

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070086.D
 Acq On : 14 Dec 2021 21:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 15 05:24:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1038166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1766141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1665376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	741063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	737344	46.000	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.000%		
35) Dibromofluoromethane	8.021	113	498788	45.087	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.180%		
50) Toluene-d8	10.440	98	1967535	44.293	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.580%		
62) 4-Bromofluorobenzene	12.731	95	752843	46.782	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	529037	43.691	ug/l	98
3) Chloromethane	2.301	50	678321	44.715	ug/l	99
4) Vinyl Chloride	2.446	62	628204	45.037	ug/l	98
5) Bromomethane	2.832	94	333287	43.980	ug/l	99
6) Chloroethane	3.006	64	374585	43.823	ug/l	97
7) Trichlorofluoromethane	3.368	101	789495	43.125	ug/l	99
8) Diethyl Ether	3.821	74	346841	49.191	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.202	101	493637	48.103	ug/l	96
10) Methyl Iodide	4.414	142	672513	47.970	ug/l	99
11) Tert butyl alcohol	5.382	59	690993	228.056	ug/l	99
12) 1,1-Dichloroethene	4.175	96	465461	47.069	ug/l	89
13) Acrolein	4.036	56	574379	222.606	ug/l	97
14) Allyl chloride	4.835	41	1086629	48.764	ug/l #	90
15) Acrylonitrile	5.554	53	2016134	246.937	ug/l	99
16) Acetone	4.285	43	1902847	197.343	ug/l	98
17) Carbon Disulfide	4.524	76	1026011	40.160	ug/l	98
18) Methyl Acetate	4.854	43	1427635	49.051	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	1927746	50.135	ug/l	95
20) Methylene Chloride	5.093	84	597932	46.646	ug/l #	86
21) trans-1,2-Dichloroethene	5.594	96	503696	46.895	ug/l #	84
22) Diisopropyl ether	6.498	45	2301239	52.836	ug/l #	93
23) Vinyl Acetate	6.434	43	9194780	259.491	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1138039	50.441	ug/l	98
25) 2-Butanone	7.337	43	3000884	229.055	ug/l	91
26) 2,2-Dichloropropane	7.324	77	748256	42.655	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	624088	48.092	ug/l	86
28) Bromochloromethane	7.657	49	527000	44.919	ug/l #	76
29) Tetrahydrofuran	7.683	42	1956137	245.890	ug/l	87
30) Chloroform	7.818	83	1120087	49.157	ug/l	99
31) Cyclohexane	8.094	56	1035054	46.400	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	922319	47.520	ug/l	96
36) 1,1-Dichloropropene	8.220	75	794789	47.272	ug/l	96
37) Ethyl Acetate	7.413	43	1149848	45.949	ug/l	96
38) Carbon Tetrachloride	8.206	117	721150	43.740	ug/l	99
39) Methylcyclohexane	9.459	83	934023	46.704	ug/l	89
40) Benzene	8.459	78	2449533	47.664	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	592607	50.447	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	989313	47.688	ug/l	96
43) Isopropyl Acetate	8.560	43	1818848	49.116	ug/l #	93
44) Trichloroethene	9.215	130	561438	45.772	ug/l	89
45) 1,2-Dichloropropane	9.488	63	681975	49.417	ug/l	99
46) Dibromomethane	9.577	93	422509	46.682	ug/l	93
47) Bromodichloromethane	9.762	83	840067	49.023	ug/l	100
48) Methyl methacrylate	9.561	41	845650	48.933	ug/l	87
49) 1,4-Dioxane	9.569	88	284949	918.928	ug/l #	81
51) 4-Methyl-2-Pentanone	10.331	43	6087774	253.409	ug/l	95
52) Toluene	10.505	92	1514438	48.269	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	885200	43.337	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	974764	45.255	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	615379	48.611	ug/l	99
56) Ethyl methacrylate	10.760	69	1073461	45.172	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	1089707	48.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1386574	217.539	ug/l	90
59) 2-Hexanone	11.084	43	4399632	242.097	ug/l	93
60) Dibromochloromethane	11.237	129	580771	43.159	ug/l	100
61) 1,2-Dibromoethane	11.344	107	624164	47.603	ug/l	99
64) Tetrachloroethene	10.977	164	481729	42.660	ug/l	95
65) Chlorobenzene	11.768	112	1584685	46.904	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	556747	46.819	ug/l	99
67) Ethyl Benzene	11.843	91	3015054	49.129	ug/l	97
68) m/p-Xylenes	11.953	106	2193623	98.168	ug/l	92
69) o-Xylene	12.280	106	1101308	48.930	ug/l	90
70) Styrene	12.294	104	1815191	50.859	ug/l	96
71) Bromoform	12.457	173	413265	41.144	ug/l #	98
73) Isopropylbenzene	12.578	105	2912880	44.179	ug/l	98
74) N-amyl acetate	12.388	43	1379449	47.309	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	1007477	44.188	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	913612m	42.990	ug/l	
77) Bromobenzene	12.860	156	665970	43.002	ug/l	76
78) n-propylbenzene	12.919	91	3340524	45.530	ug/l	96
79) 2-Chlorotoluene	13.007	91	2062629	44.491	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2386893	44.977	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	251505	39.648	ug/l	91
82) 4-Chlorotoluene	13.104	91	1986808	45.570	ug/l	92
83) tert-Butylbenzene	13.324	119	2081179	44.289	ug/l	92
84) 1,2,4-Trimethylbenzene	13.367	105	2324719	45.997	ug/l	97
85) sec-Butylbenzene	13.501	105	2924677	45.885	ug/l	97
86) p-Isopropyltoluene	13.616	119	2306825	46.301	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1146050	45.045	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1109050	44.356	ug/l	97
89) n-Butylbenzene	13.940	91	1900040	47.013	ug/l	97
90) Hexachloroethane	14.209	117	362623	41.456	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1105104	44.579	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	178400	43.301	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	517942	43.025	ug/l	98
94) Hexachlorobutadiene	15.370	225	296142	45.076	ug/l	99
95) Naphthalene	15.504	128	1482844	41.666	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	510868	43.449	ug/l	98

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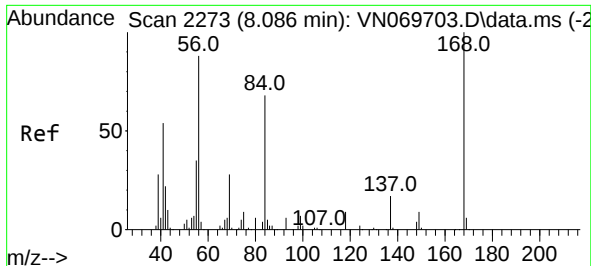
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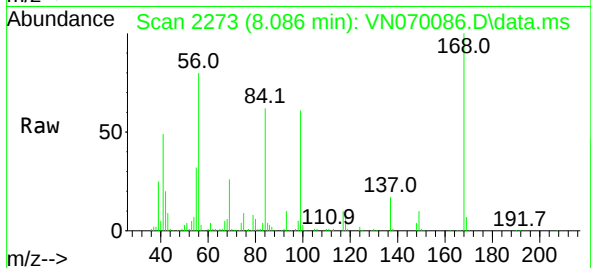
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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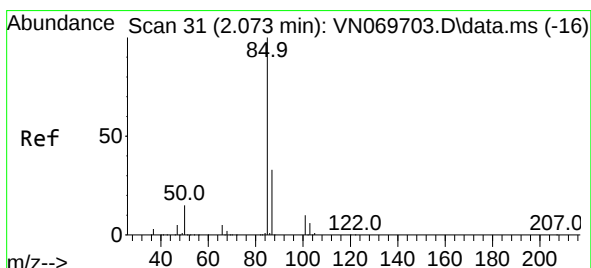
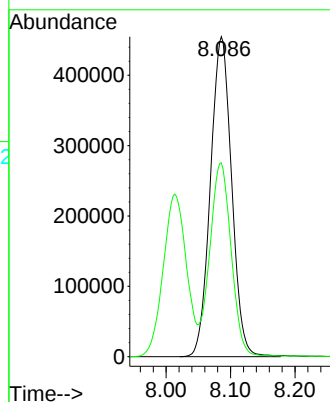
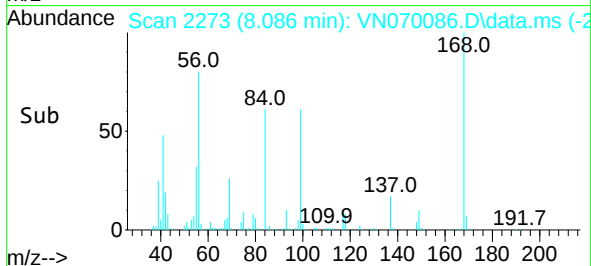
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Tgt Ion:168 Resp: 103816
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9

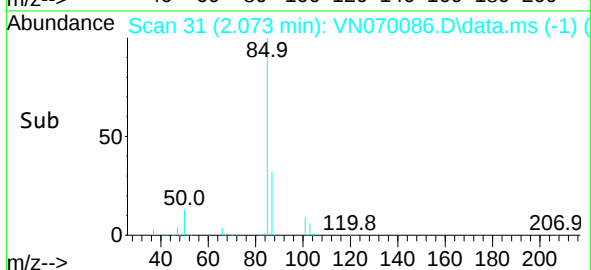
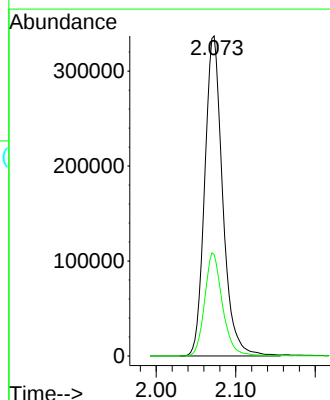
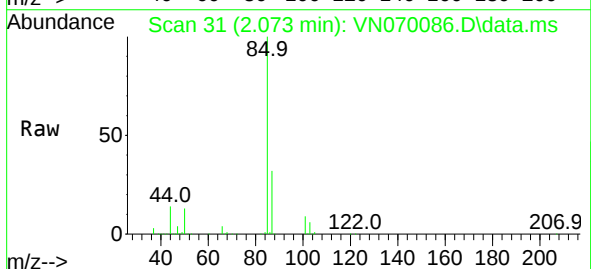
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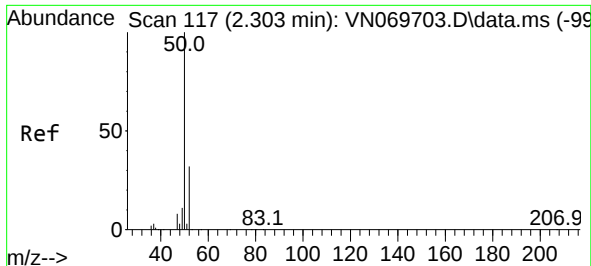
Reviewed By :John Carlone 12/15/2021
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#2
Dichlorodifluoromethane
Concen: 43.691 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

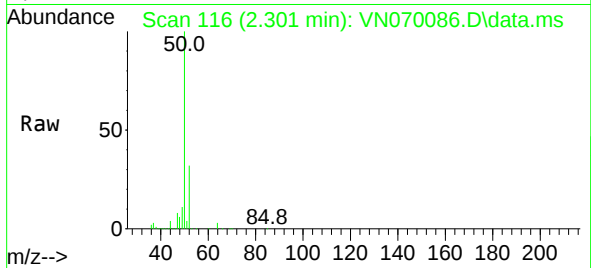
Tgt Ion: 85 Resp: 529037
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





#3
Chloromethane
Concen: 44.715 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

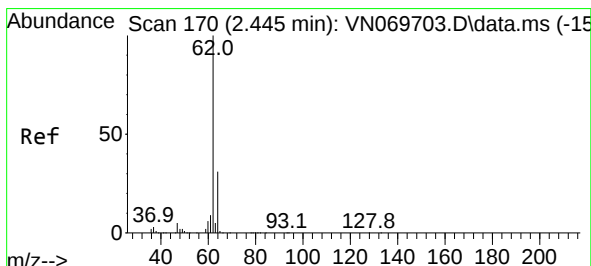
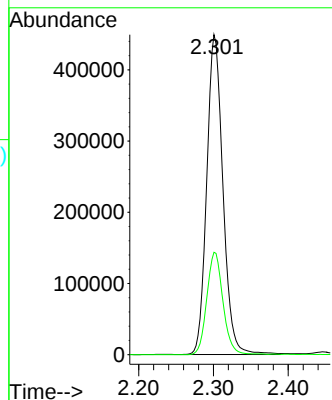
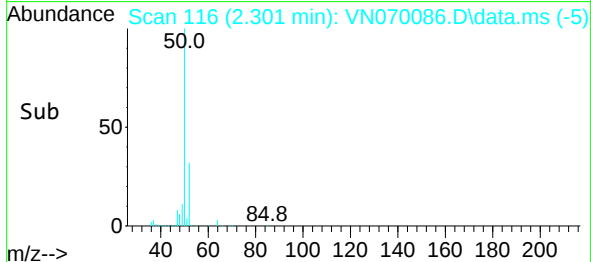
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Tgt Ion: 50 Resp: 67832
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0

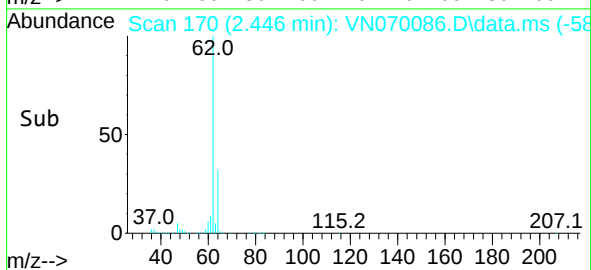
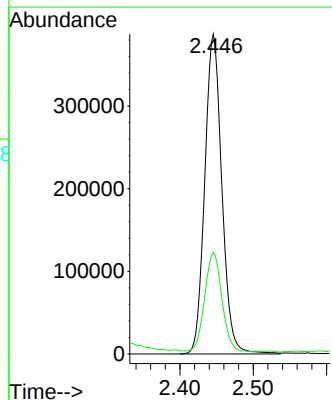
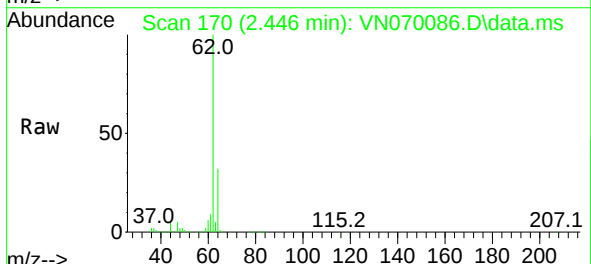
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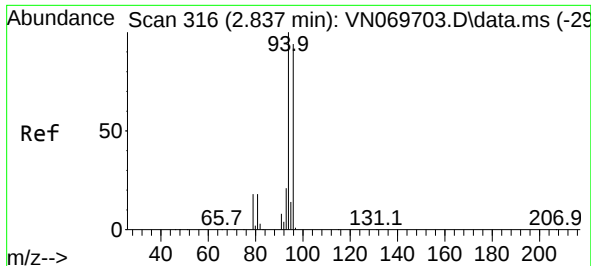
Reviewed By :John Carlone 12/15/2021
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#4
Vinyl Chloride
Concen: 45.037 ug/l
RT: 2.446 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

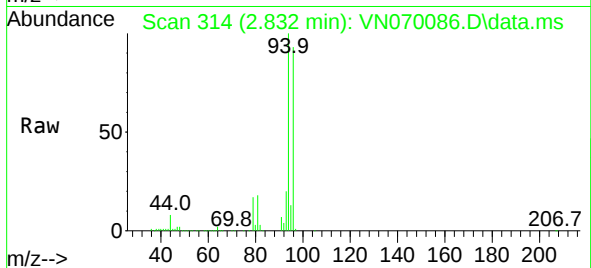
Tgt Ion: 62 Resp: 628204
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.6





#5
Bromomethane
Concen: 43.980 ug/l
RT: 2.832 min Scan# 316
Delta R.T. -0.005 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

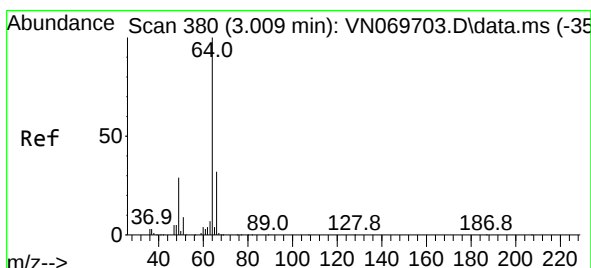
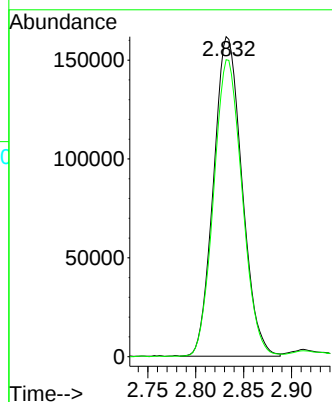
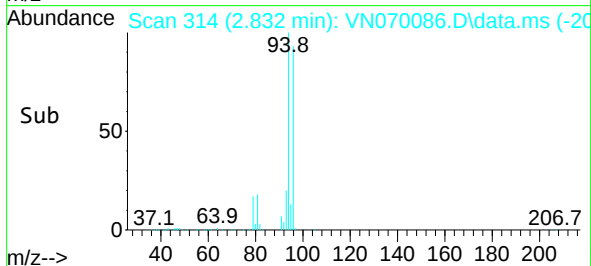
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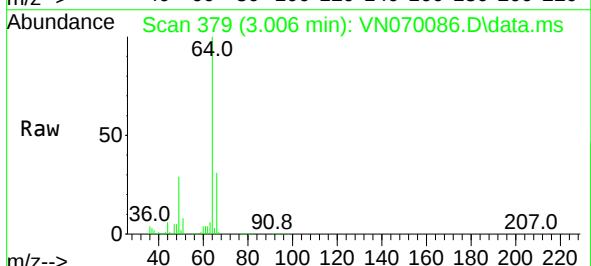
Tgt Ion: 94 Resp: 33328
Ion Ratio Lower Upper
94 100
96 92.8 73.8 110.8

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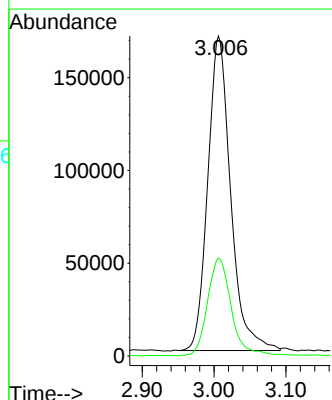
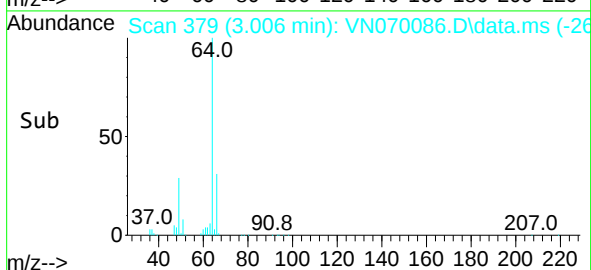
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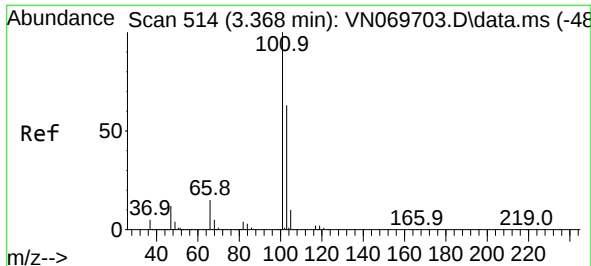


#6
Chloroethane
Concen: 43.823 ug/l
RT: 3.006 min Scan# 379
Delta R.T. -0.002 min
Lab File: VN070086.D
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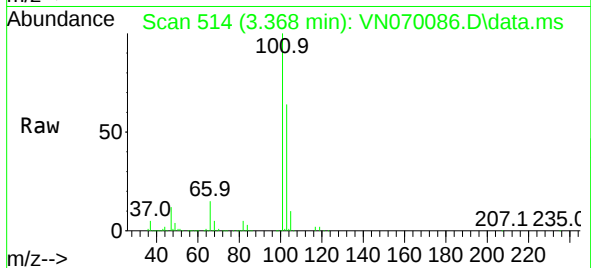
Tgt Ion: 64 Resp: 374585
Ion Ratio Lower Upper
64 100
66 31.0 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 43.125 ug/l
 RT: 3.368 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: VN070086.D
 Acq: 14 Dec 2021 21:48

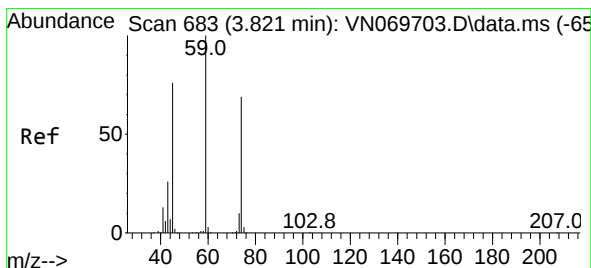
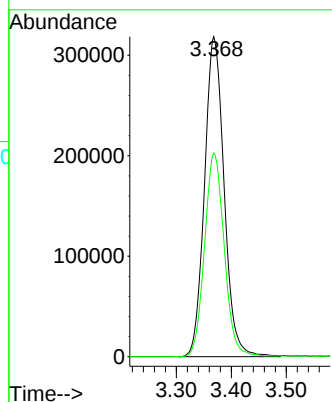
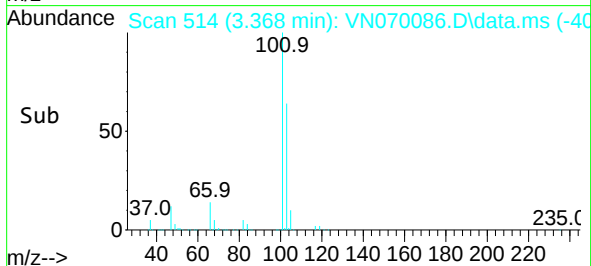
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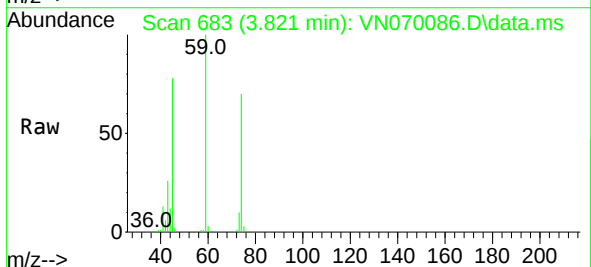
Tgt Ion: 101 Resp: 78949
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.1 75.1

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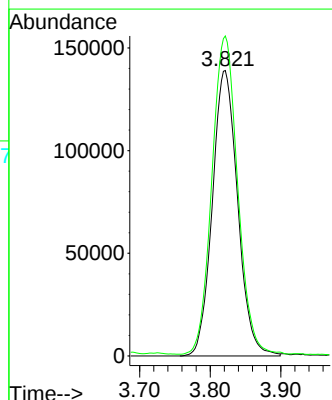
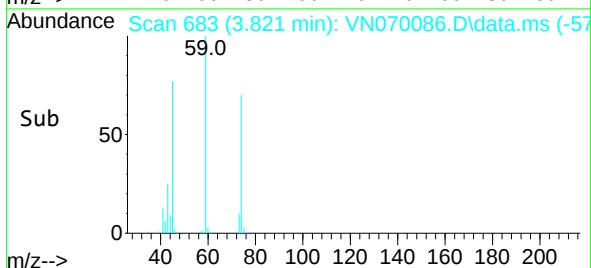
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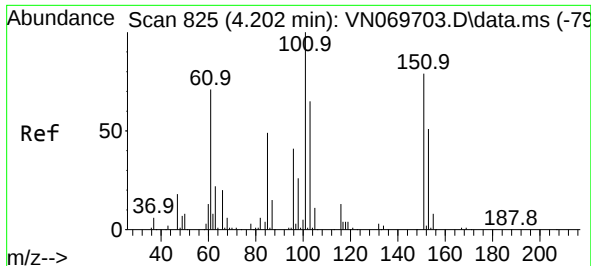


#8
 Diethyl Ether
 Concen: 49.191 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 346841
 Ion Ratio Lower Upper
 74 100
 45 113.1 47.0 141.2





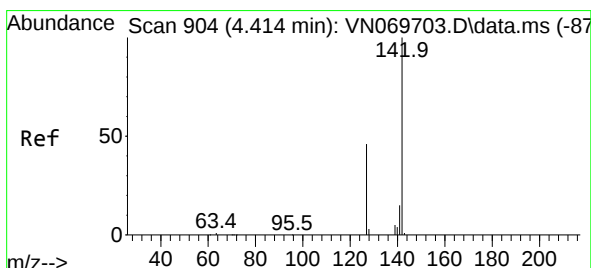
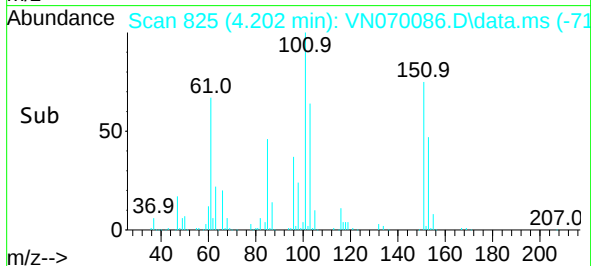
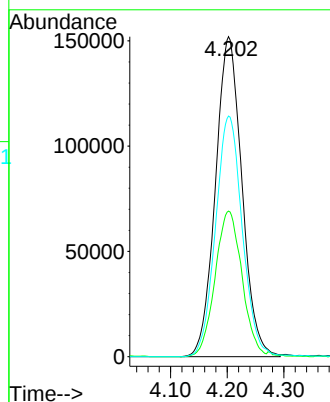
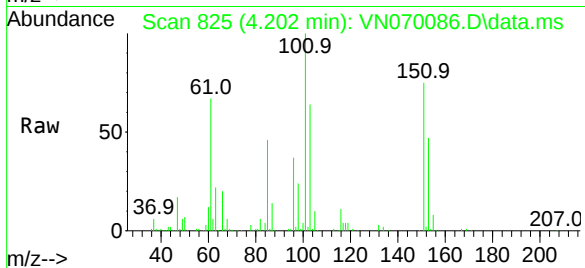
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.103 ug/l
RT: 4.202 min Scan# 825
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 49363
Ion Ratio Lower Upper
101 100
85 46.2 37.2 55.8
151 76.3 65.9 98.9

