

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070622.D
 Acq On : 14 Jan 2022 14:47
 Operator : JC/MD
 Sample : VN0114WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 17 08:37:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	865778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1399453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1297149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	530514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	578984	46.511	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.020%		
35) Dibromofluoromethane	8.021	113	419776	49.576	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.160%		
50) Toluene-d8	10.440	98	1659453	47.975	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.940%		
62) 4-Bromofluorobenzene	12.731	95	610066	48.832	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	145090	14.777	ug/l	100
3) Chloromethane	2.303	50	209169	15.661	ug/l	98
4) Vinyl Chloride	2.446	62	184343	15.160	ug/l	97
5) Bromomethane	2.848	94	119976	19.116	ug/l	97
6) Chloroethane	3.017	64	127726	17.442	ug/l	96
7) Trichlorofluoromethane	3.373	101	253380	17.312	ug/l	100
8) Diethyl Ether	3.824	74	121630	18.851	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.205	101	157198	17.560	ug/l	94
10) Methyl Iodide	4.417	142	199225	16.445	ug/l	98
11) Tert butyl alcohol	5.385	59	237091	114.388	ug/l	98
12) 1,1-Dichloroethene	4.178	96	145523	16.504	ug/l	93
13) Acrolein	4.041	56	115109	68.446	ug/l	98
14) Allyl chloride	4.838	41	358569	17.936	ug/l #	83
15) Acrylonitrile	5.557	53	696292	107.653	ug/l	98
16) Acetone	4.288	43	704479	87.179	ug/l	98
17) Carbon Disulfide	4.524	76	338008	14.043	ug/l	100
18) Methyl Acetate	4.857	43	488996	20.919	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	632191	19.306	ug/l	92
20) Methylene Chloride	5.093	84	198628	17.766	ug/l	86
21) trans-1,2-Dichloroethene	5.600	96	157624	16.883	ug/l	88
22) Diisopropyl ether	6.498	45	773772	19.872	ug/l	92
23) Vinyl Acetate	6.434	43	2978665	98.595	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	368309	18.242	ug/l	98
25) 2-Butanone	7.337	43	1037508	101.969	ug/l	91
26) 2,2-Dichloropropane	7.324	77	263821	16.564	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	200852	18.030	ug/l	86
28) Bromochloromethane	7.657	49	199528	20.207	ug/l #	75
29) Tetrahydrofuran	7.689	42	671660	110.641	ug/l	87
30) Chloroform	7.818	83	486802	24.993	ug/l	97
31) Cyclohexane	8.094	56	343995	17.512	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	282289	17.188	ug/l	97
36) 1,1-Dichloropropene	8.220	75	245542	17.530	ug/l	96
37) Ethyl Acetate	7.415	43	380904	20.979	ug/l	97
38) Carbon Tetrachloride	8.204	117	219607	16.419	ug/l	99
39) Methylcyclohexane	9.459	83	287998	16.983	ug/l #	86
40) Benzene	8.461	78	797168	18.563	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	196711	21.661	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	293292	18.170	ug/l	99
43) Isopropyl Acetate	8.563	43	584698	20.426	ug/l #	95
44) Trichloroethene	9.217	130	178600	17.503	ug/l	93
45) 1,2-Dichloropropane	9.491	63	226719	19.608	ug/l	99
46) Dibromomethane	9.577	93	135586	18.858	ug/l	95
47) Bromodichloromethane	9.762	83	274818	19.250	ug/l	99
48) Methyl methacrylate	9.561	41	264923	19.402	ug/l #	85
49) 1,4-Dioxane	9.569	88	97739	489.005	ug/l #	84
51) 4-Methyl-2-Pentanone	10.331	43	1993089	110.805	ug/l	98
52) Toluene	10.505	92	489163	18.819	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	287833	18.624	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	316593	18.937	ug/l	97
55) 1,1,2-Trichloroethane	10.899	97	206986	20.126	ug/l	97
56) Ethyl methacrylate	10.762	69	345069	20.306	ug/l	89
57) 1,3-Dichloropropane	11.044	76	360480	19.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	543542	134.462	ug/l	90
59) 2-Hexanone	11.087	43	1462587	111.501	ug/l	95
60) Dibromochloromethane	11.240	129	188609	18.796	ug/l	100
61) 1,2-Dibromoethane	11.347	107	198142	18.974	ug/l	100
64) Tetrachloroethene	10.980	164	163372	17.393	ug/l	96
65) Chlorobenzene	11.771	112	508865	18.489	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	180101	18.330	ug/l	99
67) Ethyl Benzene	11.846	91	939479	18.630	ug/l	95
68) m/p-Xylenes	11.953	106	677378	36.902	ug/l	90
69) o-Xylene	12.280	106	342134	18.739	ug/l	92
70) Styrene	12.294	104	557678	19.299	ug/l	96
71) Bromoform	12.457	173	138885	19.046	ug/l #	99
73) Isopropylbenzene	12.578	105	898048	18.229	ug/l	97
74) N-amyl acetate	12.390	43	397026	19.166	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	333020	19.604	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	296147m	20.559	ug/l	
77) Bromobenzene	12.860	156	205934	18.207	ug/l	74
78) n-propylbenzene	12.921	91	1010733	18.516	ug/l	96
79) 2-Chlorotoluene	13.007	91	633595	18.090	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	732188	18.546	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	86222	19.857	ug/l	98
82) 4-Chlorotoluene	13.106	91	596834	18.192	ug/l	92
83) tert-Butylbenzene	13.324	119	628104	18.068	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	708267	18.631	ug/l	98
85) sec-Butylbenzene	13.501	105	871011	18.455	ug/l	96
86) p-Isopropyltoluene	13.616	119	687158	18.535	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	345518	18.248	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	336452	18.014	ug/l	96
89) n-Butylbenzene	13.943	91	552246	17.858	ug/l	96
90) Hexachloroethane	14.211	117	115800	17.979	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	338297	18.225	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	55829	19.562	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	167575	19.160	ug/l	97
94) Hexachlorobutadiene	15.373	225	105252	20.706	ug/l	98
95) Naphthalene	15.507	128	464359	20.317	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	166601	20.412	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

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

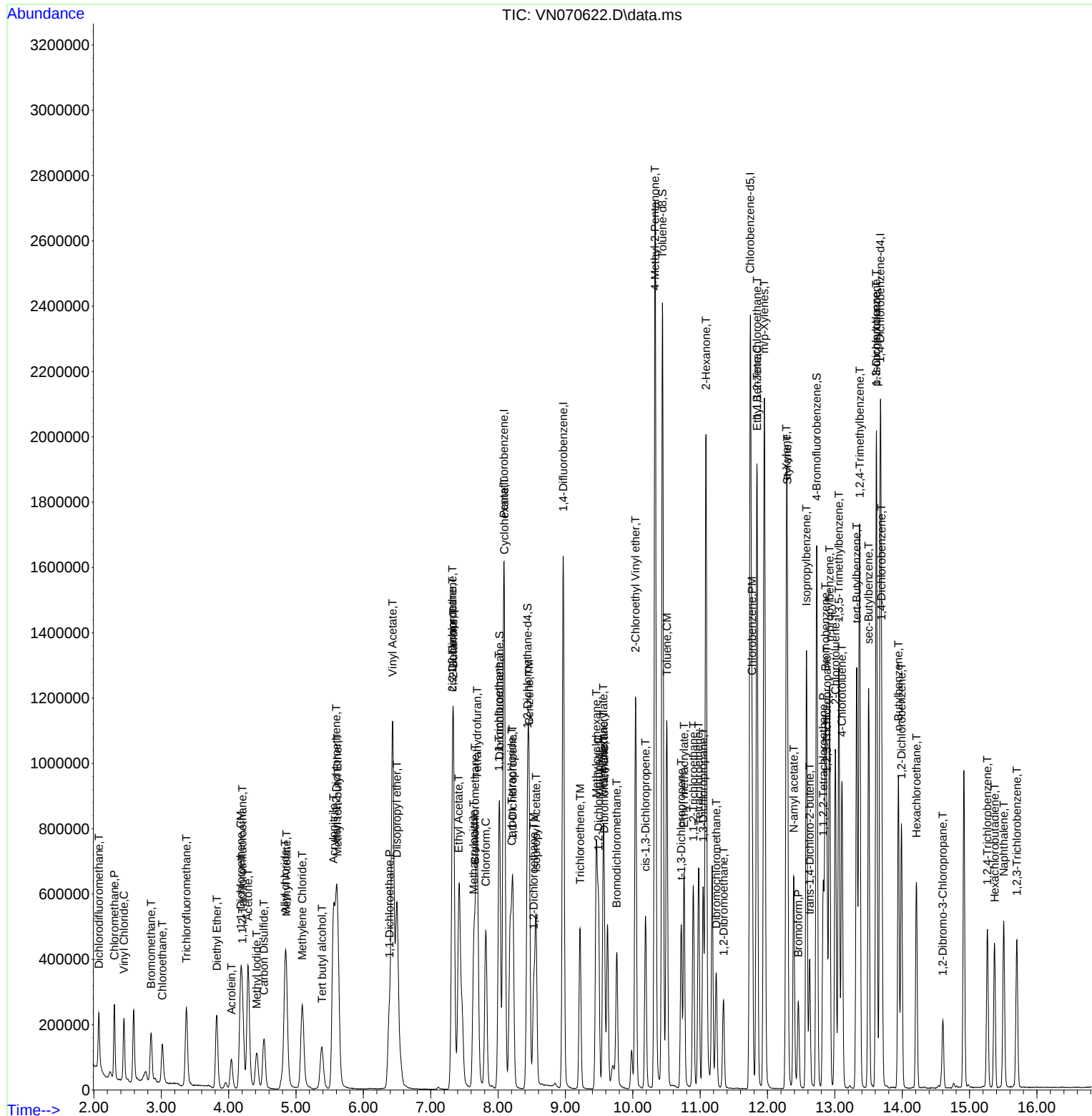
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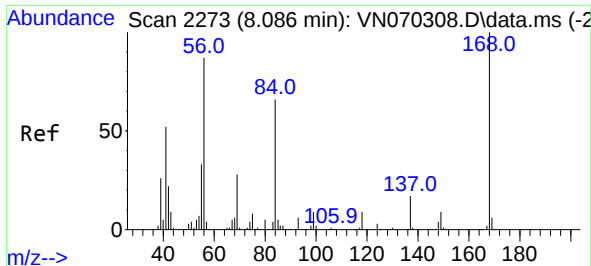
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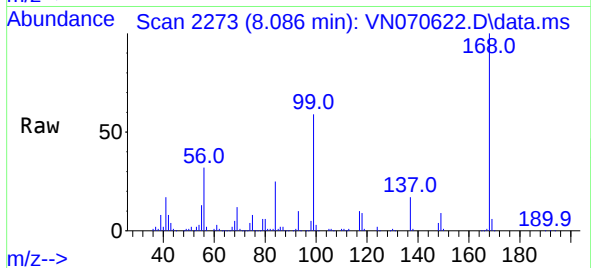
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070622.D
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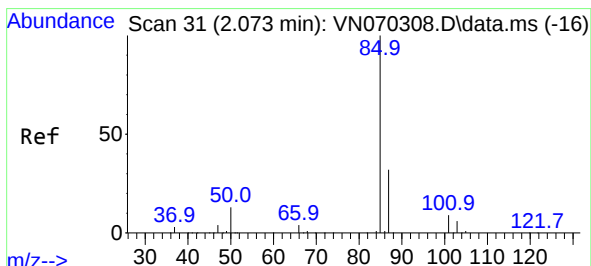
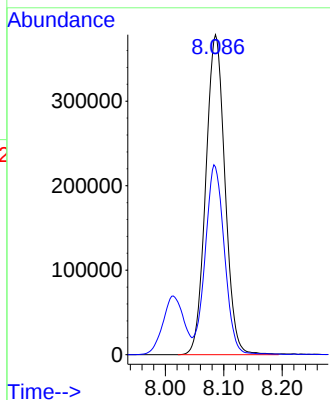
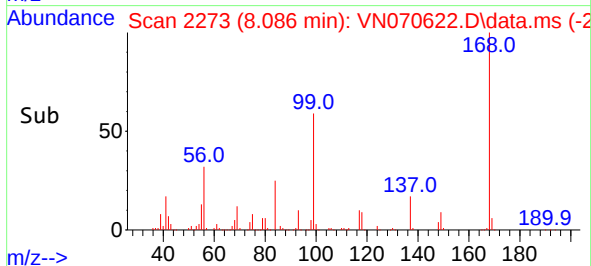
Instrument :
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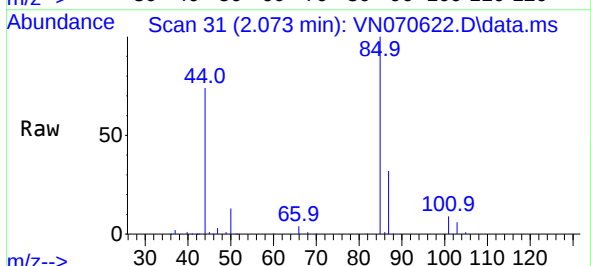
Tgt Ion:168 Resp: 865778
Ion Ratio Lower Upper
168 100
99 58.4 41.3 61.9

Manual Integrations
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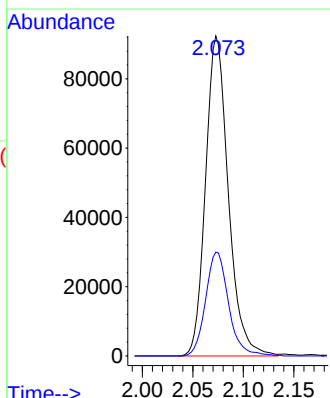
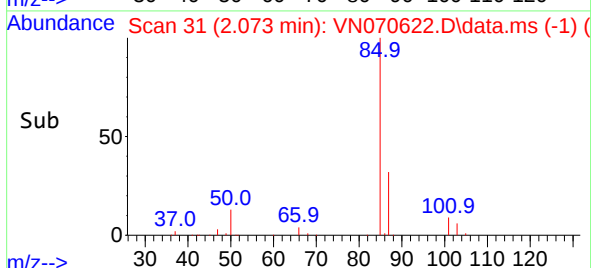
Reviewed By :John Carlone 01/17/2022
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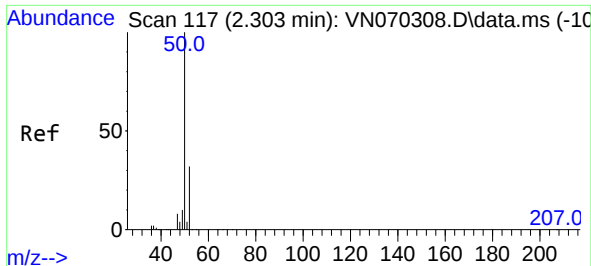


#2
Dichlorodifluoromethane
Concen: 14.777 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



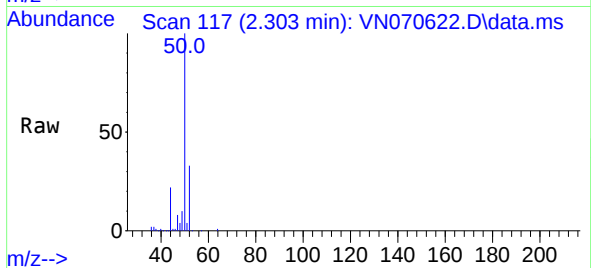
Tgt Ion: 85 Resp: 145090
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.9





#3
Chloromethane
Concen: 15.661 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

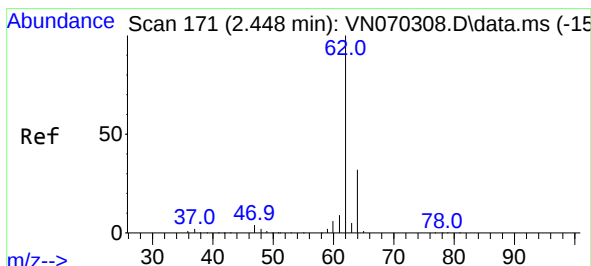
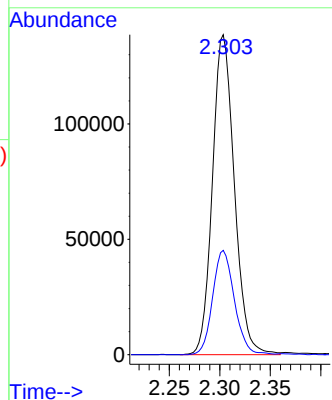
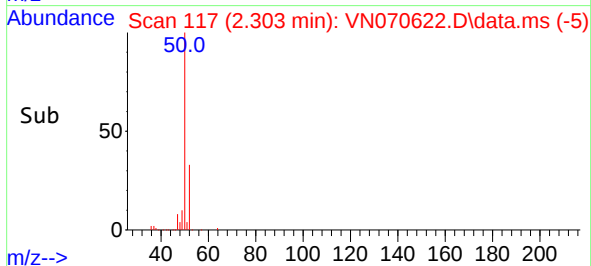
Instrument :
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Tgt Ion: 50 Resp: 209169
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0

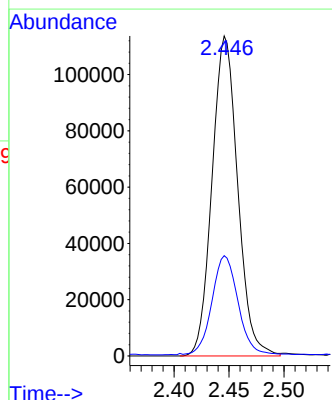
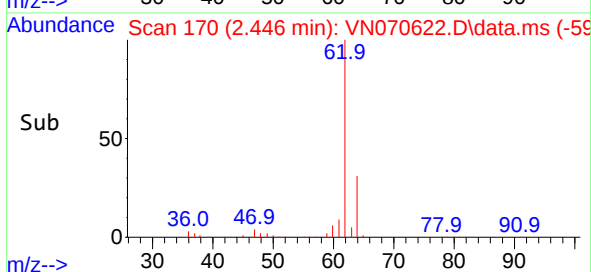
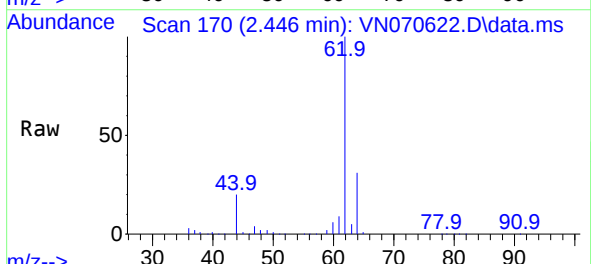
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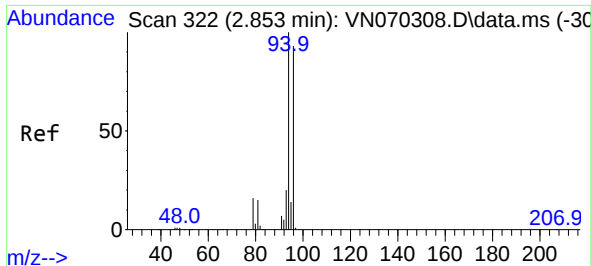
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#4
Vinyl Chloride
Concen: 15.160 ug/l
RT: 2.446 min Scan# 170
Delta R.T. -0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

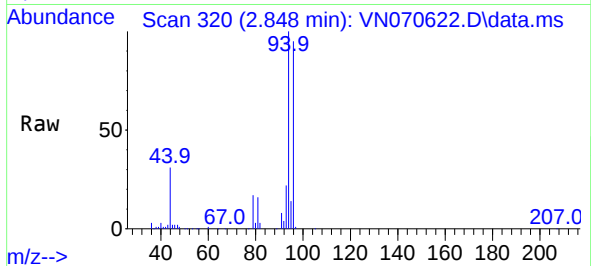
Tgt Ion: 62 Resp: 184343
Ion Ratio Lower Upper
62 100
64 30.8 25.8 38.6





#5
Bromomethane
Concen: 19.116 ug/l
RT: 2.848 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

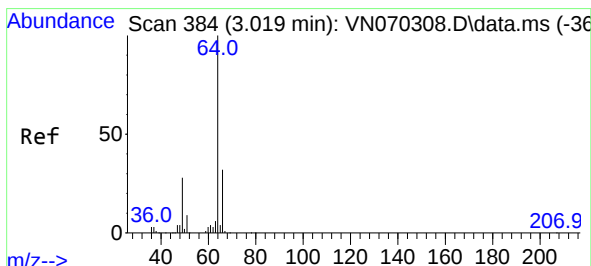
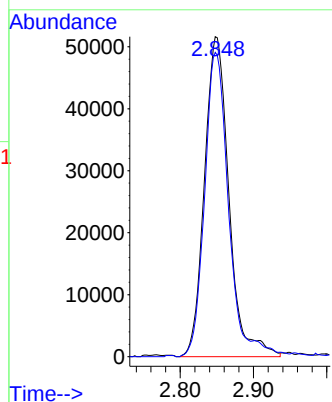
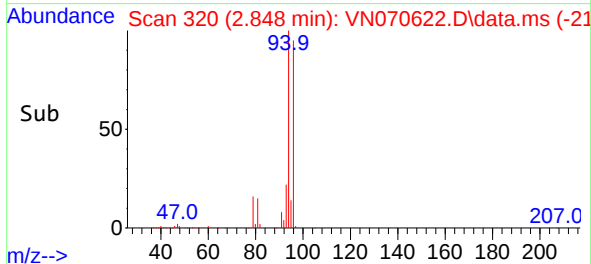
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Tgt Ion: 94 Resp: 119970
Ion Ratio Lower Upper
94 100
96 95.1 73.8 110.8

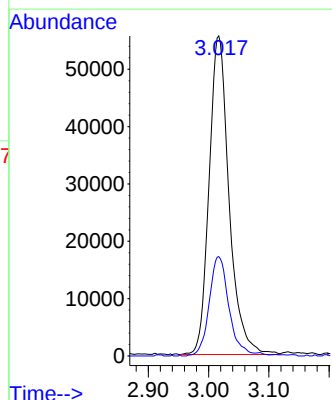
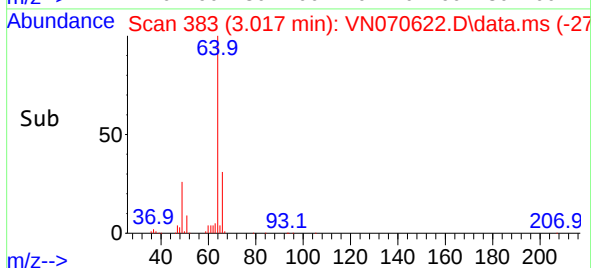
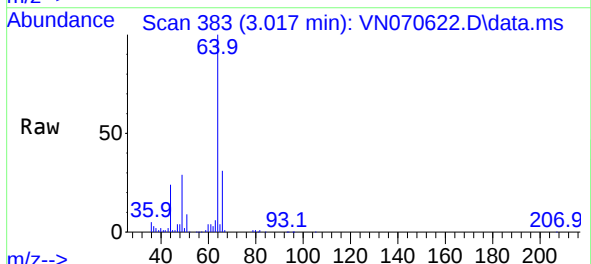
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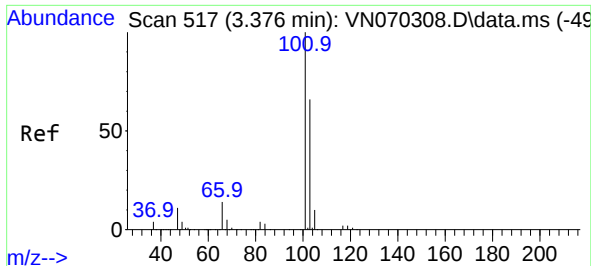
Reviewed By :John Carlone 01/17/2022
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#6
Chloroethane
Concen: 17.442 ug/l
RT: 3.017 min Scan# 383
Delta R.T. -0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

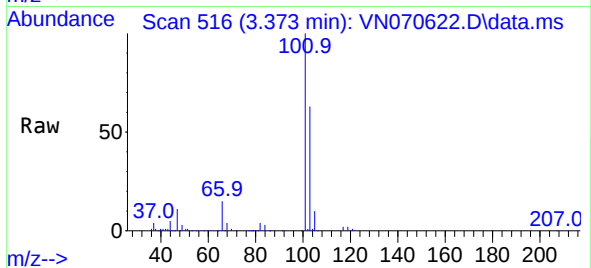
Tgt Ion: 64 Resp: 127726
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 17.312 ug/l
RT: 3.373 min Scan# 517
Delta R.T. -0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

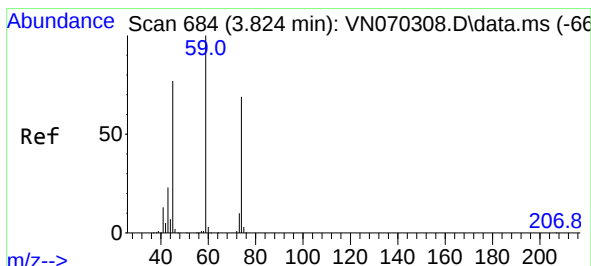
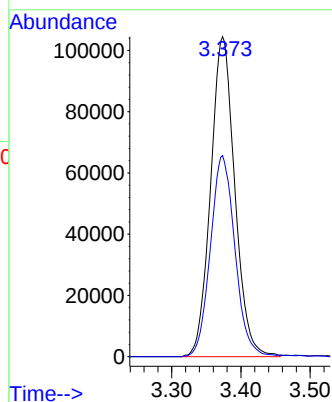
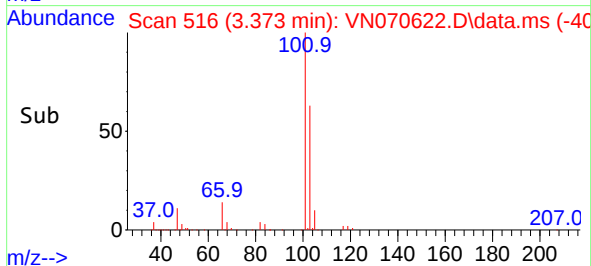
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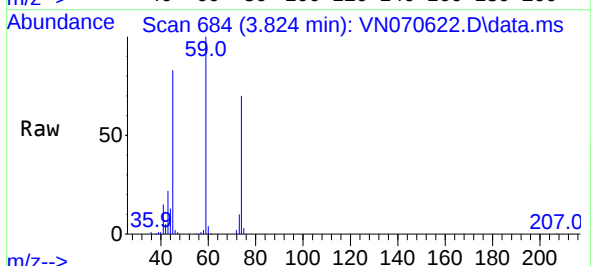
Tgt Ion:101 Resp: 253380
Ion Ratio Lower Upper
101 100
103 62.9 50.1 75.1

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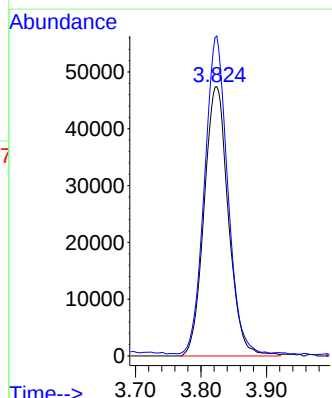
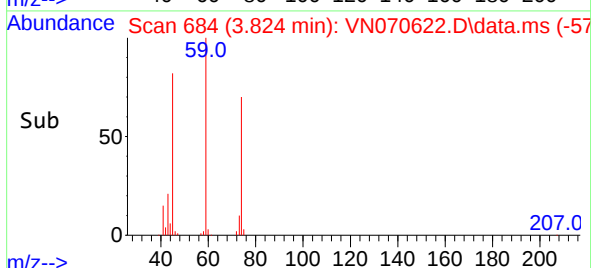
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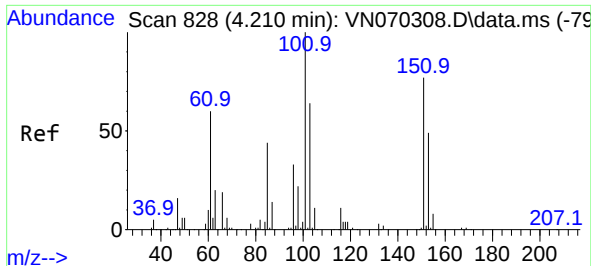


