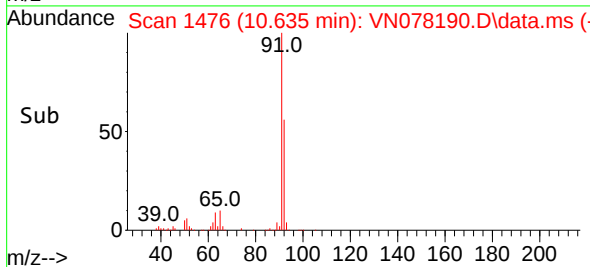
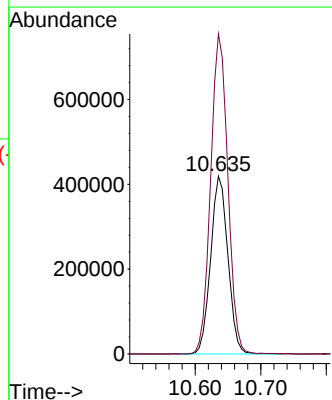
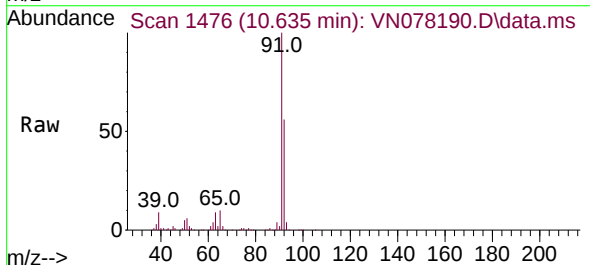
Manual Integrations
APPROVED

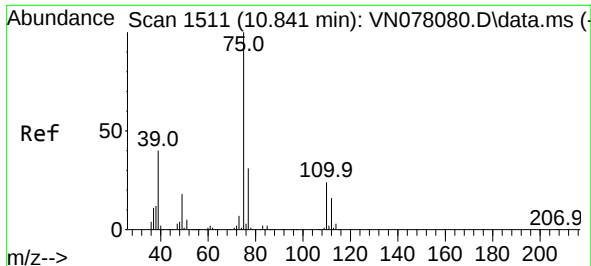
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#52
Toluene
Concen: 53.940 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

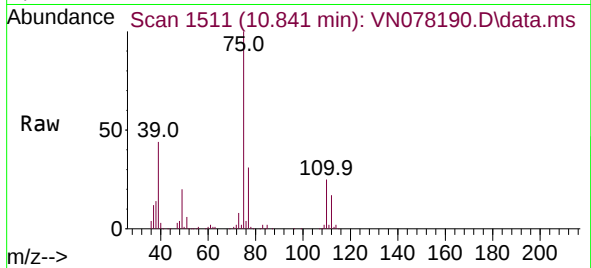
Tgt Ion: 92 Resp: 765398
Ion Ratio Lower Upper
92 100
91 179.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 58.941 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

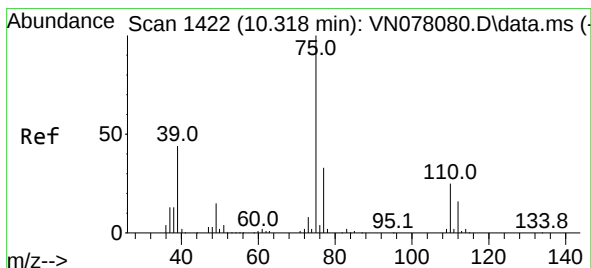
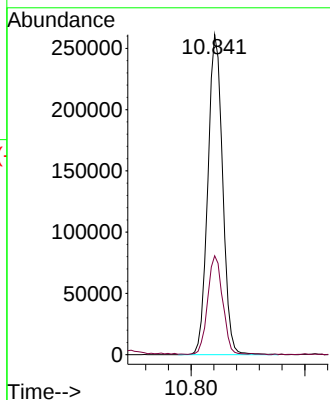
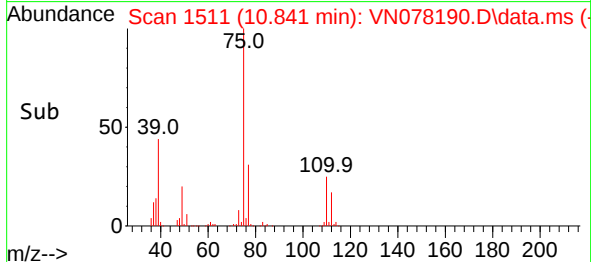
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 46961
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0

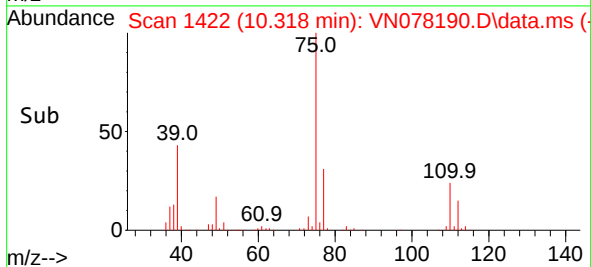
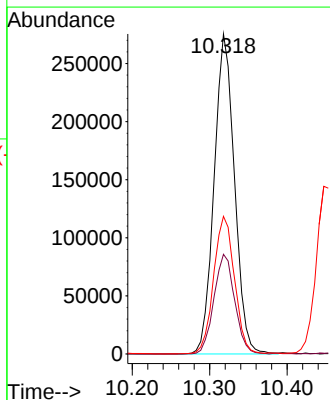
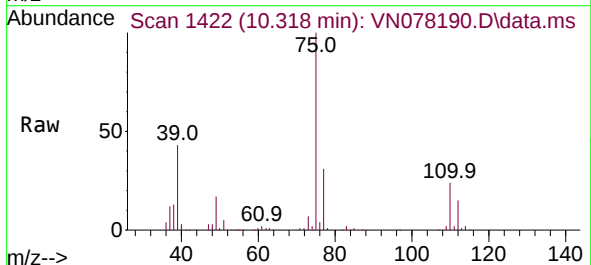
Manual Integrations
APPROVED

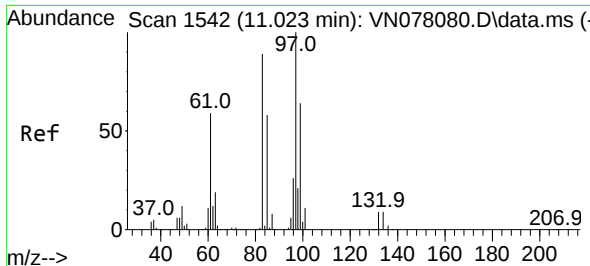
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#54
cis-1,3-Dichloropropene
Concen: 57.076 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

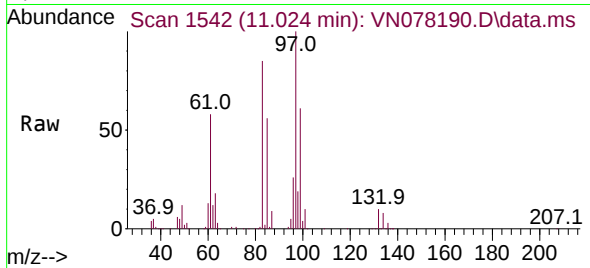
Tgt Ion: 75 Resp: 502697
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 43.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 56.550 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

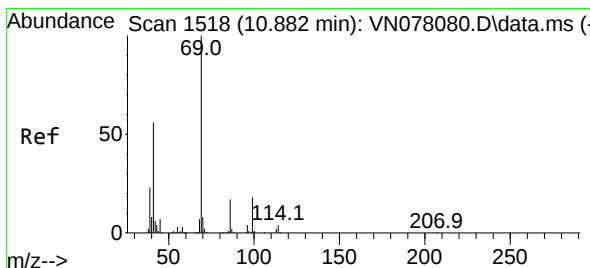
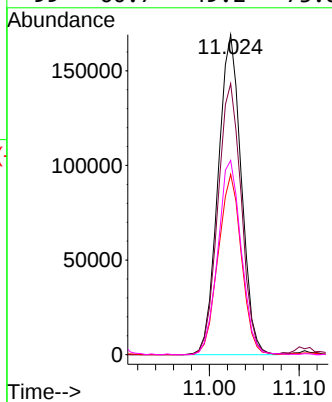
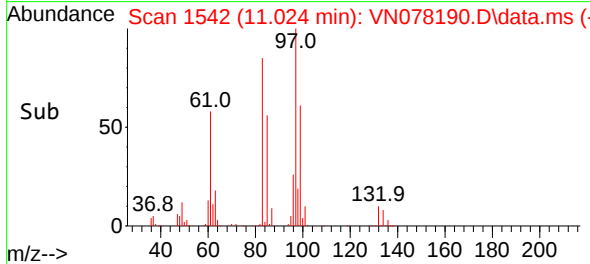
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	30354
Ion Ratio	100	Lower	Upper
97	100		
83	84.7	65.1	97.7
85	56.4	43.4	65.2
99	60.7	49.2	73.8

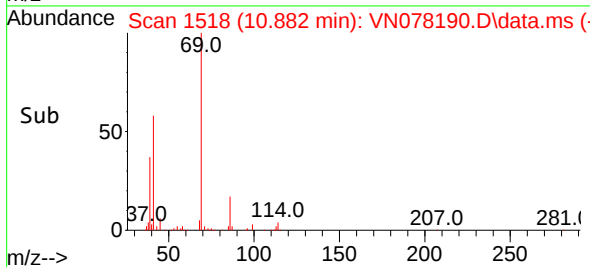
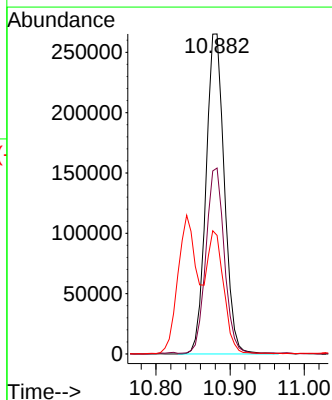
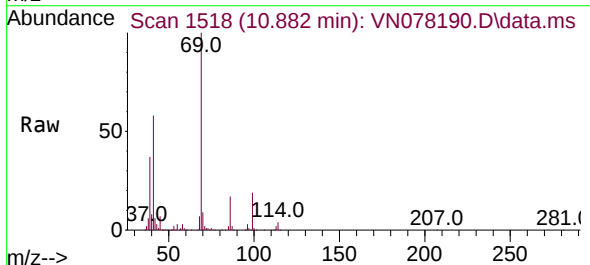
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#56
Ethyl methacrylate
Concen: 58.324 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

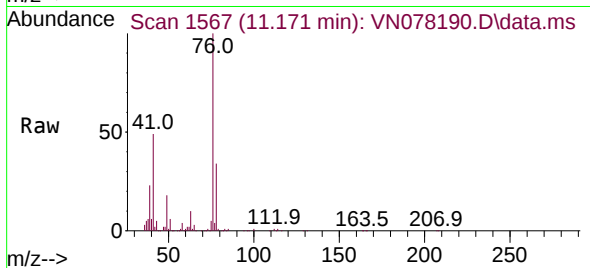
Tgt Ion:	69	Resp:	455861
Ion Ratio	100	Lower	Upper
69	100		
41	58.0	39.6	59.4
39	32.9	28.6	43.0





#57
1,3-Dichloropropane
Concen: 56.241 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

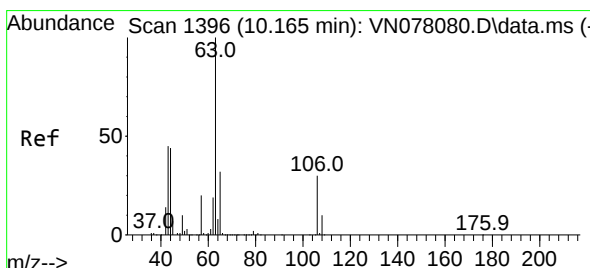
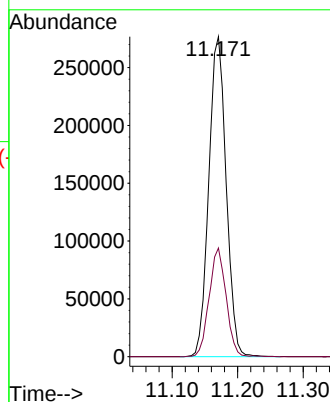
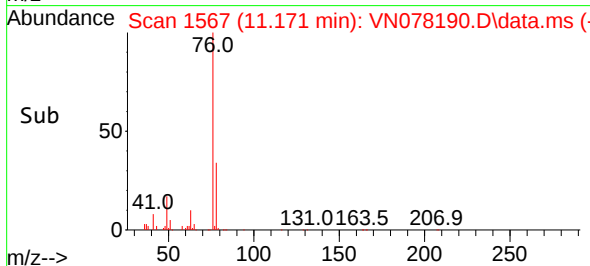
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