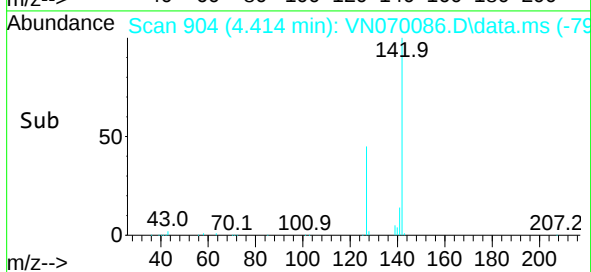
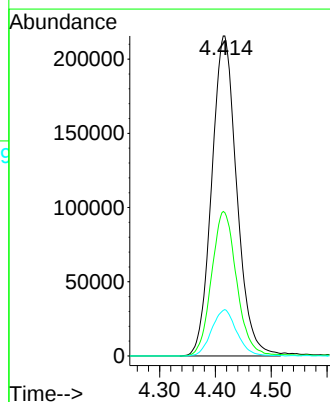
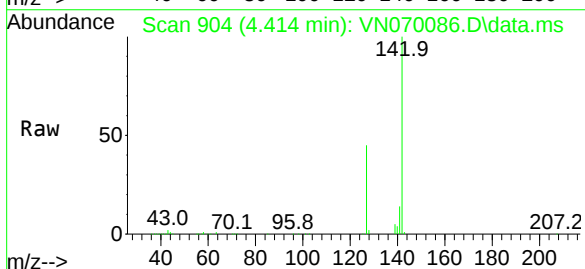
Manual Integrations
APPROVED

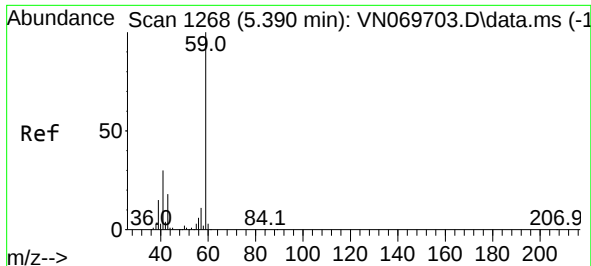
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#10
Methyl Iodide
Concen: 47.970 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

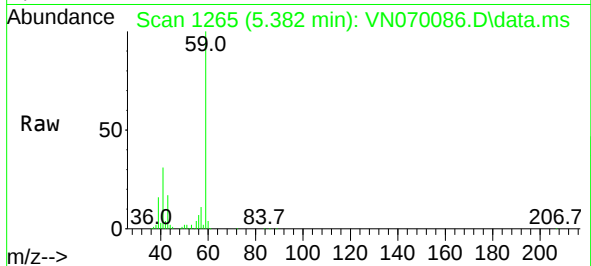
Tgt Ion:142 Resp: 672513
Ion Ratio Lower Upper
142 100
127 45.5 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 228.056 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

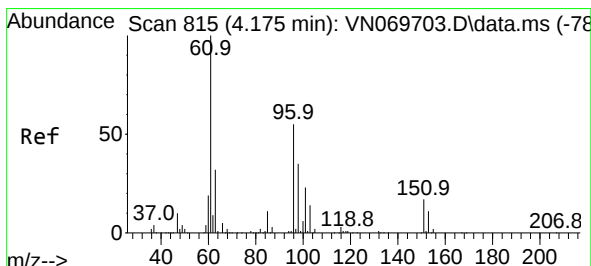
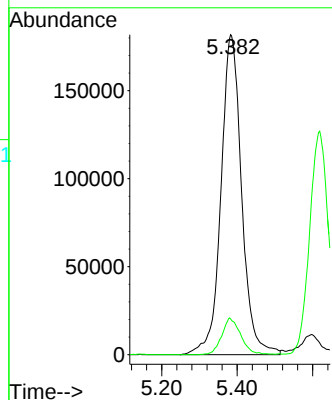
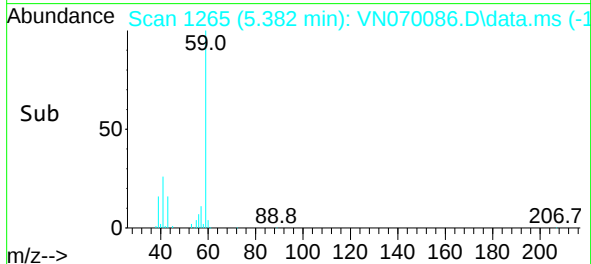
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 69099
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

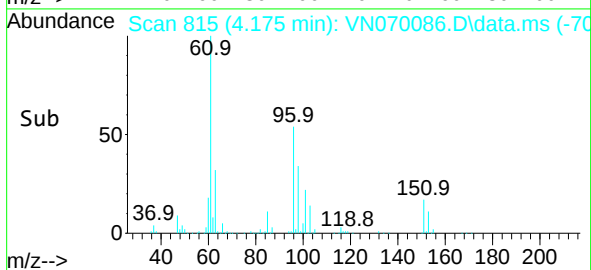
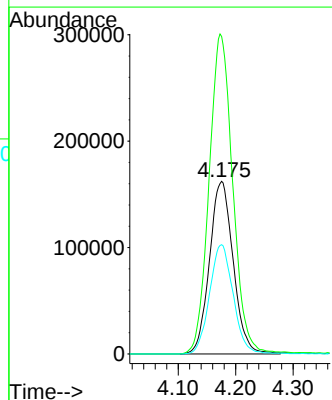
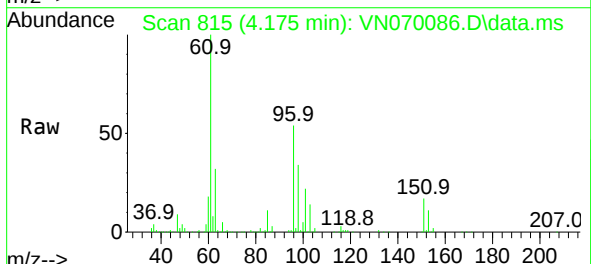
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#12
1,1-Dichloroethene
Concen: 47.069 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

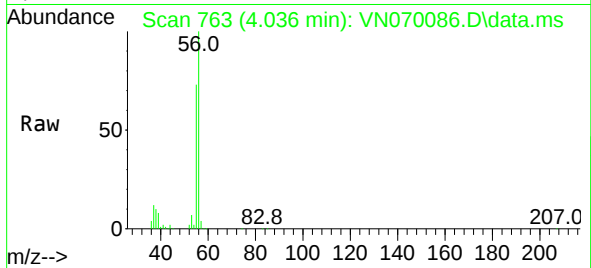
Tgt Ion: 96 Resp: 465461
Ion Ratio Lower Upper
96 100
61 183.8 131.0 196.6
98 63.3 52.4 78.6





#13
Acrolein
Concen: 222.606 ug/l
RT: 4.036 min Scan# 70
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

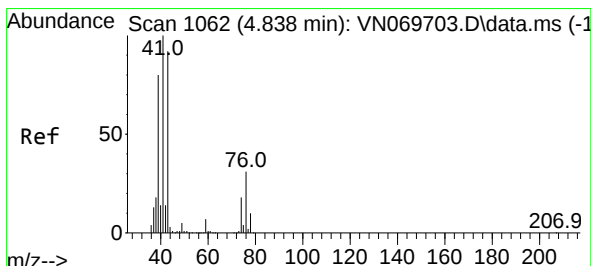
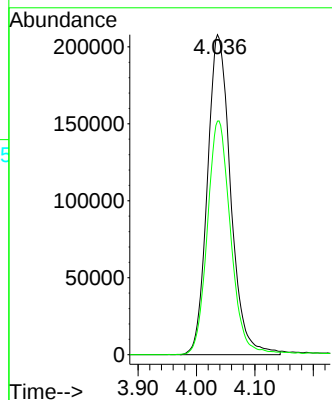
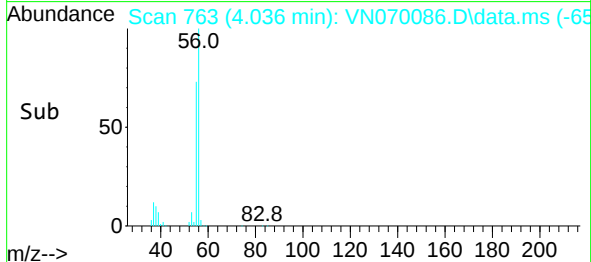
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



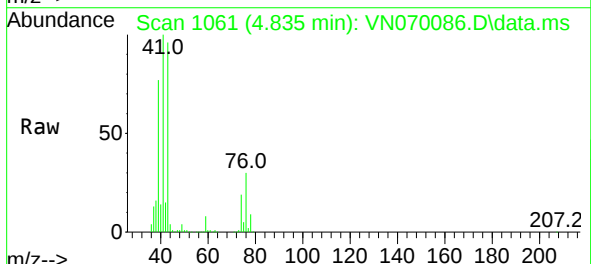
Tgt Ion: 56 Resp: 574379
Ion Ratio Lower Upper
56 100
55 73.4 56.6 85.0

Manual Integrations
APPROVED

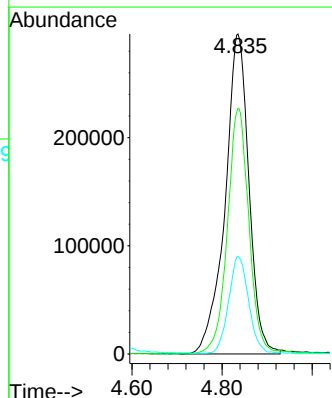
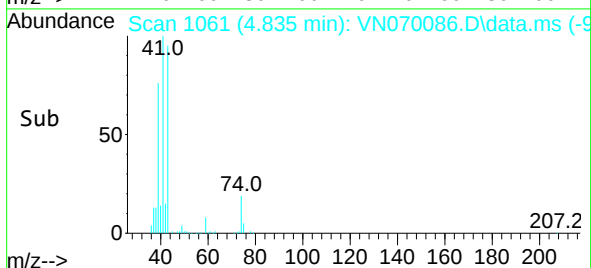
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

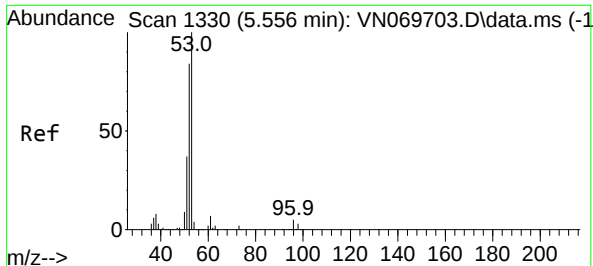


#14
Allyl chloride
Concen: 48.764 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48



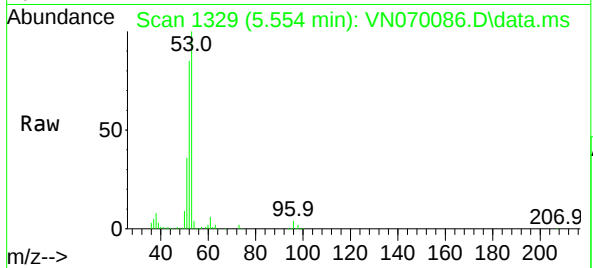
Tgt Ion: 41 Resp: 1086629
Ion Ratio Lower Upper
41 100
39 68.8 61.2 91.8
76 25.2 26.0 39.0





#15
Acrylonitrile
Concen: 246.937 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

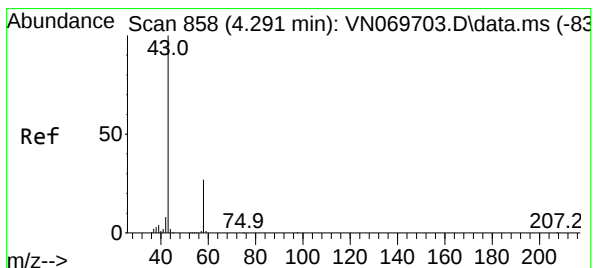
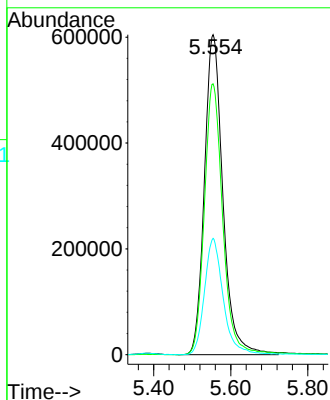
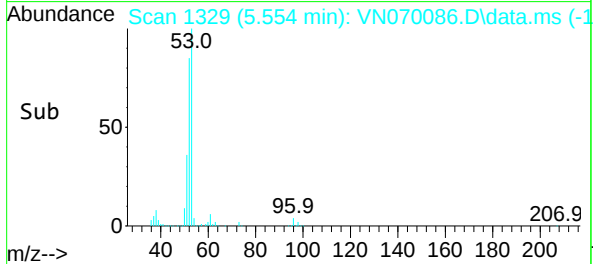
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 2016134
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.2
51 36.7 29.6 44.4

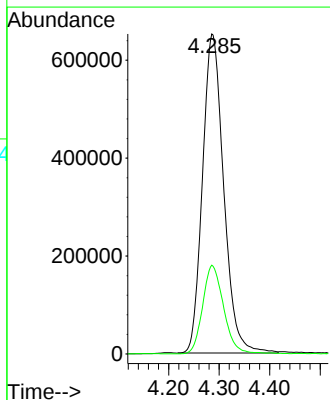
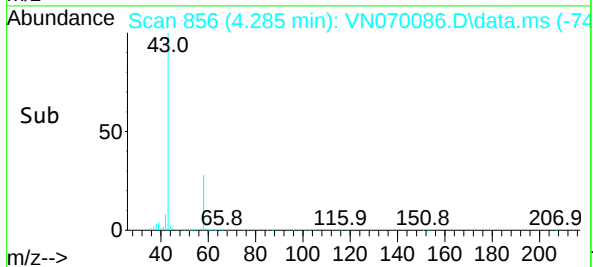
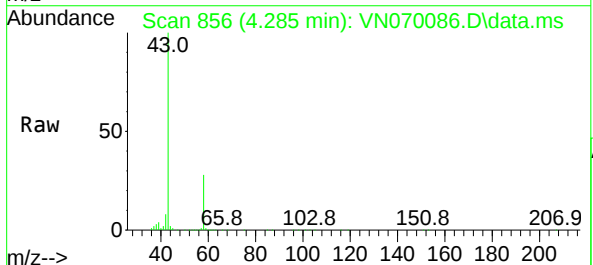
Manual Integrations
APPROVED

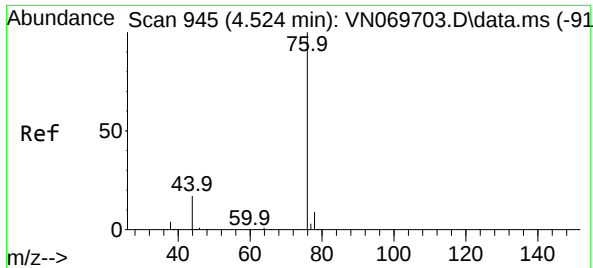
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#16
Acetone
Concen: 197.343 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

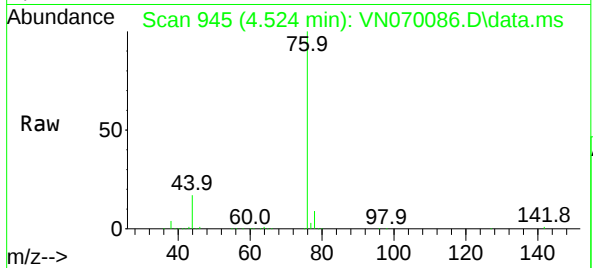
Tgt Ion: 43 Resp: 1902847
Ion Ratio Lower Upper
43 100
58 27.7 23.1 34.7





#17
Carbon Disulfide
Concen: 40.160 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

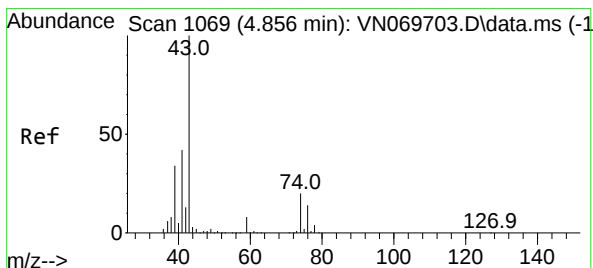
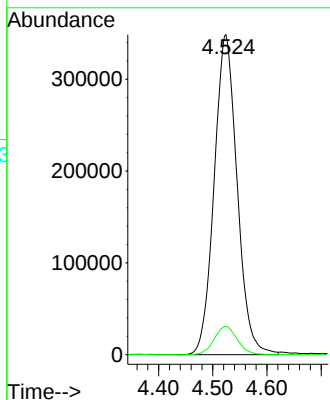
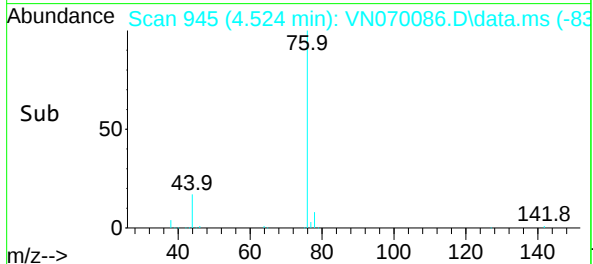
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



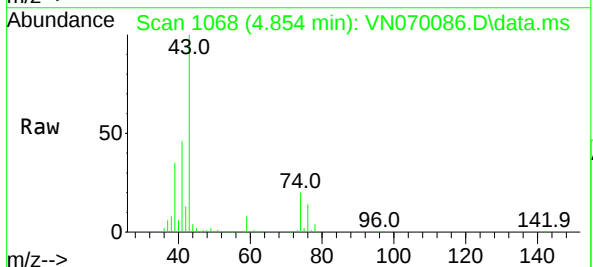
Tgt Ion: 76 Resp: 102601
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
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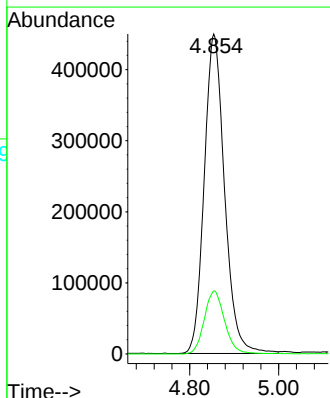
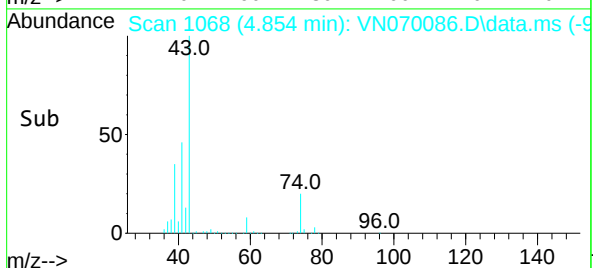
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

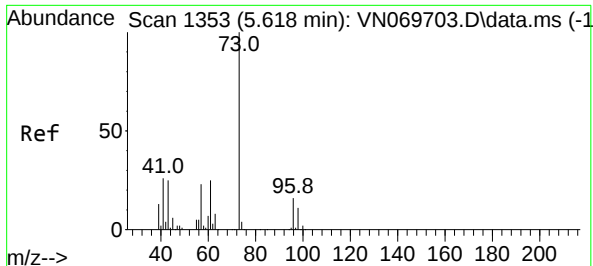


#18
Methyl Acetate
Concen: 49.051 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48



Tgt Ion: 43 Resp: 1427635
Ion Ratio Lower Upper
43 100
74 19.8 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 50.135 ug/l

RT: 5.616 min Scan# 1157

Delta R.T. -0.002 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 192774

Ion Ratio Lower Upper

73 100

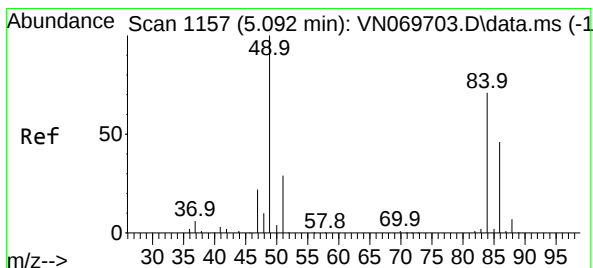
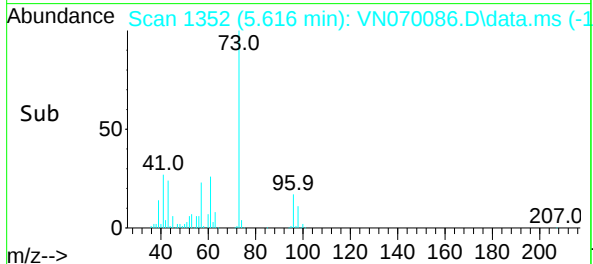
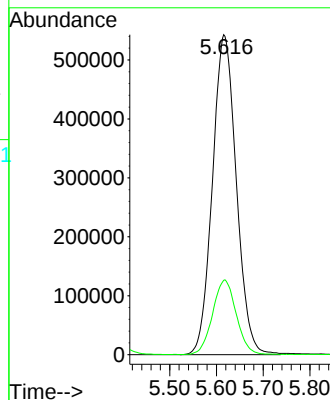
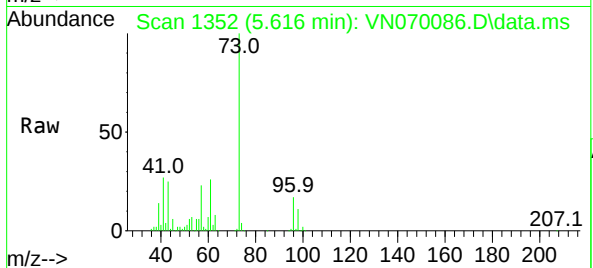
57 23.2 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#20

Methylene Chloride

Concen: 46.646 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

Tgt Ion: 84 Resp: 597932

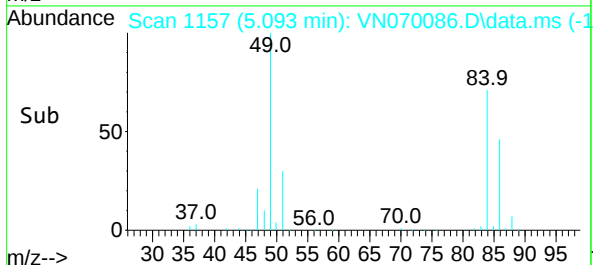
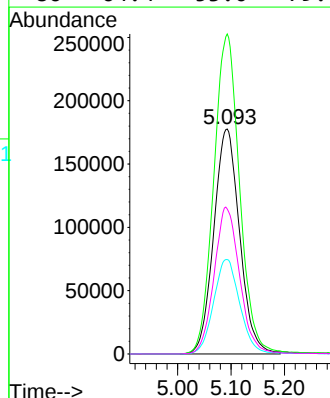
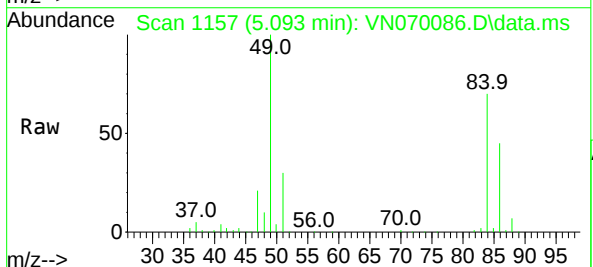
Ion Ratio Lower Upper

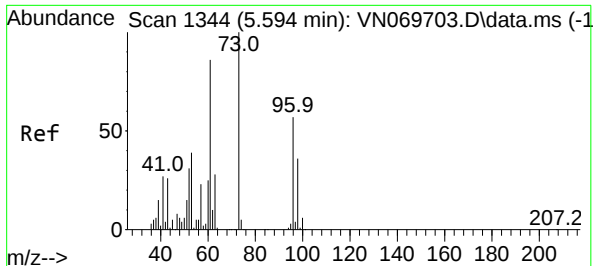
84 100

49 142.3 93.5 140.3#

51 42.0 29.4 44.2

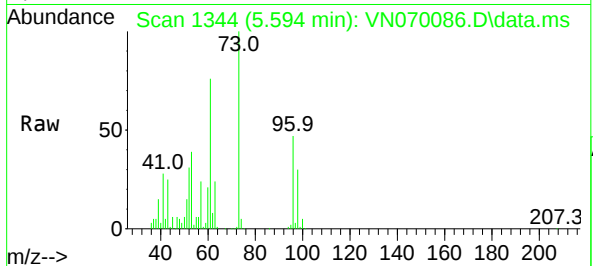
86 64.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 46.895 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

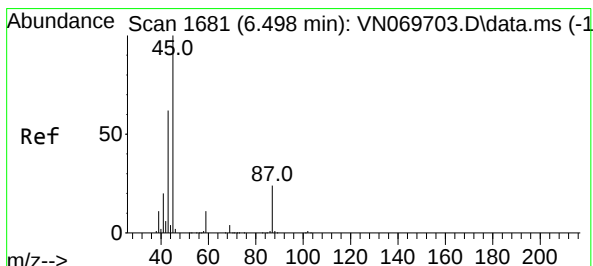
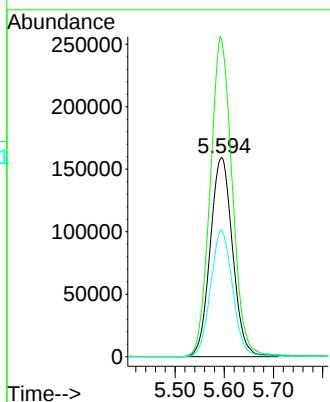
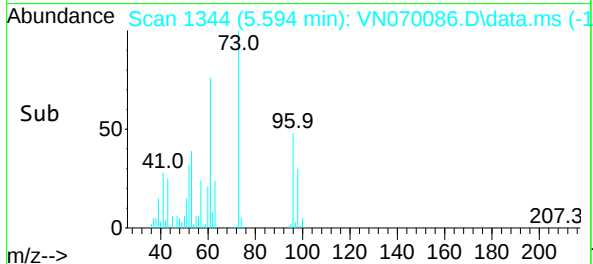
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 503690
Ion Ratio Lower Upper
96 100
61 159.7 105.8 158.6
98 63.8 52.0 78.0

