

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070893.D
 Acq On : 2 Feb 2022 14:37
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 02 15:20:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:12:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	831747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1383536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1307168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	569003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	1034134	86.754	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 173.500%#			
35) Dibromofluoromethane	8.019	113	766605	89.326	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 178.660%#			
50) Toluene-d8	10.440	98	3140469	86.863	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 173.720%#			
62) 4-Bromofluorobenzene	12.731	95	1207180	93.701	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 187.400%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	885515	92.133	ug/l	100
3) Chloromethane	2.301	50	1149685	81.835	ug/l	99
4) Vinyl Chloride	2.443	62	919140	68.787	ug/l	99
5) Bromomethane	2.818	94	508855	73.118	ug/l	99
6) Chloroethane	2.995	64	421722	50.575	ug/l	98
7) Trichlorofluoromethane	3.363	101	1022303	66.973	ug/l	97
8) Diethyl Ether	3.819	74	604523	90.661	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.202	101	784949	85.083	ug/l	96
10) Methyl Iodide	4.411	142	1210076	101.716	ug/l	97
11) Tert butyl alcohol	5.388	59	1189022	552.887	ug/l	98
12) 1,1-Dichloroethene	4.173	96	805015	87.488	ug/l	93
13) Acrolein	4.036	56	1255019	406.903	ug/l	100
14) Allyl chloride	4.832	41	1880118	93.778	ug/l #	84
15) Acrylonitrile	5.551	53	3245966	474.460	ug/l	99
16) Acetone	4.285	43	3061853	370.079	ug/l	97
17) Carbon Disulfide	4.521	76	2470198	98.847	ug/l	99
18) Methyl Acetate	4.851	43	1480417	90.985	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	3094606	94.144	ug/l	95
20) Methylene Chloride	5.090	84	950788	87.243	ug/l	89
21) trans-1,2-Dichloroethene	5.591	96	857004	92.541	ug/l	89
22) Diisopropyl ether	6.495	45	3507347	88.261	ug/l	92
23) Vinyl Acetate	6.431	43	15928569	472.862	ug/l	96
24) 1,1-Dichloroethane	6.383	63	1772865	89.189	ug/l	98
25) 2-Butanone	7.335	43	4724869	453.838	ug/l	93
26) 2,2-Dichloropropane	7.324	77	1401420	91.956	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	1009601	91.773	ug/l	88
28) Bromochloromethane	7.657	49	778999	87.287	ug/l #	79
29) Tetrahydrofuran	7.683	42	3073640	482.165	ug/l	89
30) Chloroform	7.818	83	1654382	74.129	ug/l	100
31) Cyclohexane	8.094	56	1758036	83.754	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	1442474	93.492	ug/l	98
36) 1,1-Dichloropropene	8.220	75	1296072	89.707	ug/l	97
37) Ethyl Acetate	7.413	43	1777883	92.689	ug/l	99
38) Carbon Tetrachloride	8.204	117	1204251	93.694	ug/l	98
39) Methylcyclohexane	9.459	83	1649325	92.470	ug/l	90
40) Benzene	8.459	78	3946754	88.162	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	916792	93.948	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	1355761	87.341	ug/l	100
43) Isopropyl Acetate	8.560	43	2849119	97.248	ug/l	95
44) Trichloroethene	9.215	130	938454	92.470	ug/l	93
45) 1,2-Dichloropropane	9.488	63	1082091	88.840	ug/l	99
46) Dibromomethane	9.577	93	648856	91.617	ug/l	96
47) Bromodichloromethane	9.762	83	1333262	92.094	ug/l	99
48) Methyl methacrylate	9.558	41	1390202	99.605	ug/l #	79
49) 1,4-Dioxane	9.569	88	454450	2167.654	ug/l #	84
51) 4-Methyl-2-Pentanone	10.331	43	9115898	487.626	ug/l	99
52) Toluene	10.505	92	2424895	90.554	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	1560589	100.471	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1678091	96.654	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	948891	90.200	ug/l	98
56) Ethyl methacrylate	10.760	69	1776565	100.456	ug/l	89
57) 1,3-Dichloropropane	11.044	76	1685082	90.483	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	2341351	560.719	ug/l	91
59) 2-Hexanone	11.084	43	6816809	501.949	ug/l	98
60) Dibromochloromethane	11.237	129	988423	100.730	ug/l	100
61) 1,2-Dibromoethane	11.344	107	1000383	94.715	ug/l	99
64) Tetrachloroethene	10.977	164	784399	81.843	ug/l	96
65) Chlorobenzene	11.768	112	2543501	89.809	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	914865	93.807	ug/l	99
67) Ethyl Benzene	11.843	91	4792154	91.265	ug/l	97
68) m/p-Xylenes	11.950	106	3567150	186.744	ug/l	95
69) o-Xylene	12.278	106	1779446	93.870	ug/l	93
70) Styrene	12.291	104	3005469	99.105	ug/l	97
71) Bromoform	12.457	173	793427	107.703	ug/l #	99
73) Isopropylbenzene	12.578	105	4610108	85.641	ug/l	98
74) N-amyl acetate	12.388	43	2187561	99.392	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	1515393	83.356	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	1262329m	83.645	ug/l	
77) Bromobenzene	12.860	156	1089334	90.257	ug/l	79
78) n-propylbenzene	12.919	91	5432299	90.236	ug/l	97
79) 2-Chlorotoluene	13.007	91	3286501	86.301	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	3821898	87.796	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	520076	102.667	ug/l	89
82) 4-Chlorotoluene	13.104	91	3224118	90.614	ug/l	92
83) tert-Butylbenzene	13.321	119	3339919	88.140	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	3748533	89.584	ug/l	97
85) sec-Butylbenzene	13.501	105	4775638	92.702	ug/l	97
86) p-Isopropyltoluene	13.613	119	3811683	94.188	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1849169	92.104	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1811488	90.664	ug/l	98
89) n-Butylbenzene	13.940	91	3353867	100.459	ug/l	97
90) Hexachloroethane	14.209	117	682554	96.487	ug/l	96
91) 1,2-Dichlorobenzene	13.989	146	1741013	87.770	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	309942	100.506	ug/l	85
93) 1,2,4-Trichlorobenzene	15.263	180	1004096	113.975	ug/l	99
94) Hexachlorobutadiene	15.367	225	553244	94.172	ug/l	99
95) Naphthalene	15.504	128	2900703	127.403	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	966454	115.085	ug/l	99

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MSVOA_N
ClientSampleId :
VSTDICC100

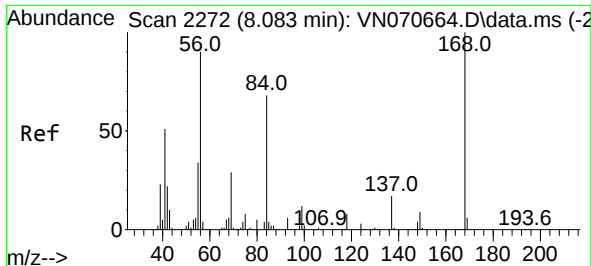
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/04/2022

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Quant Title : SW846 8260
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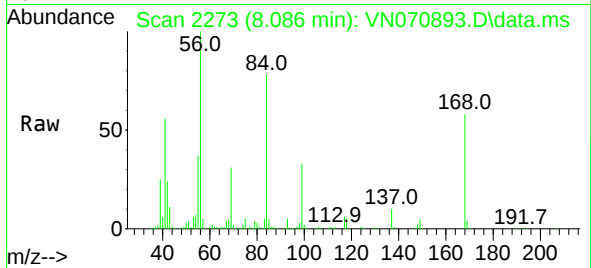
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070893.D
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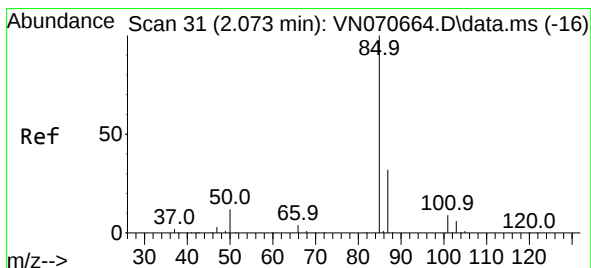
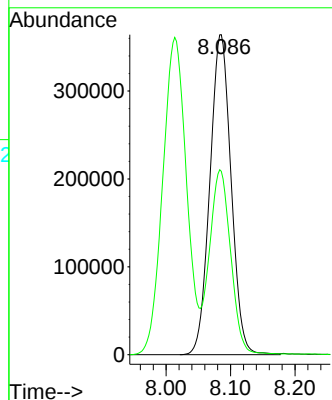
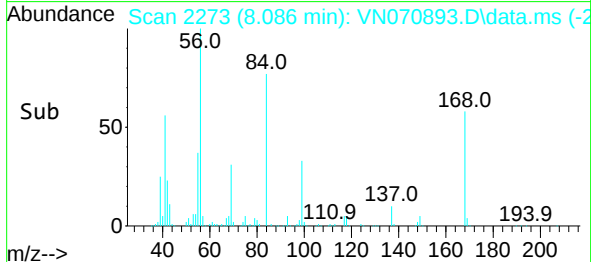
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 83174
Ion Ratio Lower Upper
168 100
99 57.1 41.3 61.9

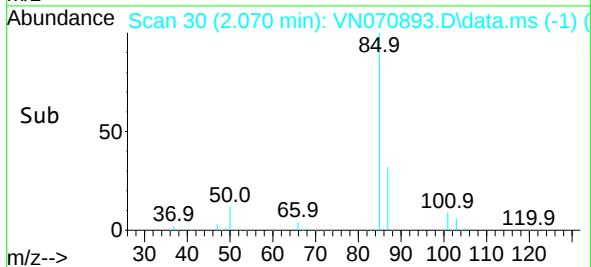
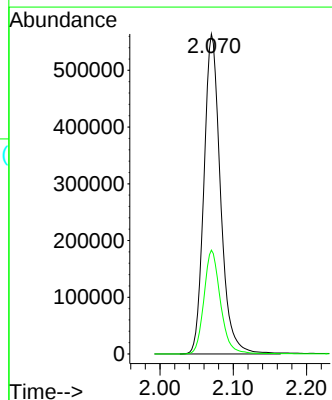
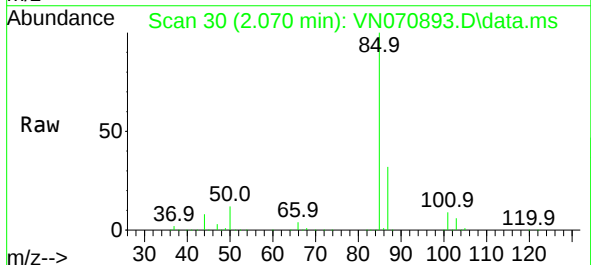
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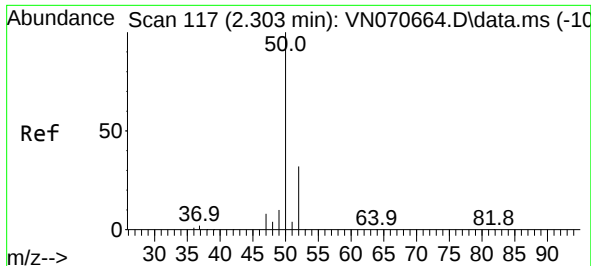
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#2
Dichlorodifluoromethane
Concen: 92.133 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

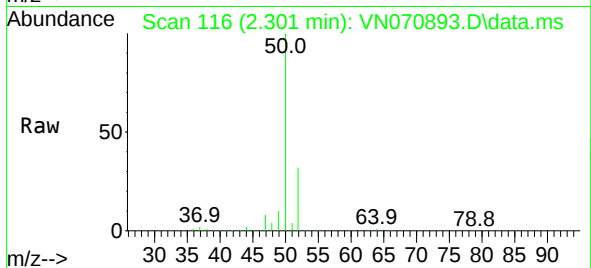
Tgt Ion: 85 Resp: 885515
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





#3
Chloromethane
Concen: 81.835 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

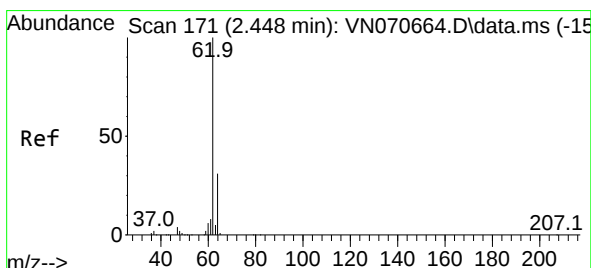
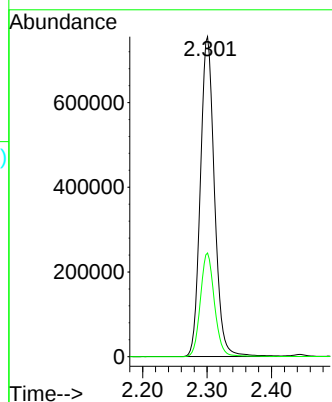
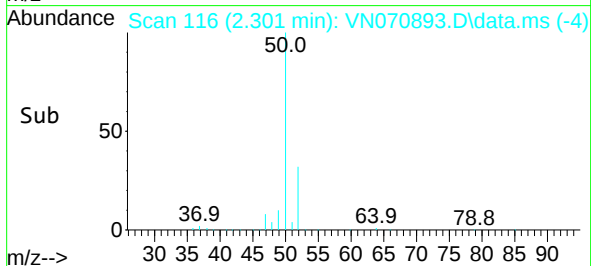
Instrument :
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VSTDIC100



Tgt Ion: 50 Resp: 114968
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.0

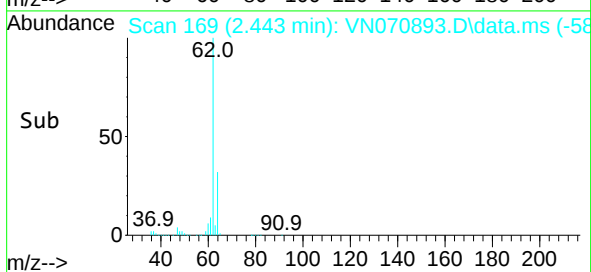
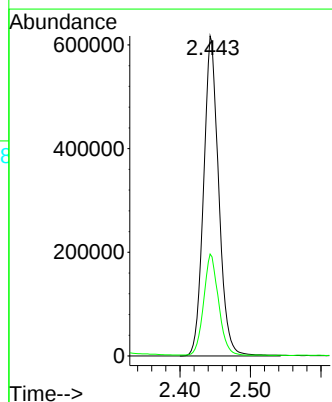
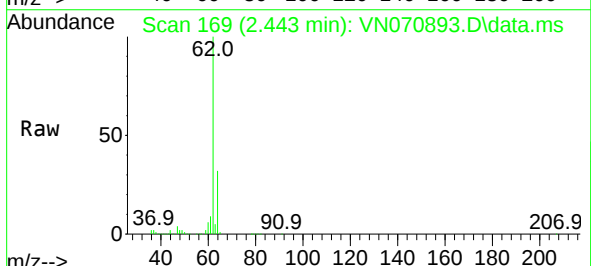
Manual Integrations
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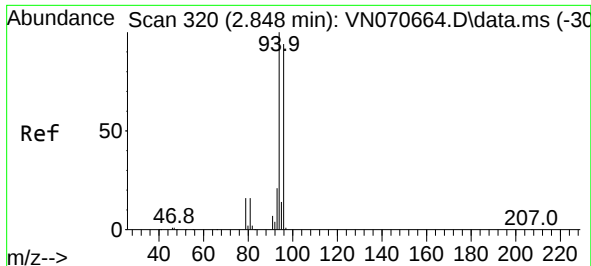
Reviewed By :John Carlone 02/03/2022
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#4
Vinyl Chloride
Concen: 68.787 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