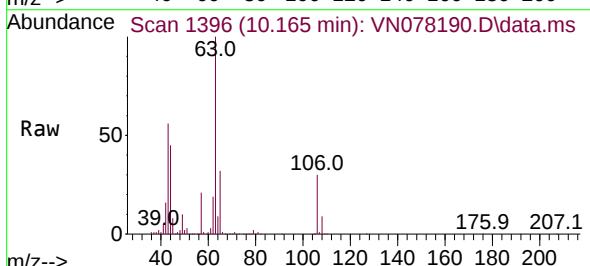
Tgt Ion: 76 Resp: 509582
Ion Ratio Lower Upper
76 100
78 33.2 26.1 39.1

Manual Integrations
APPROVED

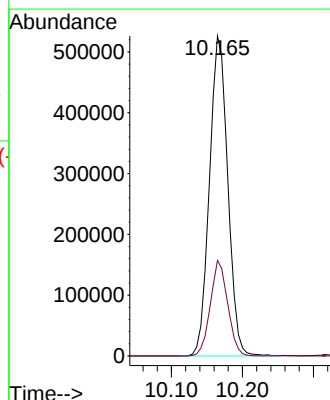
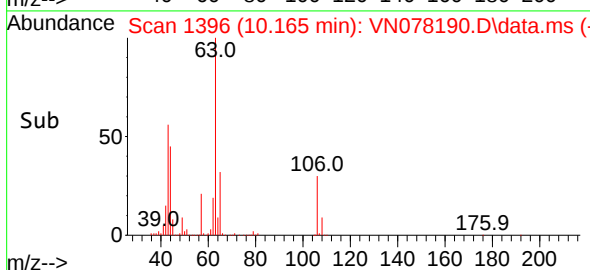
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

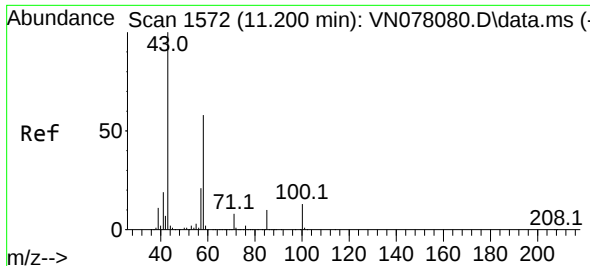


#58
2-Chloroethyl Vinyl ether
Concen: 298.654 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



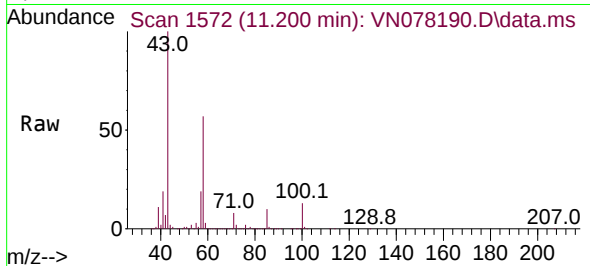
Tgt Ion: 63 Resp: 942969
Ion Ratio Lower Upper
63 100
106 28.3 26.2 39.4





#59
2-Hexanone
Concen: 298.699 ug/l
RT: 11.200 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

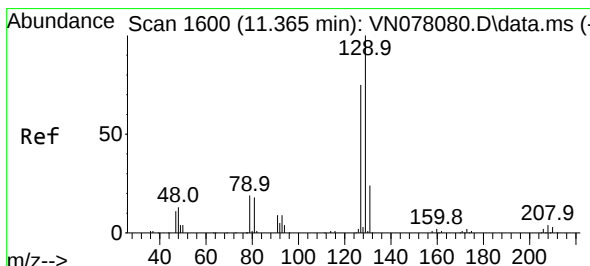
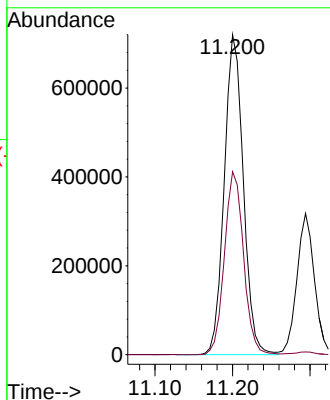
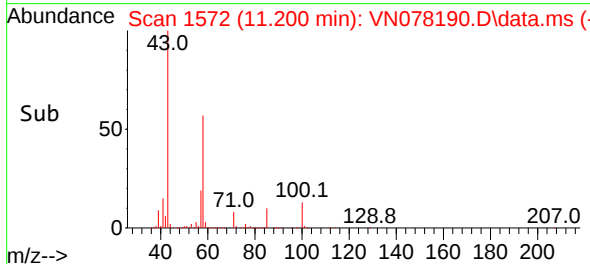
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1231774
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1

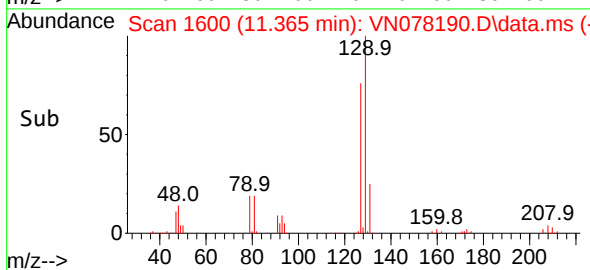
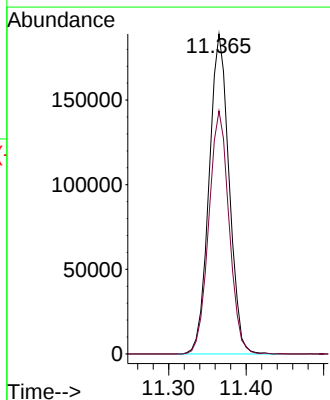
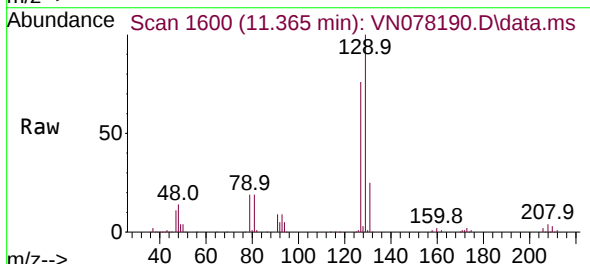
Manual Integrations
APPROVED

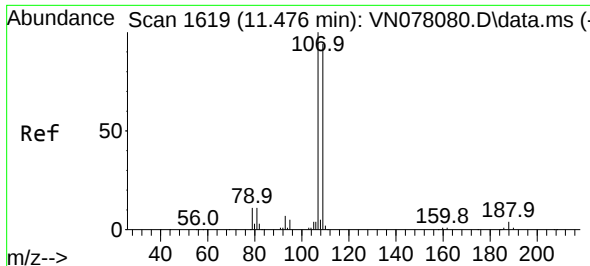
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#60
Dibromochloromethane
Concen: 57.656 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

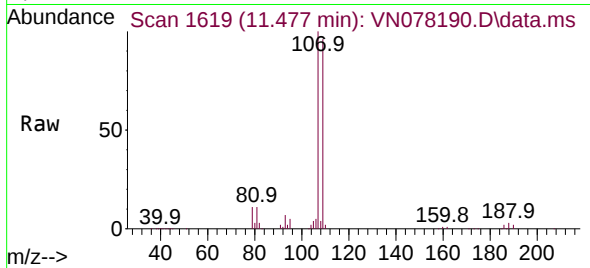
Tgt Ion:129 Resp: 338660
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 55.063 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

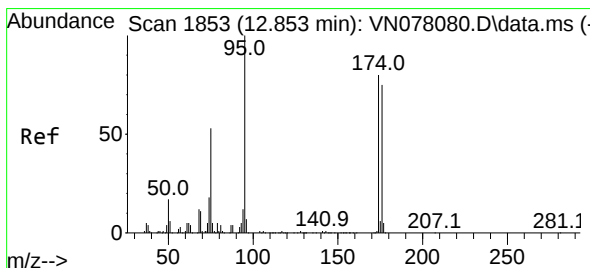
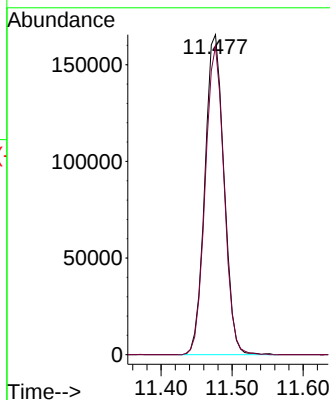
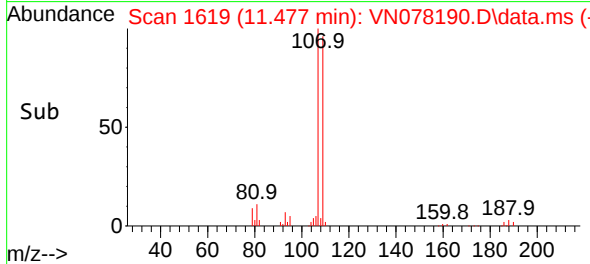
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



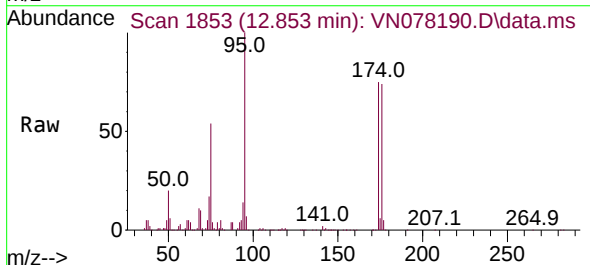
Tgt Ion:107 Resp: 310175
Ion Ratio Lower Upper
107 100
109 95.0 76.6 114.8

Manual Integrations
APPROVED

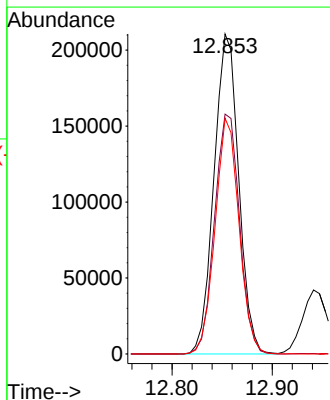
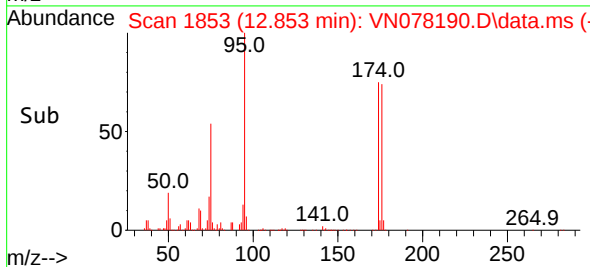
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

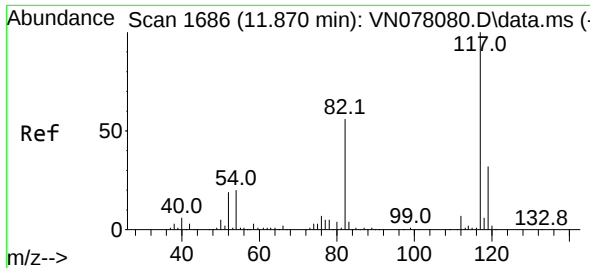


#62
4-Bromofluorobenzene
Concen: 57.242 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



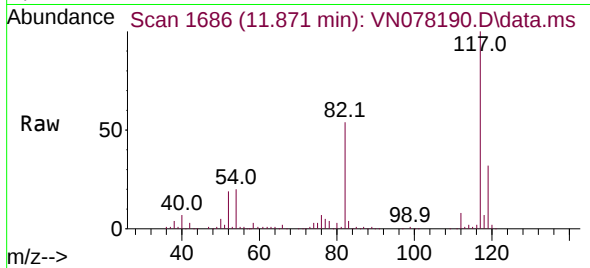
Tgt Ion: 95 Resp: 360040
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 71.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