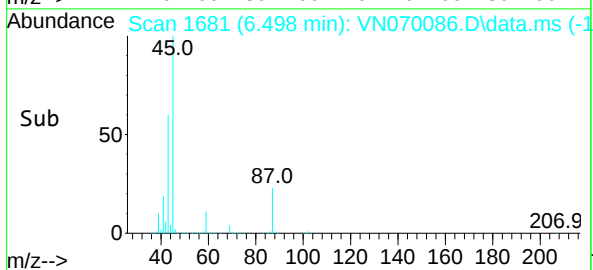
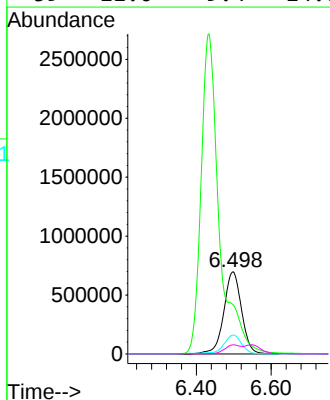
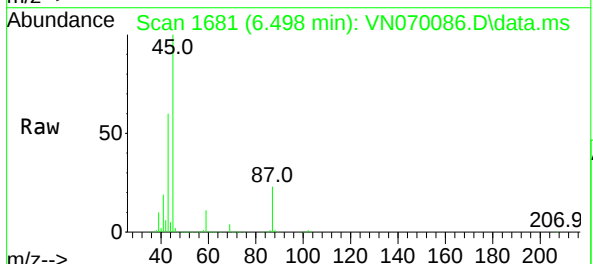
Manual Integrations
APPROVED

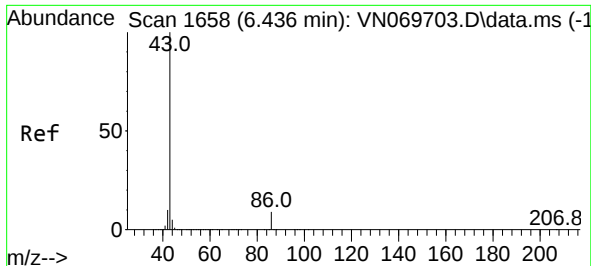
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#22
Diisopropyl ether
Concen: 52.836 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

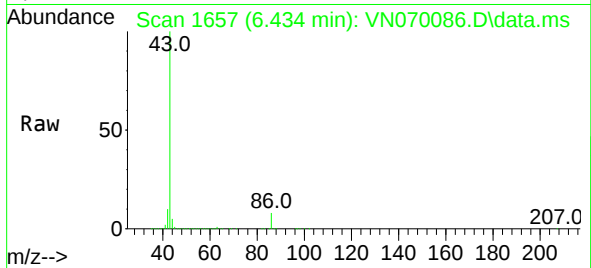
Tgt Ion: 45 Resp: 2301239
Ion Ratio Lower Upper
45 100
43 59.8 51.7 77.5
87 22.8 23.2 34.8#
59 11.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 259.491 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.002 min
 Lab File: VN070086.D
 Acq: 14 Dec 2021 21:48

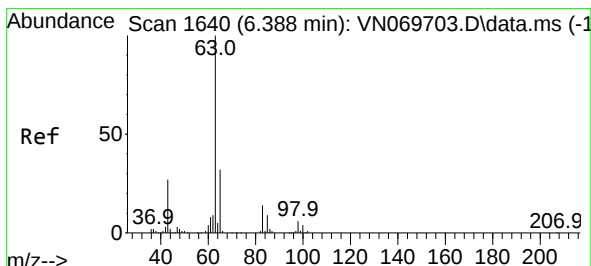
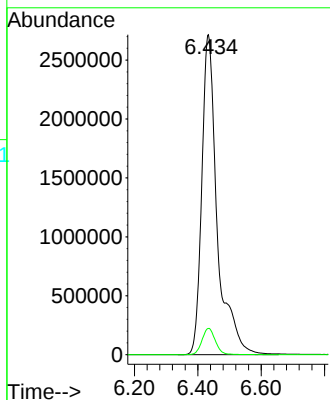
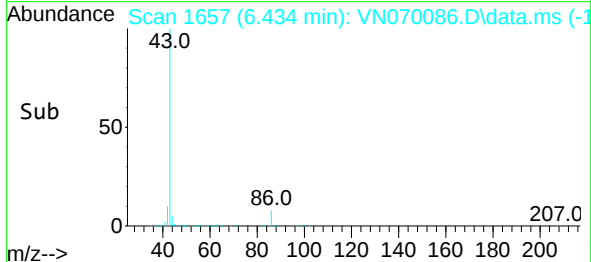
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



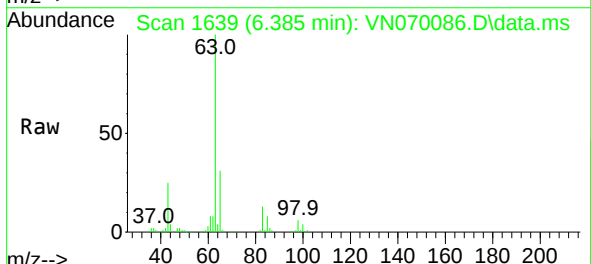
Tgt Ion: 43 Resp: 9194780
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

Manual Integrations
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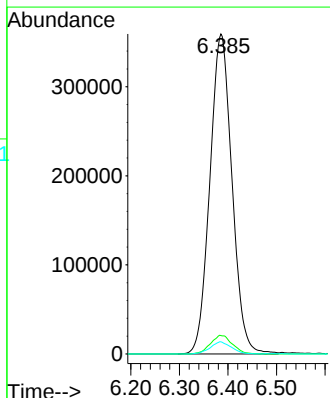
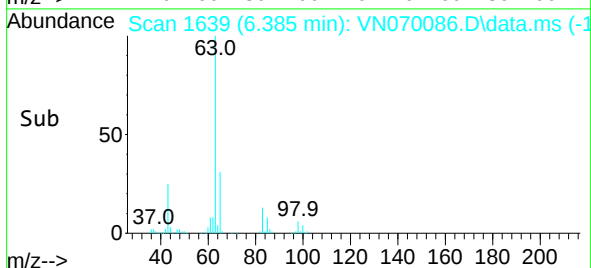
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#24
 1,1-Dichloroethane
 Concen: 50.441 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.002 min
 Lab File: VN070086.D
 Acq: 14 Dec 2021 21:48



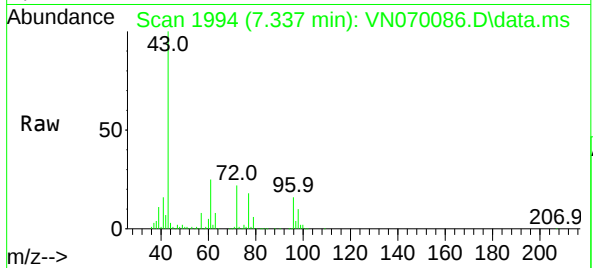
Tgt Ion: 63 Resp: 1138039
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.8 2.1 6.5





#25
2-Butanone
Concen: 229.055 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

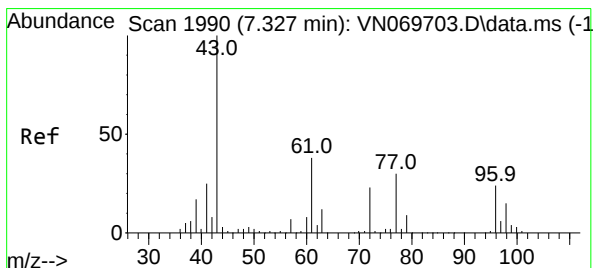
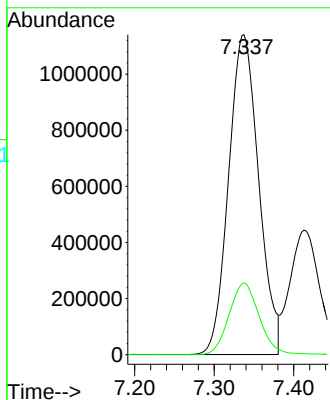
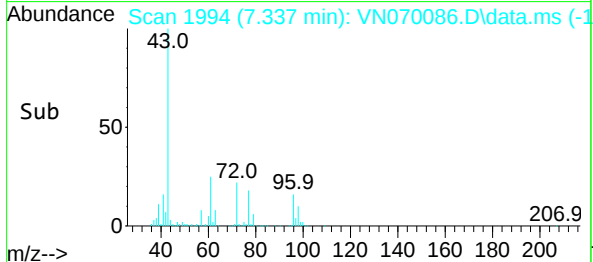
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



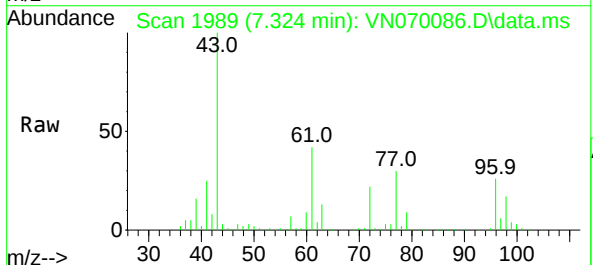
Tgt Ion: 43 Resp: 3000884
Ion Ratio Lower Upper
43 100
72 22.4 21.7 32.5

Manual Integrations
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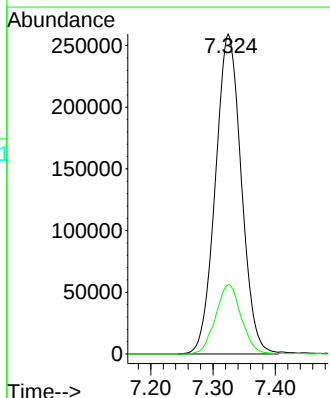
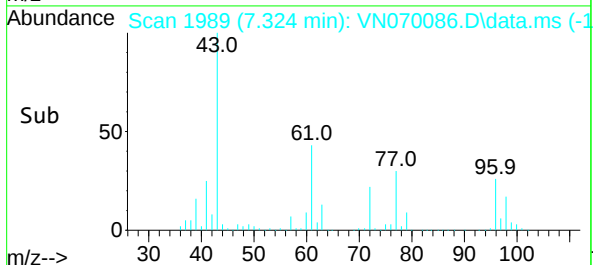
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#26
2,2-Dichloropropane
Concen: 42.655 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48



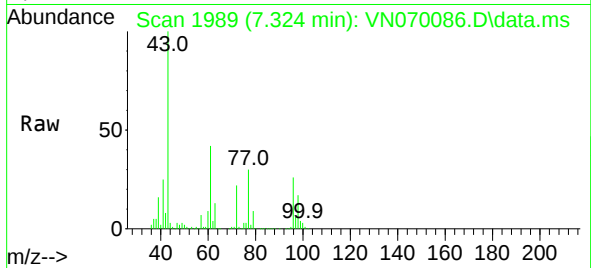
Tgt Ion: 77 Resp: 748256
Ion Ratio Lower Upper
77 100
97 21.5 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 48.092 ug/l
 RT: 7.324 min Scan# 1990
 Delta R.T. -0.002 min
 Lab File: VN070086.D
 Acq: 14 Dec 2021 21:48

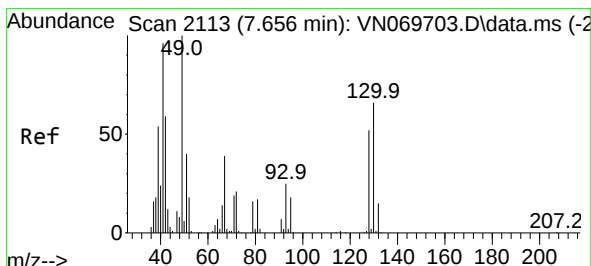
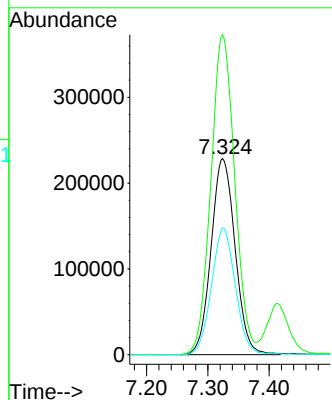
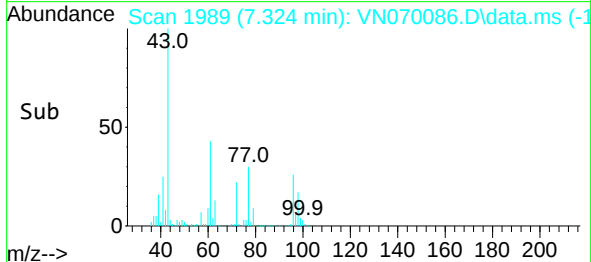
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 624088
 Ion Ratio Lower Upper
 96 100
 61 161.7 0.0 275.0
 98 64.2 0.0 129.6

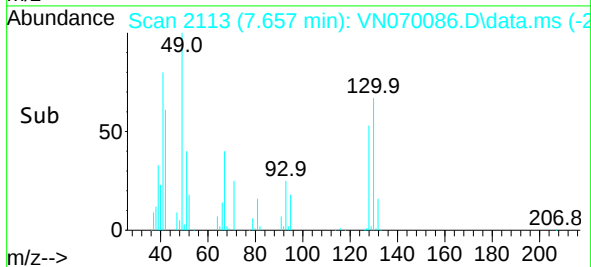
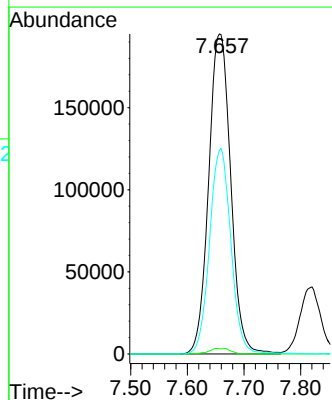
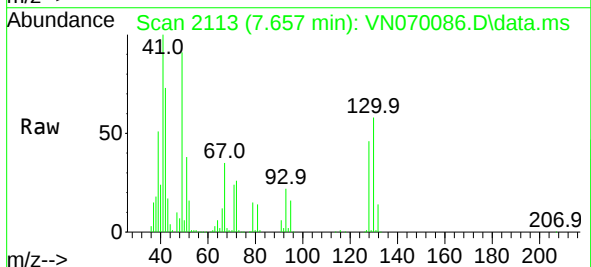
Manual Integrations
 APPROVED

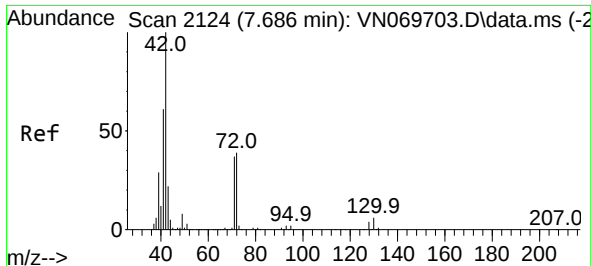
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#28
 Bromochloromethane
 Concen: 44.919 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN070086.D
 Acq: 14 Dec 2021 21:48

Tgt Ion: 49 Resp: 527000
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.0
 130 62.1 67.8 101.8#





#29

Tetrahydrofuran

Concen: 245.890 ug/l

RT: 7.683 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 195613

Ion Ratio Lower Upper

42 100

72 36.6 36.3 54.5

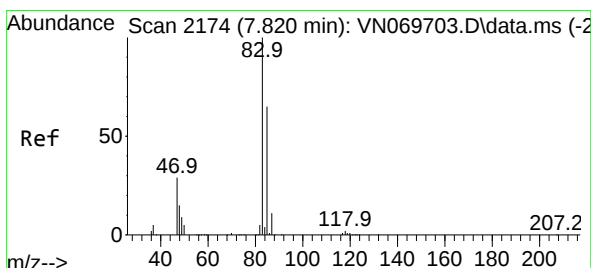
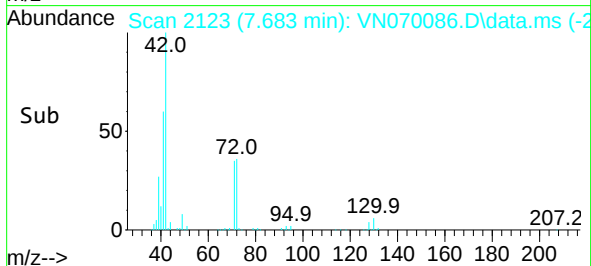
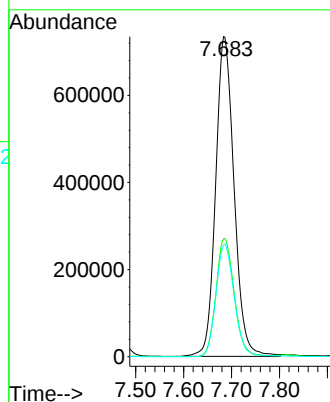
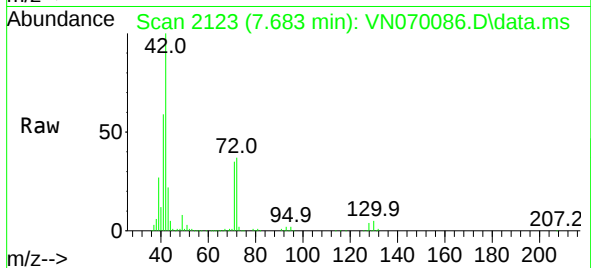
71 34.9 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#30

Chloroform

Concen: 49.157 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN070086.D

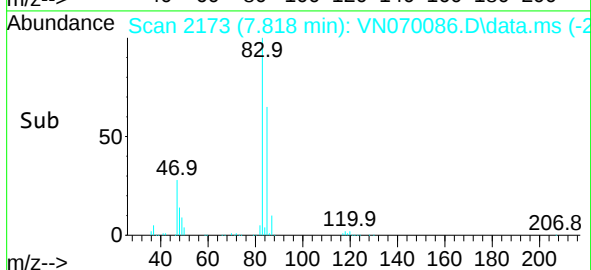
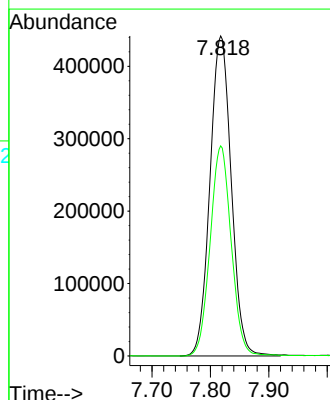
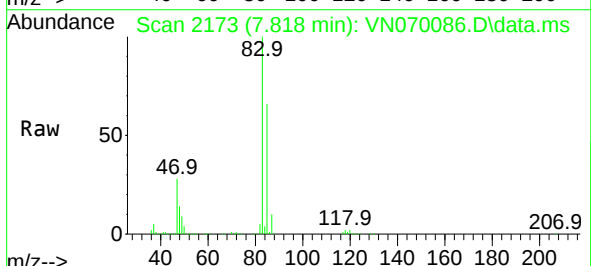
Acq: 14 Dec 2021 21:48

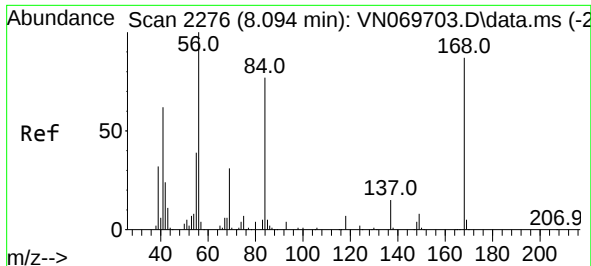
Tgt Ion: 83 Resp: 1120087

Ion Ratio Lower Upper

83 100

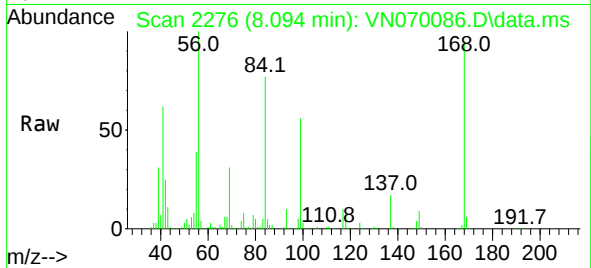
85 65.6 51.9 77.9





#31
Cyclohexane
Concen: 46.400 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

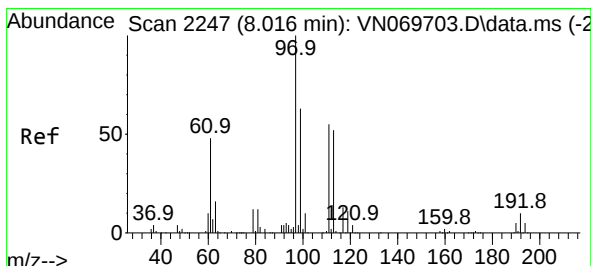
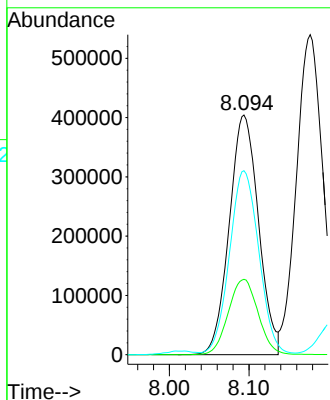
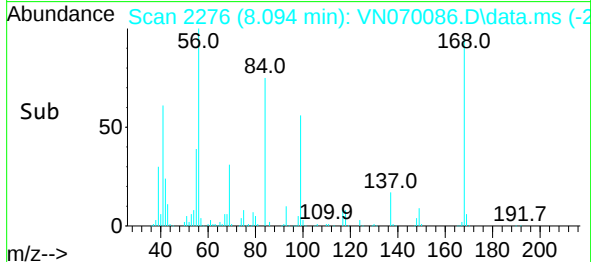
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



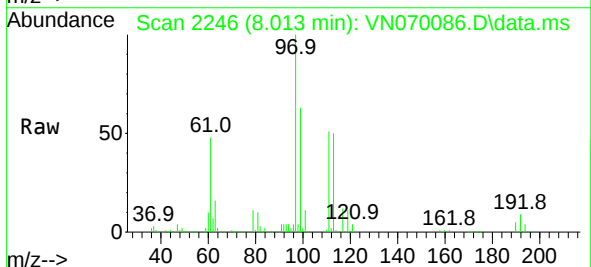
Tgt Ion: 56 Resp: 1035054
Ion Ratio Lower Upper
56 100
69 31.4 27.1 40.7
84 75.3 73.4 110.0

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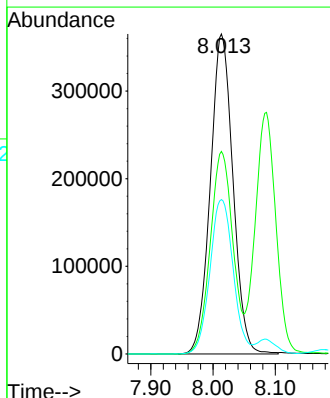
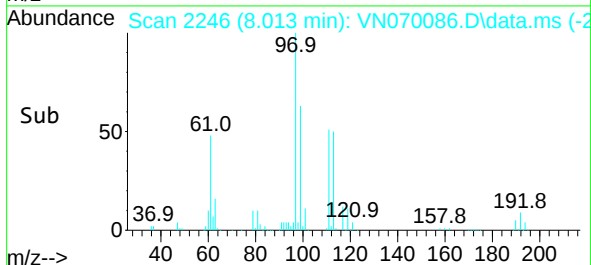
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

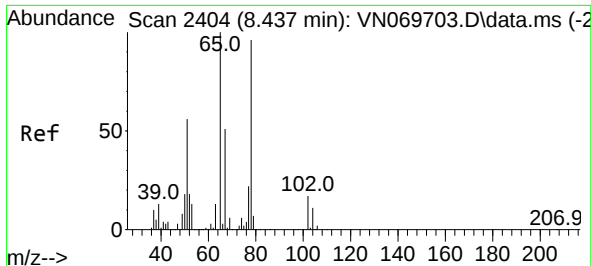


#32
1,1,1-Trichloroethane
Concen: 47.520 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48



Tgt Ion: 97 Resp: 922319
Ion Ratio Lower Upper
97 100
99 62.9 50.1 75.1
61 49.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.000 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 737344

Ion Ratio Lower Upper

65 100

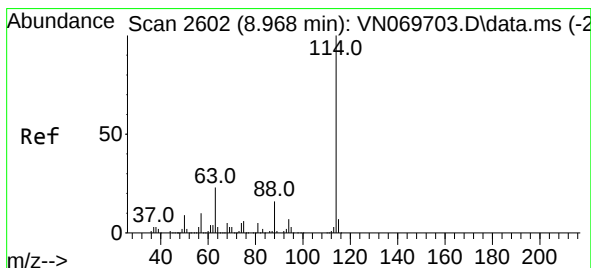
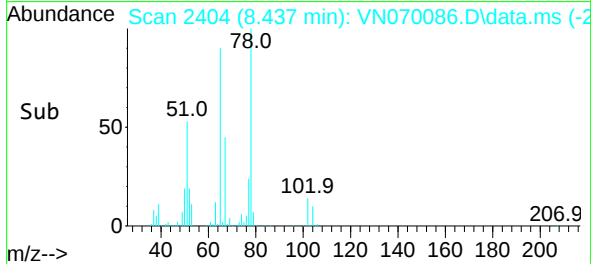
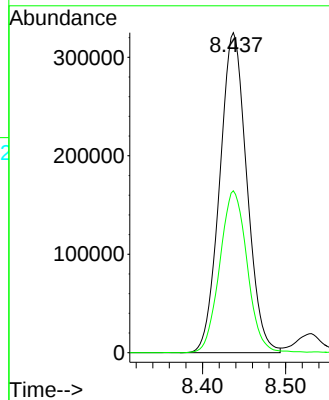
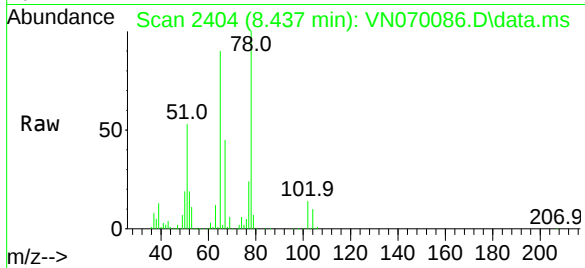
67 51.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

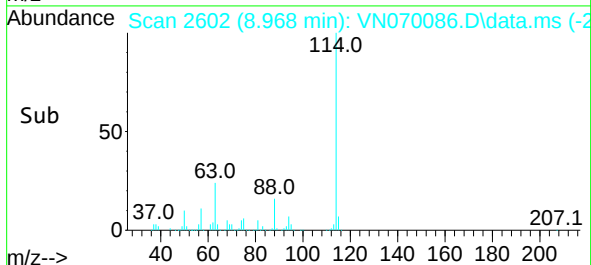
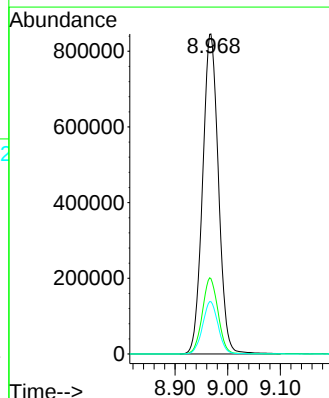
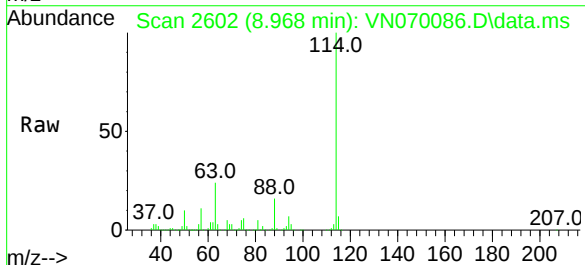
Tgt Ion:114 Resp: 1766141

