

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012022\
 Data File : VN070721.D
 Acq On : 20 Jan 2022 15:38
 Operator : JC/MD
 Sample : VN0120WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 02:14:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	763044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1254767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1143391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	473316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	582202	53.239	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.480%			
35) Dibromofluoromethane	8.021	113	411674	52.892	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.780%			
50) Toluene-d8	10.441	98	1709370	52.132	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.260%			
62) 4-Bromofluorobenzene	12.731	95	591626	50.634	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	164816	18.692	ug/l	98
3) Chloromethane	2.303	50	227210	17.629	ug/l	98
4) Vinyl Chloride	2.448	62	220696	18.004	ug/l	96
5) Bromomethane	2.859	94	141035	22.090	ug/l	97
6) Chloroethane	3.022	64	143126	18.710	ug/l	97
7) Trichlorofluoromethane	3.379	101	286546	20.462	ug/l	97
8) Diethyl Ether	3.827	74	135071	22.081	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	180822	21.365	ug/l	96
10) Methyl Iodide	4.422	142	248809	22.797	ug/l	97
11) Tert butyl alcohol	5.382	59	202564	102.672	ug/l	97
12) 1,1-Dichloroethene	4.178	96	179866	21.308	ug/l	92
13) Acrolein	4.041	56	352446	124.559	ug/l	99
14) Allyl chloride	4.843	41	414204	22.520	ug/l	85
15) Acrylonitrile	5.557	53	628879	100.199	ug/l	99
16) Acetone	4.288	43	809529	106.656	ug/l	96
17) Carbon Disulfide	4.529	76	482193	21.033	ug/l	98
18) Methyl Acetate	4.857	43	340943	22.841	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	597631	19.818	ug/l	96
20) Methylene Chloride	5.093	84	222177	22.222	ug/l	88
21) trans-1,2-Dichloroethene	5.602	96	162355	19.110	ug/l	87
22) Diisopropyl ether	6.498	45	727950	19.968	ug/l	94
23) Vinyl Acetate	6.436	43	3135550	101.464	ug/l	95
24) 1,1-Dichloroethane	6.388	63	355876	19.515	ug/l	99
25) 2-Butanone	7.337	43	938741	98.288	ug/l	91
26) 2,2-Dichloropropane	7.327	77	274921	19.664	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	192922	19.116	ug/l	85
28) Bromochloromethane	7.659	49	157444	19.230	ug/l #	76
29) Tetrahydrofuran	7.686	42	608234	104.005	ug/l	87
30) Chloroform	7.818	83	347414	19.198	ug/l	100
31) Cyclohexane	8.094	56	358778	18.631	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	281811	19.910	ug/l	97
36) 1,1-Dichloropropene	8.223	75	250391	19.109	ug/l	95
37) Ethyl Acetate	7.415	43	346009	19.890	ug/l	97
38) Carbon Tetrachloride	8.206	117	230628	19.785	ug/l	98
39) Methylcyclohexane	9.459	83	301780	18.656	ug/l	87
40) Benzene	8.461	78	793910	19.554	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	178272	20.143	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	284114	20.182	ug/l	99
43) Isopropyl Acetate	8.560	43	551964	20.774	ug/l #	94
44) Trichloroethene	9.215	130	174391	18.947	ug/l	87
45) 1,2-Dichloropropane	9.488	63	214025	19.375	ug/l	99
46) Dibromomethane	9.577	93	129459	20.155	ug/l	93
47) Bromodichloromethane	9.762	83	255299	19.444	ug/l	99
48) Methyl methacrylate	9.558	41	241250	19.059	ug/l #	83
49) 1,4-Dioxane	9.572	88	84940	446.728	ug/l #	86
51) 4-Methyl-2-Pentanone	10.331	43	1761923	103.921	ug/l	98
52) Toluene	10.505	92	483477	19.907	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	280947	19.201	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	310197	19.700	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	189013	19.811	ug/l	98
56) Ethyl methacrylate	10.760	69	320596	19.157	ug/l	88
57) 1,3-Dichloropropane	11.044	76	337446	19.979	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	369269	94.644	ug/l	90
59) 2-Hexanone	11.084	43	1302737	105.770	ug/l	96
60) Dibromochloromethane	11.237	129	179065	20.121	ug/l	99
61) 1,2-Dibromoethane	11.344	107	187731	19.598	ug/l	99
64) Tetrachloroethene	10.977	164	148978	17.771	ug/l	93
65) Chlorobenzene	11.768	112	479705	19.364	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	170106	19.940	ug/l	99
67) Ethyl Benzene	11.843	91	908790	19.787	ug/l	95
68) m/p-Xylenes	11.953	106	666755	39.905	ug/l	92
69) o-Xylene	12.280	106	328048	19.784	ug/l	90
70) Styrene	12.294	104	532399	20.070	ug/l	95
71) Bromoform	12.457	173	128831	19.993	ug/l #	99
73) Isopropylbenzene	12.578	105	856843	19.135	ug/l	98
74) N-amyl acetate	12.388	43	365966	19.989	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.825	83	303083	20.042	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	264225m	21.048	ug/l	
77) Bromobenzene	12.860	156	193571	19.281	ug/l	75
78) n-propylbenzene	12.919	91	973200	19.434	ug/l	95
79) 2-Chlorotoluene	13.007	91	609147	19.229	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	711640	19.653	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.624	75	82165	19.499	ug/l	98
82) 4-Chlorotoluene	13.104	91	573100	19.363	ug/l	91
83) tert-Butylbenzene	13.324	119	600842	19.062	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	692980	19.909	ug/l	97
85) sec-Butylbenzene	13.501	105	833348	19.447	ug/l	96
86) p-Isopropyltoluene	13.616	119	656064	19.489	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	326548	19.553	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	315823	19.002	ug/l	95
89) n-Butylbenzene	13.943	91	514720	18.534	ug/l	97
90) Hexachloroethane	14.209	117	113465	19.282	ug/l	93
91) 1,2-Dichlorobenzene	13.989	146	319204	19.345	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	51352	20.018	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	144726	18.842	ug/l	97
94) Hexachlorobutadiene	15.370	225	98558	20.168	ug/l	99
95) Naphthalene	15.504	128	361555	18.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	139100	18.787	ug/l	99

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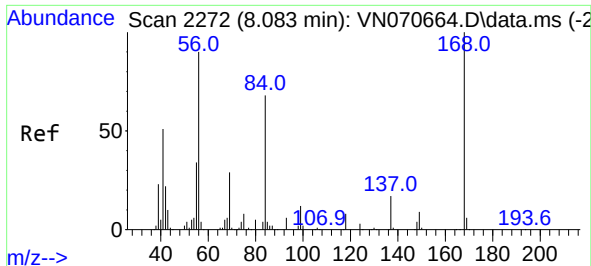
Manual Integrations
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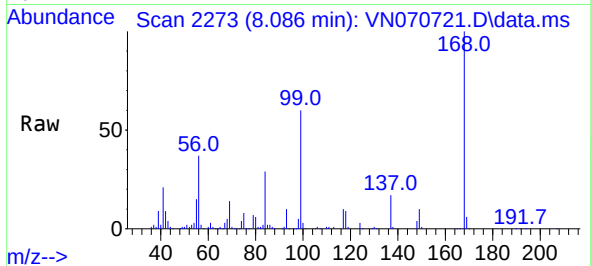
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
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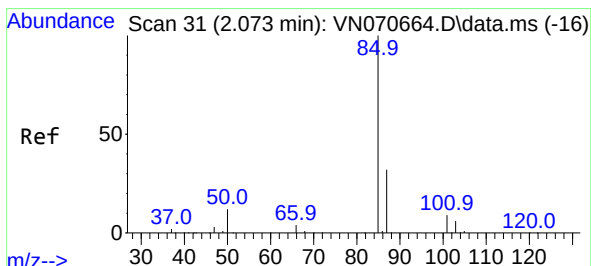
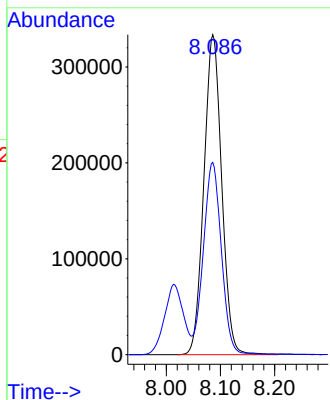
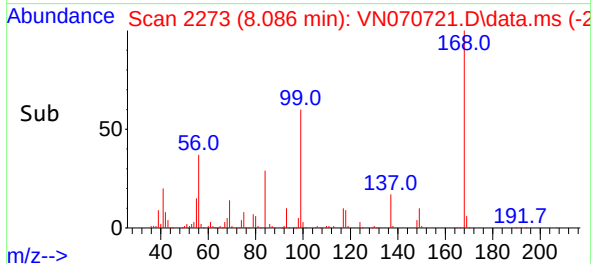
Instrument :
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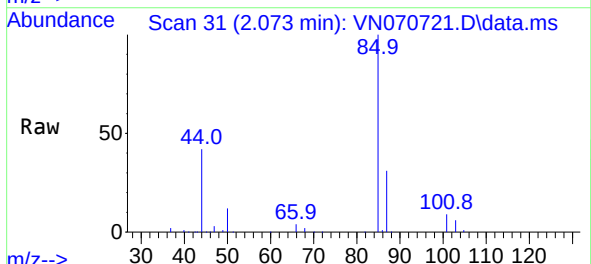
Tgt Ion:168 Resp: 763044
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9

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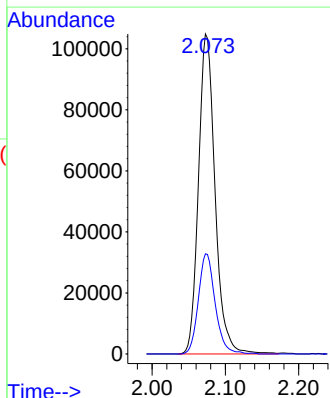
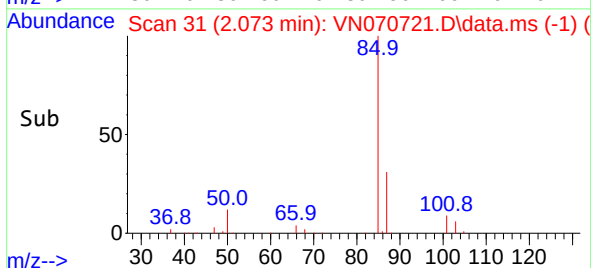
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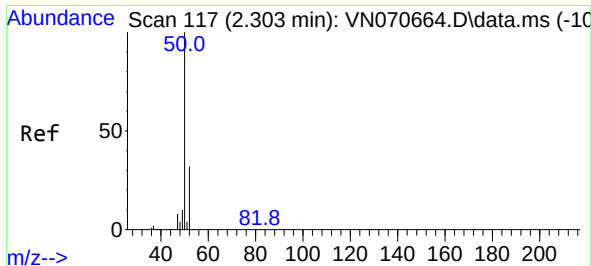


#2
Dichlorodifluoromethane
Concen: 18.692 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



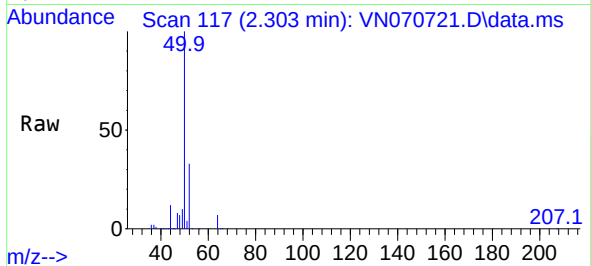
Tgt Ion: 85 Resp: 164816
Ion Ratio Lower Upper
85 100
87 31.3 16.3 48.9





#3
Chloromethane
Concen: 17.629 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

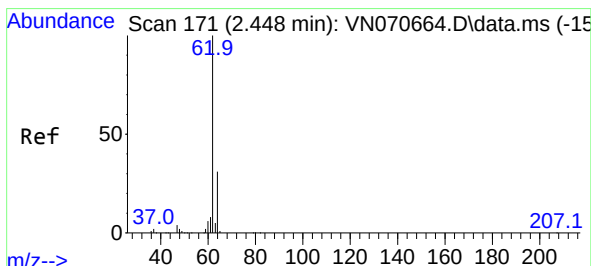
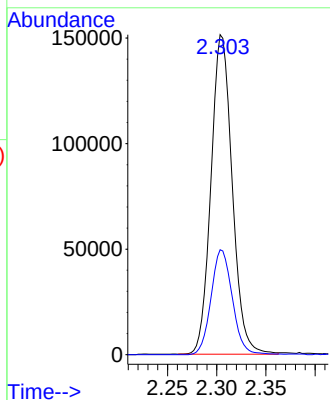
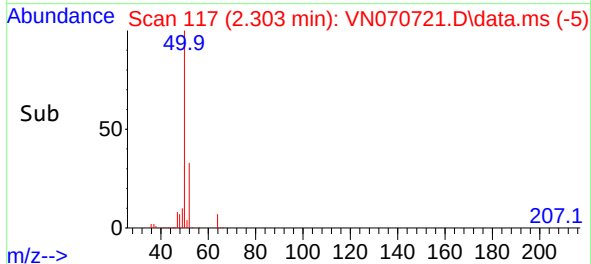
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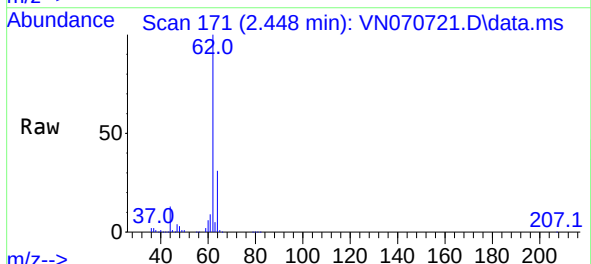
Tgt Ion: 50 Resp: 227210
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.0

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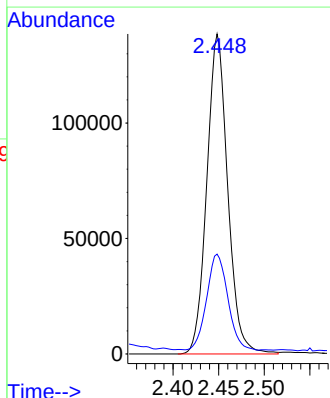
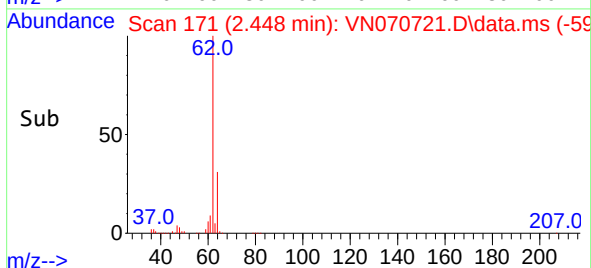
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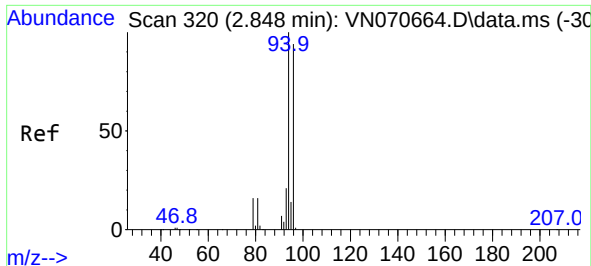


#4
Vinyl Chloride
Concen: 18.004 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070721.D
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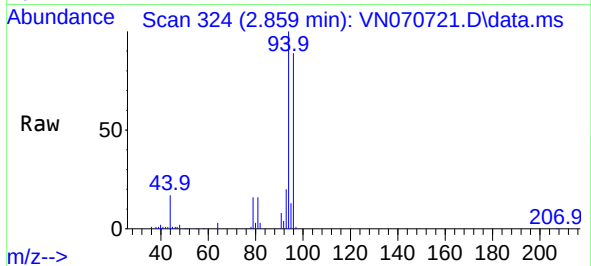
Tgt Ion: 62 Resp: 220696
Ion Ratio Lower Upper
62 100
64 29.9 25.8 38.6





#5
Bromomethane
Concen: 22.090 ug/l
RT: 2.859 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

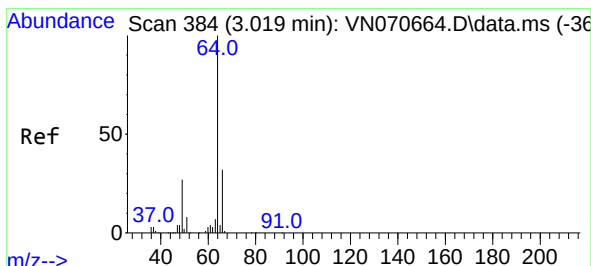
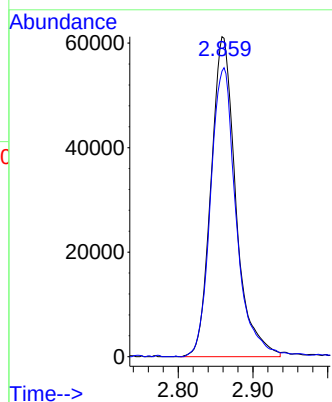
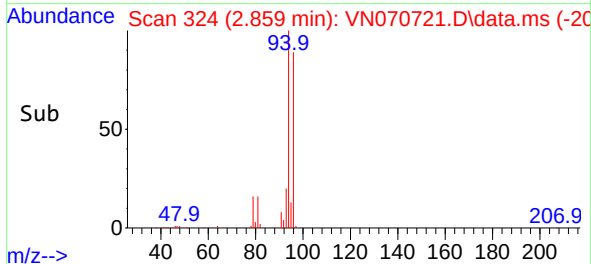
Instrument :
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Tgt Ion: 94 Resp: 141035
Ion Ratio Lower Upper
94 100
96 89.2 73.8 110.8

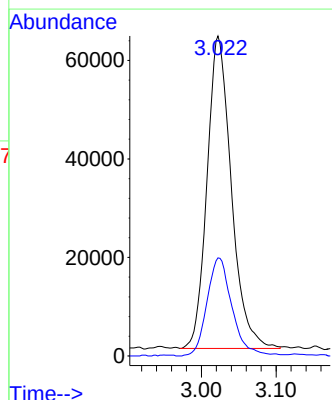
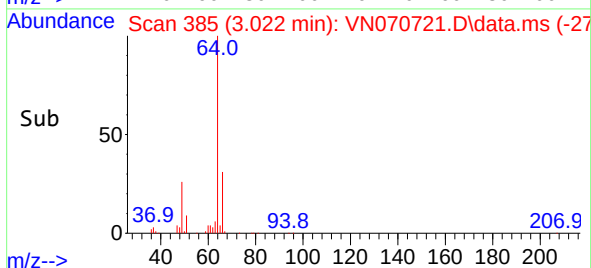
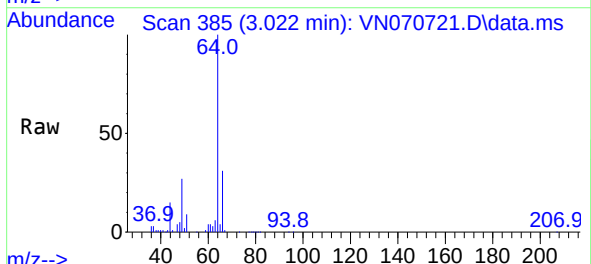
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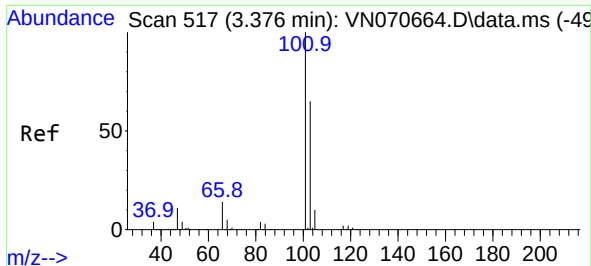
Reviewed By :John Carlone 01/21/2022
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#6
Chloroethane
Concen: 18.710 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Tgt Ion: 64 Resp: 143126
Ion Ratio Lower Upper
64 100
66 31.4 26.3 39.5





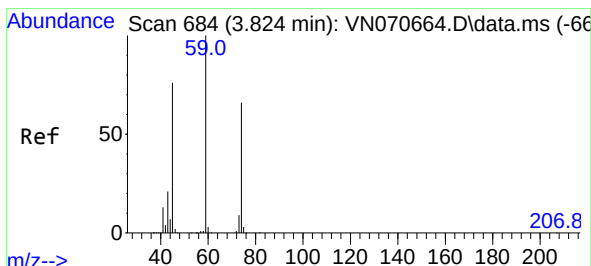
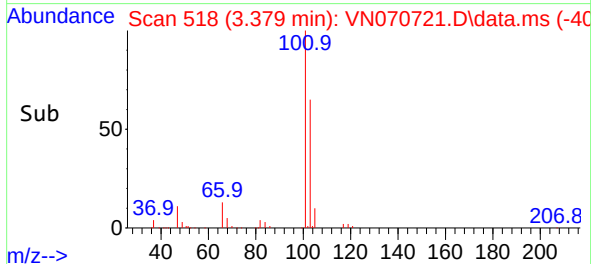
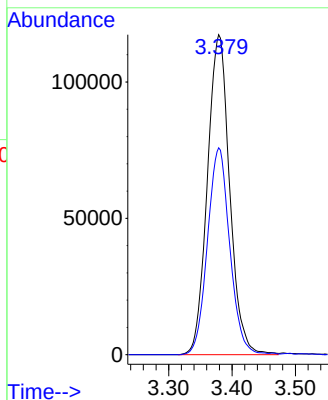
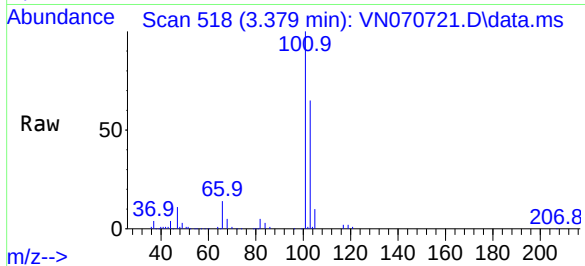
#7
 Trichlorofluoromethane
 Concen: 20.462 ug/l
 RT: 3.379 min Scan# 517
 Delta R.T. 0.003 min
 Lab File: VN070721.D
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Instrument :
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Tgt Ion:101 Resp: 286540
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.1 75.1

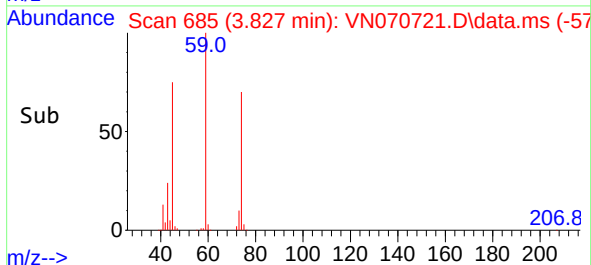
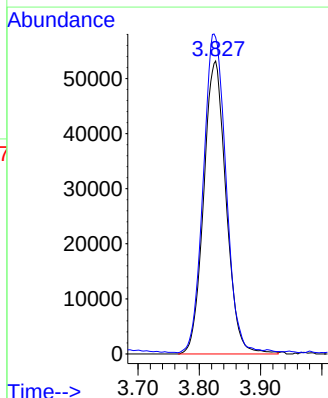
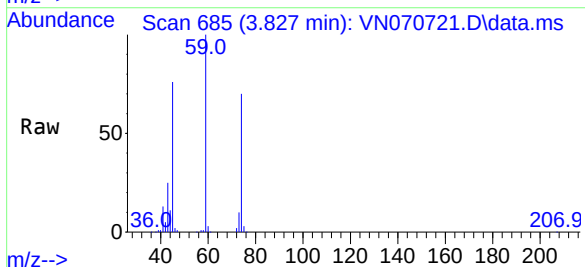
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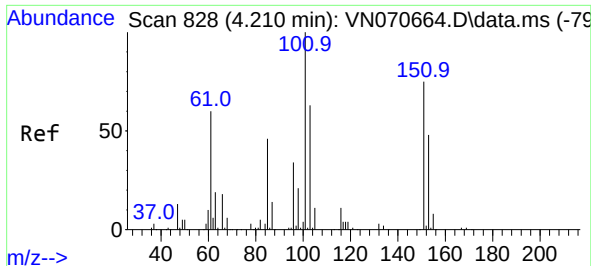
Reviewed By :John Carlone 01/21/2022
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#8
 Diethyl Ether
 Concen: 22.081 ug/l
 RT: 3.827 min Scan# 685
 Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 135071
 Ion Ratio Lower Upper
 74 100
 45 109.9 47.0 141.2





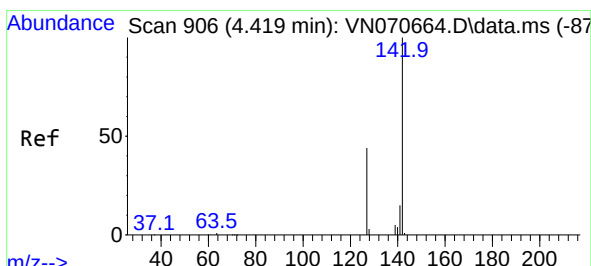
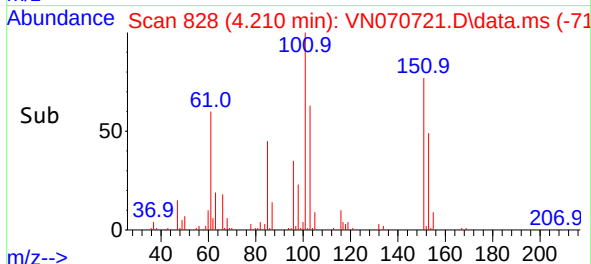
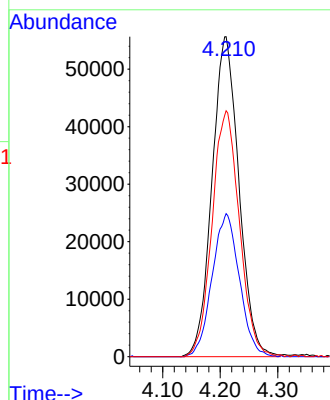
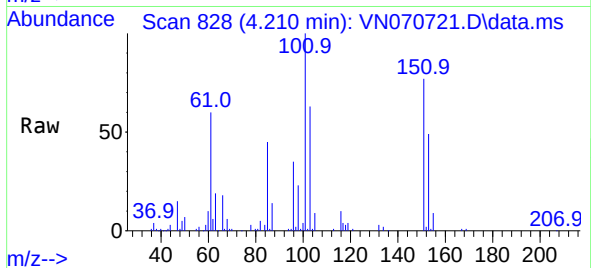
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.365 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion:101 Resp: 18082
Ion Ratio Lower Upper
101 100
85 45.4 37.2 55.8
151 78.0 65.9 98.9

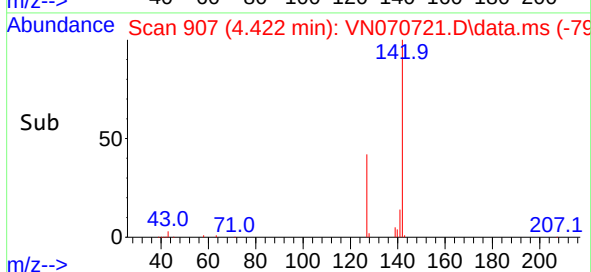
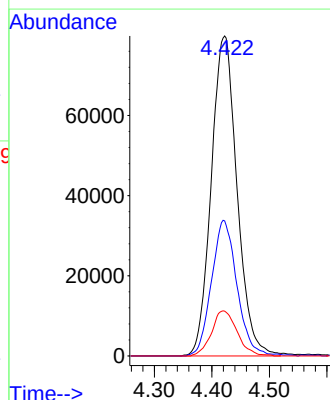
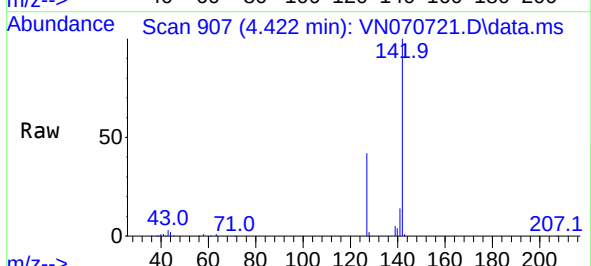
Manual Integrations
APPROVED