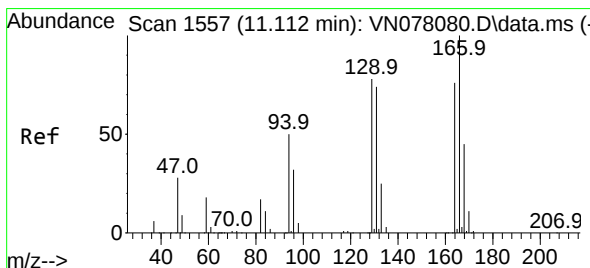
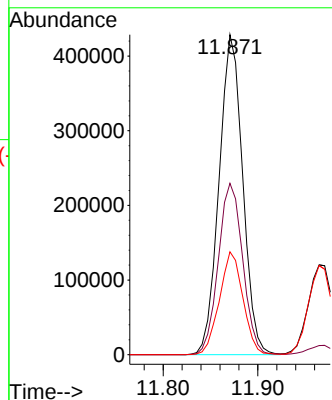
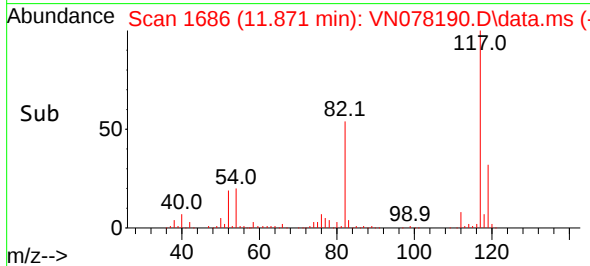
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 744134
Ion Ratio Lower Upper
117 100
82 53.6 44.0 66.0
119 32.2 25.6 38.4

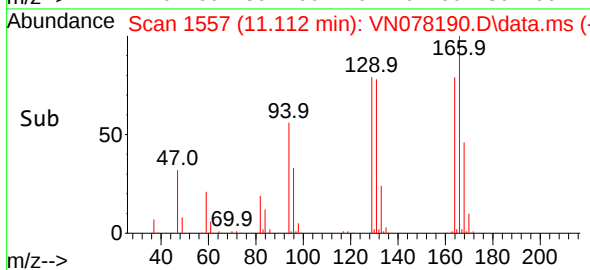
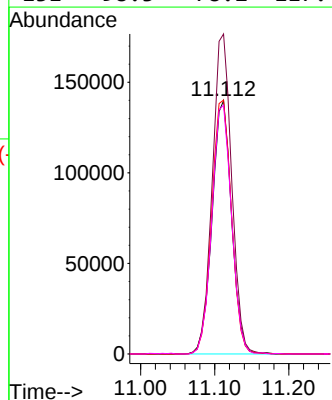
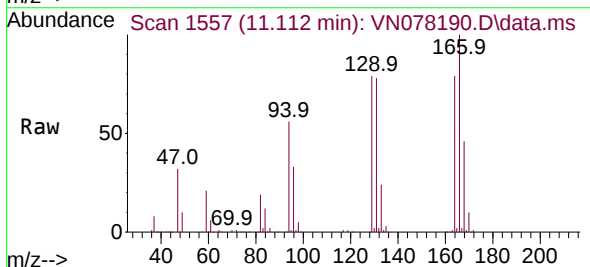
Manual Integrations
APPROVED

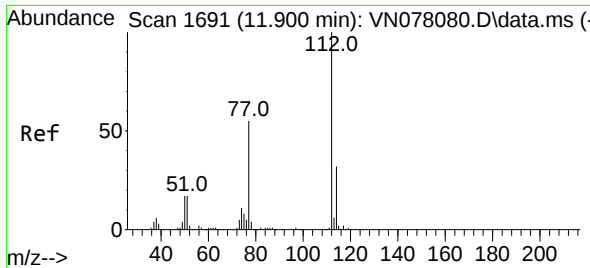
Reviewed By :John Carbone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#64
Tetrachloroethene
Concen: 51.342 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

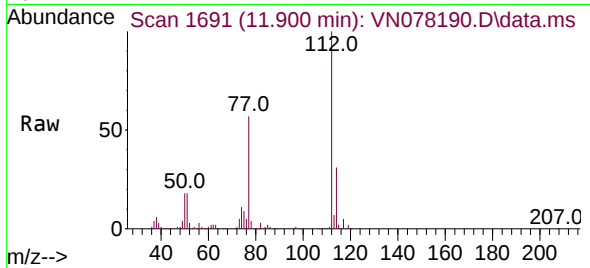
Tgt Ion:164 Resp: 254881
Ion Ratio Lower Upper
164 100
166 126.4 101.4 152.0
129 100.3 82.4 123.6
131 98.3 78.2 117.4





#65
Chlorobenzene
Concen: 51.646 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

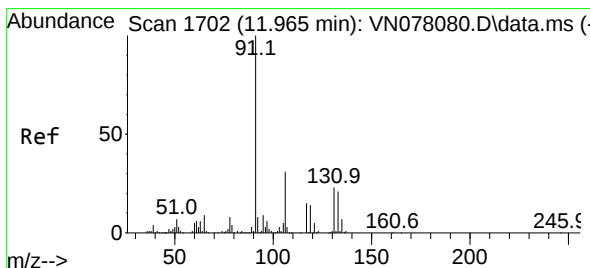
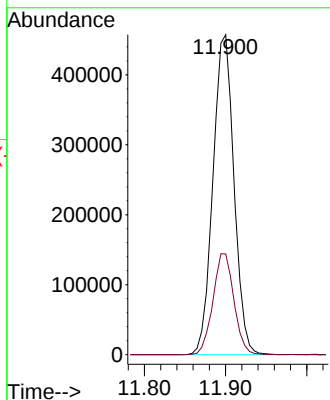
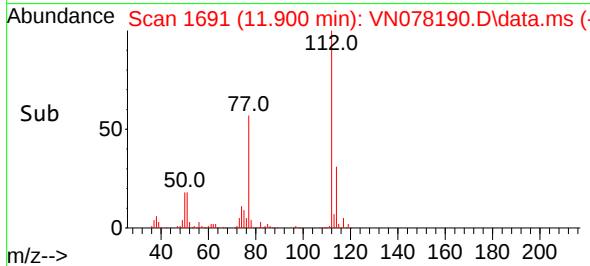
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



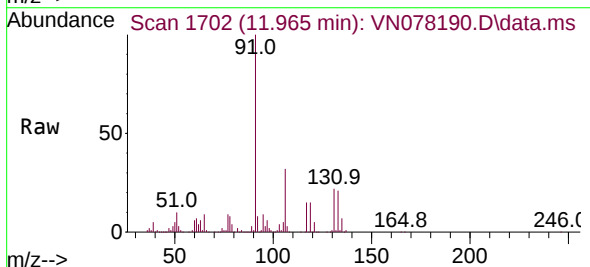
Tgt Ion:112 Resp: 82302
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4

Manual Integrations
APPROVED

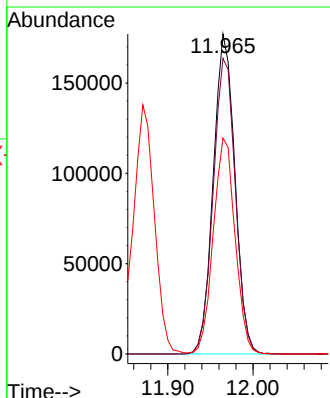
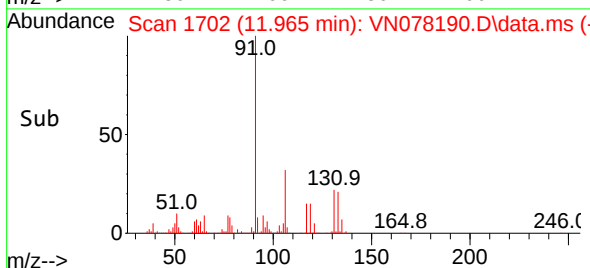
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

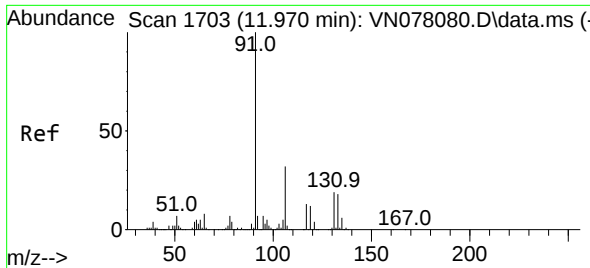


#66
1,1,1,2-Tetrachloroethane
Concen: 53.170 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



Tgt Ion:131 Resp: 311644
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 68.2 34.1 102.2





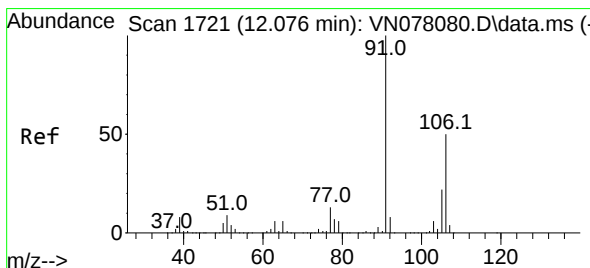
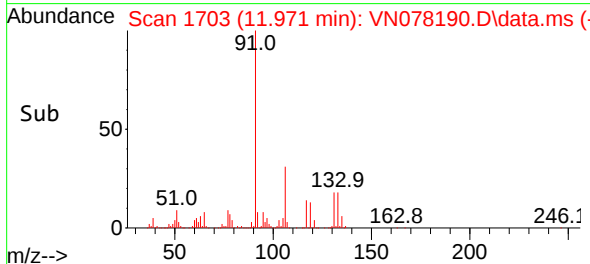
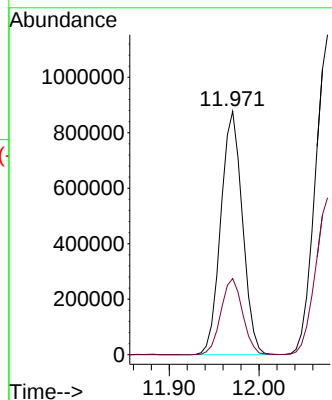
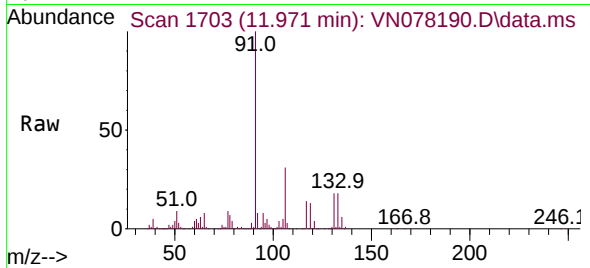
#67
Ethyl Benzene
Concen: 53.376 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1467700
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

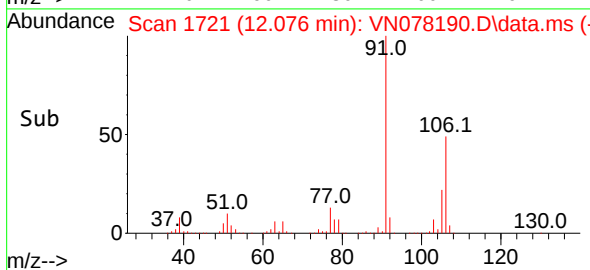
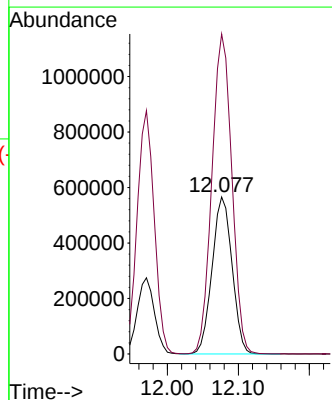
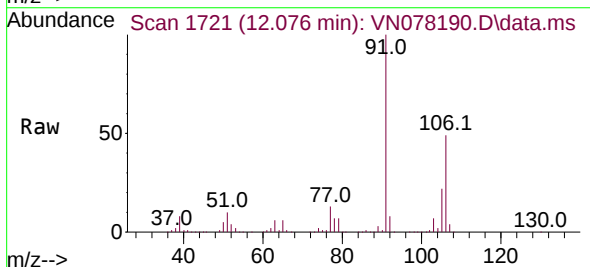
Manual Integrations
APPROVED