#8
Diethyl Ether
Concen: 18.851 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



Tgt Ion: 74 Resp: 121630
Ion Ratio Lower Upper
74 100
45 112.5 47.0 141.2





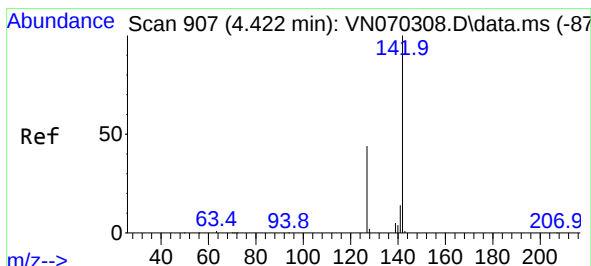
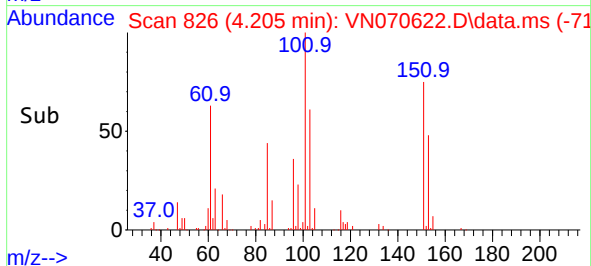
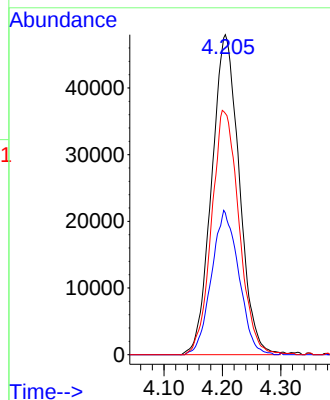
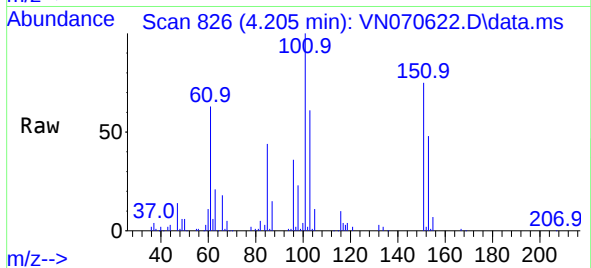
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.560 ug/l
RT: 4.205 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01

Tgt Ion:101 Resp: 157198
Ion Ratio Lower Upper
101 100
85 44.6 37.2 55.8
151 76.0 65.9 98.9

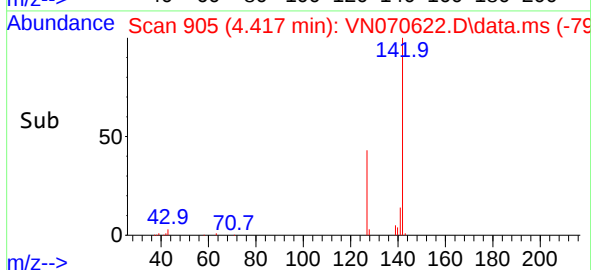
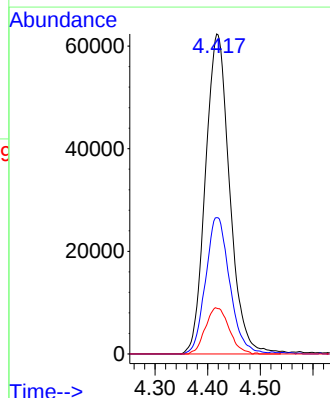
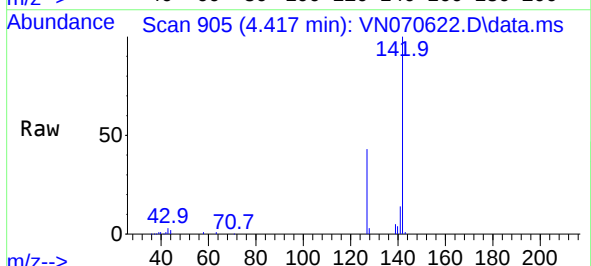
Manual Integrations
APPROVED

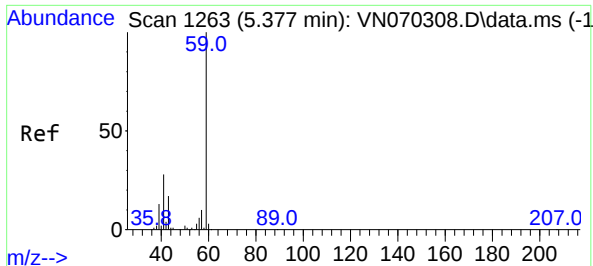
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#10
Methyl Iodide
Concen: 16.445 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.005 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

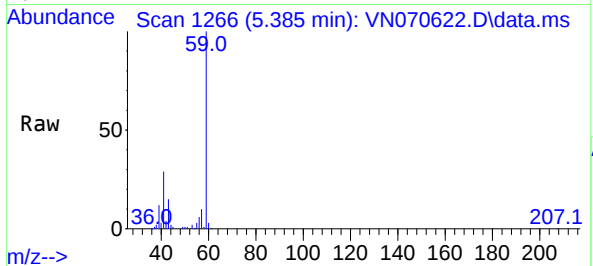
Tgt Ion:142 Resp: 199225
Ion Ratio Lower Upper
142 100
127 42.6 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 114.388 ug/l
RT: 5.385 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

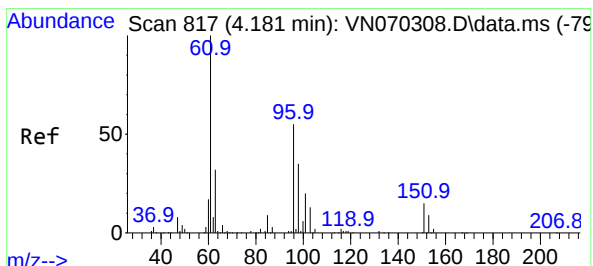
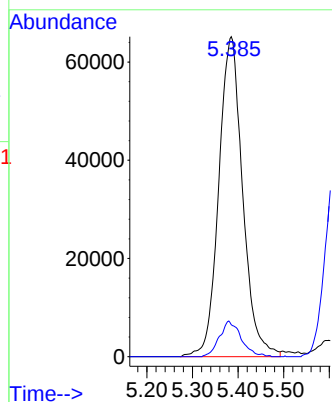
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



Tgt Ion: 59 Resp: 23709
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

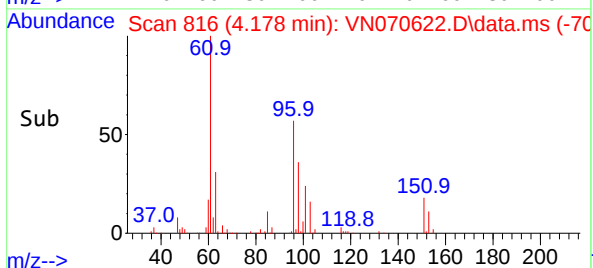
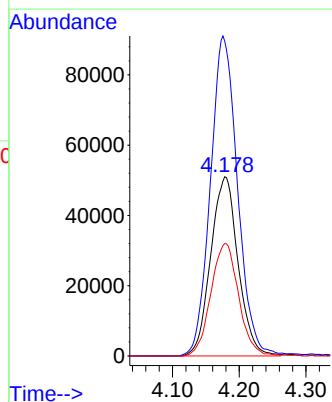
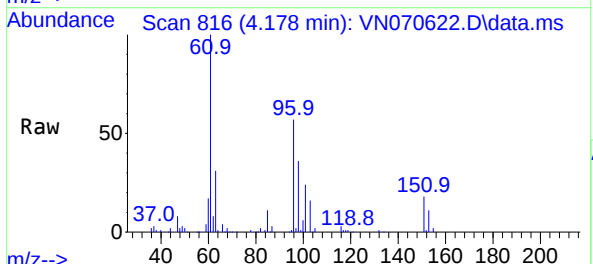
Manual Integrations
APPROVED

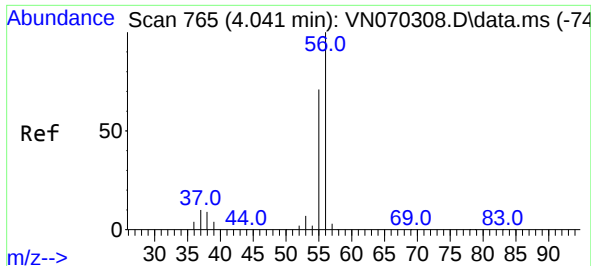
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#12
1,1-Dichloroethene
Concen: 16.504 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

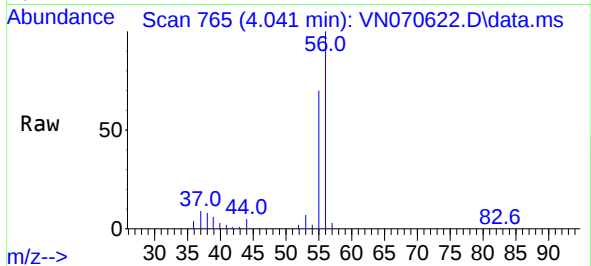
Tgt Ion: 96 Resp: 145523
Ion Ratio Lower Upper
96 100
61 175.8 131.0 196.6
98 62.7 52.4 78.6





#13
Acrolein
Concen: 68.446 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

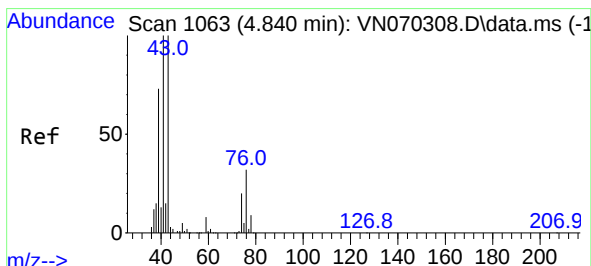
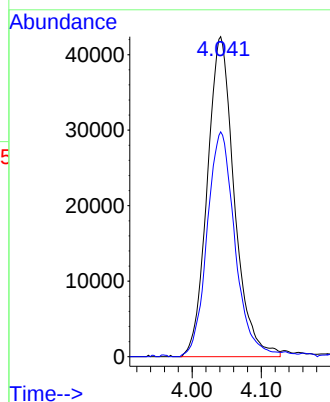
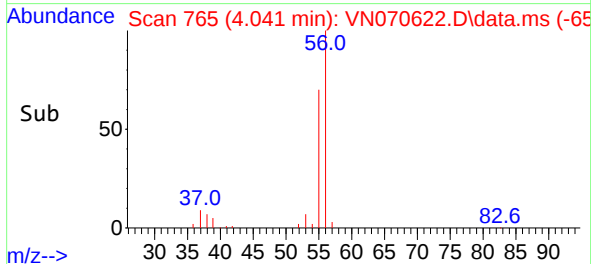
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



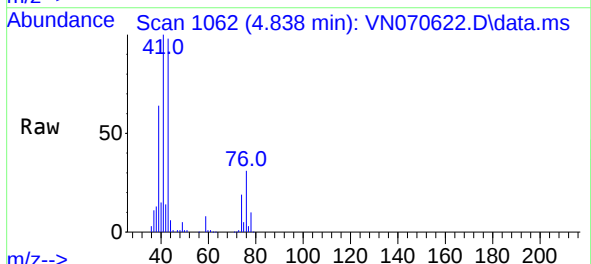
Tgt Ion: 56 Resp: 115109
Ion Ratio Lower Upper
56 100
55 72.3 56.6 85.0

Manual Integrations
APPROVED

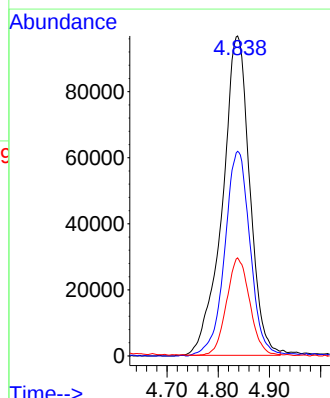
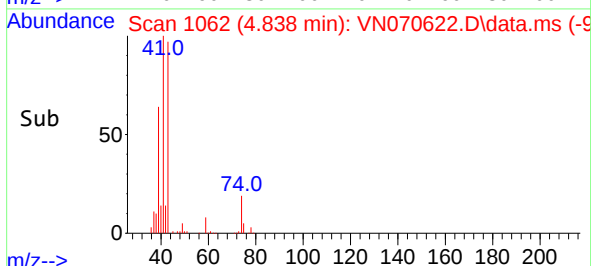
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

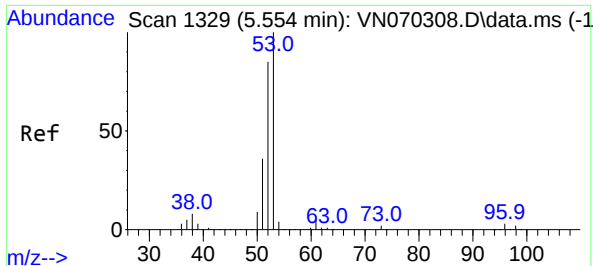


#14
Allyl chloride
Concen: 17.936 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



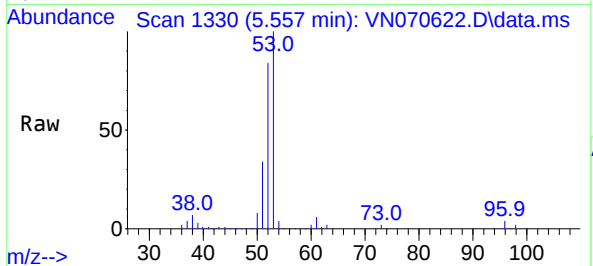
Tgt Ion: 41 Resp: 358569
Ion Ratio Lower Upper
41 100
39 59.6 61.2 91.8#
76 25.8 26.0 39.0#





#15
Acrylonitrile
Concen: 107.653 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

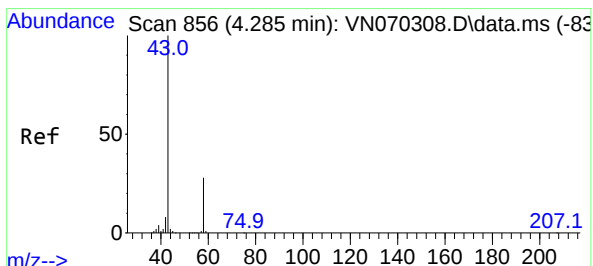
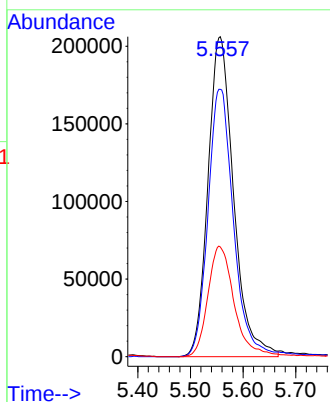
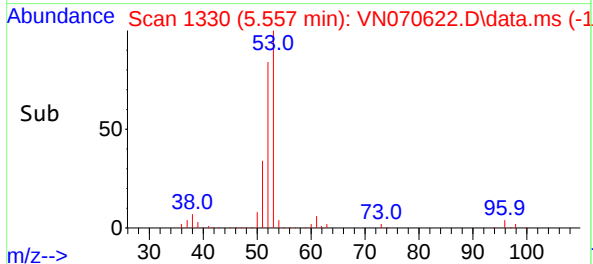
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



Tgt Ion: 53 Resp: 69629
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 35.6 29.6 44.4

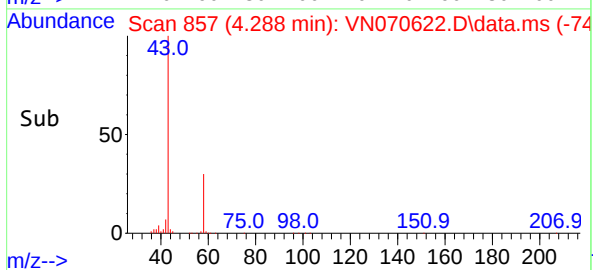
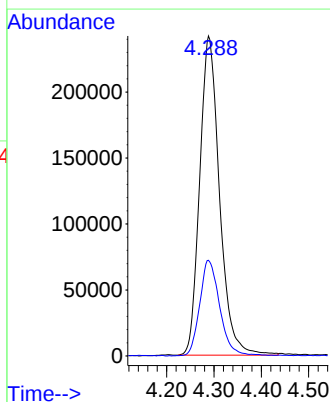
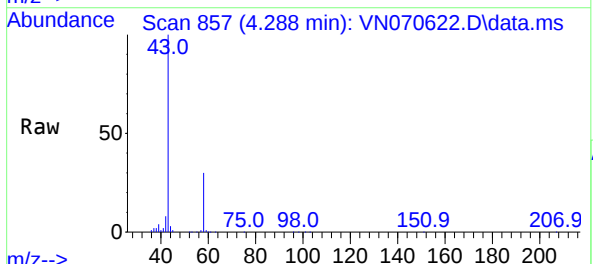
Manual Integrations
APPROVED

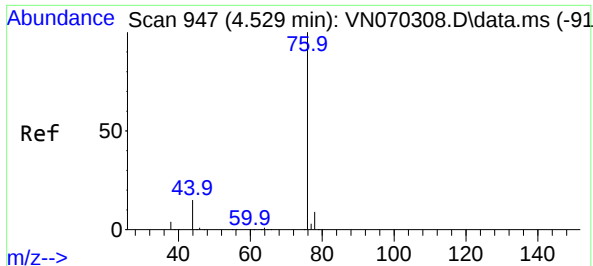
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#16
Acetone
Concen: 87.179 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

Tgt Ion: 43 Resp: 704479
Ion Ratio Lower Upper
43 100
58 29.9 23.1 34.7





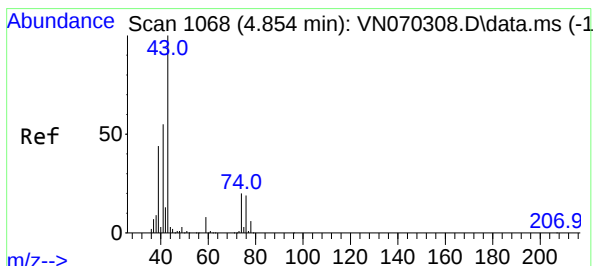
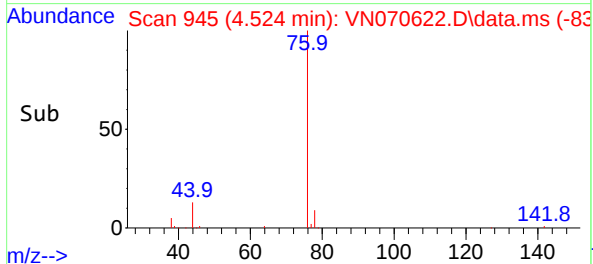
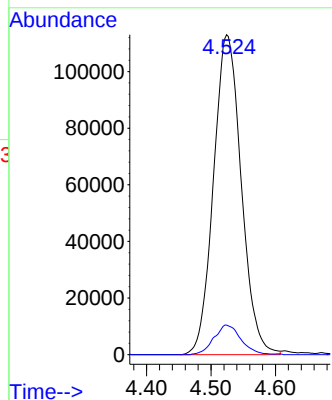
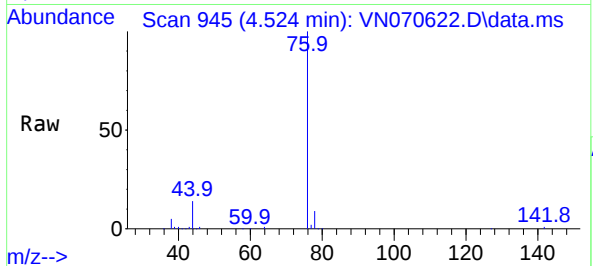
#17
Carbon Disulfide
Concen: 14.043 ug/l
RT: 4.524 min Scan# 947
Delta R.T. -0.005 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01

Tgt Ion: 76 Resp: 338008
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

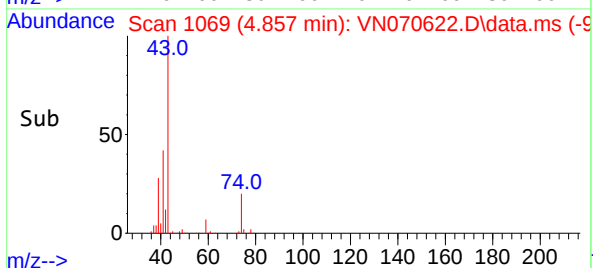
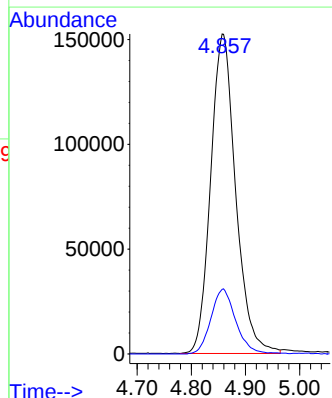
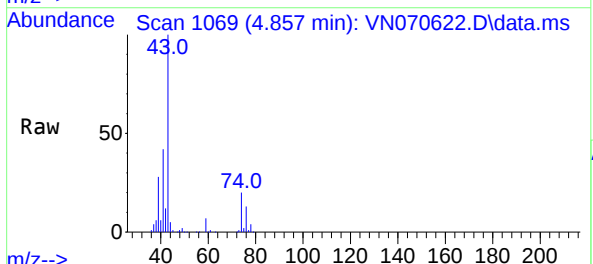
Manual Integrations
APPROVED

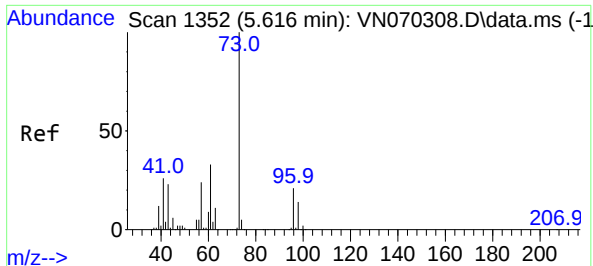
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#18
Methyl Acetate
Concen: 20.919 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

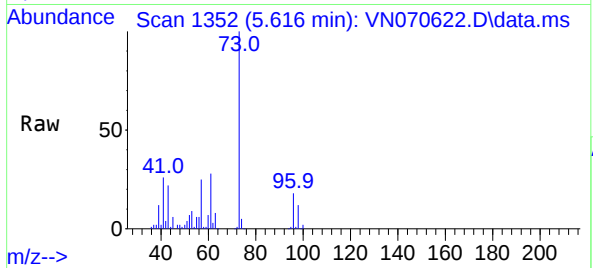
Tgt Ion: 43 Resp: 488996
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.306 ug/l
RT: 5.616 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

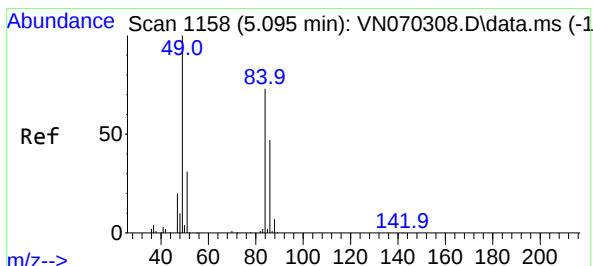
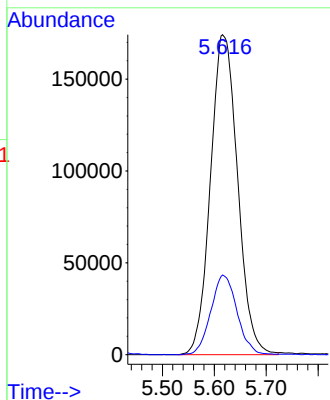
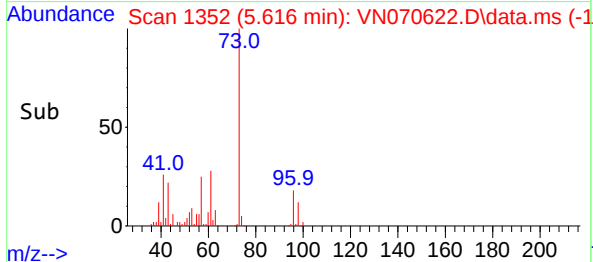
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



Tgt Ion: 73 Resp: 63219
Ion Ratio Lower Upper
73 100
57 24.9 16.8 25.2

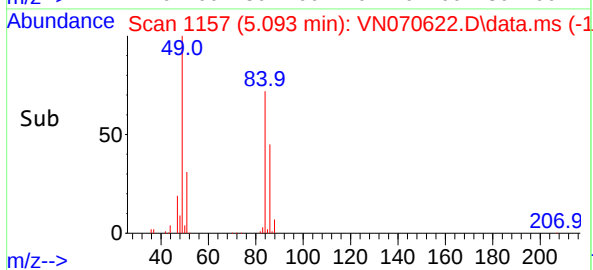
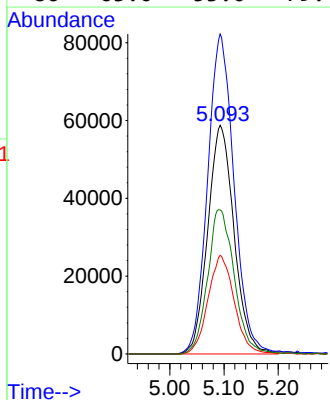
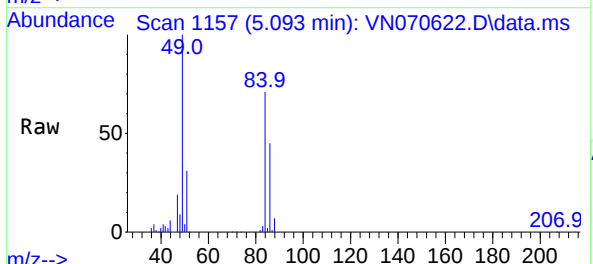
Manual Integrations
APPROVED

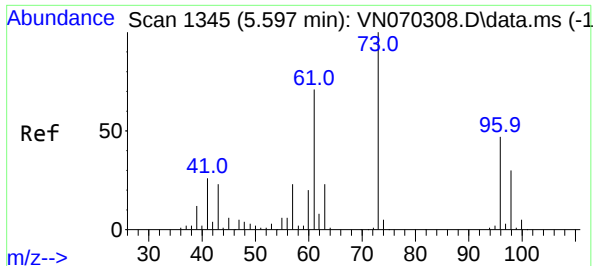
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#20
Methylene Chloride
Concen: 17.766 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

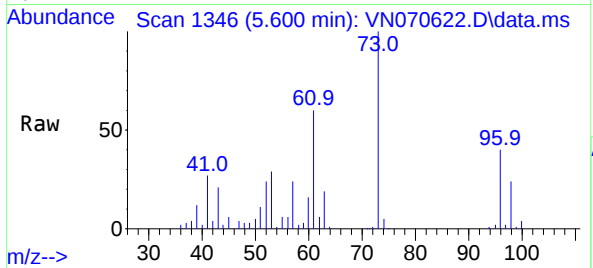
Tgt Ion: 84 Resp: 198628
Ion Ratio Lower Upper
84 100
49 140.0 93.5 140.3
51 43.1 29.4 44.2
86 63.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 16.883 ug/l
RT: 5.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