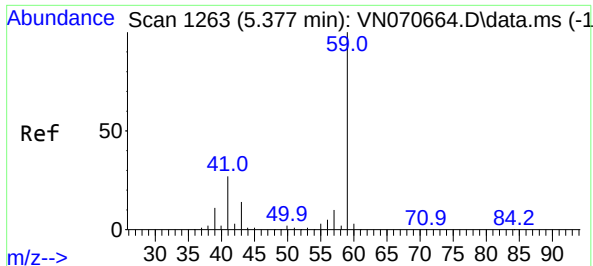
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#10
Methyl Iodide
Concen: 22.797 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

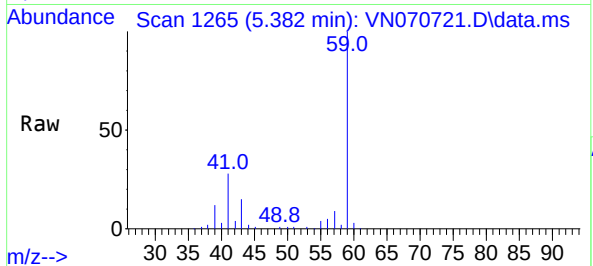
Tgt Ion:142 Resp: 248809
Ion Ratio Lower Upper
142 100
127 41.8 35.4 53.0
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 102.672 ug/l
RT: 5.382 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

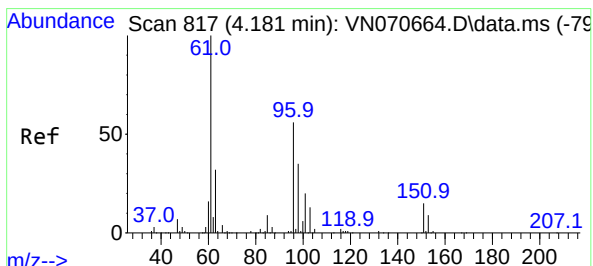
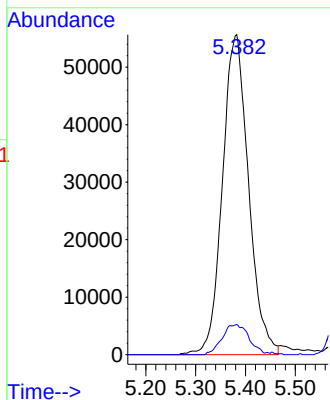
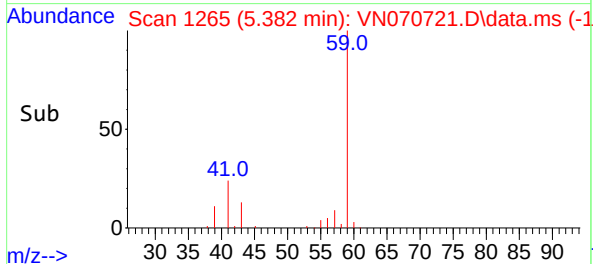
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



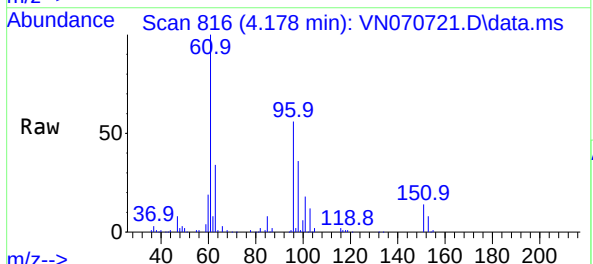
Tgt Ion: 59 Resp: 202564
Ion Ratio Lower Upper
59 100
57 9.6 8.7 13.1

Manual Integrations
APPROVED

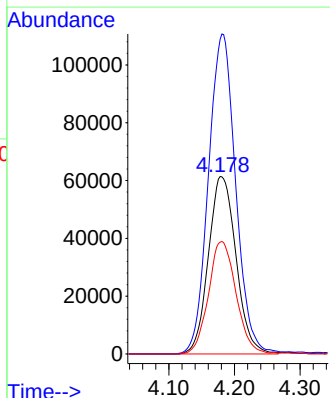
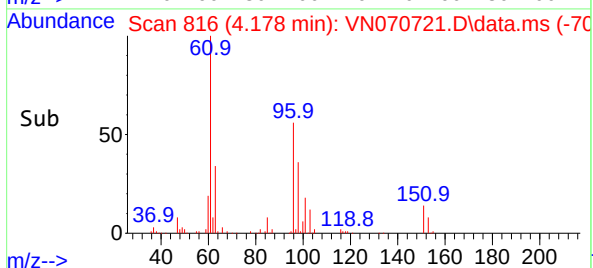
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

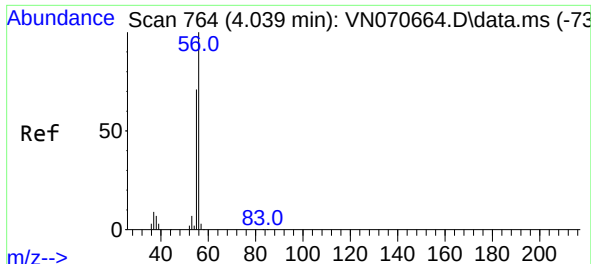


#12
1,1-Dichloroethene
Concen: 21.308 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



Tgt Ion: 96 Resp: 179866
Ion Ratio Lower Upper
96 100
61 176.9 131.0 196.6
98 63.0 52.4 78.6





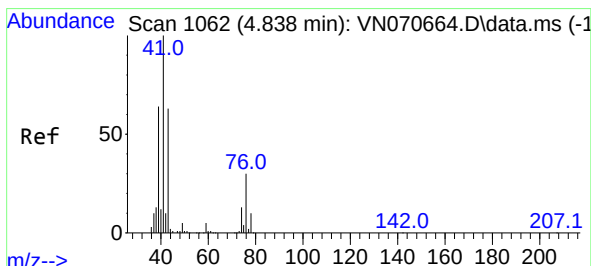
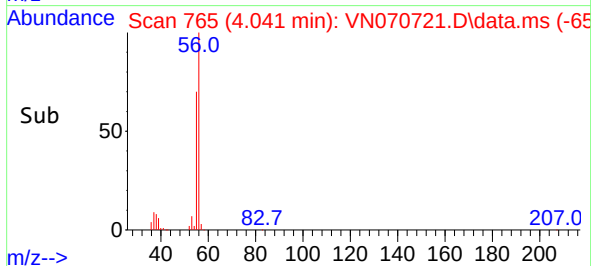
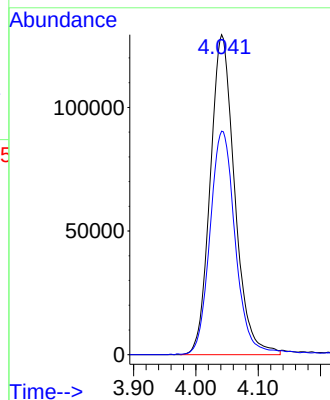
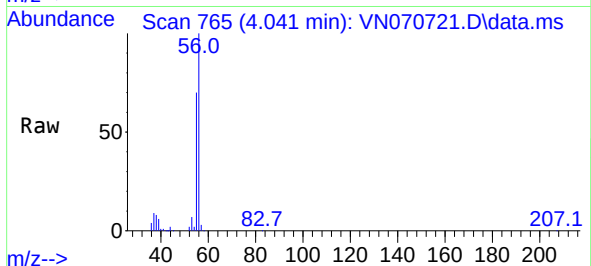
#13
Acrolein
Concen: 124.559 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.002 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion: 56 Resp: 352440
Ion Ratio Lower Upper
56 100
55 71.7 56.6 85.0

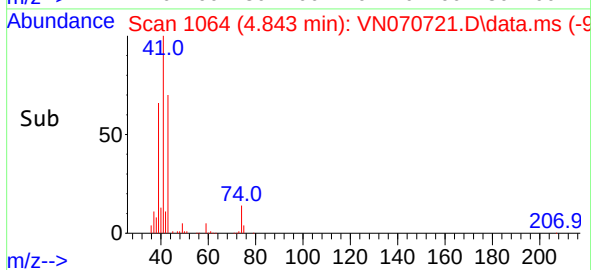
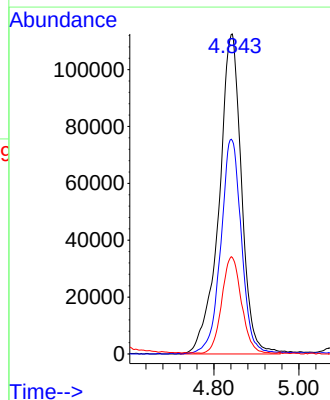
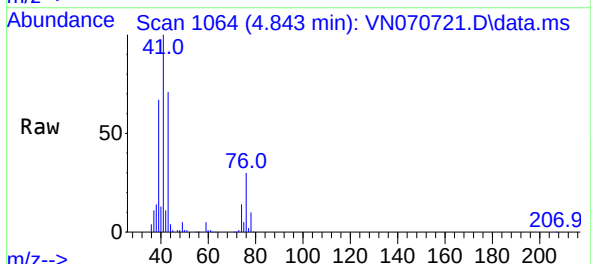
Manual Integrations
APPROVED

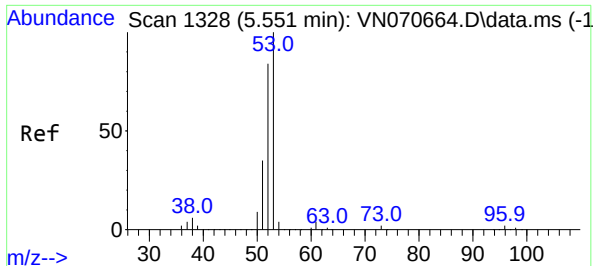
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#14
Allyl chloride
Concen: 22.520 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

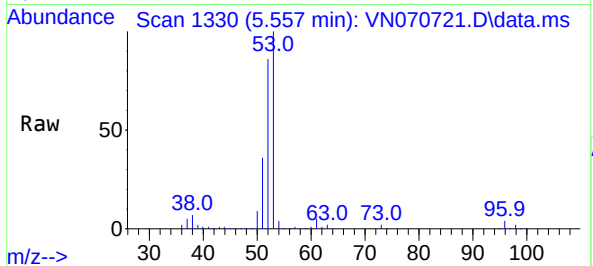
Tgt Ion: 41 Resp: 414204
Ion Ratio Lower Upper
41 100
39 61.9 61.2 91.8
76 26.3 26.0 39.0





#15
Acrylonitrile
Concen: 100.199 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

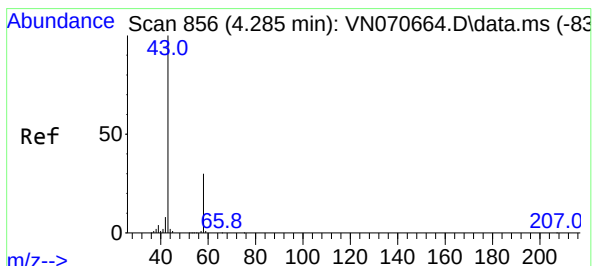
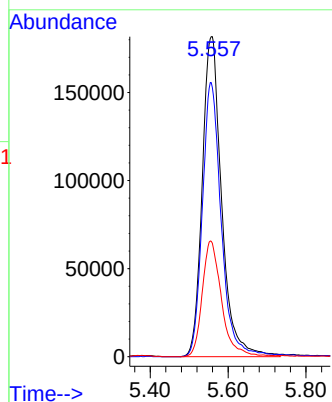
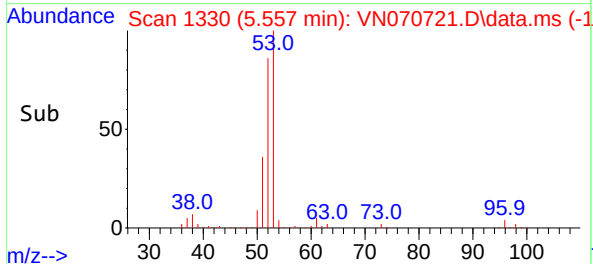
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



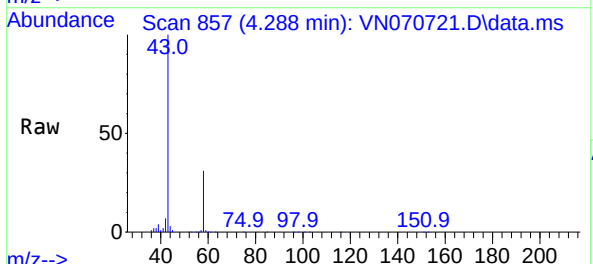
Tgt Ion: 53 Resp: 628879
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 35.7 29.6 44.4

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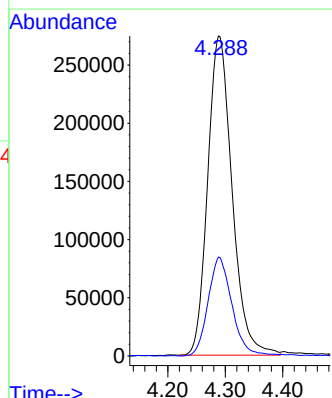
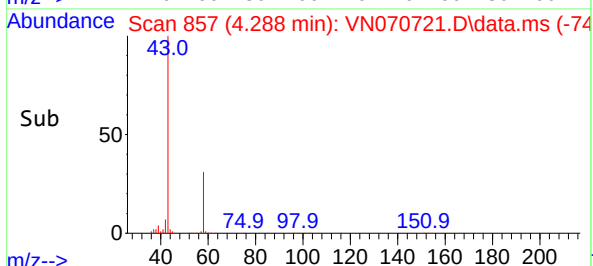
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

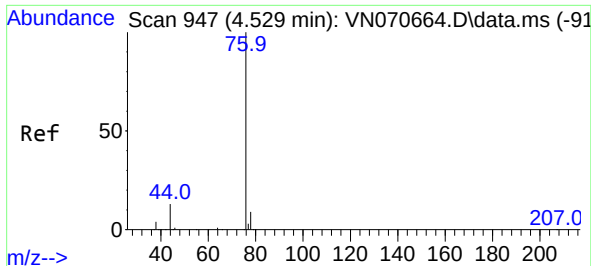


#16
Acetone
Concen: 106.656 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



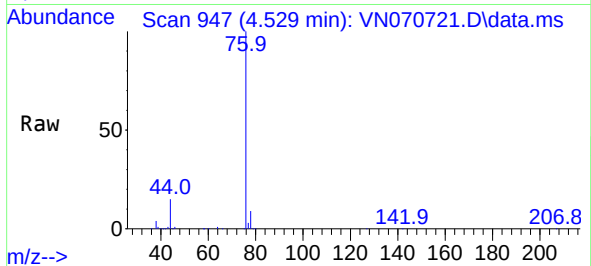
Tgt Ion: 43 Resp: 809529
Ion Ratio Lower Upper
43 100
58 31.0 23.1 34.7





#17
Carbon Disulfide
Concen: 21.033 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

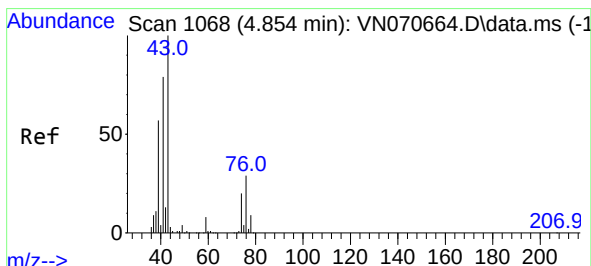
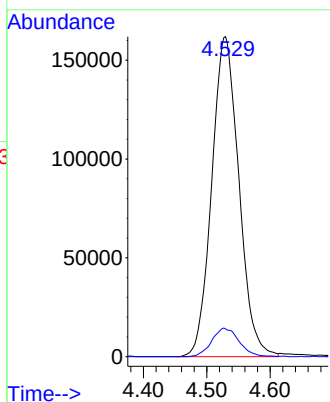
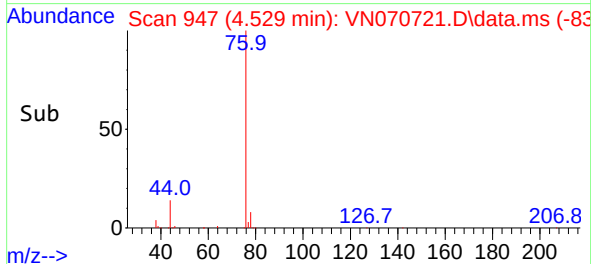
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



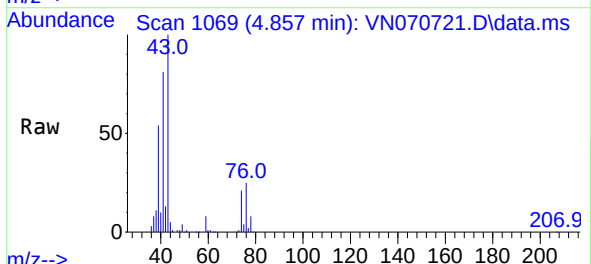
Tgt Ion: 76 Resp: 482193
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

Manual Integrations
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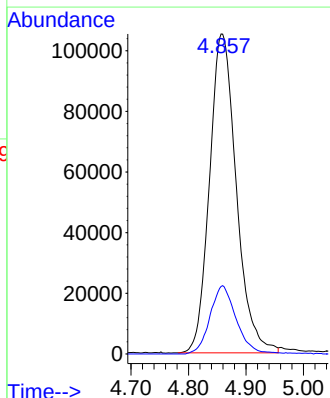
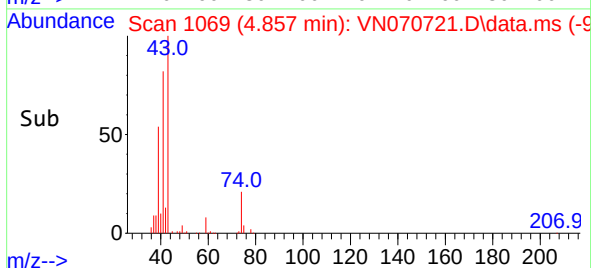
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

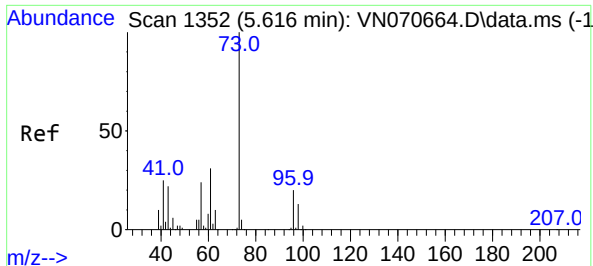


#18
Methyl Acetate
Concen: 22.841 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



Tgt Ion: 43 Resp: 340943
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.2





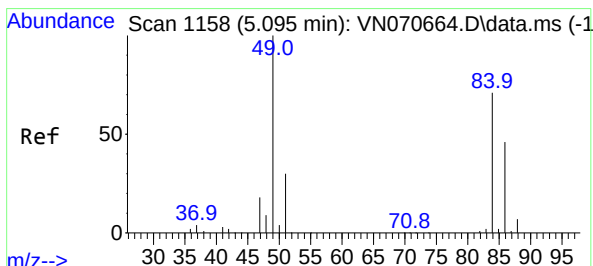
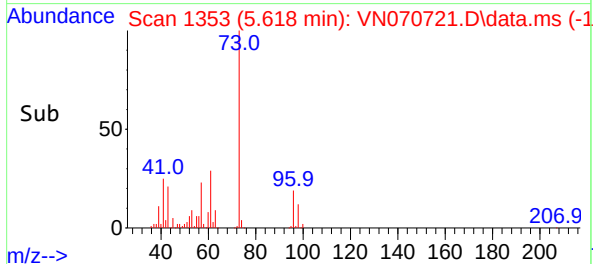
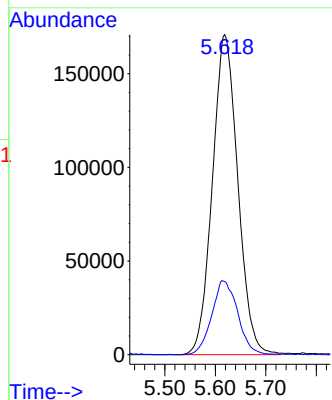
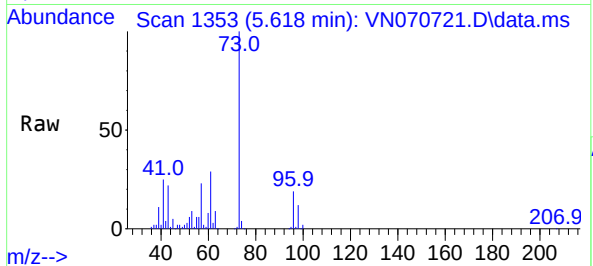
#19
Methyl tert-butyl Ether
Concen: 19.818 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.002 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion: 73 Resp: 59763
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2

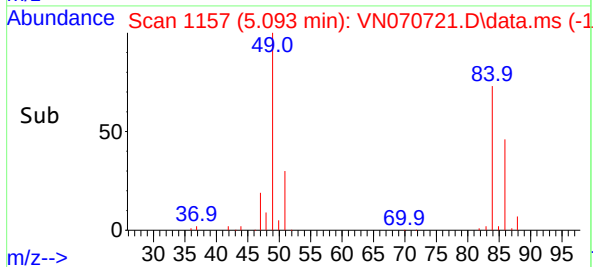
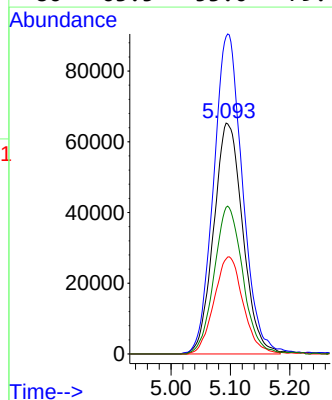
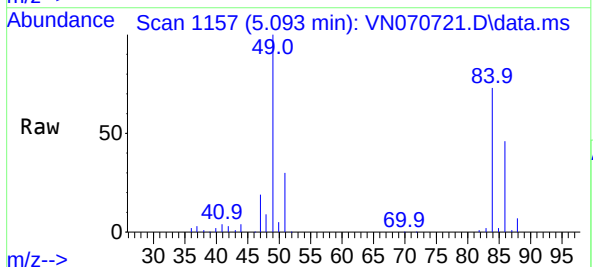
Manual Integrations
APPROVED

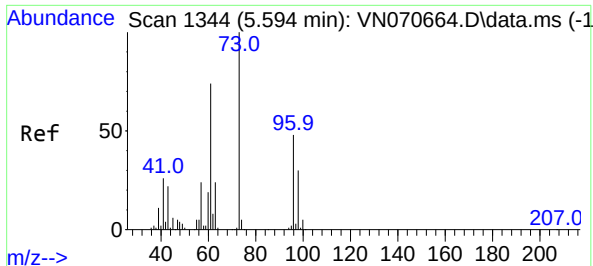
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#20
Methylene Chloride
Concen: 22.222 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

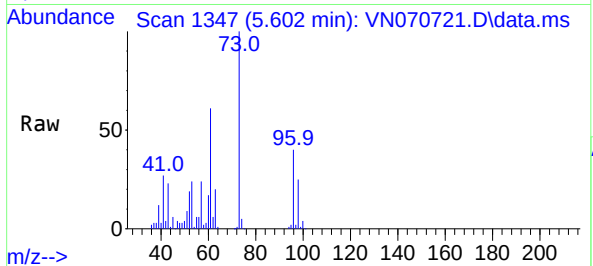
Tgt Ion: 84 Resp: 222177
Ion Ratio Lower Upper
84 100
49 137.4 93.5 140.3
51 41.2 29.4 44.2
86 63.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.110 ug/l
RT: 5.602 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

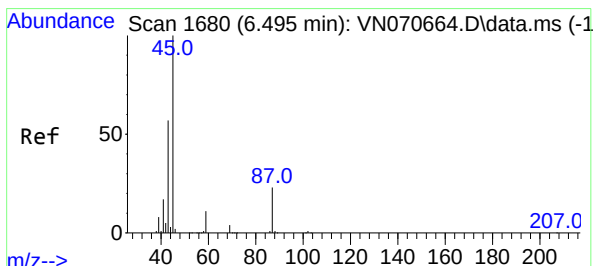
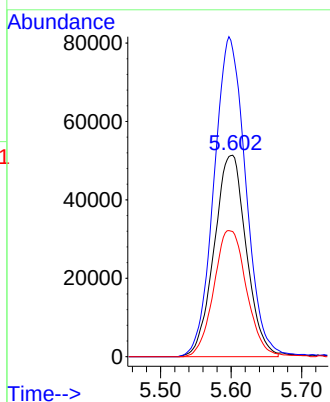
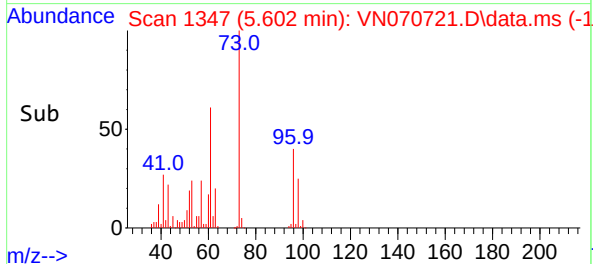
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



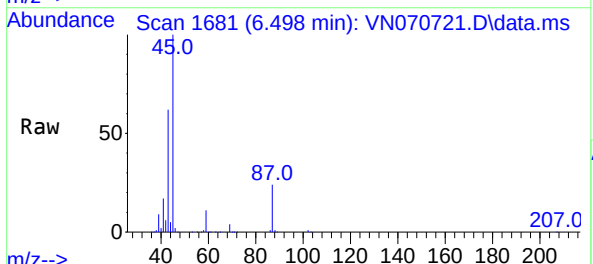
Tgt Ion: 96 Resp: 16235
Ion Ratio Lower Upper
96 100
61 152.3 105.8 158.6
98 62.1 52.0 78.0

Manual Integrations
APPROVED

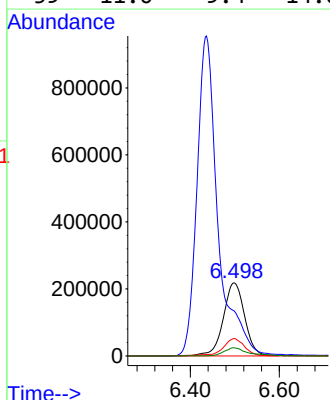
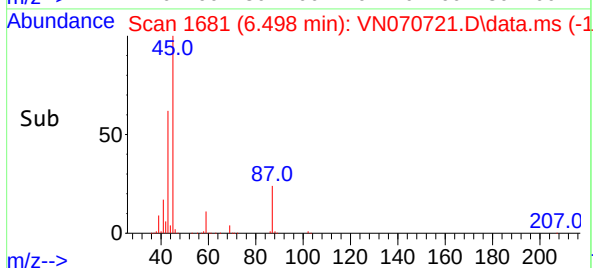
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