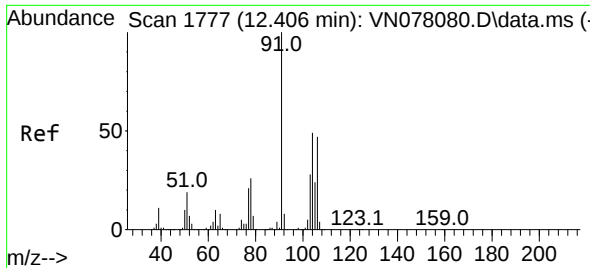
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#68
m/p-Xylenes
Concen: 105.228 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion:106 Resp: 1102718
Ion Ratio Lower Upper
106 100
91 203.4 159.6 239.4





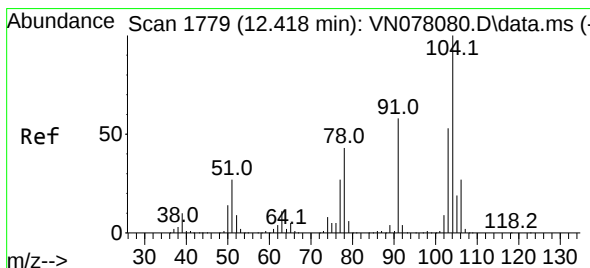
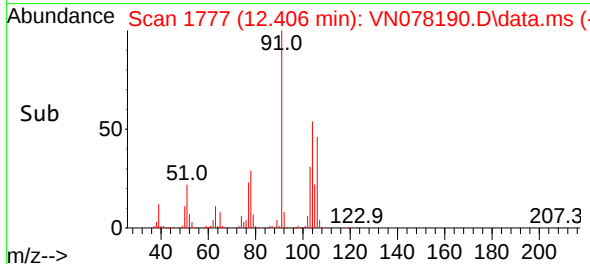
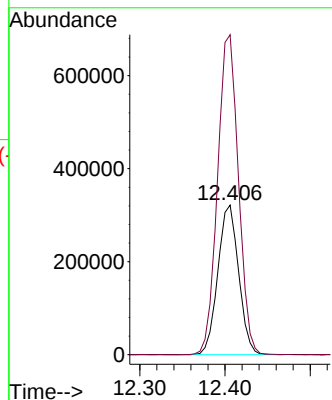
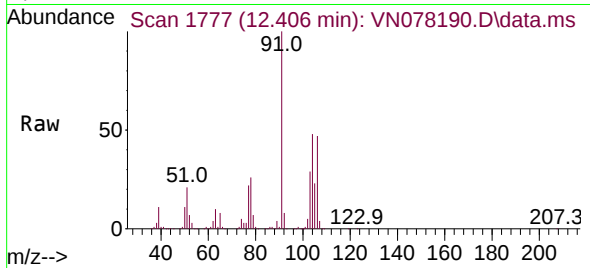
#69
o-Xylene
Concen: 52.918 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 544570
Ion Ratio Lower Upper
106 100
91 215.1 105.2 315.5

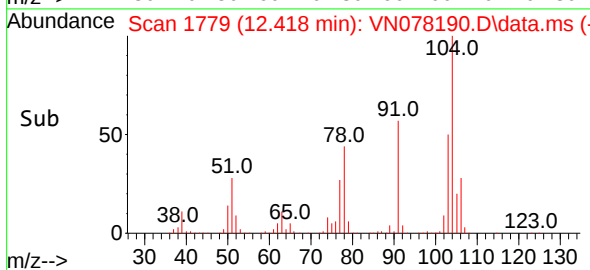
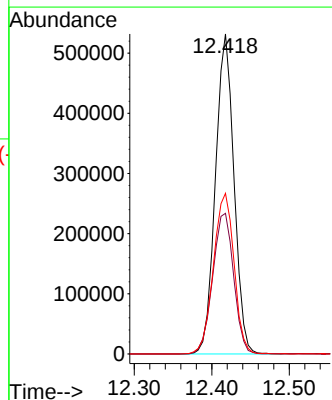
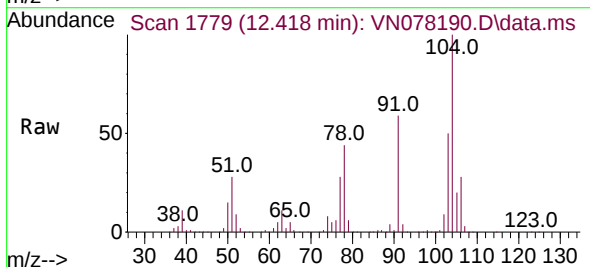
Manual Integrations
APPROVED

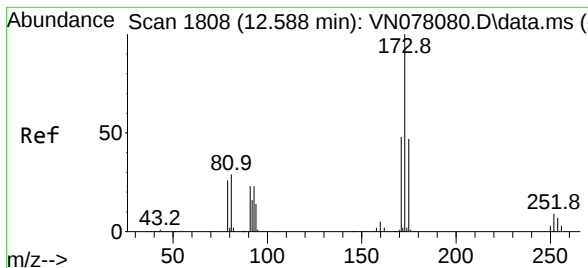
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#70
Styrene
Concen: 54.628 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

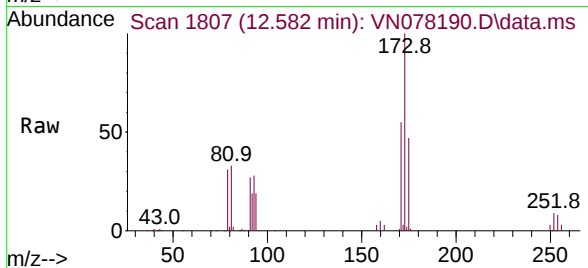
Tgt Ion:104 Resp: 885023
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 55.9 43.2 64.8





#71
Bromoform
Concen: 57.367 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

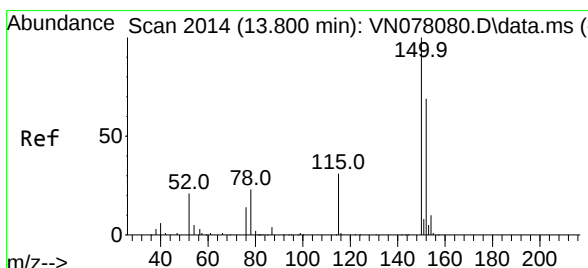
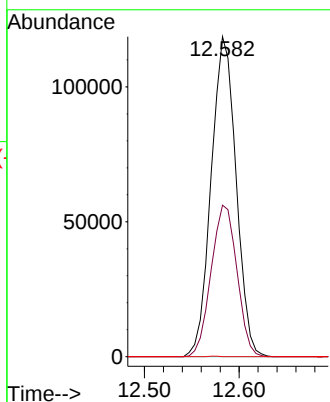
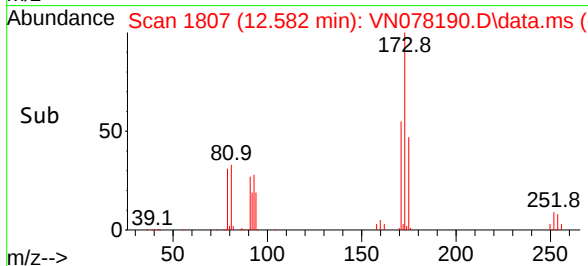
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



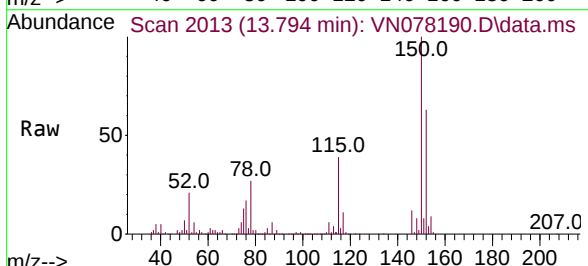
Tgt Ion:173 Resp: 216992
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

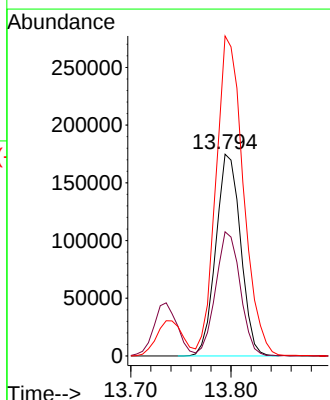
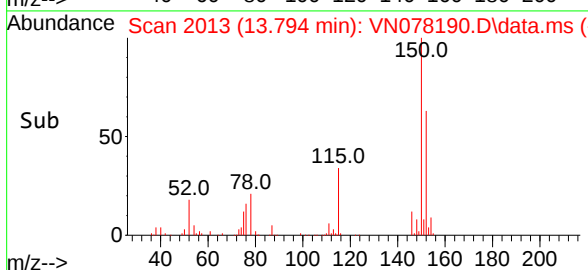
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

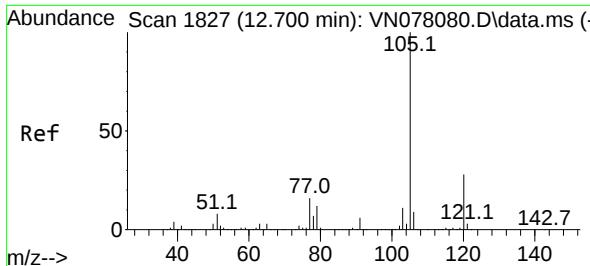


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



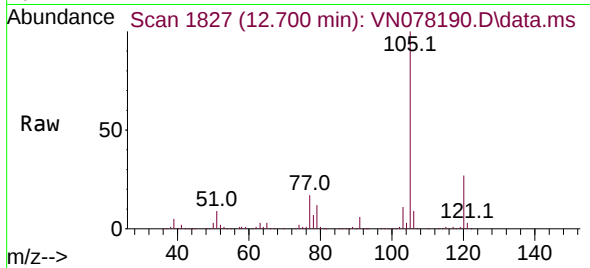
Tgt Ion:152 Resp: 299703
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 175.4 0.0 355.8





#73
Isopropylbenzene
Concen: 47.198 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

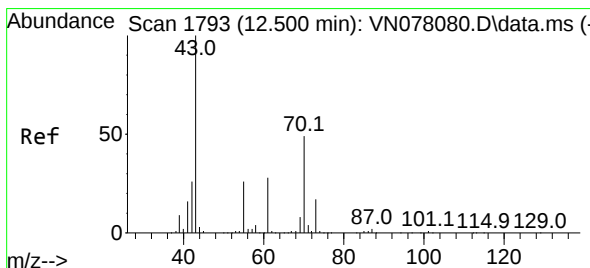
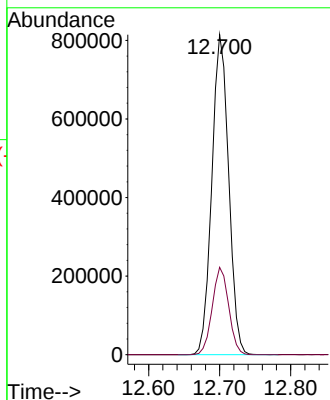
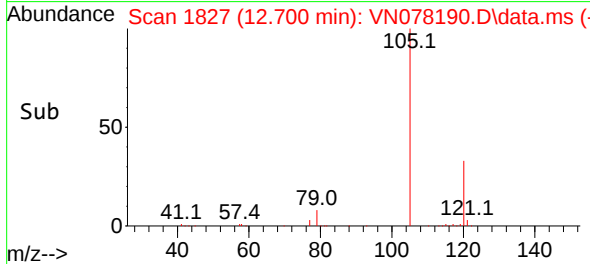
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



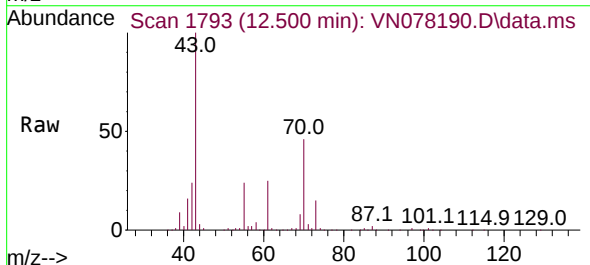
Tgt Ion:105 Resp: 1337629
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations
APPROVED