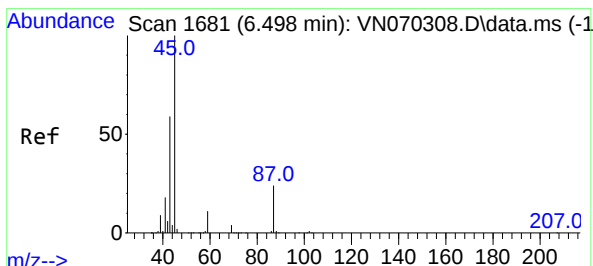
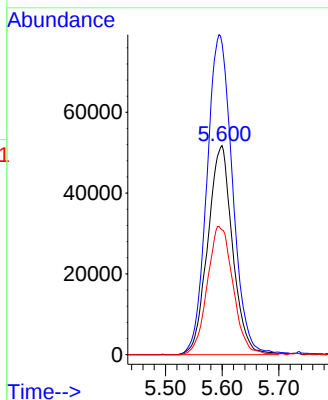
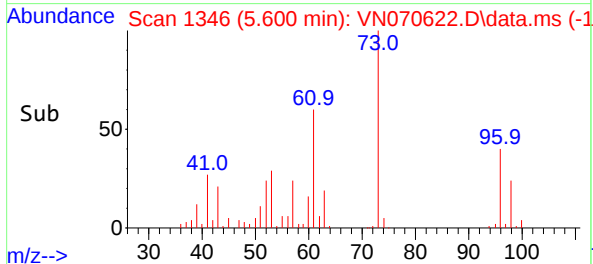
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



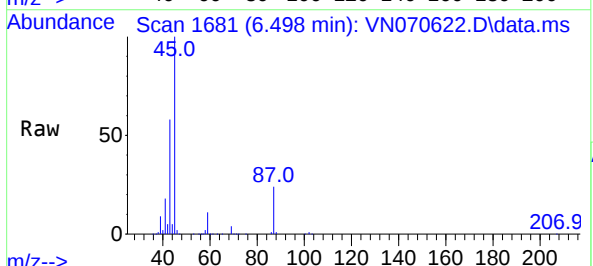
Tgt Ion: 96 Resp: 157624
Ion Ratio Lower Upper
96 100
61 148.9 105.8 158.6
98 59.6 52.0 78.0

Manual Integrations
APPROVED

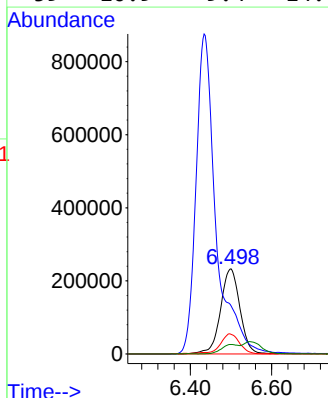
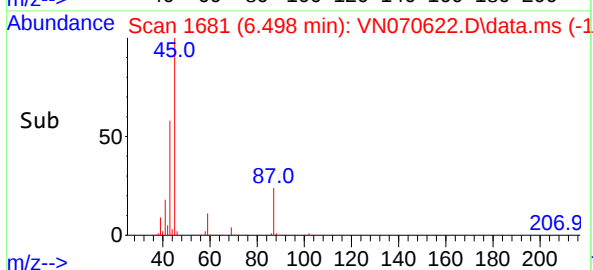
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

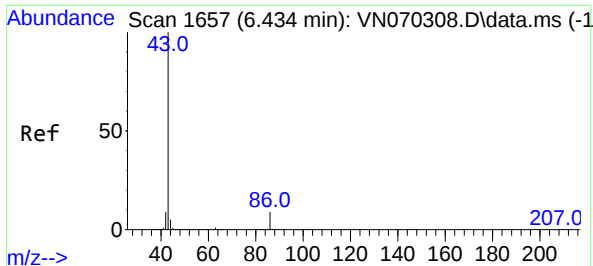


#22
Diisopropyl ether
Concen: 19.872 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



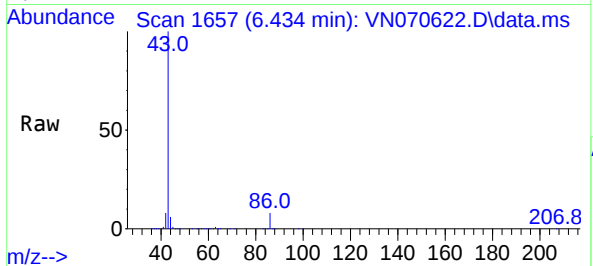
Tgt Ion: 45 Resp: 773772
Ion Ratio Lower Upper
45 100
43 57.7 51.7 77.5
87 23.5 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 98.595 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VN070622.D
 Acq: 14 Jan 2022 14:47

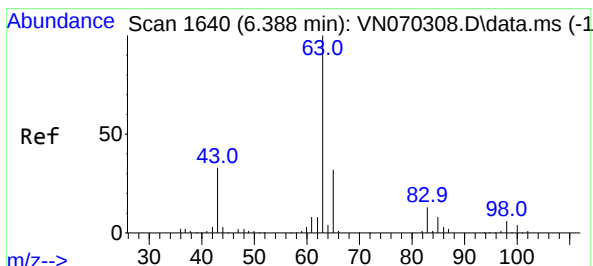
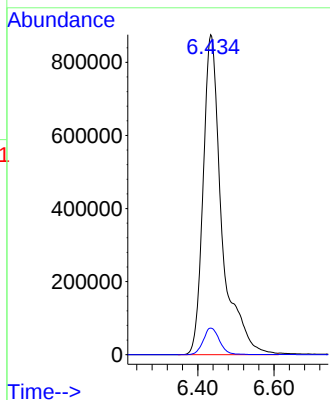
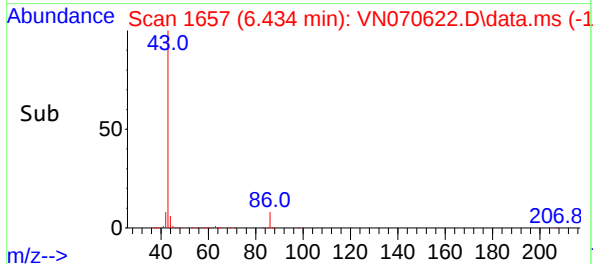
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01



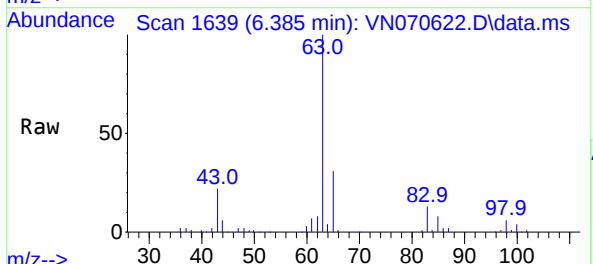
Tgt Ion: 43 Resp: 297866
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

Manual Integrations
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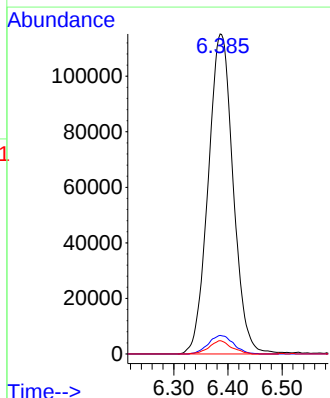
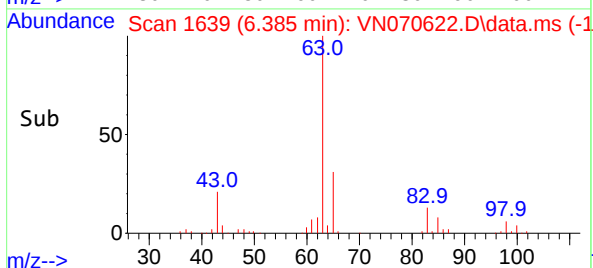
Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/18/2022

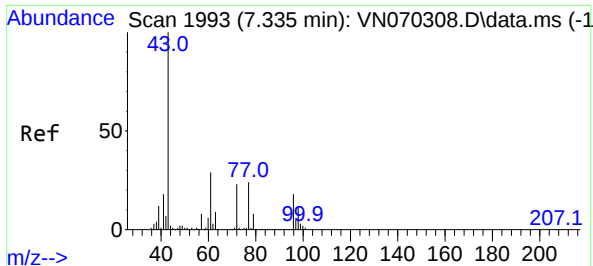


#24
 1,1-Dichloroethane
 Concen: 18.242 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070622.D
 Acq: 14 Jan 2022 14:47



Tgt Ion: 63 Resp: 368309
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 4.2 2.1 6.5





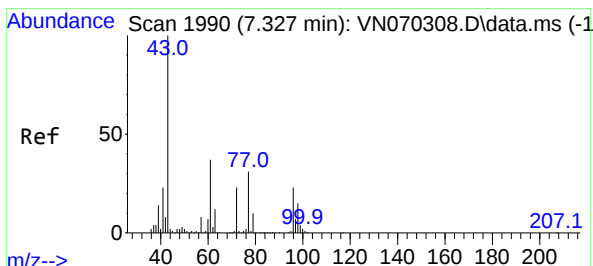
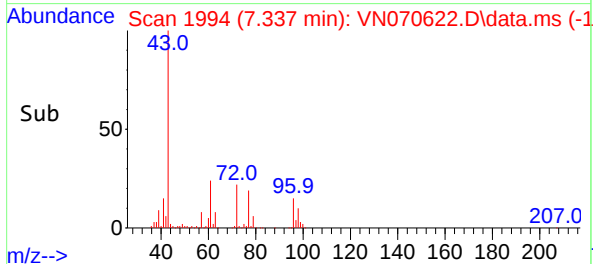
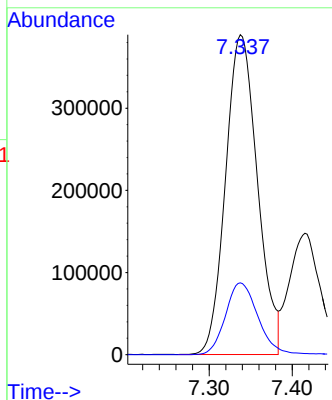
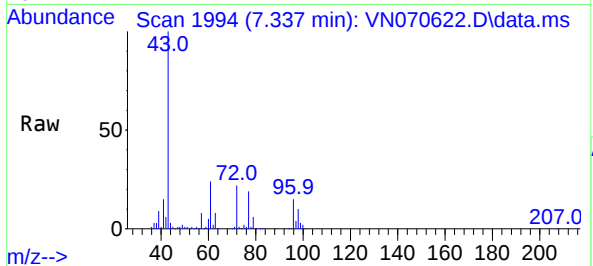
#25
2-Butanone
Concen: 101.969 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01

Tgt Ion: 43 Resp: 1037508
Ion Ratio Lower Upper
43 100
72 22.5 21.7 32.5

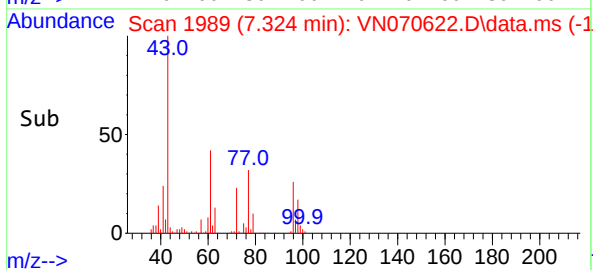
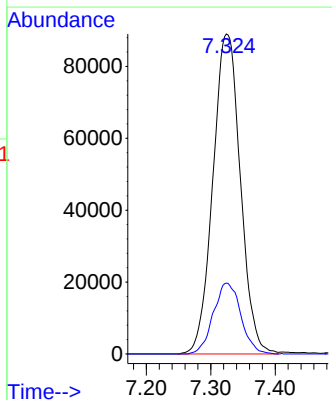
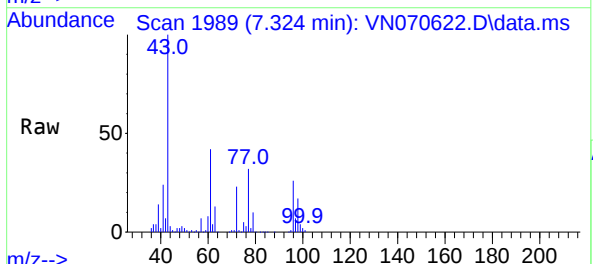
Manual Integrations
APPROVED

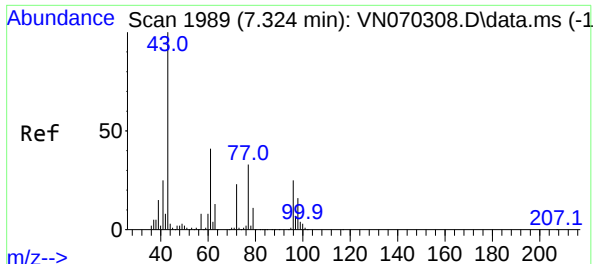
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#26
2,2-Dichloropropane
Concen: 16.564 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

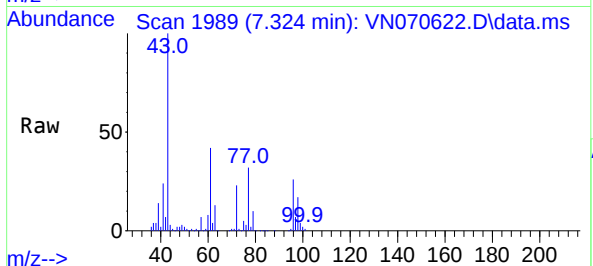
Tgt Ion: 77 Resp: 263821
Ion Ratio Lower Upper
77 100
97 22.2 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 18.030 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

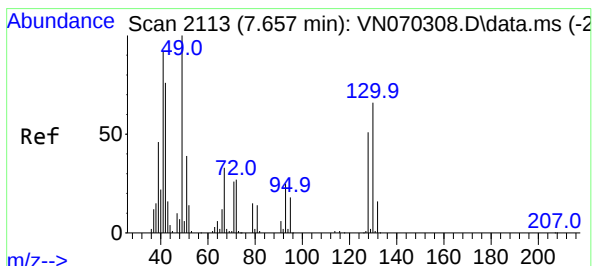
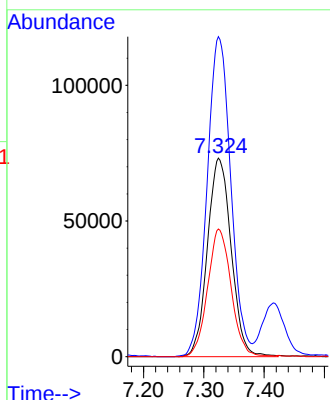
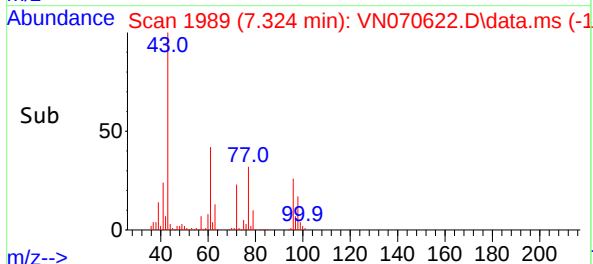
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



Tgt Ion: 96 Resp: 200852
Ion Ratio Lower Upper
96 100
61 160.6 0.0 275.0
98 63.6 0.0 129.6

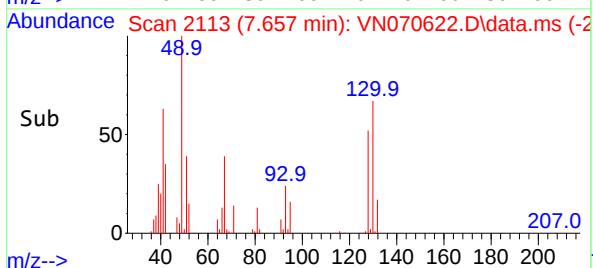
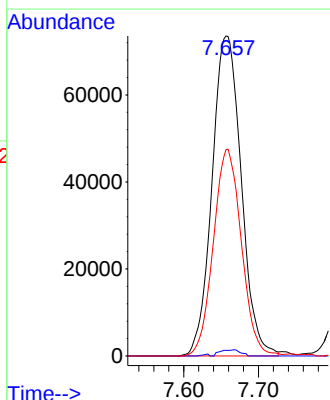
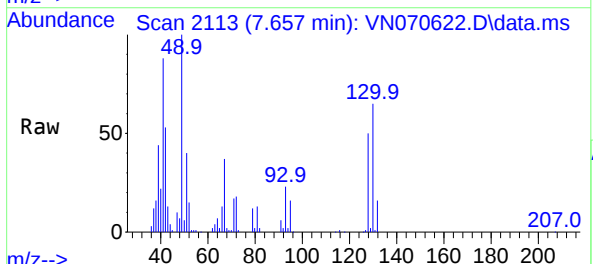
Manual Integrations
APPROVED

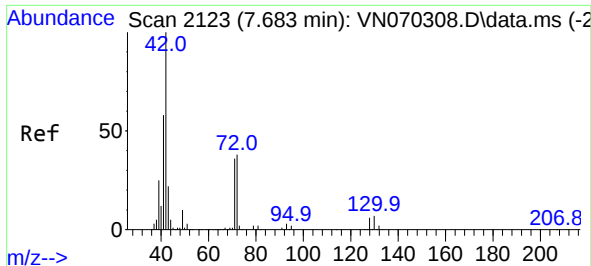
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#28
Bromochloromethane
Concen: 20.207 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

Tgt Ion: 49 Resp: 199528
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.0
130 62.0 67.8 101.8#





#29

Tetrahydrofuran

Concen: 110.641 ug/l

RT: 7.689 min Scan# 2123

Delta R.T. 0.006 min

Lab File: VN070622.D

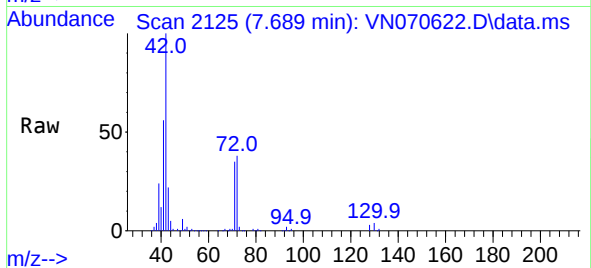
Acq: 14 Jan 2022 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01



Tgt Ion: 42 Resp: 671660

Ion Ratio Lower Upper

42 100

72 36.8 36.3 54.5

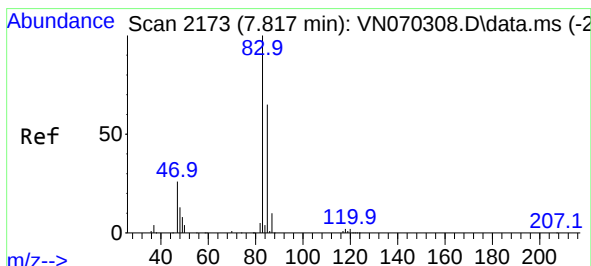
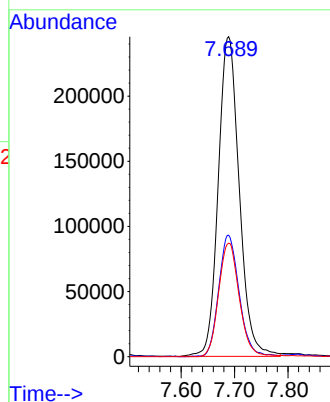
71 35.0 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#30

Chloroform

Concen: 24.993 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. 0.001 min

Lab File: VN070622.D

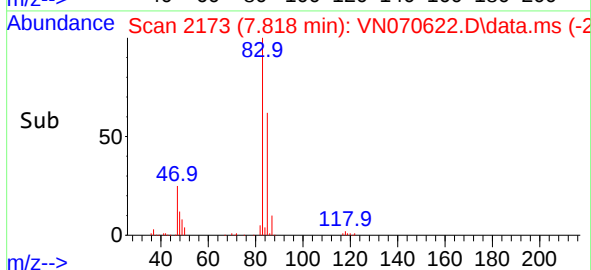
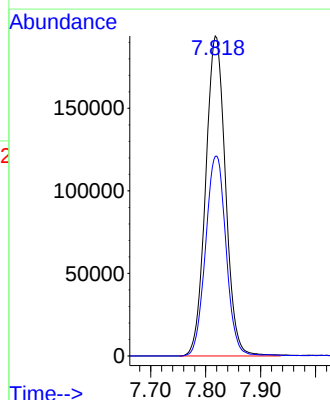
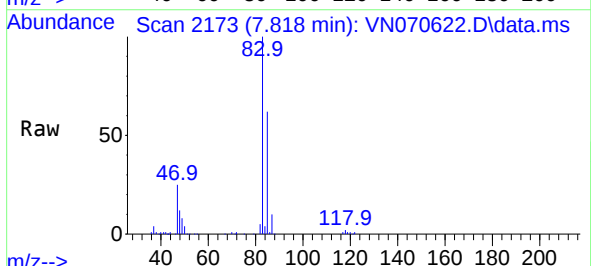
Acq: 14 Jan 2022 14:47

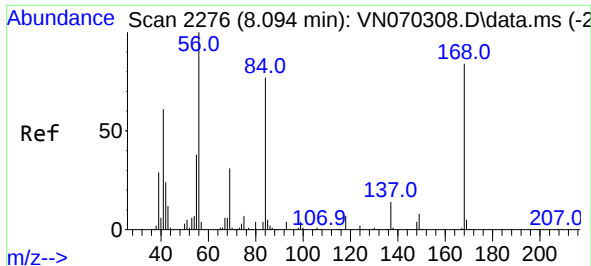
Tgt Ion: 83 Resp: 486802

Ion Ratio Lower Upper

83 100

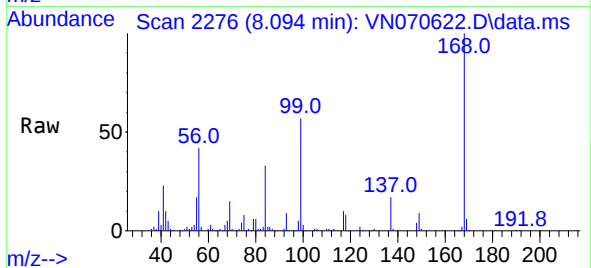
85 62.4 51.9 77.9





#31
Cyclohexane
Concen: 17.512 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

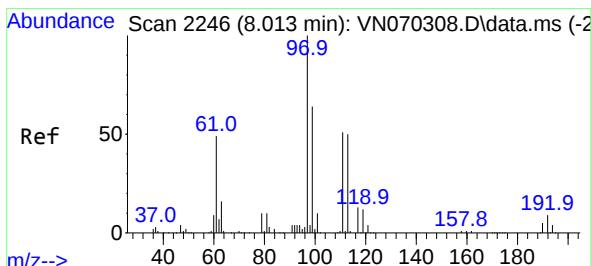
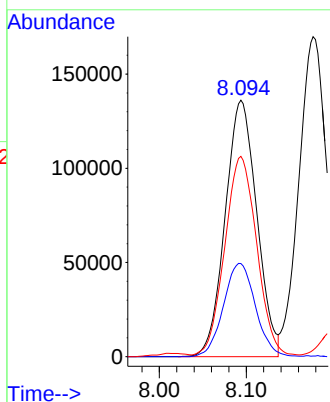
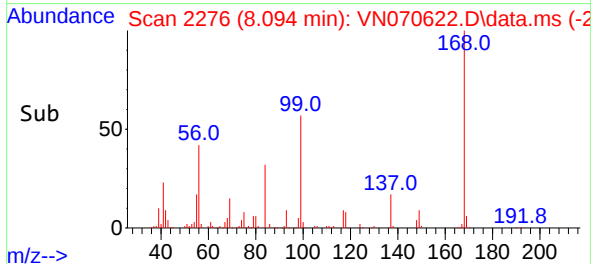
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



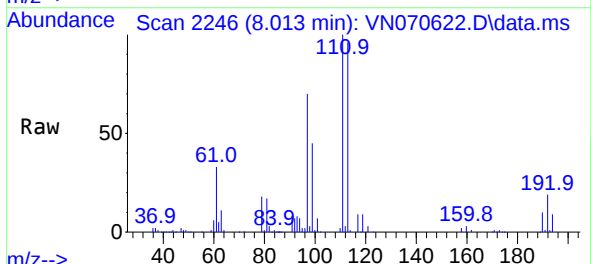
Tgt Ion: 56 Resp: 34399
Ion Ratio Lower Upper
56 100
69 36.3 27.1 40.7
84 76.9 73.4 110.0

Manual Integrations
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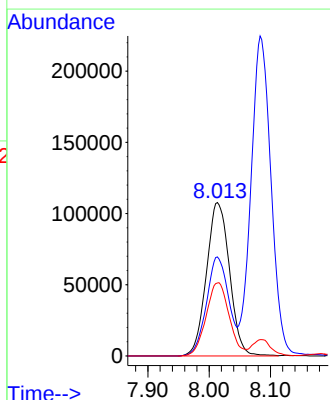
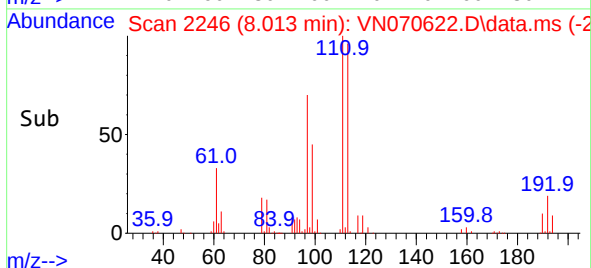
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

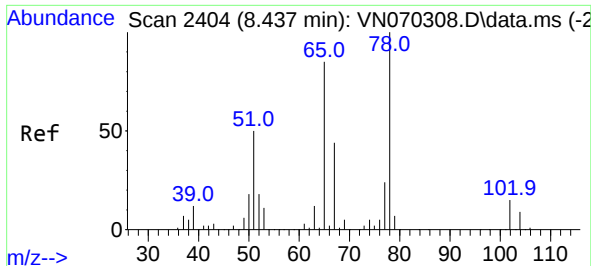


#32
1,1,1-Trichloroethane
Concen: 17.188 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



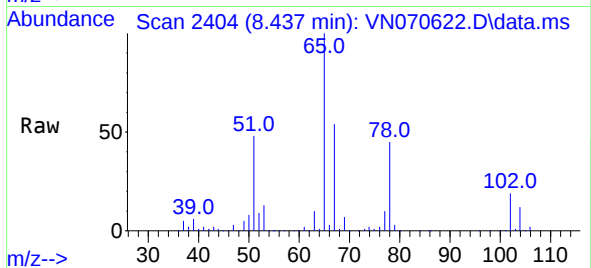
Tgt Ion: 97 Resp: 282289
Ion Ratio Lower Upper
97 100
99 62.0 50.1 75.1
61 48.0 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 46.511 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

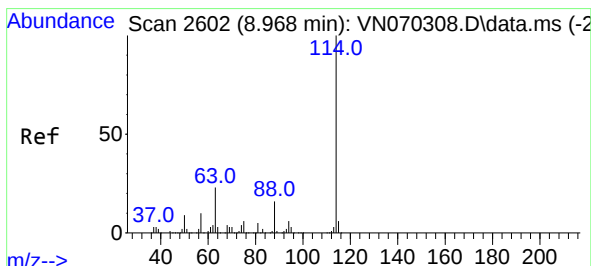
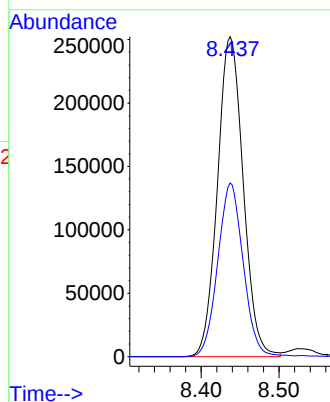
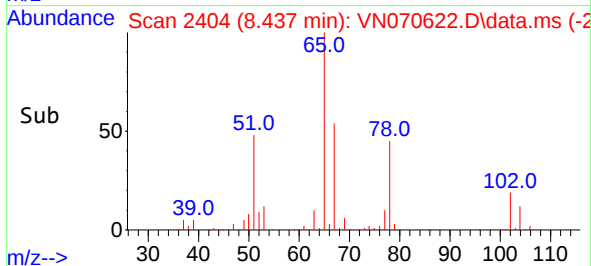
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