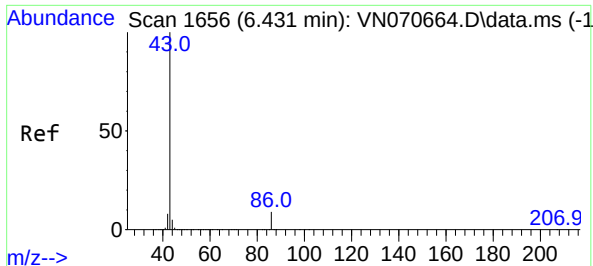


#22
Diisopropyl ether
Concen: 19.968 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



Tgt Ion: 45 Resp: 727950
Ion Ratio Lower Upper
45 100
43 60.4 51.7 77.5
87 23.7 23.2 34.8
59 11.0 9.4 14.0





#23

Vinyl Acetate

Concen: 101.464 ug/l

RT: 6.436 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN070721.D

Acq: 20 Jan 2022 15:38

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion: 43 Resp: 313555

Ion Ratio Lower Upper

43 100

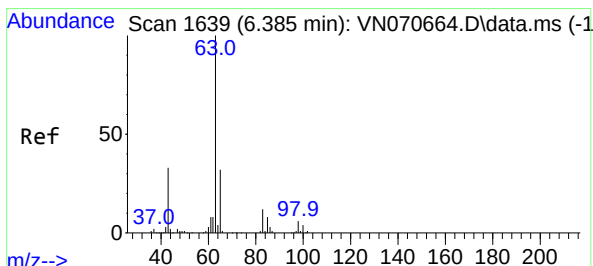
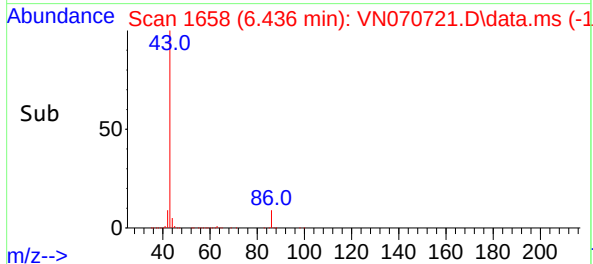
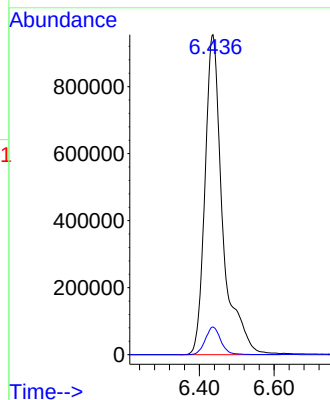
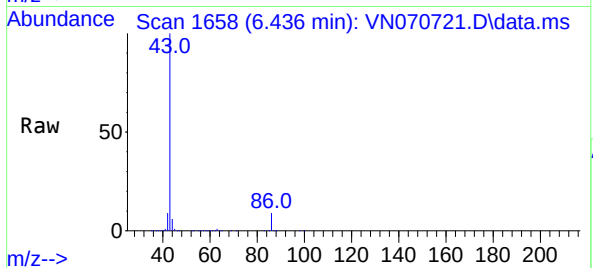
86 8.7 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/21/2022

Supervised By :Mahesh Dadoda 01/21/2022



#24

1,1-Dichloroethane

Concen: 19.515 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.003 min

Lab File: VN070721.D

Acq: 20 Jan 2022 15:38

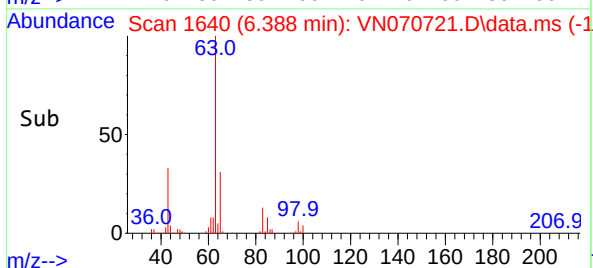
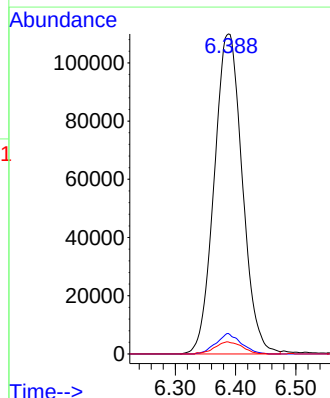
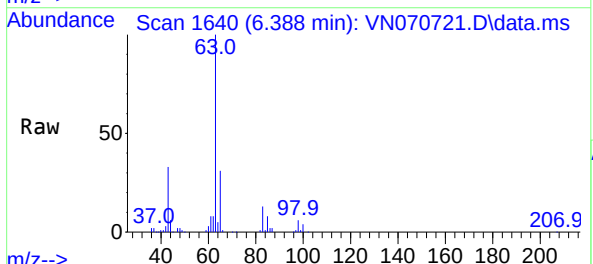
Tgt Ion: 63 Resp: 355876

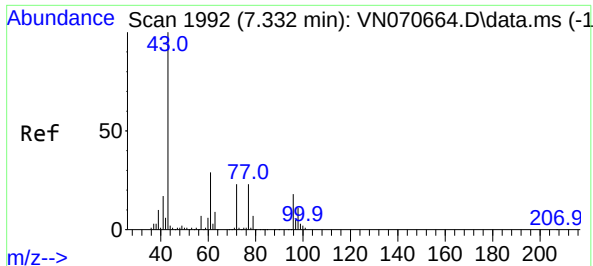
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

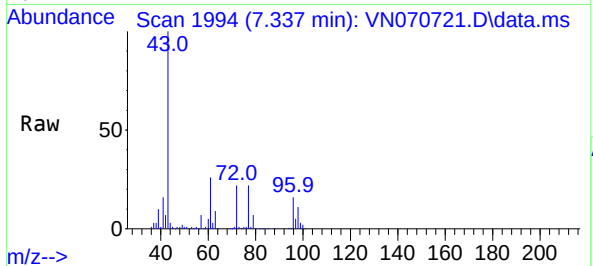
100 3.7 2.1 6.5





#25
2-Butanone
Concen: 98.288 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

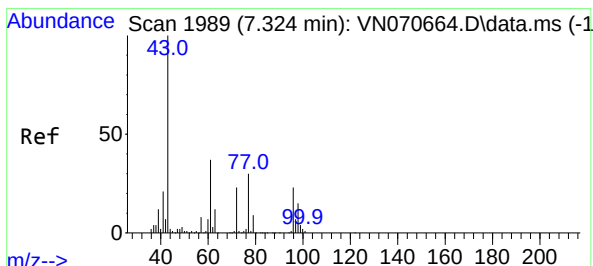
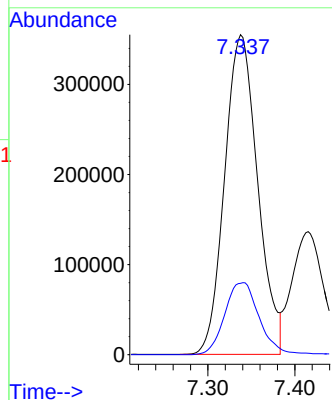
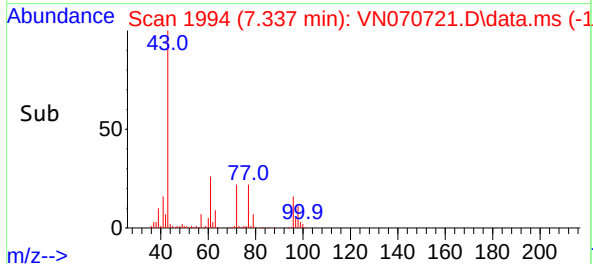
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



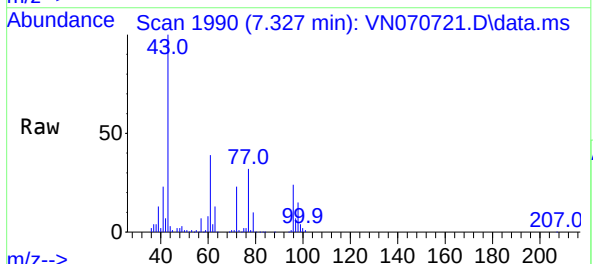
Tgt Ion: 43 Resp: 93874
Ion Ratio Lower Upper
43 100
72 22.3 21.7 32.5

Manual Integrations
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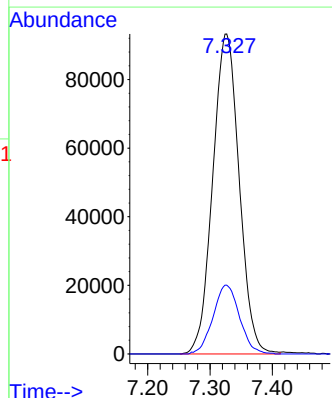
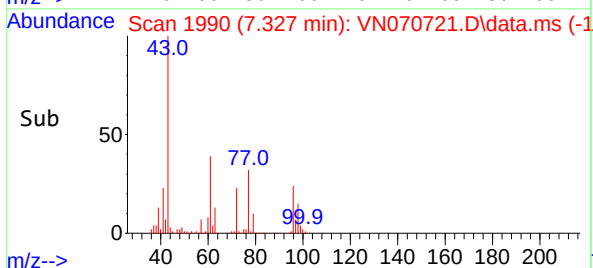
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

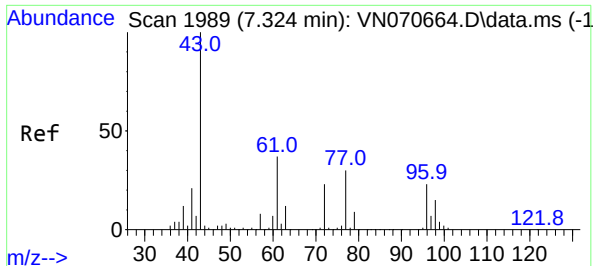


#26
2,2-Dichloropropane
Concen: 19.664 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



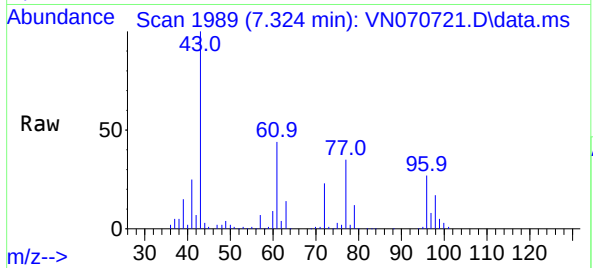
Tgt Ion: 77 Resp: 274921
Ion Ratio Lower Upper
77 100
97 21.6 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 19.116 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

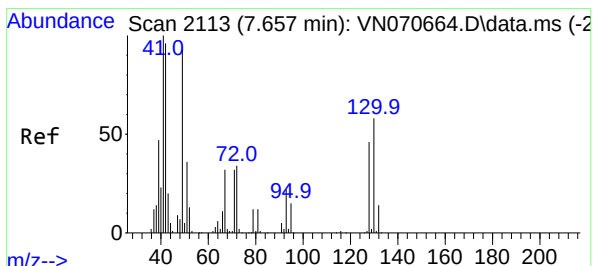
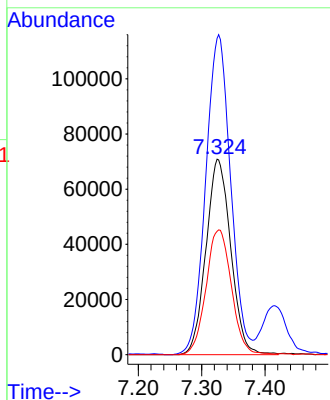
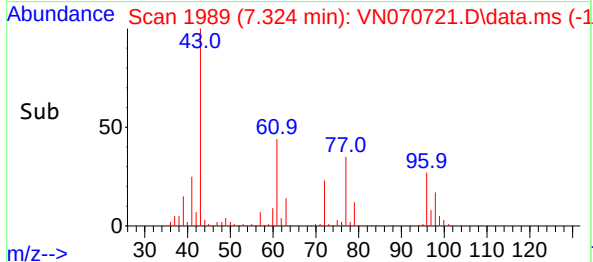
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



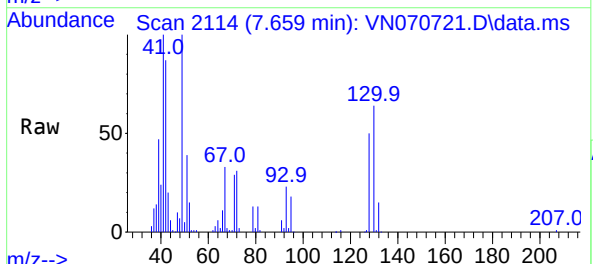
Tgt Ion: 96 Resp: 19292
Ion Ratio Lower Upper
96 100
61 164.2 0.0 275.0
98 65.4 0.0 129.6

Manual Integrations
APPROVED

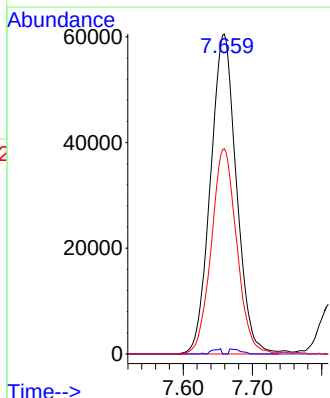
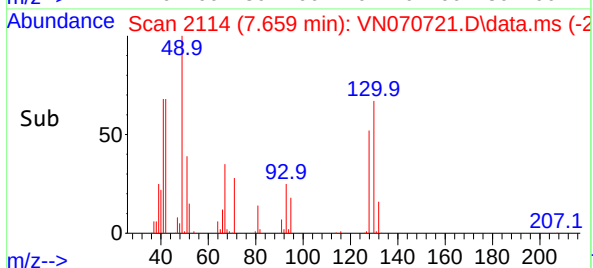
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

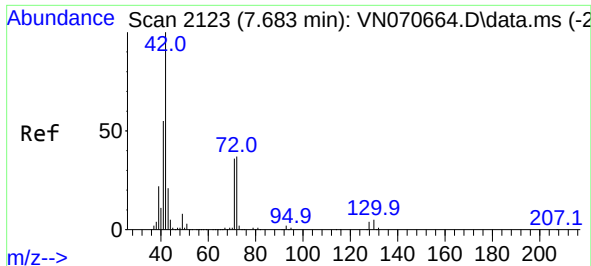


#28
Bromochloromethane
Concen: 19.230 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



Tgt Ion: 49 Resp: 157444
Ion Ratio Lower Upper
49 100
129 0.5 0.0 4.0
130 62.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 104.005 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VN070721.D

Acq: 20 Jan 2022 15:38

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion: 42 Resp: 608234

Ion Ratio Lower Upper

42 100

72 37.2 36.3 54.5

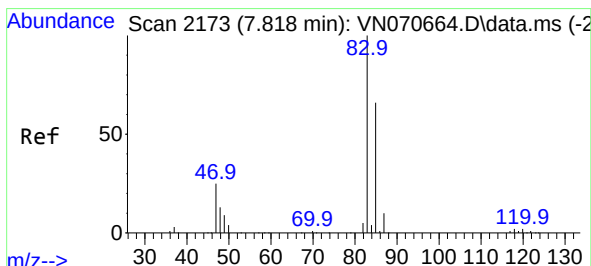
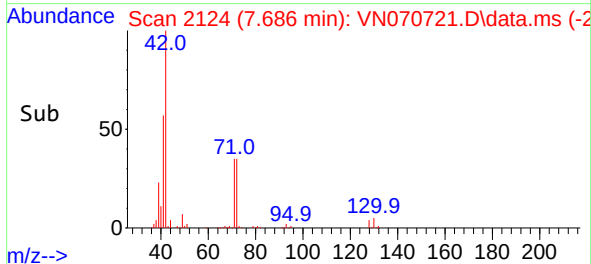
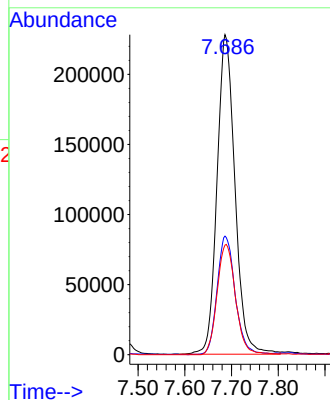
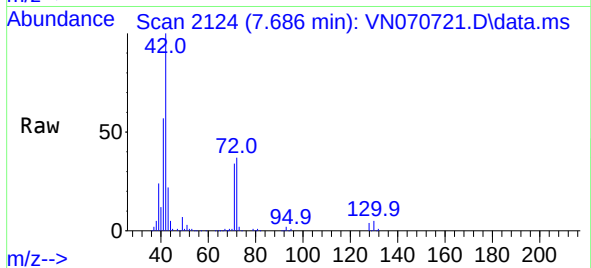
71 35.2 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/21/2022

Supervised By :Mahesh Dadoda 01/21/2022



#30

Chloroform

Concen: 19.198 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.000 min

Lab File: VN070721.D

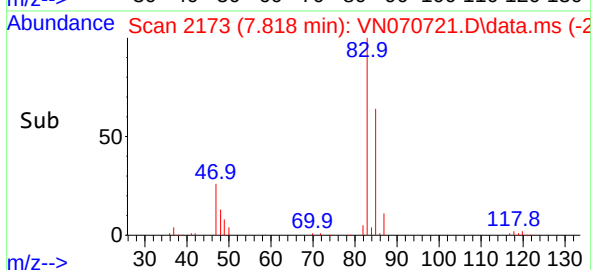
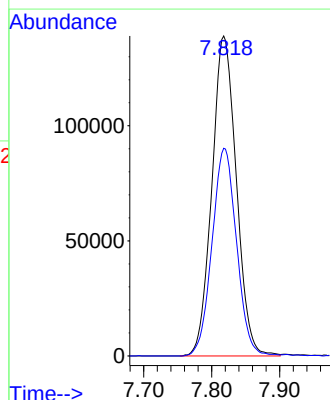
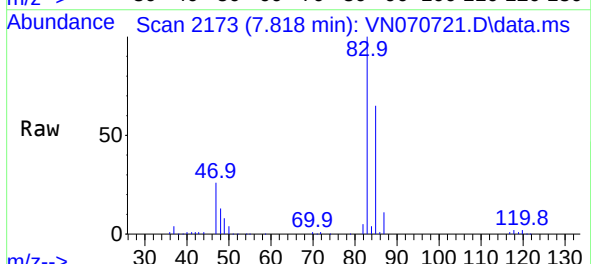
Acq: 20 Jan 2022 15:38

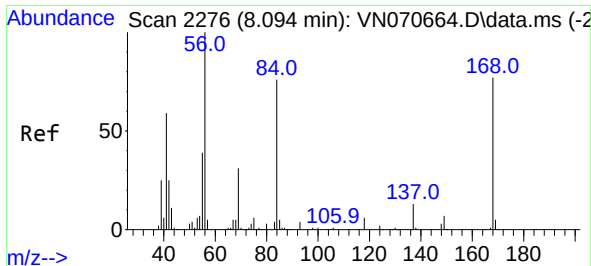
Tgt Ion: 83 Resp: 347414

Ion Ratio Lower Upper

83 100

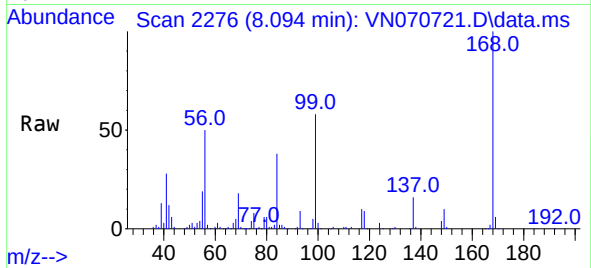
85 64.9 51.9 77.9





#31
Cyclohexane
Concen: 18.631 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

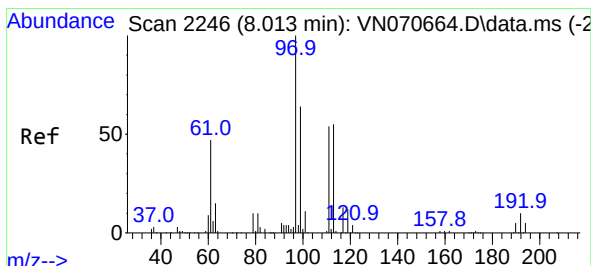
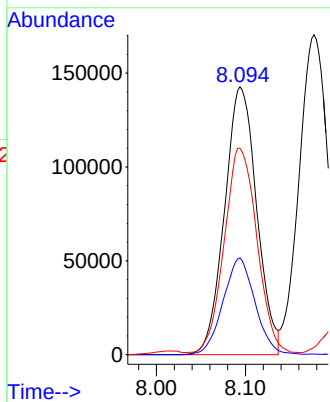
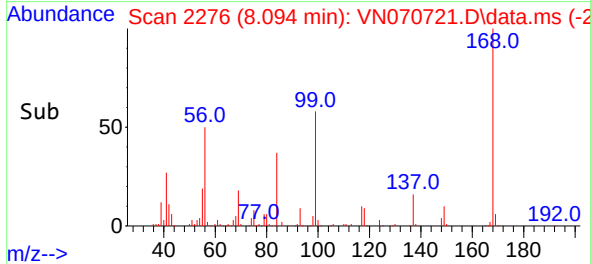
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



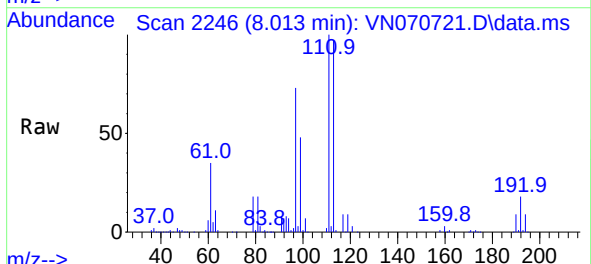
Tgt Ion: 56 Resp: 358778
Ion Ratio Lower Upper
56 100
69 36.1 27.1 40.7
84 75.8 73.4 110.0

Manual Integrations
APPROVED

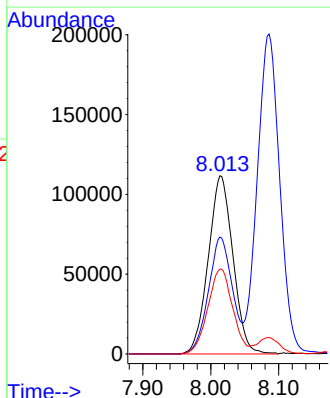
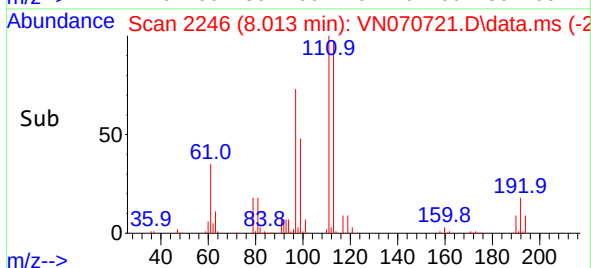
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

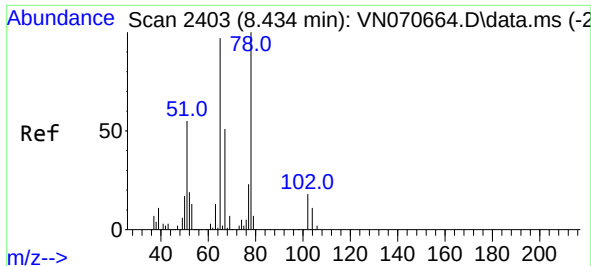


#32
1,1,1-Trichloroethane
Concen: 19.910 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



Tgt Ion: 97 Resp: 281811
Ion Ratio Lower Upper
97 100
99 63.0 50.1 75.1
61 48.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 53.239 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070721.D

Acq: 20 Jan 2022 15:38

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion: 65 Resp: 58220

Ion Ratio Lower Upper

65 100

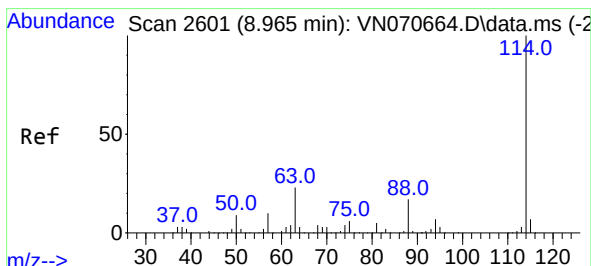
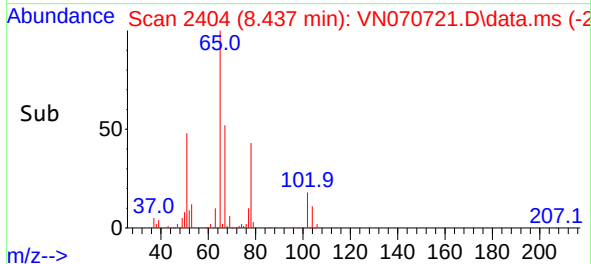
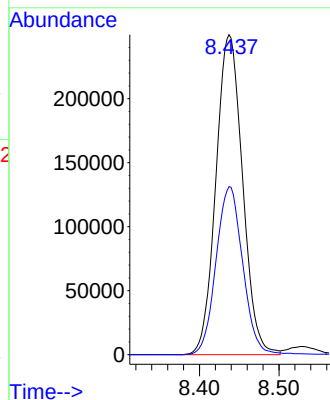
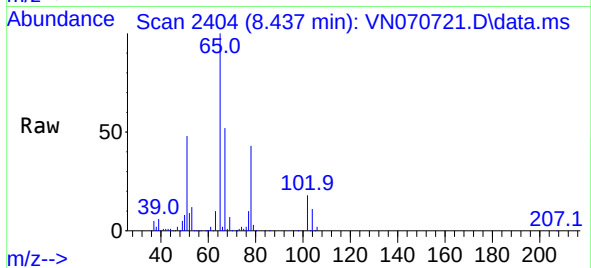
67 52.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/21/2022

Supervised By :Mahesh Dadoda 01/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070721.D

Acq: 20 Jan 2022 15:38

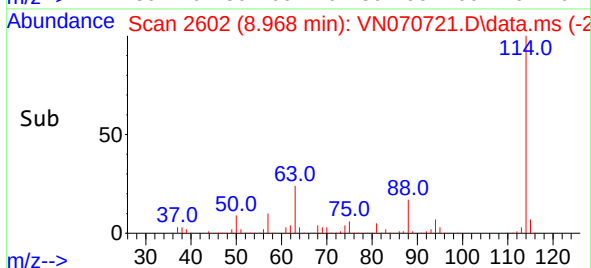
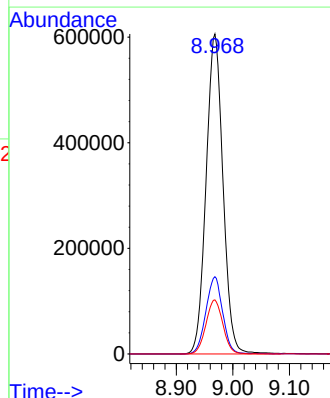
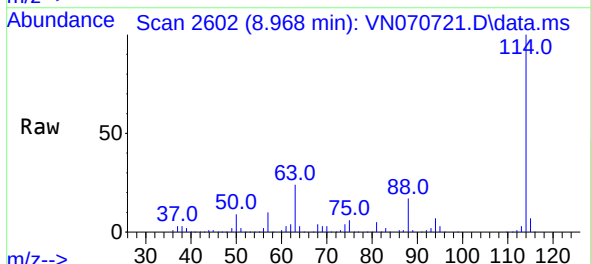
Tgt Ion:114 Resp: 1254767