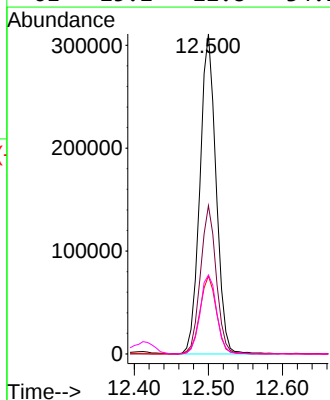
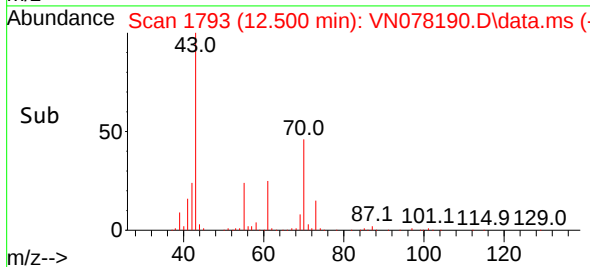
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

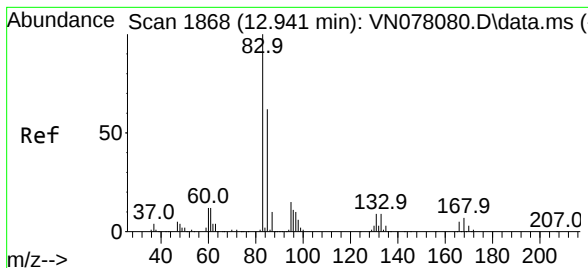


#74
N-ethyl acetate
Concen: 50.704 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



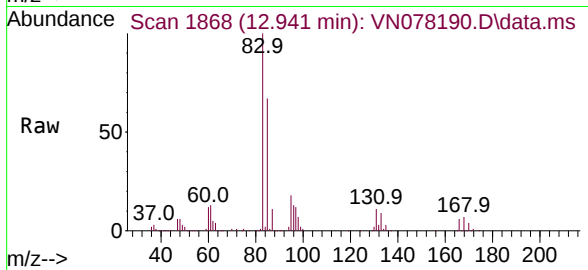
Tgt Ion: 43 Resp: 473212
Ion Ratio Lower Upper
43 100
70 45.1 43.4 65.2
55 24.9 21.4 32.0
61 25.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.476 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

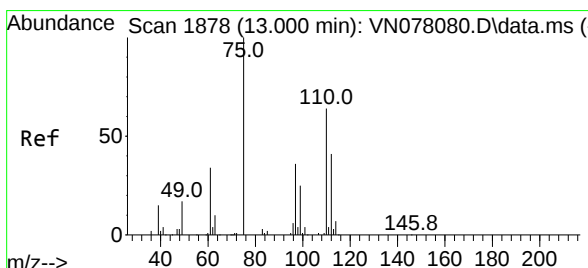
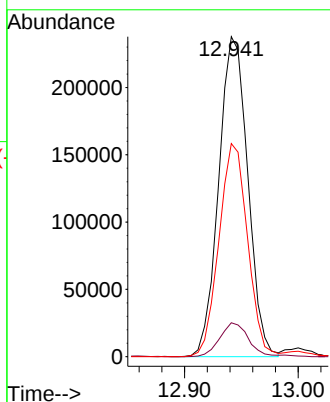
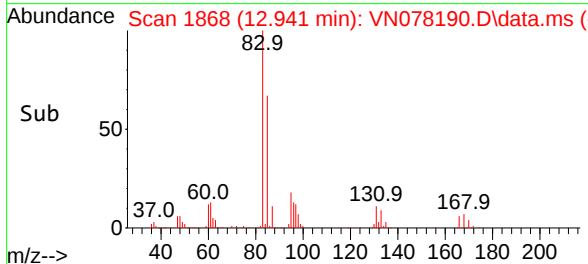
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



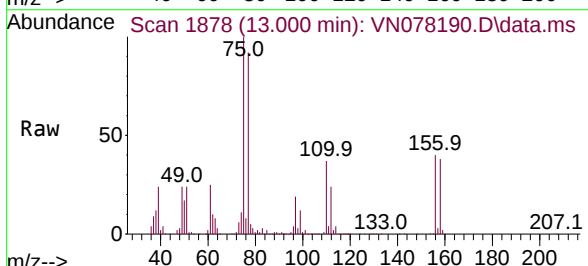
Tgt Ion: 83 Resp: 422930
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 65.6 31.9 95.7

Manual Integrations
APPROVED

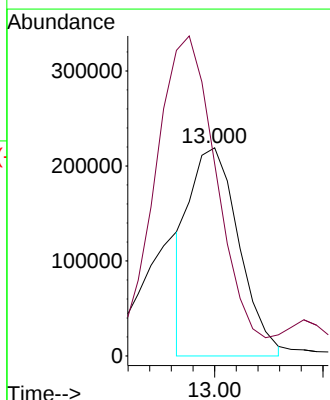
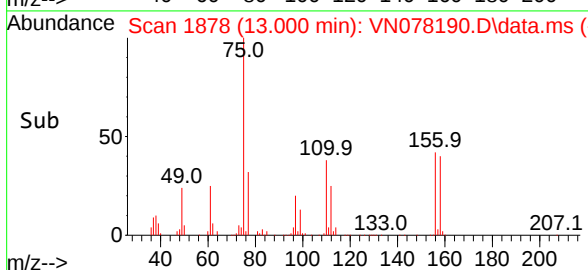
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

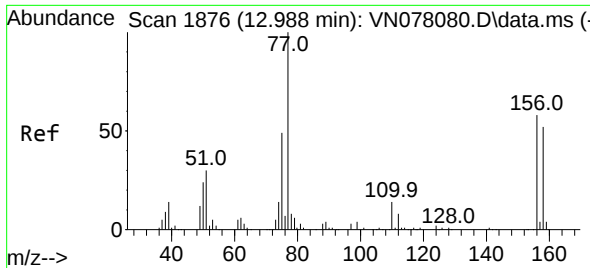


#76
1,2,3-Trichloropropane
Concen: 48.963 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



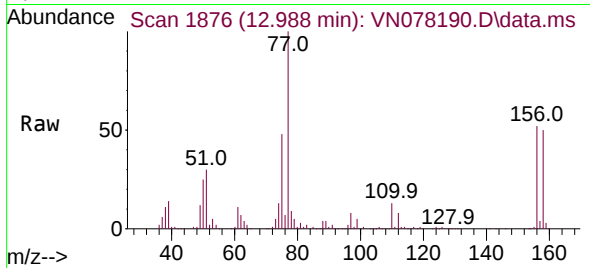
Tgt Ion: 75 Resp: 346906
Ion Ratio Lower Upper
75 100
77 195.4 84.5 253.5





#77
Bromobenzene
Concen: 48.570 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

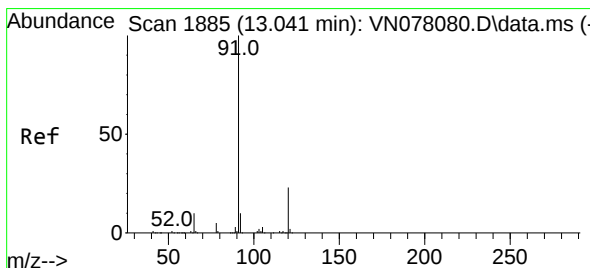
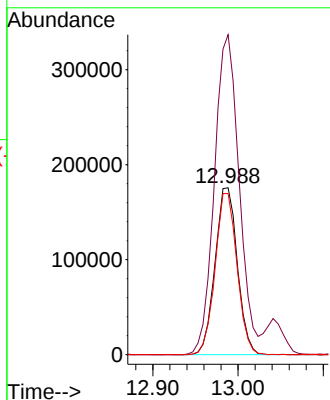
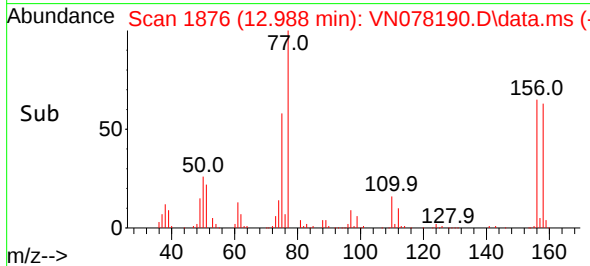
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



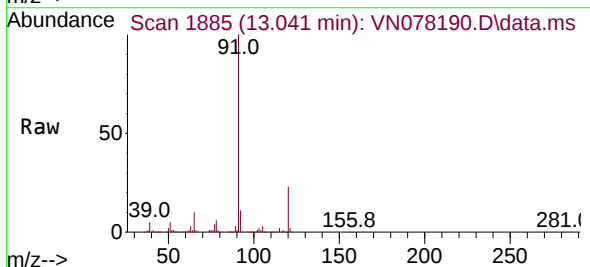
Tgt Ion:156 Resp: 319540
Ion Ratio Lower Upper
156 100
77 212.2 107.7 323.3
158 95.0 48.4 145.3

Manual Integrations
APPROVED

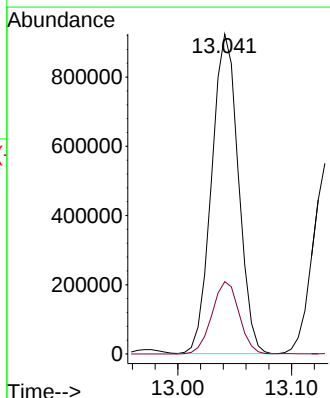
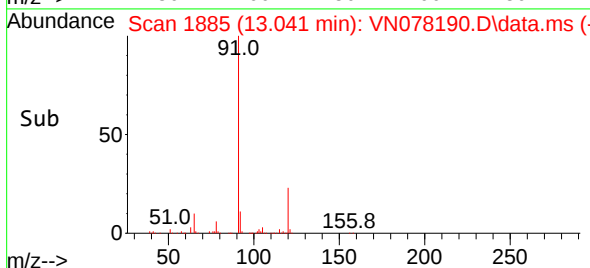
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

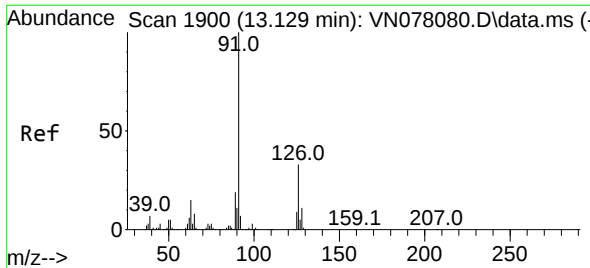


#78
n-propylbenzene
Concen: 49.070 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



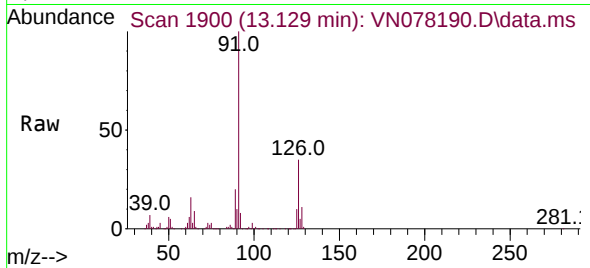
Tgt Ion: 91 Resp: 1510955
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 47.769 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

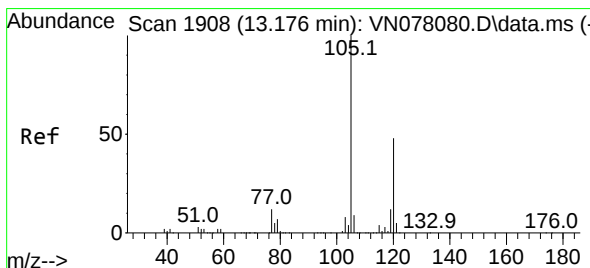
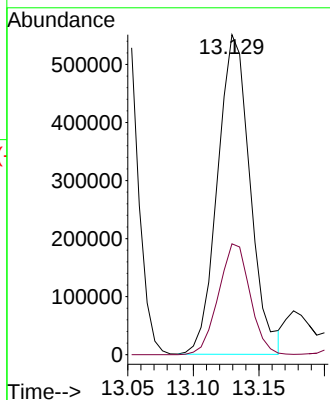
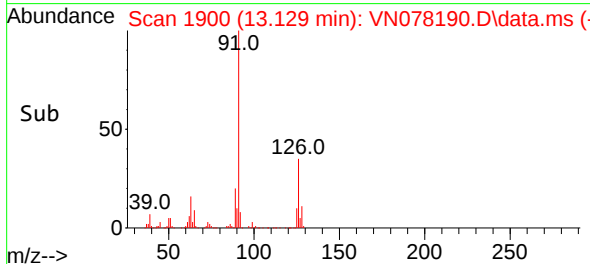
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