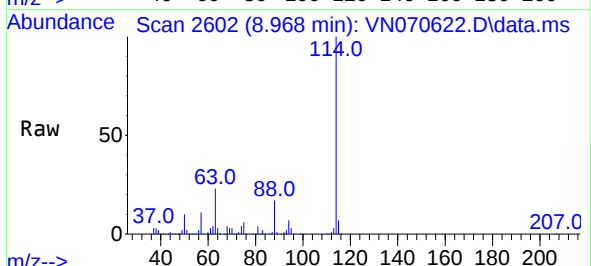
Tgt Ion: 65 Resp: 578984
Ion Ratio Lower Upper
65 100
67 53.7 0.0 103.0

Manual Integrations
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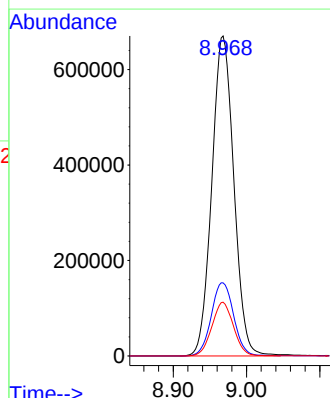
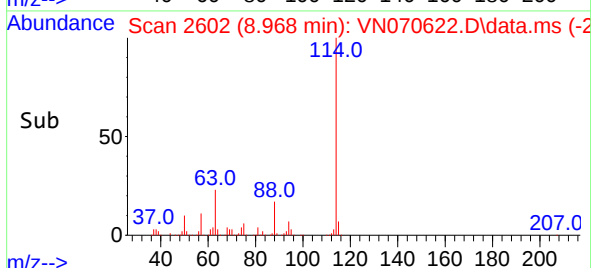
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

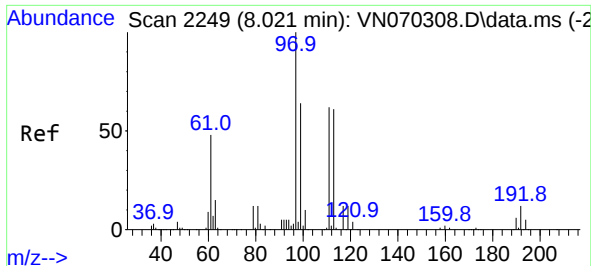


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



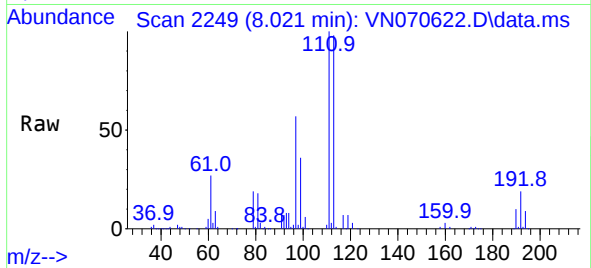
Tgt Ion:114 Resp: 1399453
Ion Ratio Lower Upper
114 100
63 22.9 0.0 37.8
88 16.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.576 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

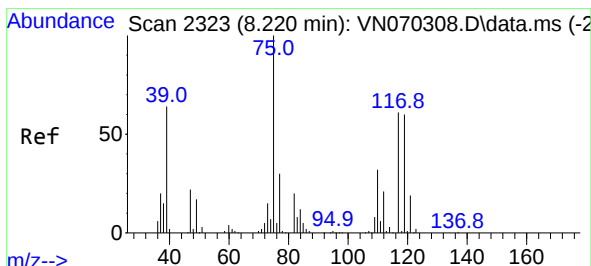
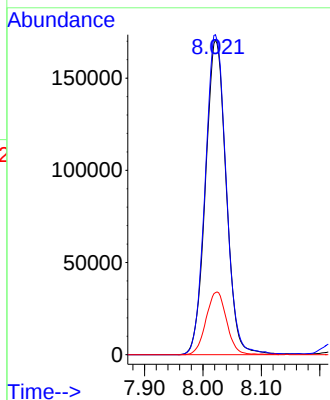
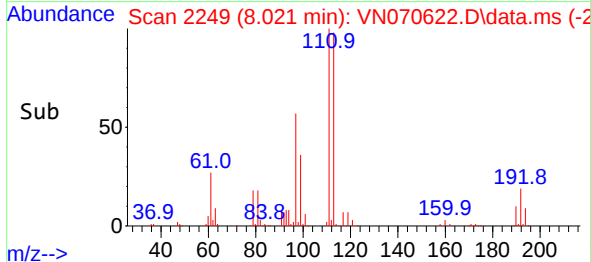
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



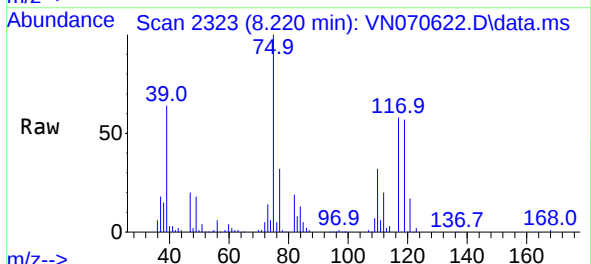
Tgt Ion: 113 Resp: 419770
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 19.8 16.9 25.3

Manual Integrations
APPROVED

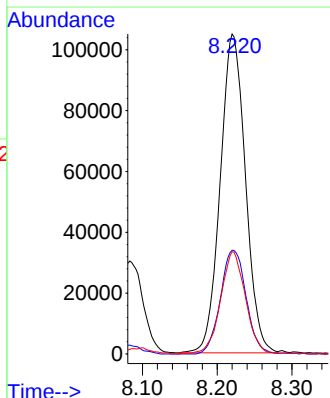
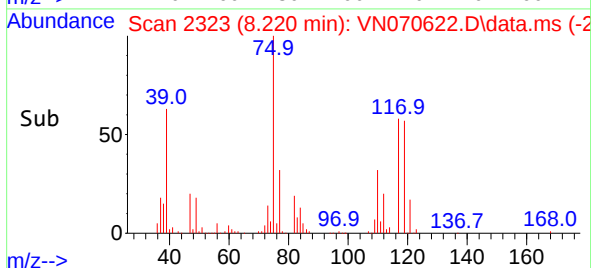
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

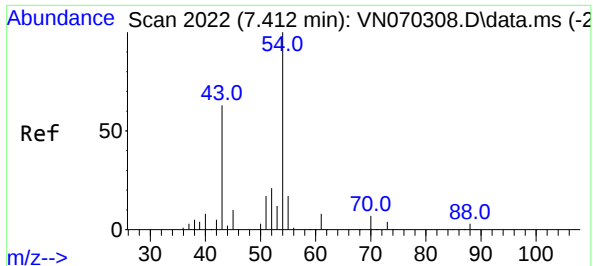


#36
1,1-Dichloropropene
Concen: 17.530 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



Tgt Ion: 75 Resp: 245542
Ion Ratio Lower Upper
75 100
110 33.1 18.4 55.2
77 31.8 24.4 36.6





#37

Ethyl Acetate

Concen: 20.979 ug/l

RT: 7.415 min Scan# 20

Delta R.T. 0.003 min

Lab File: VN070622.D

Acq: 14 Jan 2022 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

Tgt Ion: 43 Resp: 380904

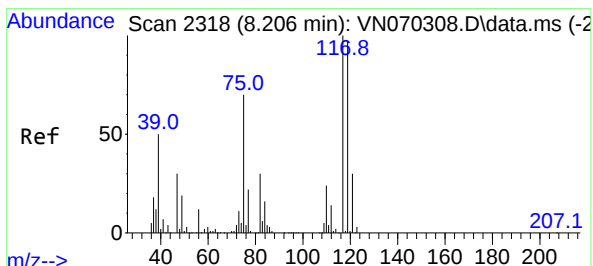
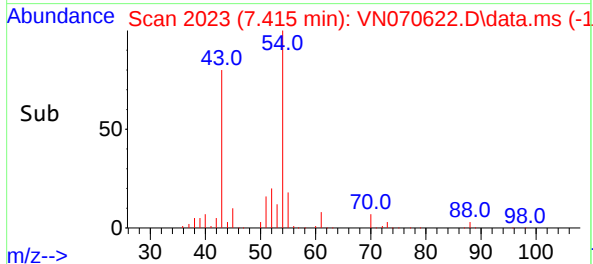
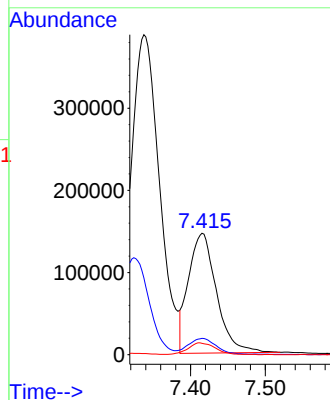
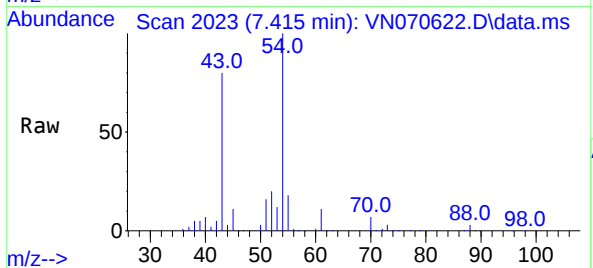
Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.5	17.3
70	9.2	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#38

Carbon Tetrachloride

Concen: 16.419 ug/l

RT: 8.204 min Scan# 2317

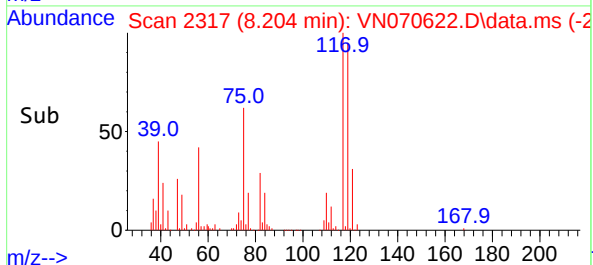
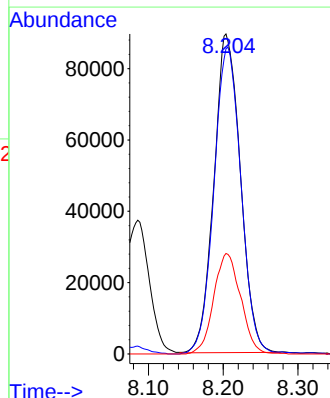
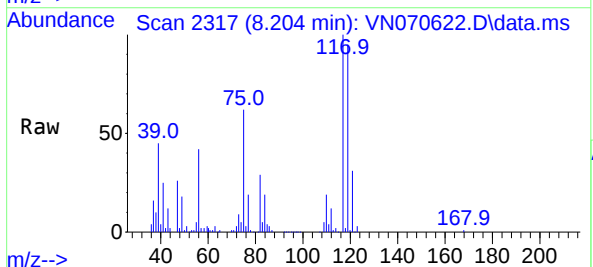
Delta R.T. -0.002 min

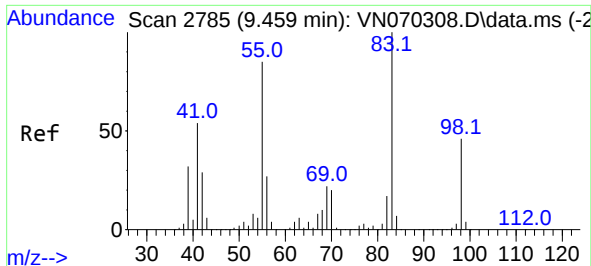
Lab File: VN070622.D

Acq: 14 Jan 2022 14:47

Tgt Ion:117 Resp: 219607

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.1	114.1
121	31.6	24.2	36.2





#39

Methylcyclohexane

Concen: 16.983 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070622.D

Acq: 14 Jan 2022 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

Tgt Ion: 83 Resp: 287998

Ion Ratio Lower Upper

83 100

55 88.7 58.1 87.1

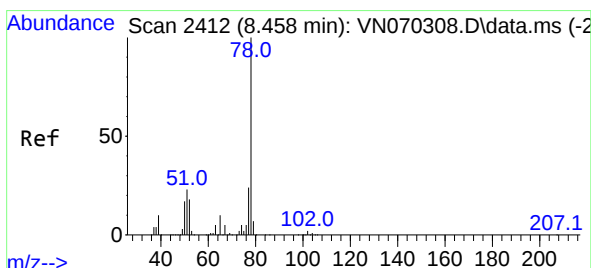
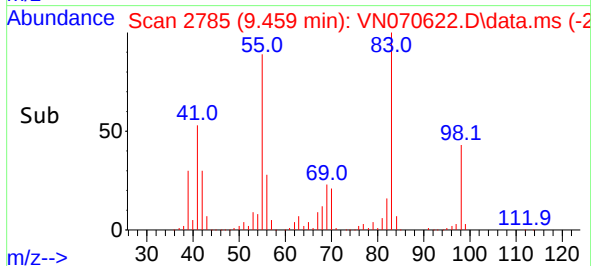
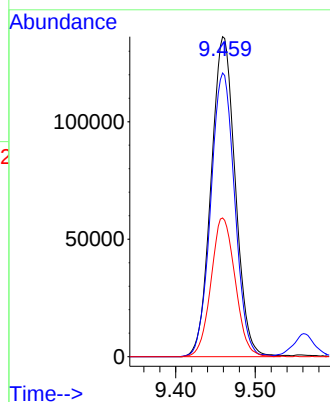
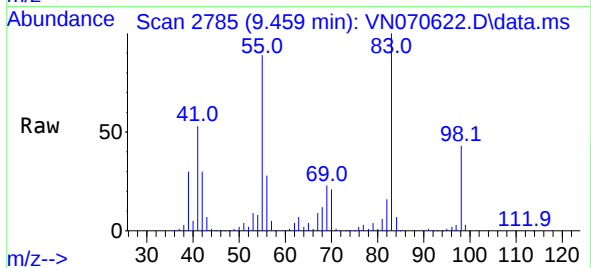
98 43.4 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#40

Benzene

Concen: 18.563 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.003 min

Lab File: VN070622.D

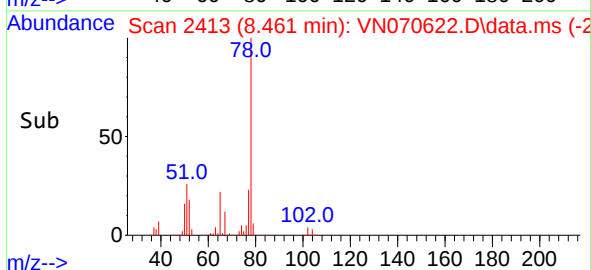
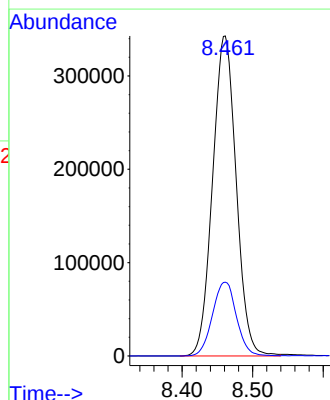
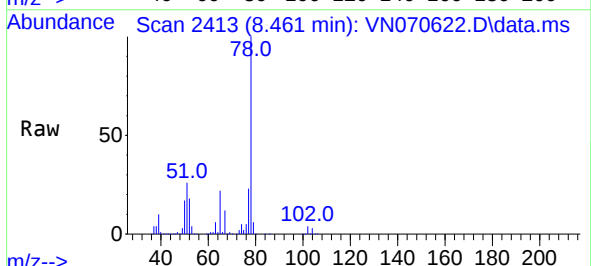
Acq: 14 Jan 2022 14:47

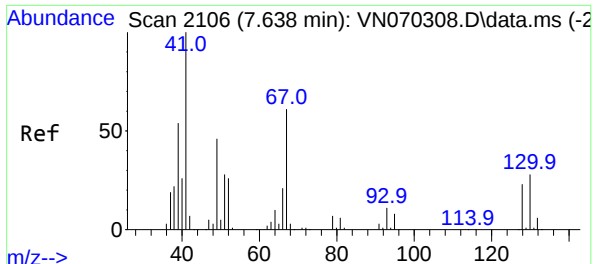
Tgt Ion: 78 Resp: 797168

Ion Ratio Lower Upper

78 100

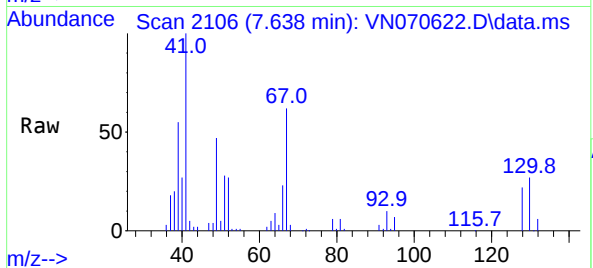
77 23.0 18.6 27.8





#41
Methacrylonitrile
Concen: 21.661 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

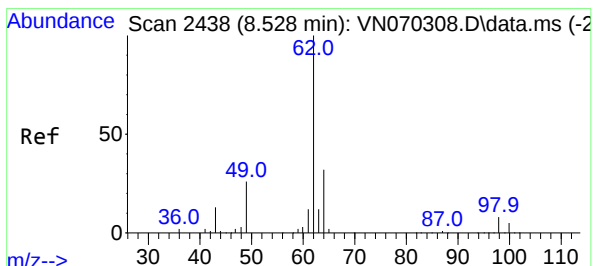
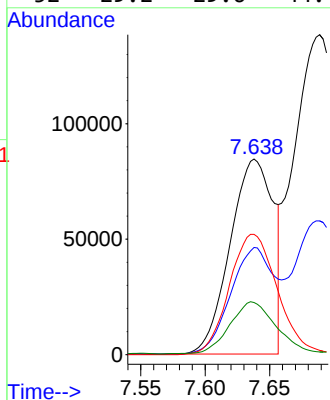
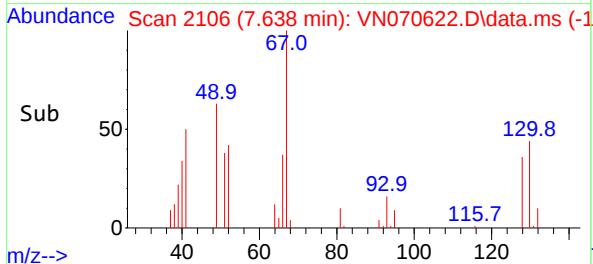
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



Tgt Ion: 41 Resp: 196711
Ion Ratio Lower Upper
41 100
39 56.0 48.1 72.1
67 69.0 68.3 102.5
52 29.2 29.6 44.4#

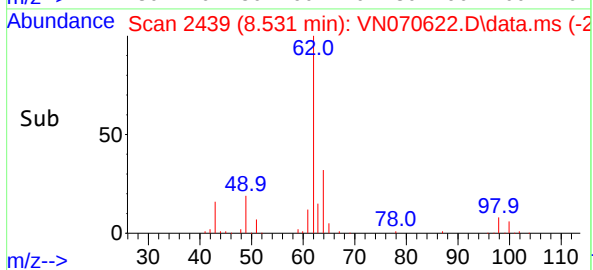
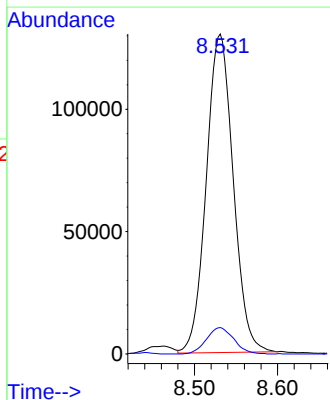
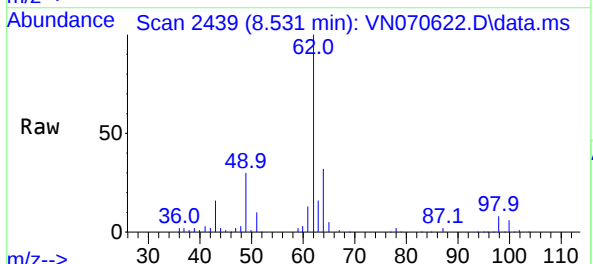
Manual Integrations
APPROVED

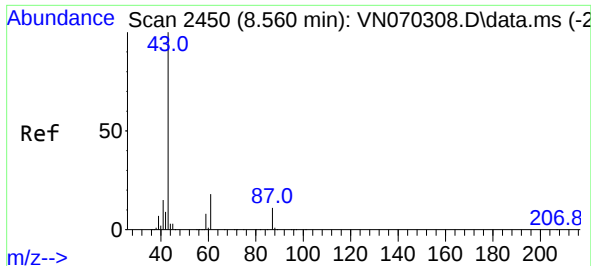
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#42
1,2-Dichloroethane
Concen: 18.170 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

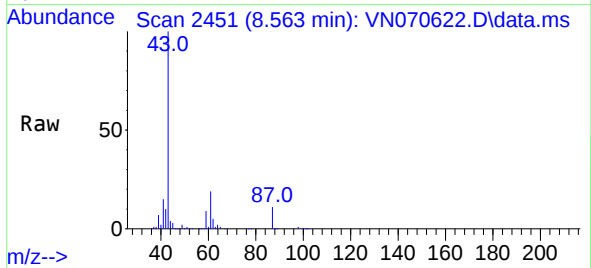
Tgt Ion: 62 Resp: 293292
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.426 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

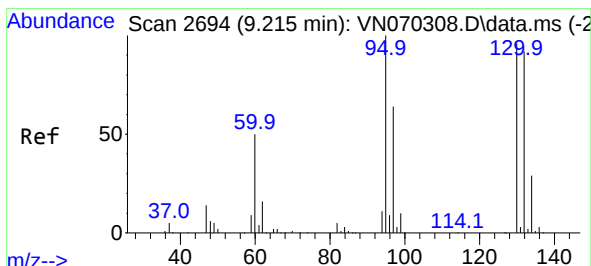
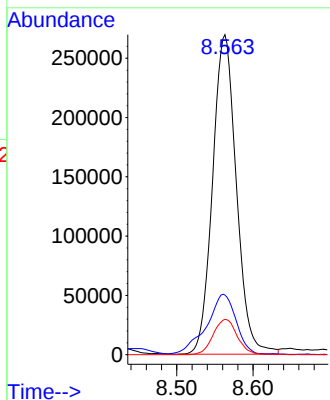
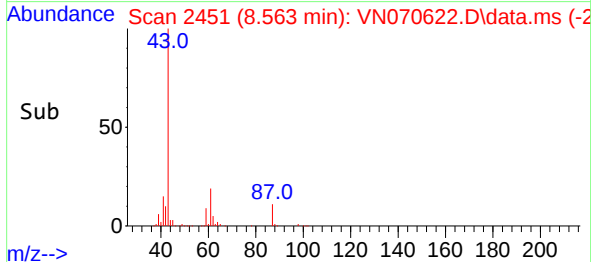
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



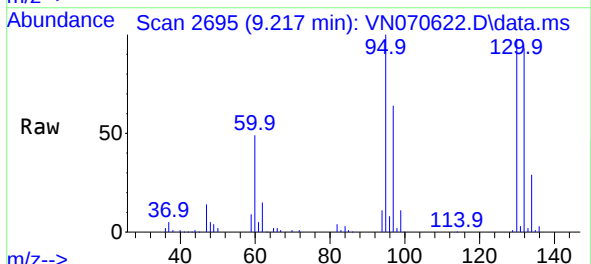
Tgt Ion: 43 Resp: 584698
Ion Ratio Lower Upper
43 100
61 23.1 20.4 30.6
87 11.2 11.2 16.8

Manual Integrations
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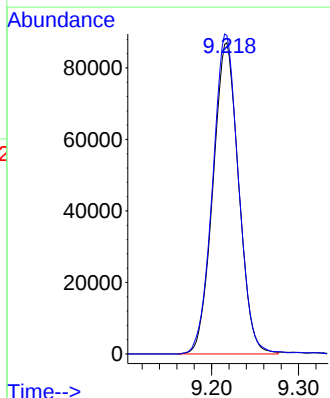
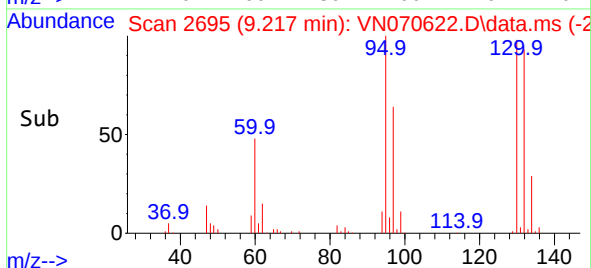
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

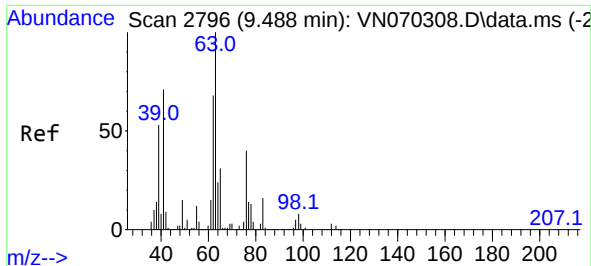


#44
Trichloroethene
Concen: 17.503 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



Tgt Ion:130 Resp: 178600
Ion Ratio Lower Upper
130 100
95 102.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.608 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070622.D

Acq: 14 Jan 2022 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

Tgt Ion: 63 Resp: 226719

Ion Ratio Lower Upper

63 100

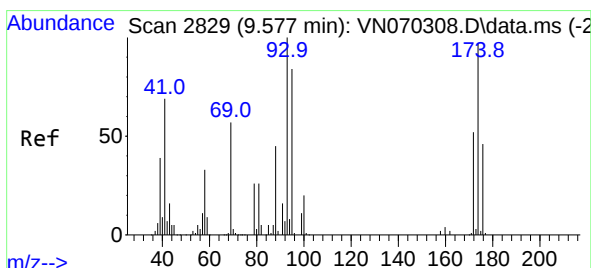
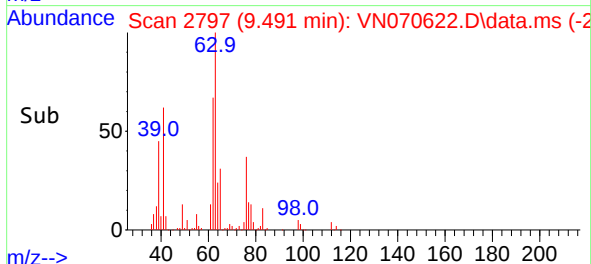
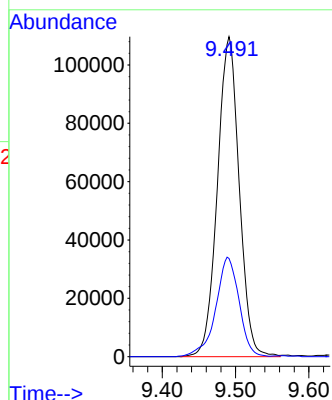
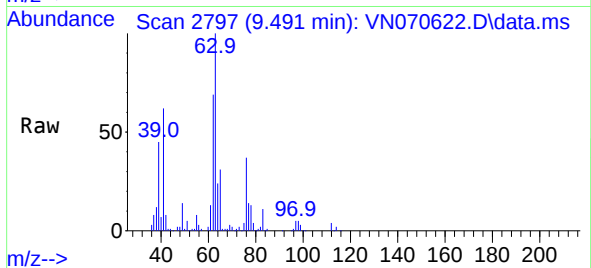
65 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#46