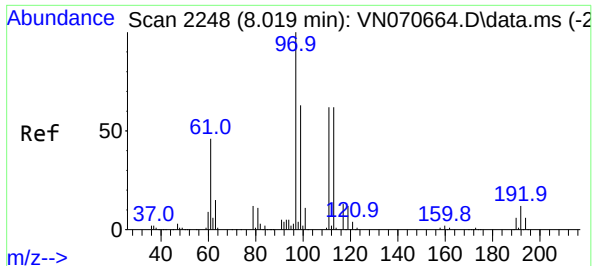
Ion Ratio Lower Upper

114 100

63 24.2 0.0 37.8

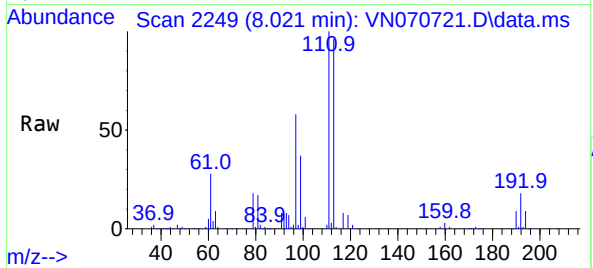
88 16.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.892 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.002 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

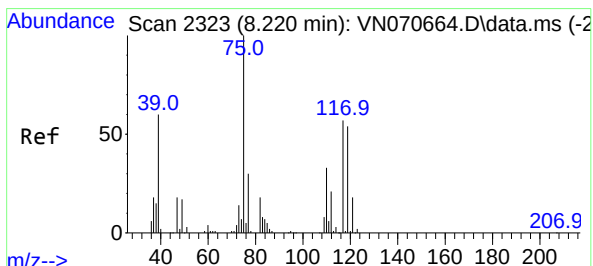
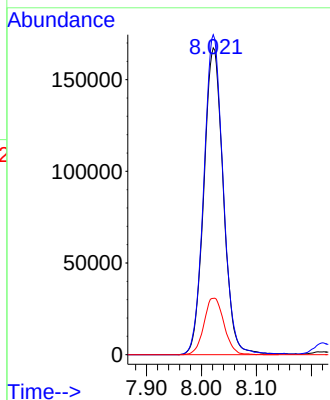
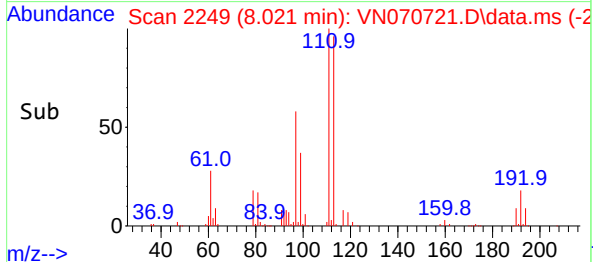
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



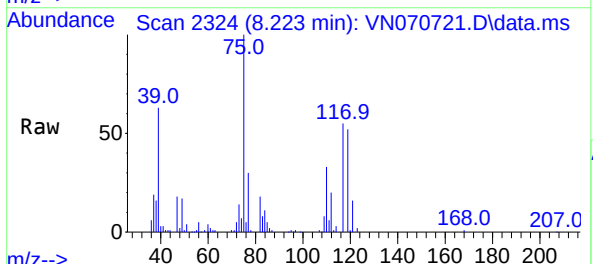
Tgt Ion: 113 Resp: 411674
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 19.0 16.9 25.3

Manual Integrations
APPROVED

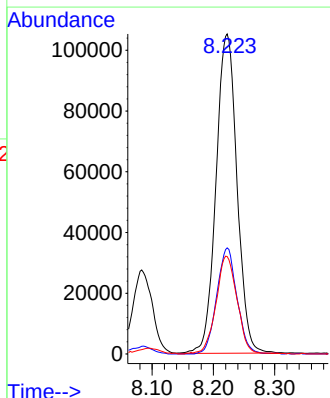
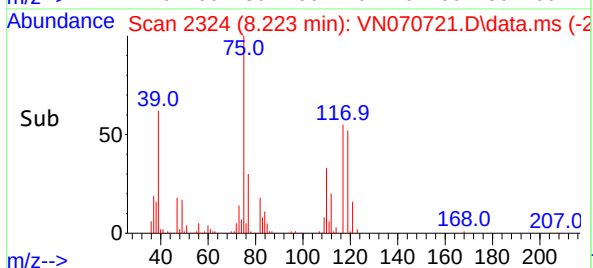
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

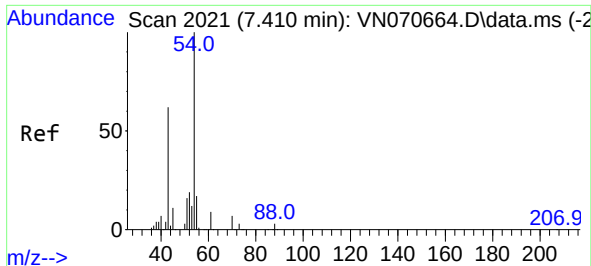


#36
1,1-Dichloropropene
Concen: 19.109 ug/l
RT: 8.223 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



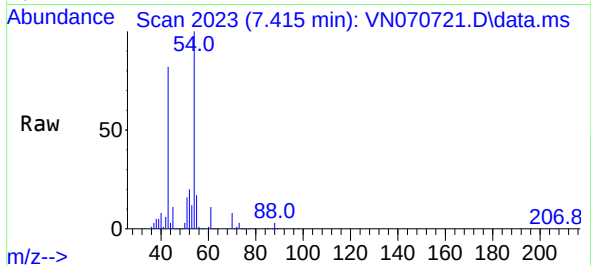
Tgt Ion: 75 Resp: 250391
Ion Ratio Lower Upper
75 100
110 32.0 18.4 55.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 19.890 ug/l
RT: 7.415 min Scan# 2021
Delta R.T. 0.005 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

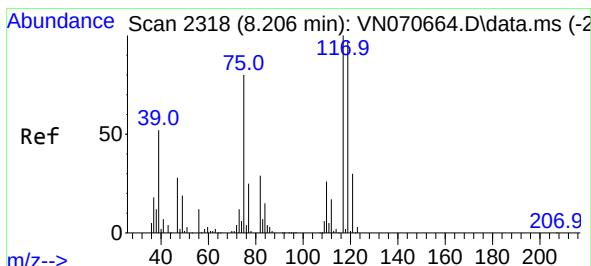
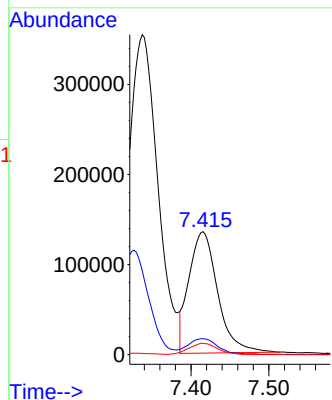
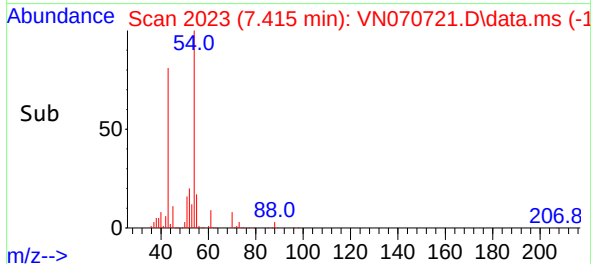
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



Tgt Ion: 43 Resp: 346009
Ion Ratio Lower Upper
43 100
61 12.7 11.5 17.3
70 9.0 7.9 11.9

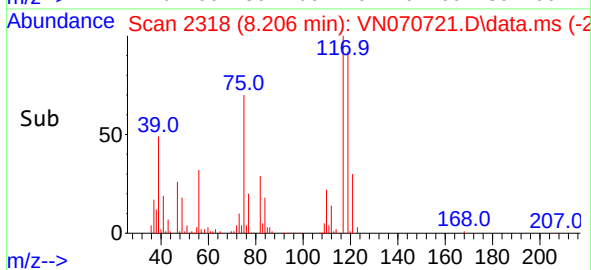
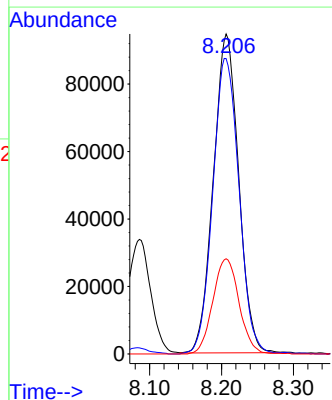
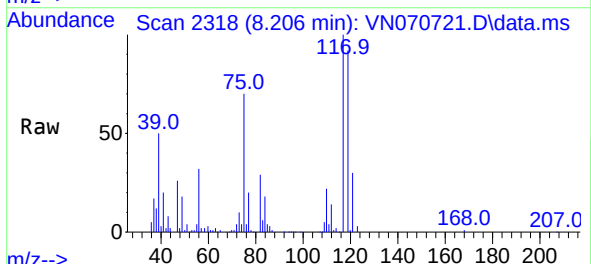
Manual Integrations
APPROVED

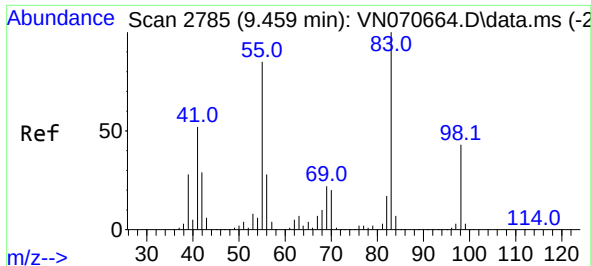
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#38
Carbon Tetrachloride
Concen: 19.785 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Tgt Ion:117 Resp: 230628
Ion Ratio Lower Upper
117 100
119 92.7 76.1 114.1
121 29.9 24.2 36.2





#39
Methylcyclohexane
Concen: 18.656 ug/l
RT: 9.459 min Scan# 2178
Delta R.T. -0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Instrument :

MSVOA_N

ClientSampleId :

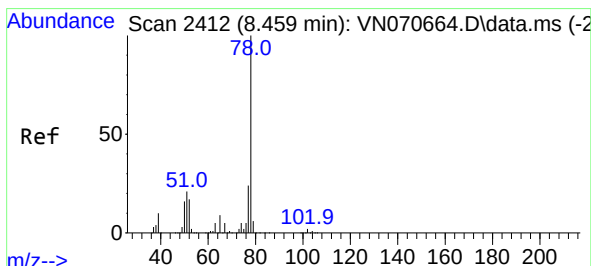
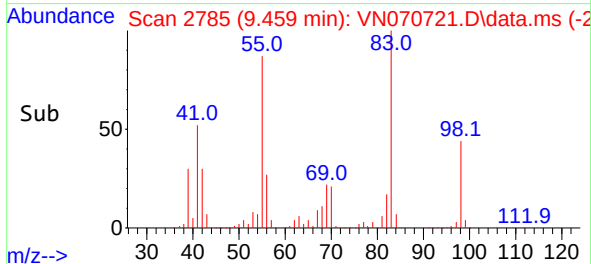
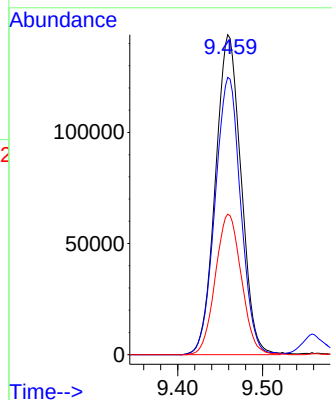
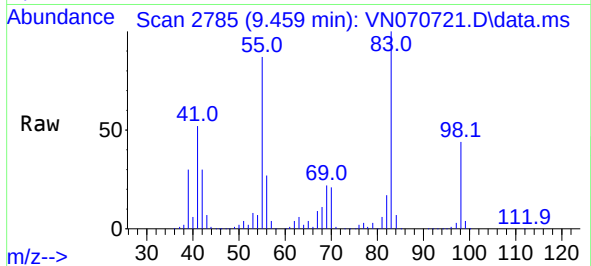
VN0120WBSD01

Tgt Ion: 83 Resp: 301780
Ion Ratio Lower Upper
83 100
55 86.7 58.1 87.1
98 43.9 38.4 57.6

Manual Integrations

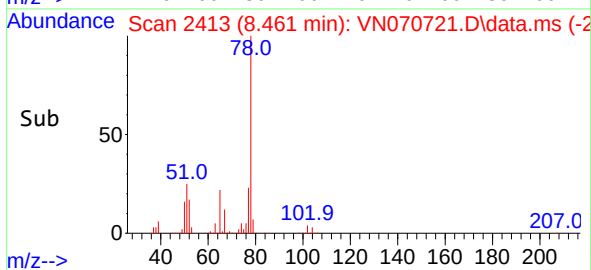
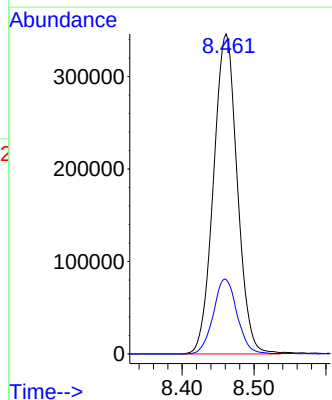
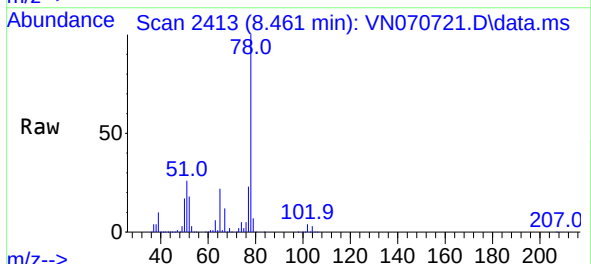
APPROVED

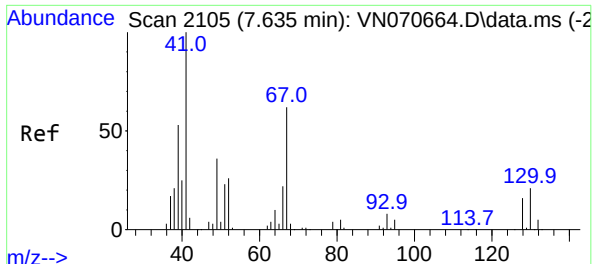
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#40
Benzene
Concen: 19.554 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

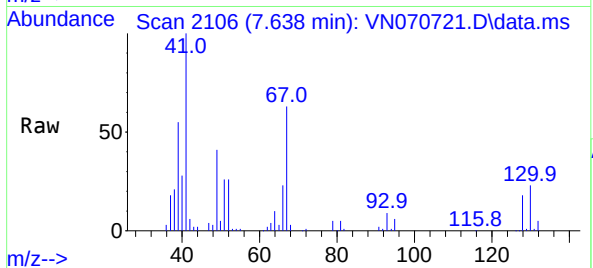
Tgt Ion: 78 Resp: 793910
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8





#41
Methacrylonitrile
Concen: 20.143 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

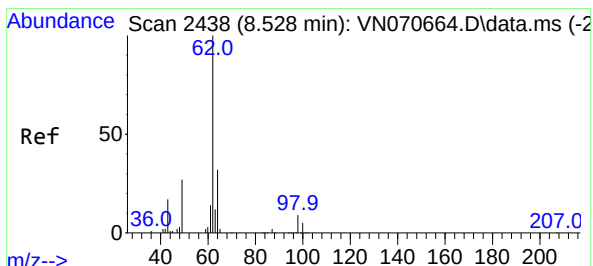
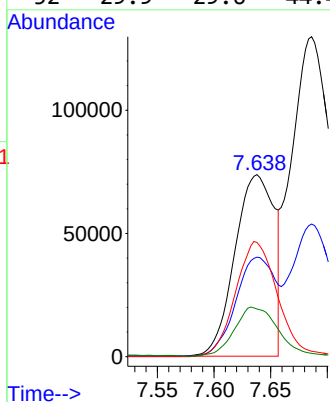
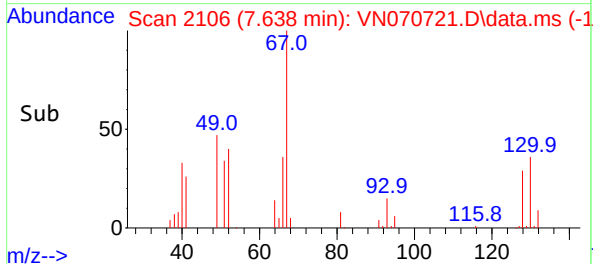
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



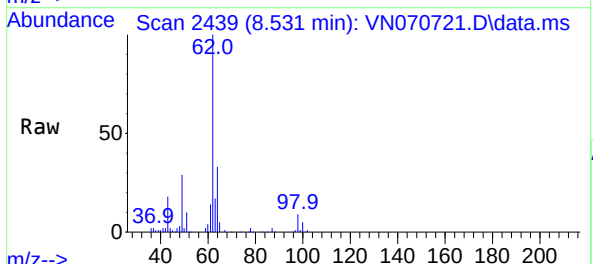
Tgt Ion: 41 Resp: 178272
Ion Ratio Lower Upper
41 100
39 55.6 48.1 72.1
67 67.8 68.3 102.5
52 29.9 29.6 44.4

Manual Integrations
APPROVED

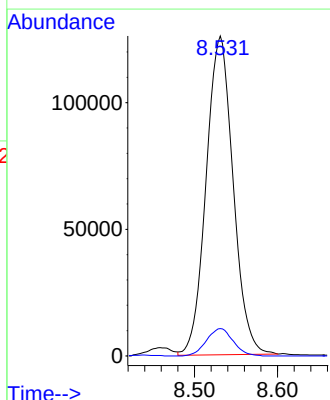
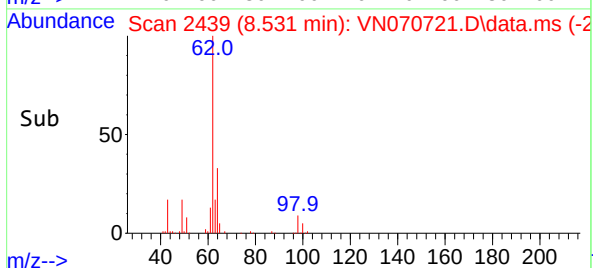
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

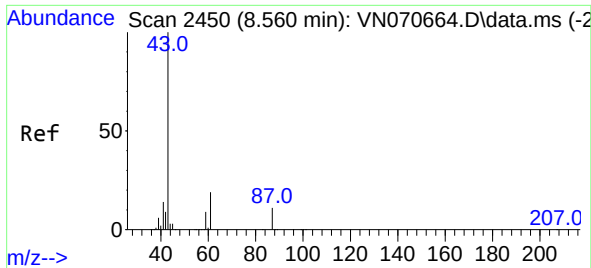


#42
1,2-Dichloroethane
Concen: 20.182 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



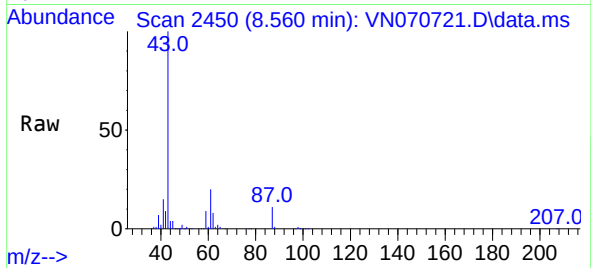
Tgt Ion: 62 Resp: 284114
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.774 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

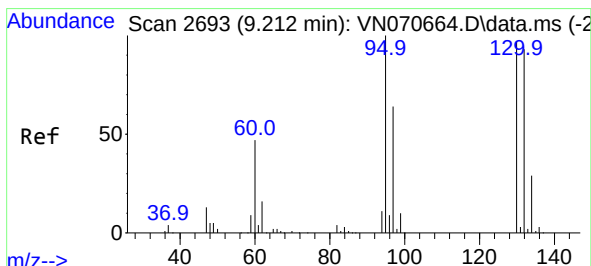
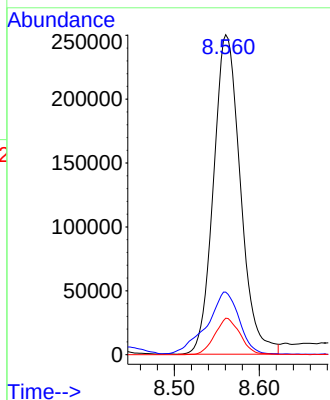
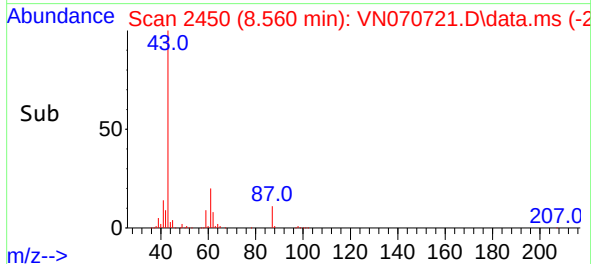
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



Tgt Ion: 43 Resp: 551964
Ion Ratio Lower Upper
43 100
61 23.3 20.4 30.6
87 10.8 11.2 16.8

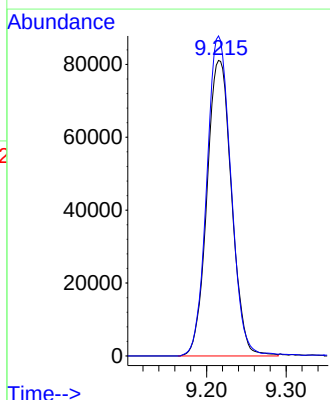
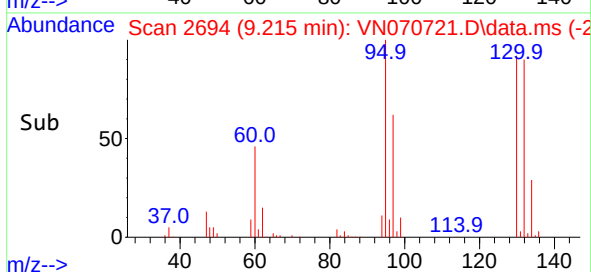
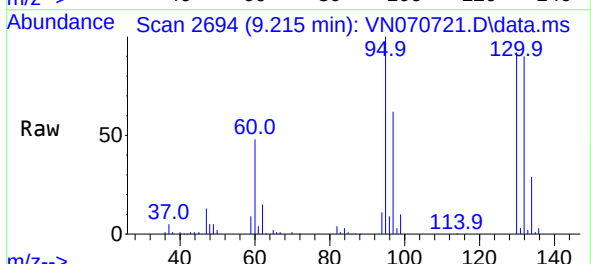
Manual Integrations
APPROVED

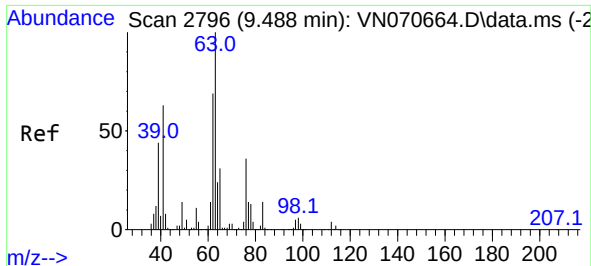
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#44
Trichloroethene
Concen: 18.947 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Tgt Ion:130 Resp: 174391
Ion Ratio Lower Upper
130 100
95 108.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.375 ug/l

RT: 9.488 min Scan# 21402

Delta R.T. 0.000 min

Lab File: VN070721.D

Acq: 20 Jan 2022 15:38

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion: 63 Resp: 21402

Ion Ratio Lower Upper

63 100

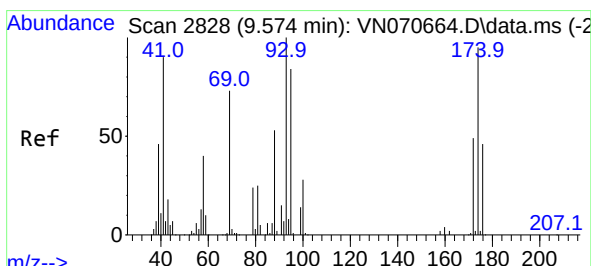
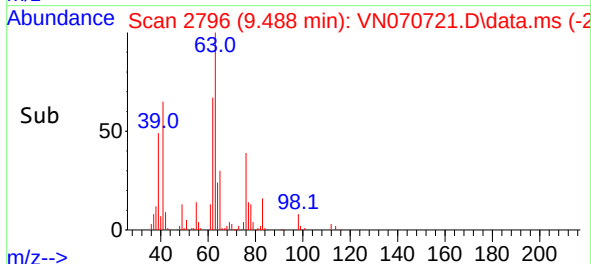
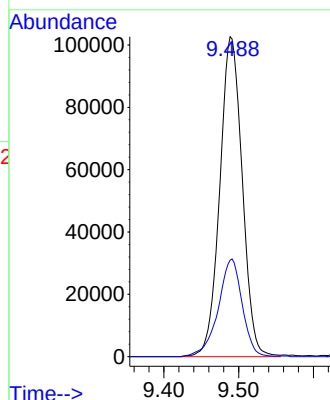
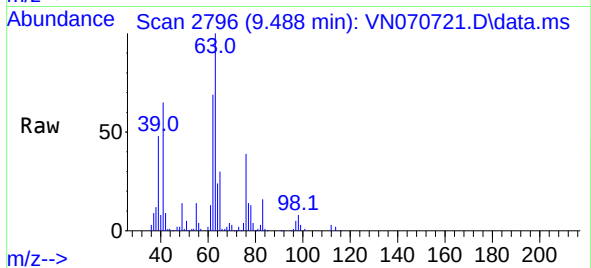
65 30.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/21/2022

Supervised By :Mahesh Dadoda 01/21/2022



#46

Dibromomethane

Concen: 20.155 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.003 min

Lab File: VN070721.D

Acq: 20 Jan 2022 15:38

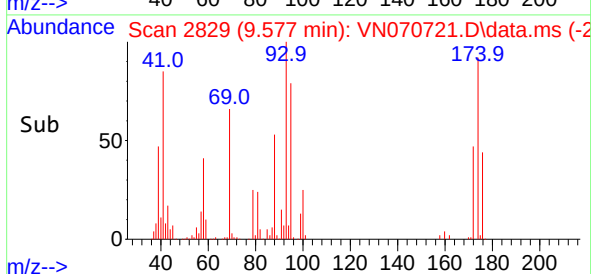
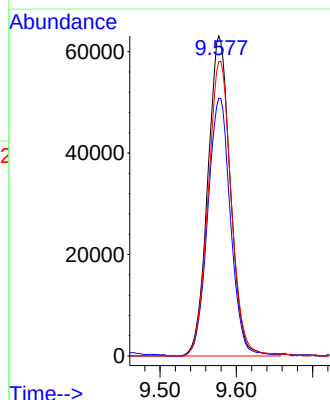
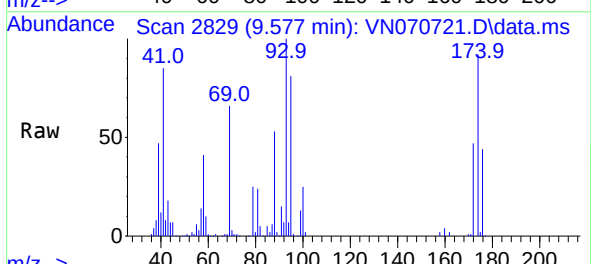
Tgt Ion: 93 Resp: 129459