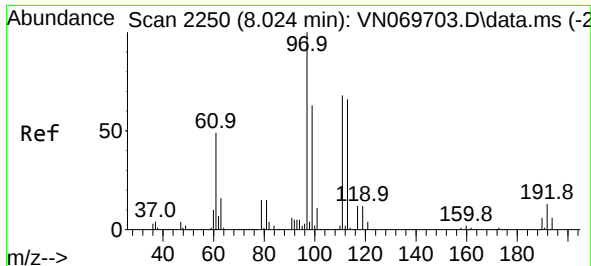
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

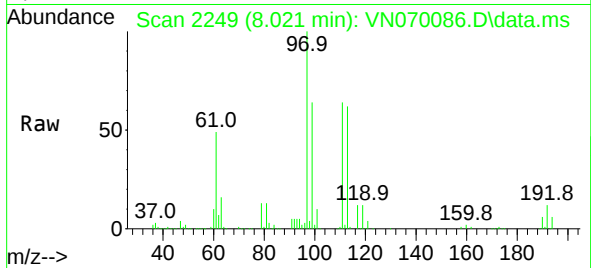
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 45.087 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

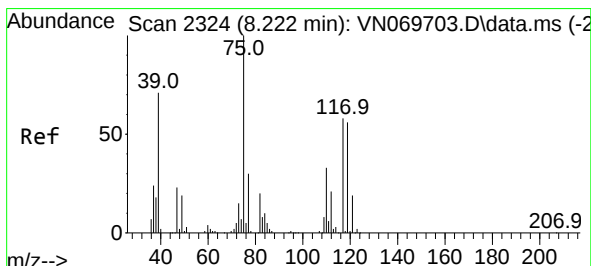
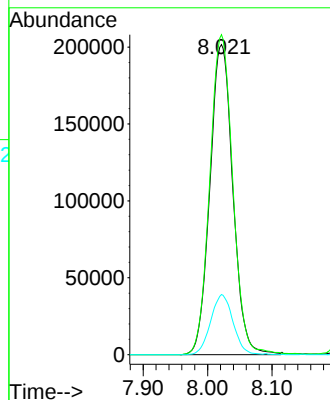
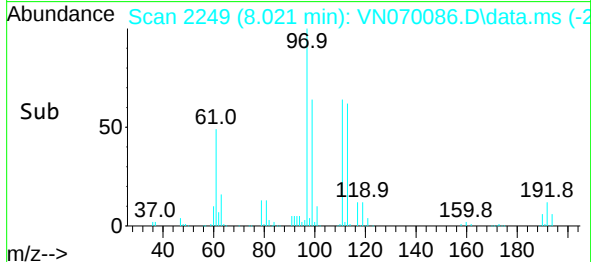
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



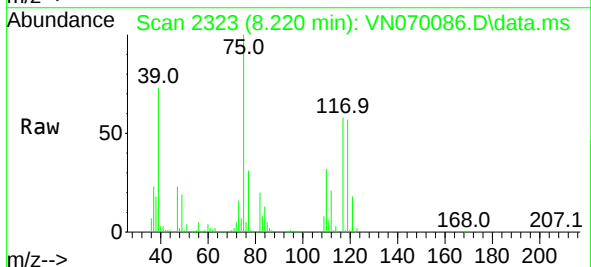
Tgt Ion: 113 Resp: 498788
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.9 16.9 25.3

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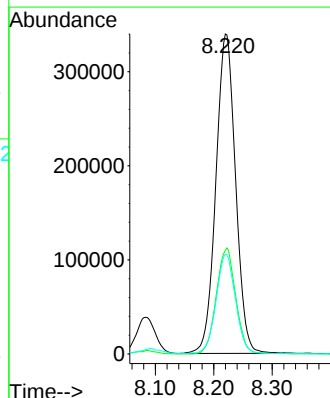
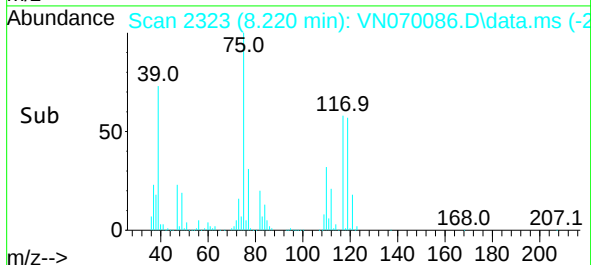
Reviewed By : John Carlone 12/15/2021
Supervised By : Mahesh Dadoda 12/21/2021

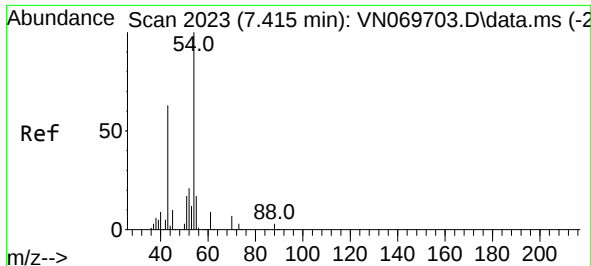


#36
1,1-Dichloropropene
Concen: 47.272 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48



Tgt Ion: 75 Resp: 794789
Ion Ratio Lower Upper
75 100
110 32.9 18.4 55.2
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 45.949 ug/l

RT: 7.413 min Scan# 2023

Delta R.T. -0.002 min

Lab File: VN070086.D

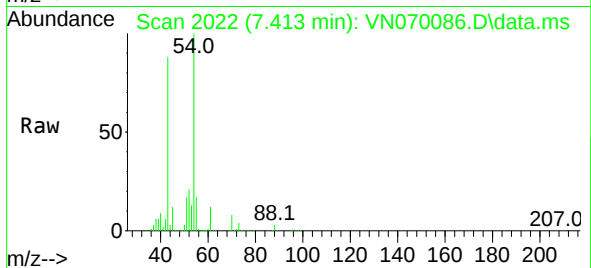
Acq: 14 Dec 2021 21:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 114984

Ion Ratio Lower Upper

43 100

61 12.4 11.5 17.3

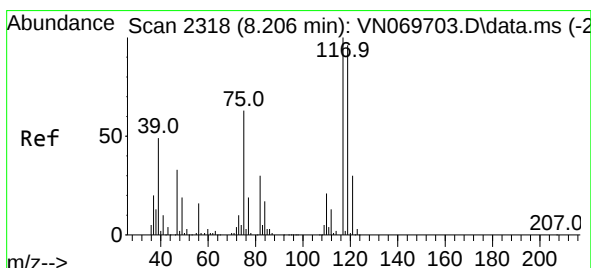
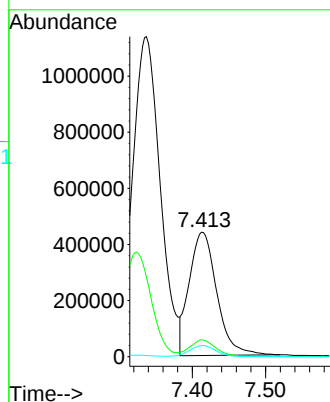
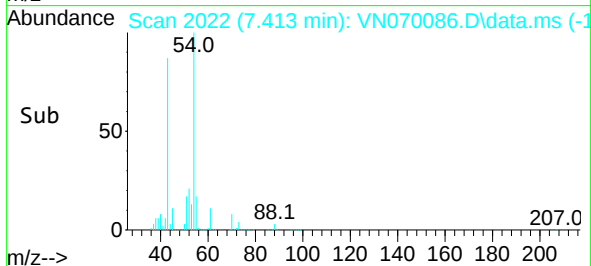
70 8.5 7.9 11.9

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#38

Carbon Tetrachloride

Concen: 43.740 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

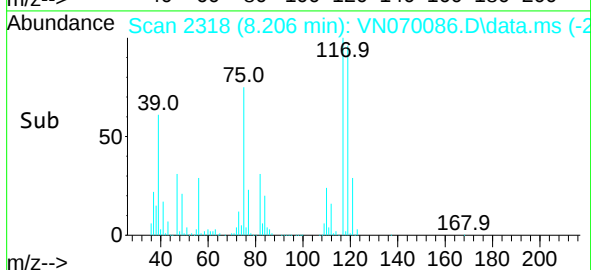
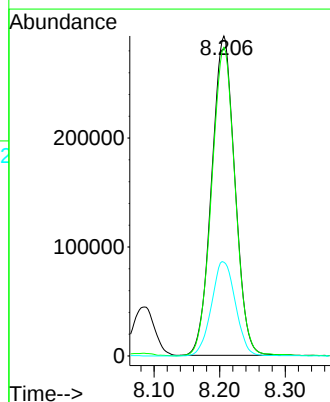
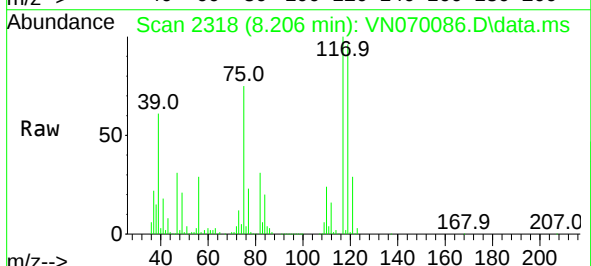
Tgt Ion:117 Resp: 721150

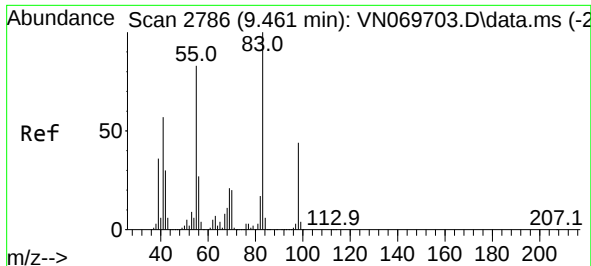
Ion Ratio Lower Upper

117 100

119 96.5 76.1 114.1

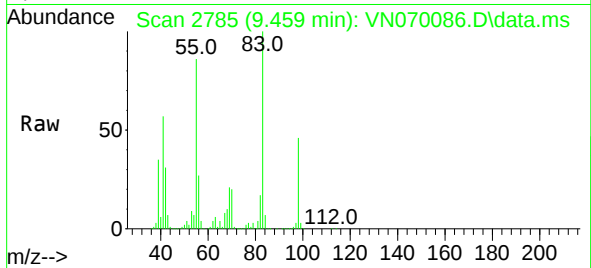
121 29.4 24.2 36.2





#39
Methylcyclohexane
Concen: 46.704 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

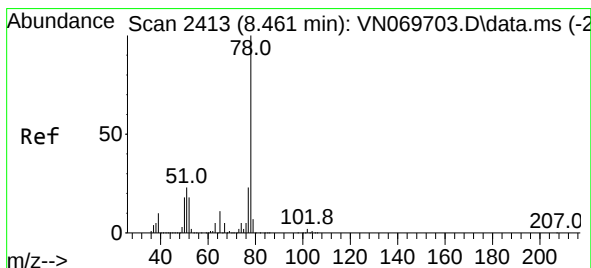
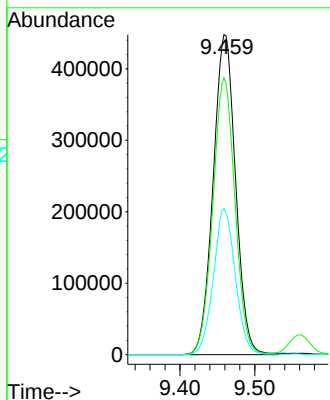
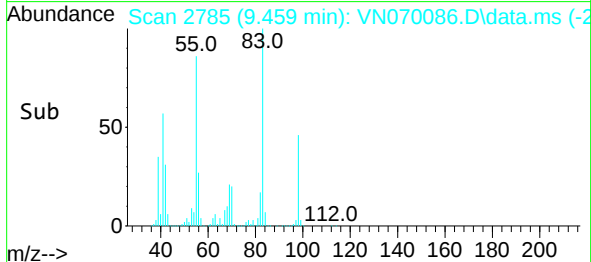
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



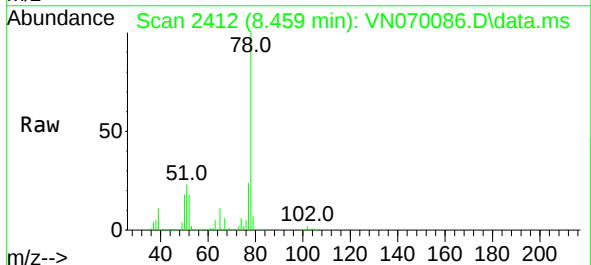
Tgt Ion: 83 Resp: 93402
Ion Ratio Lower Upper
83 100
55 86.5 58.1 87.1
98 45.7 38.4 57.6

Manual Integrations
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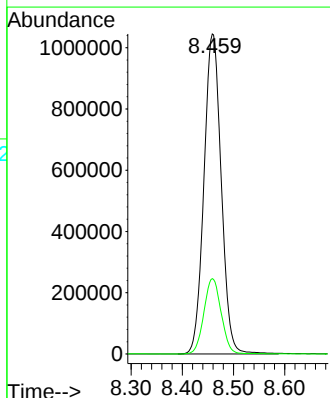
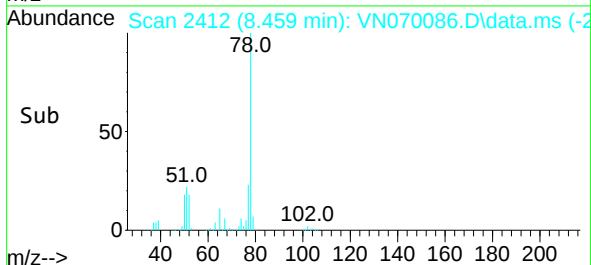
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

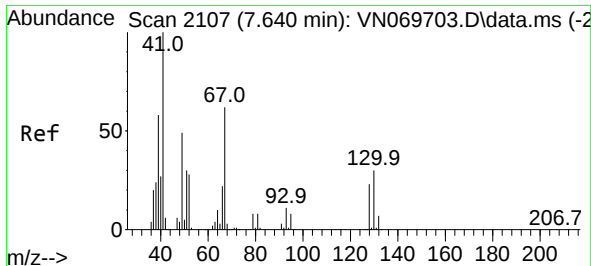


#40
Benzene
Concen: 47.664 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48



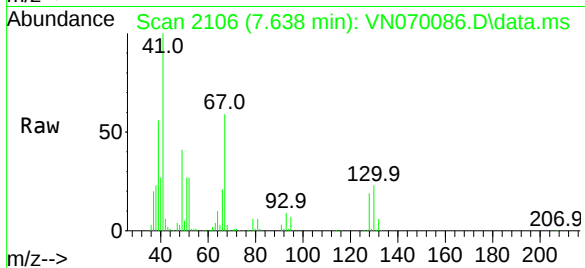
Tgt Ion: 78 Resp: 2449533
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 50.447 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

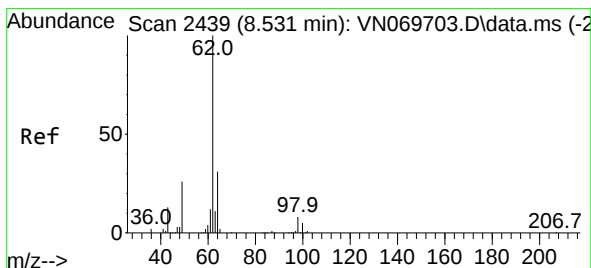
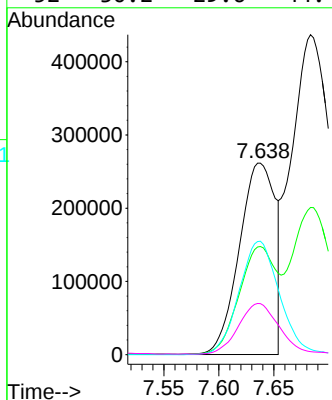
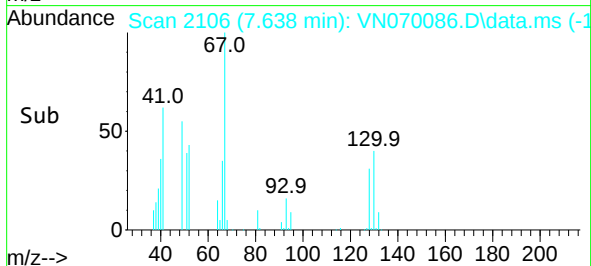
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 592607
Ion Ratio Lower Upper
41 100
39 58.8 48.1 72.1
67 67.4 68.3 102.5
52 30.2 29.6 44.4

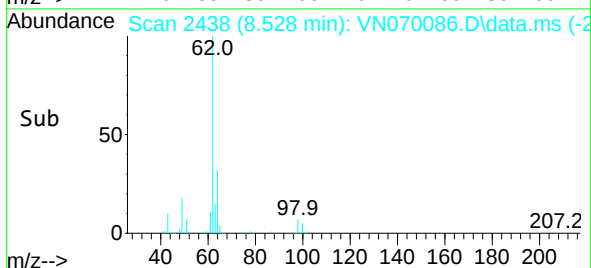
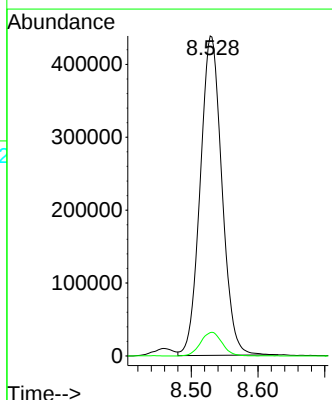
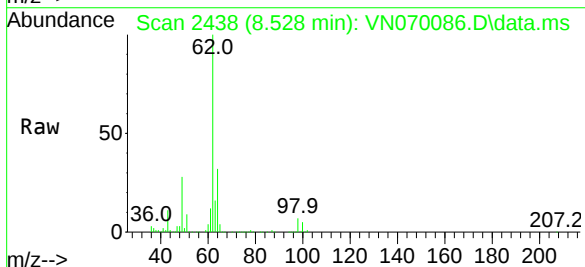
Manual Integrations
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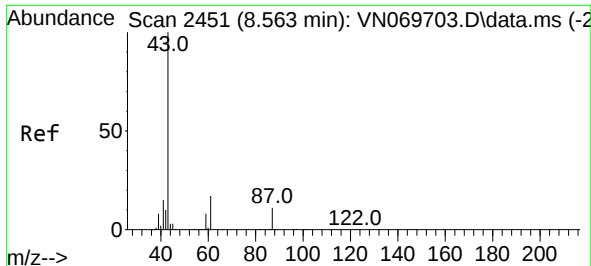
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#42
1,2-Dichloroethane
Concen: 47.688 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

Tgt Ion: 62 Resp: 989313
Ion Ratio Lower Upper
62 100
98 7.4 0.0 17.6





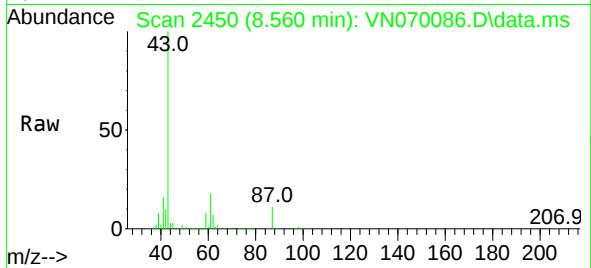
#43
Isopropyl Acetate
Concen: 49.116 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



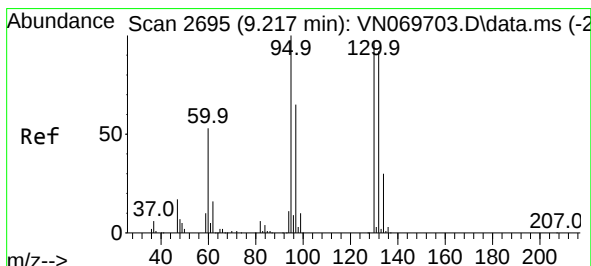
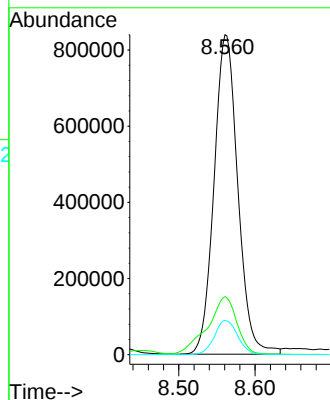
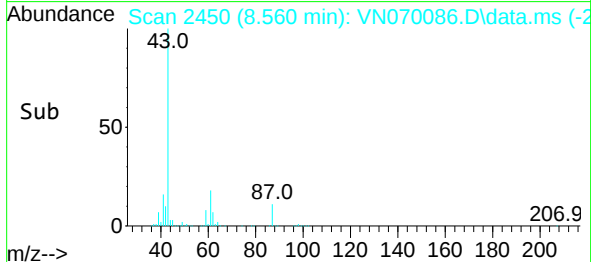
Tgt Ion: 43 Resp: 181844
Ion Ratio Lower Upper
43 100
61 22.2 20.4 30.6
87 10.6 11.2 16.8

Manual Integrations

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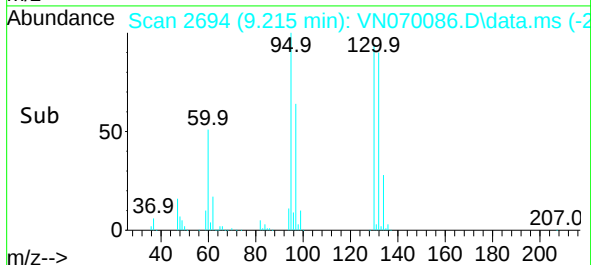
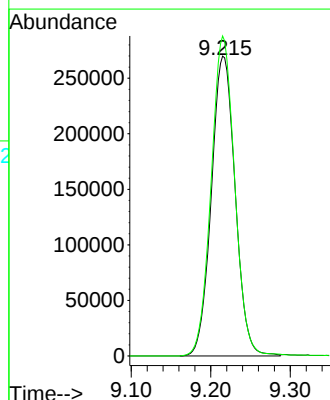
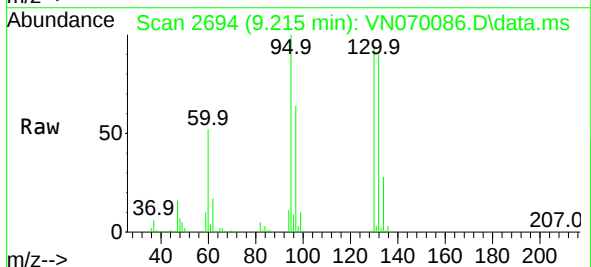
Reviewed By :John Carlone 12/15/2021

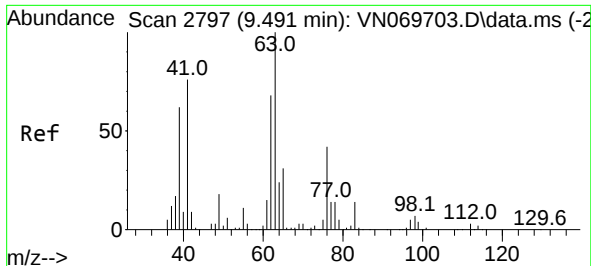
Supervised By :Mahesh Dadoda 12/21/2021



#44
Trichloroethene
Concen: 45.772 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

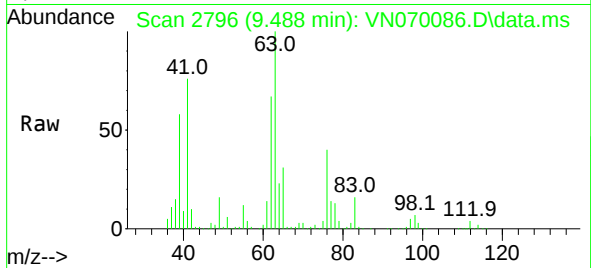
Tgt Ion:130 Resp: 561438
Ion Ratio Lower Upper
130 100
95 106.7 0.0 191.2





#45
1,2-Dichloropropane
Concen: 49.417 ug/l
RT: 9.488 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

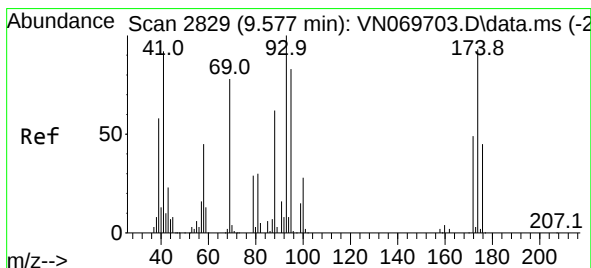
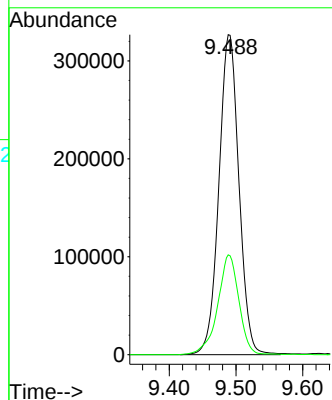
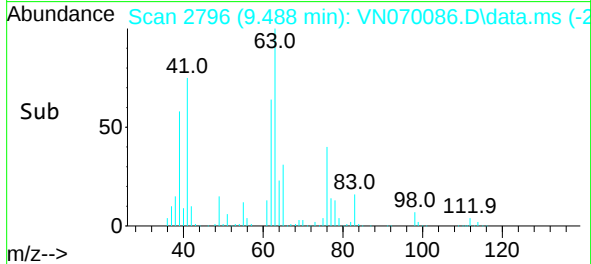
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



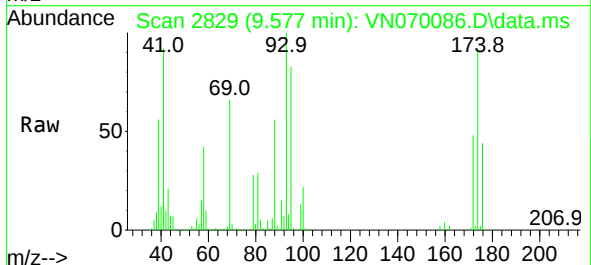
Tgt Ion: 63 Resp: 68197
Ion Ratio Lower Upper
63 100
65 31.2 24.7 37.1