Dibromomethane

Concen: 18.858 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070622.D

Acq: 14 Jan 2022 14:47

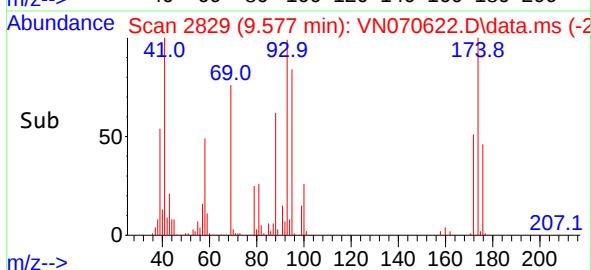
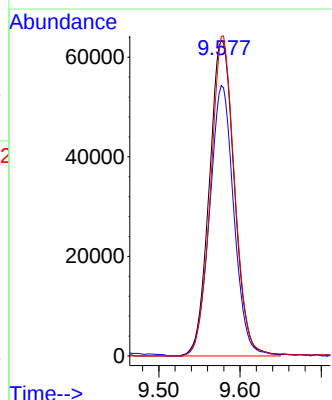
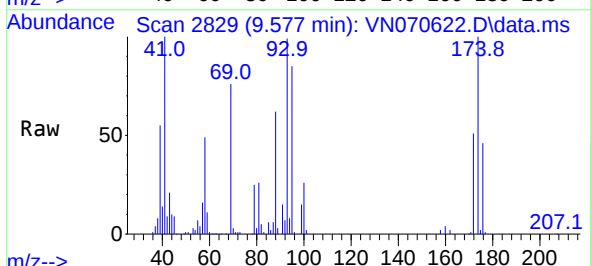
Tgt Ion: 93 Resp: 135586

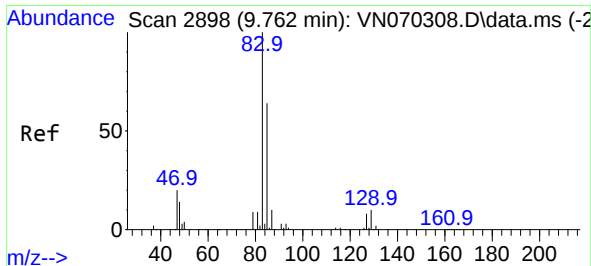
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

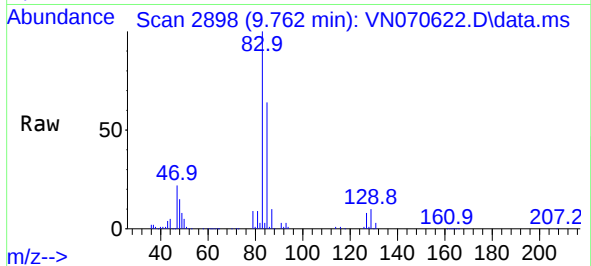
174 96.8 84.6 127.0





#47
Bromodichloromethane
Concen: 19.250 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

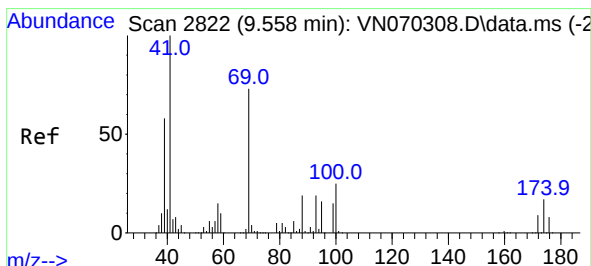
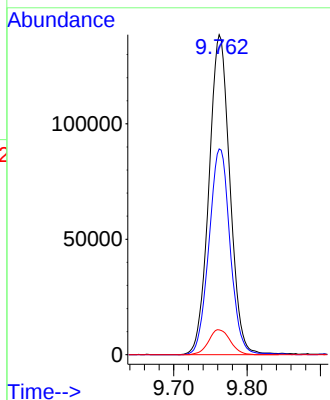
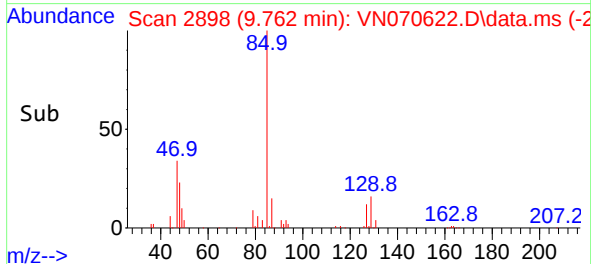
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



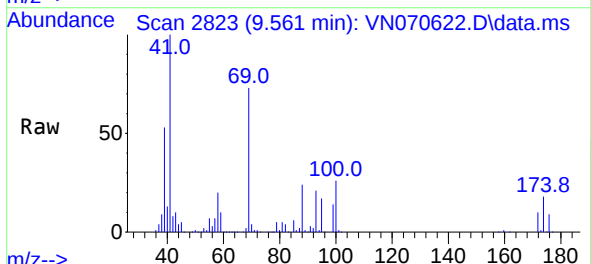
Tgt Ion: 83 Resp: 274818
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3
127 7.8 7.1 10.7

Manual Integrations
APPROVED

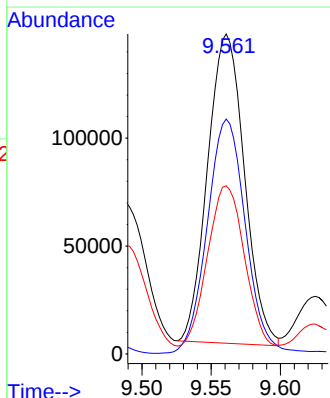
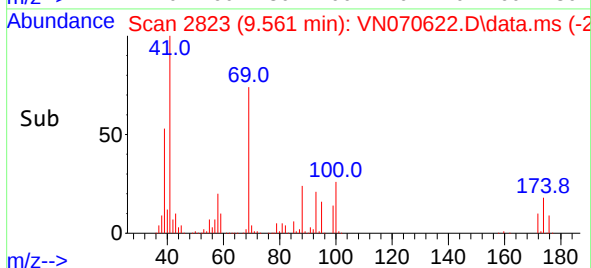
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

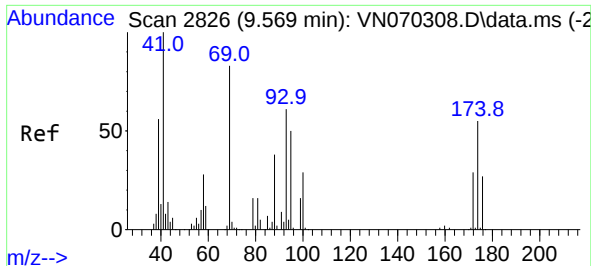


#48
Methyl methacrylate
Concen: 19.402 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



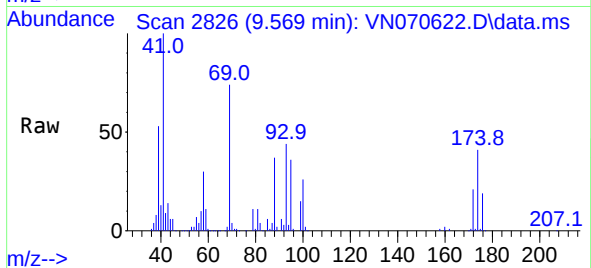
Tgt Ion: 41 Resp: 264923
Ion Ratio Lower Upper
41 100
69 79.0 72.4 108.6
39 56.9 58.4 87.6#





#49
1,4-Dioxane
Concen: 489.005 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

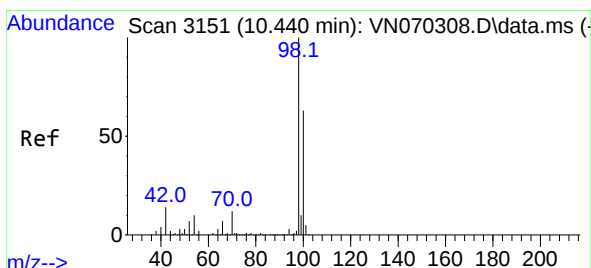
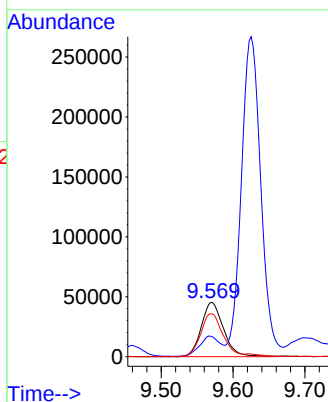
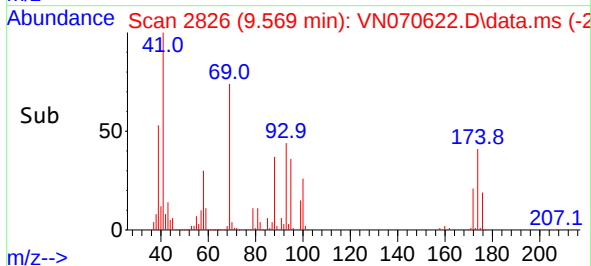
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



Tgt Ion: 88 Resp: 97739
Ion Ratio Lower Upper
88 100
43 33.8 23.4 35.2
58 78.5 50.6 75.8

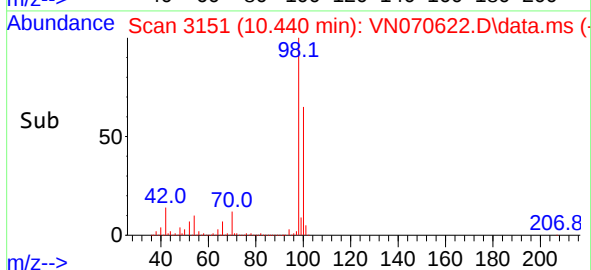
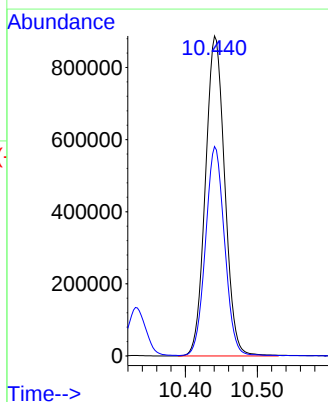
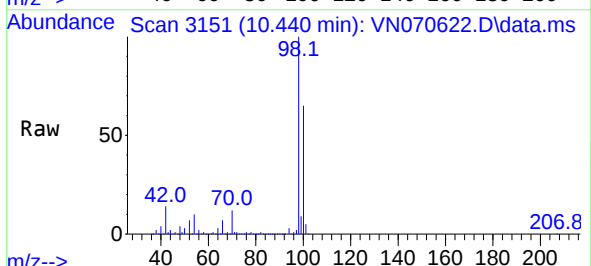
Manual Integrations
APPROVED

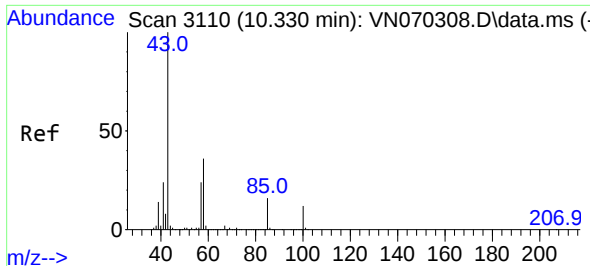
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#50
Toluene-d8
Concen: 47.975 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

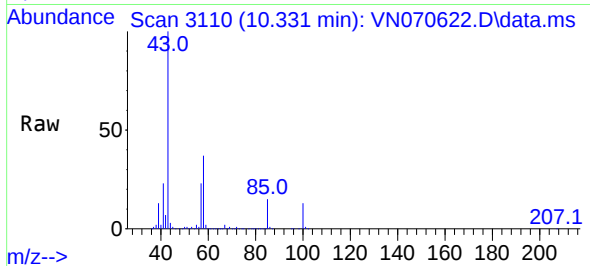
Tgt Ion: 98 Resp: 1659453
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 110.805 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.001 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

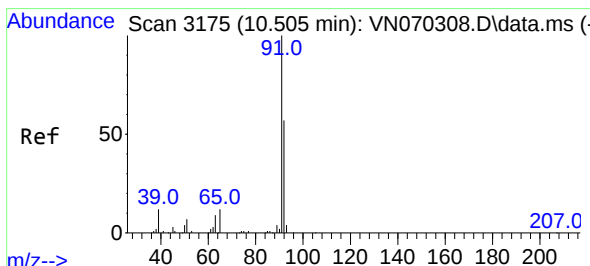
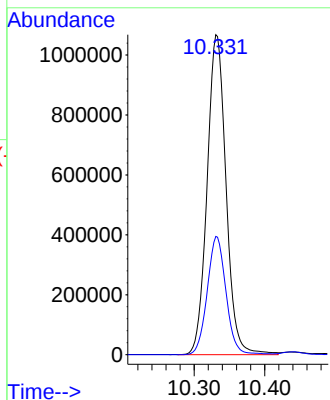
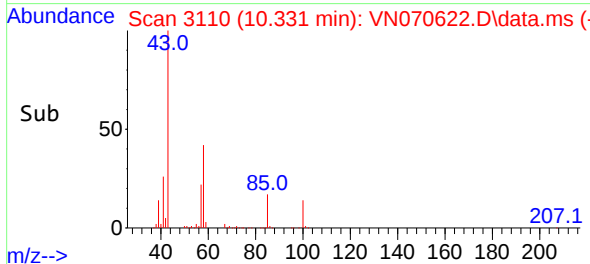
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



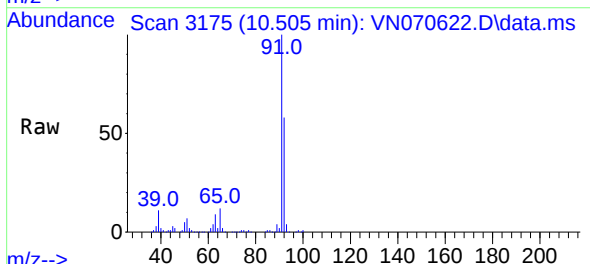
Tgt Ion: 43 Resp: 1993089
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6

Manual Integrations
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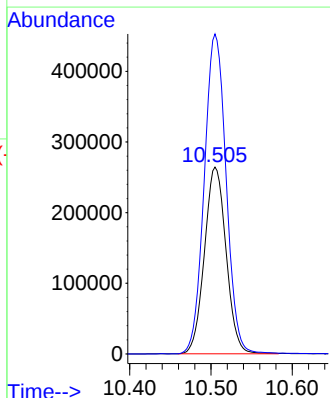
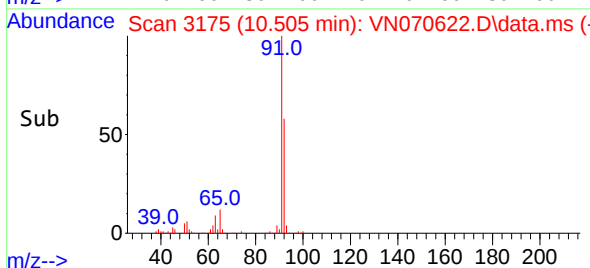
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

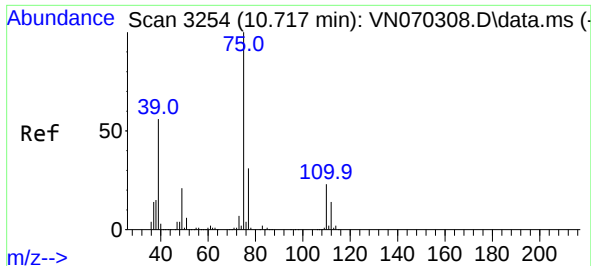


#52
Toluene
Concen: 18.819 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



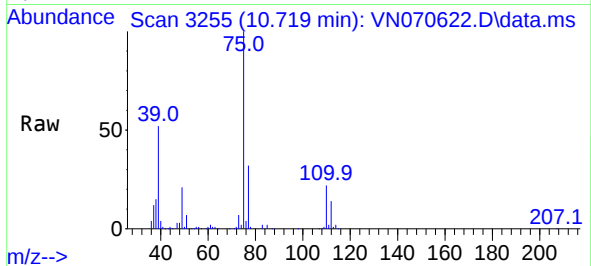
Tgt Ion: 92 Resp: 489163
Ion Ratio Lower Upper
92 100
91 173.5 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.624 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

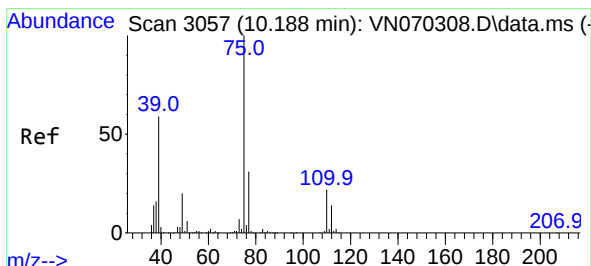
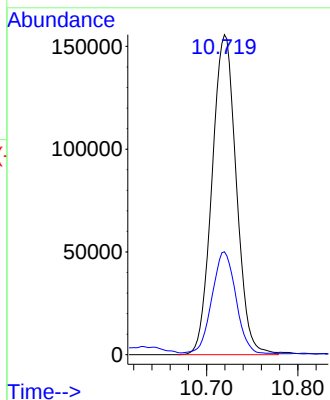
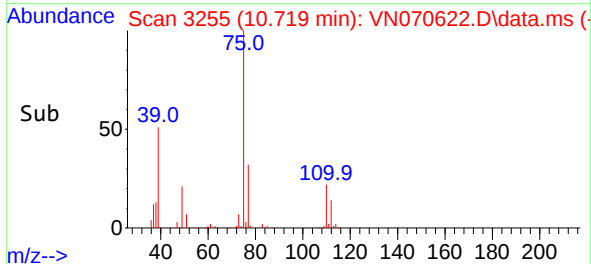
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



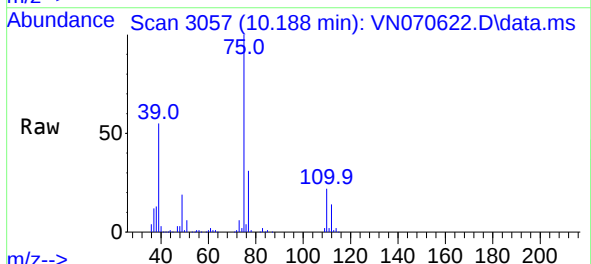
Tgt Ion: 75 Resp: 28783
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

Manual Integrations
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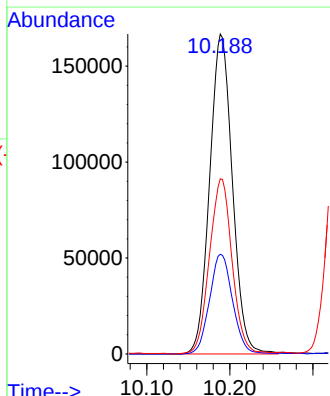
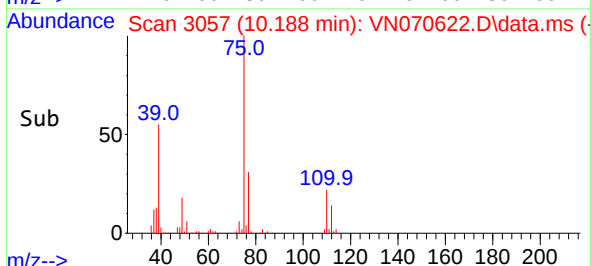
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

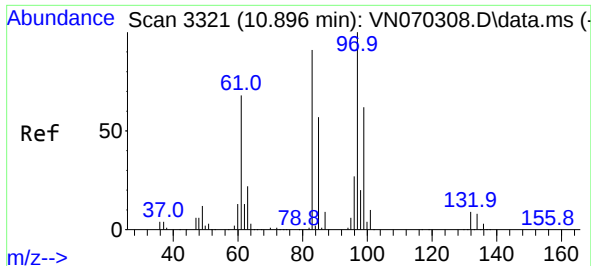


#54
cis-1,3-Dichloropropene
Concen: 18.937 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



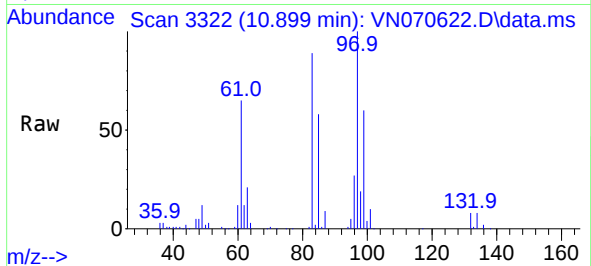
Tgt Ion: 75 Resp: 316593
Ion Ratio Lower Upper
75 100
77 31.1 26.4 39.6
39 54.7 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 20.126 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01

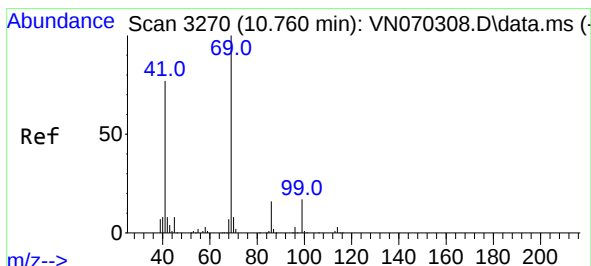
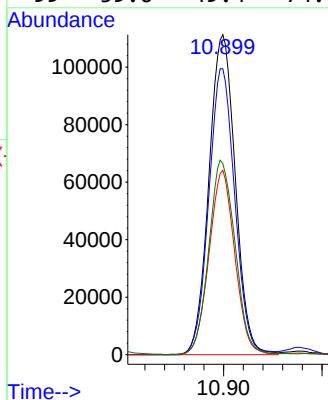
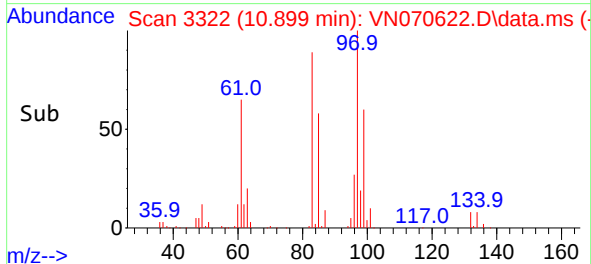


Tgt Ion: 97 Resp: 206980

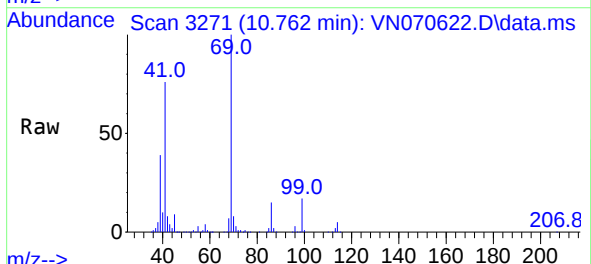
Ion	Ratio	Lower	Upper
97	100		
83	89.2	67.8	101.6
85	57.6	45.4	68.2
99	59.6	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

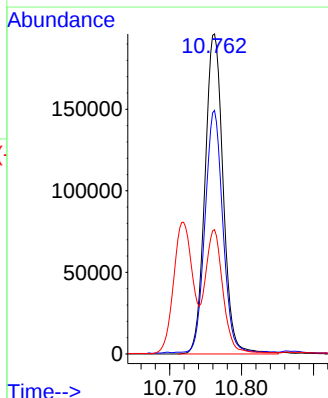
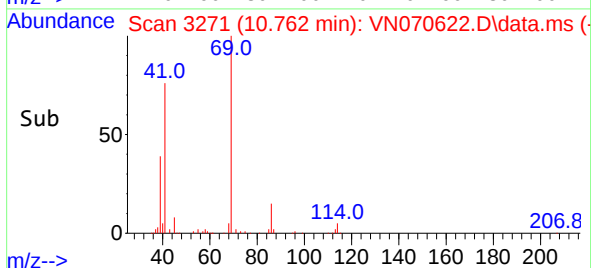


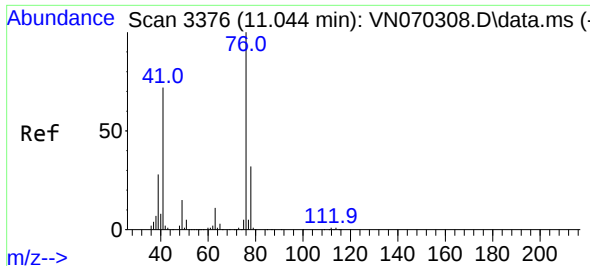
#56
Ethyl methacrylate
Concen: 20.306 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



Tgt Ion: 69 Resp: 345069

Ion	Ratio	Lower	Upper
69	100		
41	74.1	51.4	77.0
39	37.3	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.817 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070622.D

Acq: 14 Jan 2022 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

Tgt Ion: 76 Resp: 360480

Ion Ratio Lower Upper

76 100

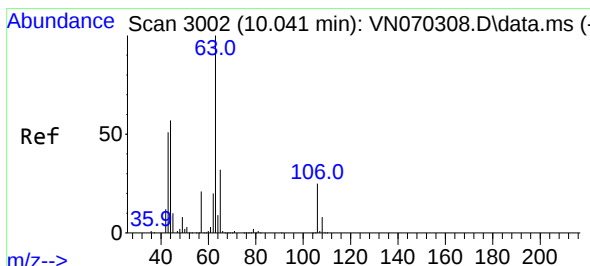
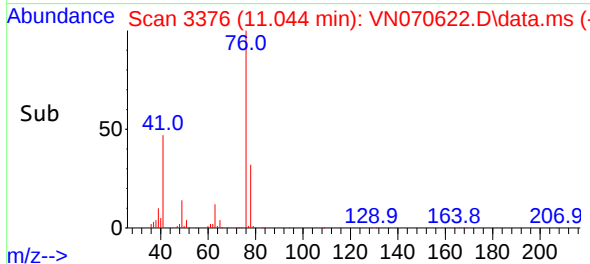
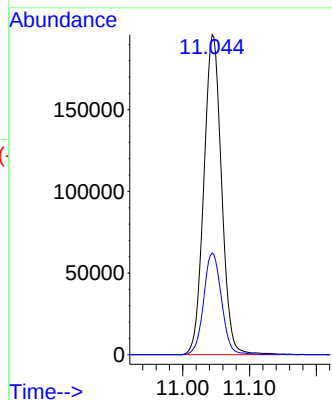
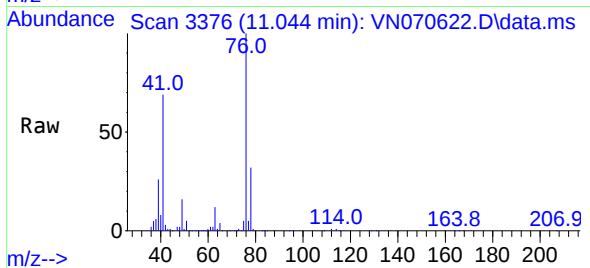
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 134.462 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070622.D

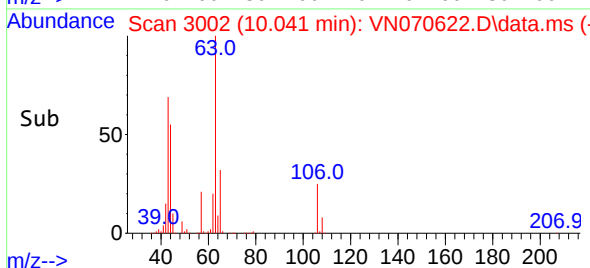
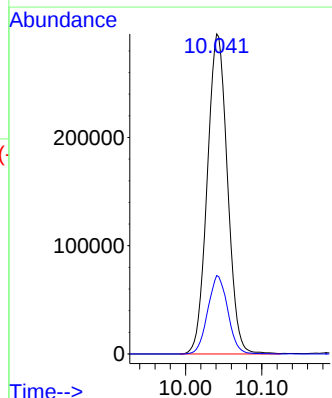
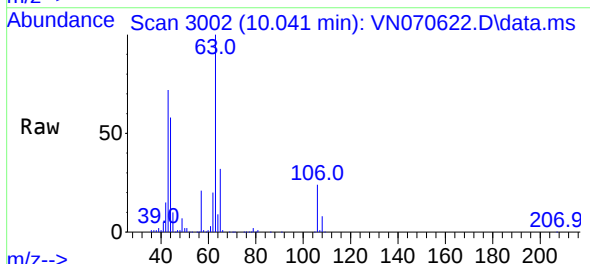
Acq: 14 Jan 2022 14:47