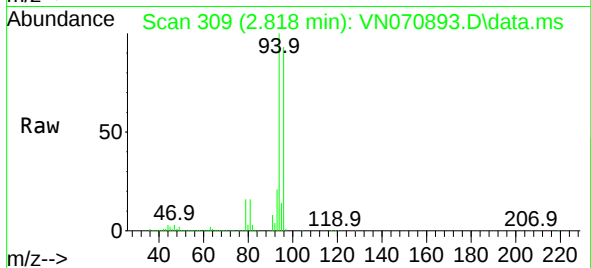
Tgt Ion: 62 Resp: 919140
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5
Bromomethane
Concen: 73.118 ug/l
RT: 2.818 min Scan# 309
Delta R.T. -0.013 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

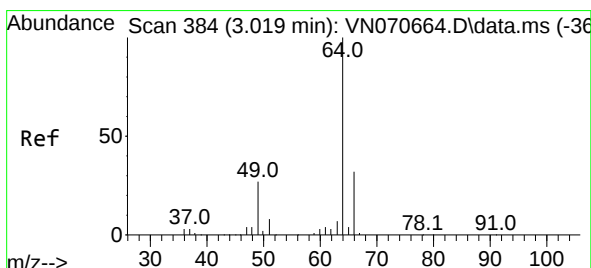
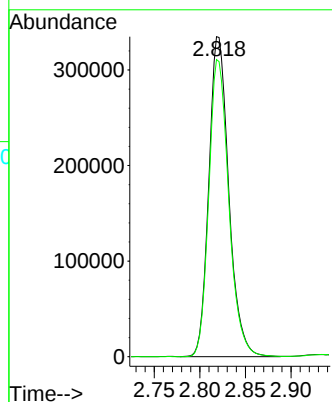
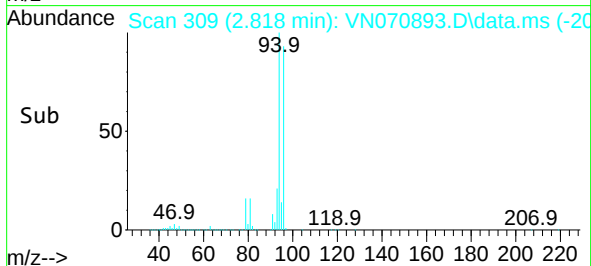
Instrument :
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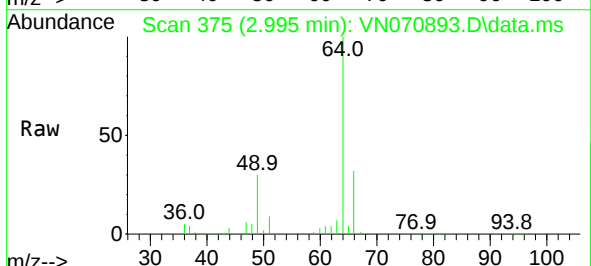
Tgt Ion: 94 Resp: 50885
Ion Ratio Lower Upper
94 100
96 92.9 73.8 110.8

Manual Integrations
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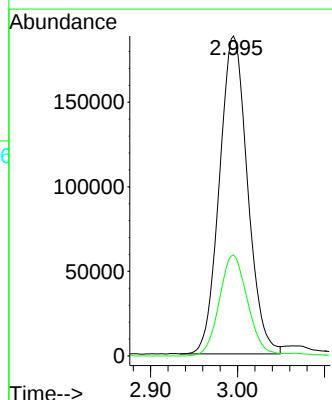
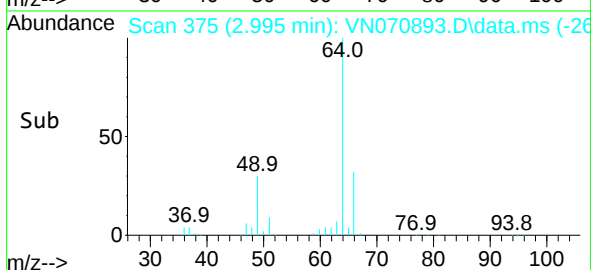
Reviewed By :John Carlone 02/03/2022
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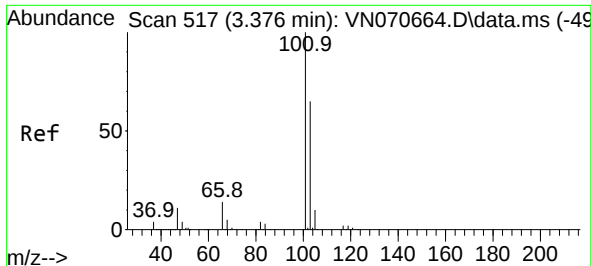


#6
Chloroethane
Concen: 50.575 ug/l
RT: 2.995 min Scan# 375
Delta R.T. -0.013 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



Tgt Ion: 64 Resp: 421722
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





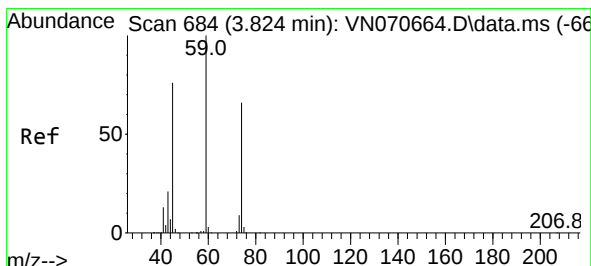
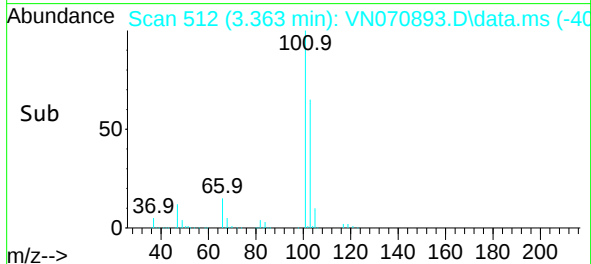
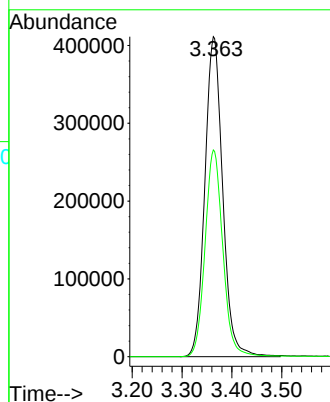
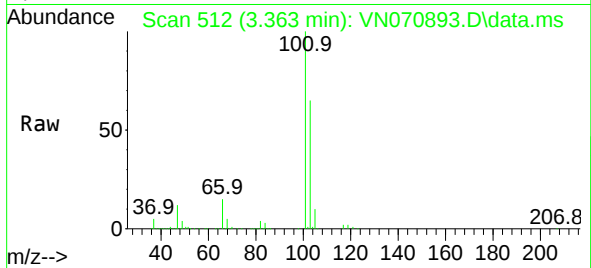
#7
Trichlorofluoromethane
Concen: 66.973 ug/l
RT: 3.363 min Scan# 517
Delta R.T. -0.008 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 102230
Ion Ratio Lower Upper
101 100
103 64.6 50.1 75.1

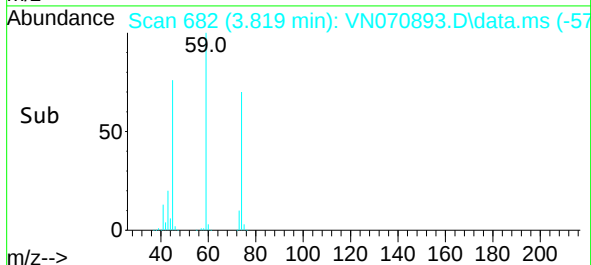
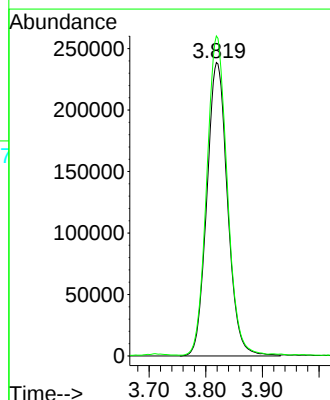
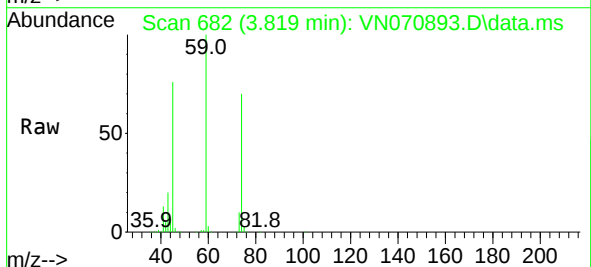
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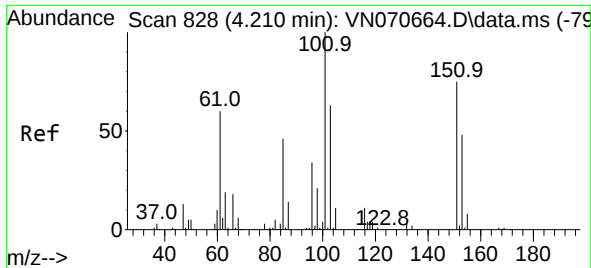
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#8
Diethyl Ether
Concen: 90.661 ug/l
RT: 3.819 min Scan# 682
Delta R.T. -0.003 min
Lab File: VN070893.D
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Tgt Ion: 74 Resp: 604523
Ion Ratio Lower Upper
74 100
45 107.8 47.0 141.2





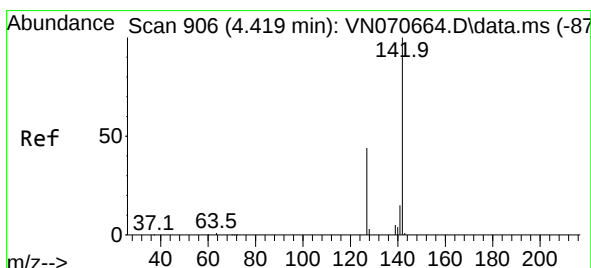
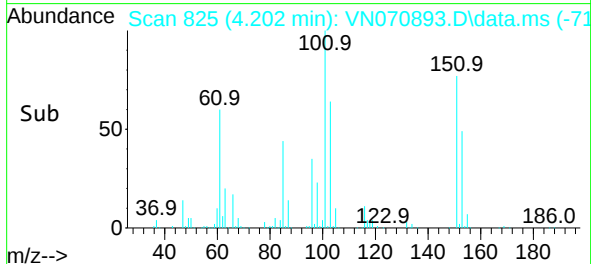
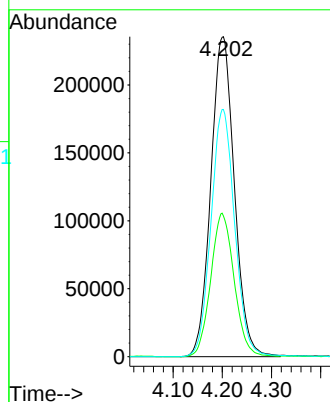
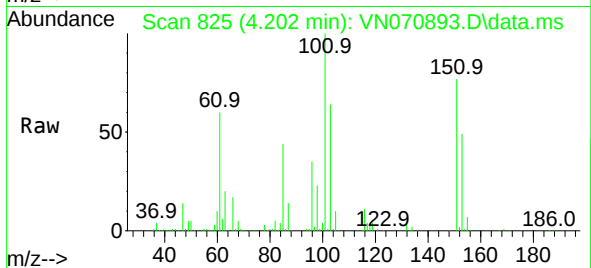
#9
1,1,2-Trichlorotrifluoroethane
Concen: 85.083 ug/l
RT: 4.202 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 784949
Ion Ratio Lower Upper
101 100
85 44.5 37.2 55.8
151 78.0 65.9 98.9

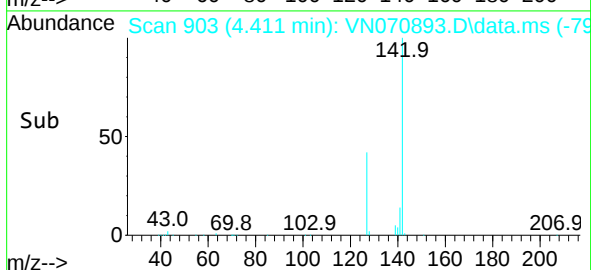
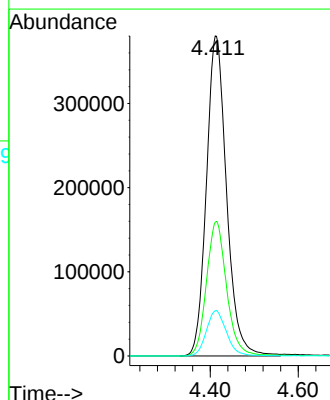
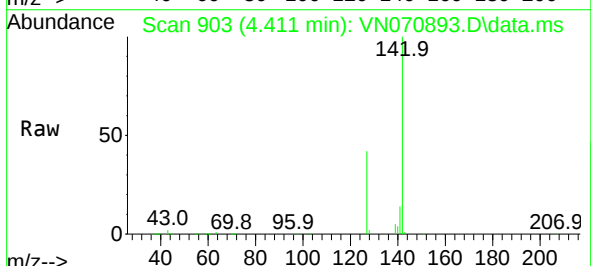
Manual Integrations
APPROVED

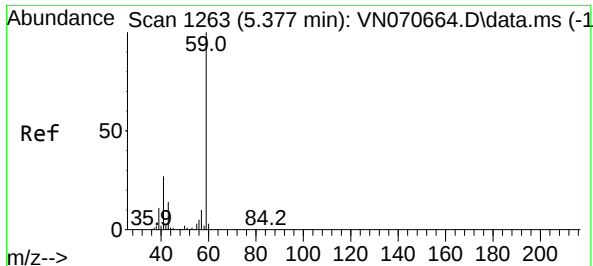
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#10
Methyl Iodide
Concen: 101.716 ug/l
RT: 4.411 min Scan# 903
Delta R.T. -0.005 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

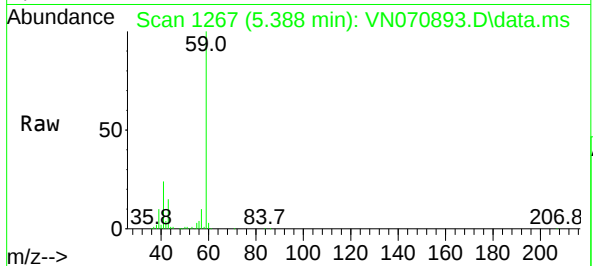
Tgt Ion:142 Resp: 1210076
Ion Ratio Lower Upper
142 100
127 42.0 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 552.887 ug/l
RT: 5.388 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