Manual Integrations
APPROVED

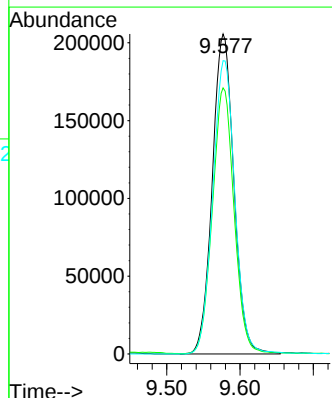
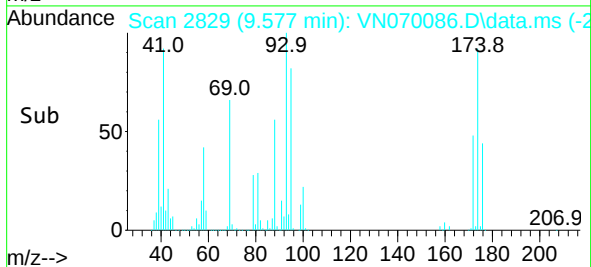
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#46
Dibromomethane
Concen: 46.682 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48



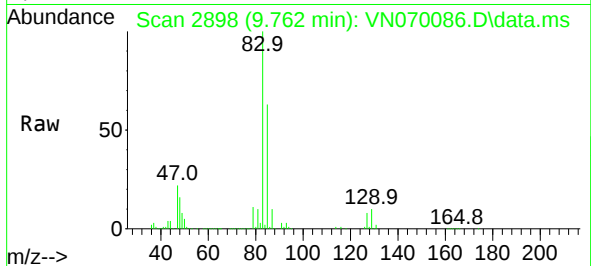
Tgt Ion: 93 Resp: 422509
Ion Ratio Lower Upper
93 100
95 83.3 65.9 98.9
174 93.9 84.6 127.0





#47
Bromodichloromethane
Concen: 49.023 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

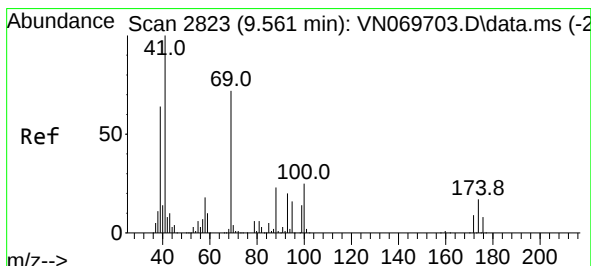
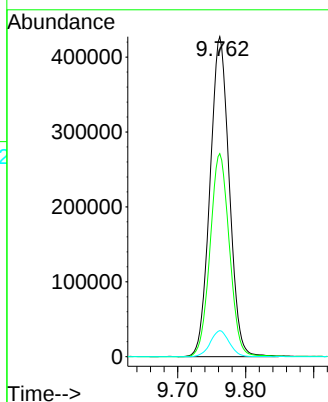
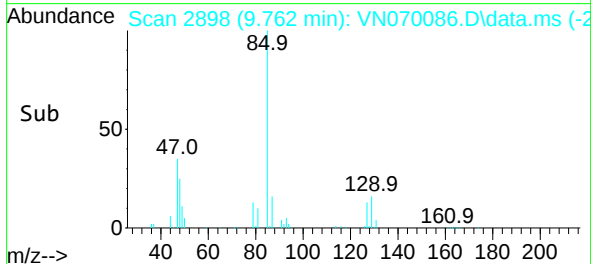
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 84006
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3
127 8.2 7.1 10.7

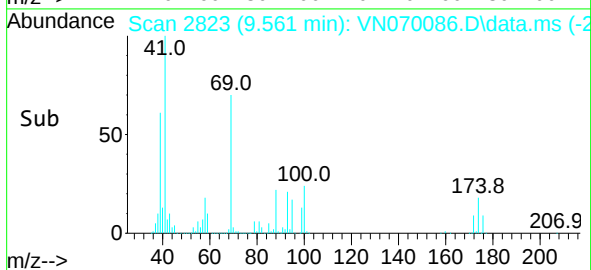
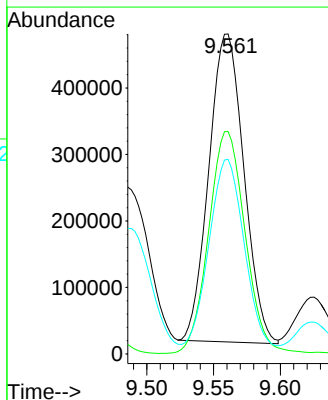
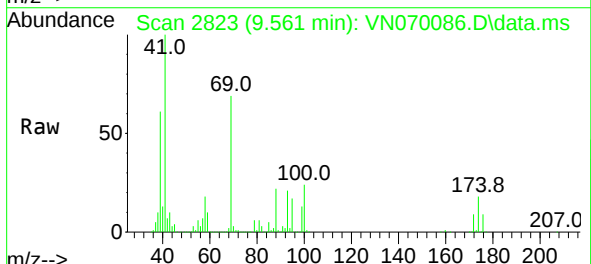
Manual Integrations
APPROVED

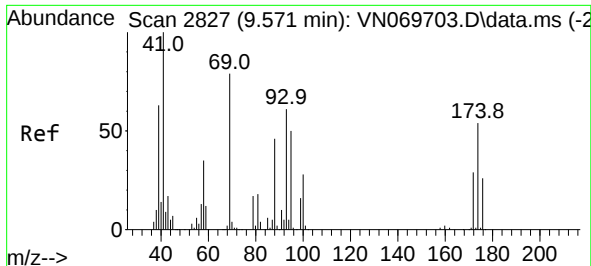
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#48
Methyl methacrylate
Concen: 48.933 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

Tgt Ion: 41 Resp: 845650
Ion Ratio Lower Upper
41 100
69 75.1 72.4 108.6
39 64.9 58.4 87.6





#49

1,4-Dioxane

Concen: 918.928 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.002 min

Lab File: VN070086.D

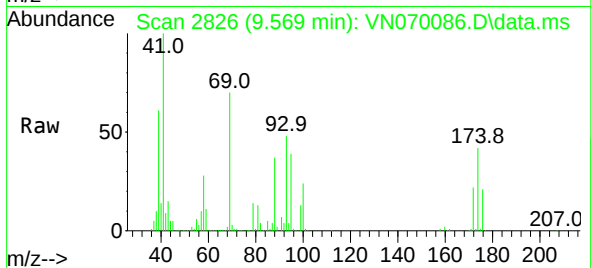
Acq: 14 Dec 2021 21:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 88 Resp: 284949

Ion Ratio Lower Upper

88 100

43 37.0 23.4 35.2

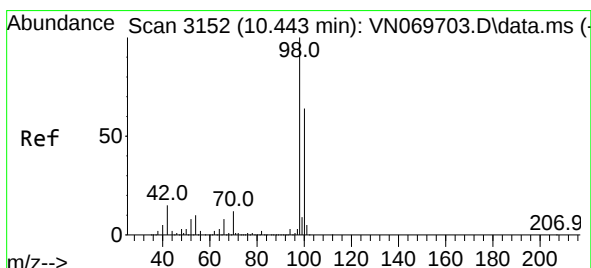
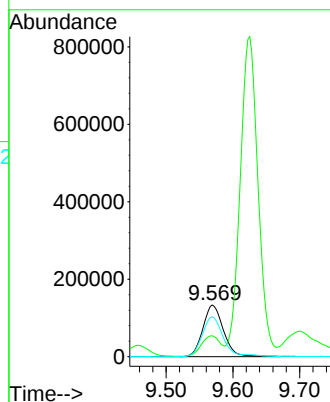
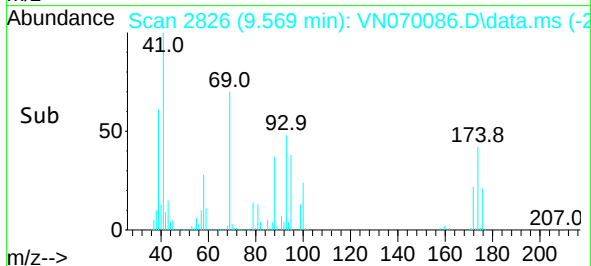
58 79.6 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#50

Toluene-d8

Concen: 44.293 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.002 min

Lab File: VN070086.D

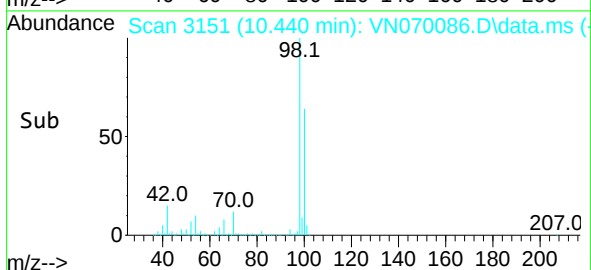
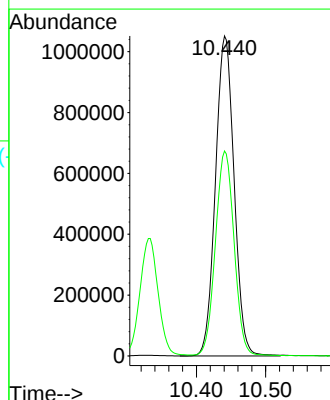
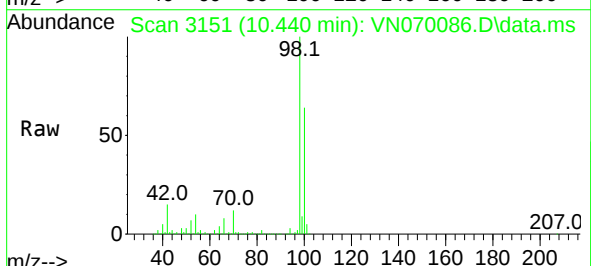
Acq: 14 Dec 2021 21:48

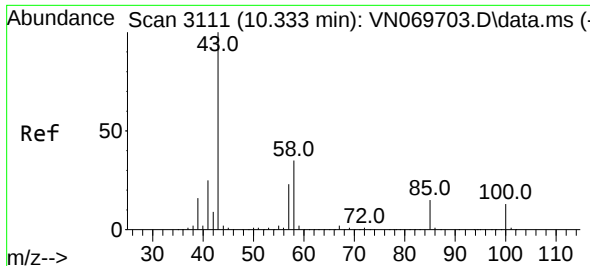
Tgt Ion: 98 Resp: 1967535

Ion Ratio Lower Upper

98 100

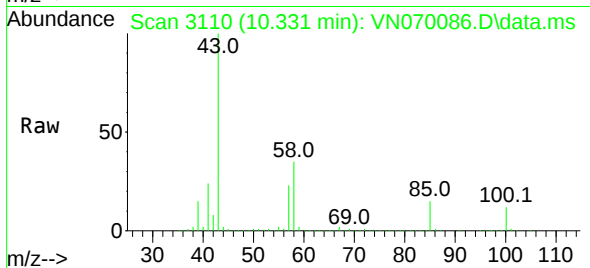
100 64.1 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 253.409 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

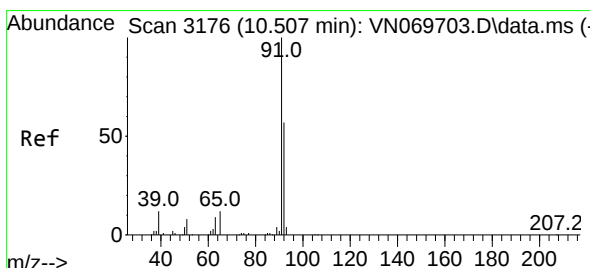
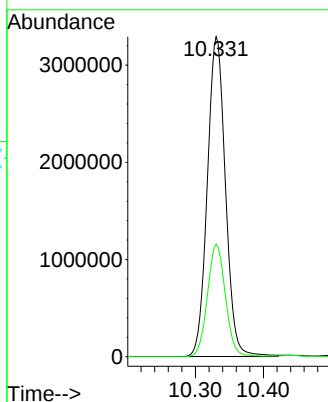
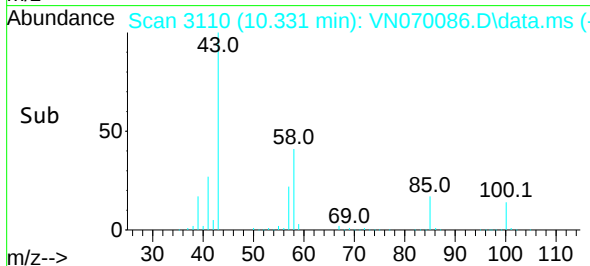
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



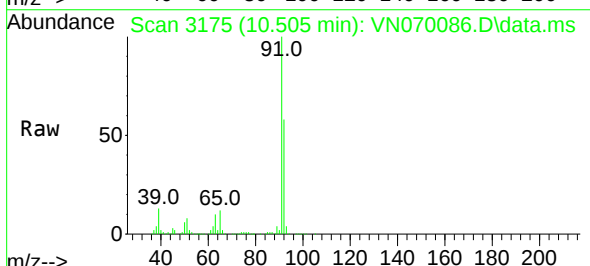
Tgt Ion: 43 Resp: 6087774
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

Manual Integrations
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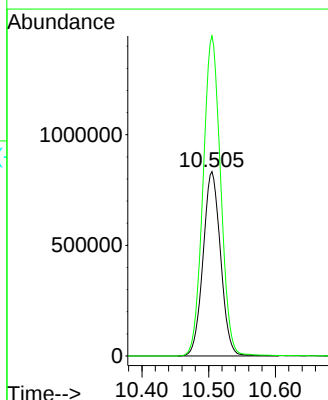
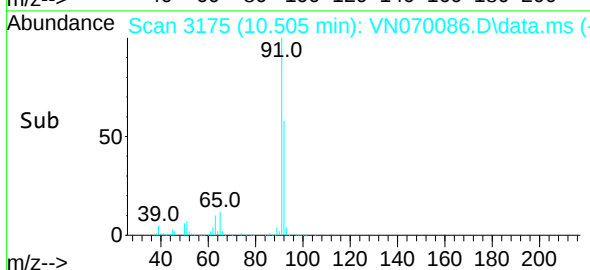
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#52
Toluene
Concen: 48.269 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48



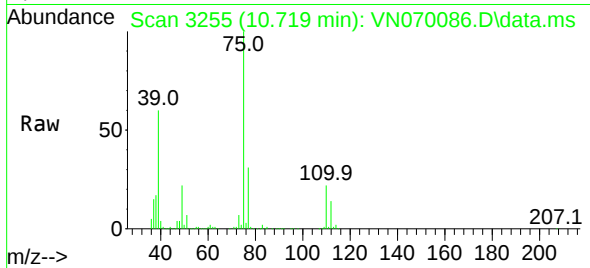
Tgt Ion: 92 Resp: 1514438
Ion Ratio Lower Upper
92 100
91 174.9 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 43.337 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

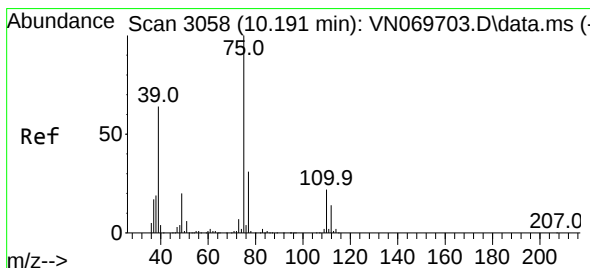
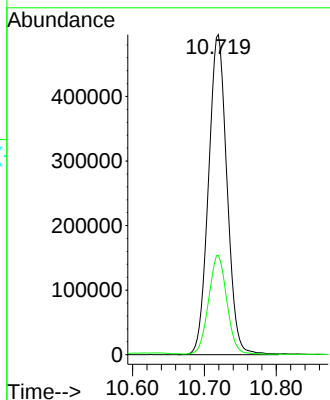
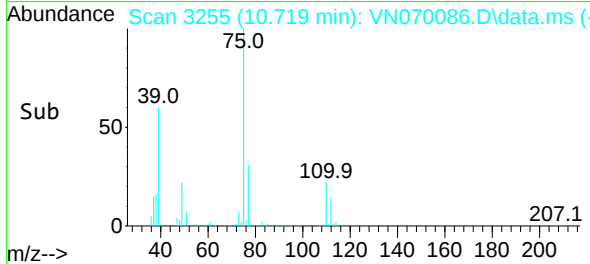
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



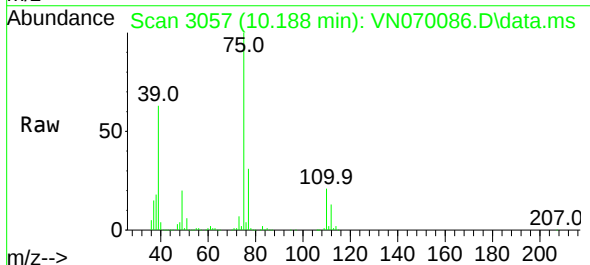
Tgt Ion: 75 Resp: 885200
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

Manual Integrations
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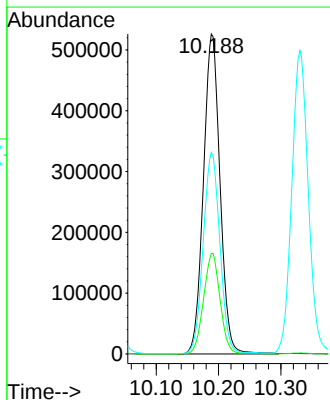
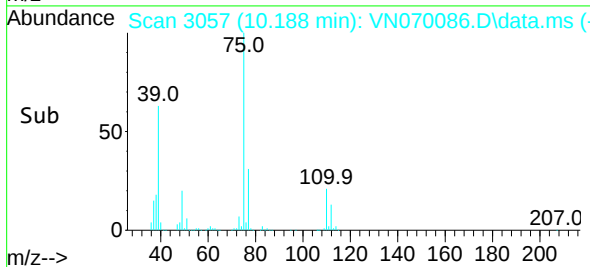
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

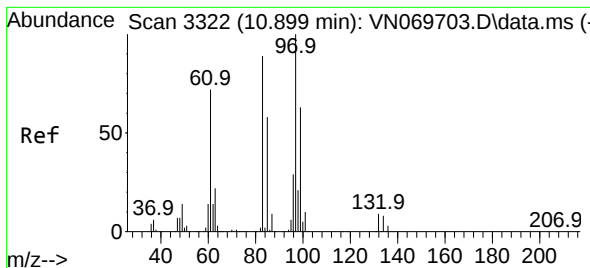


#54
cis-1,3-Dichloropropene
Concen: 45.255 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48



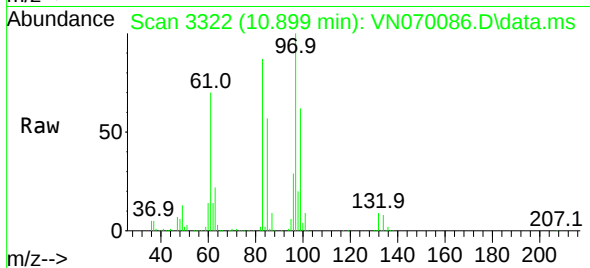
Tgt Ion: 75 Resp: 974764
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 62.8 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 48.611 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

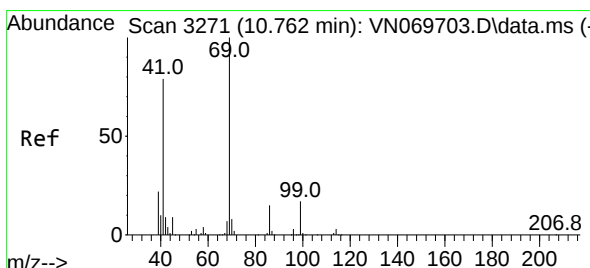
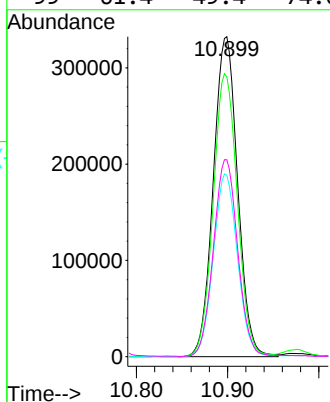
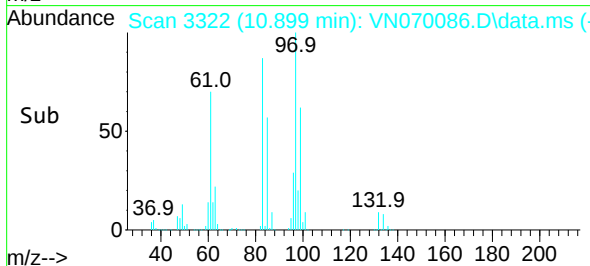
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



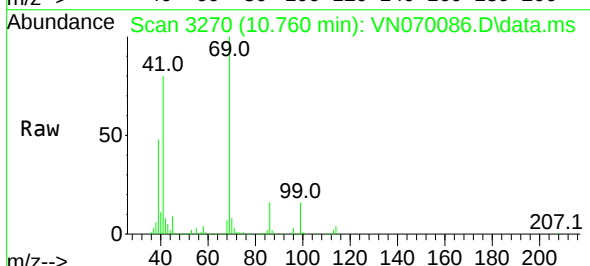
Tgt Ion: 97 Resp: 615379
Ion Ratio Lower Upper
97 100
83 87.4 67.8 101.6
85 56.7 45.4 68.2
99 61.4 49.4 74.0

Manual Integrations
APPROVED

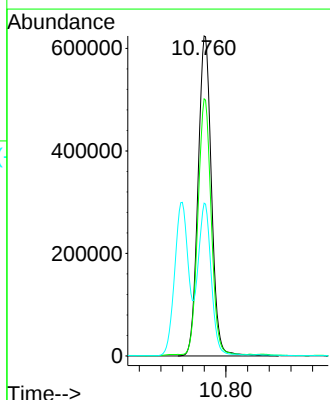
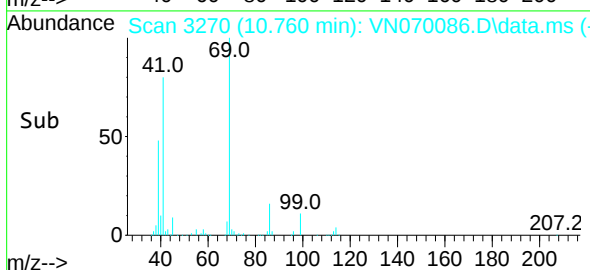
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#56
Ethyl methacrylate
Concen: 45.172 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48



Tgt Ion: 69 Resp: 1073461
Ion Ratio Lower Upper
69 100
41 78.5 51.4 77.0#
39 44.9 34.6 52.0





#57

1,3-Dichloropropane

Concen: 48.887 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN070086.D

Acq: 14 Dec 2021 21:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 108970

Ion Ratio Lower Upper

76 100

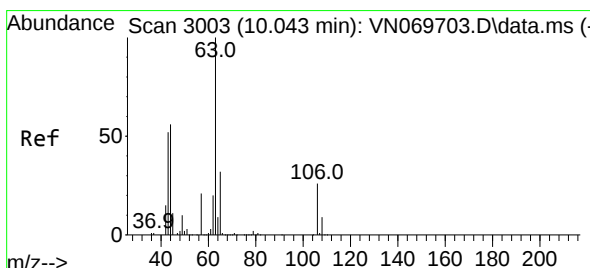
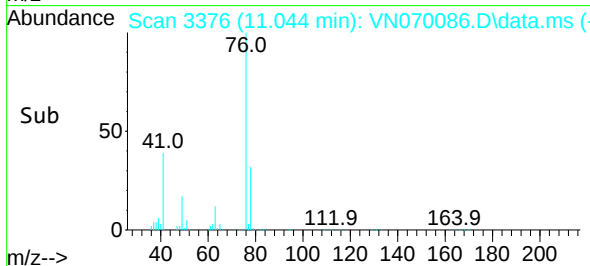
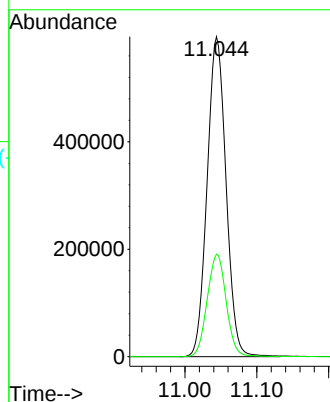
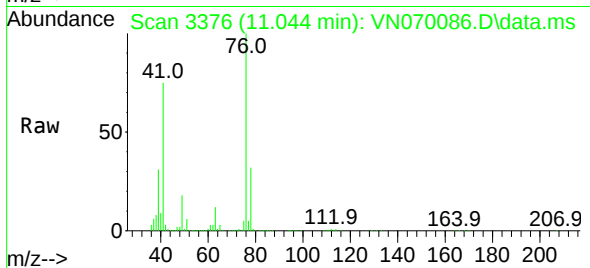
78 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#58

2-Chloroethyl Vinyl ether

Concen: 217.539 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070086.D

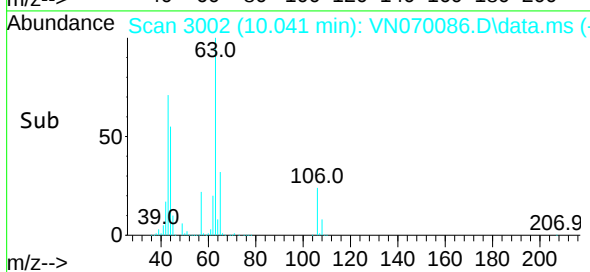
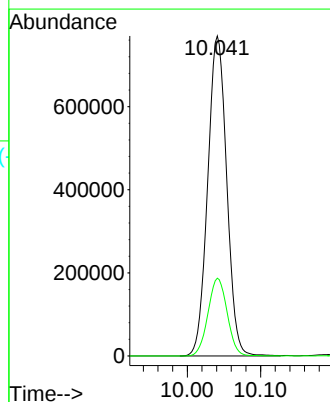
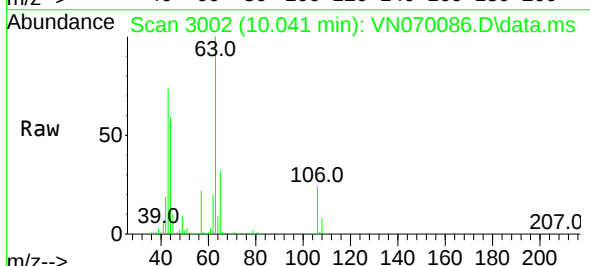
Acq: 14 Dec 2021 21:48