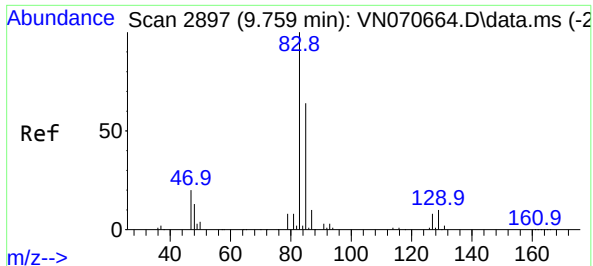
Ion Ratio Lower Upper

93 100

95 81.5 65.9 98.9

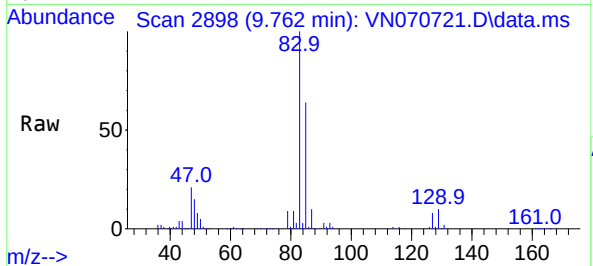
174 94.5 84.6 127.0





#47
Bromodichloromethane
Concen: 19.444 ug/l
RT: 9.762 min Scan# 2897
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

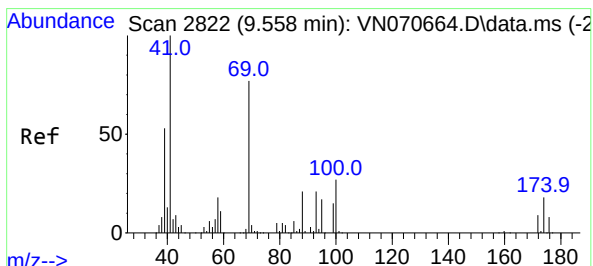
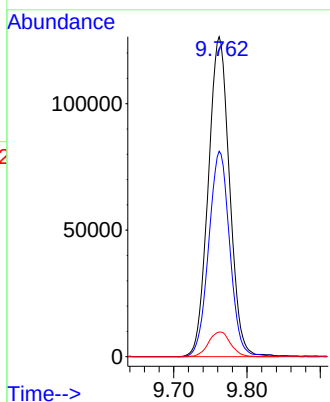
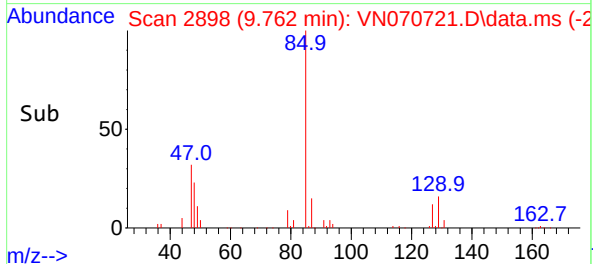
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



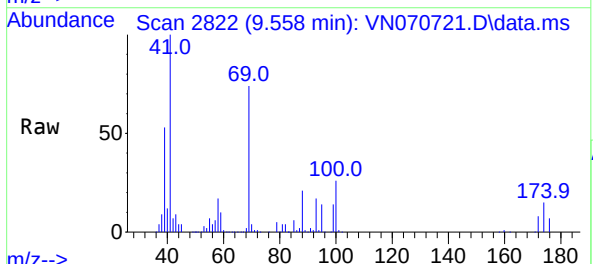
Tgt Ion: 83 Resp: 255299
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3
127 7.7 7.1 10.7

Manual Integrations
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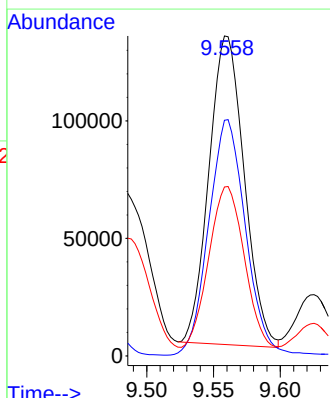
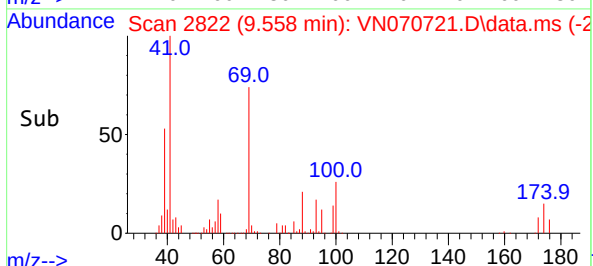
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

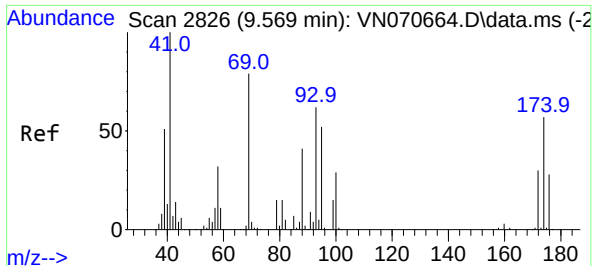


#48
Methyl methacrylate
Concen: 19.059 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



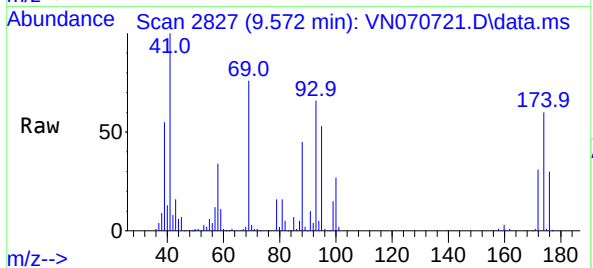
Tgt Ion: 41 Resp: 241250
Ion Ratio Lower Upper
41 100
69 80.0 72.4 108.6
39 53.2 58.4 87.6





#49
1,4-Dioxane
Concen: 446.728 ug/l
RT: 9.572 min Scan# 2826
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

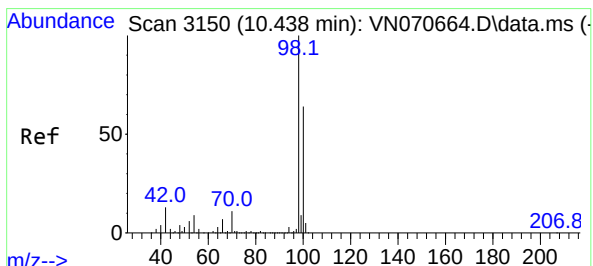
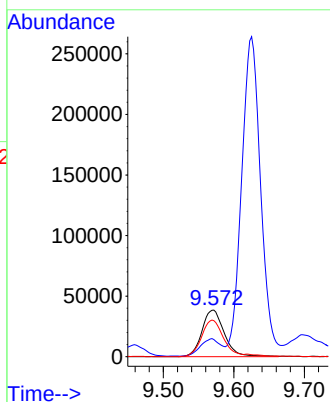
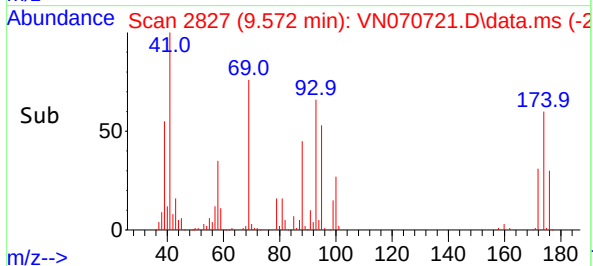
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



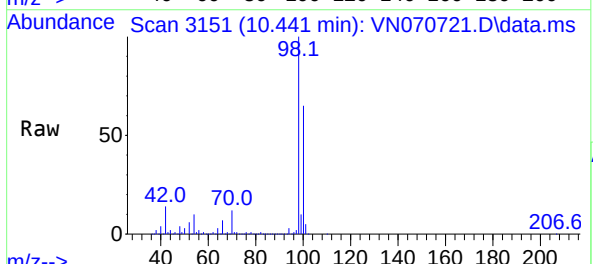
Tgt Ion: 88 Resp: 84940
Ion Ratio Lower Upper
88 100
43 33.6 23.4 35.2
58 76.5 50.6 75.8

Manual Integrations
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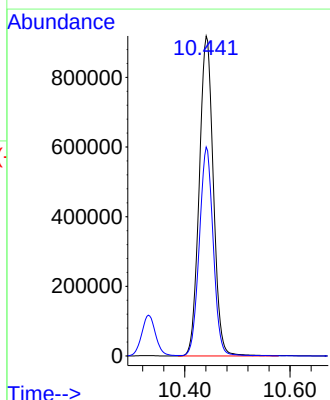
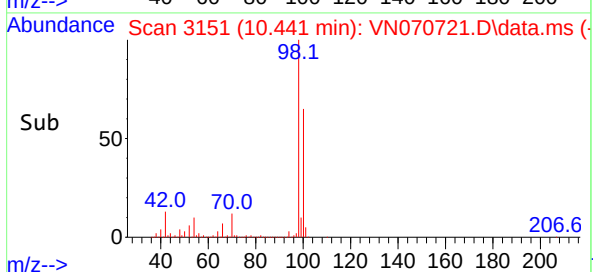
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

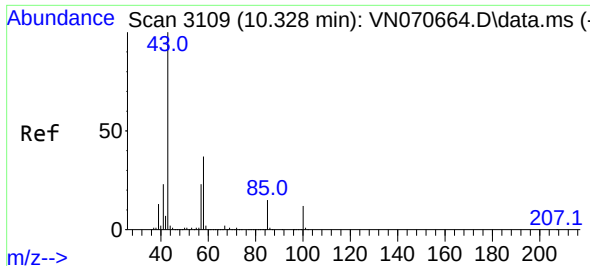


#50
Toluene-d8
Concen: 52.132 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



Tgt Ion: 98 Resp: 1709370
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6





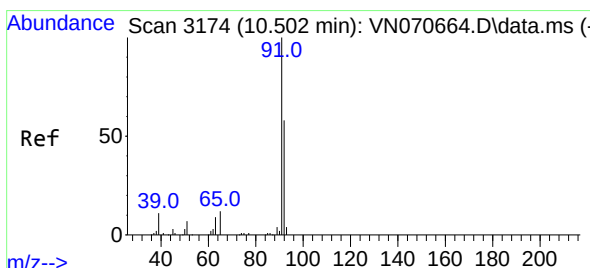
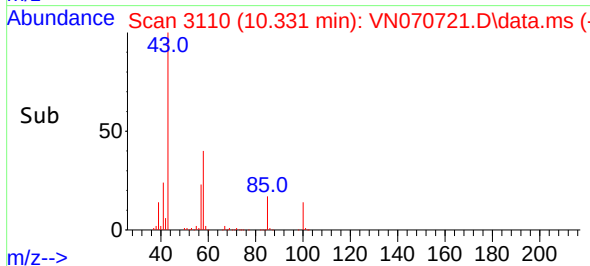
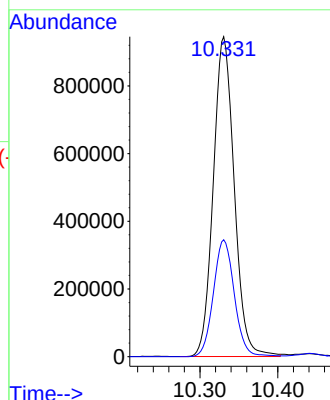
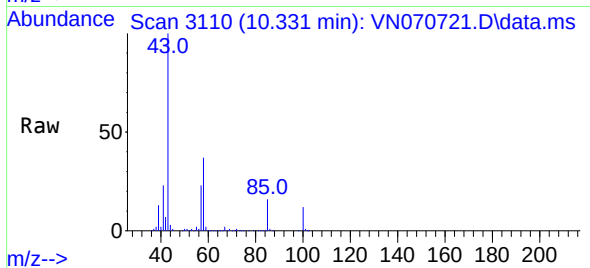
#51
4-Methyl-2-Pentanone
Concen: 103.921 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion: 43 Resp: 176192
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

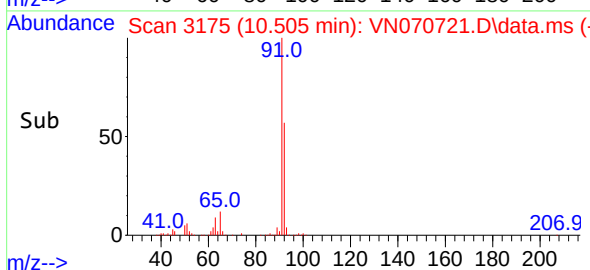
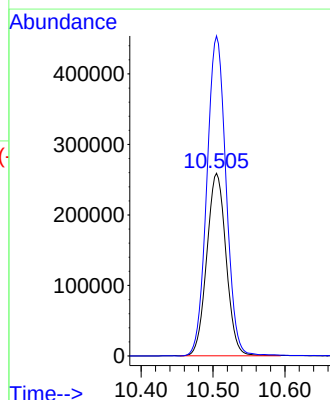
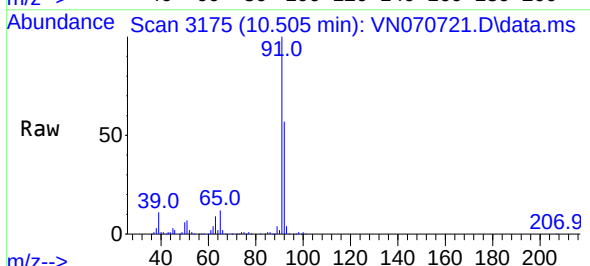
Manual Integrations
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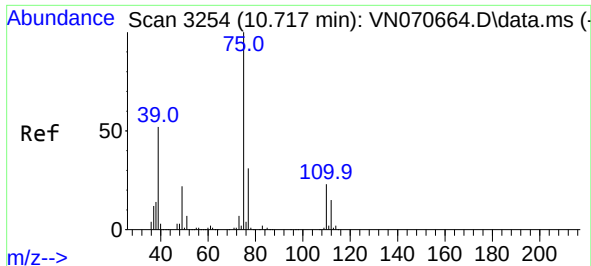
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#52
Toluene
Concen: 19.907 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Tgt Ion: 92 Resp: 483477
Ion Ratio Lower Upper
92 100
91 174.0 142.0 213.0





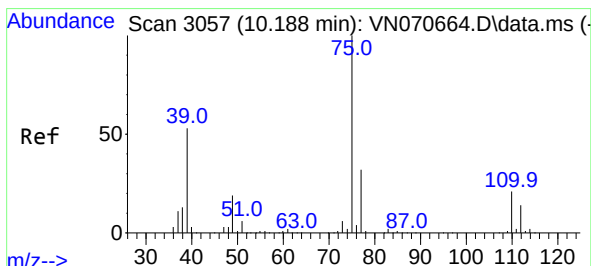
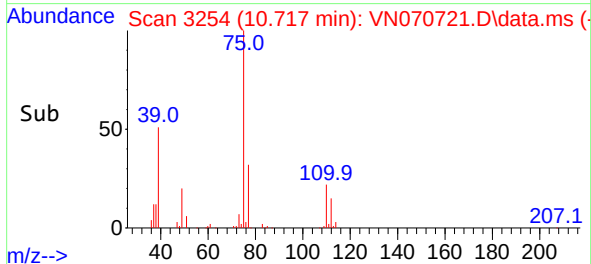
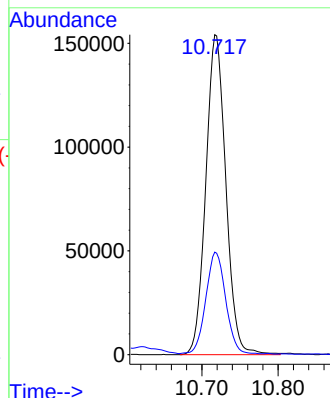
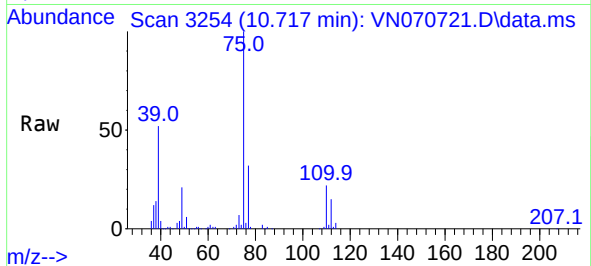
#53
t-1,3-Dichloropropene
Concen: 19.201 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion: 75 Resp: 28094
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

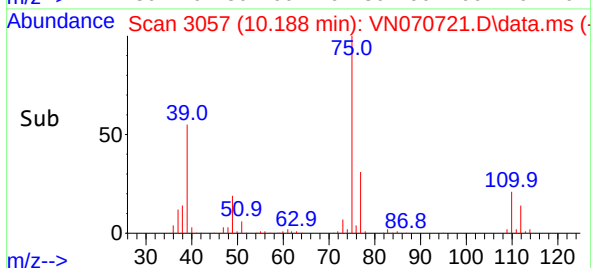
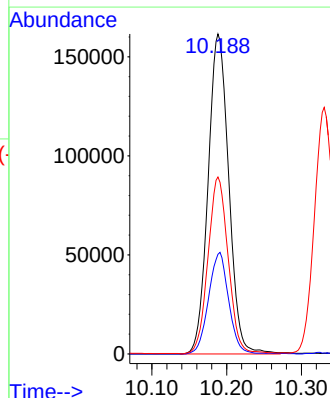
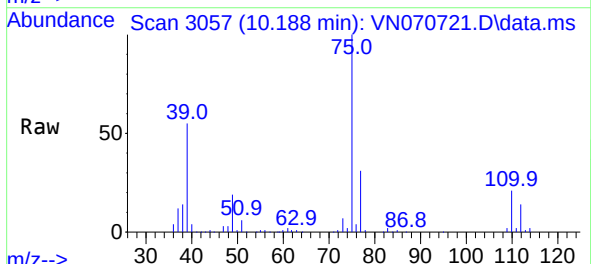
Manual Integrations
APPROVED

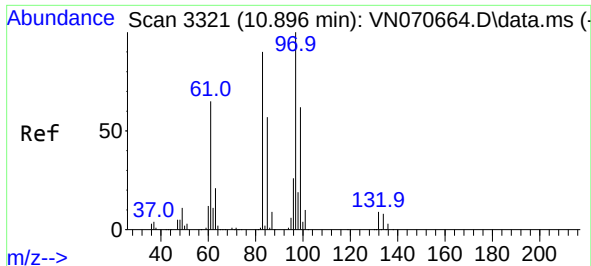
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#54
cis-1,3-Dichloropropene
Concen: 19.700 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

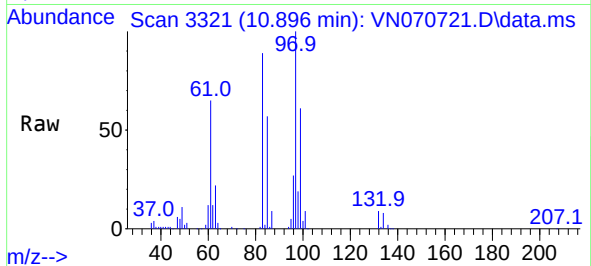
Tgt Ion: 75 Resp: 310197
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
39 55.2 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.811 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

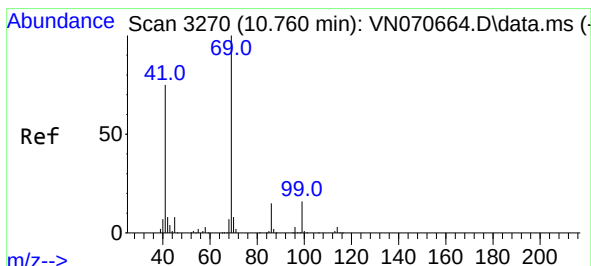
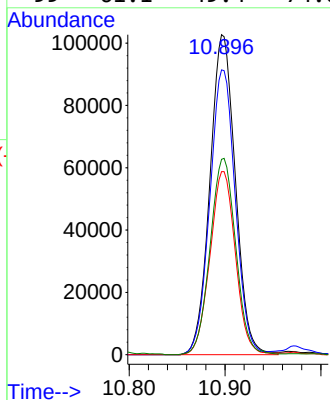
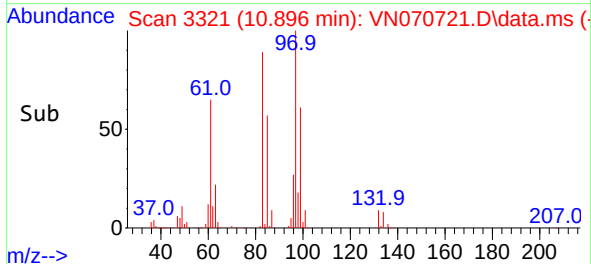
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



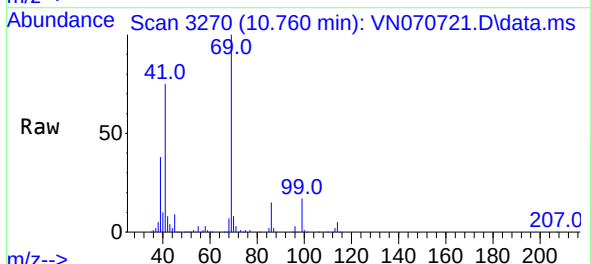
Tgt Ion:	97	Resp:	18901
Ion	Ratio	Lower	Upper
97	100		
83	89.0	67.8	101.6
85	57.2	45.4	68.2
99	61.1	49.4	74.0

Manual Integrations
APPROVED

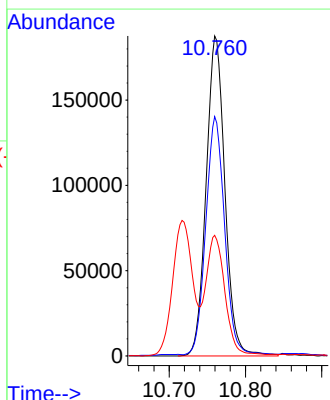
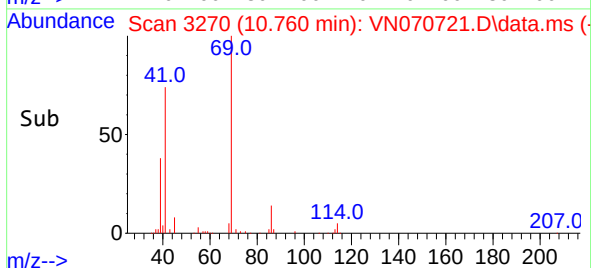
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

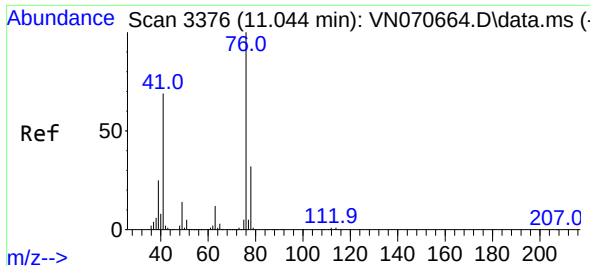


#56
Ethyl methacrylate
Concen: 19.157 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



Tgt Ion:	69	Resp:	320596
Ion	Ratio	Lower	Upper
69	100		
41	74.6	51.4	77.0
39	37.1	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.979 ug/l

RT: 11.044 min Scan# 33744

Delta R.T. -0.000 min

Lab File: VN070721.D

Acq: 20 Jan 2022 15:38

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

Tgt Ion: 76 Resp: 33744

Ion Ratio Lower Upper

76 100

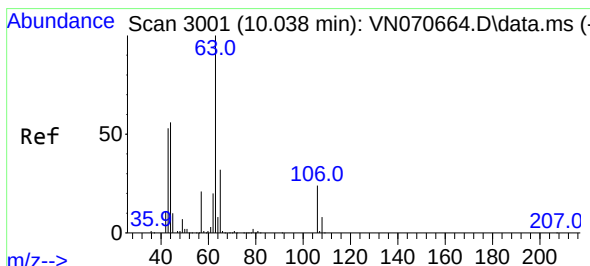
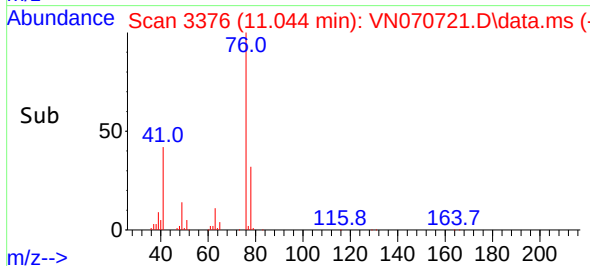
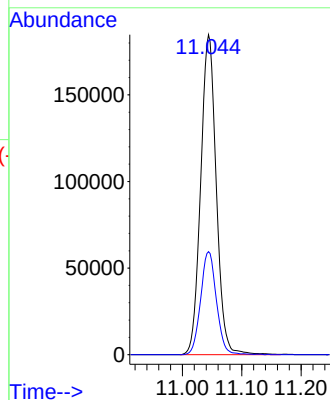
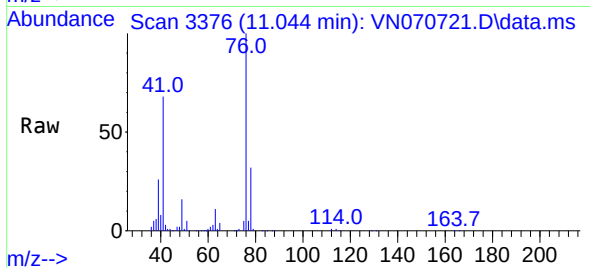
78 32.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/21/2022

Supervised By :Mahesh Dadoda 01/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 94.644 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. 0.003 min

Lab File: VN070721.D

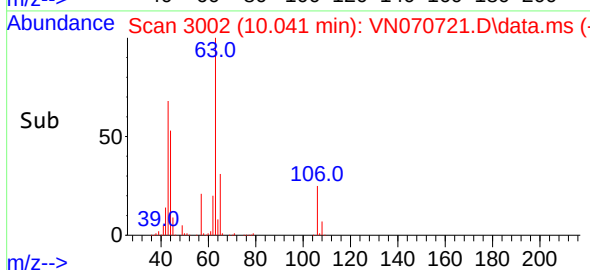
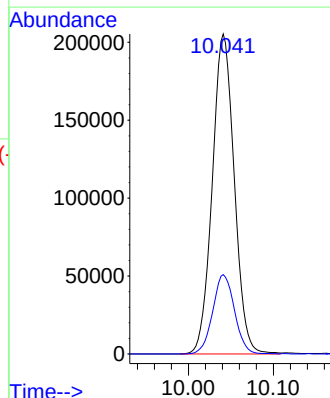
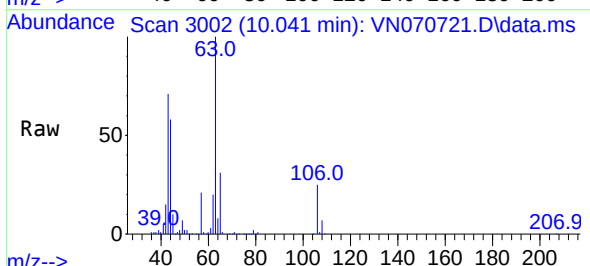
Acq: 20 Jan 2022 15:38

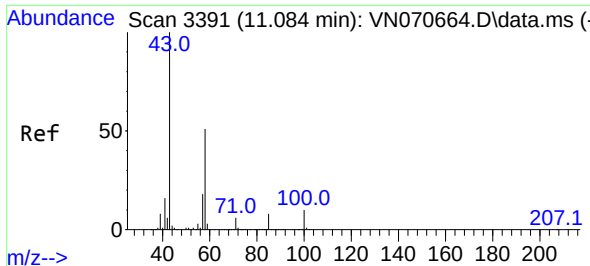
Tgt Ion: 63 Resp: 369269

Ion Ratio Lower Upper

63 100

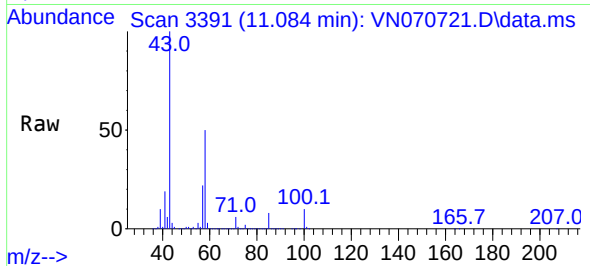
106 24.5 23.9 35.9





#59
2-Hexanone
Concen: 105.770 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