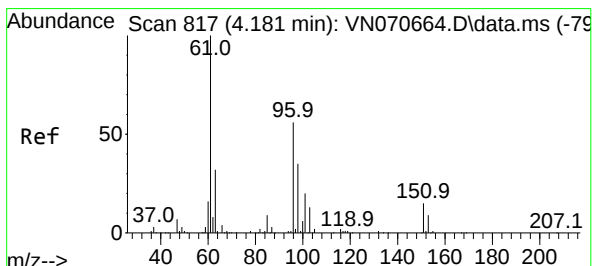
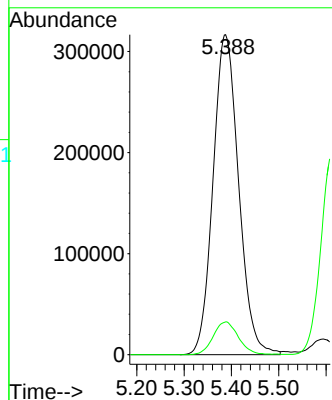
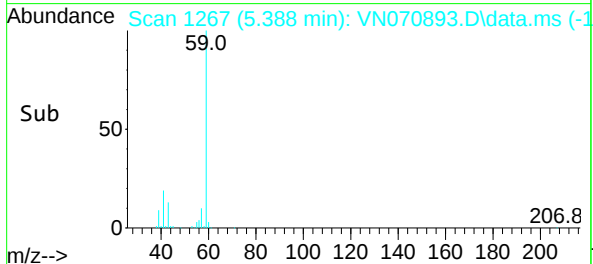
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



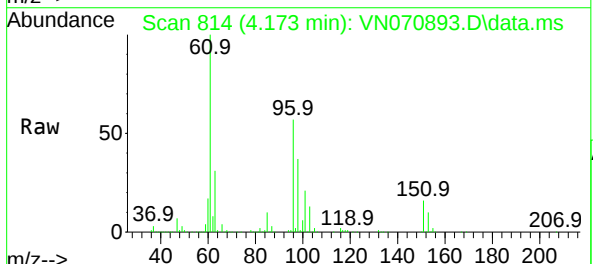
Tgt Ion: 59 Resp: 118902
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

Manual Integrations
APPROVED

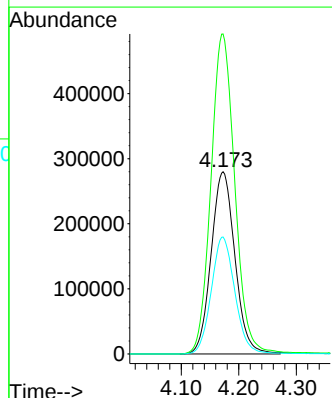
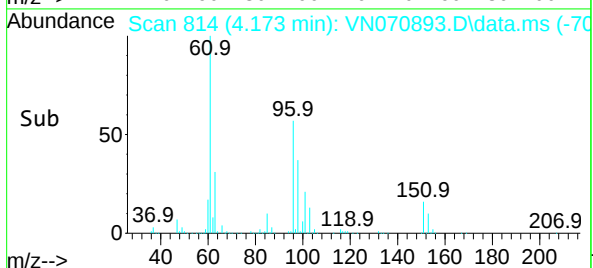
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

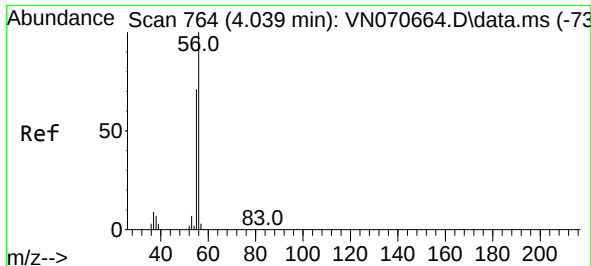


#12
1,1-Dichloroethene
Concen: 87.488 ug/l
RT: 4.173 min Scan# 814
Delta R.T. -0.003 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



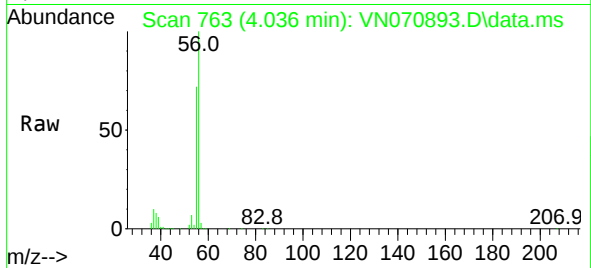
Tgt Ion: 96 Resp: 805015
Ion Ratio Lower Upper
96 100
61 175.6 131.0 196.6
98 64.1 52.4 78.6





#13
Acrolein
Concen: 406.903 ug/l
RT: 4.036 min Scan# 70
Delta R.T. -0.003 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

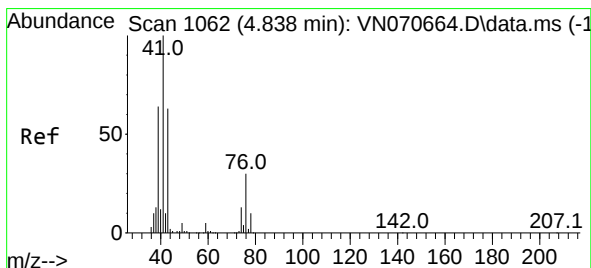
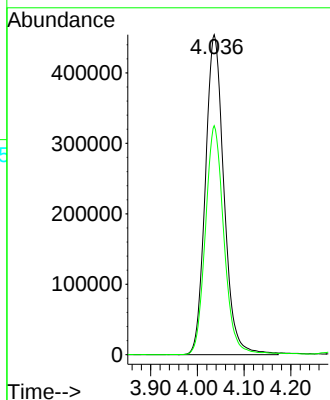
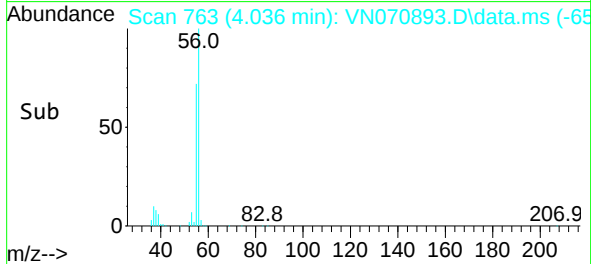
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



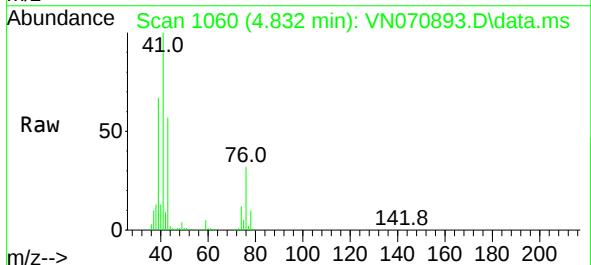
Tgt Ion: 56 Resp: 1255019
Ion Ratio Lower Upper
56 100
55 70.8 56.6 85.0

Manual Integrations
APPROVED

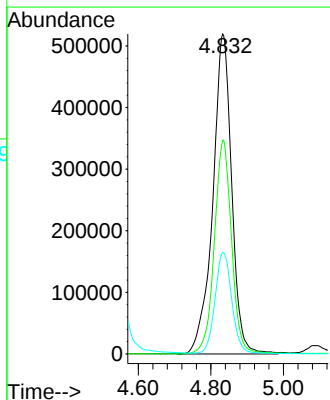
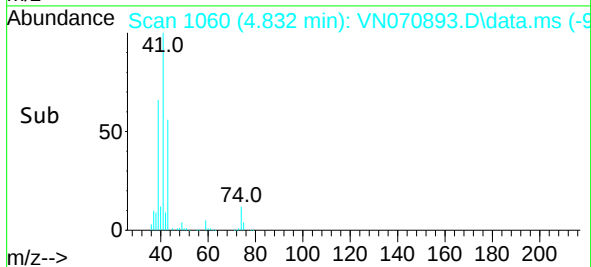
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#14
Allyl chloride
Concen: 93.778 ug/l
RT: 4.832 min Scan# 1060
Delta R.T. -0.005 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



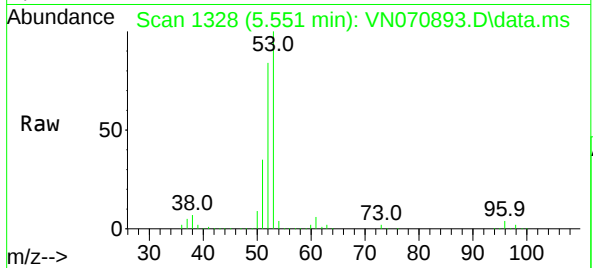
Tgt Ion: 41 Resp: 1880118
Ion Ratio Lower Upper
41 100
39 60.6 61.2 91.8#
76 27.6 26.0 39.0





#15
Acrylonitrile
Concen: 474.460 ug/l
RT: 5.551 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

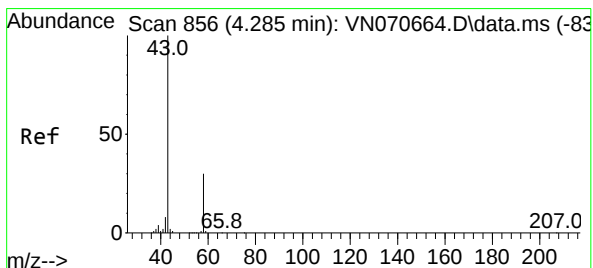
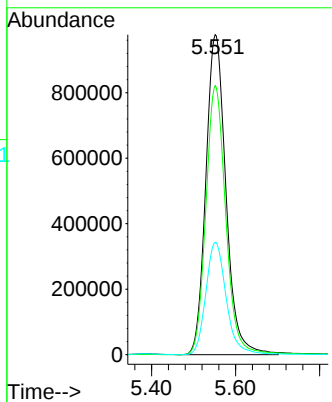
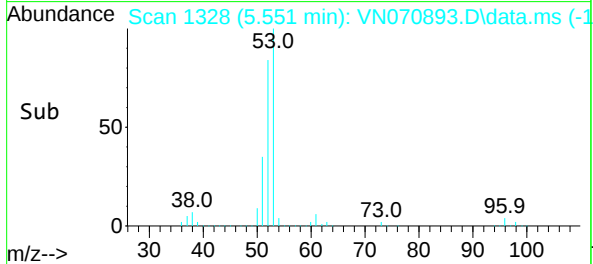
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 324596
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.2
51 35.7 29.6 44.4

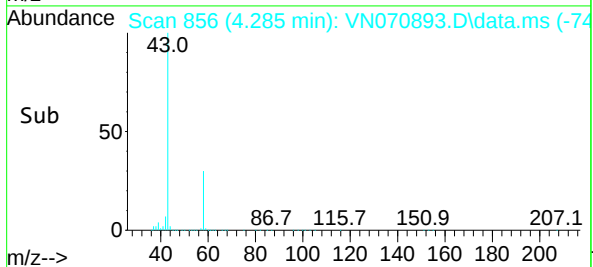
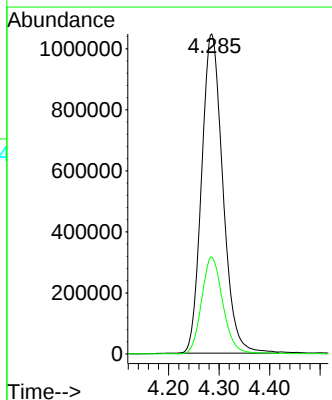
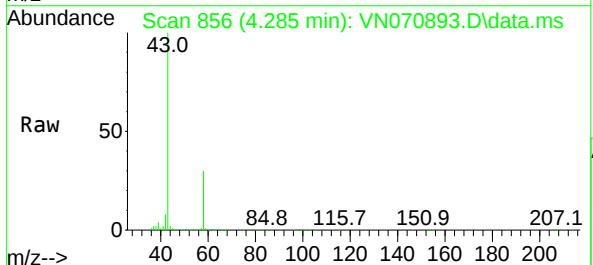
Manual Integrations
APPROVED

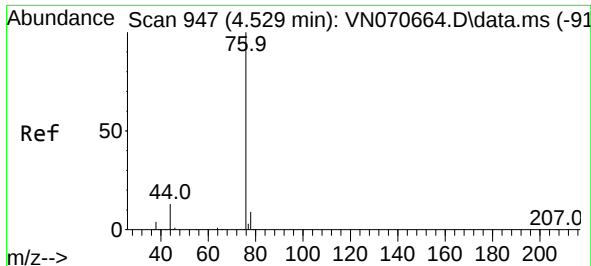
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#16
Acetone
Concen: 370.079 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

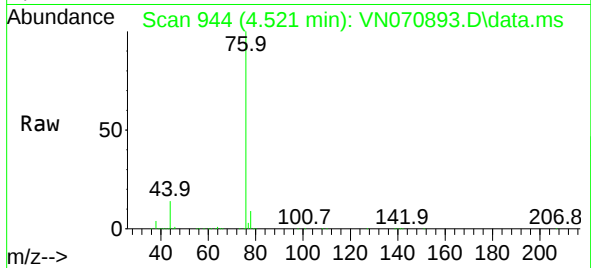
Tgt Ion: 43 Resp: 3061853
Ion Ratio Lower Upper
43 100
58 30.3 23.1 34.7





#17
Carbon Disulfide
Concen: 98.847 ug/l
RT: 4.521 min Scan# 947
Delta R.T. -0.003 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

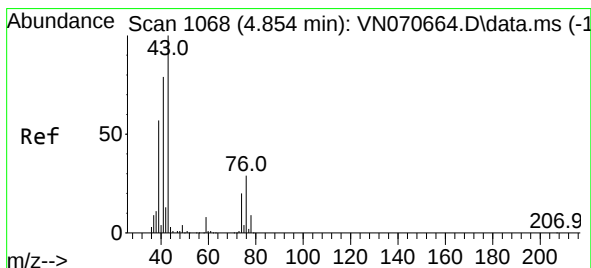
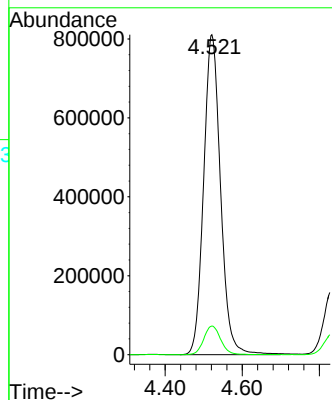
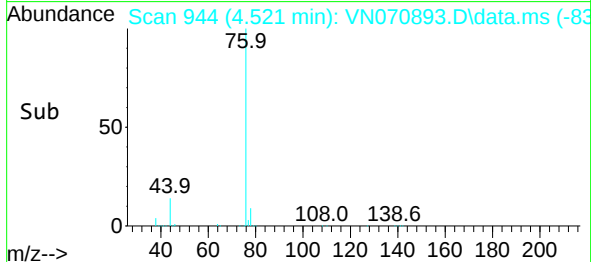
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



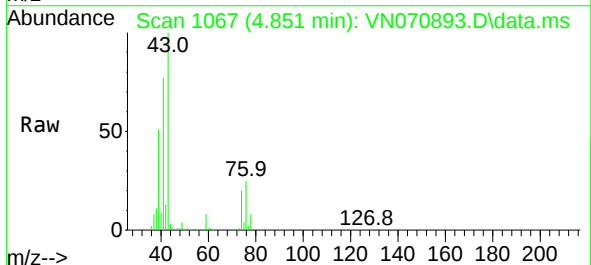
Tgt Ion: 76 Resp: 2470198
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
APPROVED