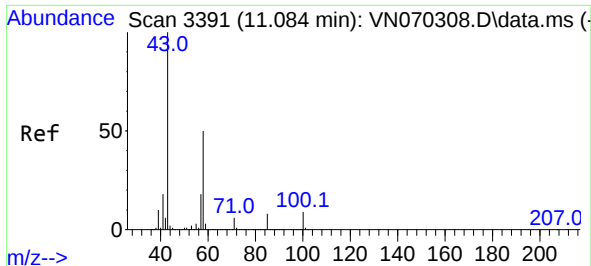
Tgt Ion: 63 Resp: 543542

Ion Ratio Lower Upper

63 100

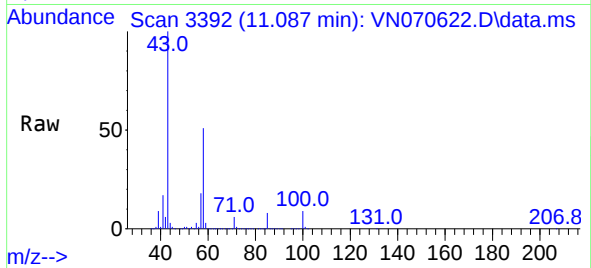
106 24.3 23.9 35.9





#59
2-Hexanone
Concen: 111.501 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

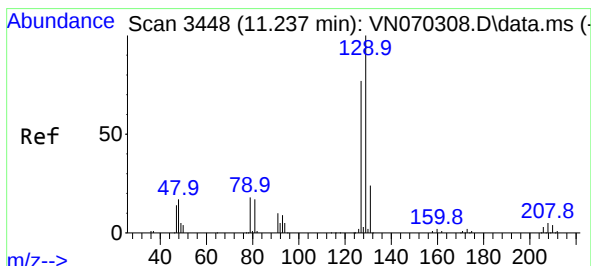
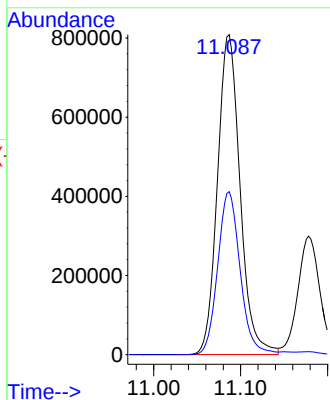
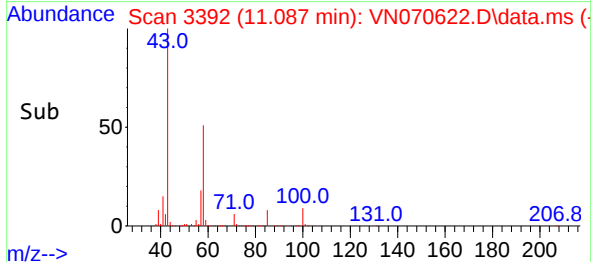
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



Tgt Ion: 43 Resp: 146258
Ion Ratio Lower Upper
43 100
58 50.5 26.9 80.7

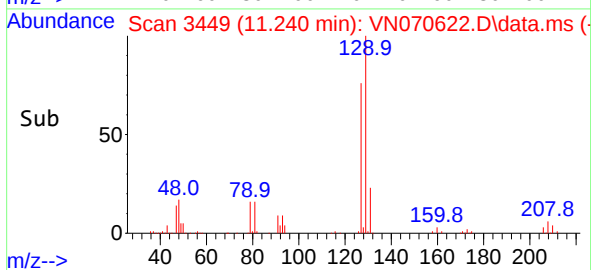
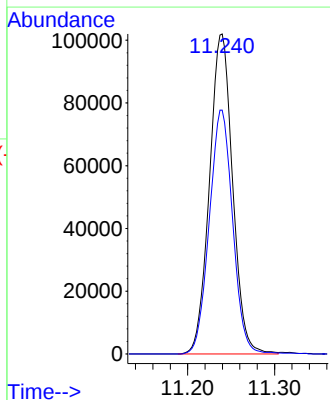
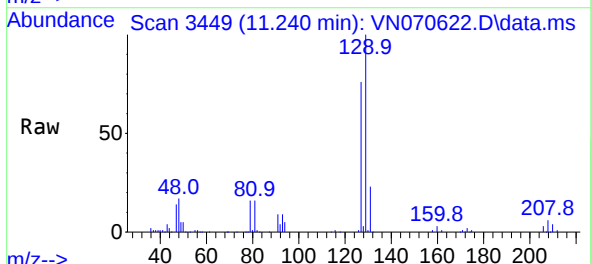
Manual Integrations
APPROVED

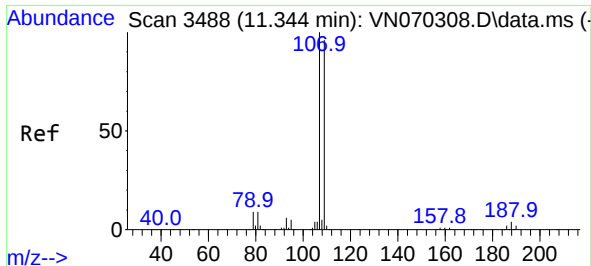
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#60
Dibromochloromethane
Concen: 18.796 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

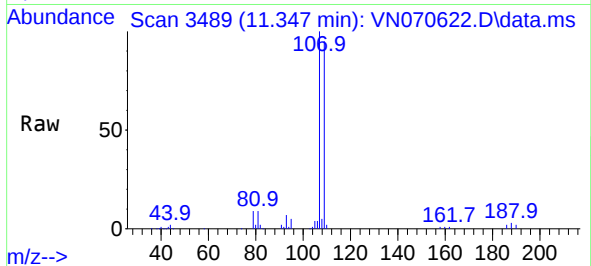
Tgt Ion:129 Resp: 188609
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.974 ug/l
RT: 11.347 min Scan# 3488
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

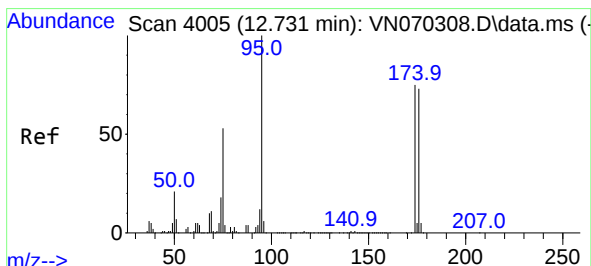
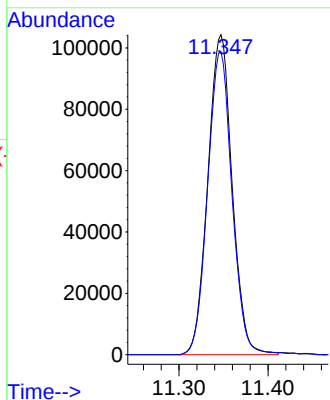
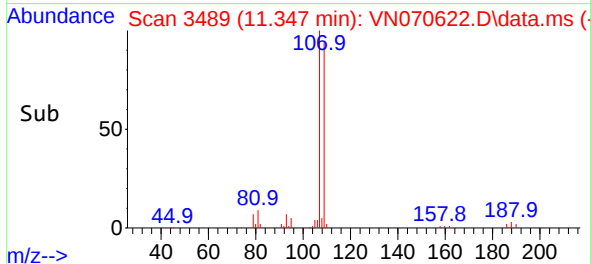
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



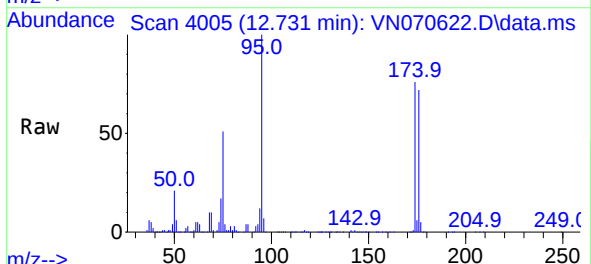
Tgt Ion:107 Resp: 19814
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5

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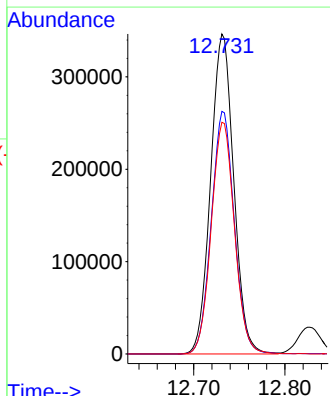
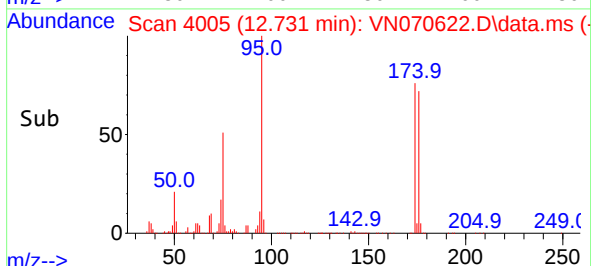
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

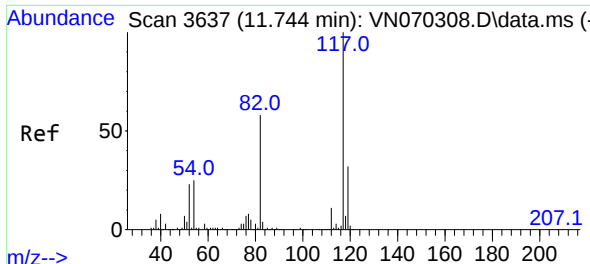


#62
4-Bromofluorobenzene
Concen: 48.832 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



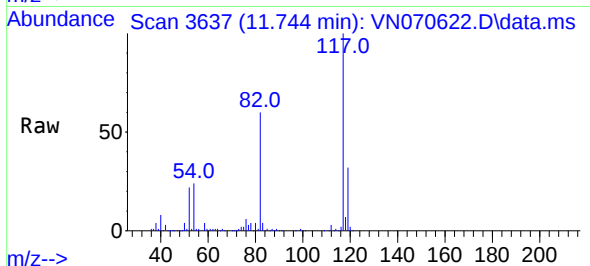
Tgt Ion: 95 Resp: 610066
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 72.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

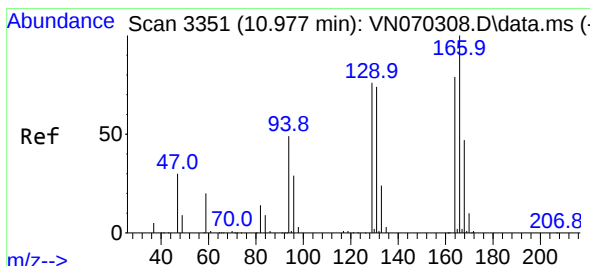
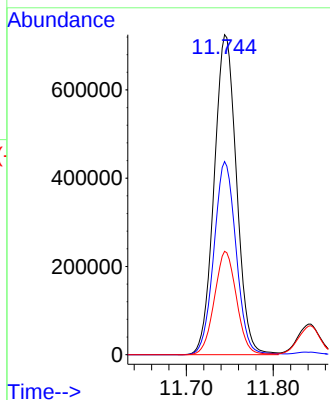
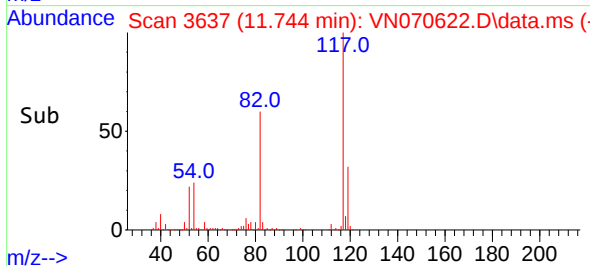
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



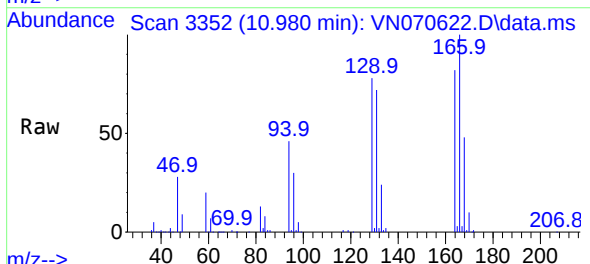
Tgt Ion:117 Resp: 1297149
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 32.3 25.4 38.2

Manual Integrations
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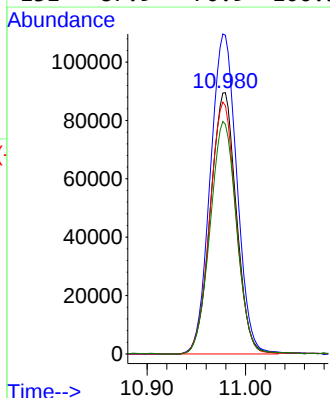
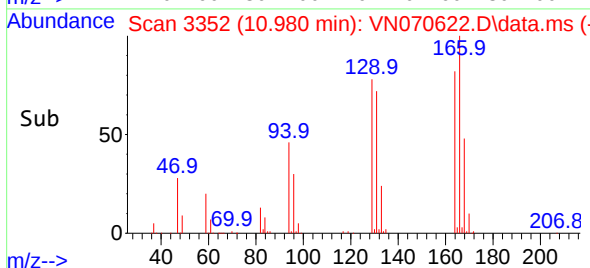
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

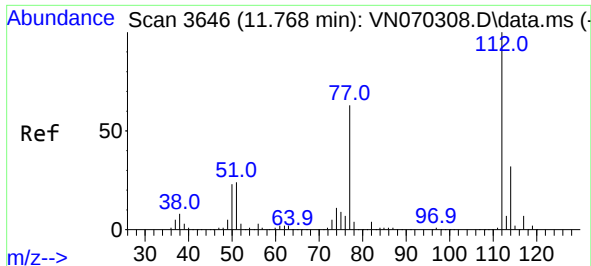


#64
Tetrachloroethene
Concen: 17.393 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



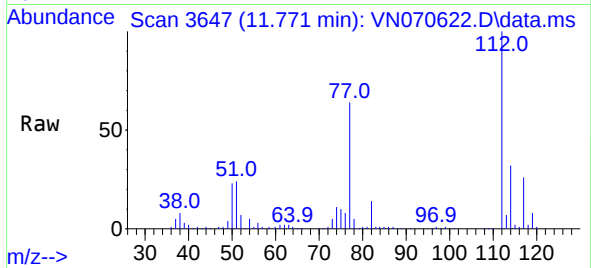
Tgt Ion:164 Resp: 163372
Ion Ratio Lower Upper
164 100
166 122.0 101.9 152.9
129 95.0 72.0 108.0
131 87.9 70.9 106.3





#65
Chlorobenzene
Concen: 18.489 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

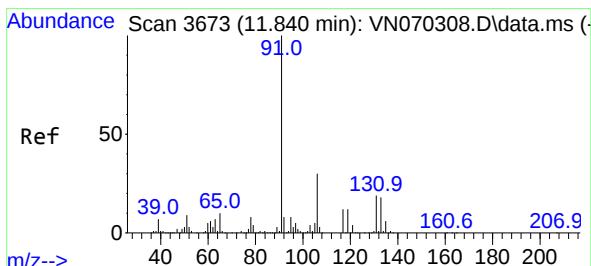
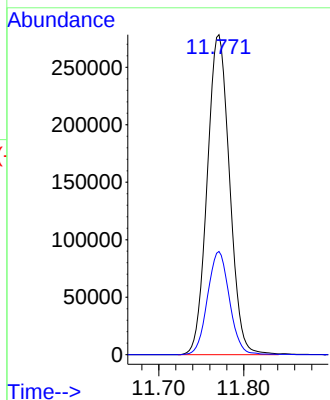
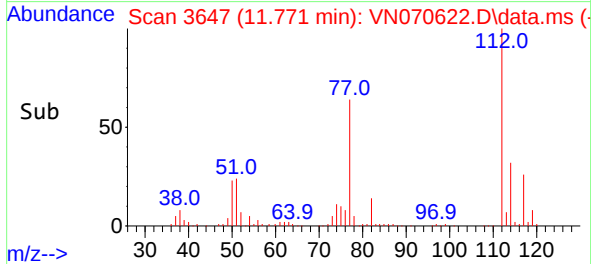
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



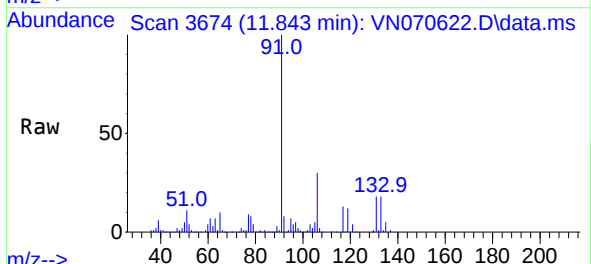
Tgt Ion:112 Resp: 50886
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

Manual Integrations
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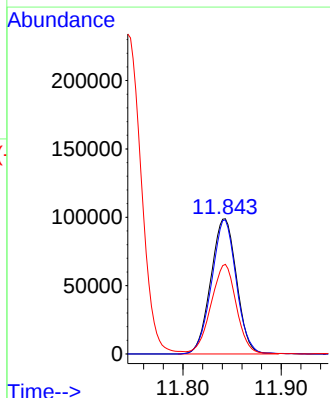
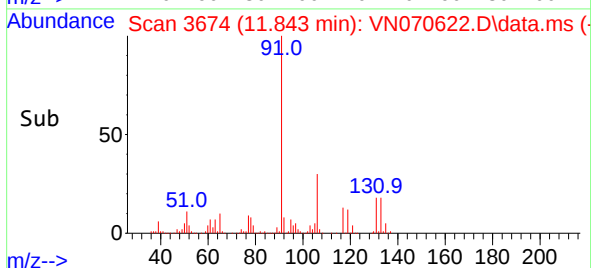
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

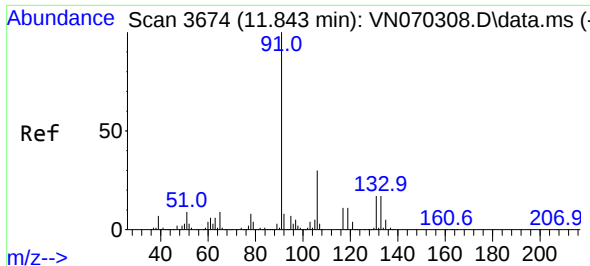


#66
1,1,1,2-Tetrachloroethane
Concen: 18.330 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



Tgt Ion:131 Resp: 180101
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.7
119 65.2 32.1 96.5





#67

Ethyl Benzene

Concen: 18.630 ug/l

RT: 11.846 min Scan# 30

Delta R.T. 0.003 min

Lab File: VN070622.D

Acq: 14 Jan 2022 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN0114WBSD01

Tgt Ion: 91 Resp: 939479

Ion Ratio Lower Upper

91 100

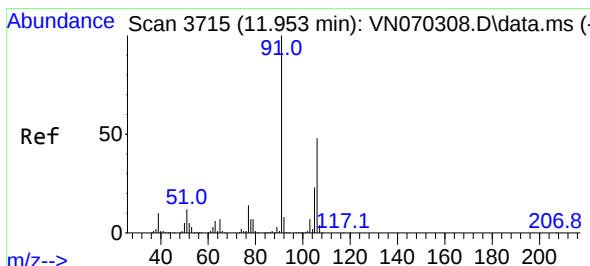
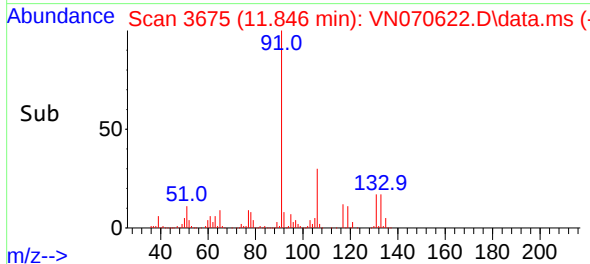
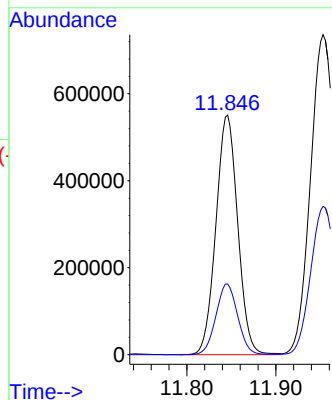
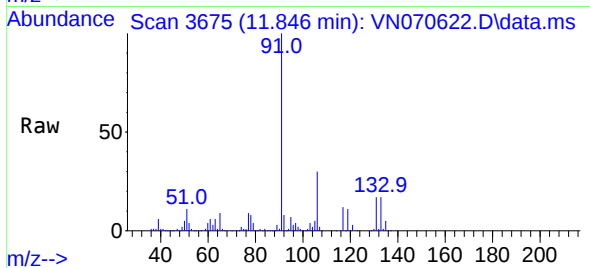
106 29.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#68

m/p-Xylenes

Concen: 36.902 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN070622.D

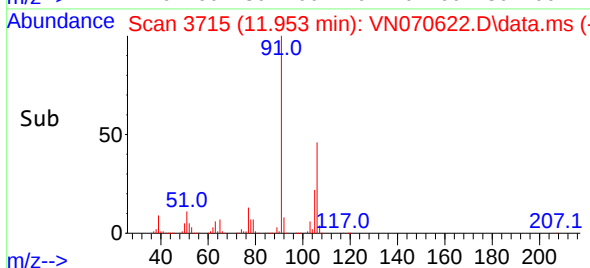
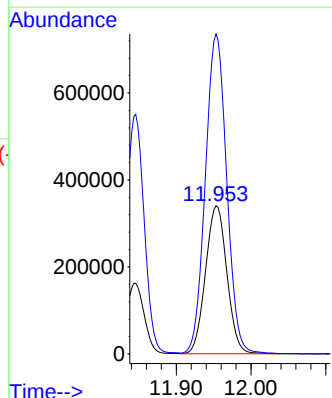
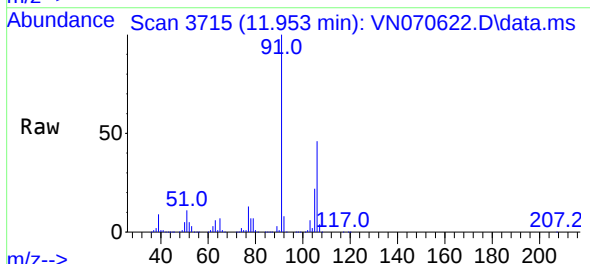
Acq: 14 Jan 2022 14:47

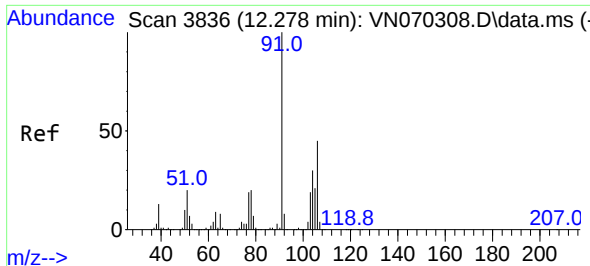
Tgt Ion:106 Resp: 677378

Ion Ratio Lower Upper

106 100

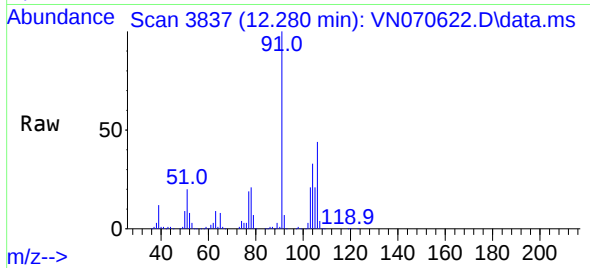
91 216.1 160.6 240.8





#69
o-Xylene
Concen: 18.739 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

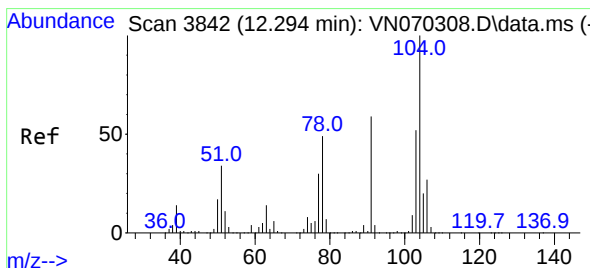
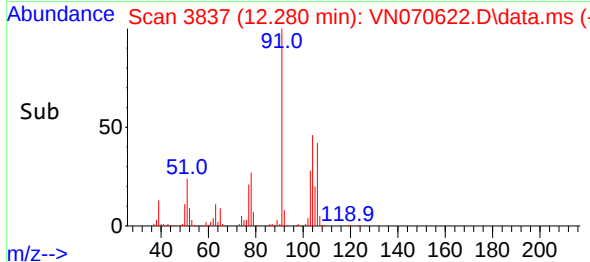
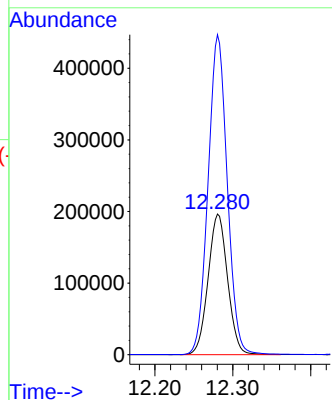
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



Tgt Ion:106 Resp: 342134
Ion Ratio Lower Upper
106 100
91 223.7 105.8 317.3

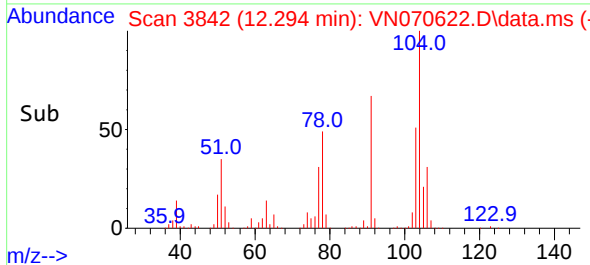
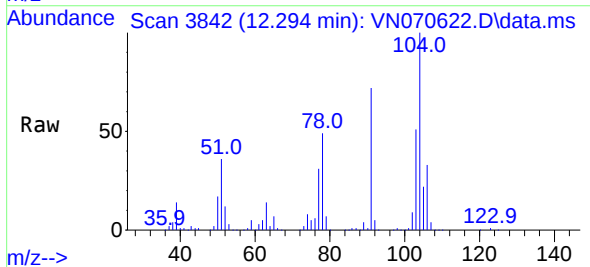
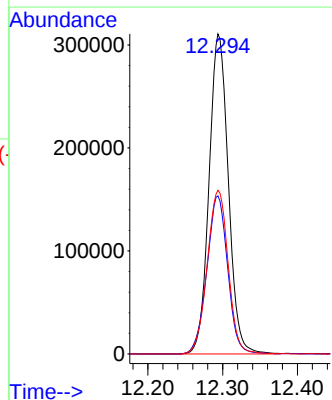
Manual Integrations
APPROVED

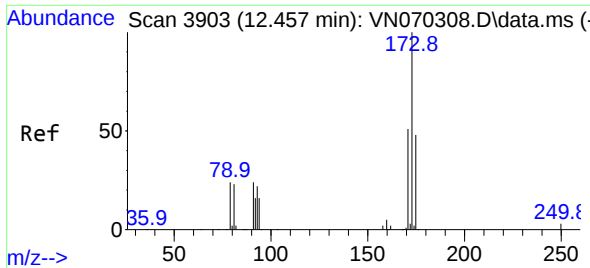
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#70
Styrene
Concen: 19.299 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

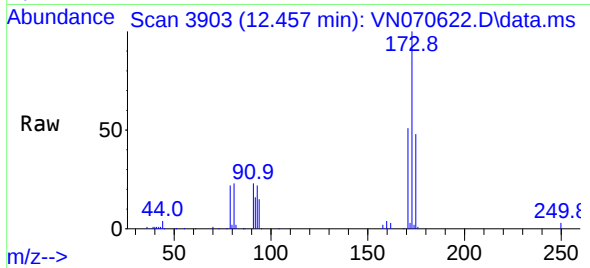
Tgt Ion:104 Resp: 557678
Ion Ratio Lower Upper
104 100
78 53.3 38.7 58.1
103 55.7 45.0 67.6





#71
Bromoform
Concen: 19.046 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