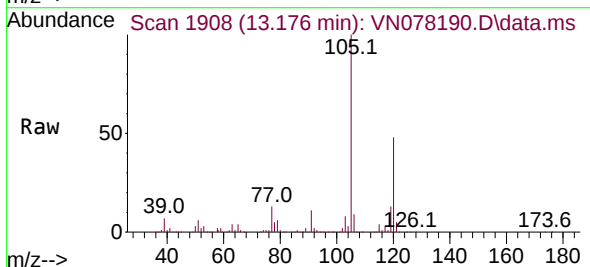
Tgt Ion: 91 Resp: 94945
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

Manual Integrations
APPROVED

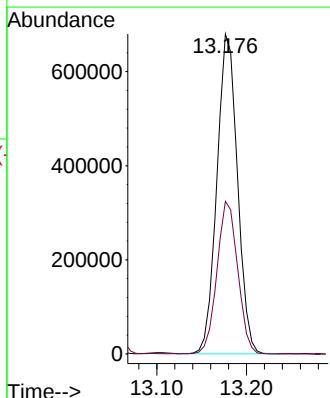
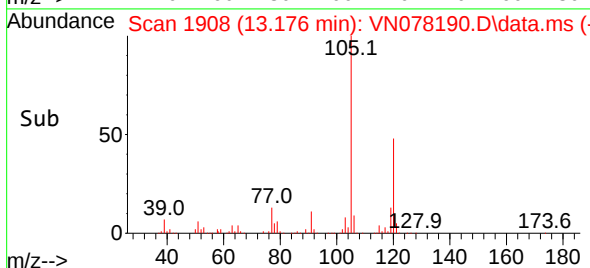
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

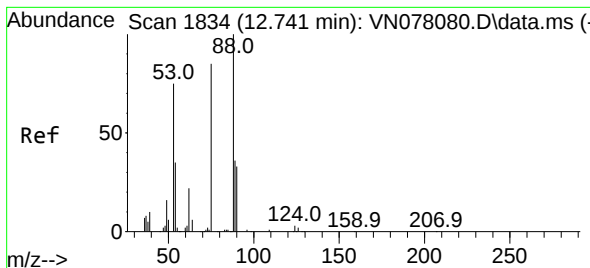


#80
1,3,5-Trimethylbenzene
Concen: 47.097 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



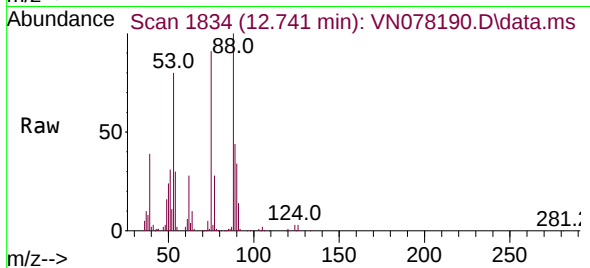
Tgt Ion:105 Resp: 1080666
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 58.578 ug/l m
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

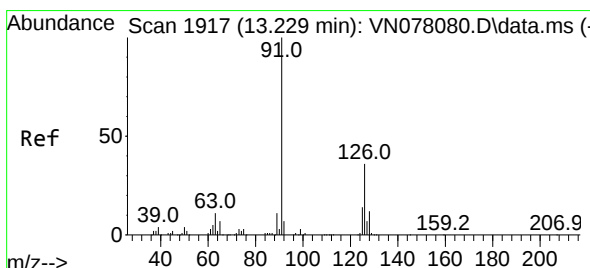
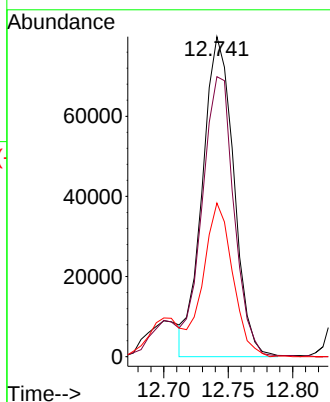
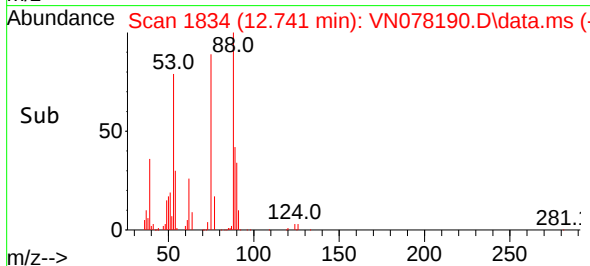
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



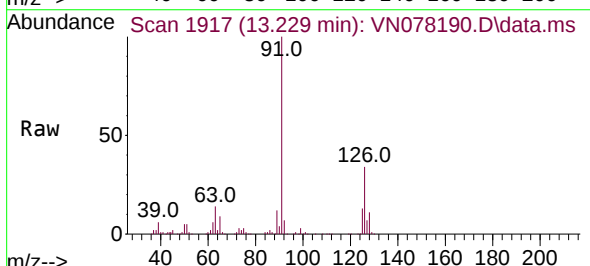
Tgt Ion: 75 Resp: 135080
Ion Ratio Lower Upper
75 100
53 99.7 67.4 101.2
89 44.3 38.8 58.2

Manual Integrations
APPROVED

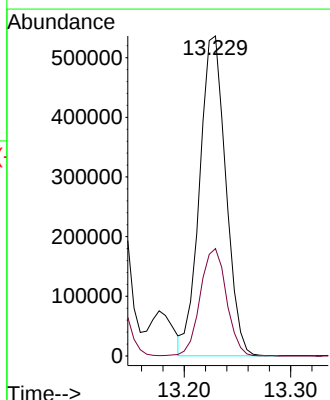
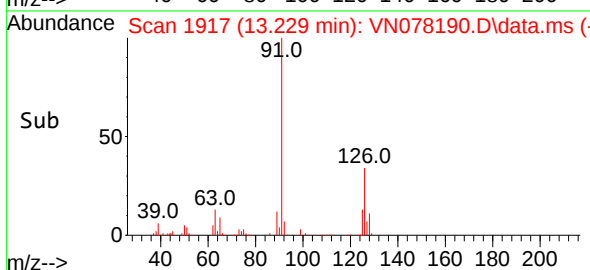
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

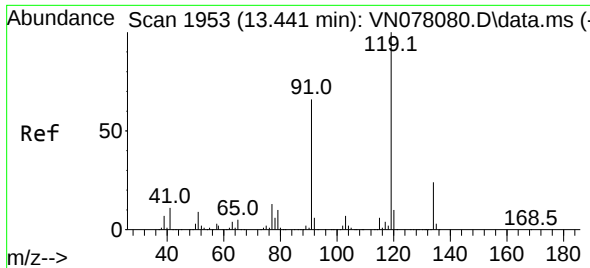


#82
4-Chlorotoluene
Concen: 49.370 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



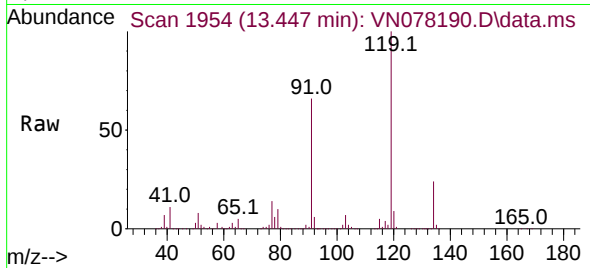
Tgt Ion: 91 Resp: 915828
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 45.168 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

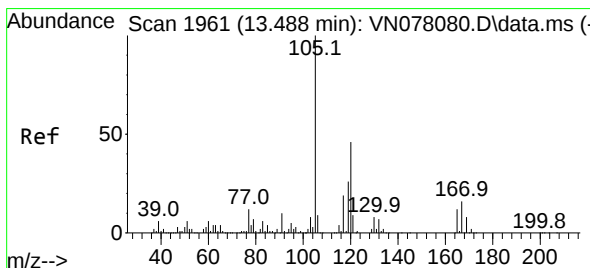
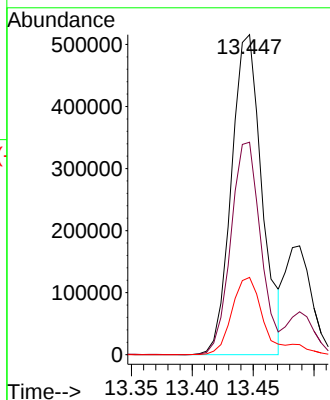
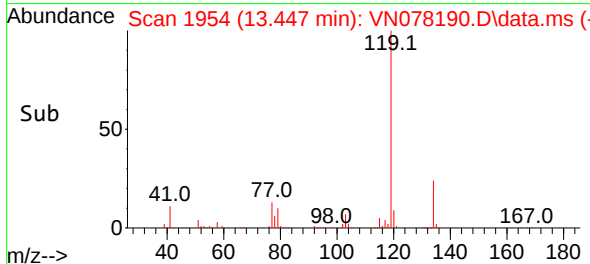
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



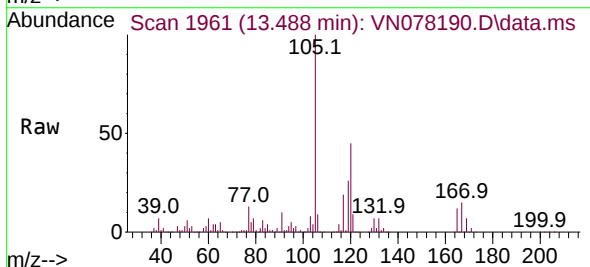
Tgt Ion:119 Resp: 900898
Ion Ratio Lower Upper
119 100
91 65.1 33.9 101.7
134 26.0 13.2 39.6

Manual Integrations
APPROVED

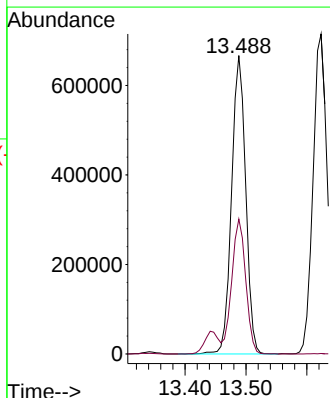
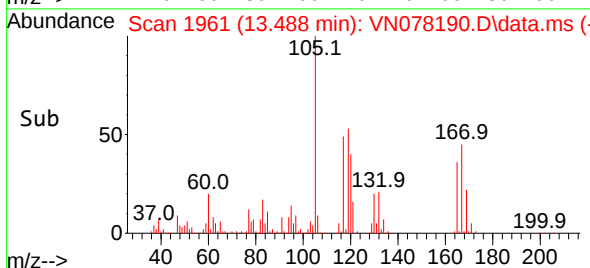
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

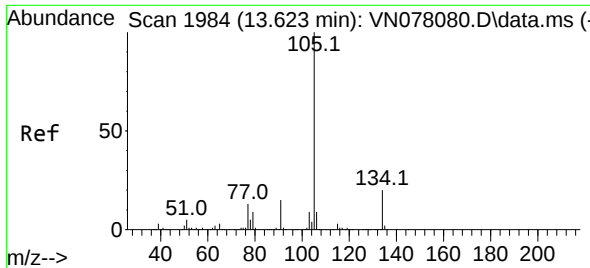


#84
1,2,4-Trimethylbenzene
Concen: 48.267 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