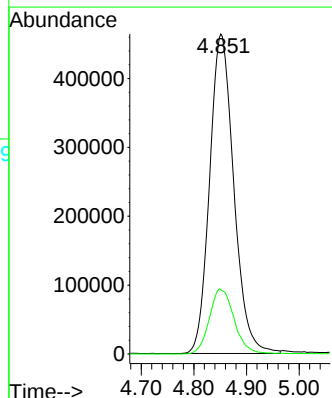
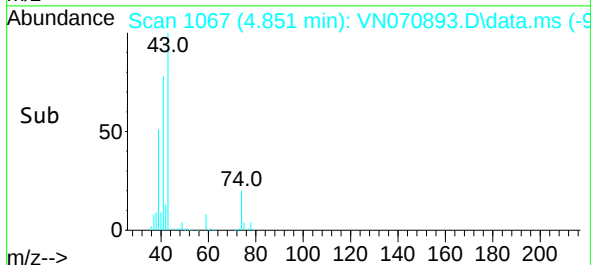
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

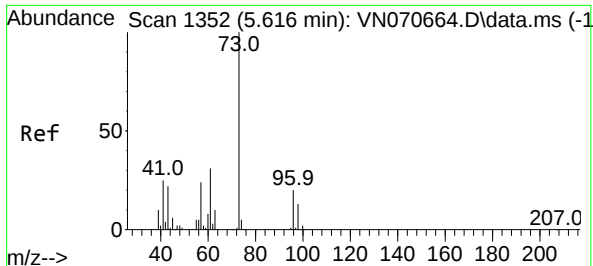


#18
Methyl Acetate
Concen: 90.985 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.003 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



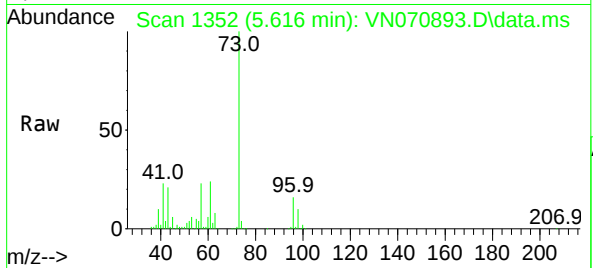
Tgt Ion: 43 Resp: 1480417
Ion Ratio Lower Upper
43 100
74 20.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 94.144 ug/l
RT: 5.616 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

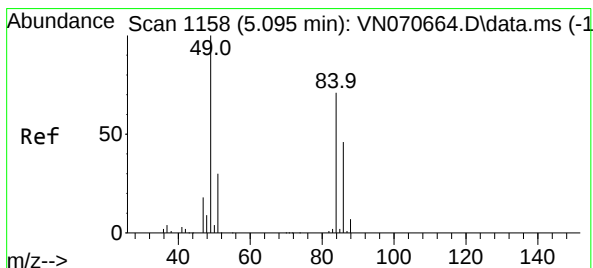
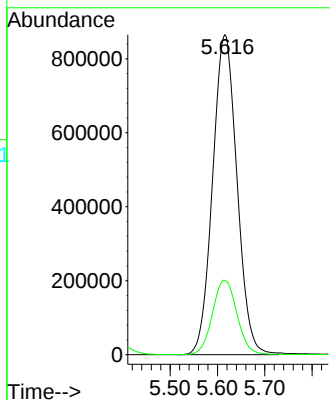
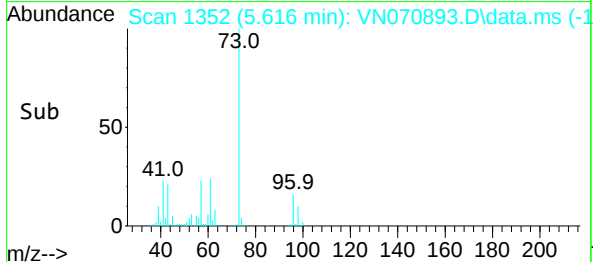
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 73 Resp: 309460
Ion Ratio Lower Upper
73 100
57 23.2 16.8 25.2

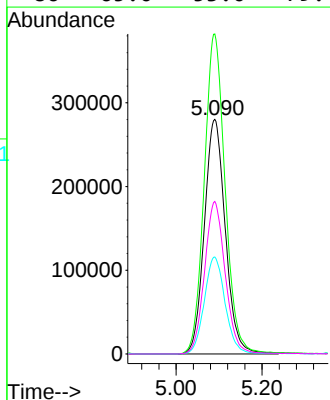
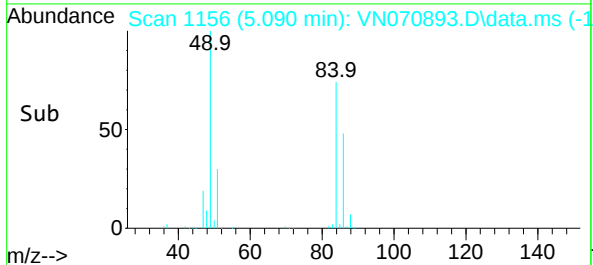
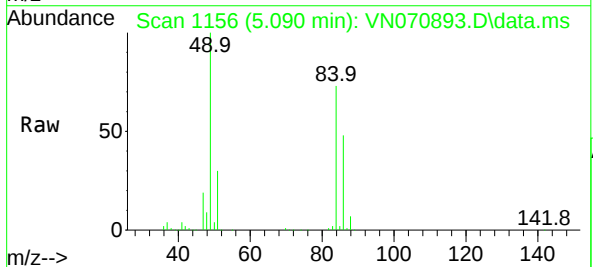
Manual Integrations
APPROVED

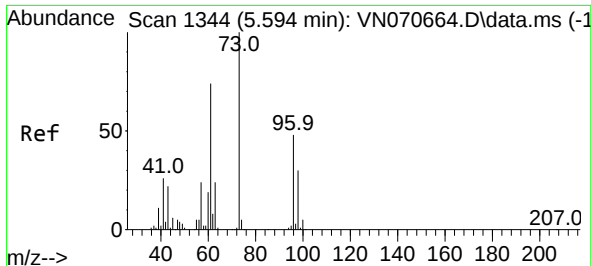
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#20
Methylene Chloride
Concen: 87.243 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

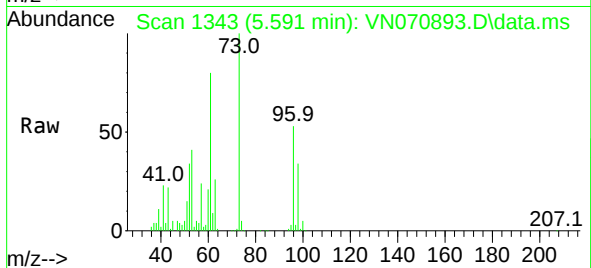
Tgt Ion: 84 Resp: 950788
Ion Ratio Lower Upper
84 100
49 136.4 93.5 140.3
51 41.3 29.4 44.2
86 65.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 92.541 ug/l
RT: 5.591 min Scan# 1344
Delta R.T. -0.003 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

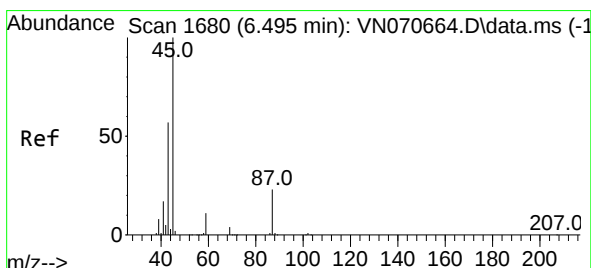
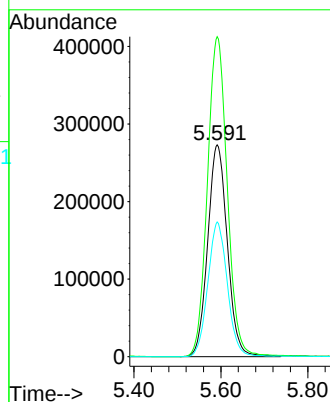
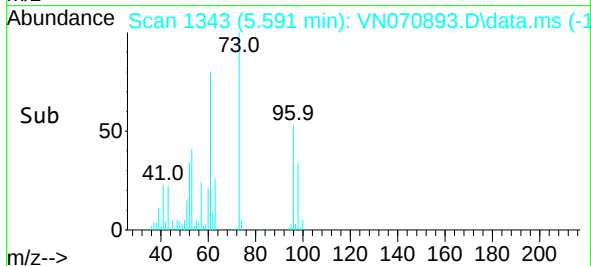
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 857004
Ion Ratio Lower Upper
96 100
61 151.1 105.8 158.6
98 63.6 52.0 78.0

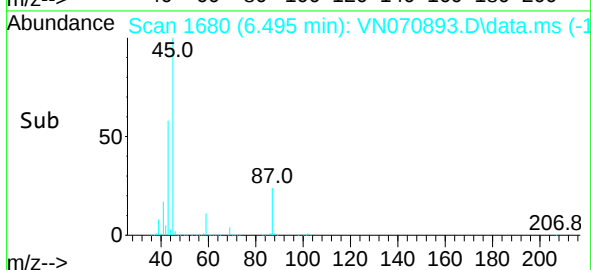
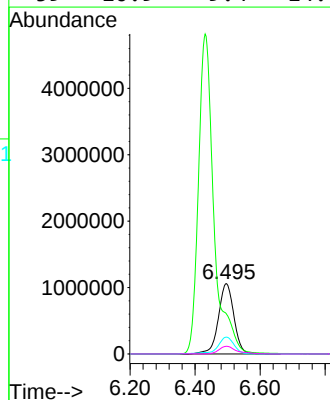
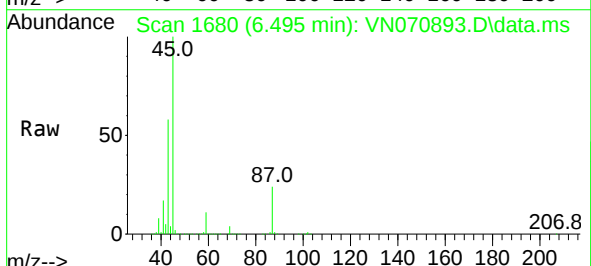
Manual Integrations
APPROVED

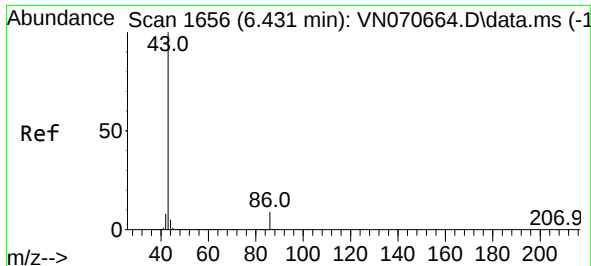
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#22
Diisopropyl ether
Concen: 88.261 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

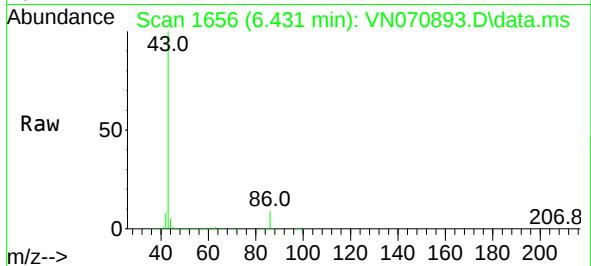
Tgt Ion: 45 Resp: 3507347
Ion Ratio Lower Upper
45 100
43 57.4 51.7 77.5
87 23.9 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 472.862 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.003 min
 Lab File: VN070893.D
 Acq: 2 Feb 2022 14:37

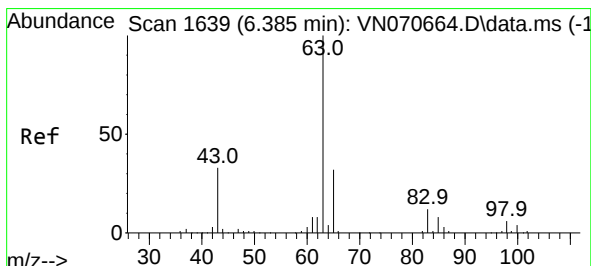
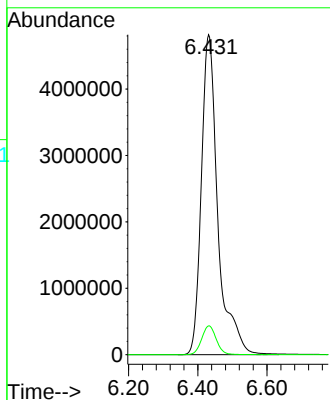
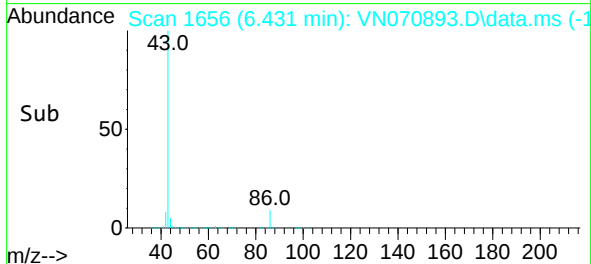
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



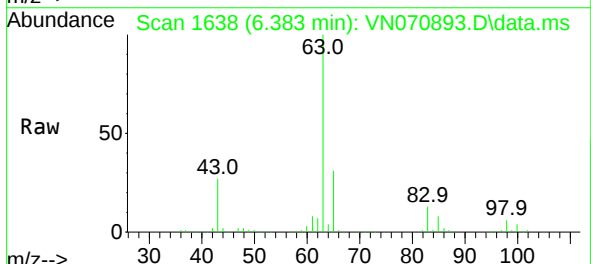
Tgt Ion: 43 Resp:1592856
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.5 12.7

Manual Integrations
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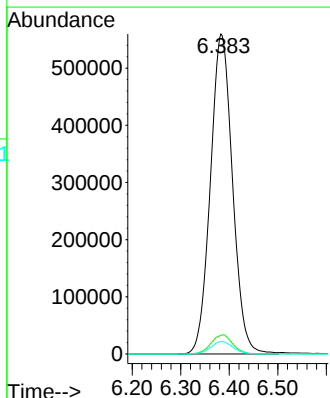
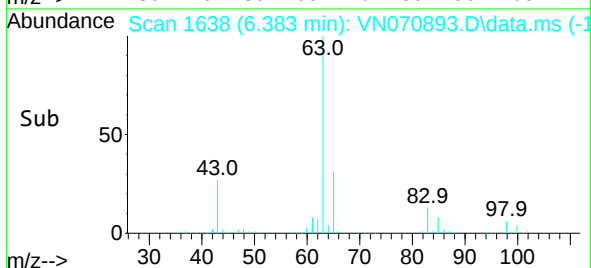
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#24
 1,1-Dichloroethane
 Concen: 89.189 ug/l
 RT: 6.383 min Scan# 1638
 Delta R.T. -0.003 min
 Lab File: VN070893.D
 Acq: 2 Feb 2022 14:37



Tgt Ion: 63 Resp: 1772865
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.8 2.1 6.5