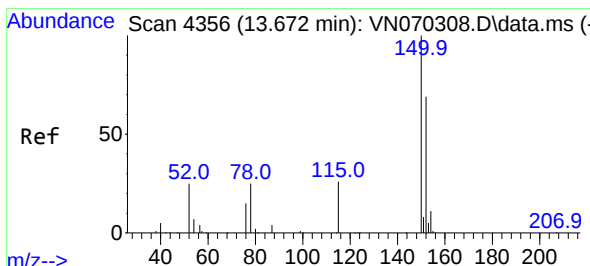
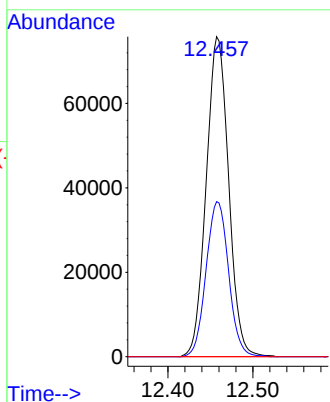
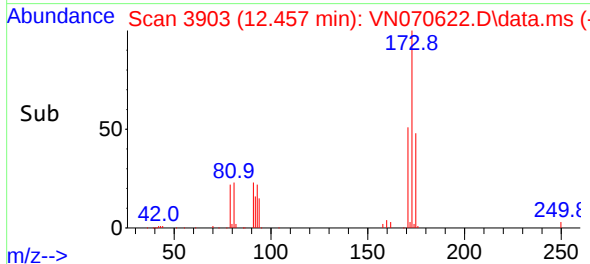
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



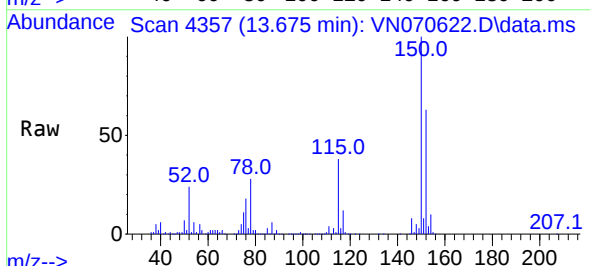
Tgt Ion:173 Resp: 13888
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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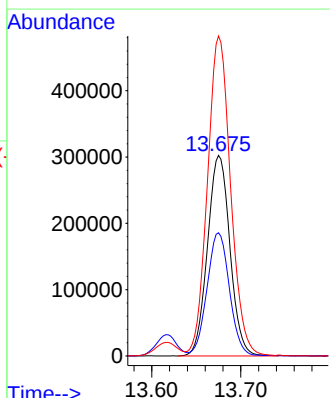
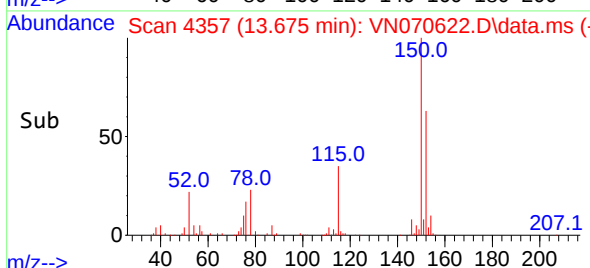
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

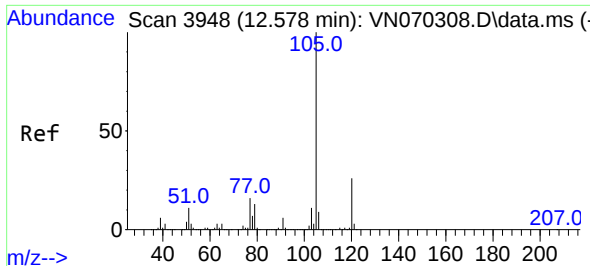


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



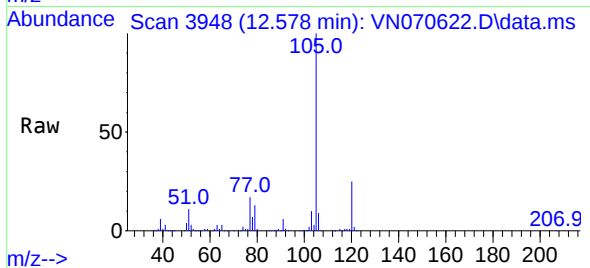
Tgt Ion:152 Resp: 530514
Ion Ratio Lower Upper
152 100
115 61.5 27.5 82.5
150 163.9 0.0 344.4





#73
Isopropylbenzene
Concen: 18.229 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

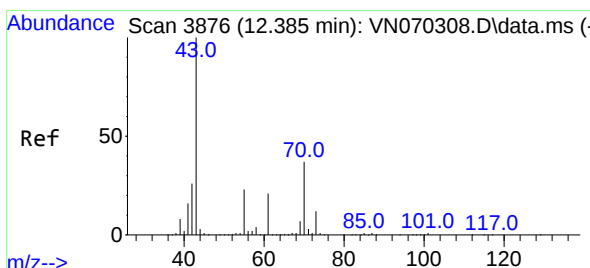
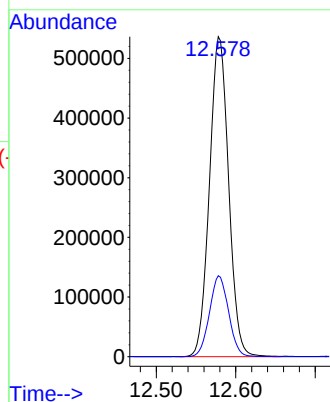
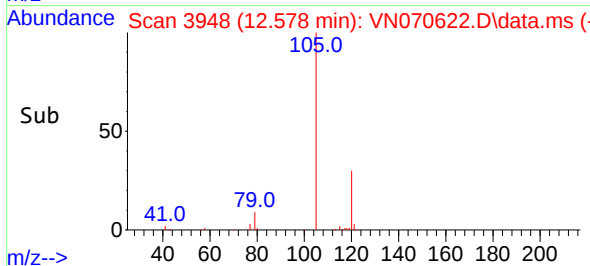
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



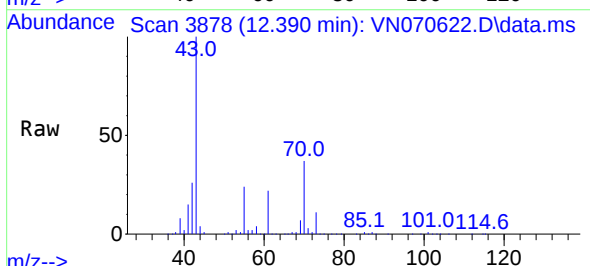
Tgt Ion:105 Resp: 898048
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1

Manual Integrations
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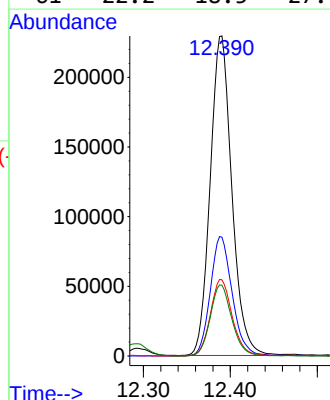
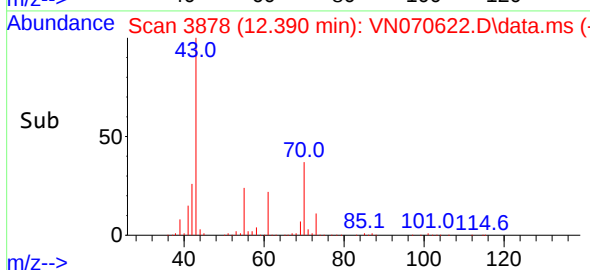
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

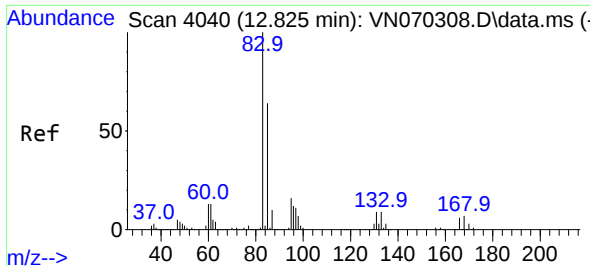


#74
N-ethyl acetate
Concen: 19.166 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.005 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



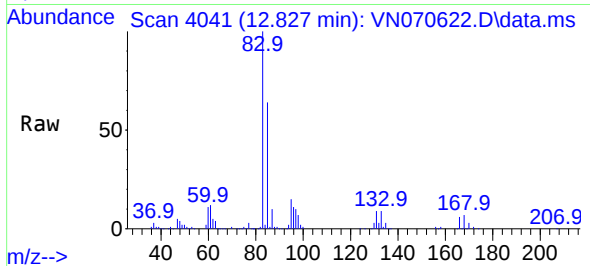
Tgt Ion: 43 Resp: 397026
Ion Ratio Lower Upper
43 100
70 37.8 33.4 50.0
55 24.3 19.3 28.9
61 22.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.604 ug/l
RT: 12.827 min Scan# 4040
Delta R.T. 0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

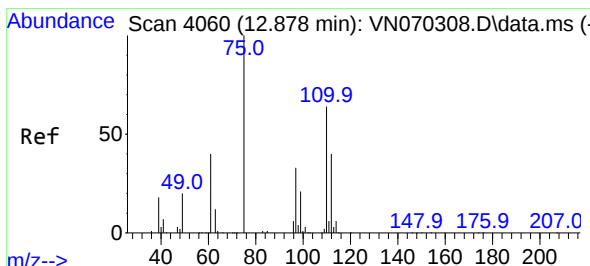
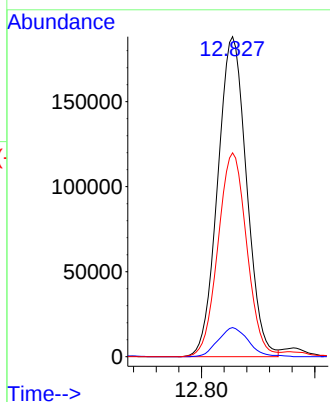
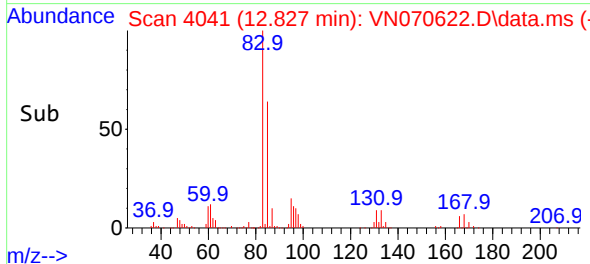
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



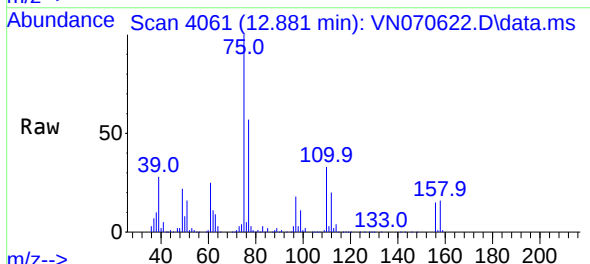
Tgt Ion: 83 Resp: 333020
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.5
85 63.6 32.4 97.2

Manual Integrations
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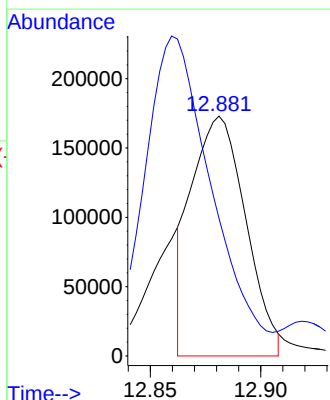
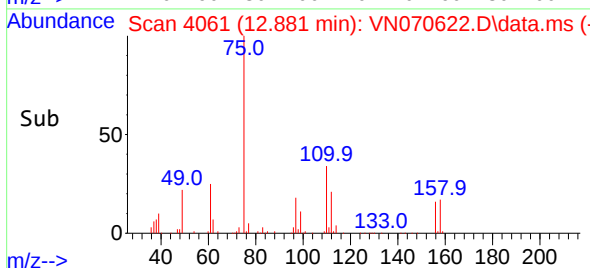
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

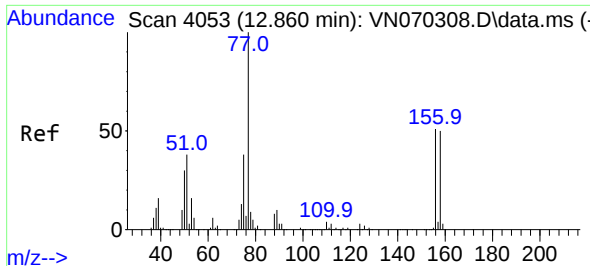


#76
1,2,3-Trichloropropane
Concen: 20.559 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



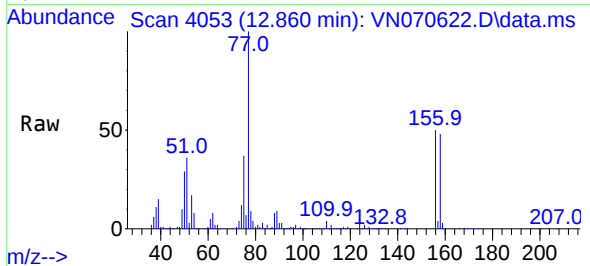
Tgt Ion: 75 Resp: 296147
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 18.207 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

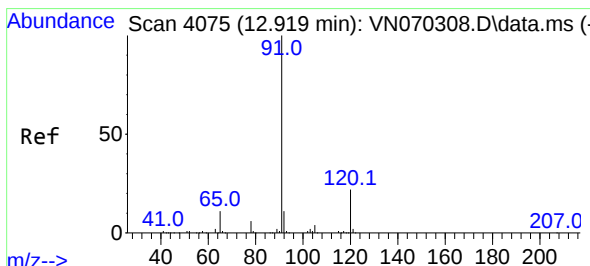
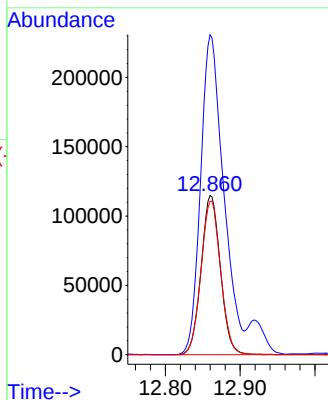
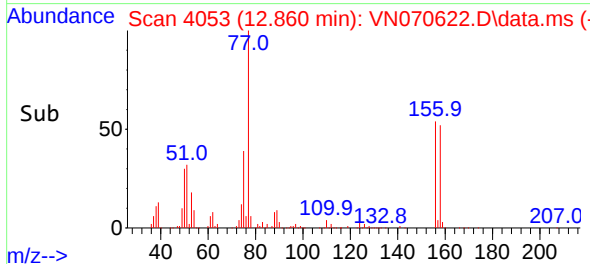
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



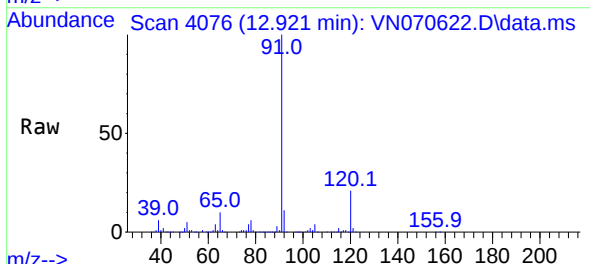
Tgt Ion:156 Resp: 205934
Ion Ratio Lower Upper
156 100
77 238.0 90.6 271.8
158 98.2 48.9 146.7

Manual Integrations
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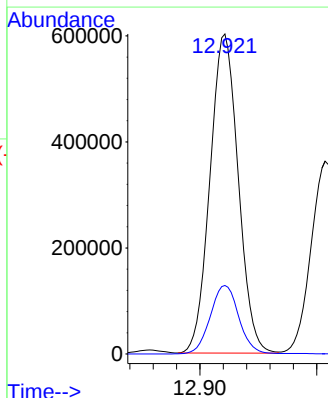
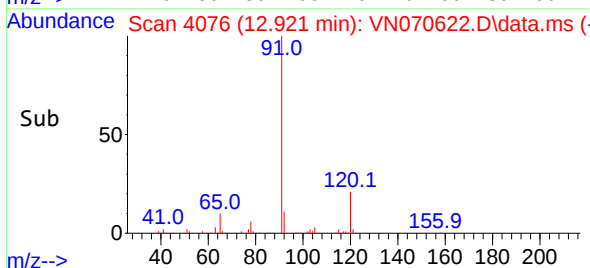
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

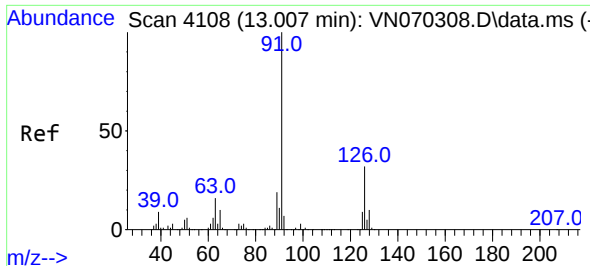


#78
n-propylbenzene
Concen: 18.516 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



Tgt Ion: 91 Resp: 1010733
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





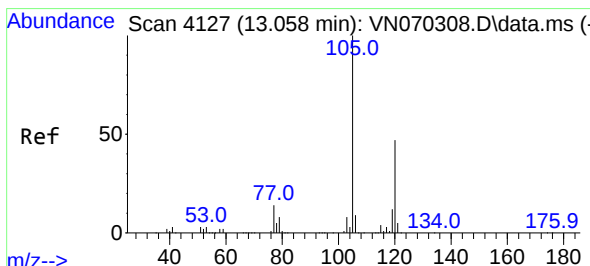
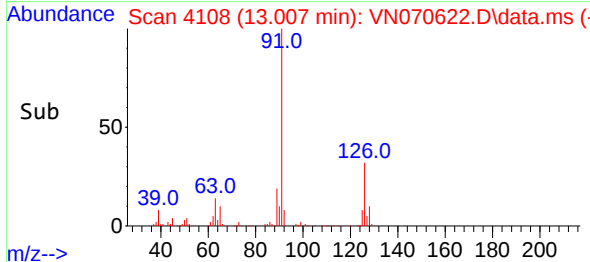
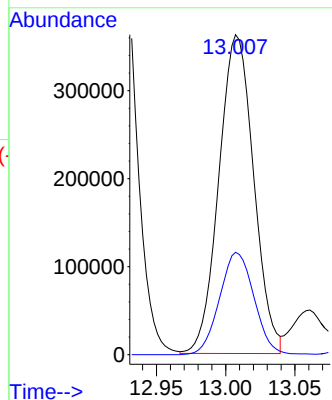
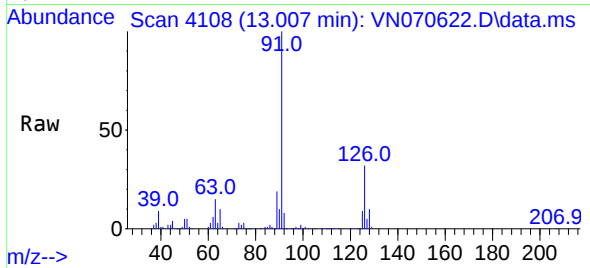
#79
2-Chlorotoluene
Concen: 18.090 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. 0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01

Tgt Ion: 91 Resp: 63359
Ion Ratio Lower Upper
91 100
126 31.9 18.3 54.8

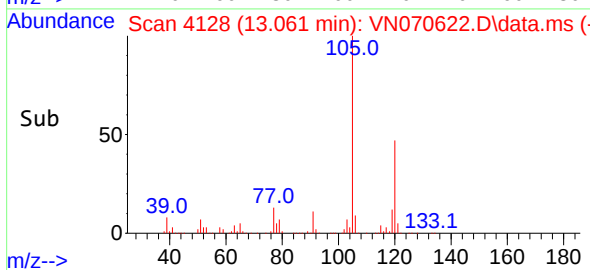
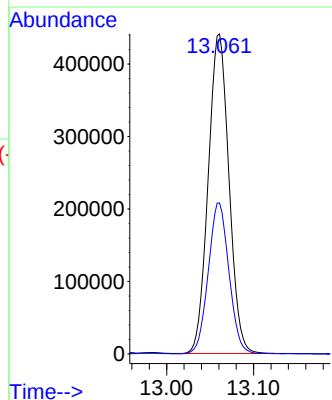
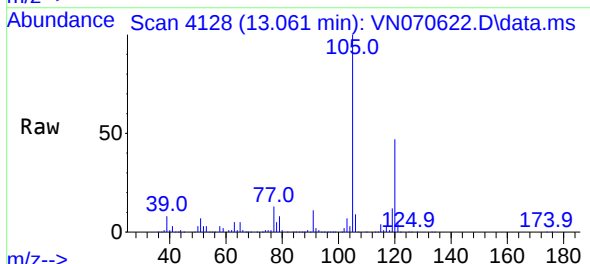
Manual Integrations
APPROVED

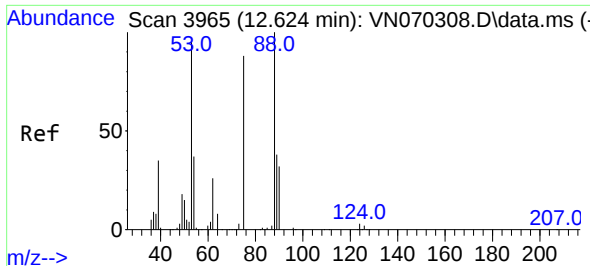
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.546 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

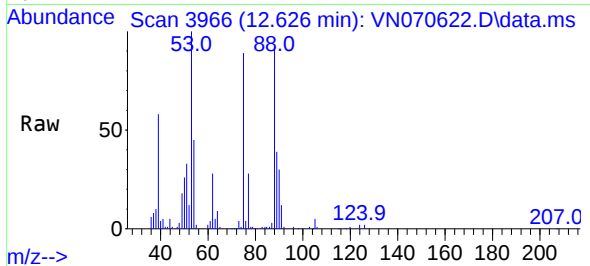
Tgt Ion:105 Resp: 732188
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.857 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

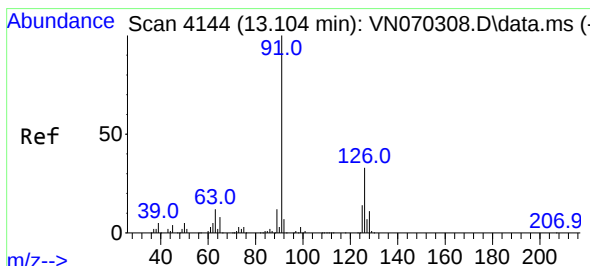
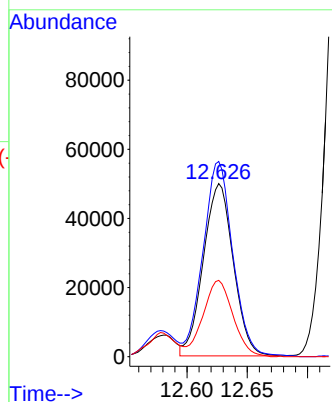
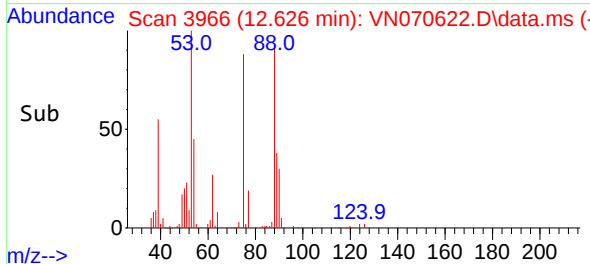
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



Tgt Ion: 75 Resp: 8622
Ion Ratio Lower Upper
75 100
53 112.5 90.5 135.7
89 43.9 38.2 57.4

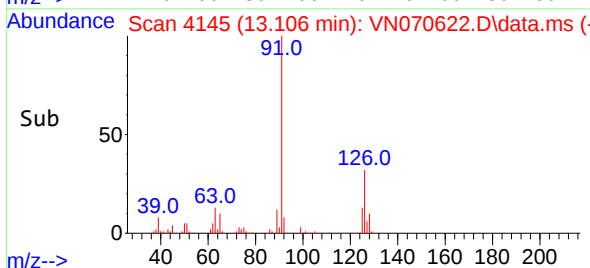
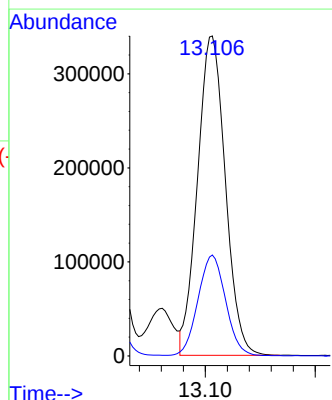
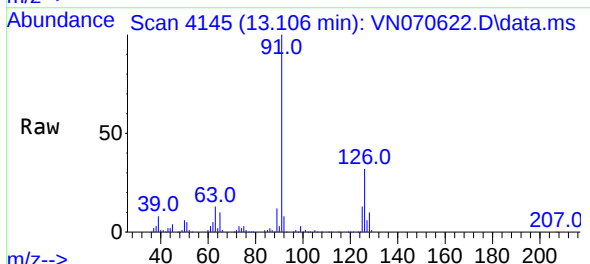
Manual Integrations
APPROVED

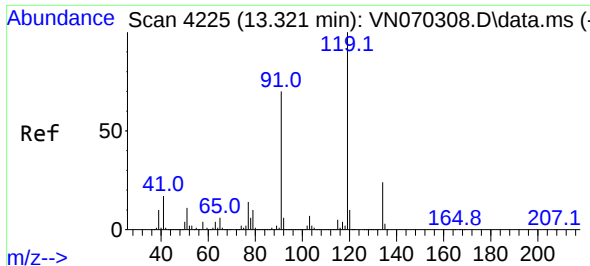
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#82
4-Chlorotoluene
Concen: 18.192 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

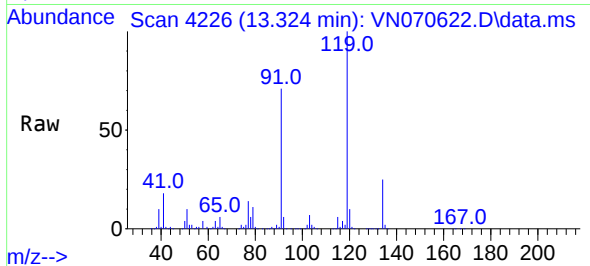
Tgt Ion: 91 Resp: 596834
Ion Ratio Lower Upper
91 100
126 31.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 18.068 ug/l
RT: 13.324 min Scan# 4225
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

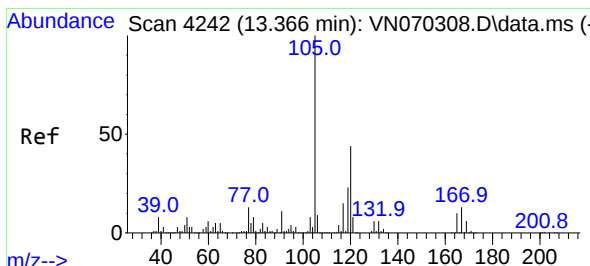
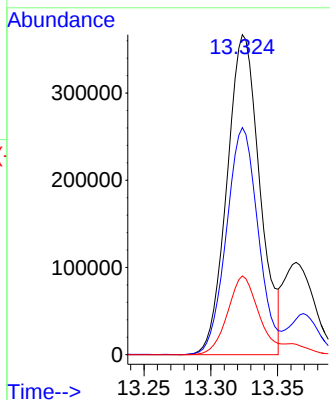
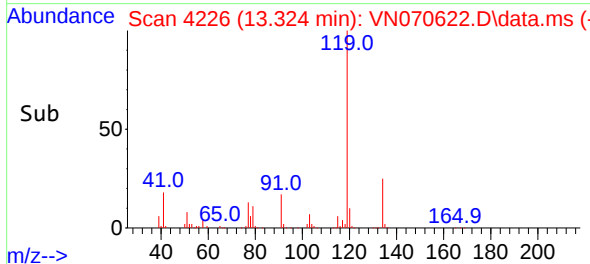
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