Tgt Ion:105 Resp: 1073741
Ion Ratio Lower Upper
105 100
120 44.9 22.0 66.0





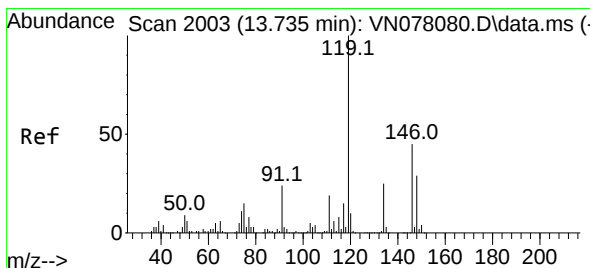
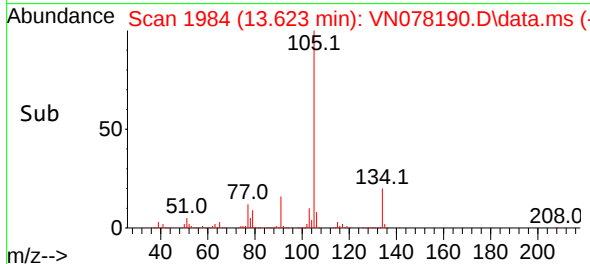
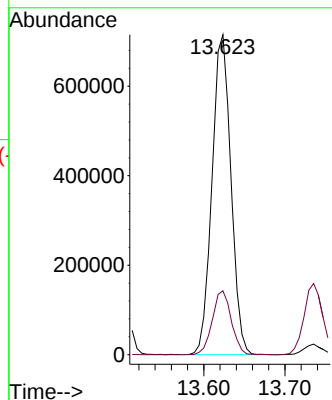
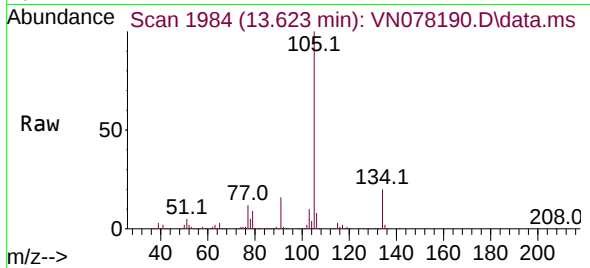
#85
 sec-Butylbenzene
 Concen: 44.279 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 115593
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

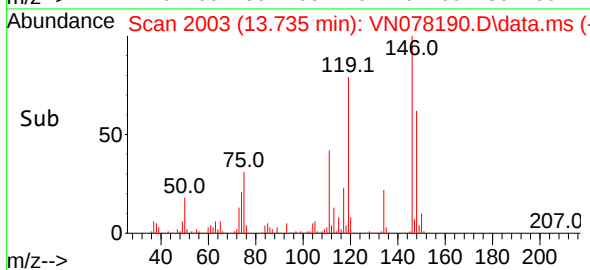
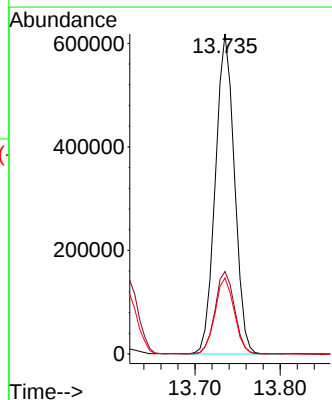
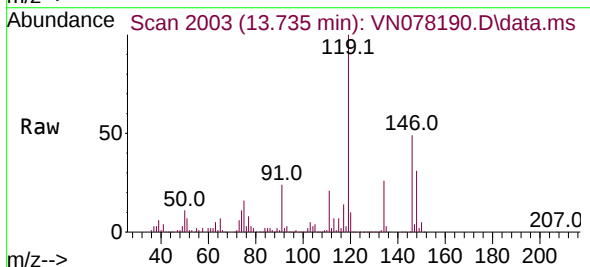
Manual Integrations
 APPROVED

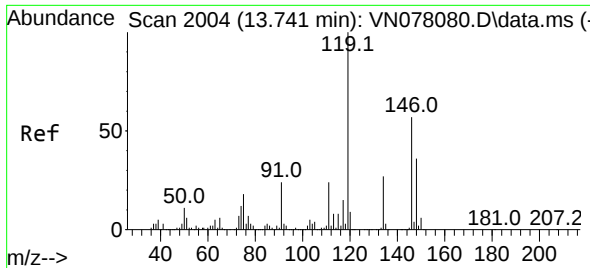
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023



#86
 p-Isopropyltoluene
 Concen: 45.317 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078190.D
 Acq: 13 Jun 2023 17:20

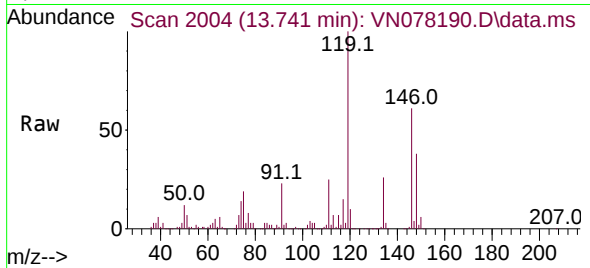
Tgt Ion:119 Resp: 960032
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 23.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 48.876 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

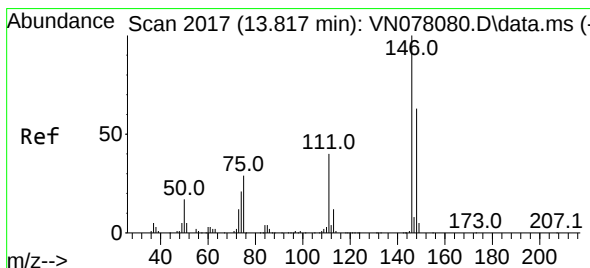
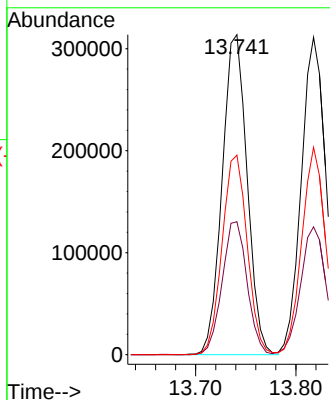
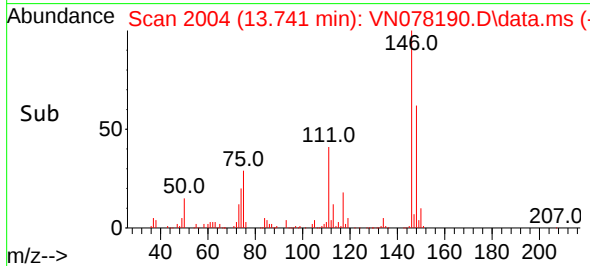
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



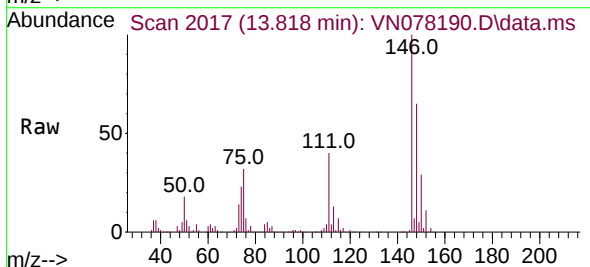
Tgt Ion:146 Resp: 543908
Ion Ratio Lower Upper
146 100
111 41.6 22.1 66.3
148 62.6 32.0 96.0

Manual Integrations
APPROVED

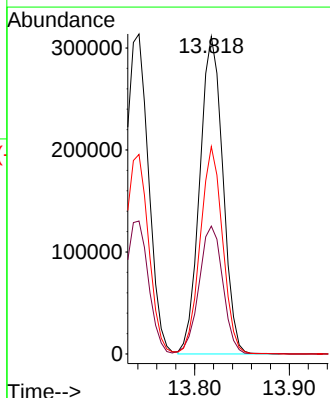
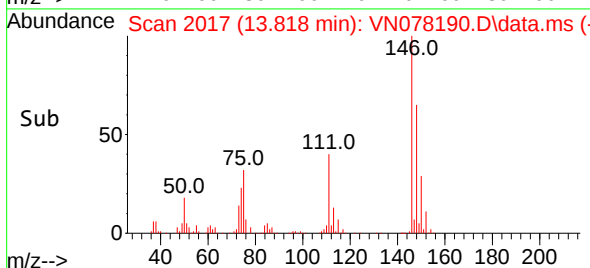
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

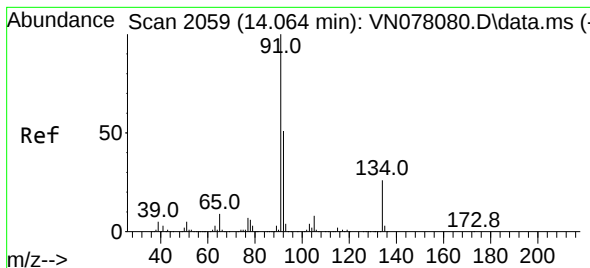


#88
1,4-Dichlorobenzene
Concen: 49.080 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



Tgt Ion:146 Resp: 527035
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.8
148 63.3 31.6 94.8





#89

n-Butylbenzene

Concen: 44.878 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

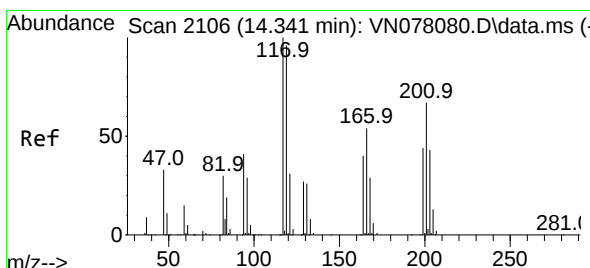
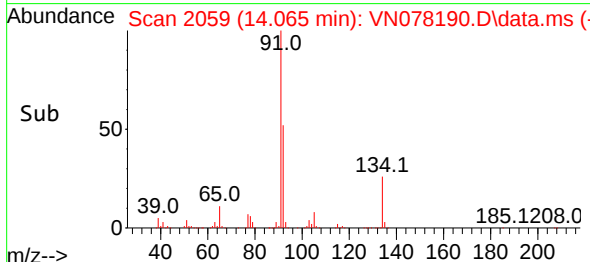
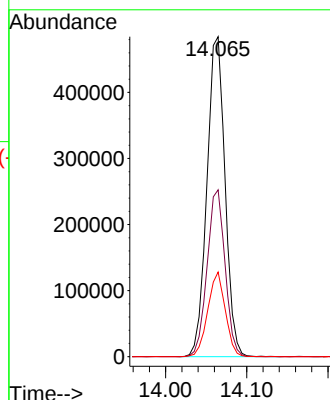
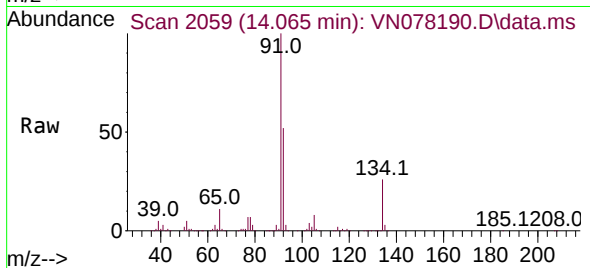
Tgt Ion:	91	Resp:	74990
Ion Ratio	Lower	Upper	
91	100		
92	51.7	26.4	79.0
134	25.6	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#90

Hexachloroethane

Concen: 47.107 ug/l

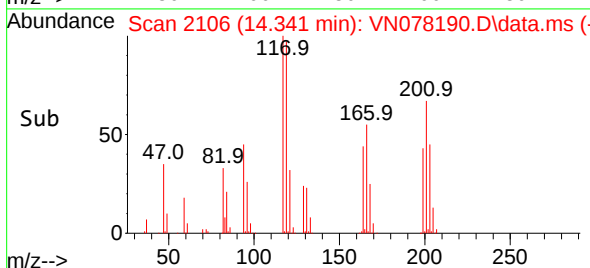
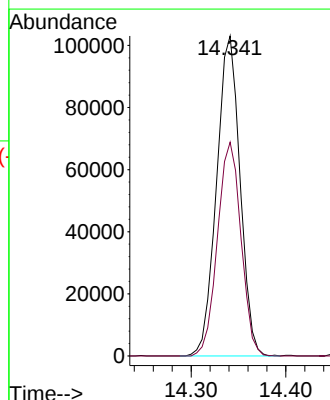
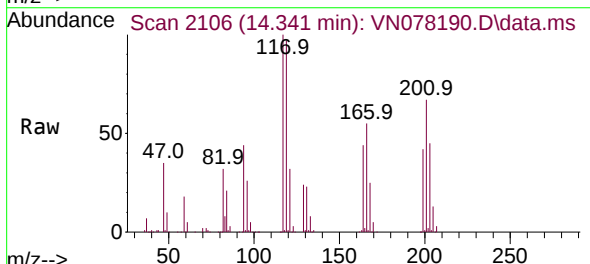
RT: 14.341 min Scan# 2106

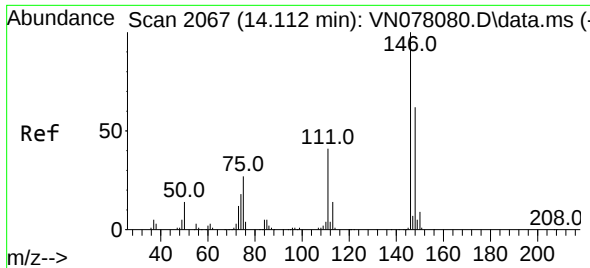
Delta R.T. 0.000 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