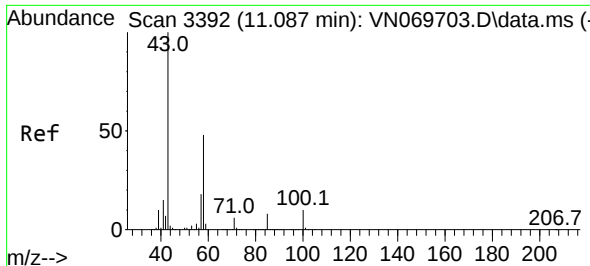
Tgt Ion: 63 Resp: 1386574

Ion Ratio Lower Upper

63 100

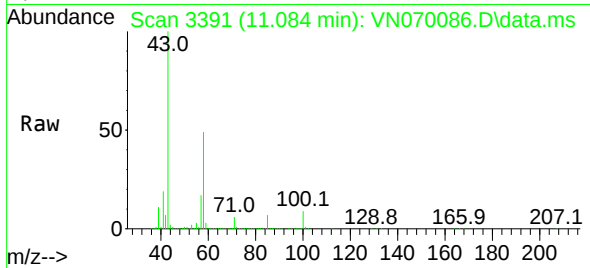
106 24.6 23.9 35.9





#59
2-Hexanone
Concen: 242.097 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

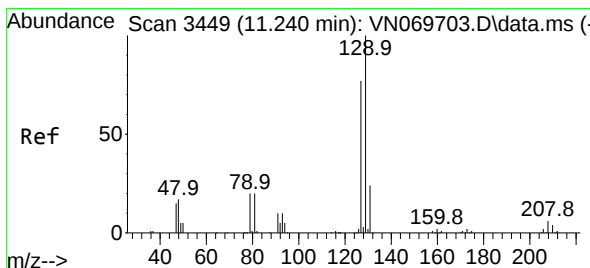
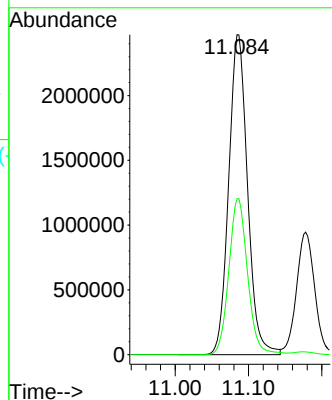
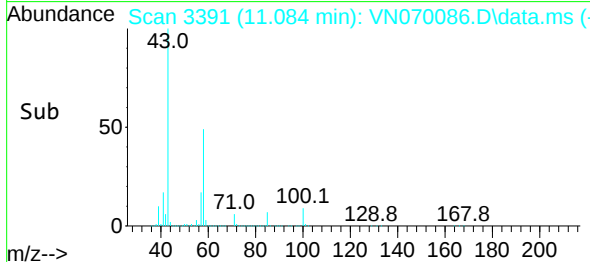
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 439963
Ion Ratio Lower Upper
43 100
58 48.6 26.9 80.7

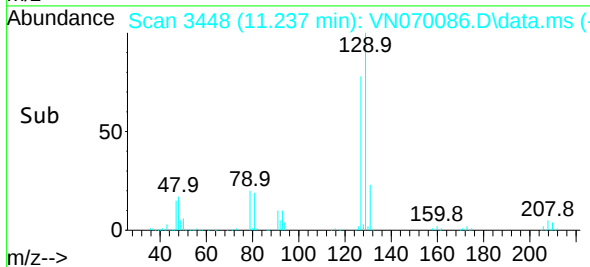
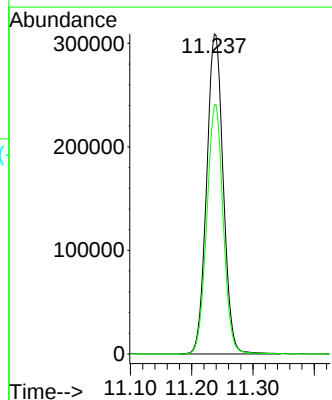
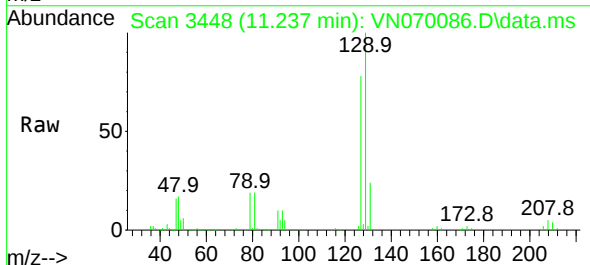
Manual Integrations
APPROVED

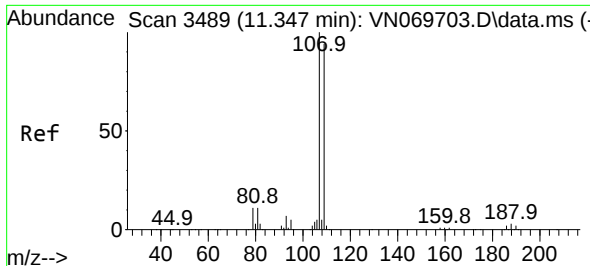
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#60
Dibromochloromethane
Concen: 43.159 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

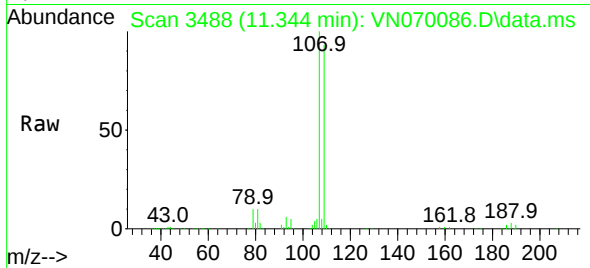
Tgt Ion:129 Resp: 580771
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 47.603 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

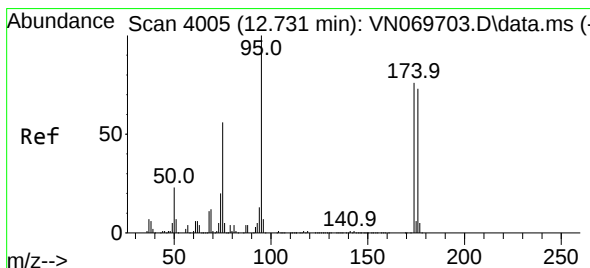
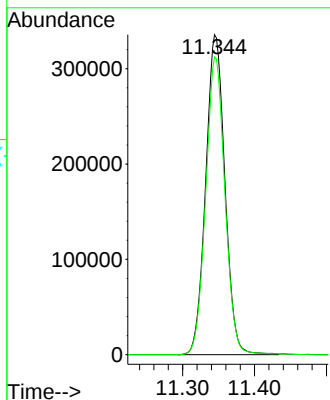
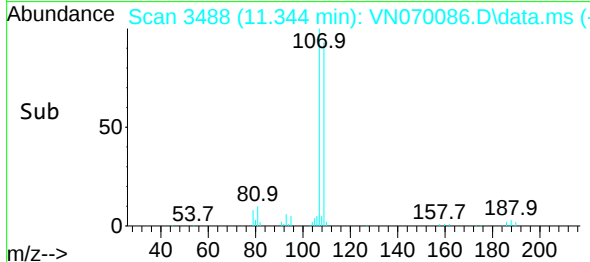
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 624164
Ion Ratio Lower Upper
107 100
109 93.2 75.7 113.5

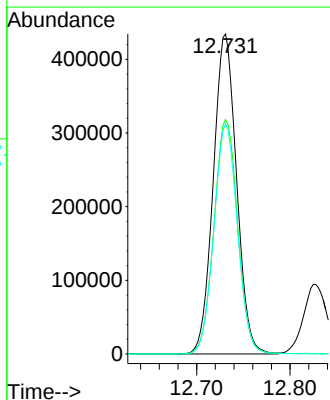
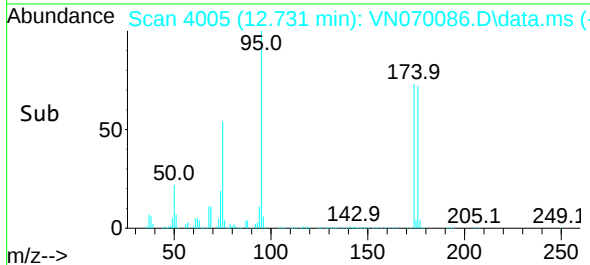
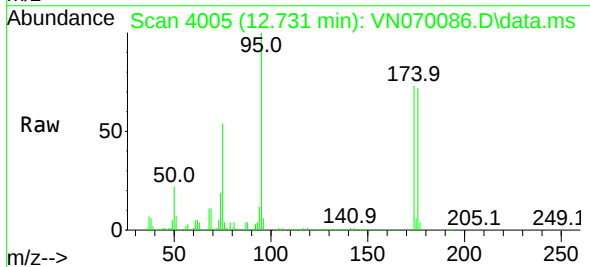
Manual Integrations
APPROVED

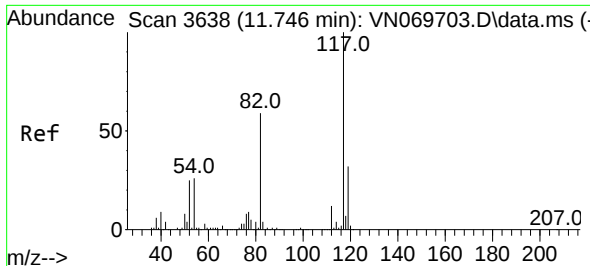
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#62
4-Bromofluorobenzene
Concen: 46.782 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

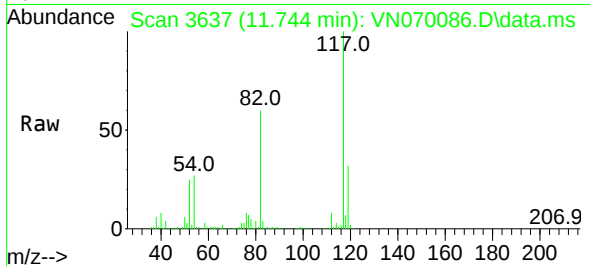
Tgt Ion: 95 Resp: 752843
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 72.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

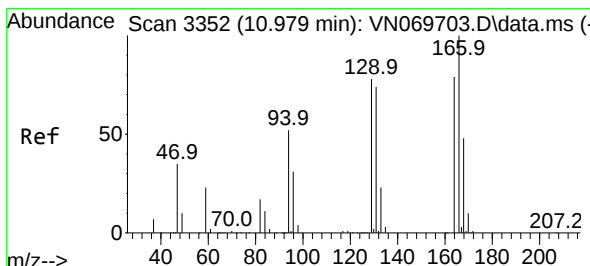
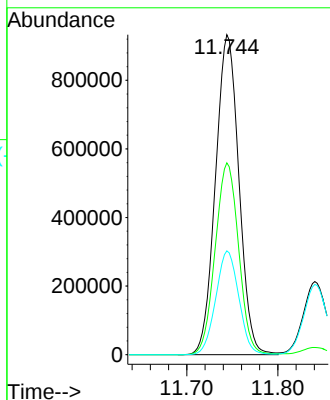
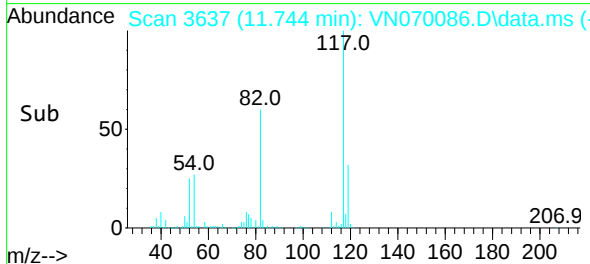
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 1665370
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.5 25.4 38.2

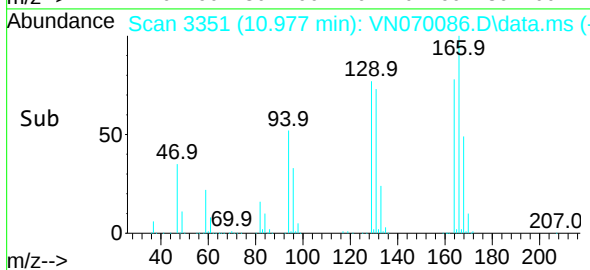
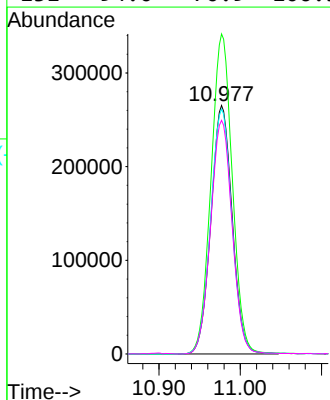
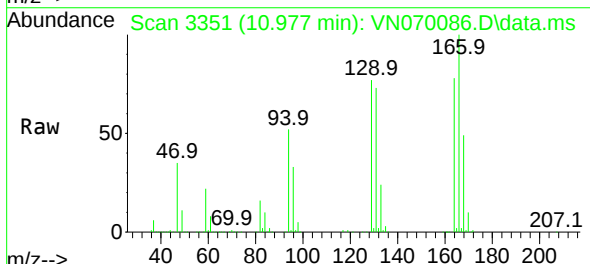
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#64
Tetrachloroethene
Concen: 42.660 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

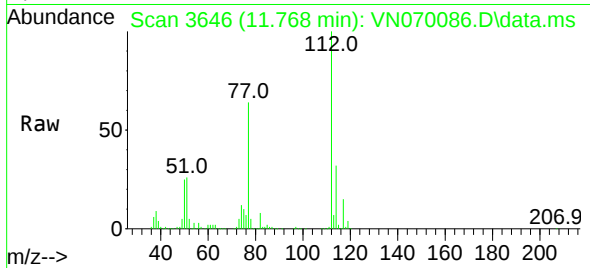
Tgt Ion:164 Resp: 481729
Ion Ratio Lower Upper
164 100
166 128.7 101.9 152.9
129 98.5 72.0 108.0
131 94.0 70.9 106.3





#65
Chlorobenzene
Concen: 46.904 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

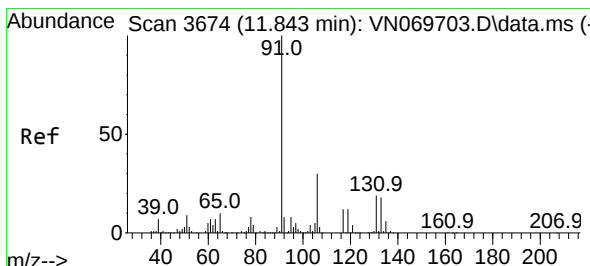
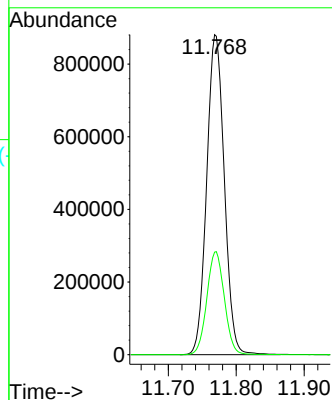
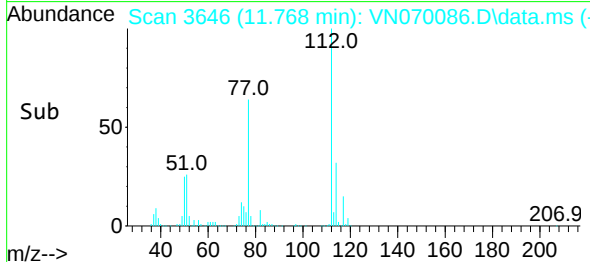
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



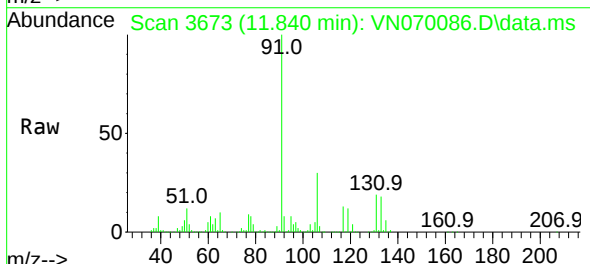
Tgt Ion:112 Resp: 158468
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

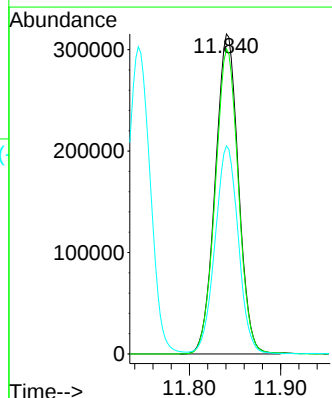
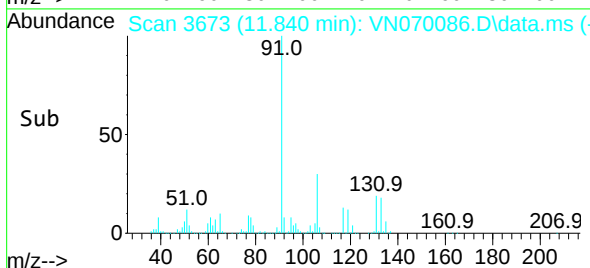
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

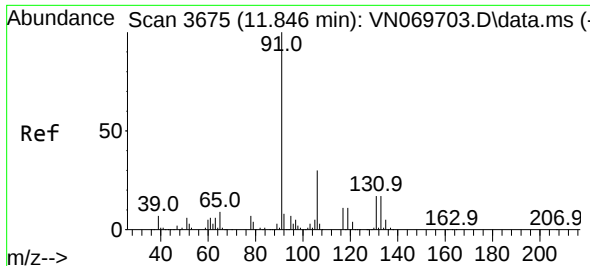


#66
1,1,1,2-Tetrachloroethane
Concen: 46.819 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48



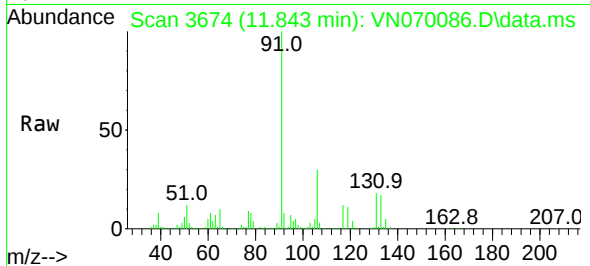
Tgt Ion:131 Resp: 556747
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 65.2 32.1 96.5





#67
Ethyl Benzene
Concen: 49.129 ug/l
RT: 11.843 min Scan# 3015054
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

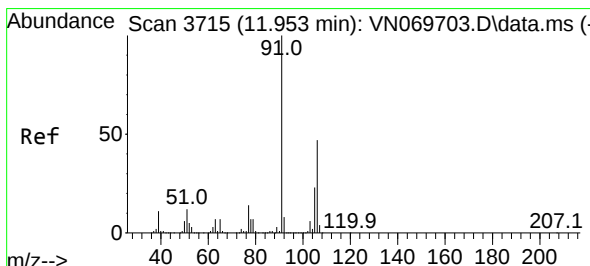
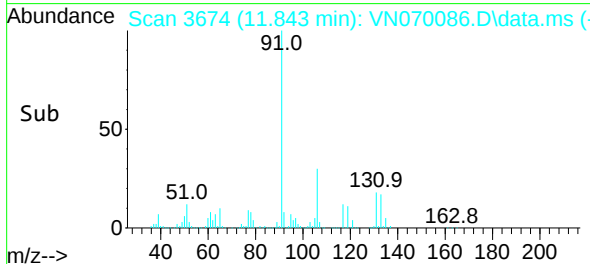
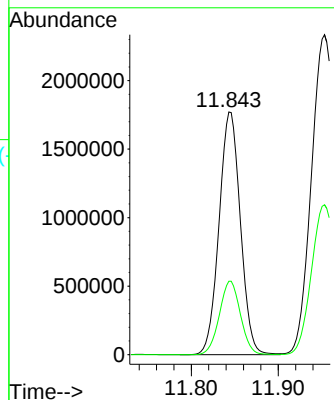
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 3015054
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

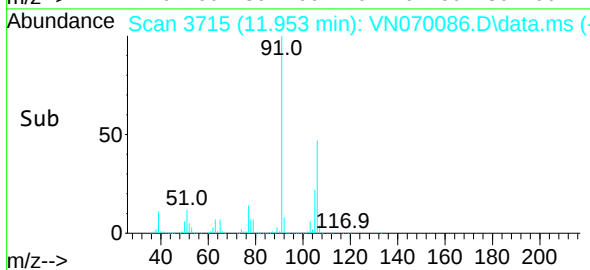
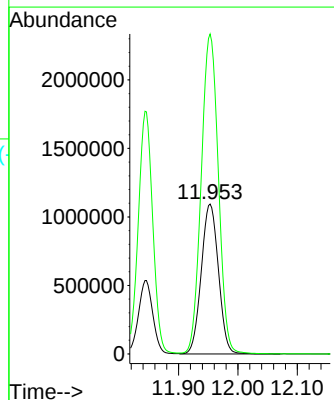
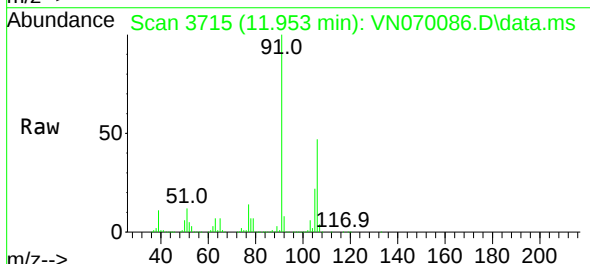
Manual Integrations
APPROVED

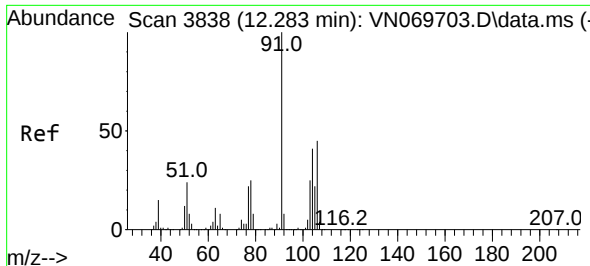
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#68
m/p-Xylenes
Concen: 98.168 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

Tgt Ion:106 Resp: 2193623
Ion Ratio Lower Upper
106 100
91 213.5 160.6 240.8





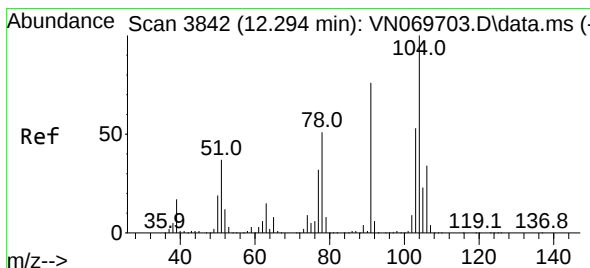
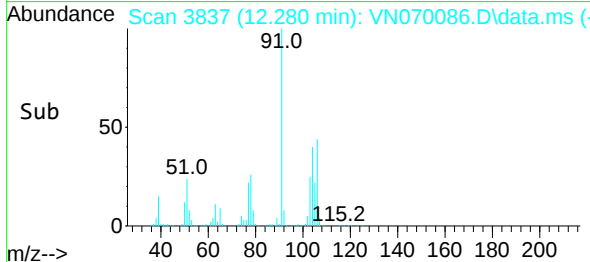
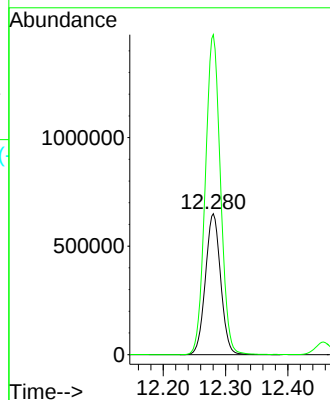
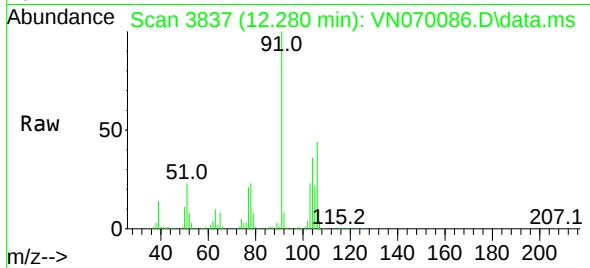
#69
o-Xylene
Concen: 48.930 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 1101308
Ion Ratio Lower Upper
106 100
91 226.6 105.8 317.3

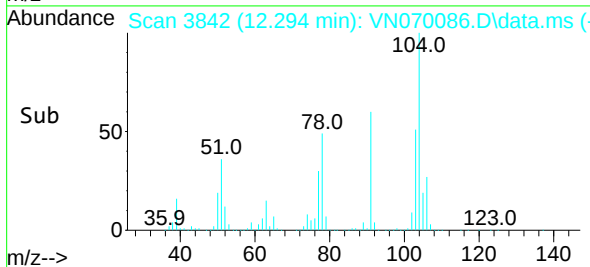
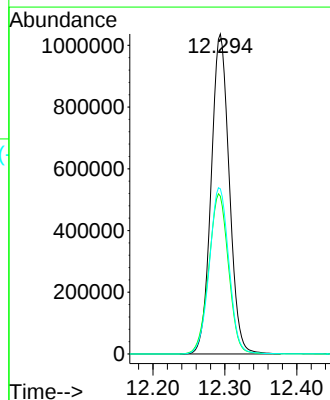
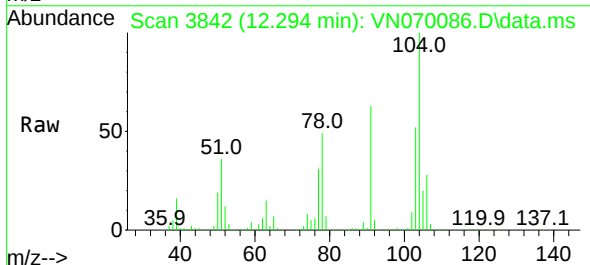
Manual Integrations
APPROVED

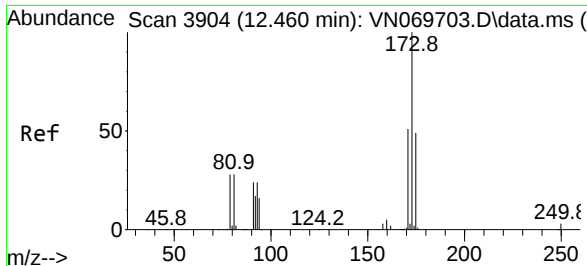
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#70
Styrene
Concen: 50.859 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