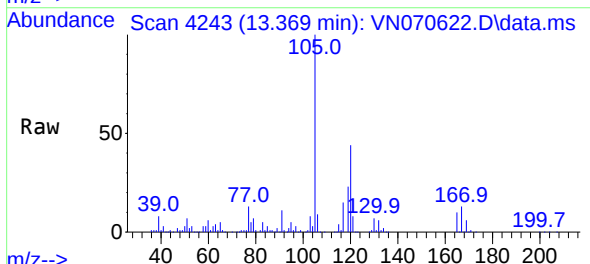
Tgt Ion:119 Resp: 628104
Ion Ratio Lower Upper
119 100
91 69.0 31.5 94.5
134 23.8 12.4 37.4

Manual Integrations
APPROVED

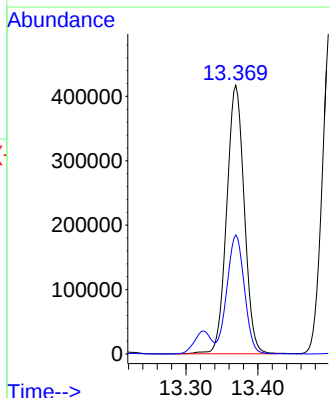
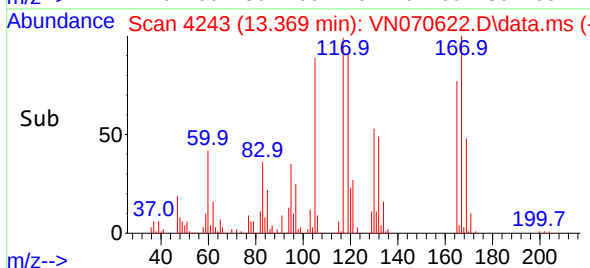
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

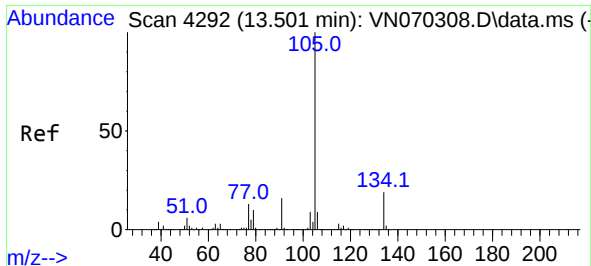


#84
1,2,4-Trimethylbenzene
Concen: 18.631 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



Tgt Ion:105 Resp: 708267
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





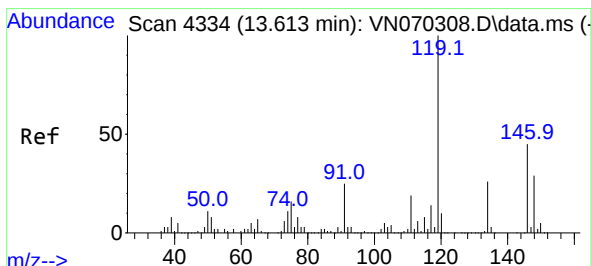
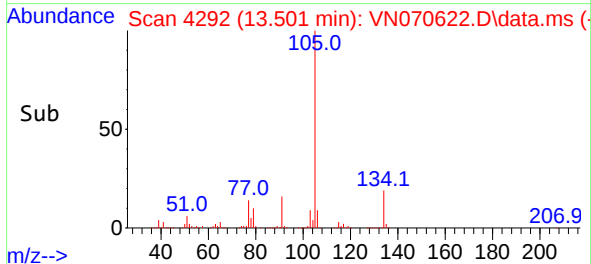
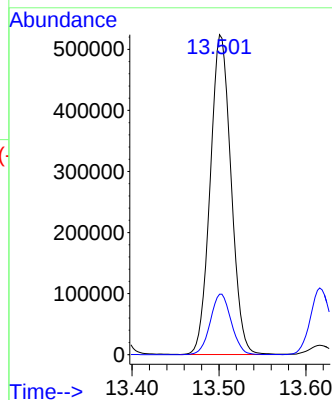
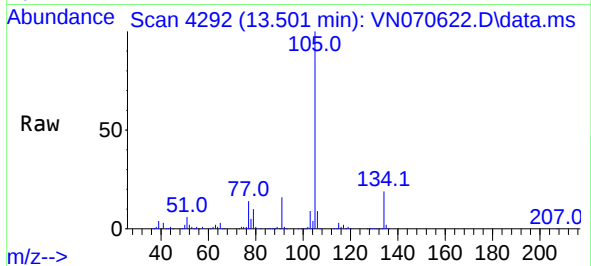
#85
 sec-Butylbenzene
 Concen: 18.455 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.000 min
 Lab File: VN070622.D
 Acq: 14 Jan 2022 14:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

Tgt Ion:105 Resp: 87101
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1

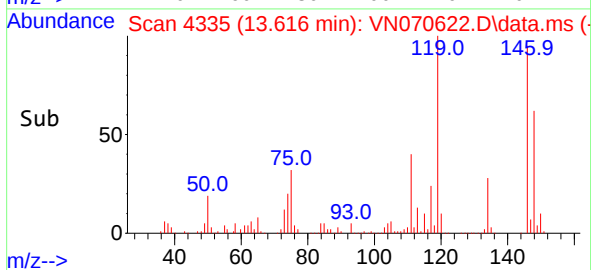
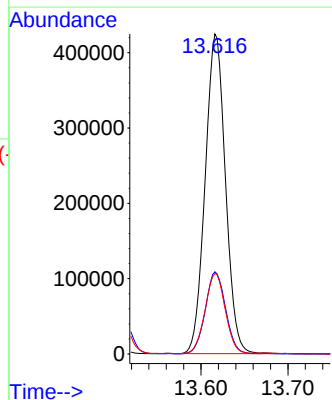
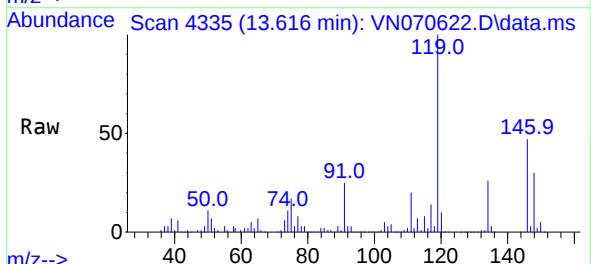
Manual Integrations
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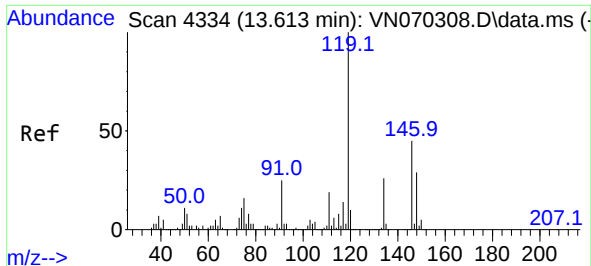
Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/18/2022



#86
 p-Isopropyltoluene
 Concen: 18.535 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070622.D
 Acq: 14 Jan 2022 14:47

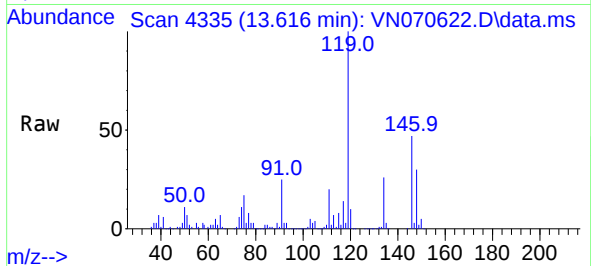
Tgt Ion:119 Resp: 687158
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 18.248 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

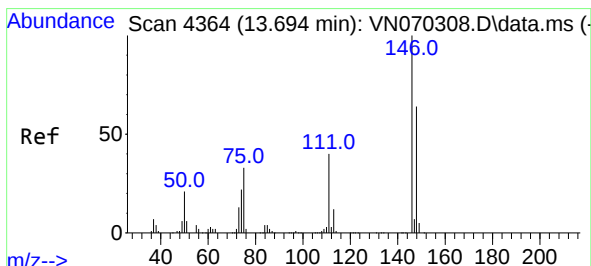
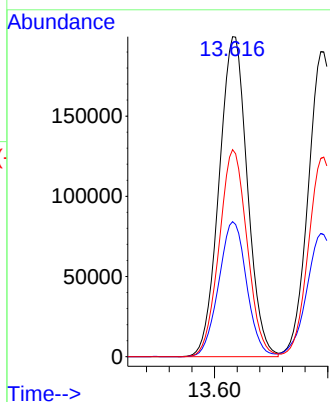
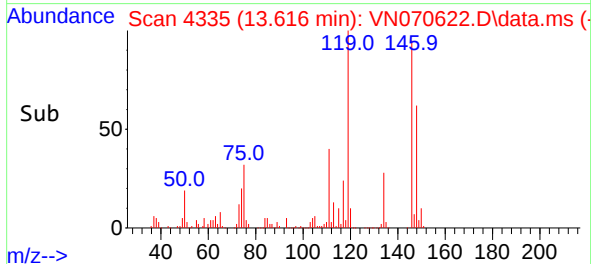
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



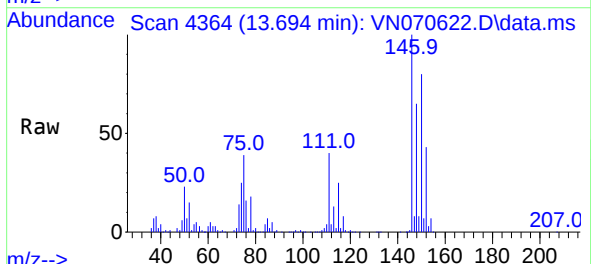
Tgt Ion:146 Resp: 345518
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 64.2 31.6 95.0

Manual Integrations
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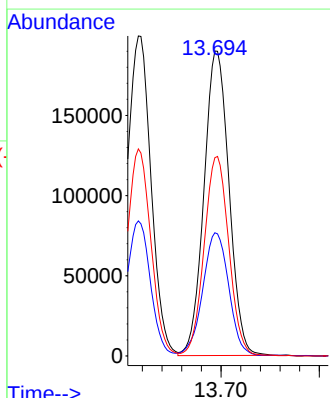
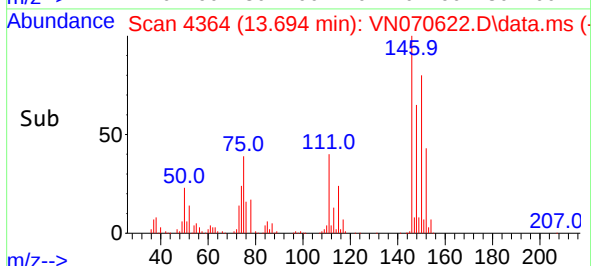
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

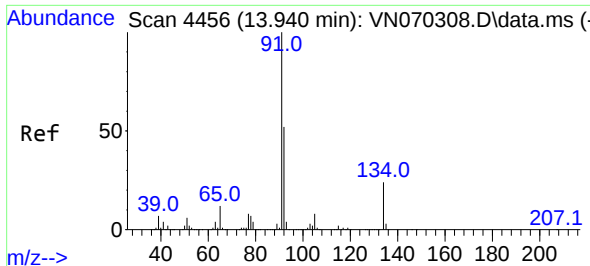


#88
1,4-Dichlorobenzene
Concen: 18.014 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



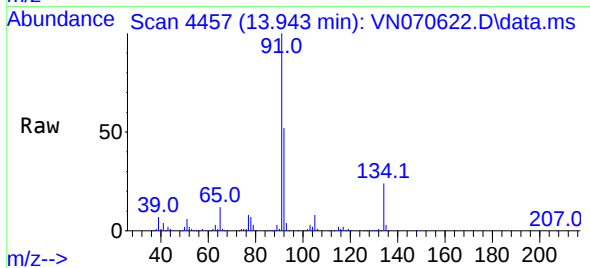
Tgt Ion:146 Resp: 336452
Ion Ratio Lower Upper
146 100
111 41.9 18.3 54.8
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 17.858 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

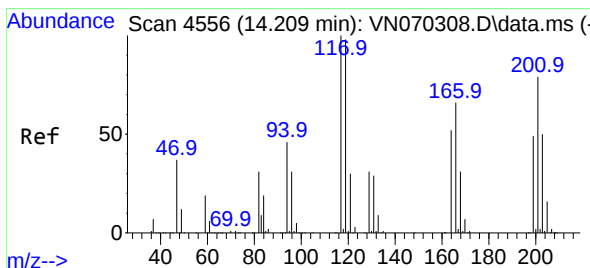
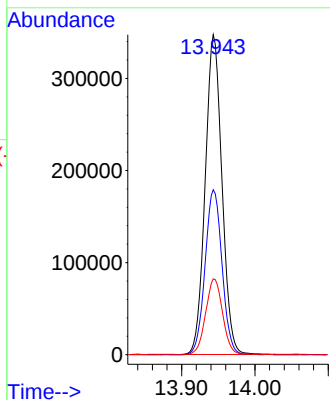
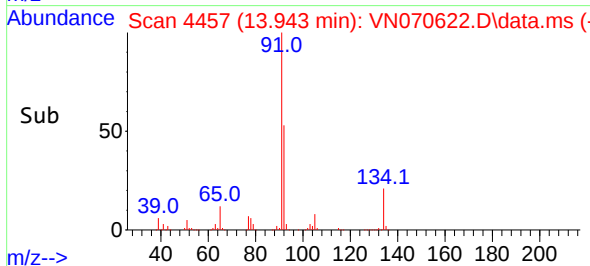
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



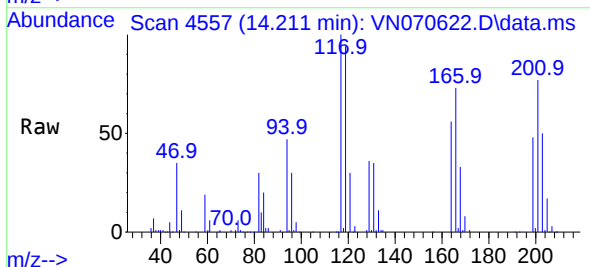
Tgt Ion: 91 Resp: 552240
Ion Ratio Lower Upper
91 100
92 52.2 25.4 76.0
134 24.0 13.6 40.8

Manual Integrations
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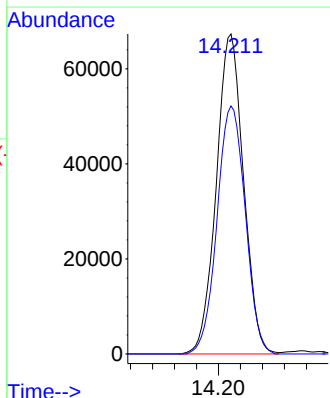
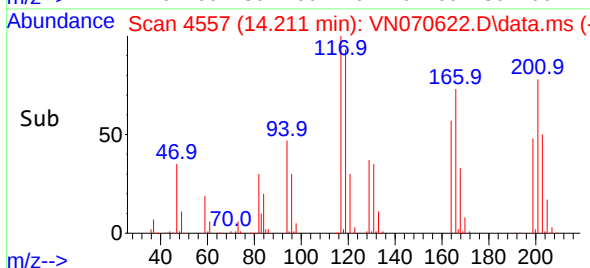
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

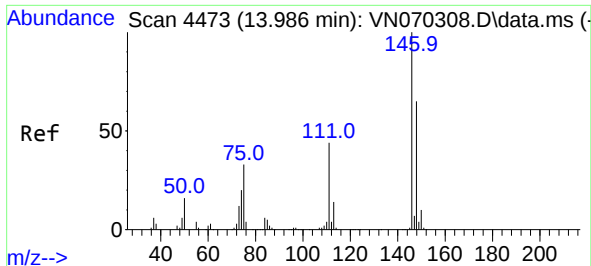


#90
Hexachloroethane
Concen: 17.979 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



Tgt Ion:117 Resp: 115800
Ion Ratio Lower Upper
117 100
201 80.4 43.9 131.6





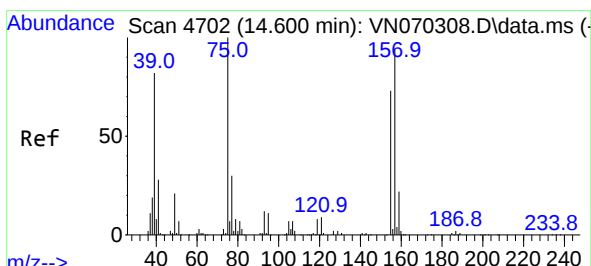
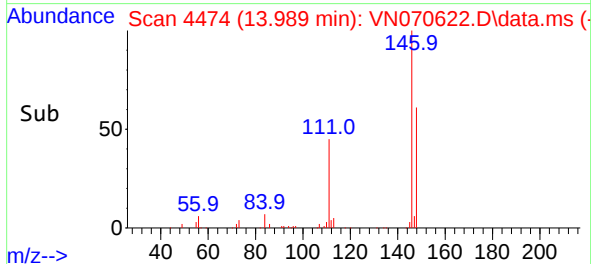
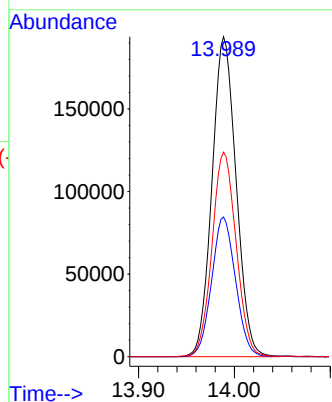
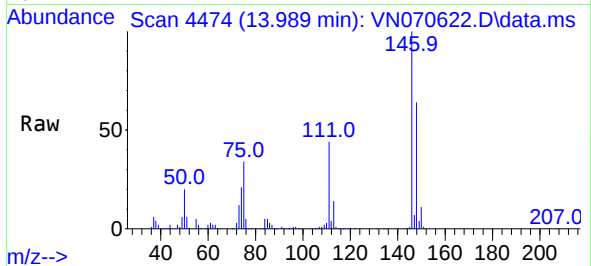
#91
1,2-Dichlorobenzene
Concen: 18.225 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01

Tgt Ion:146 Resp: 33829
Ion Ratio Lower Upper
146 100
111 43.3 19.1 57.3
148 64.1 32.1 96.3

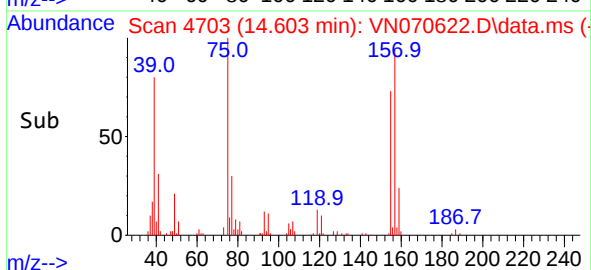
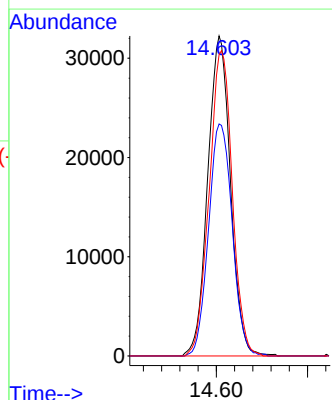
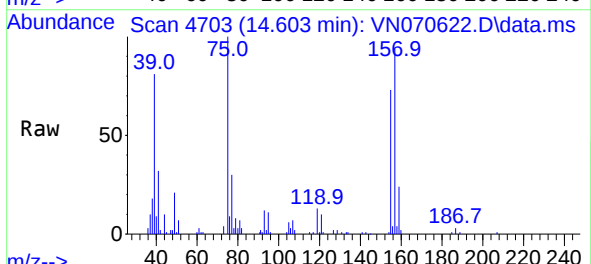
Manual Integrations
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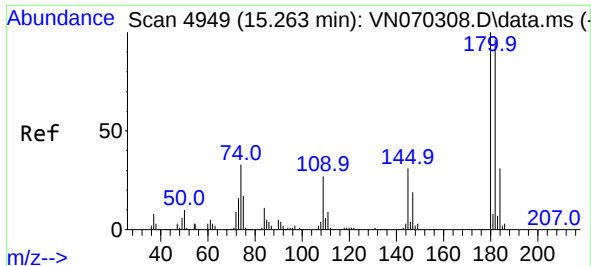
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.562 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

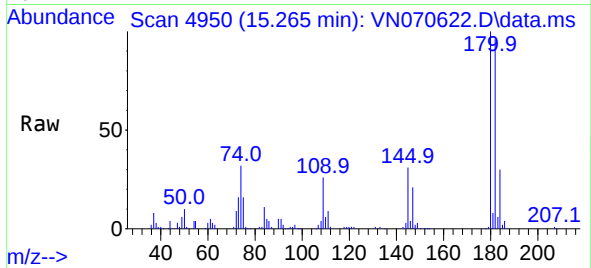
Tgt Ion: 75 Resp: 55829
Ion Ratio Lower Upper
75 100
155 75.5 46.9 140.7
157 97.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.160 ug/l
RT: 15.265 min Scan# 4949
Delta R.T. 0.002 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

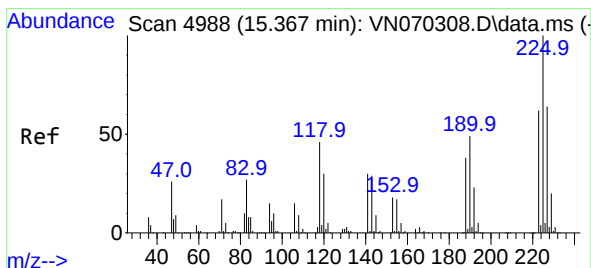
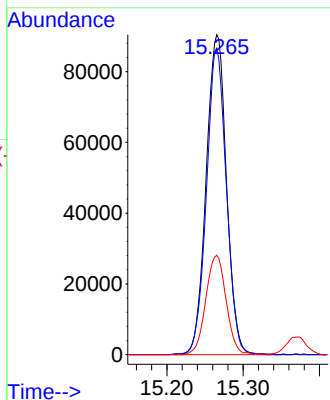
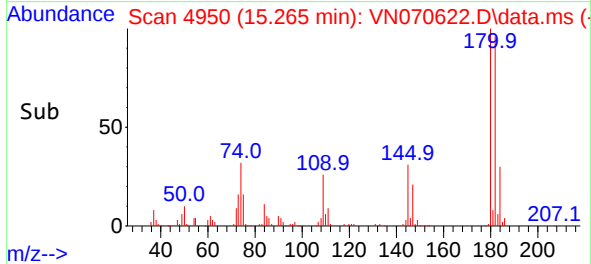
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



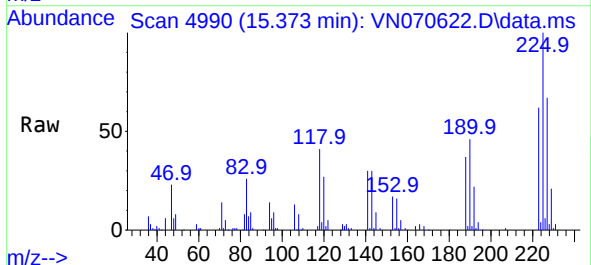
Tgt Ion:180 Resp: 16757
Ion Ratio Lower Upper
180 100
182 93.8 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
APPROVED

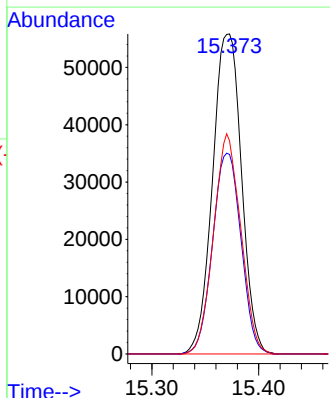
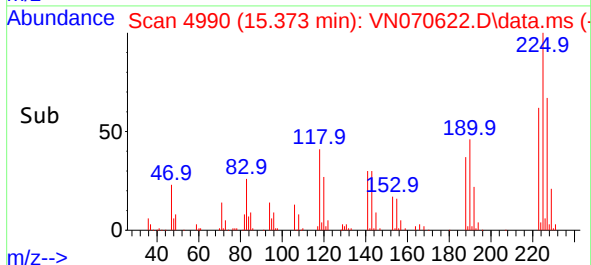
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

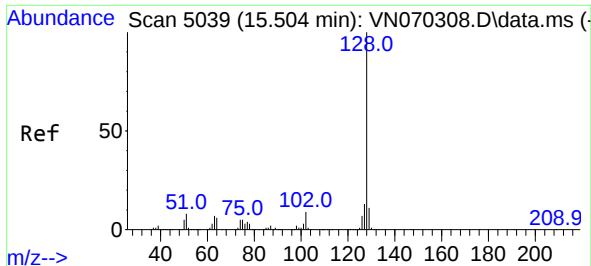


#94
Hexachlorobutadiene
Concen: 20.706 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.006 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



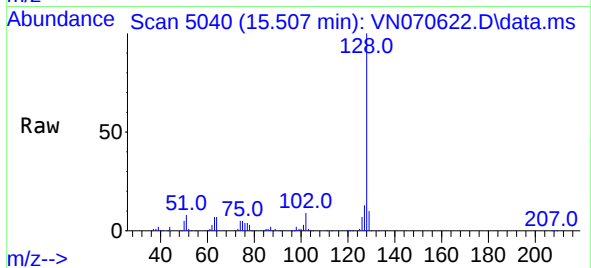
Tgt Ion:225 Resp: 105252
Ion Ratio Lower Upper
225 100
223 61.5 31.9 95.7
227 64.7 32.1 96.3





#95
Naphthalene
Concen: 20.317 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47

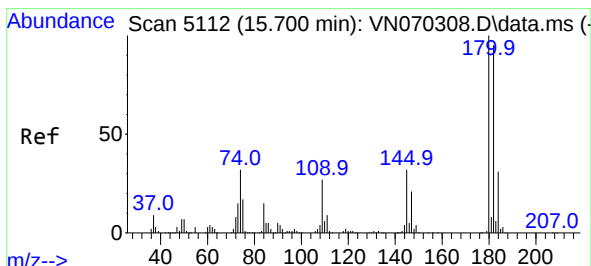
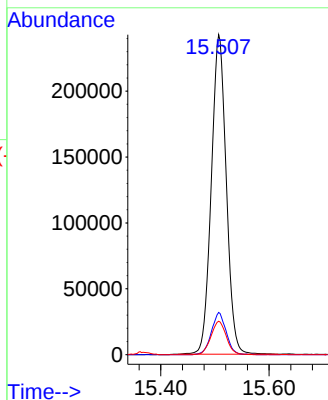
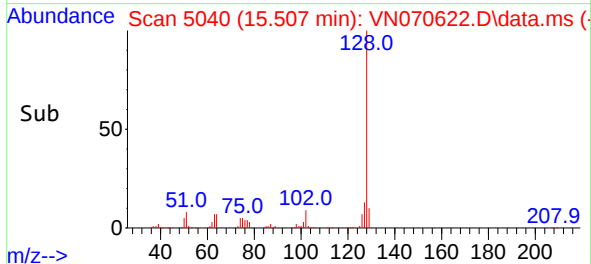
Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01



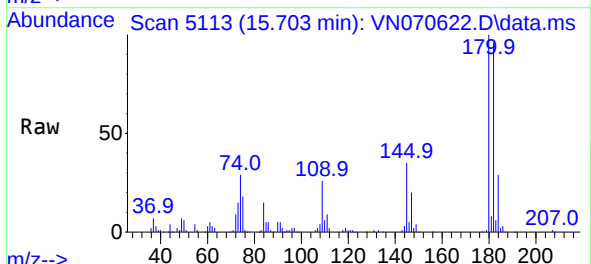
Tgt Ion:128 Resp: 464359
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.412 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.003 min
Lab File: VN070622.D
Acq: 14 Jan 2022 14:47



Tgt Ion:180 Resp: 166601
Ion Ratio Lower Upper
180 100
182 93.8 47.4 142.2
145 33.1 15.0 45.1