#25

2-Butanone

Concen: 453.838 ug/l

RT: 7.335 min Scan# 1992

Delta R.T. -0.000 min

Lab File: VN070893.D

Acq: 2 Feb 2022 14:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 4724869

Ion Ratio Lower Upper

43 100

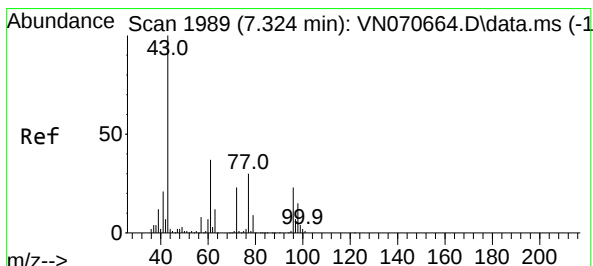
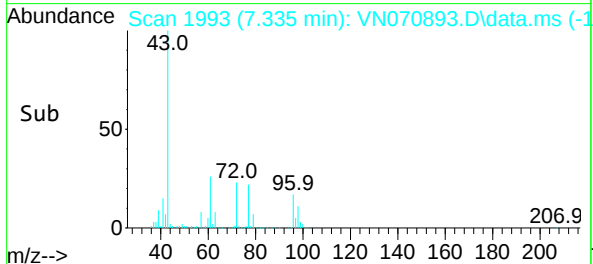
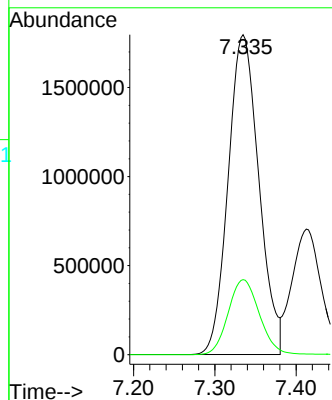
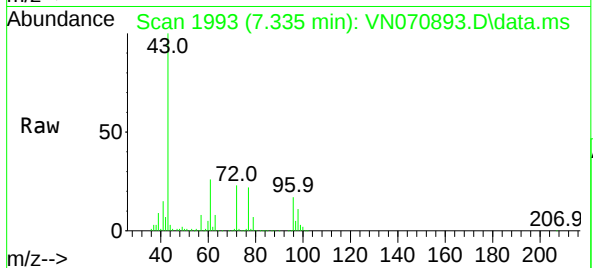
72 23.5 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#26

2,2-Dichloropropane

Concen: 91.956 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN070893.D

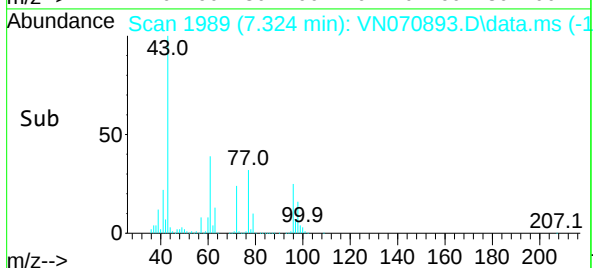
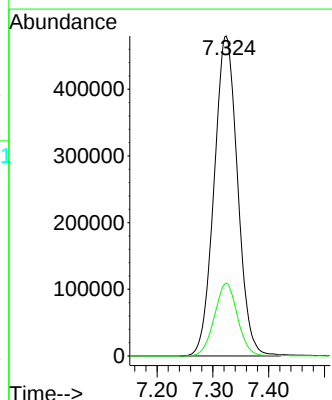
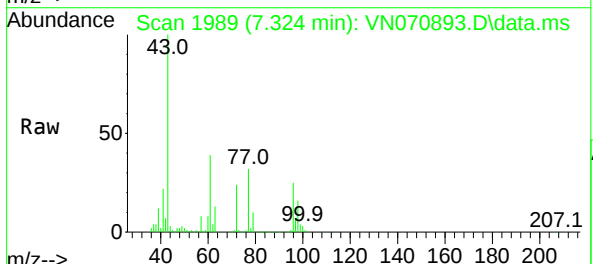
Acq: 2 Feb 2022 14:37

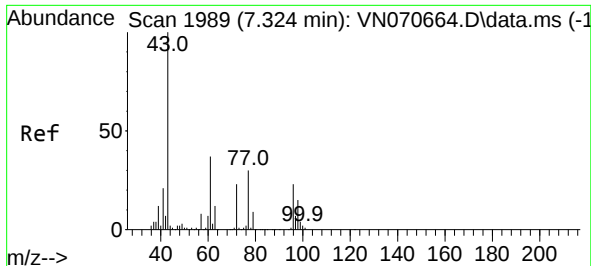
Tgt Ion: 77 Resp: 1401420

Ion Ratio Lower Upper

77 100

97 22.4 11.6 34.8





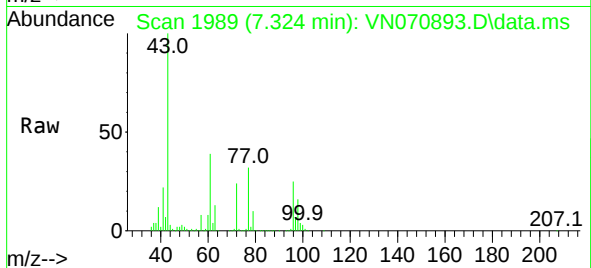
#27
cis-1,2-Dichloroethene
Concen: 91.773 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



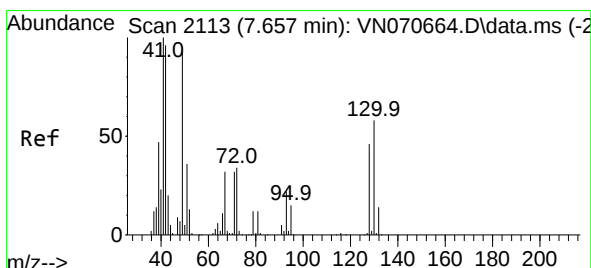
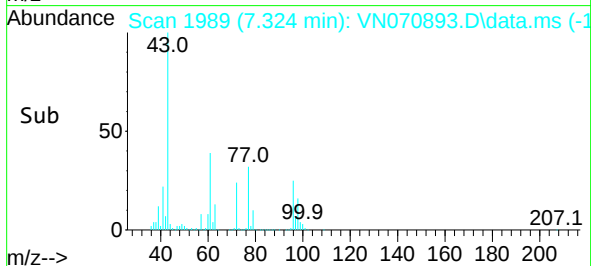
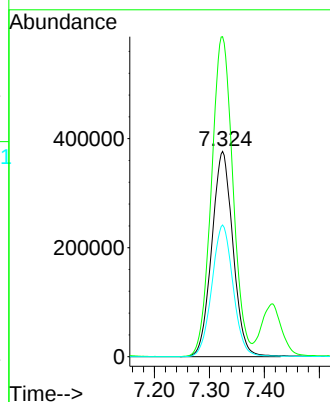
Tgt Ion: 96 Resp: 100960
Ion Ratio Lower Upper
96 100
61 157.6 0.0 275.0
98 64.4 0.0 129.6

Manual Integrations

APPROVED

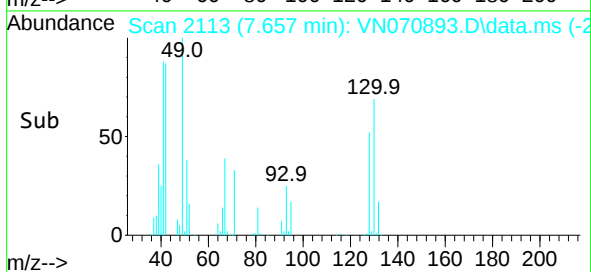
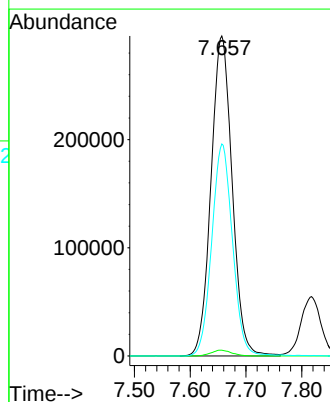
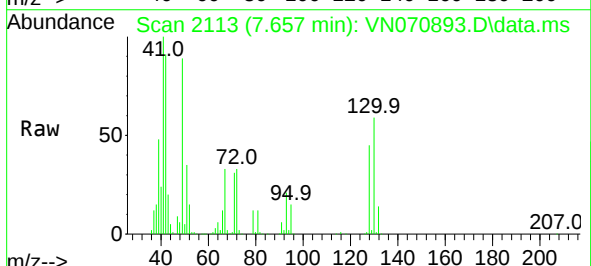
Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#28
Bromochloromethane
Concen: 87.287 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

Tgt Ion: 49 Resp: 778999
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 64.9 67.8 101.8#





#29

Tetrahydrofuran

Concen: 482.165 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. -0.003 min

Lab File: VN070893.D

Acq: 2 Feb 2022 14:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 3073640

Ion Ratio Lower Upper

42 100

72 37.8 36.3 54.5

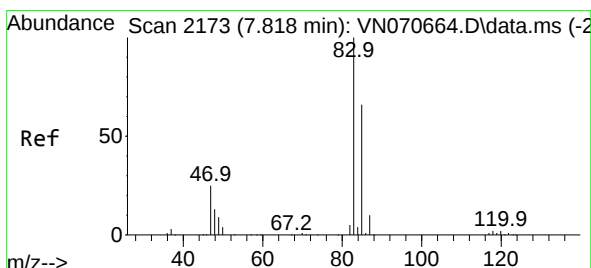
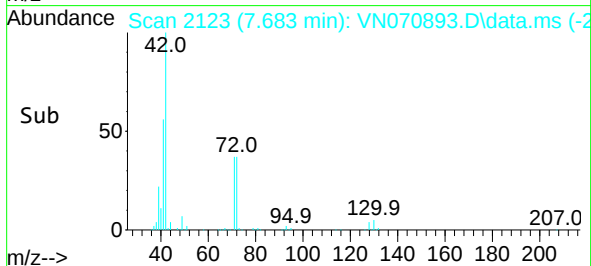
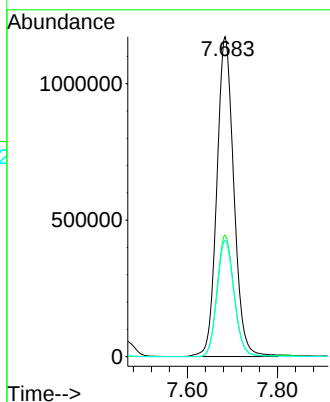
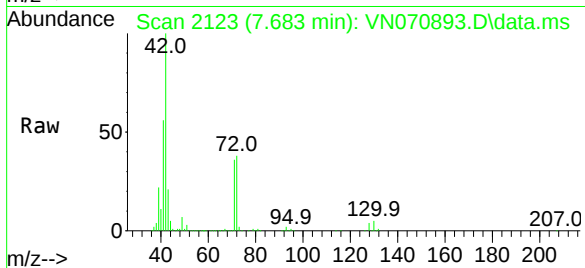
71 36.2 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#30

Chloroform

Concen: 74.129 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.000 min

Lab File: VN070893.D

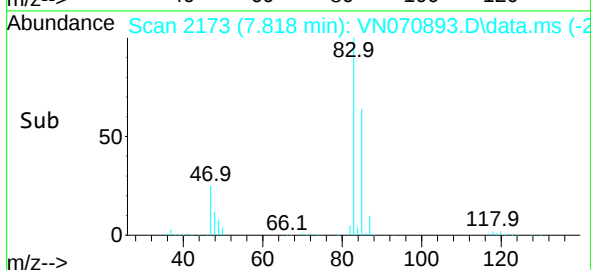
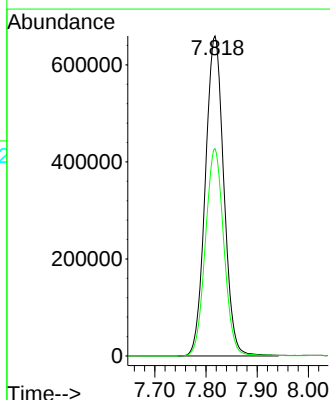
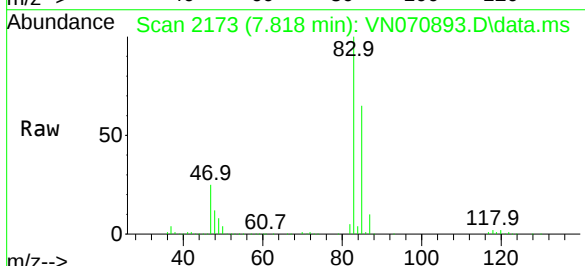
Acq: 2 Feb 2022 14:37

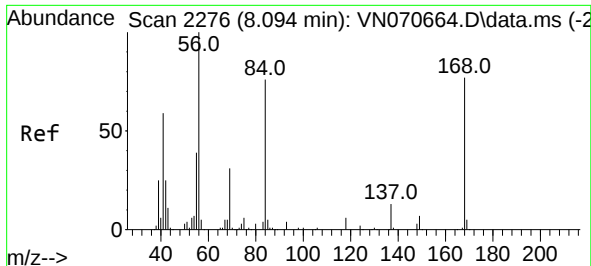
Tgt Ion: 83 Resp: 1654382

Ion Ratio Lower Upper

83 100

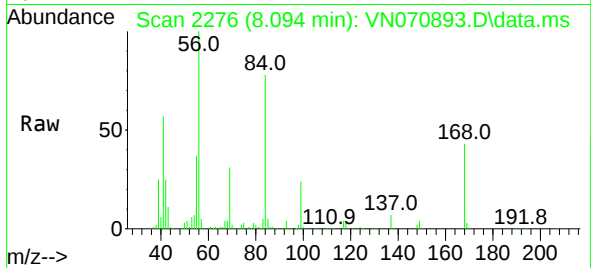
85 64.8 51.9 77.9





#31
Cyclohexane
Concen: 83.754 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

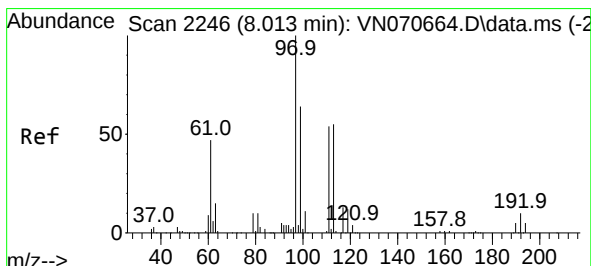
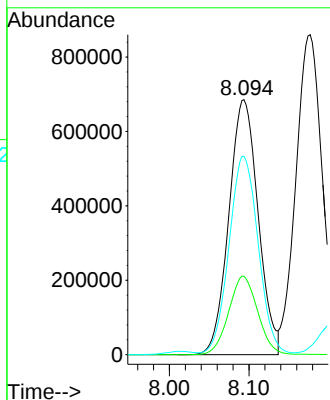
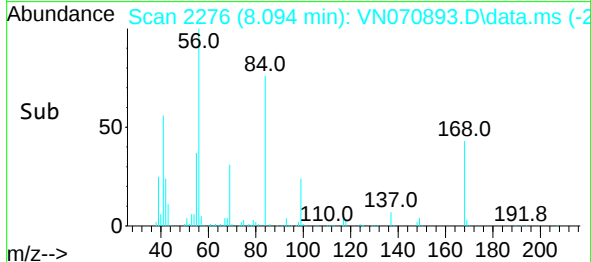
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