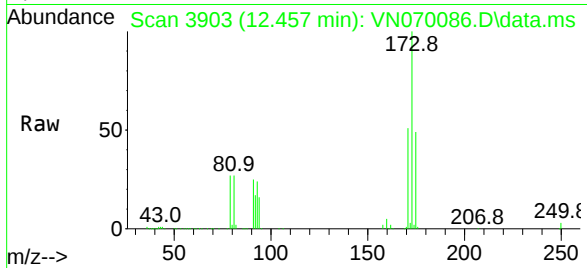
Tgt Ion:104 Resp: 1815191
Ion Ratio Lower Upper
104 100
78 54.6 38.7 58.1
103 56.1 45.0 67.6





#71
Bromoform
Concen: 41.144 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

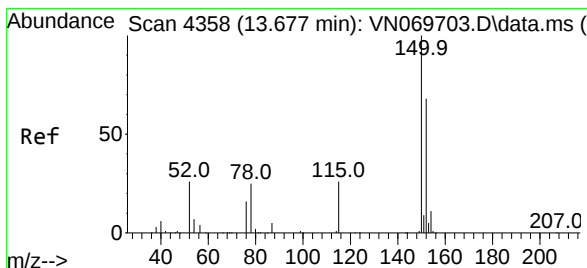
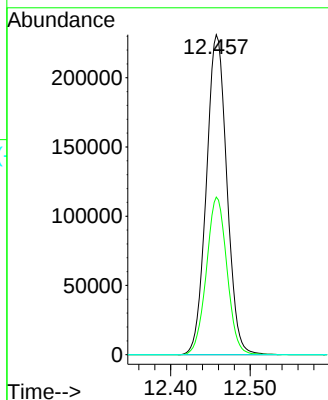
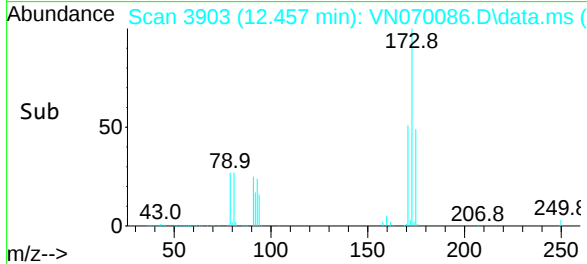
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



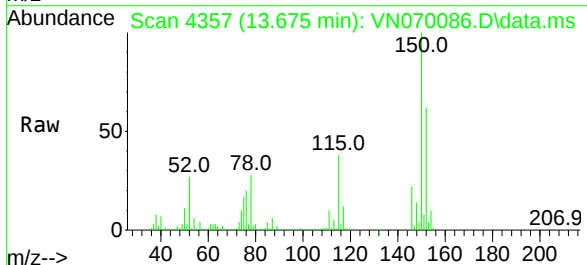
Tgt Ion:173 Resp: 41326
Ion Ratio Lower Upper
173 100
175 49.5 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

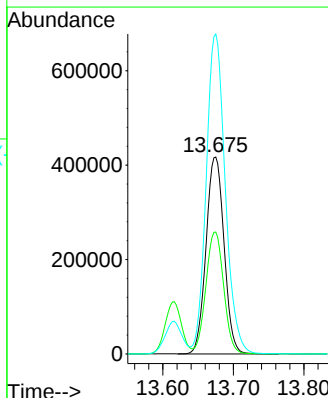
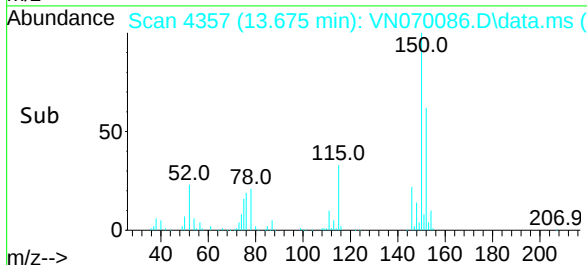
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

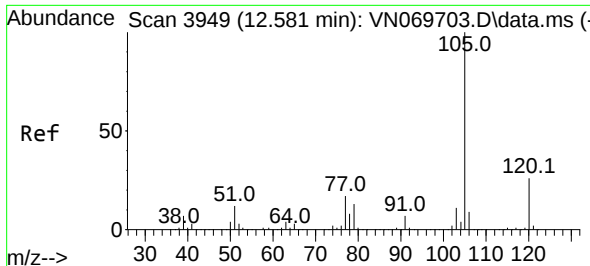


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48



Tgt Ion:152 Resp: 741063
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 171.6 0.0 344.4





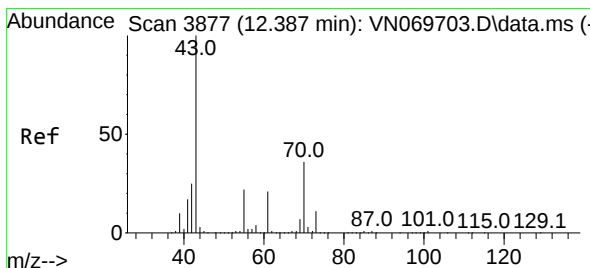
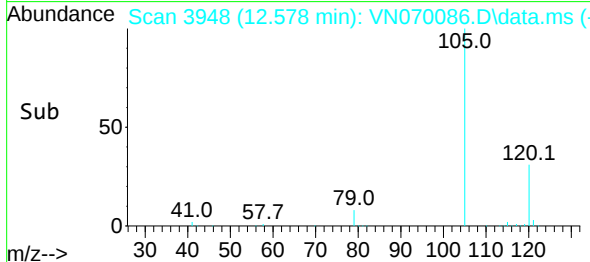
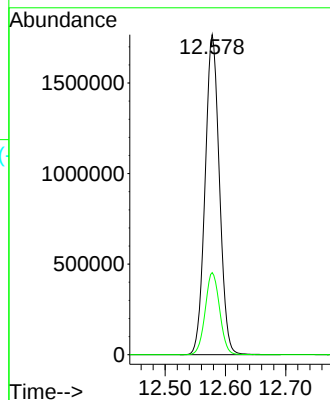
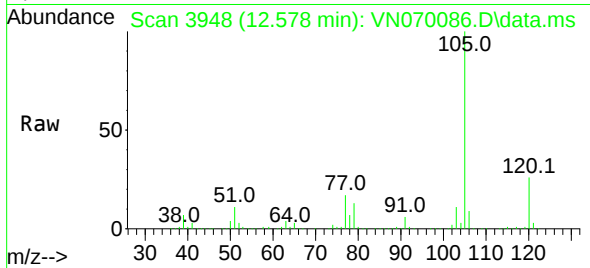
#73
Isopropylbenzene
Concen: 44.179 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 2912880
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

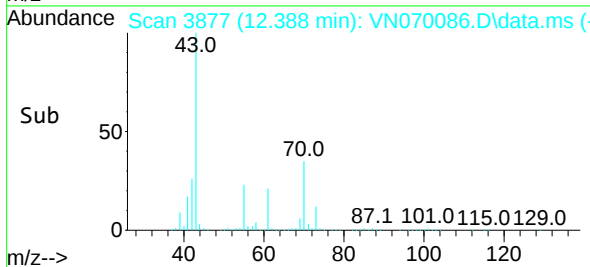
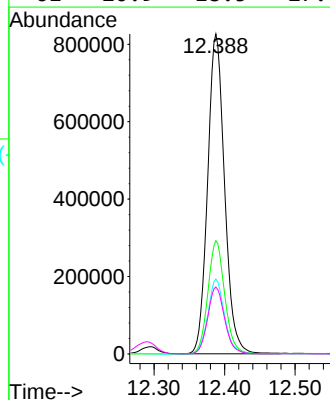
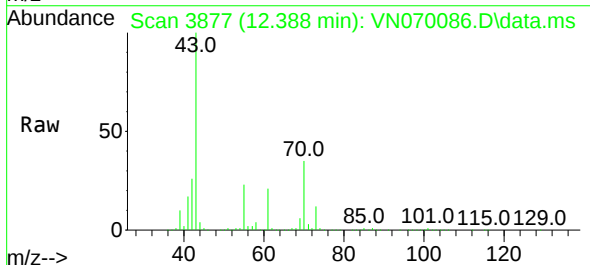
Manual Integrations
APPROVED

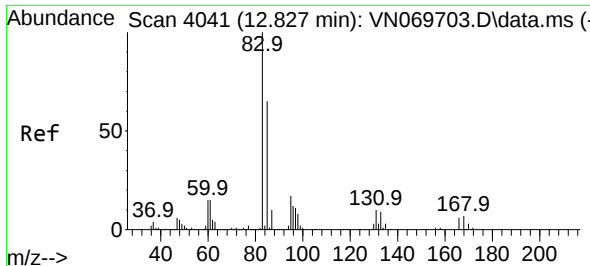
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#74
N-ethyl acetate
Concen: 47.309 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

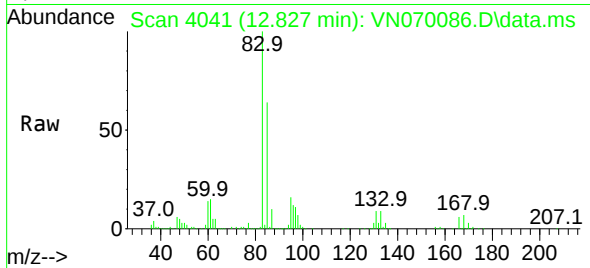
Tgt Ion: 43 Resp: 1379449
Ion Ratio Lower Upper
43 100
70 35.2 33.4 50.0
55 23.1 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 44.188 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

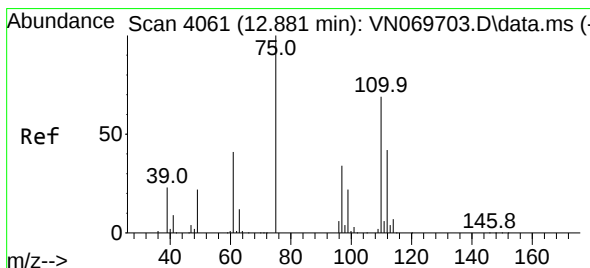
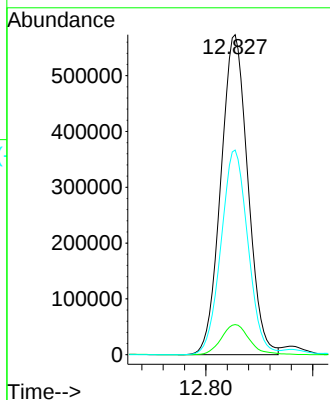
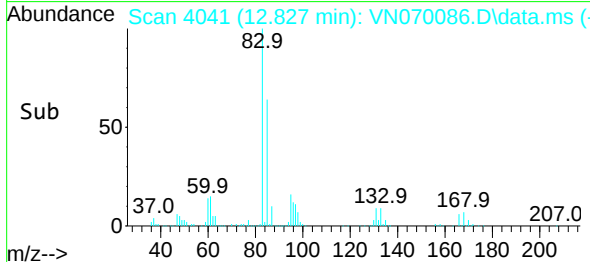
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 100747
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.8 32.4 97.2

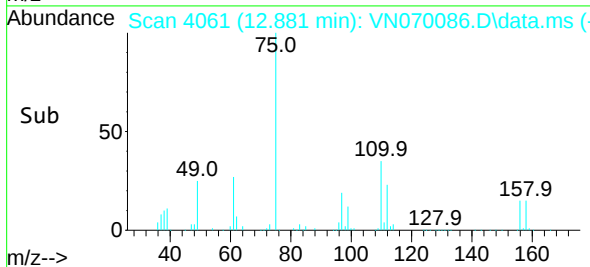
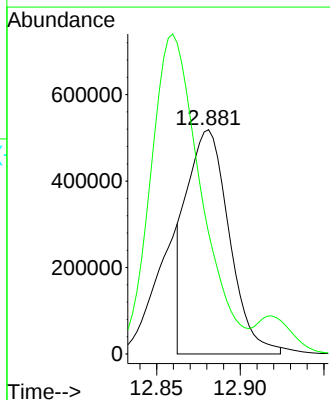
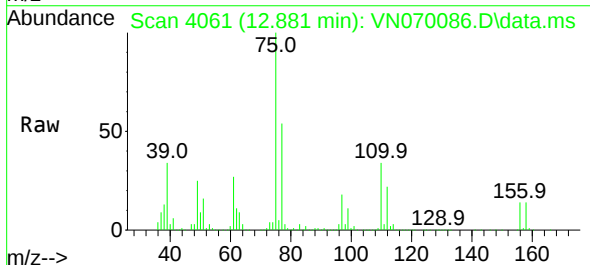
Manual Integrations
APPROVED

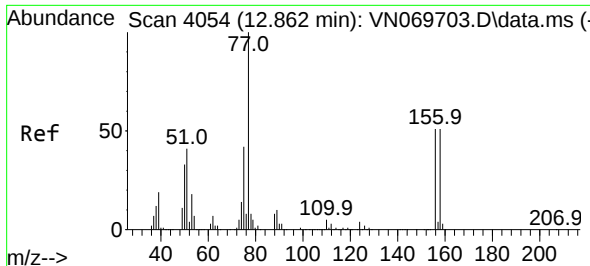
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#76
1,2,3-Trichloropropane
Concen: 42.990 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

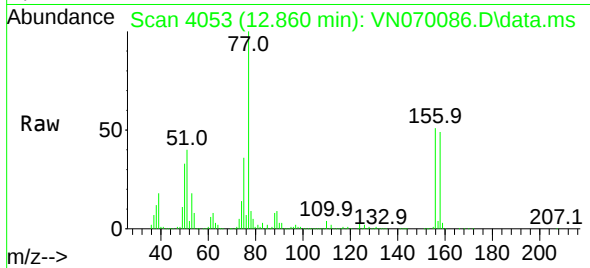
Tgt Ion: 75 Resp: 913612
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 43.002 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

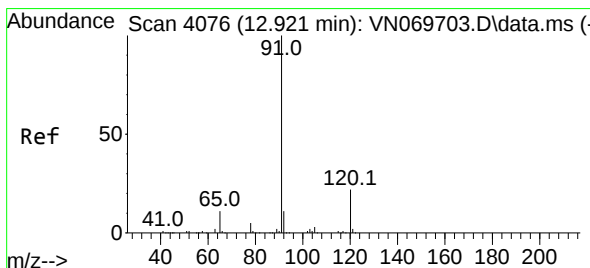
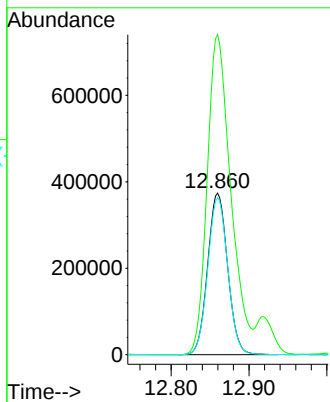
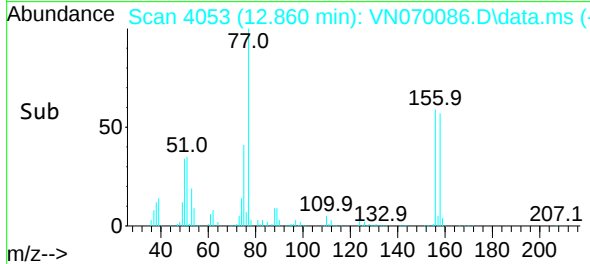
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 665970
Ion Ratio Lower Upper
156 100
77 233.7 90.6 271.8
158 97.4 48.9 146.7

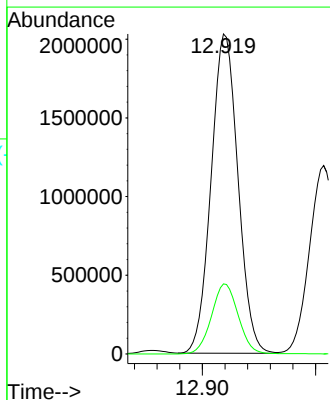
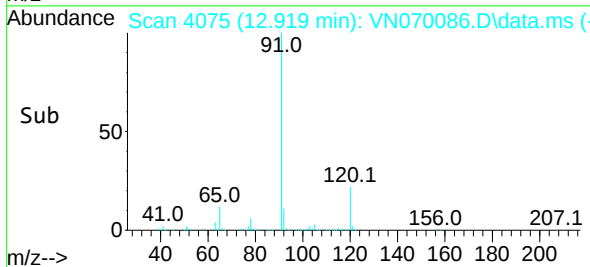
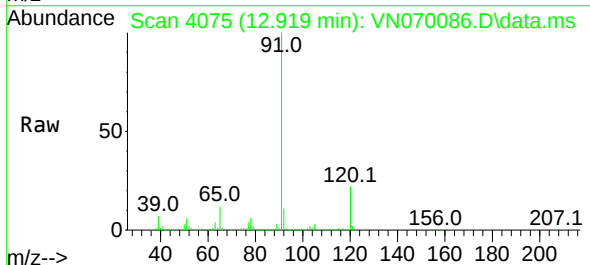
Manual Integrations
APPROVED

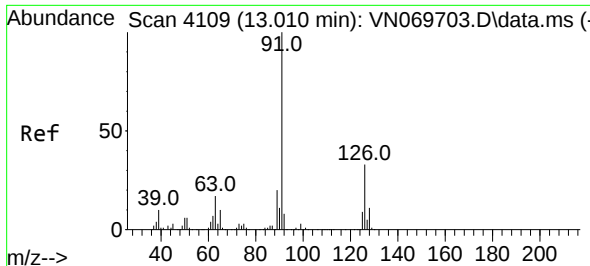
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#78
n-propylbenzene
Concen: 45.530 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

Tgt Ion: 91 Resp: 3340524
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





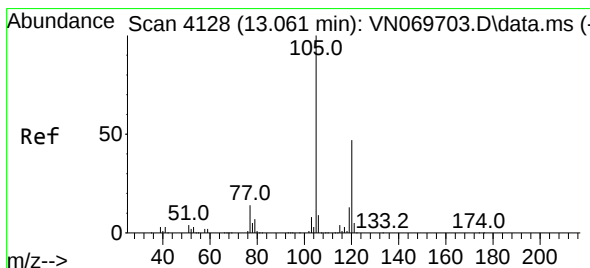
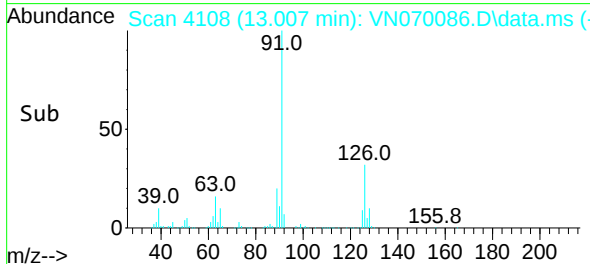
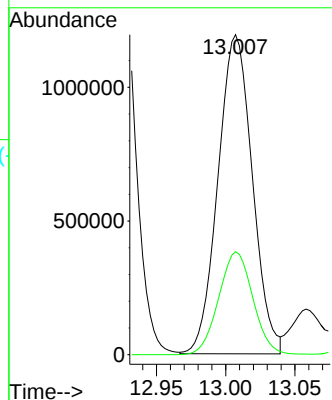
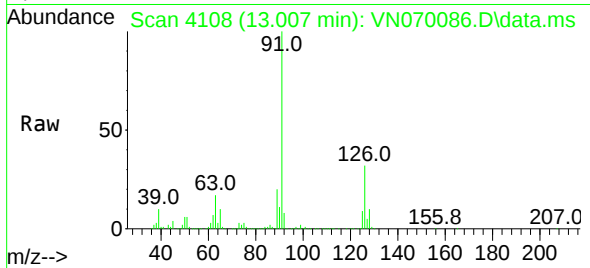
#79
2-Chlorotoluene
Concen: 44.491 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 2062629
Ion Ratio Lower Upper
91 100
126 32.1 18.3 54.8

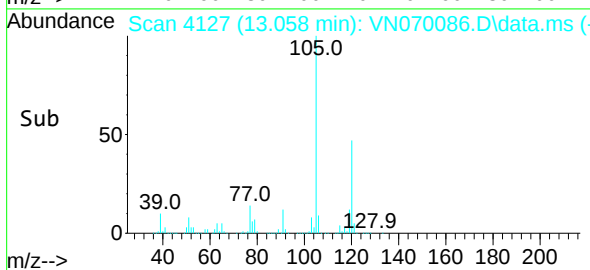
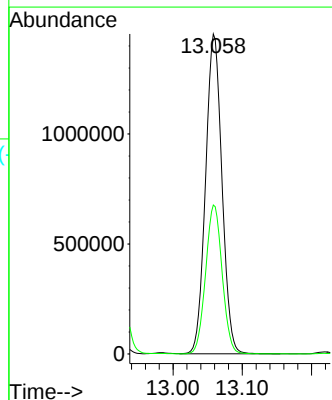
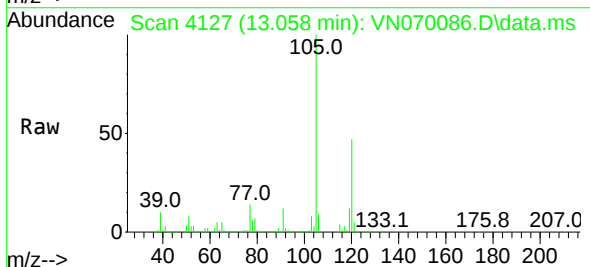
Manual Integrations
APPROVED

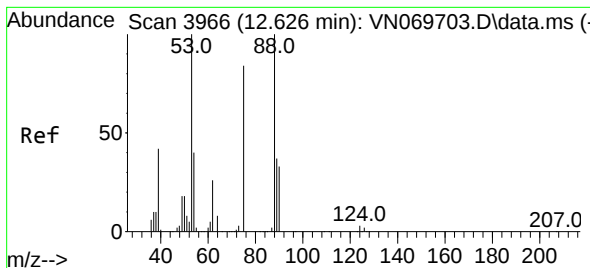
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#80
1,3,5-Trimethylbenzene
Concen: 44.977 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

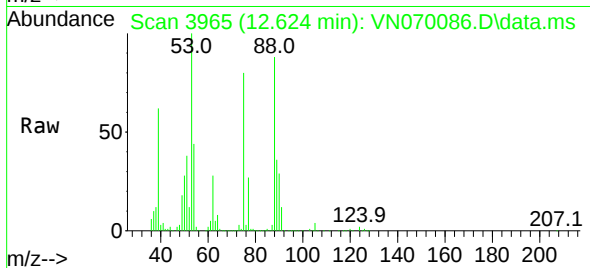
Tgt Ion:105 Resp: 2386893
Ion Ratio Lower Upper
105 100
120 46.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 39.648 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

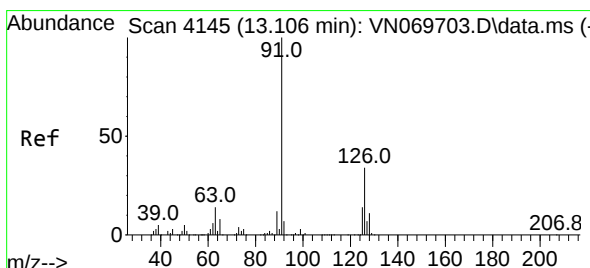
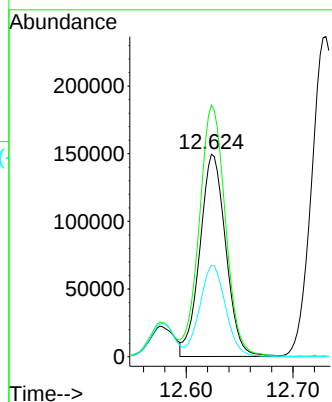
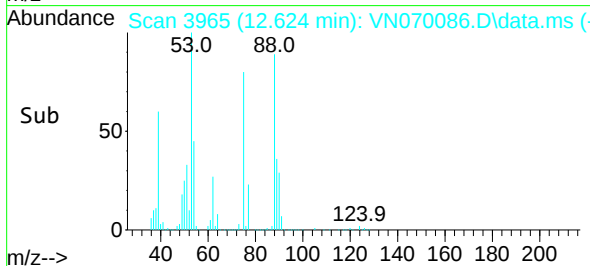
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 251508
Ion Ratio Lower Upper
75 100
53 125.4 90.5 135.7
89 45.5 38.2 57.4

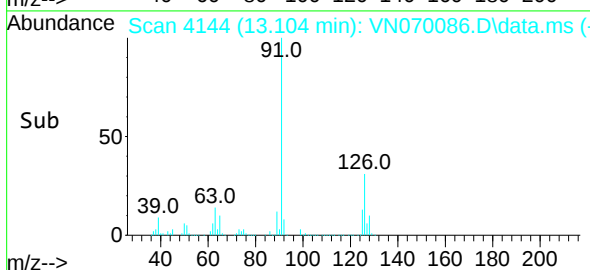
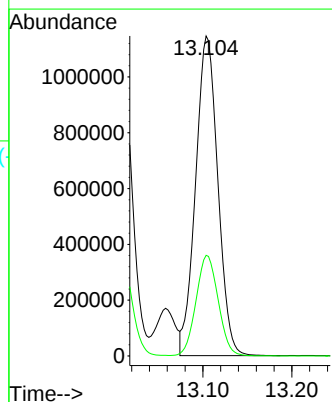
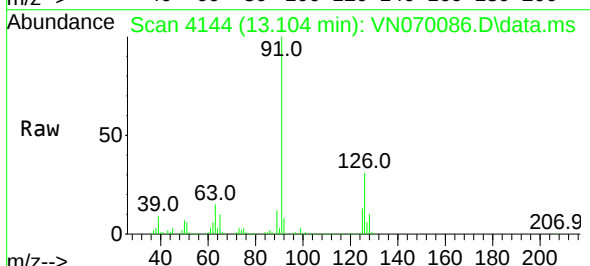
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#82
4-Chlorotoluene
Concen: 45.570 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

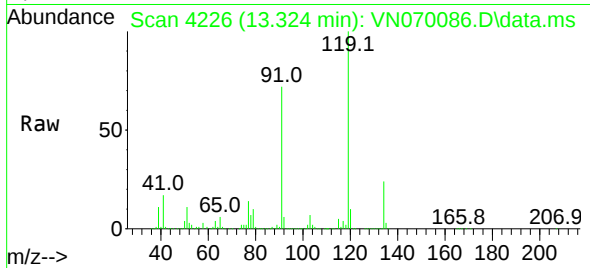
Tgt Ion: 91 Resp: 1986808
Ion Ratio Lower Upper
91 100
126 31.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 44.289 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