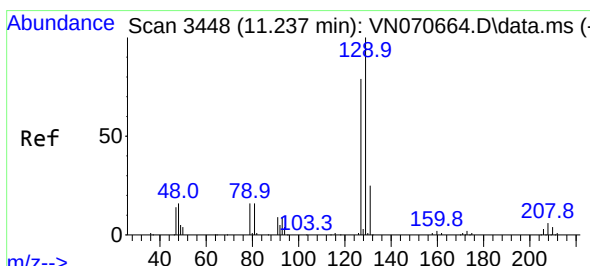
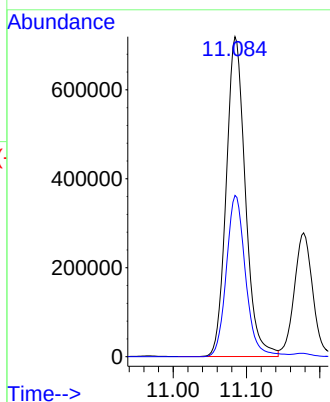
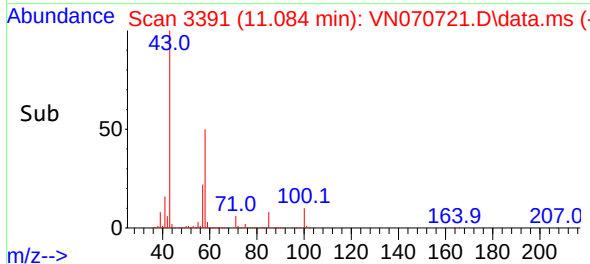
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



Tgt Ion: 43 Resp: 130273
Ion Ratio Lower Upper
43 100
58 50.8 26.9 80.7

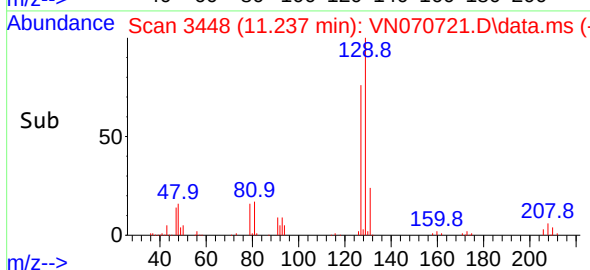
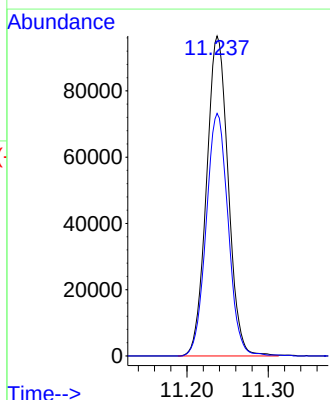
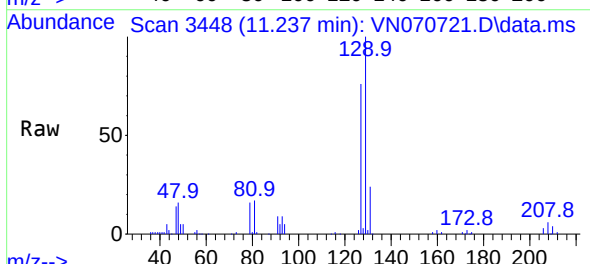
Manual Integrations
APPROVED

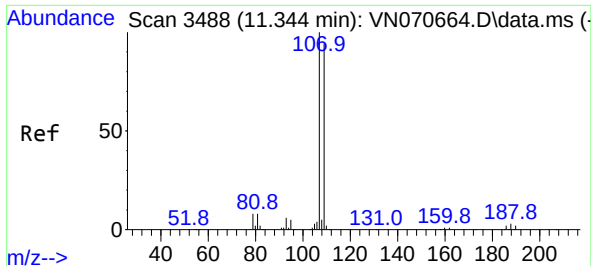
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#60
Dibromochloromethane
Concen: 20.121 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

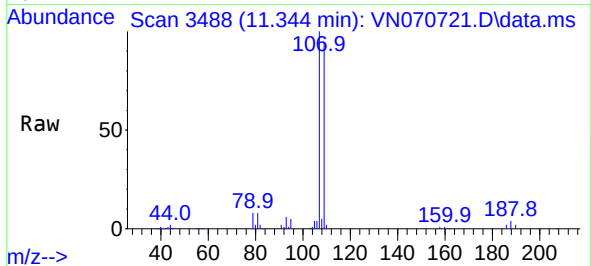
Tgt Ion:129 Resp: 179065
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.598 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

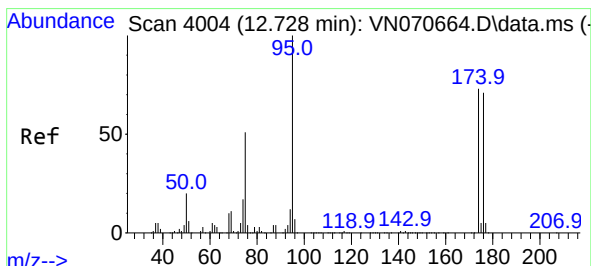
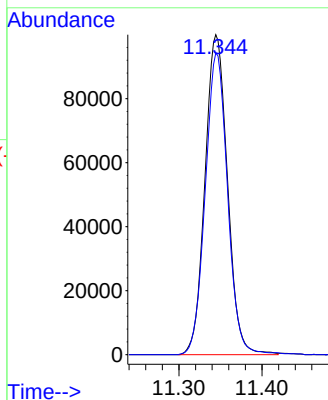
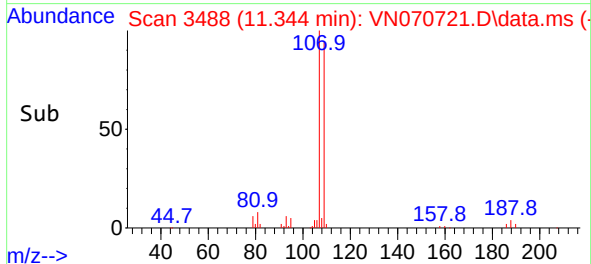
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



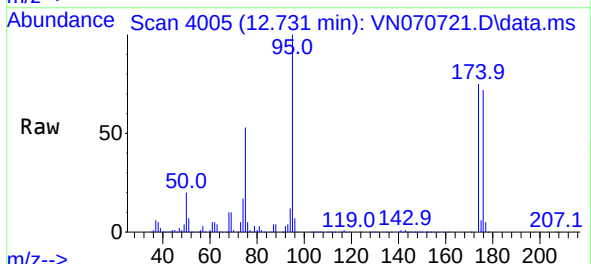
Tgt Ion:107 Resp: 18773
Ion Ratio Lower Upper
107 100
109 93.5 75.7 113.5

Manual Integrations
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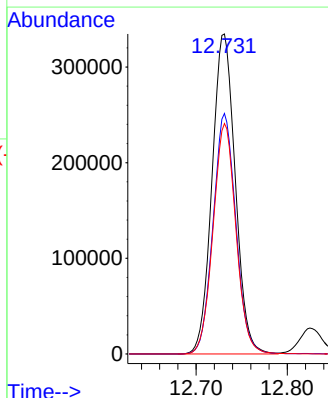
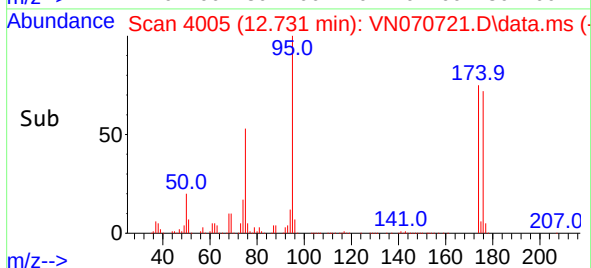
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

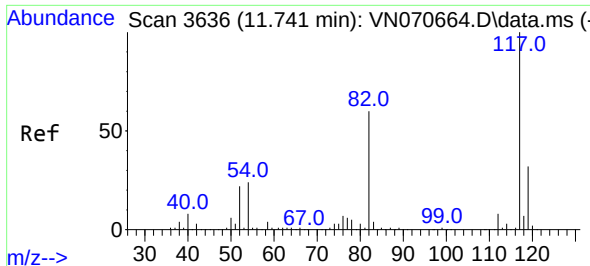


#62
4-Bromofluorobenzene
Concen: 50.634 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



Tgt Ion: 95 Resp: 591626
Ion Ratio Lower Upper
95 100
174 73.9 0.0 187.2
176 71.0 0.0 181.4





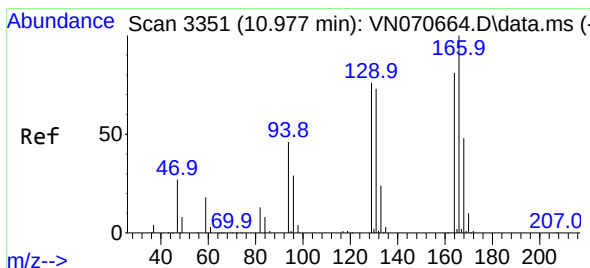
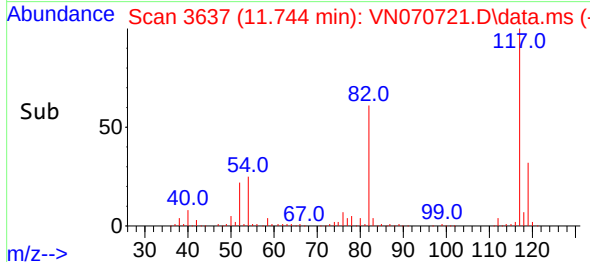
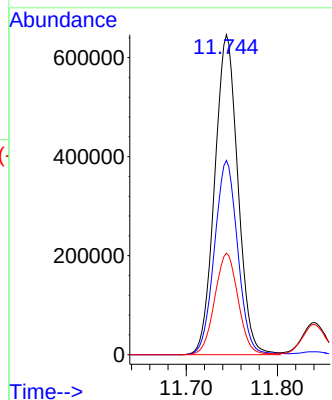
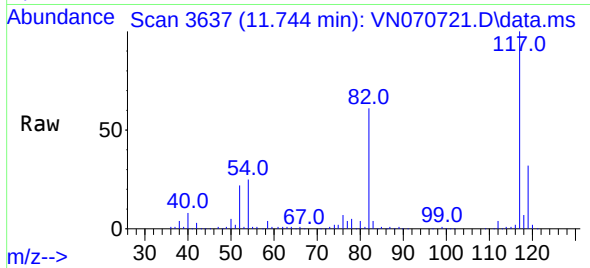
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion:117 Resp: 114339
Ion Ratio Lower Upper
117 100
82 60.7 42.4 63.6
119 31.7 25.4 38.2

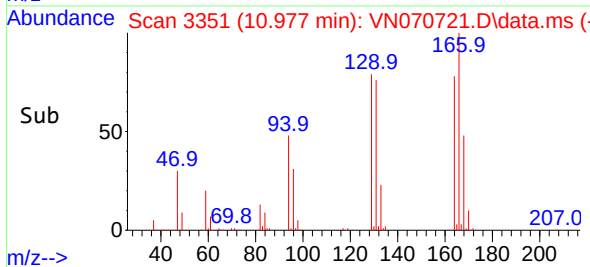
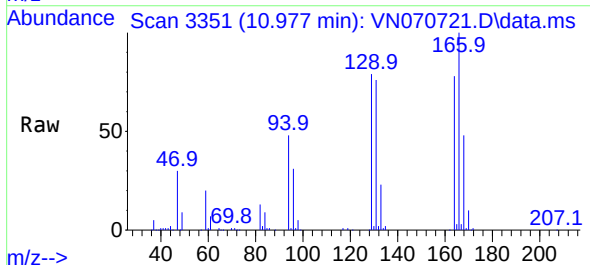
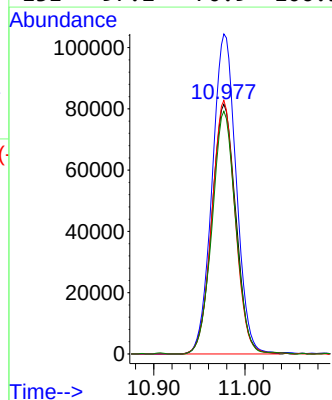
Manual Integrations
APPROVED

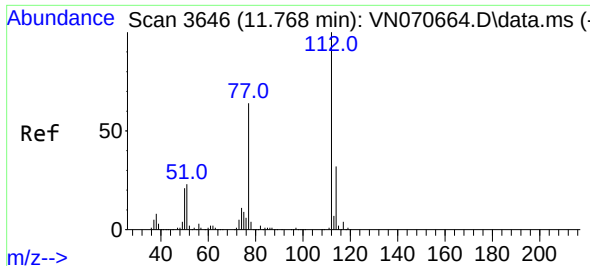
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#64
Tetrachloroethene
Concen: 17.771 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Tgt Ion:164 Resp: 148978
Ion Ratio Lower Upper
164 100
166 128.1 101.9 152.9
129 101.5 72.0 108.0
131 97.2 70.9 106.3





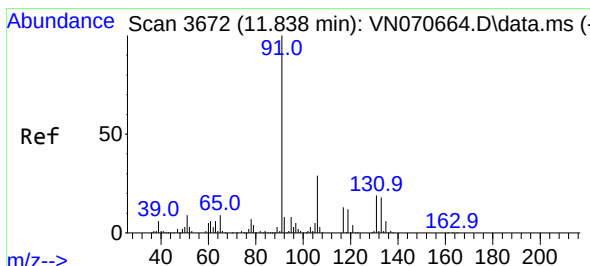
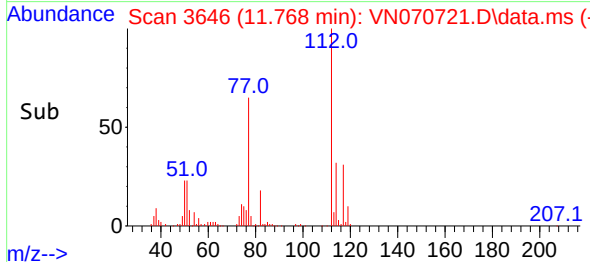
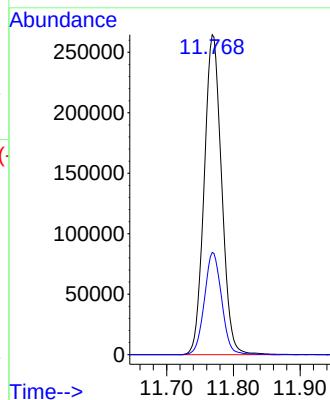
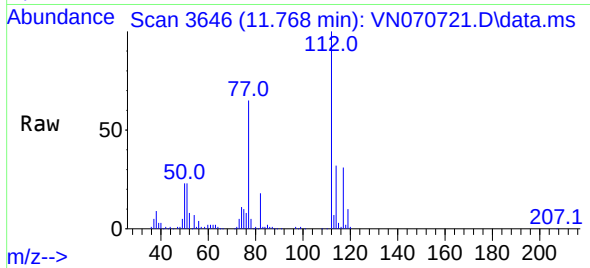
#65
Chlorobenzene
Concen: 19.364 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion:112 Resp: 47970
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

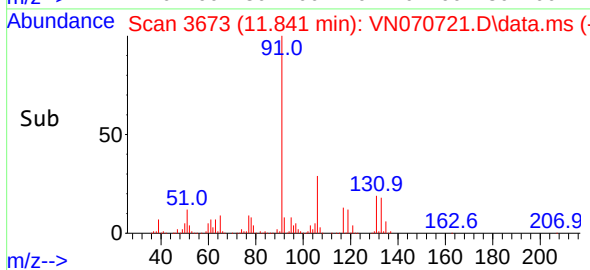
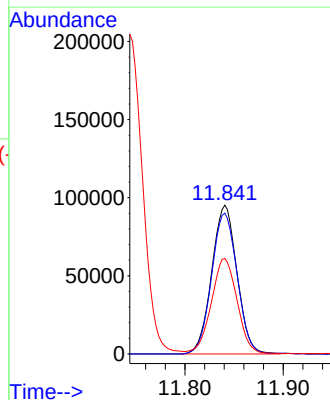
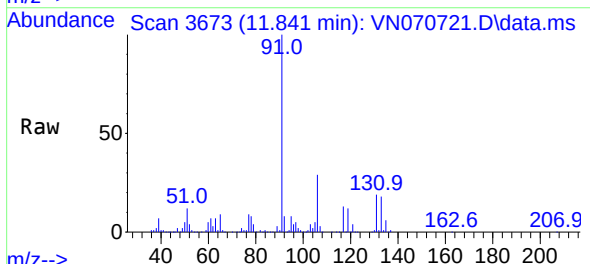
Manual Integrations
APPROVED

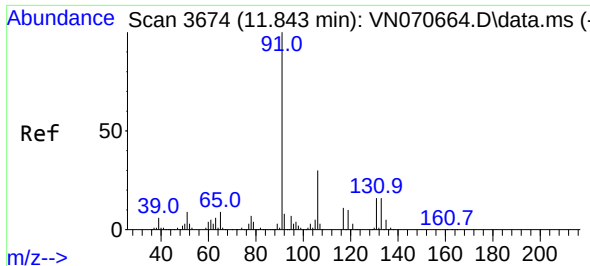
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.940 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Tgt Ion:131 Resp: 170106
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 65.3 32.1 96.5





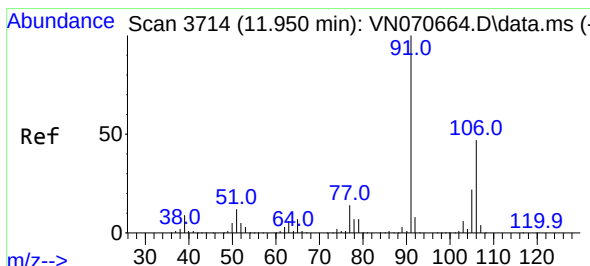
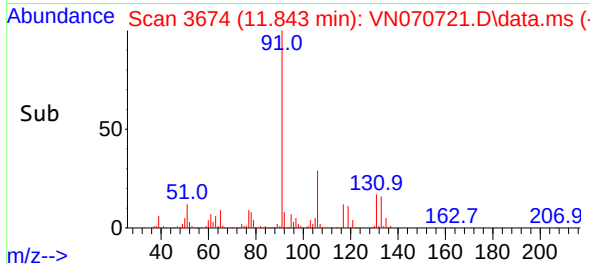
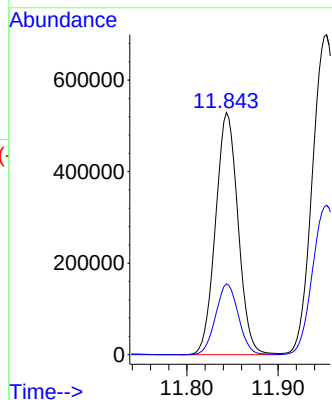
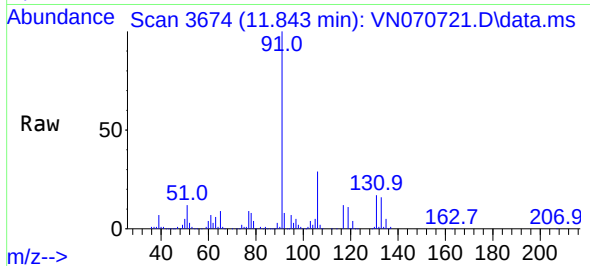
#67
Ethyl Benzene
Concen: 19.787 ug/l
RT: 11.843 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion: 91 Resp: 908790
Ion Ratio Lower Upper
91 100
106 29.2 25.7 38.5

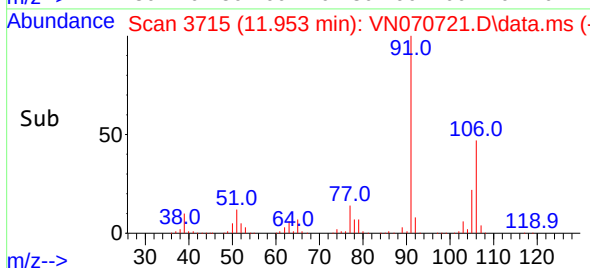
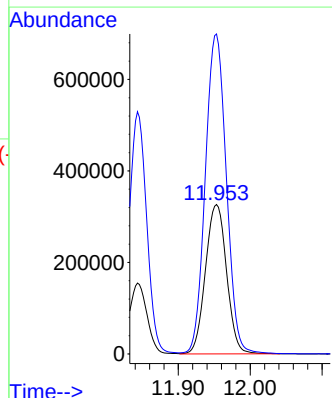
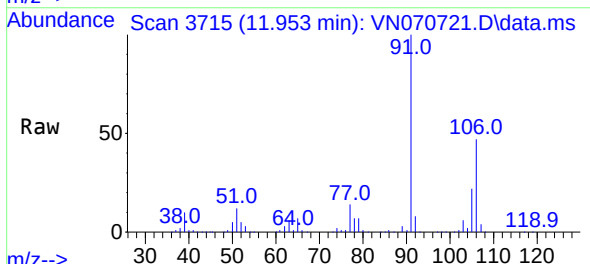
Manual Integrations
APPROVED

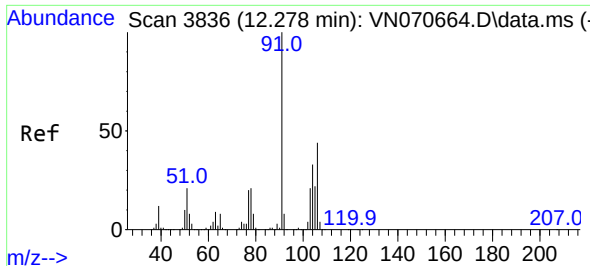
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#68
m/p-Xylenes
Concen: 39.905 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

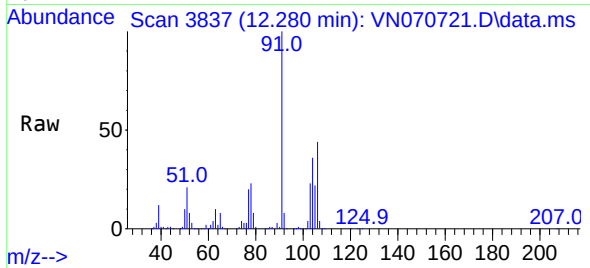
Tgt Ion:106 Resp: 666755
Ion Ratio Lower Upper
106 100
91 213.5 160.6 240.8





#69
o-Xylene
Concen: 19.784 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

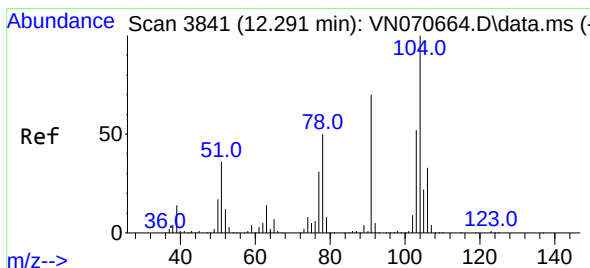
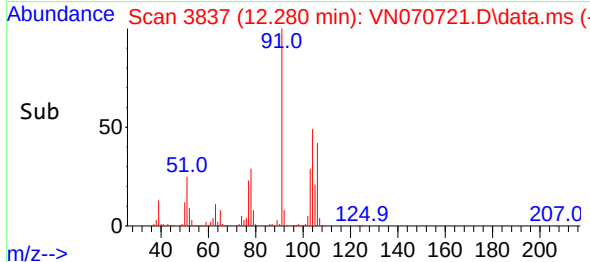
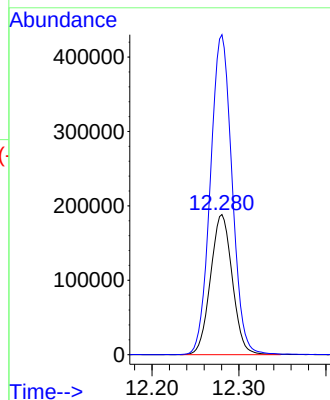
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



Tgt Ion:106 Resp: 328048
Ion Ratio Lower Upper
106 100
91 227.6 105.8 317.3

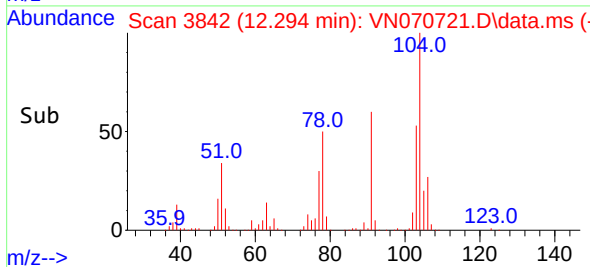
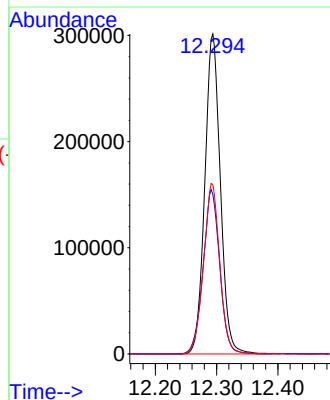
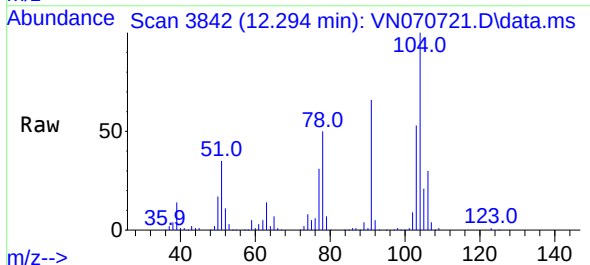
Manual Integrations
APPROVED

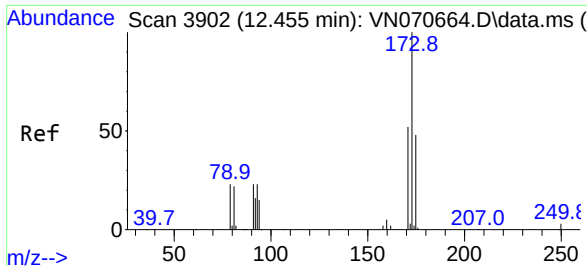
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#70
Styrene
Concen: 20.070 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

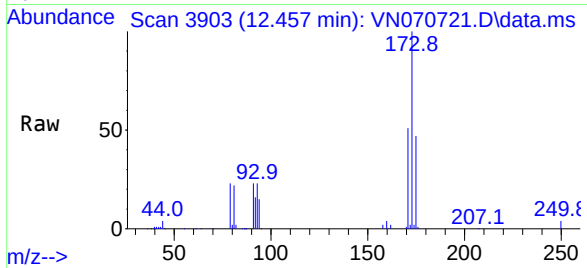
Tgt Ion:104 Resp: 532399
Ion Ratio Lower Upper
104 100
78 54.6 38.7 58.1
103 55.8 45.0 67.6





#71
Bromoform
Concen: 19.993 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.002 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

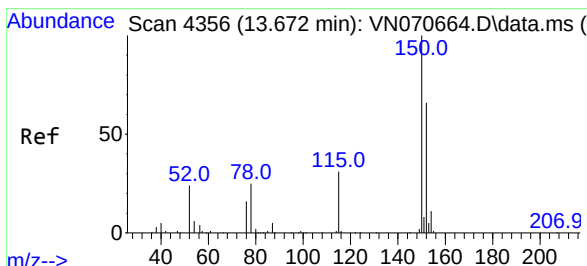
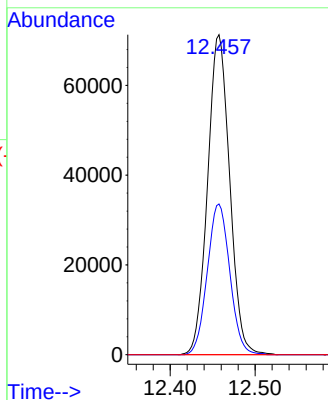
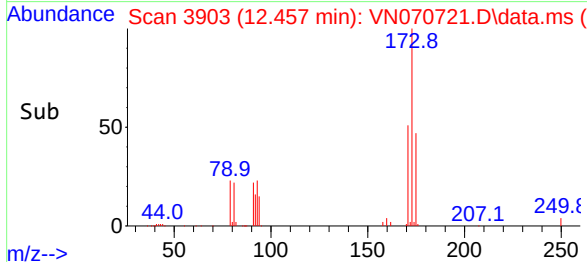
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