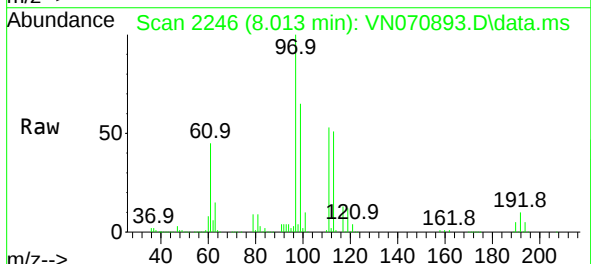
Tgt Ion: 56 Resp: 1758036
Ion Ratio Lower Upper
56 100
69 30.7 27.1 40.7
84 76.5 73.4 110.0

Manual Integrations
APPROVED

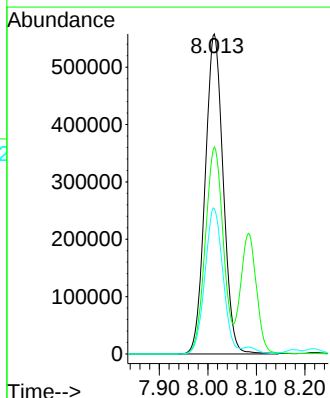
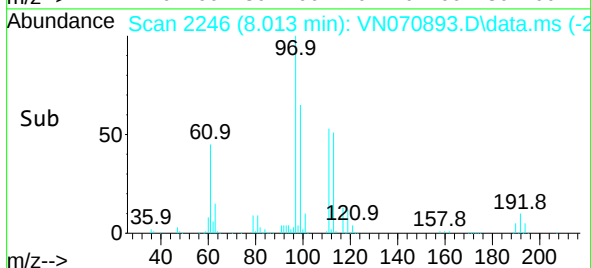
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

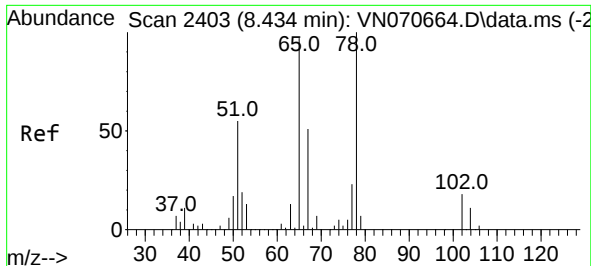


#32
1,1,1-Trichloroethane
Concen: 93.492 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



Tgt Ion: 97 Resp: 1442474
Ion Ratio Lower Upper
97 100
99 64.3 50.1 75.1
61 45.6 35.2 52.8





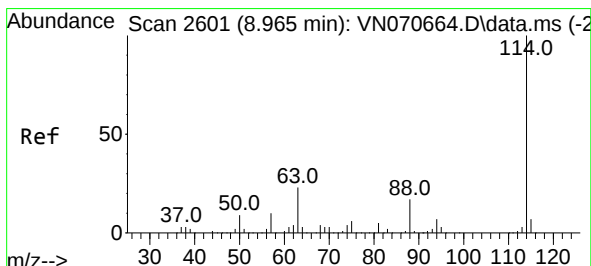
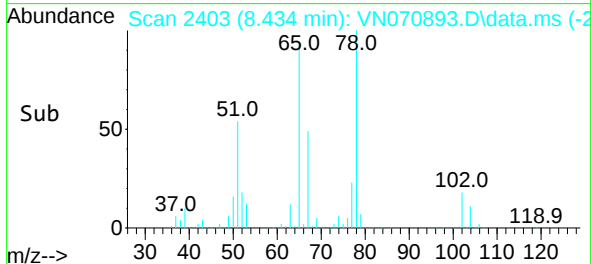
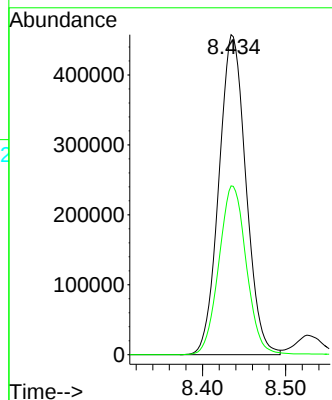
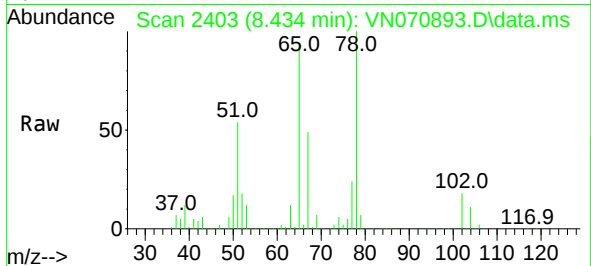
#33
 1,2-Dichloroethane-d4
 Concen: 86.754 ug/l
 RT: 8.434 min Scan# 2403
 Delta R.T. -0.003 min
 Lab File: VN070893.D
 Acq: 2 Feb 2022 14:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 65 Resp: 1034134
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.0

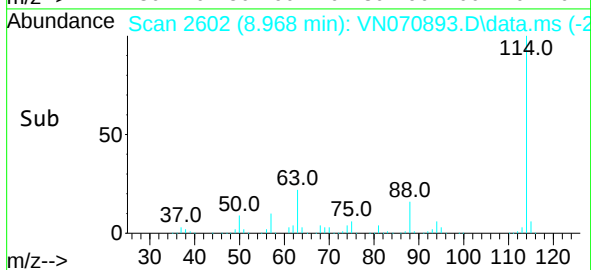
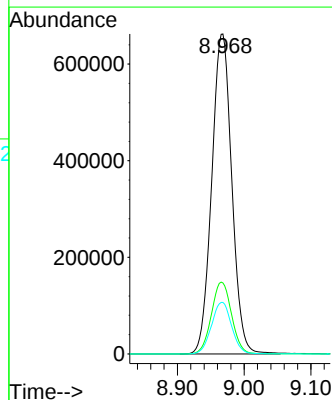
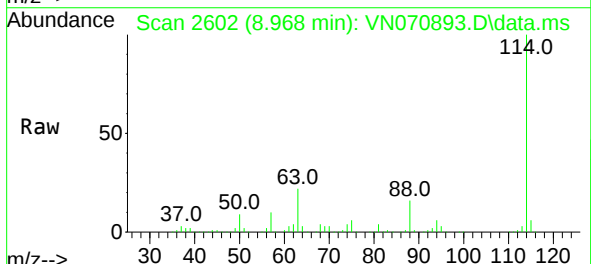
Manual Integrations
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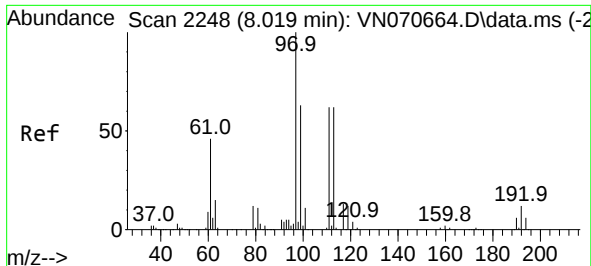
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.003 min
 Lab File: VN070893.D
 Acq: 2 Feb 2022 14:37

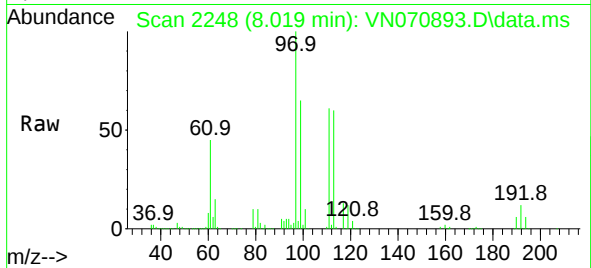
Tgt Ion:114 Resp: 1383536
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 37.8
 88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 89.326 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

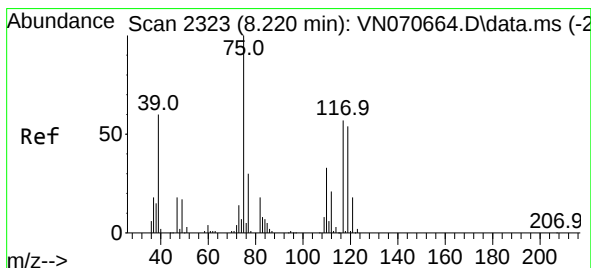
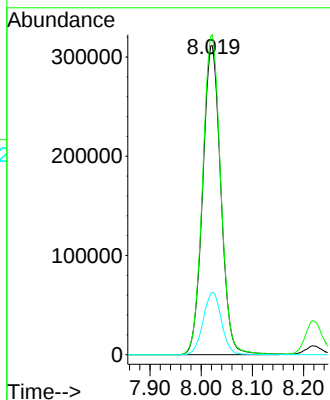
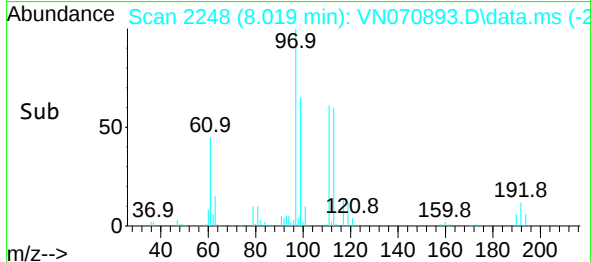
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:113 Resp: 766609
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 20.4 16.9 25.3

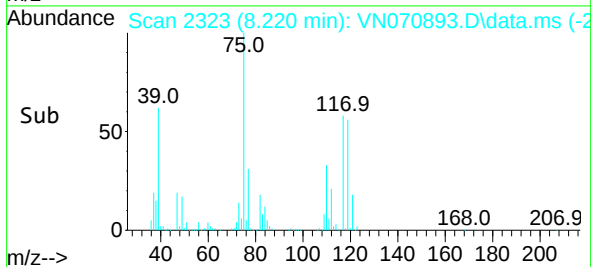
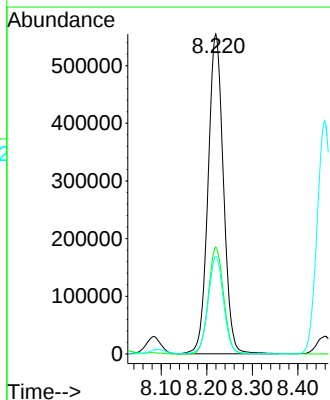
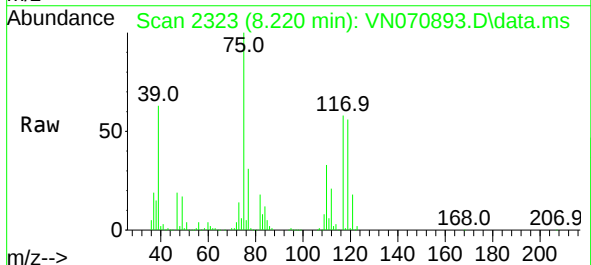
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#36
1,1-Dichloropropene
Concen: 89.707 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

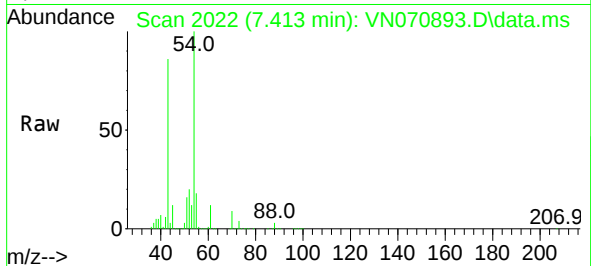
Tgt Ion: 75 Resp: 1296072
Ion Ratio Lower Upper
75 100
110 33.4 18.4 55.2
77 30.3 24.4 36.6





#37
Ethyl Acetate
Concen: 92.689 ug/l
RT: 7.413 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

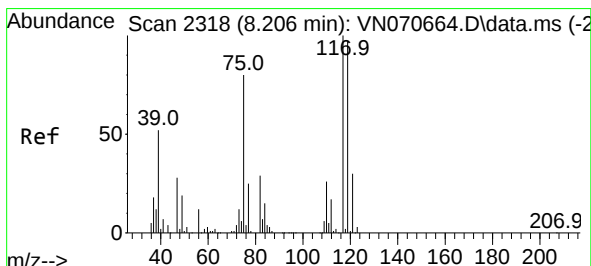
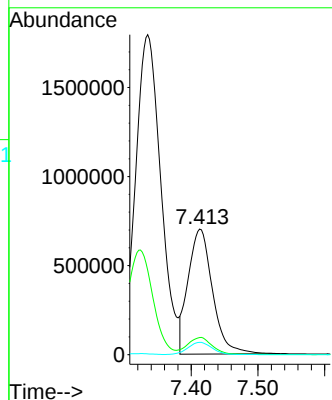
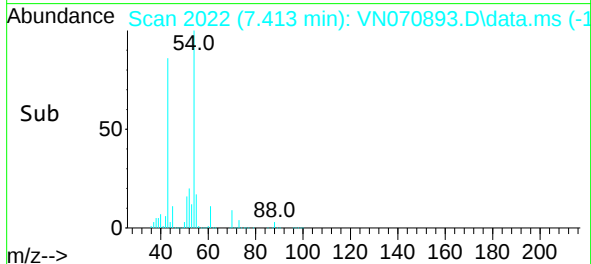
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 177788
Ion Ratio Lower Upper
43 100
61 13.6 11.5 17.3
70 9.7 7.9 11.9

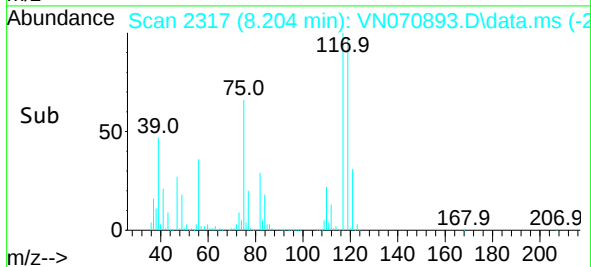
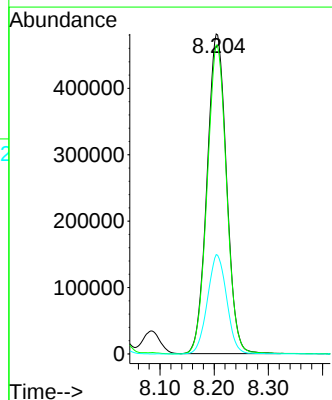
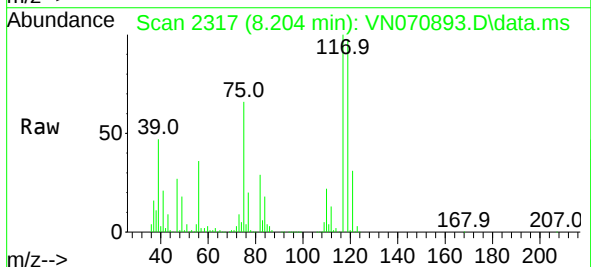
Manual Integrations
APPROVED

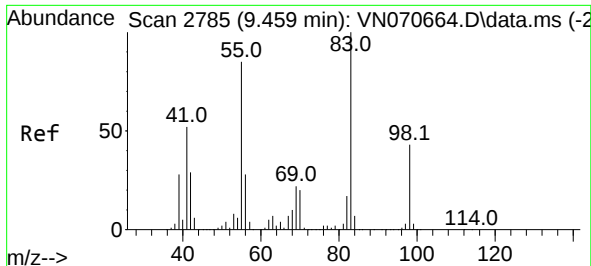
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#38
Carbon Tetrachloride
Concen: 93.694 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.003 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