Tgt Ion:	117	Resp:	177102
Ion Ratio	Lower	Upper	
117	100		
201	67.0	29.3	88.0





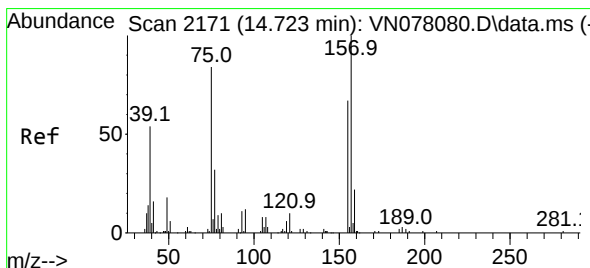
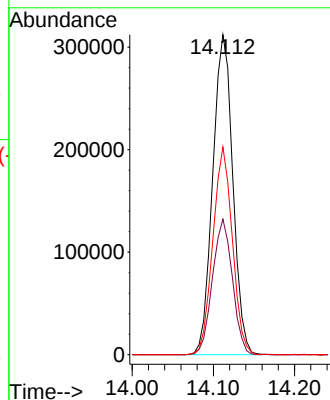
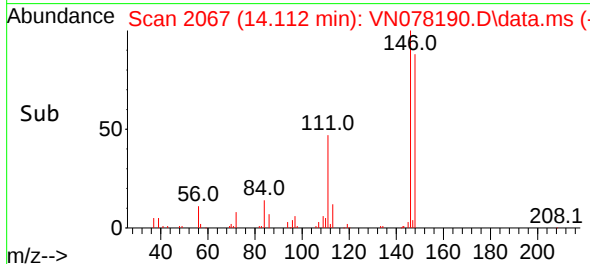
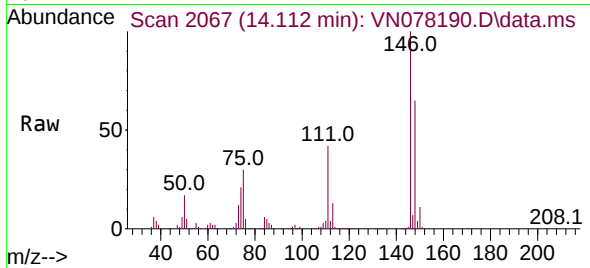
#91
1,2-Dichlorobenzene
Concen: 49.265 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 53581
Ion Ratio Lower Upper
146 100
111 42.0 22.0 66.0
148 63.1 31.8 95.3

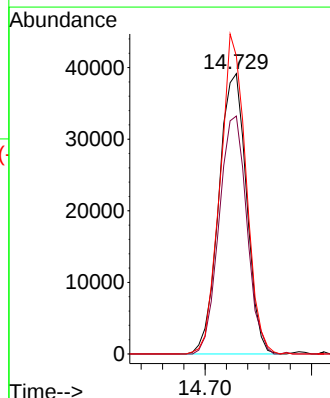
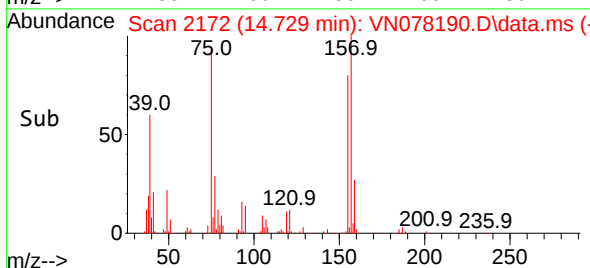
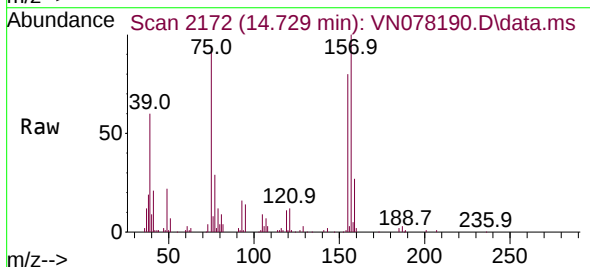
Manual Integrations
APPROVED

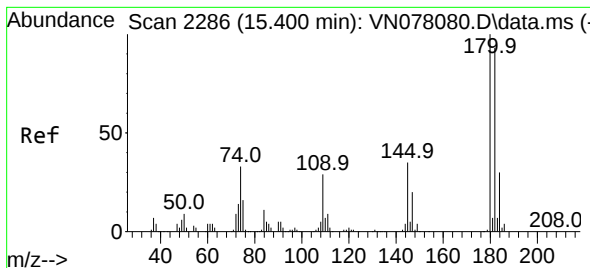
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.360 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

Tgt Ion: 75 Resp: 70694
Ion Ratio Lower Upper
75 100
155 84.6 39.1 117.2
157 106.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 49.956 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078190.D

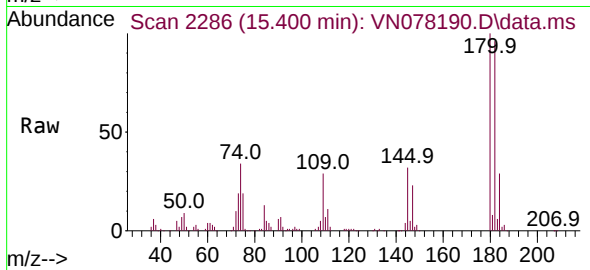
Acq: 13 Jun 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



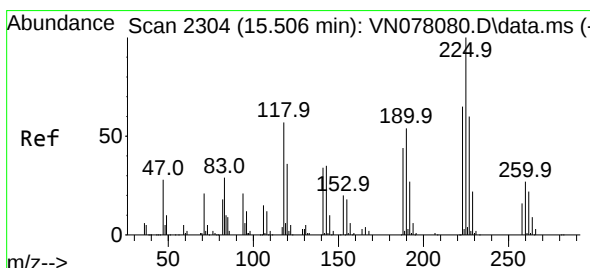
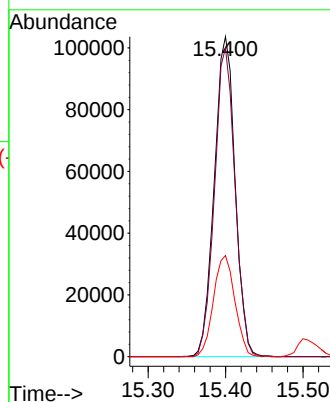
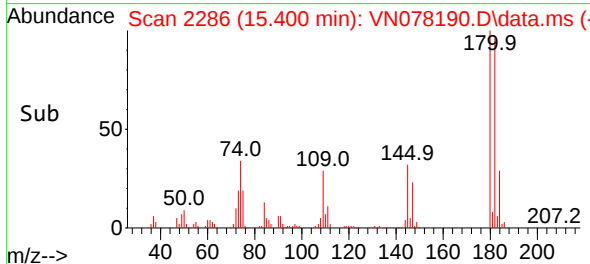
Tgt Ion:	180	Resp:	19358
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.1	138.2
145	32.5	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#94

Hexachlorobutadiene

Concen: 46.096 ug/l

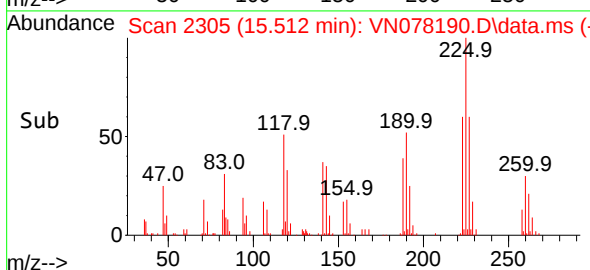
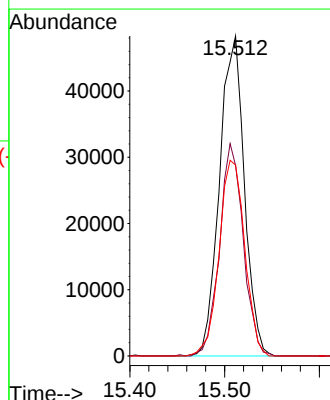
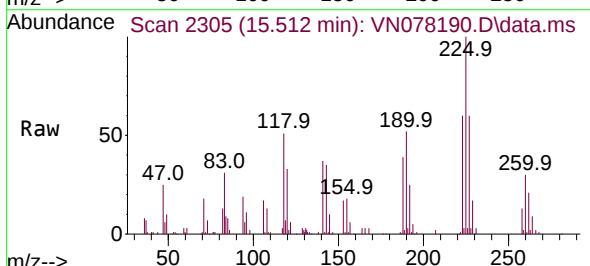
RT: 15.512 min Scan# 2305

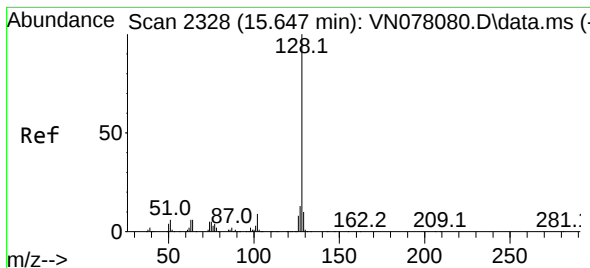
Delta R.T. 0.006 min

Lab File: VN078190.D

Acq: 13 Jun 2023 17:20

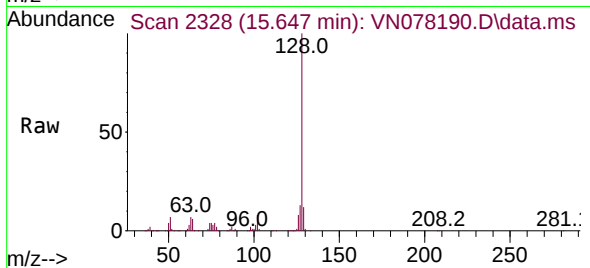
Tgt Ion:	225	Resp:	87956
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.3	93.8
227	63.1	31.9	95.9





#95
Naphthalene
Concen: 49.893 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20

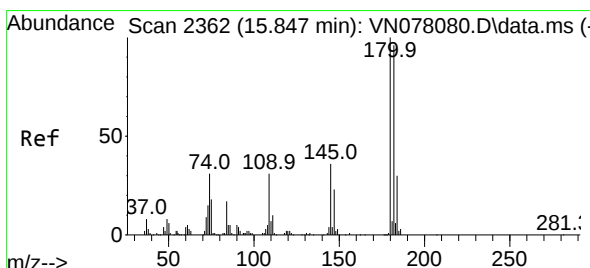
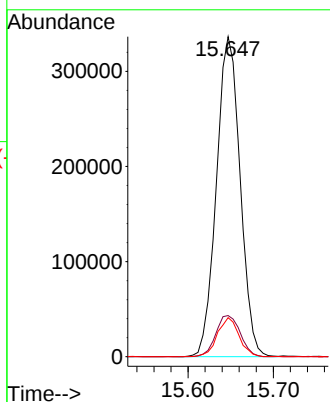
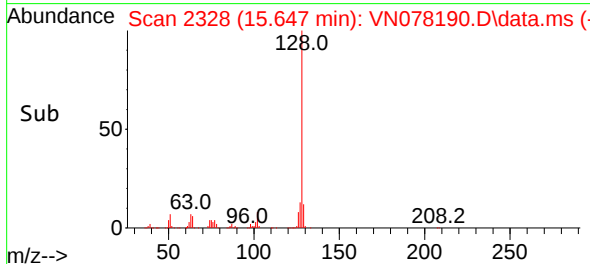
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



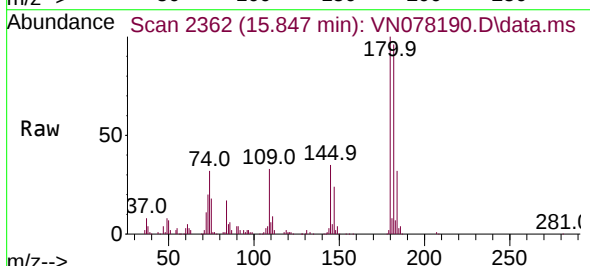
Tgt Ion:128 Resp: 650352
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.443 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078190.D
Acq: 13 Jun 2023 17:20



Tgt Ion:180 Resp: 201285
Ion Ratio Lower Upper
180 100
182 96.4 46.2 138.6
145 35.3 17.5 52.6