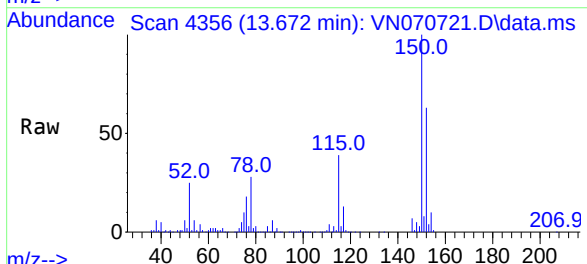
Tgt Ion:173 Resp: 12883
Ion Ratio Lower Upper
173 100
175 48.0 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

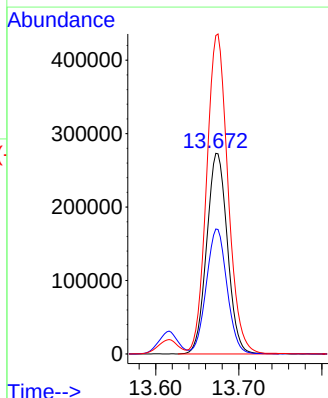
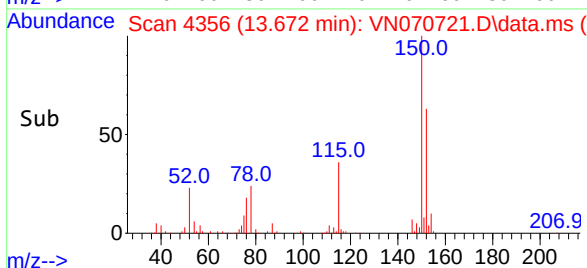
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

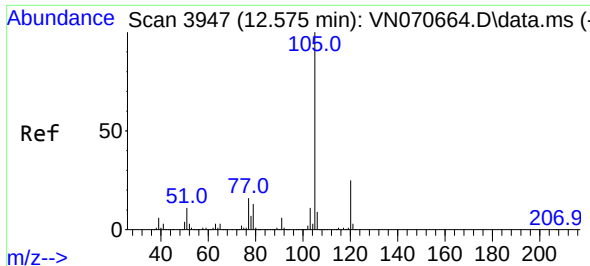


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



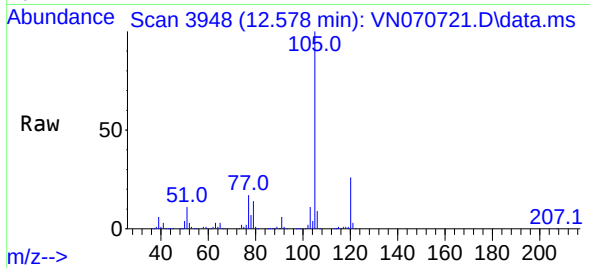
Tgt Ion:152 Resp: 473316
Ion Ratio Lower Upper
152 100
115 62.4 27.5 82.5
150 164.5 0.0 344.4





#73
Isopropylbenzene
Concen: 19.135 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

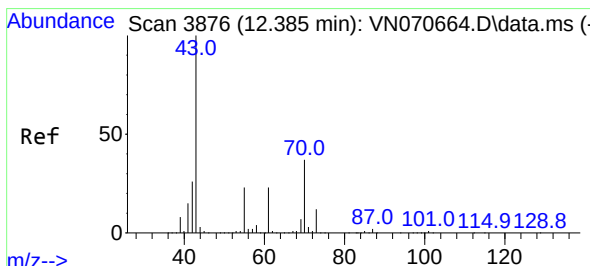
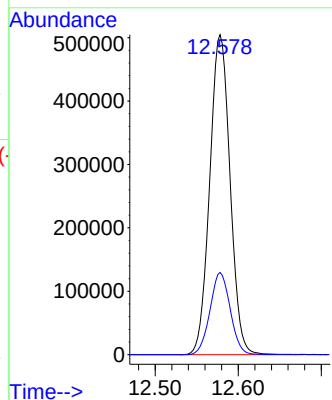
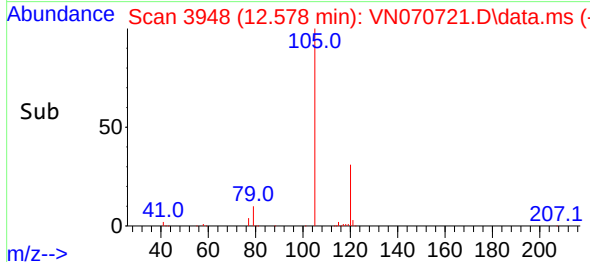
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



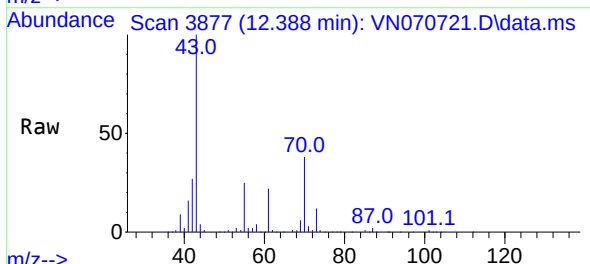
Tgt Ion:105 Resp: 85684
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
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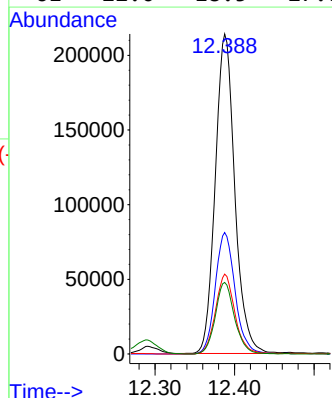
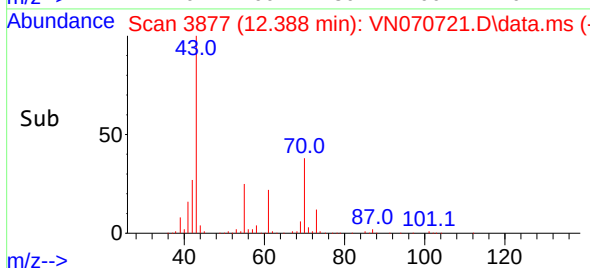
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

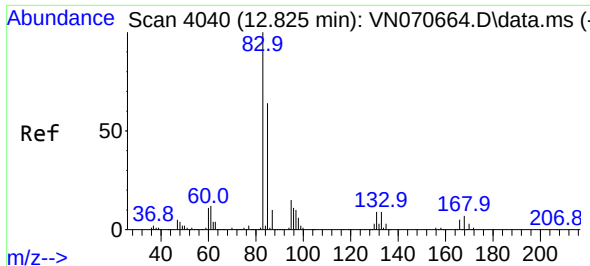


#74
N-ethyl acetate
Concen: 19.989 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



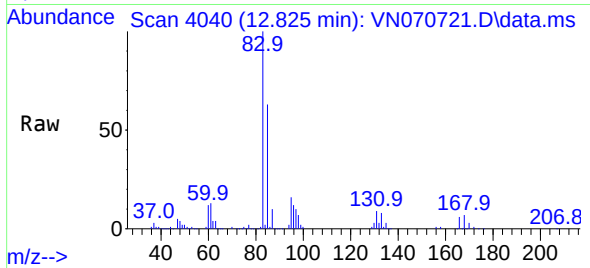
Tgt Ion: 43 Resp: 365966
Ion Ratio Lower Upper
43 100
70 38.5 33.4 50.0
55 24.8 19.3 28.9
61 22.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.042 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

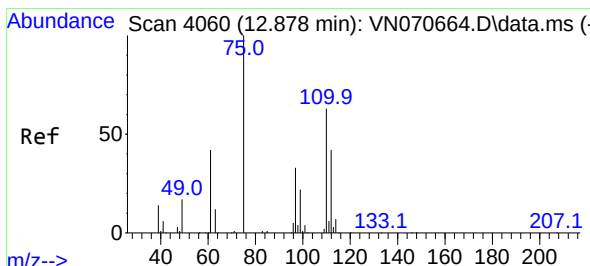
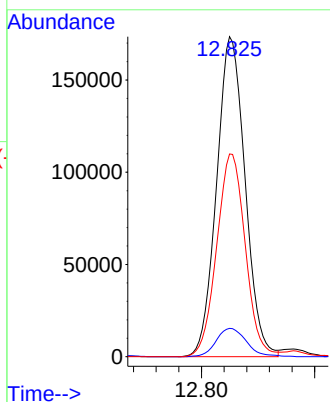
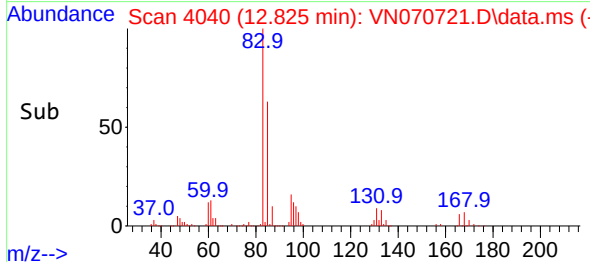
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



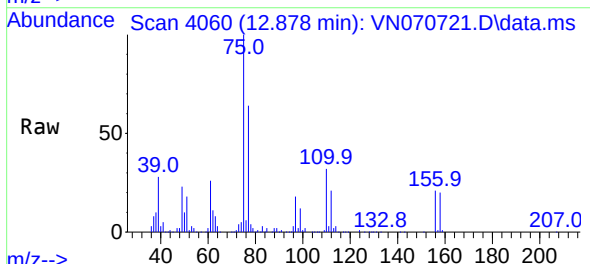
Tgt Ion: 83 Resp: 303083
Ion Ratio Lower Upper
83 100
131 9.4 5.5 16.5
85 63.4 32.4 97.2

Manual Integrations
APPROVED

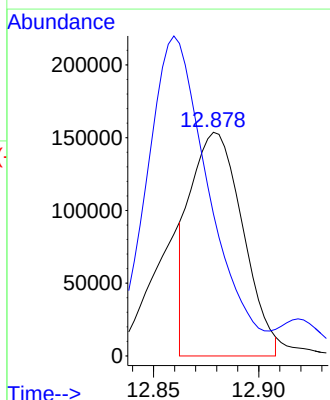
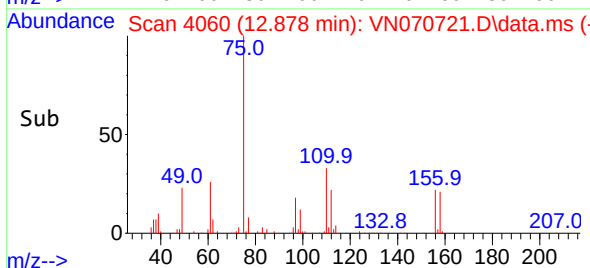
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

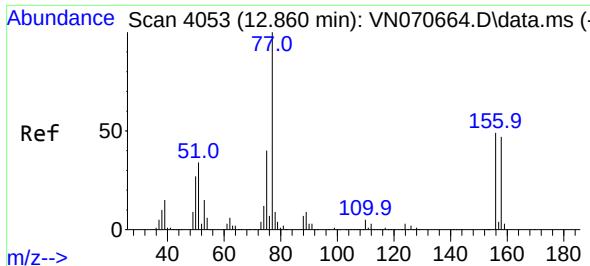


#76
1,2,3-Trichloropropane
Concen: 21.048 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



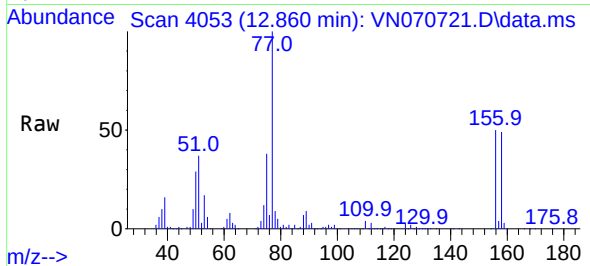
Tgt Ion: 75 Resp: 264225
Ion Ratio Lower Upper
75 100
77 173.0 82.6 247.8





#77
Bromobenzene
Concen: 19.281 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

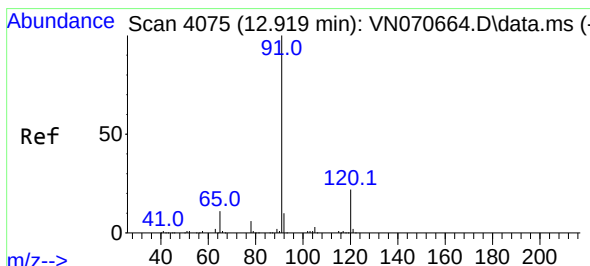
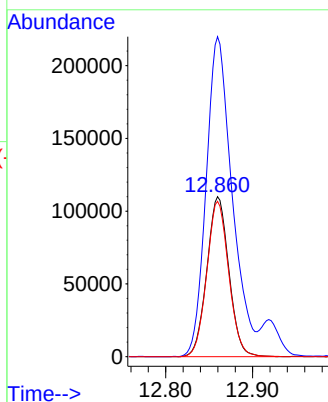
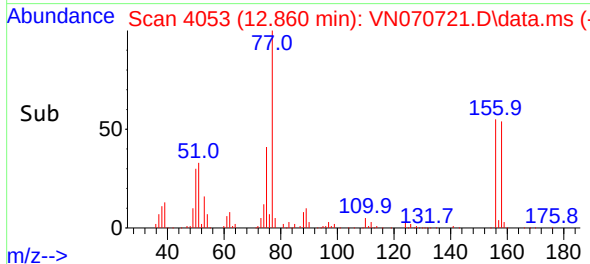
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



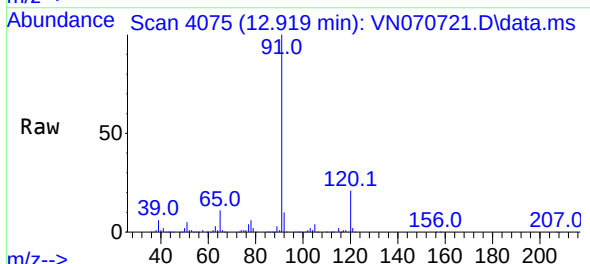
Tgt Ion:156 Resp: 19357
Ion Ratio Lower Upper
156 100
77 236.1 90.6 271.8
158 96.9 48.9 146.7

Manual Integrations
APPROVED

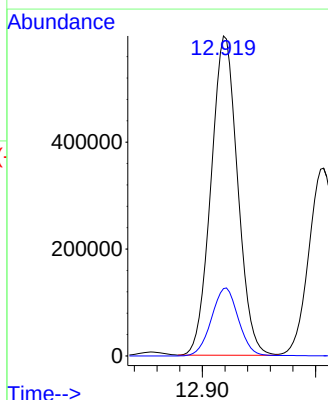
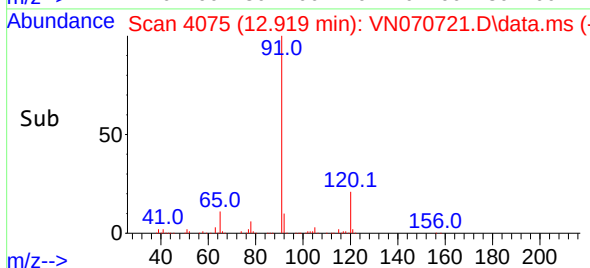
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

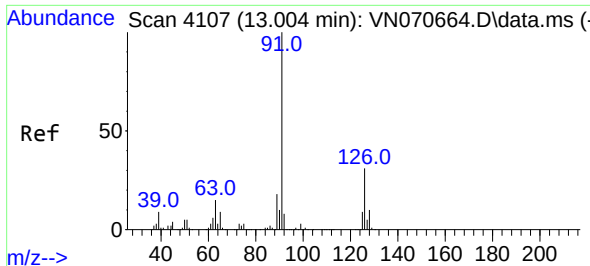


#78
n-propylbenzene
Concen: 19.434 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



Tgt Ion: 91 Resp: 973200
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





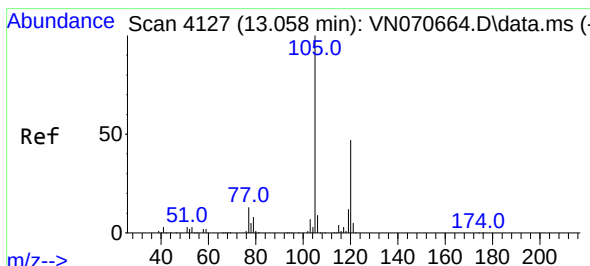
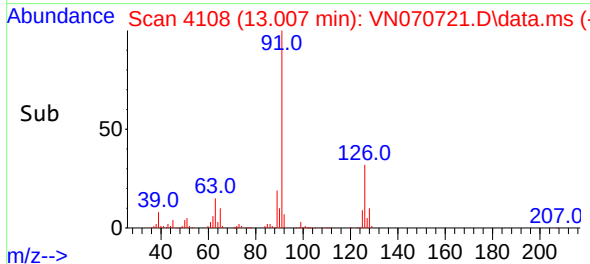
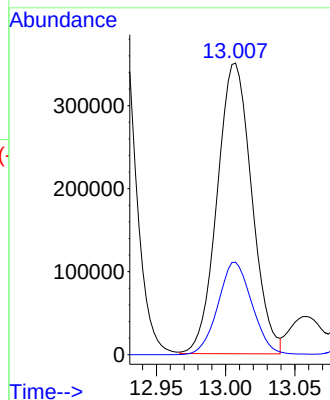
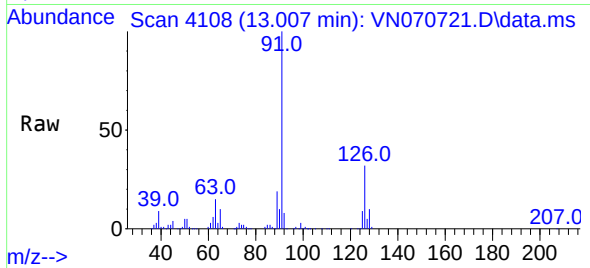
#79
2-Chlorotoluene
Concen: 19.229 ug/l
RT: 13.007 min Scan# 4107
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion: 91 Resp: 60914
Ion Ratio Lower Upper
91 100
126 31.4 18.3 54.8

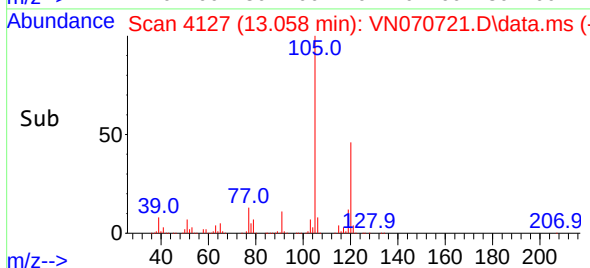
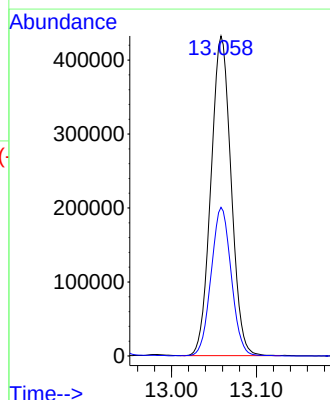
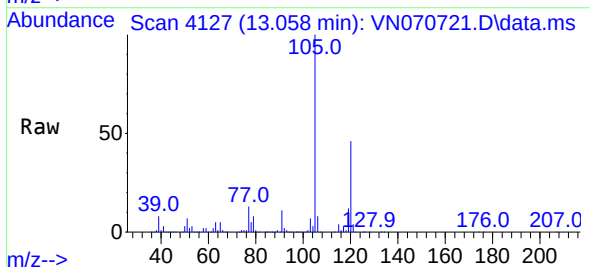
Manual Integrations
APPROVED

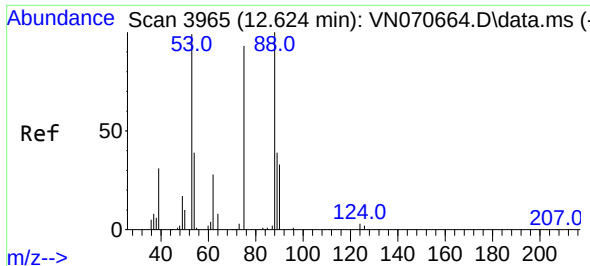
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.653 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

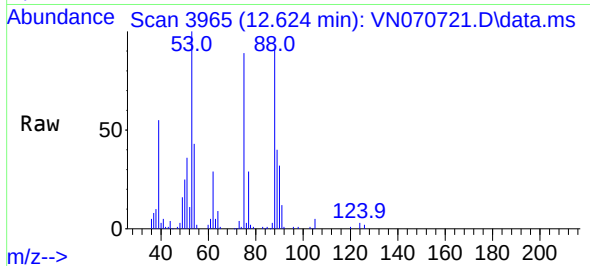
Tgt Ion:105 Resp: 711640
Ion Ratio Lower Upper
105 100
120 46.5 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.499 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

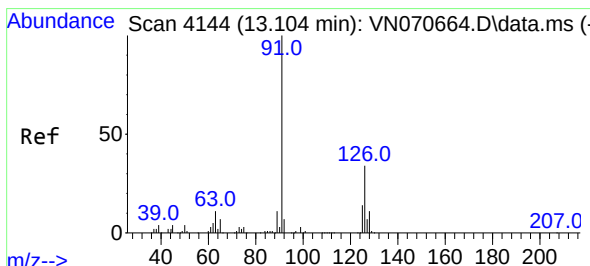
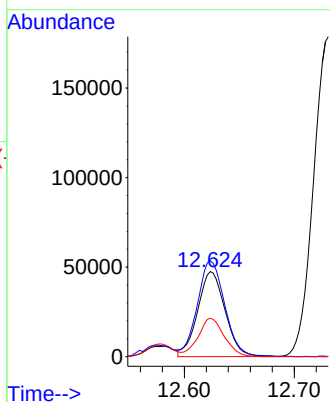
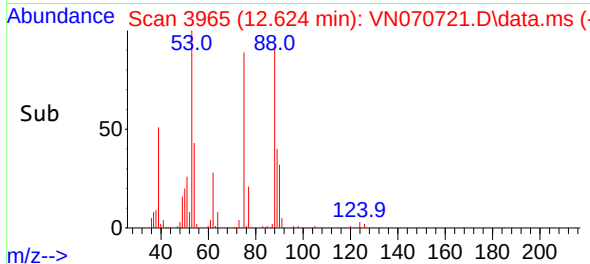
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



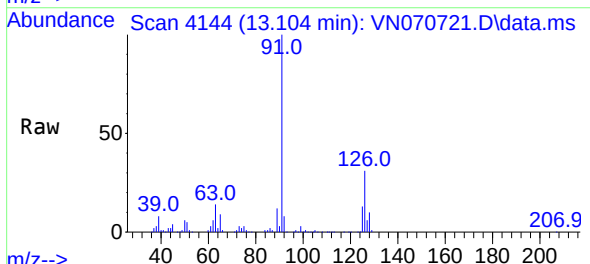
Tgt Ion: 75 Resp: 8216
Ion Ratio Lower Upper
75 100
53 113.1 90.5 135.7
89 43.3 38.2 57.4

Manual Integrations
APPROVED

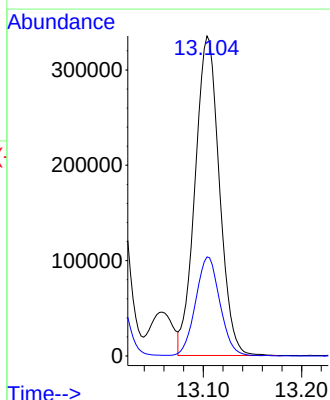
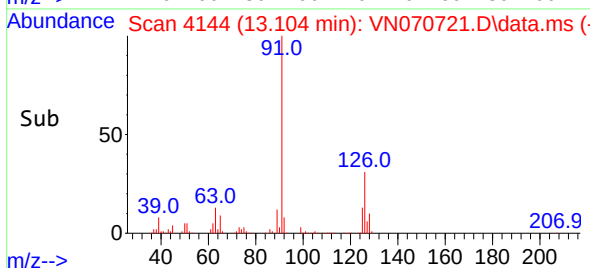
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

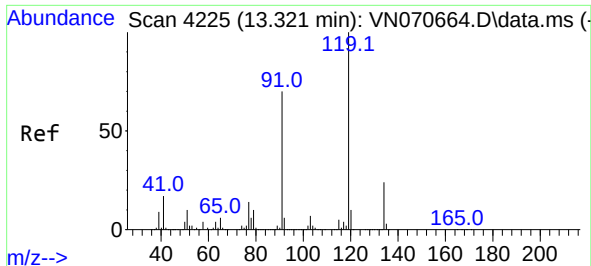


#82
4-Chlorotoluene
Concen: 19.363 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



Tgt Ion: 91 Resp: 573100
Ion Ratio Lower Upper
91 100
126 30.9 18.2 54.6





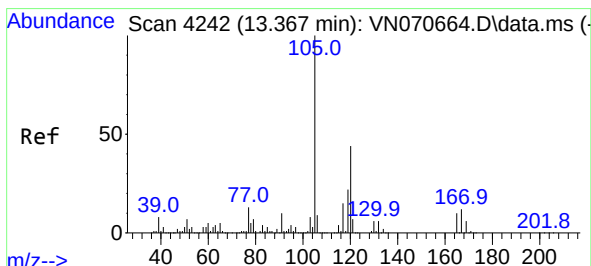
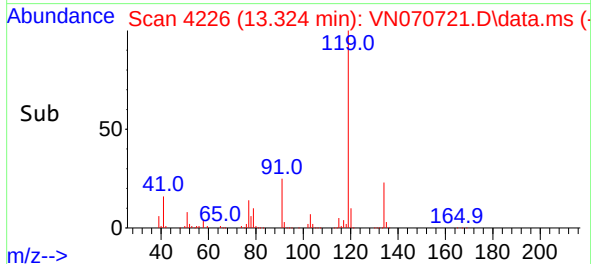
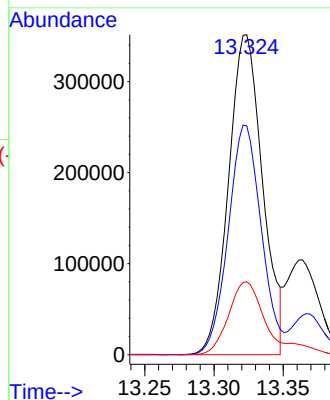
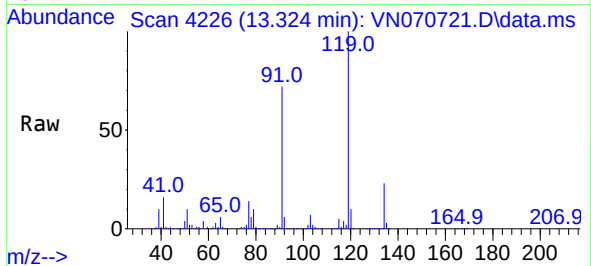
#83
tert-Butylbenzene
Concen: 19.062 ug/l
RT: 13.324 min Scan# 4225
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion:119 Resp: 60084
Ion Ratio Lower Upper
119 100
91 70.0 31.5 94.5
134 25.7 12.4 37.4