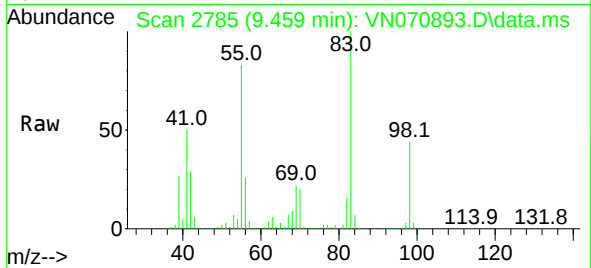
Tgt Ion:117 Resp: 1204251
Ion Ratio Lower Upper
117 100
119 96.6 76.1 114.1
121 31.1 24.2 36.2





#39
Methylcyclohexane
Concen: 92.470 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

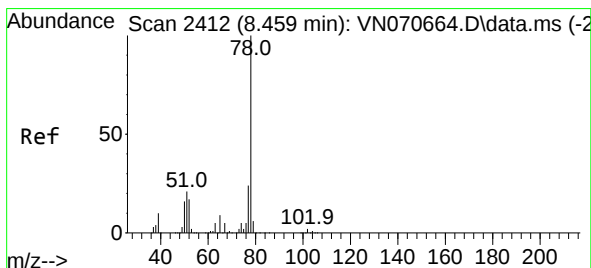
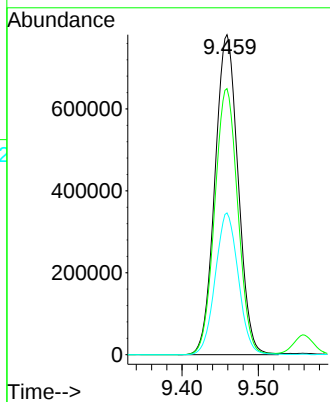
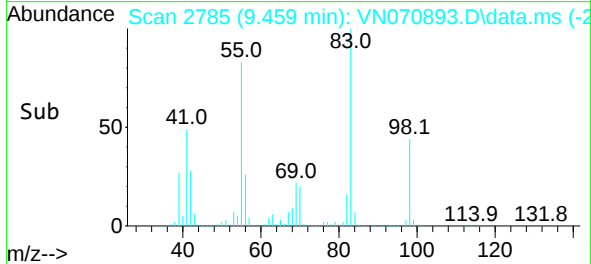
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



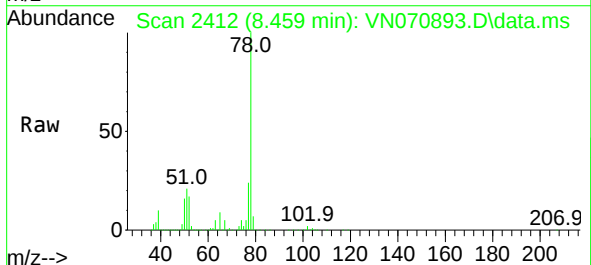
Tgt Ion: 83 Resp: 164932
Ion Ratio Lower Upper
83 100
55 83.1 58.1 87.1
98 44.3 38.4 57.6

Manual Integrations
APPROVED

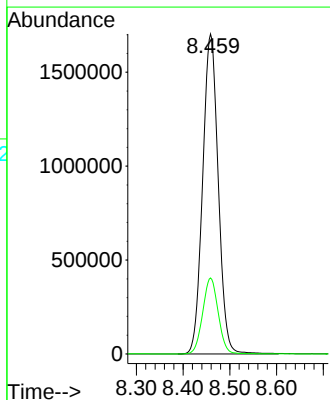
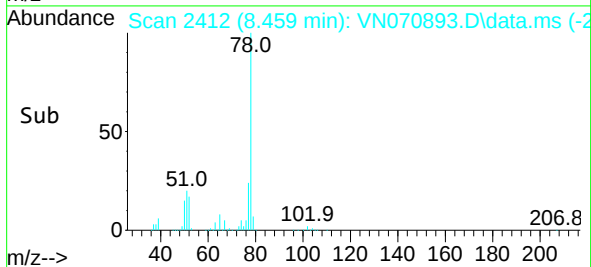
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

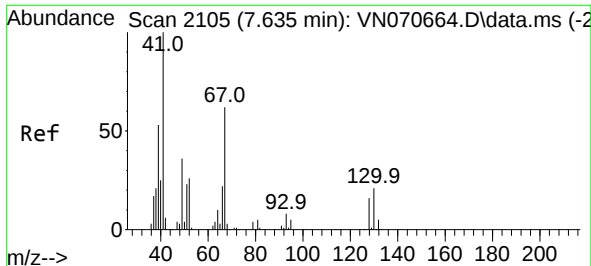


#40
Benzene
Concen: 88.162 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



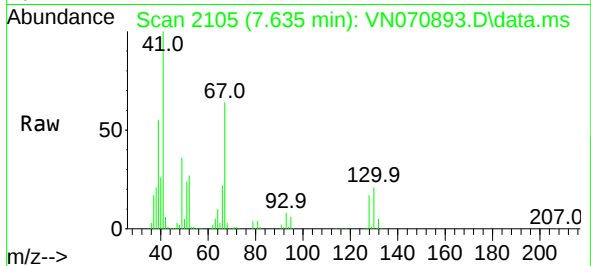
Tgt Ion: 78 Resp: 3946754
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 93.948 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

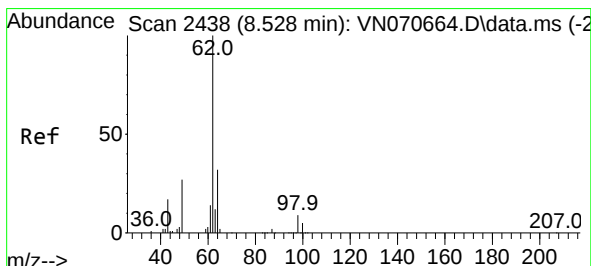
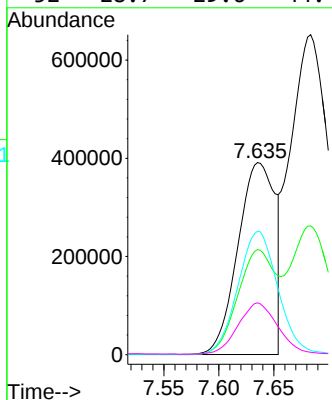
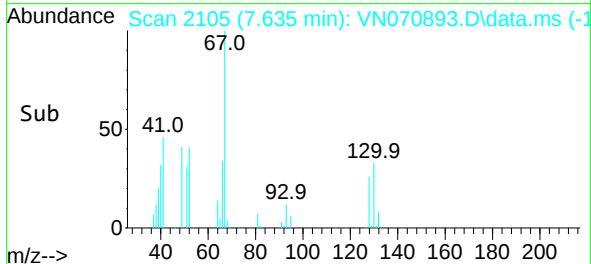
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 916792
Ion Ratio Lower Upper
41 100
39 56.4 48.1 72.1
67 69.9 68.3 102.5
52 28.7 29.6 44.4#

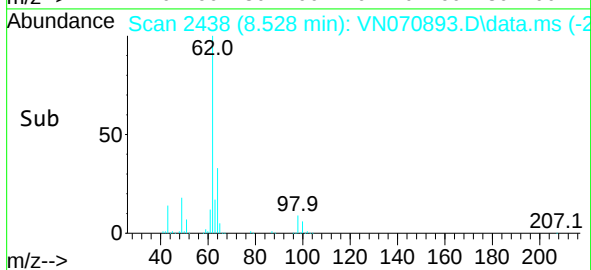
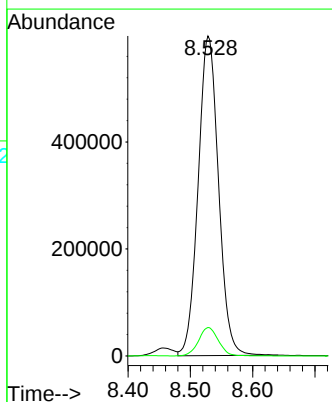
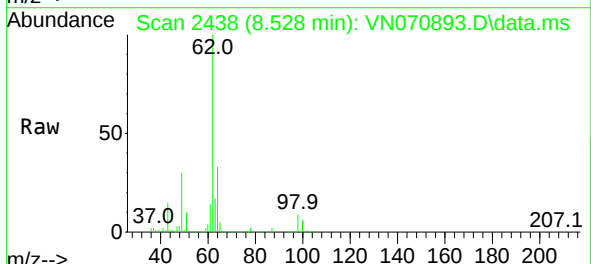
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#42
1,2-Dichloroethane
Concen: 87.341 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

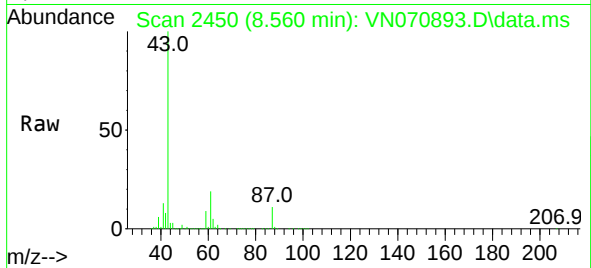
Tgt Ion: 62 Resp: 1355761
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 97.248 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

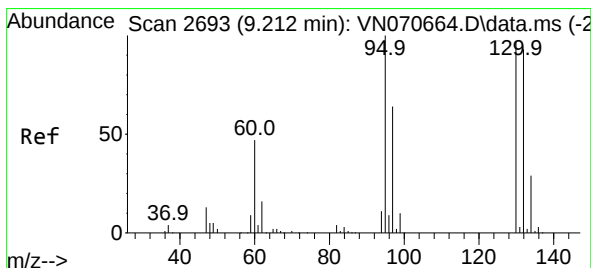
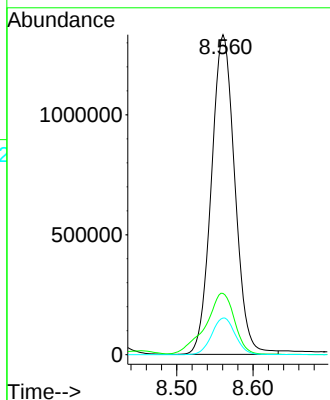
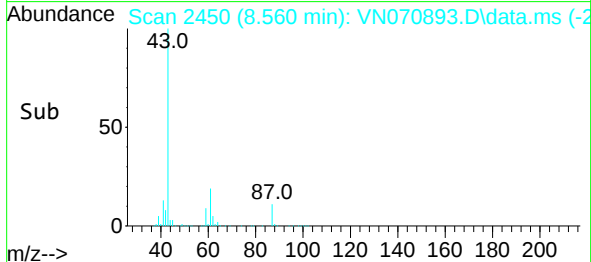
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 2849119
Ion Ratio Lower Upper
43 100
61 23.6 20.4 30.6
87 11.5 11.2 16.8

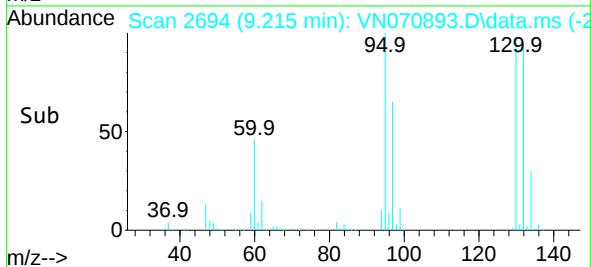
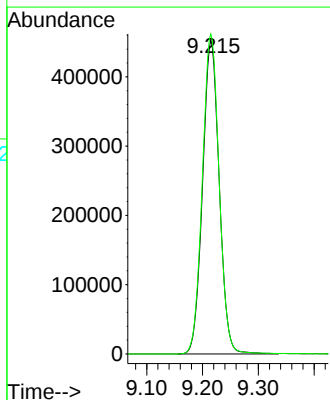
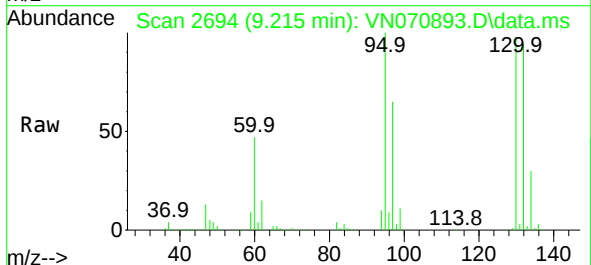
Manual Integrations
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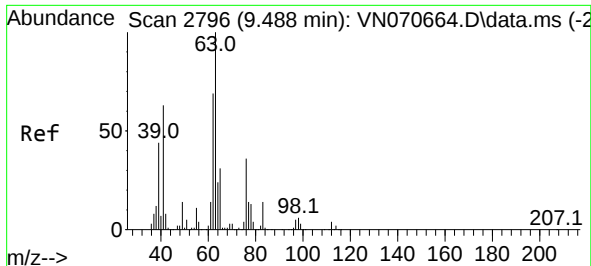
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#44
Trichloroethene
Concen: 92.470 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

Tgt Ion:130 Resp: 938454
Ion Ratio Lower Upper
130 100
95 102.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 88.840 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070893.D

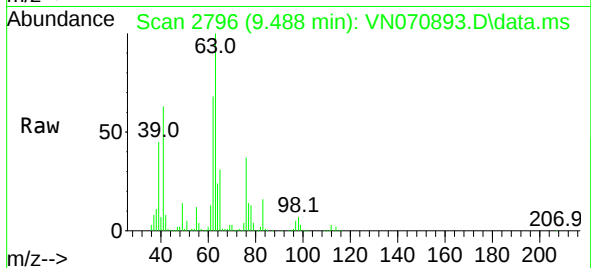
Acq: 2 Feb 2022 14:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



Tgt Ion: 63 Resp: 108209

Ion Ratio Lower Upper

63 100

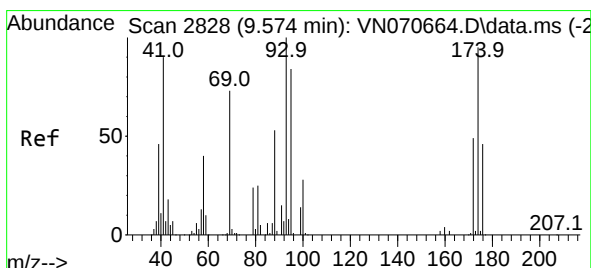
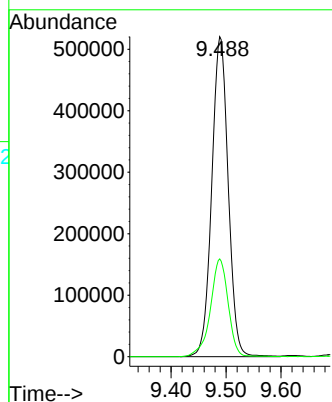
65 30.5 24.7 37.1

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Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#46