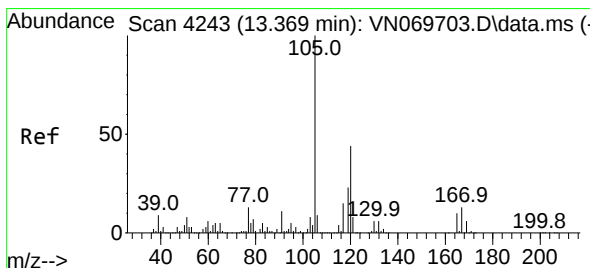
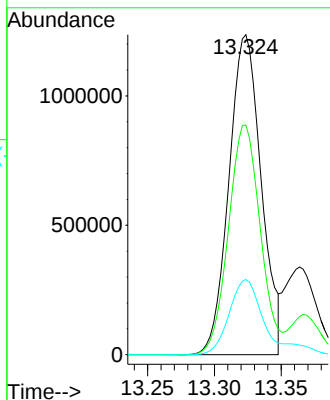
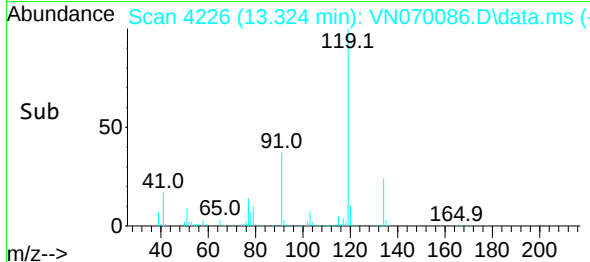
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



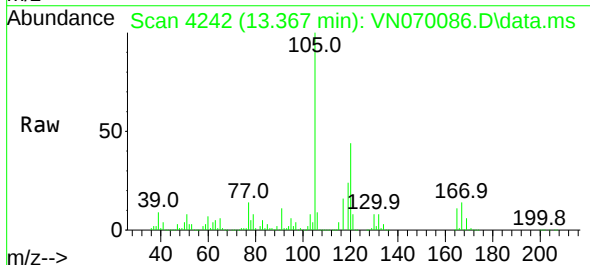
Tgt Ion:119 Resp: 2081179
Ion Ratio Lower Upper
119 100
91 71.0 31.5 94.5
134 26.1 12.4 37.4

Manual Integrations
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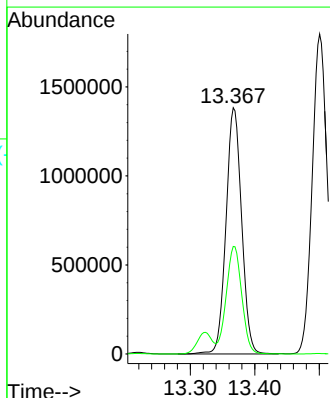
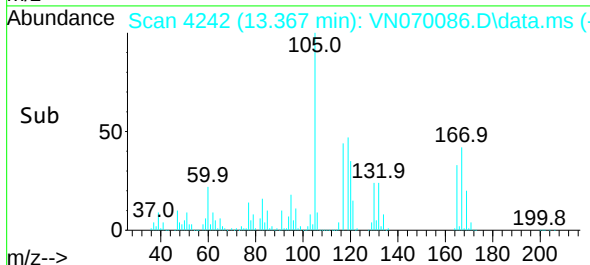
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

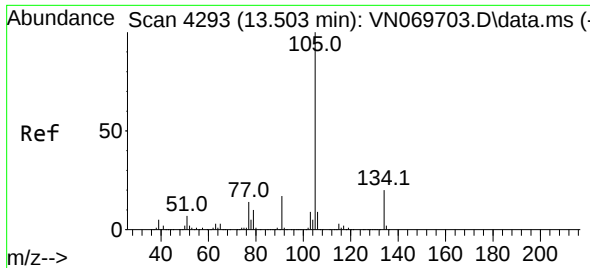


#84
1,2,4-Trimethylbenzene
Concen: 45.997 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48



Tgt Ion:105 Resp: 2324719
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4





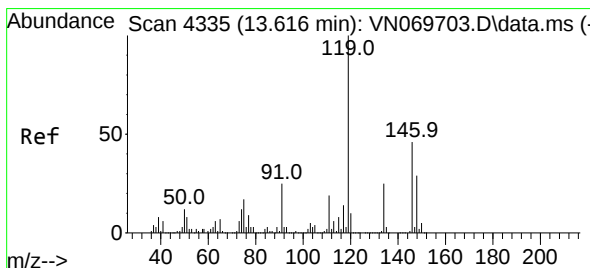
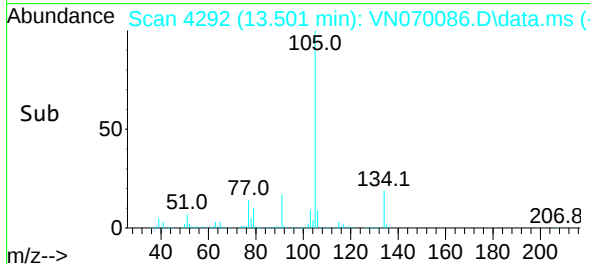
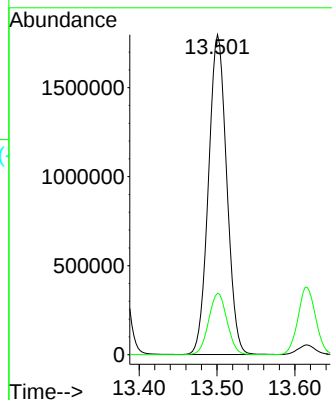
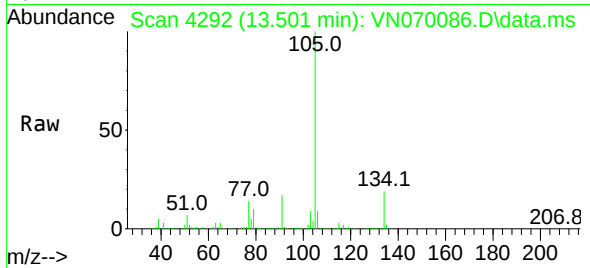
#85
 sec-Butylbenzene
 Concen: 45.885 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN070086.D
 Acq: 14 Dec 2021 21:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 292467
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

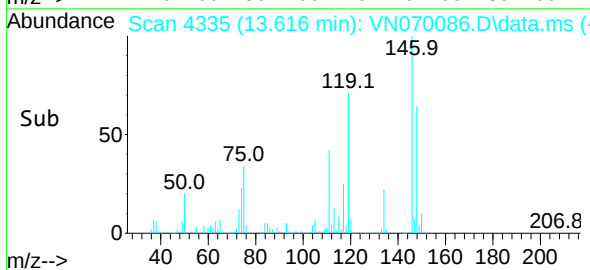
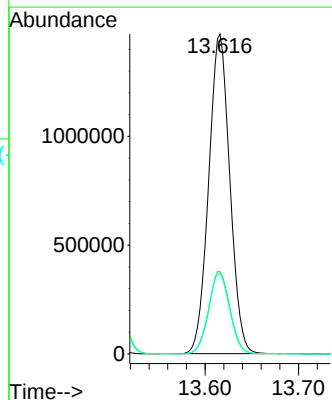
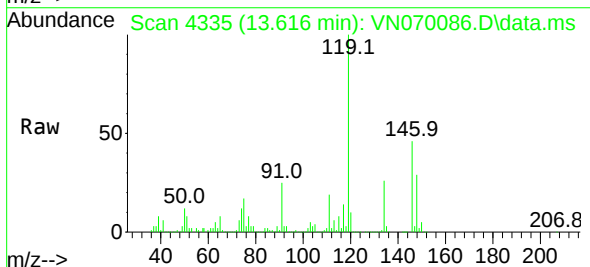
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#86
 p-Isopropyltoluene
 Concen: 46.301 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070086.D
 Acq: 14 Dec 2021 21:48

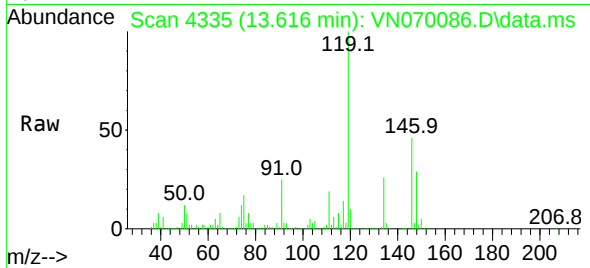
Tgt Ion:119 Resp: 2306825
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 45.045 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

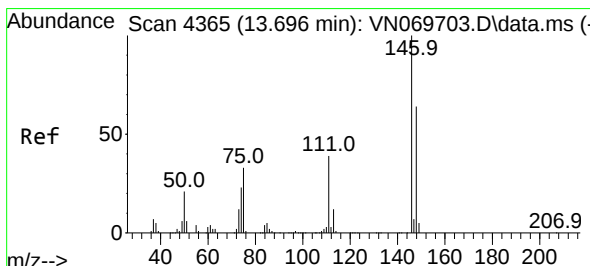
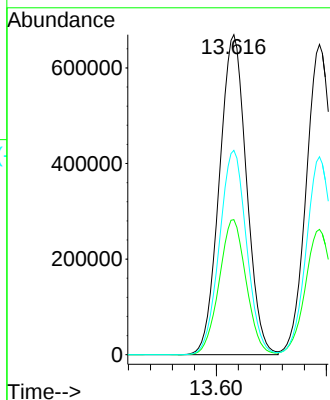
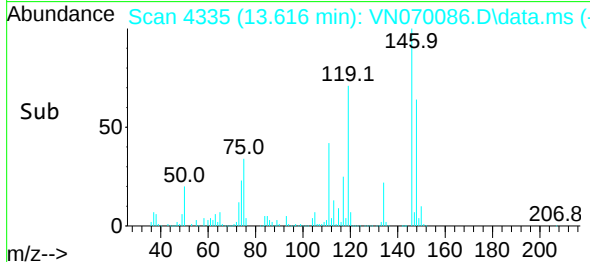
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



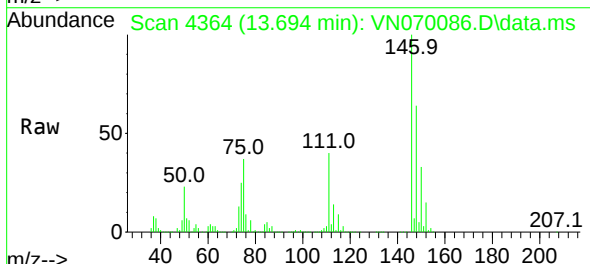
Tgt Ion:146 Resp: 1146050
Ion Ratio Lower Upper
146 100
111 42.0 18.6 55.6
148 64.0 31.6 95.0

Manual Integrations
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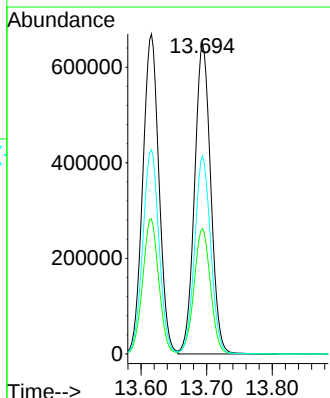
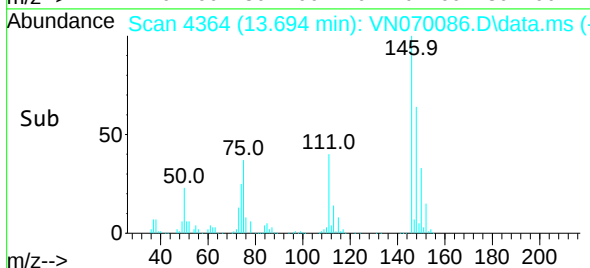
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

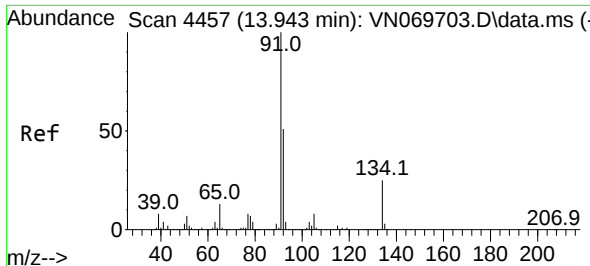


#88
1,4-Dichlorobenzene
Concen: 44.356 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48



Tgt Ion:146 Resp: 1109050
Ion Ratio Lower Upper
146 100
111 41.0 18.3 54.8
148 63.4 31.8 95.4





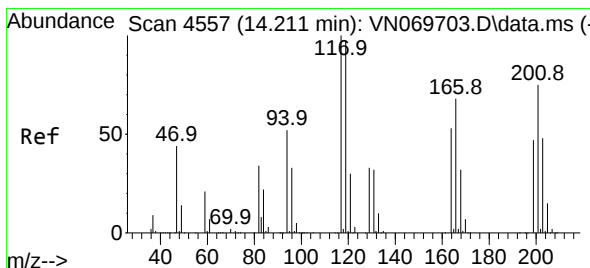
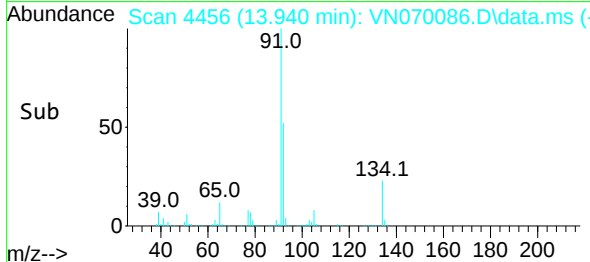
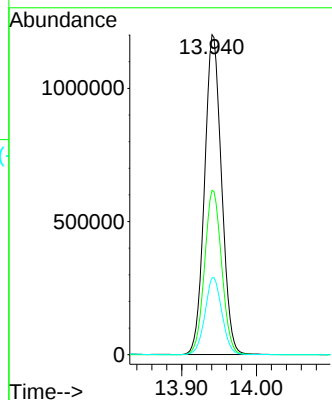
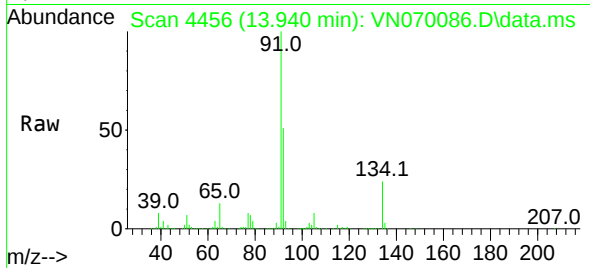
#89
n-Butylbenzene
Concen: 47.013 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1900040
Ion Ratio Lower Upper
91 100
92 51.8 25.4 76.0
134 24.1 13.6 40.8

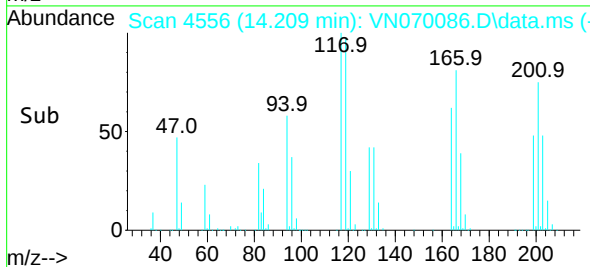
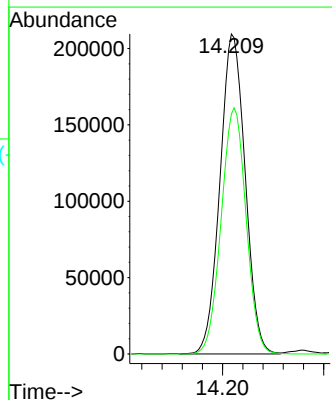
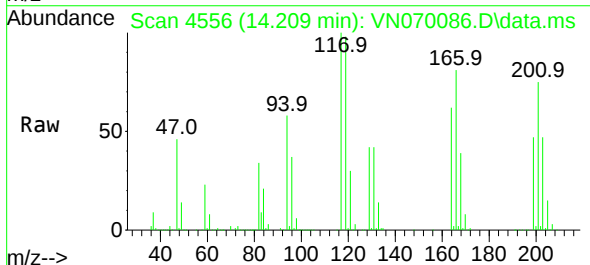
Manual Integrations
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Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#90
Hexachloroethane
Concen: 41.456 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

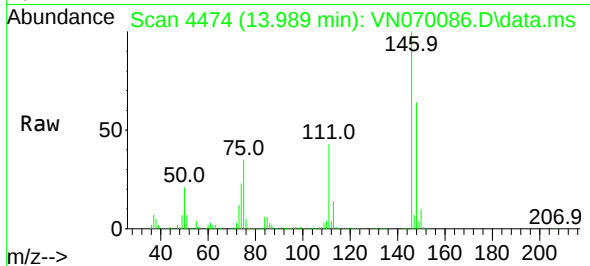
Tgt Ion:117 Resp: 362623
Ion Ratio Lower Upper
117 100
201 76.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 44.579 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

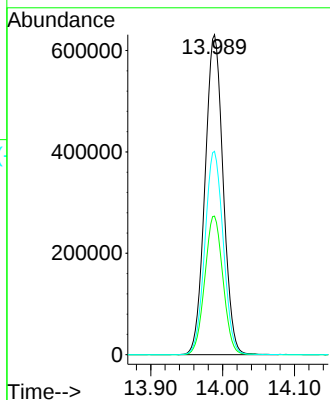
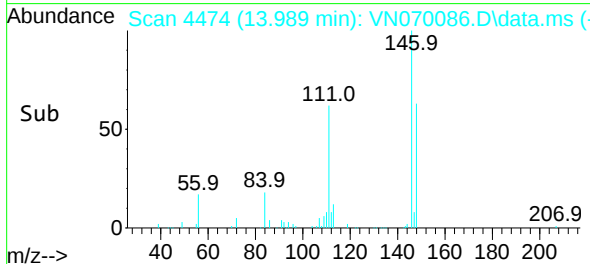
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 1105104
Ion Ratio Lower Upper
146 100
111 43.5 19.1 57.3
148 64.4 32.1 96.3

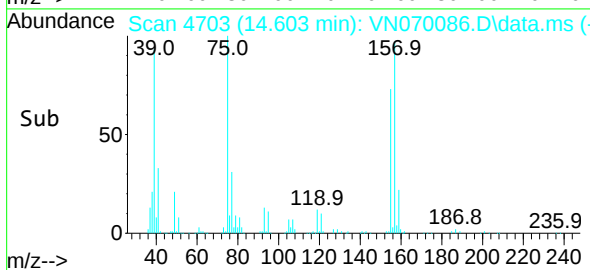
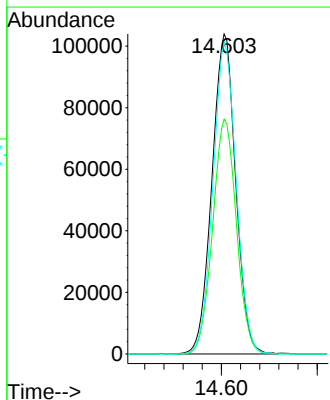
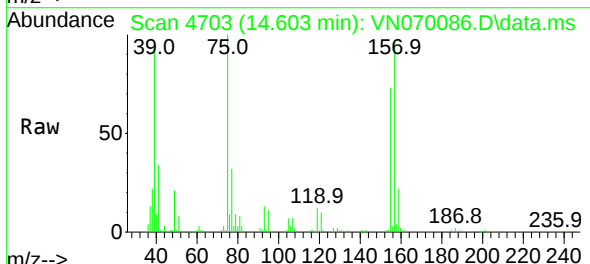
Manual Integrations
APPROVED

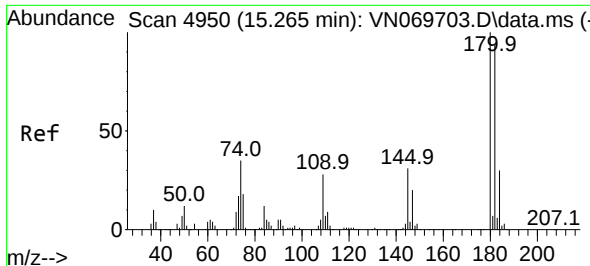
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.301 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

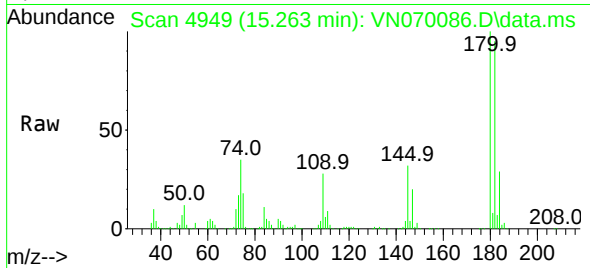
Tgt Ion: 75 Resp: 178400
Ion Ratio Lower Upper
75 100
155 73.6 46.9 140.7
157 95.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 43.025 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

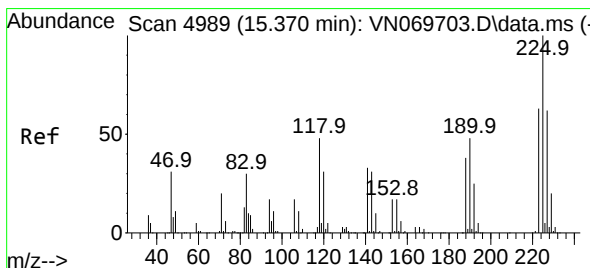
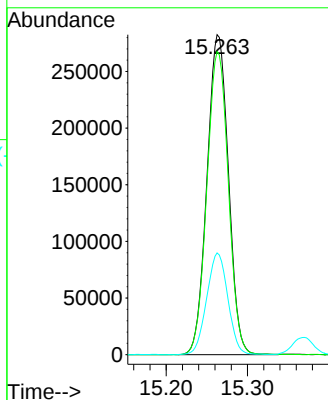
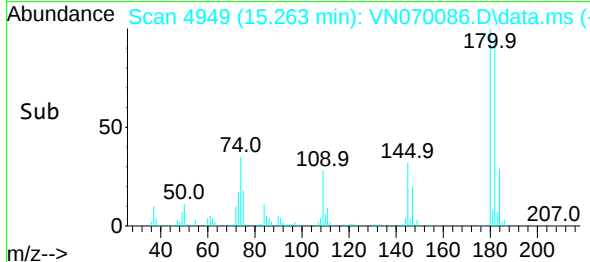
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 51794
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.9
145 31.4 14.5 43.5

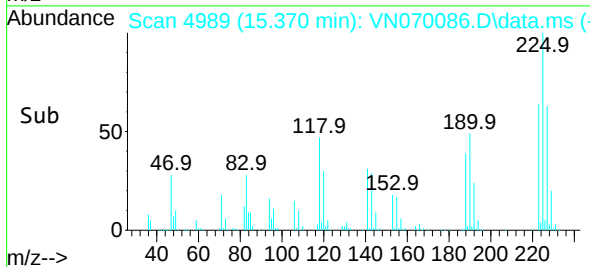
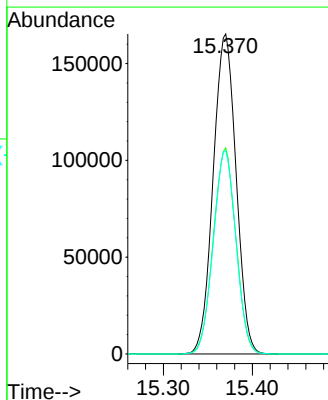
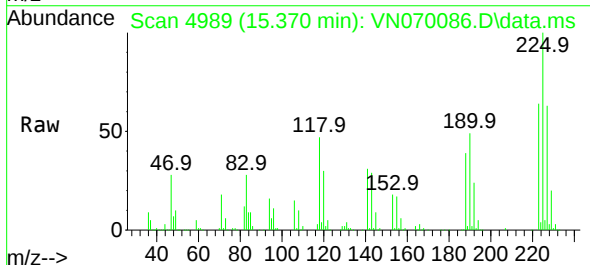
Manual Integrations
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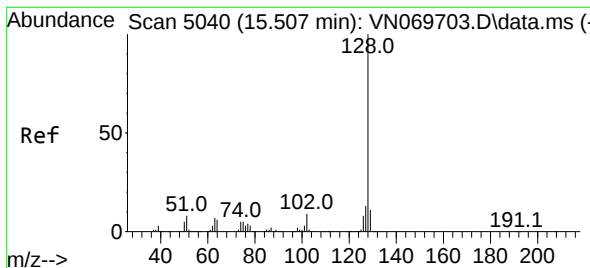
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#94
Hexachlorobutadiene
Concen: 45.076 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

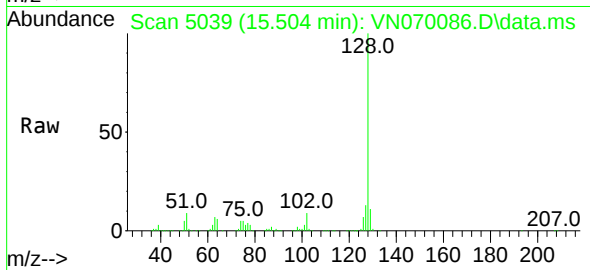
Tgt Ion:225 Resp: 296142
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.7
227 62.9 32.1 96.3





#95
Naphthalene
Concen: 41.666 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

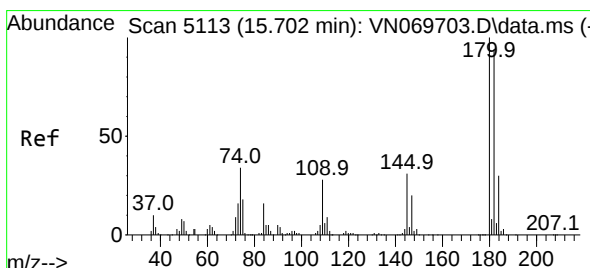
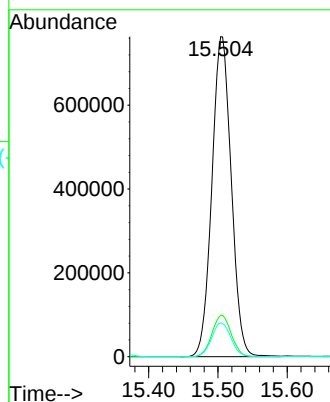
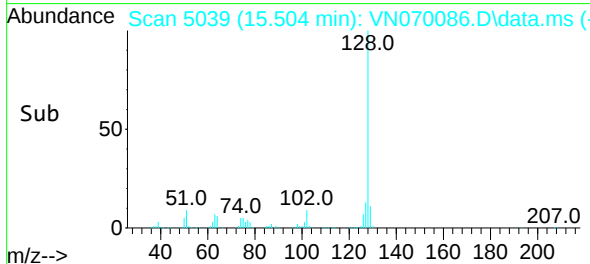
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 148284
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#96
1,2,3-Trichlorobenzene
Concen: 43.449 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070086.D
Acq: 14 Dec 2021 21:48

Tgt Ion:180 Resp: 510868
Ion Ratio Lower Upper
180 100
182 96.3 47.4 142.2
145 33.0 15.0 45.1