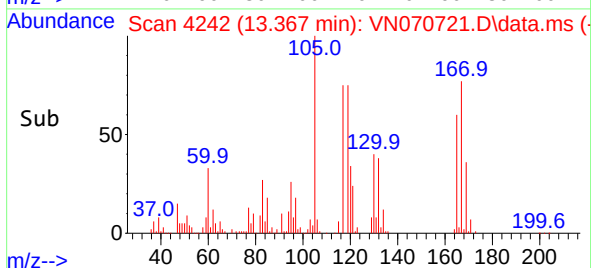
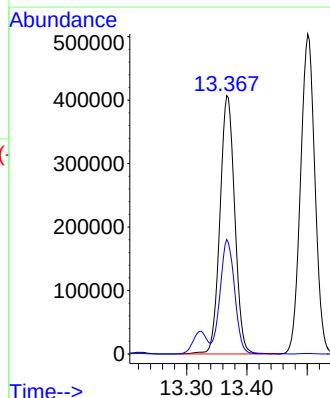
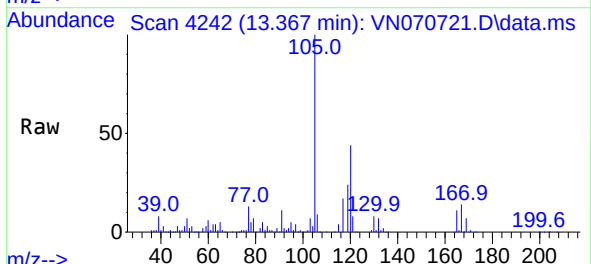
Manual Integrations
APPROVED

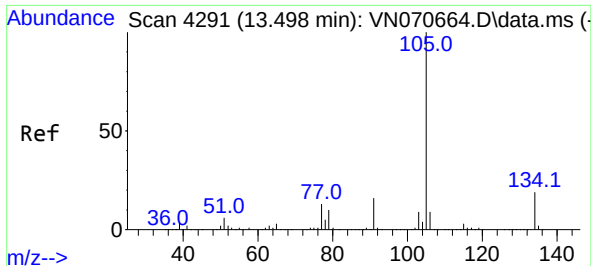
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.909 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

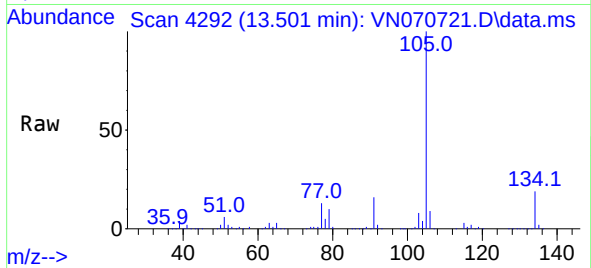
Tgt Ion:105 Resp: 692980
Ion Ratio Lower Upper
105 100
120 43.4 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 19.447 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. 0.003 min
 Lab File: VN070721.D
 Acq: 20 Jan 2022 15:38

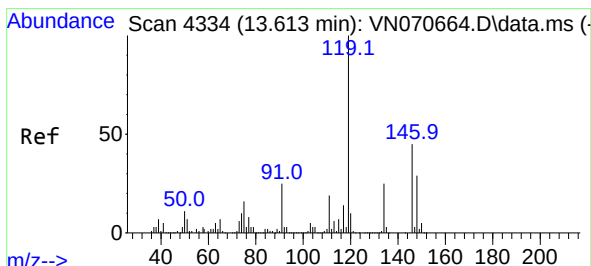
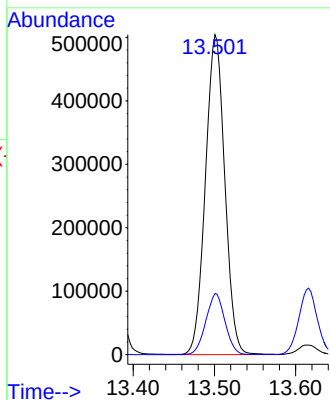
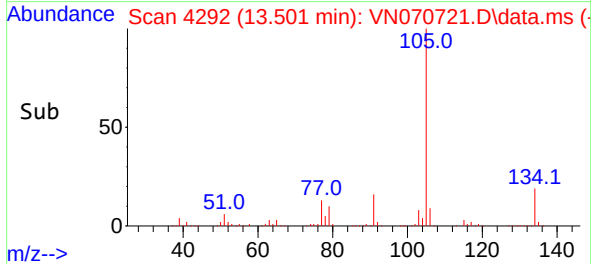
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBSD01



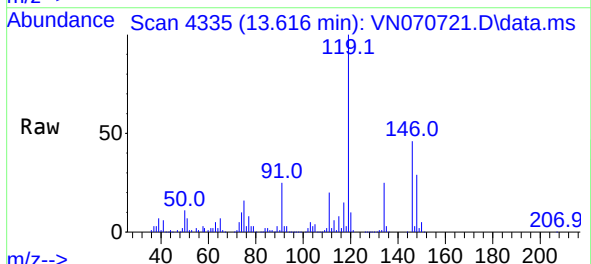
Tgt Ion:105 Resp: 833348
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.4 31.1

Manual Integrations
 APPROVED

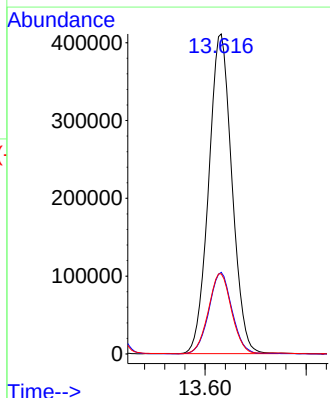
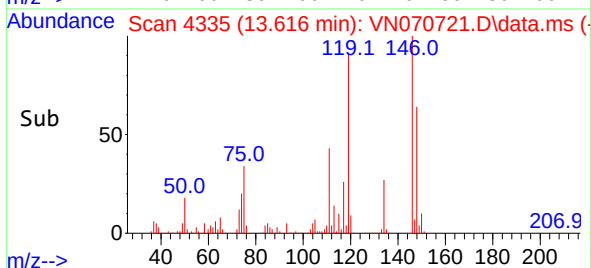
Reviewed By :John Carlone 01/21/2022
 Supervised By :Mahesh Dadoda 01/21/2022

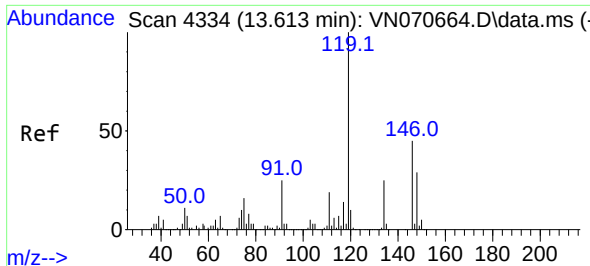


#86
 p-Isopropyltoluene
 Concen: 19.489 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070721.D
 Acq: 20 Jan 2022 15:38



Tgt Ion:119 Resp: 656064
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.6 40.7
 91 25.0 11.4 34.1





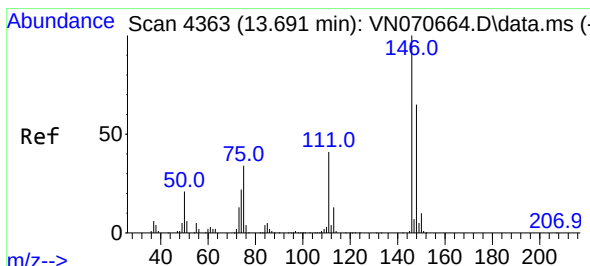
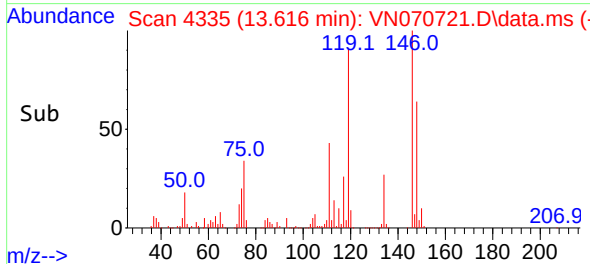
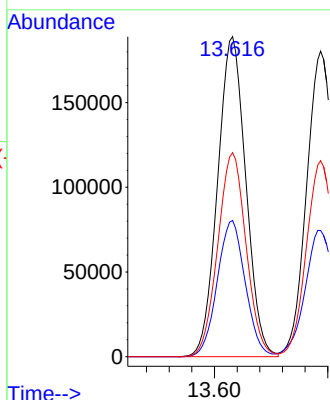
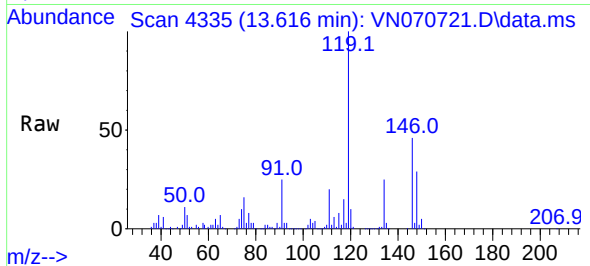
#87
1,3-Dichlorobenzene
Concen: 19.553 ug/l
RT: 13.616 min Scan# 4334
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01

Tgt Ion:146 Resp: 326548
Ion Ratio Lower Upper
146 100
111 42.3 18.6 55.6
148 64.2 31.6 95.0

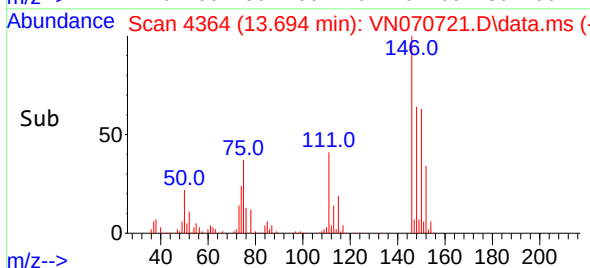
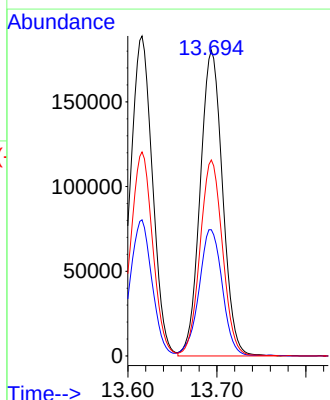
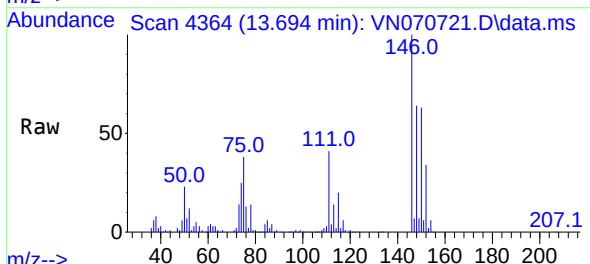
Manual Integrations
APPROVED

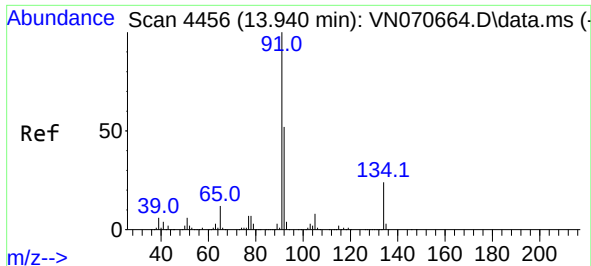
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#88
1,4-Dichlorobenzene
Concen: 19.002 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Tgt Ion:146 Resp: 315823
Ion Ratio Lower Upper
146 100
111 42.6 18.3 54.8
148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 18.534 ug/l

RT: 13.943 min Scan# 4456

Delta R.T. 0.003 min

Lab File: VN070721.D

Acq: 20 Jan 2022 15:38

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBSD01

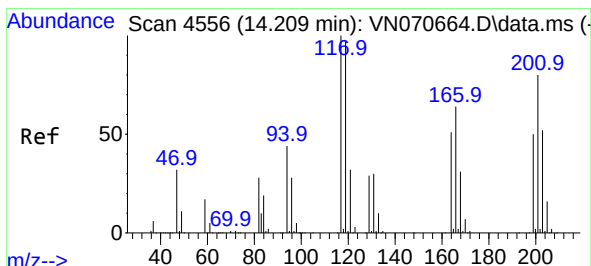
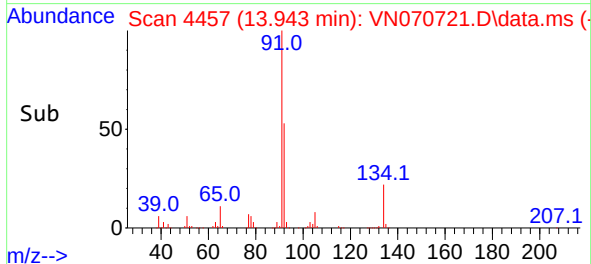
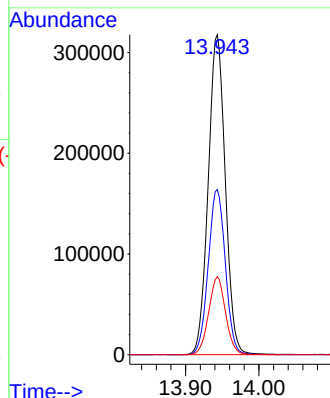
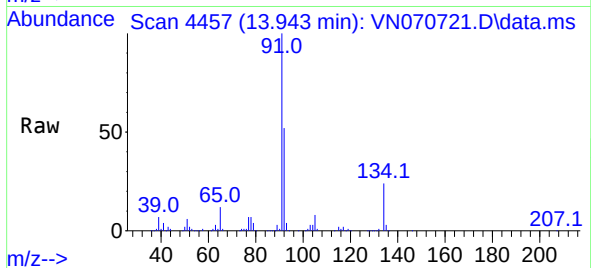
Tgt Ion: 91	Resp: 514720
Ion Ratio	Lower Upper
91	100
92	51.7 25.4 76.0
134	24.1 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/21/2022

Supervised By :Mahesh Dadoda 01/21/2022



#90

Hexachloroethane

Concen: 19.282 ug/l

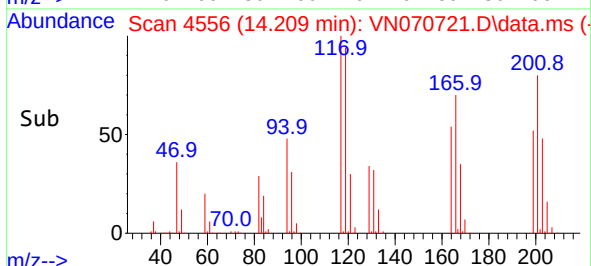
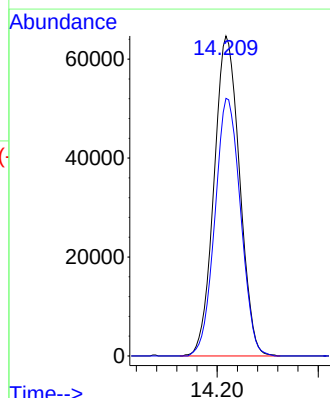
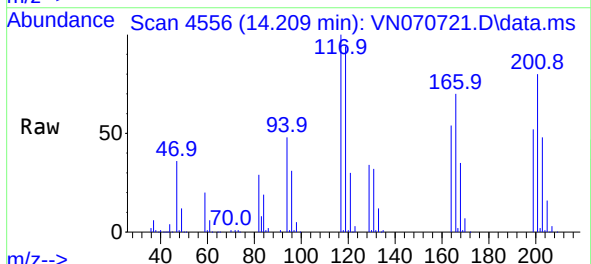
RT: 14.209 min Scan# 4556

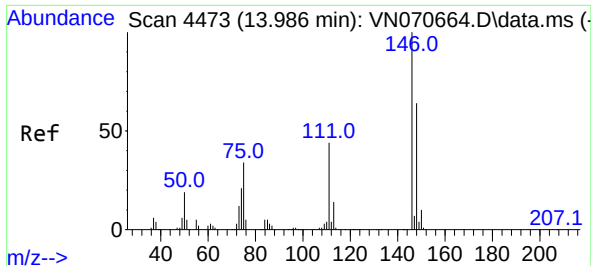
Delta R.T. -0.000 min

Lab File: VN070721.D

Acq: 20 Jan 2022 15:38

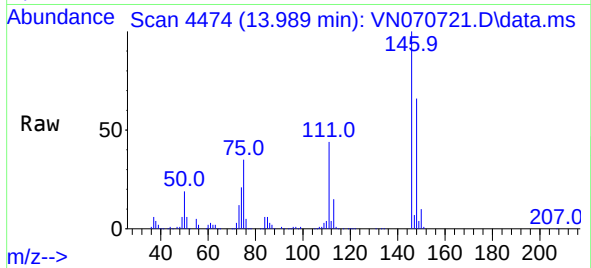
Tgt Ion: 117	Resp: 113465
Ion Ratio	Lower Upper
117	100
201	80.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.345 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

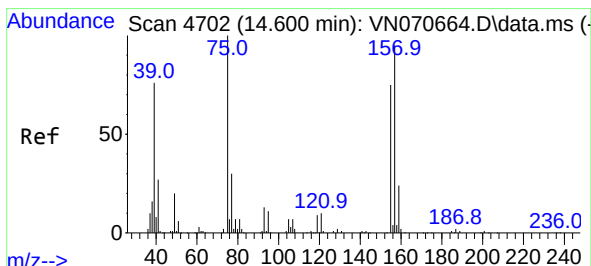
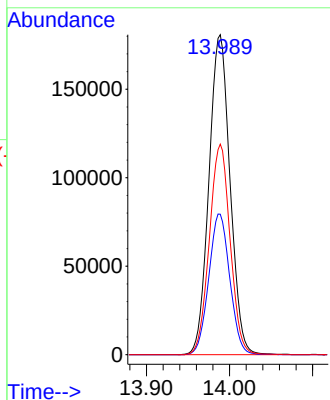
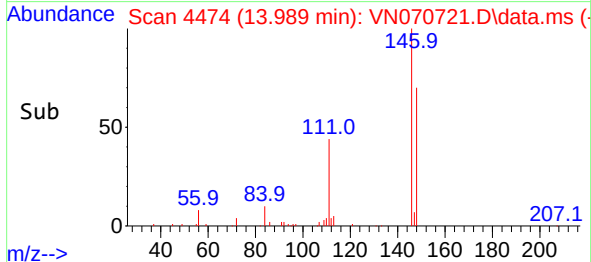
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



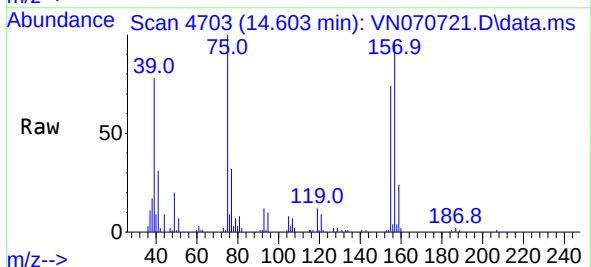
Tgt Ion:146 Resp: 319204
Ion Ratio Lower Upper
146 100
111 43.8 19.1 57.3
148 64.9 32.1 96.3

Manual Integrations
APPROVED

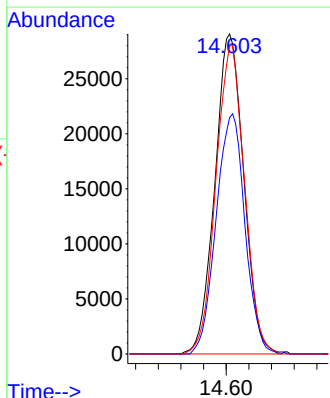
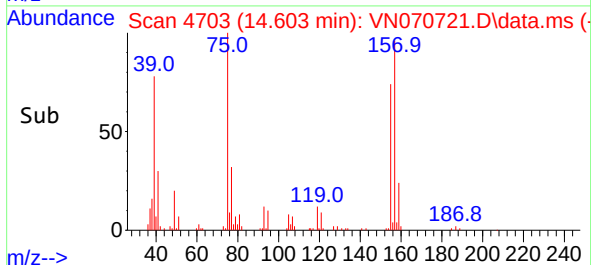
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

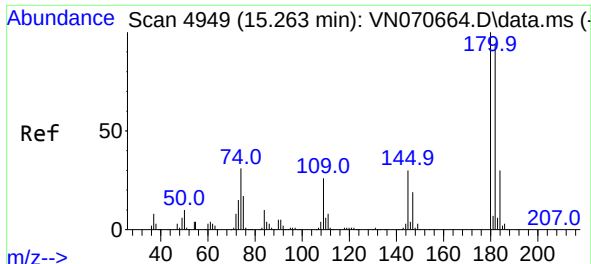


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.018 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



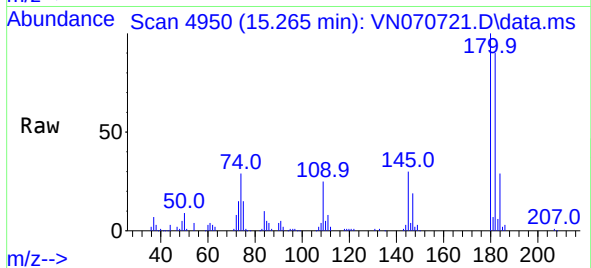
Tgt Ion: 75 Resp: 51352
Ion Ratio Lower Upper
75 100
155 75.0 46.9 140.7
157 95.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.842 ug/l
RT: 15.265 min Scan# 4949
Delta R.T. 0.002 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

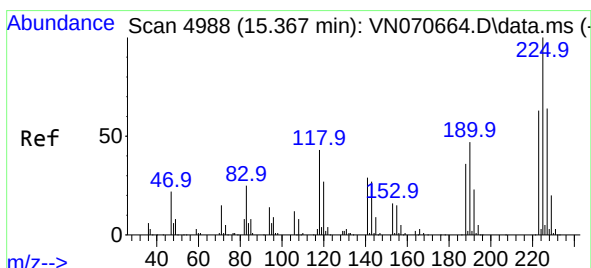
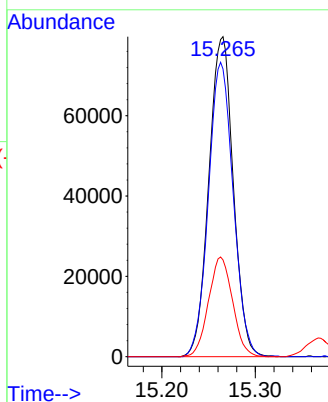
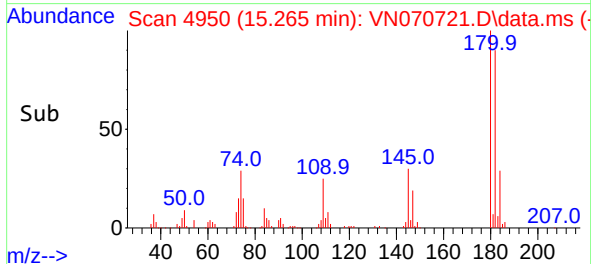
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBSD01



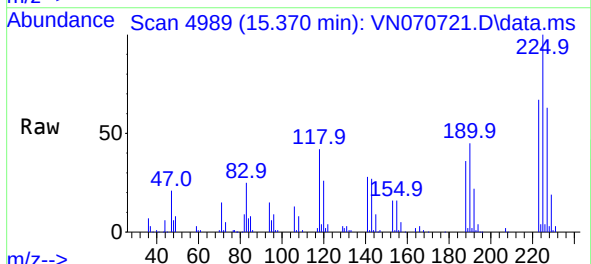
Tgt Ion:180 Resp: 144720
Ion Ratio Lower Upper
180 100
182 93.4 48.3 144.9
145 30.7 14.5 43.5

Manual Integrations
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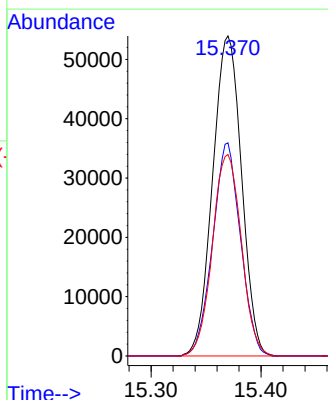
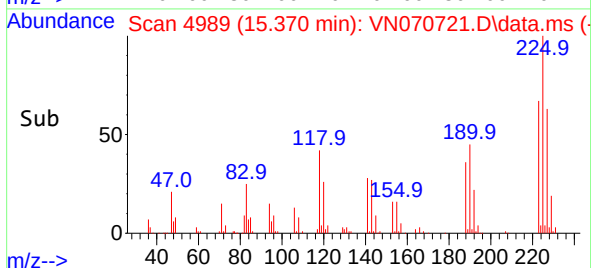
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

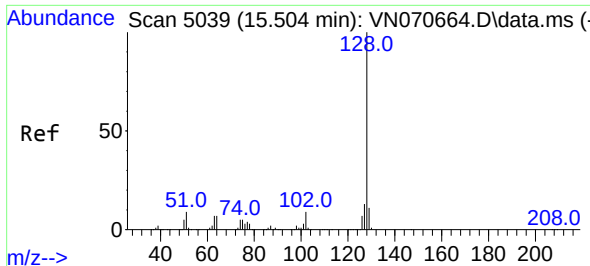


#94
Hexachlorobutadiene
Concen: 20.168 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38



Tgt Ion:225 Resp: 98558
Ion Ratio Lower Upper
225 100
223 64.1 31.9 95.7
227 63.1 32.1 96.3





#95
Naphthalene
Concen: 18.222 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Instrument :

MSVOA_N

ClientSampleId :

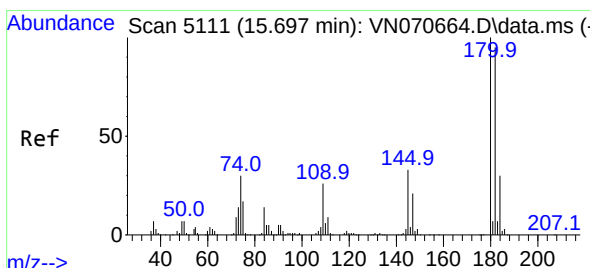
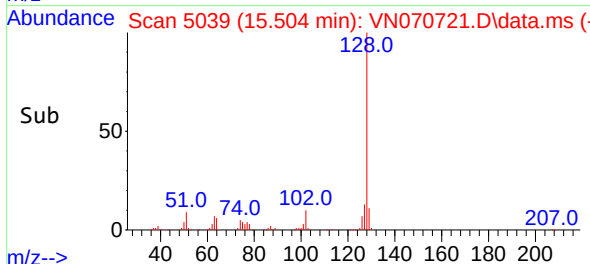
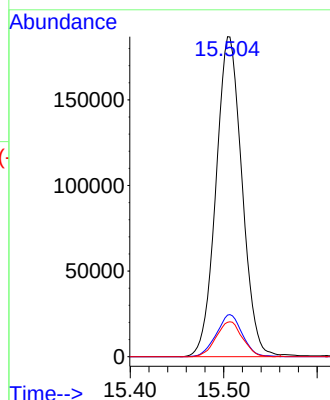
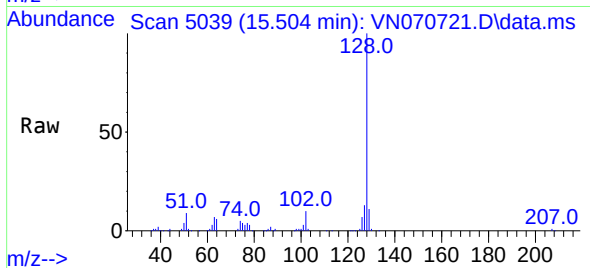
VN0120WBSD01

Tgt Ion:128 Resp: 36155
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.787 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.003 min
Lab File: VN070721.D
Acq: 20 Jan 2022 15:38

Tgt Ion:180 Resp: 139100
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 32.8 15.0 45.1