Dibromomethane

Concen: 91.617 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070893.D

Acq: 2 Feb 2022 14:37

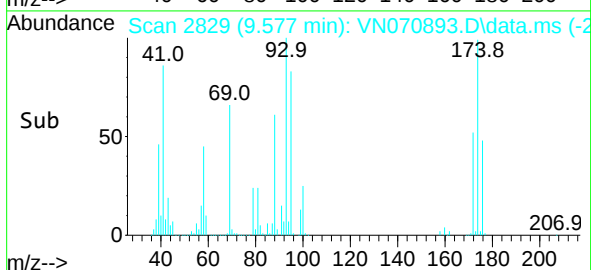
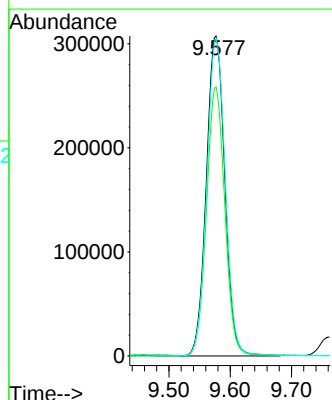
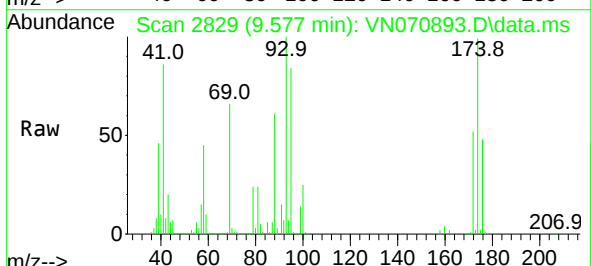
Tgt Ion: 93 Resp: 648856

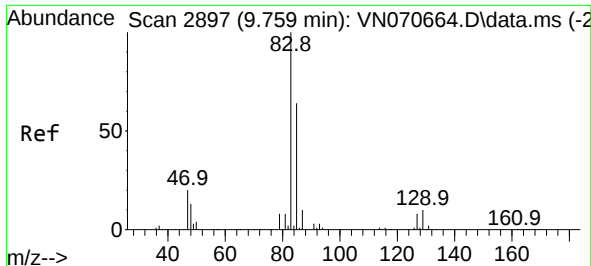
Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

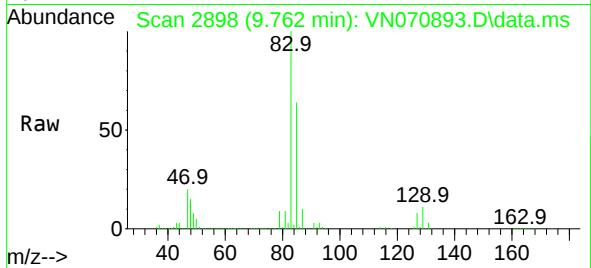
174 98.6 84.6 127.0





#47
Bromodichloromethane
Concen: 92.094 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

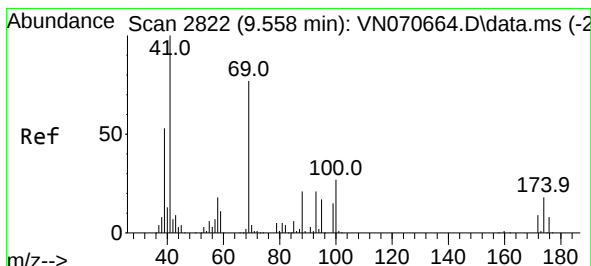
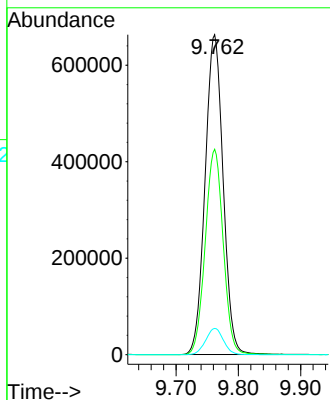
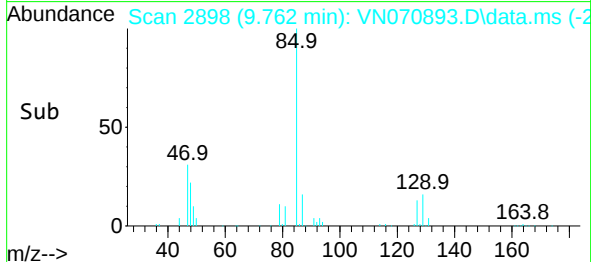
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



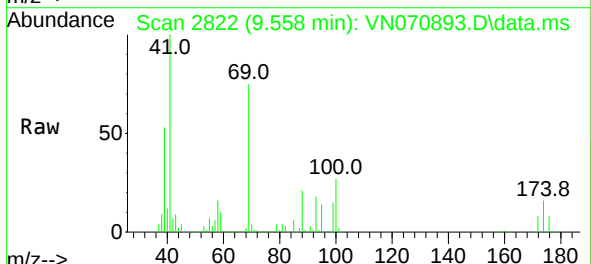
Tgt Ion: 83 Resp: 133326
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3
127 8.2 7.1 10.7

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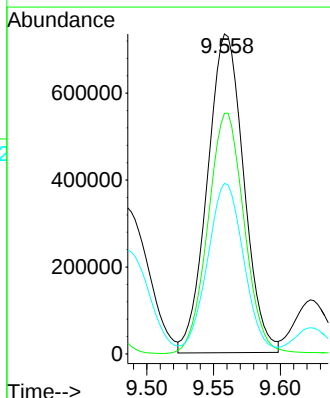
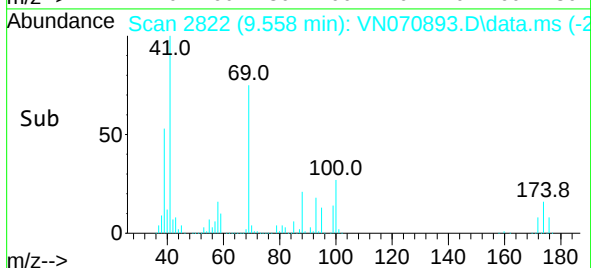
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#48
Methyl methacrylate
Concen: 99.605 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



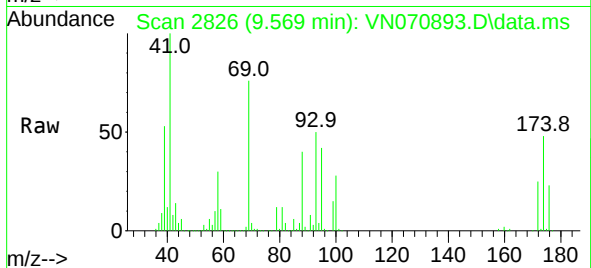
Tgt Ion: 41 Resp: 1390202
Ion Ratio Lower Upper
41 100
69 75.5 72.4 108.6
39 49.8 58.4 87.6





#49
1,4-Dioxane
Concen: 2167.654 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

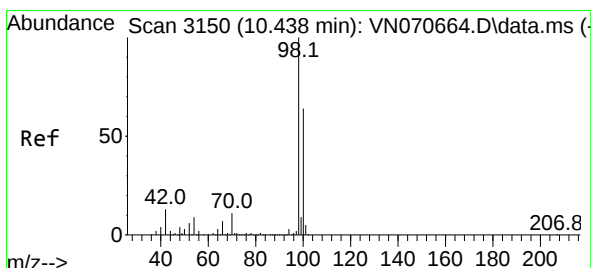
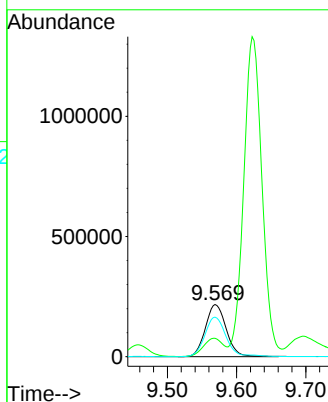
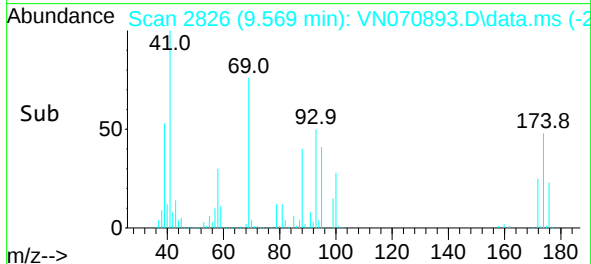
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



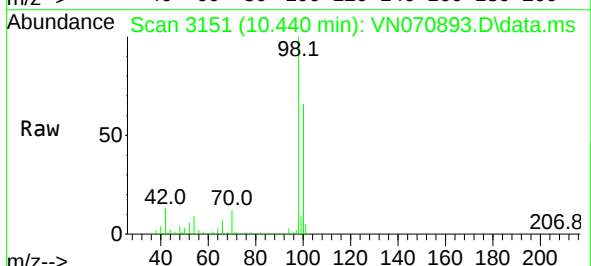
Tgt Ion: 88 Resp: 454450
Ion Ratio Lower Upper
88 100
43 33.7 23.4 35.2
58 78.2 50.6 75.8

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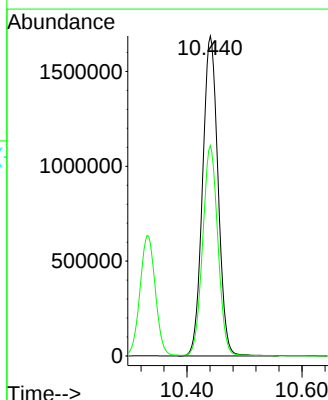
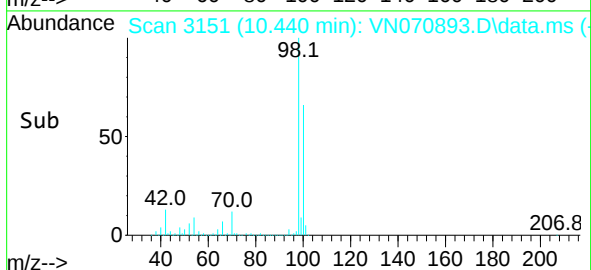
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

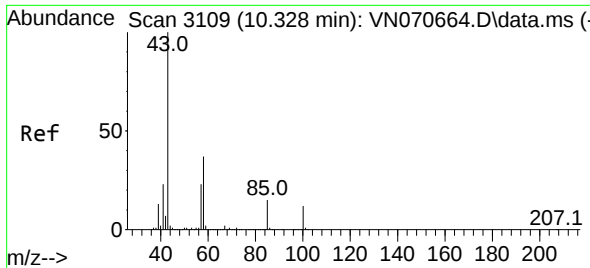


#50
Toluene-d8
Concen: 86.863 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



Tgt Ion: 98 Resp: 3140469
Ion Ratio Lower Upper
98 100
100 65.0 50.4 75.6





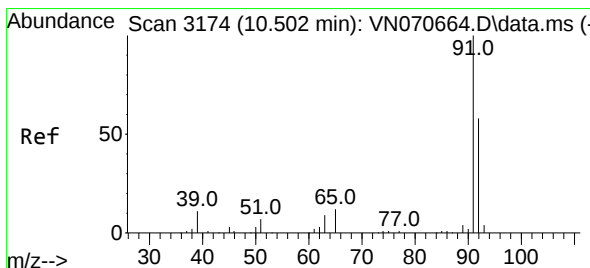
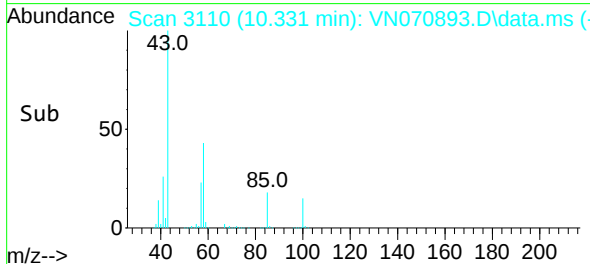
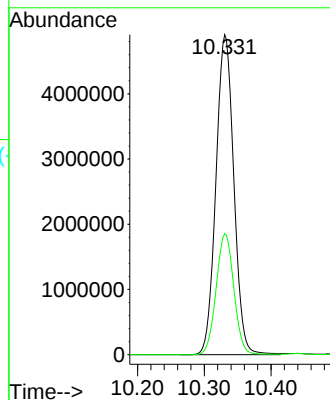
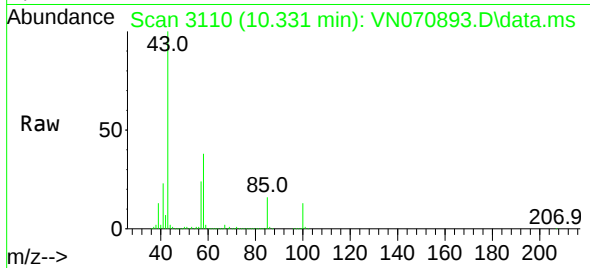
#51
4-Methyl-2-Pentanone
Concen: 487.626 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 9115898
Ion Ratio Lower Upper
43 100
58 37.6 30.4 45.6

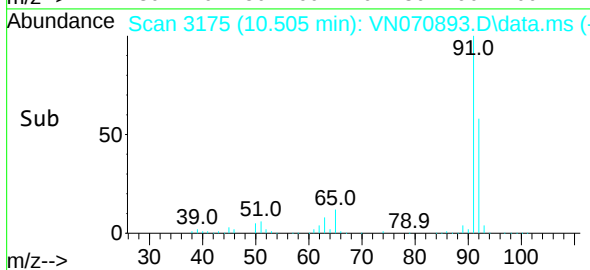
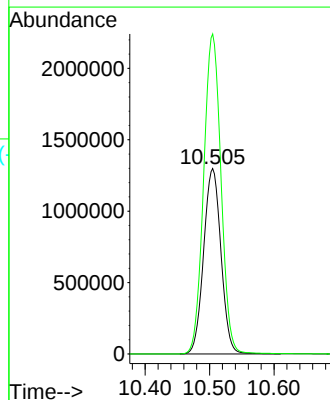
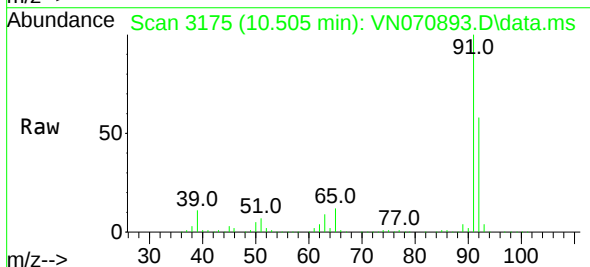
Manual Integrations
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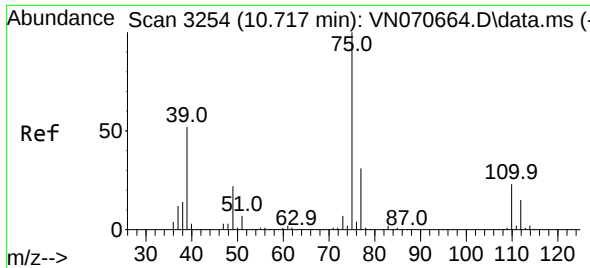
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#52
Toluene
Concen: 90.554 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

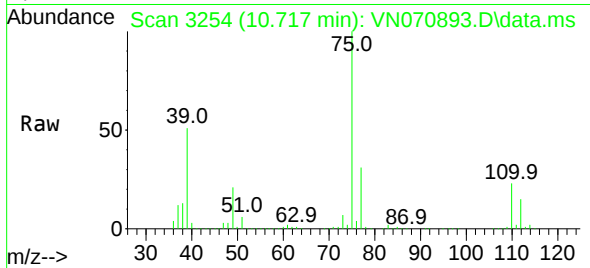
Tgt Ion: 92 Resp: 2424895
Ion Ratio Lower Upper
92 100
91 172.9 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 100.471 ug/l
 RT: 10.717 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VN070893.D
 Acq: 2 Feb 2022 14:37

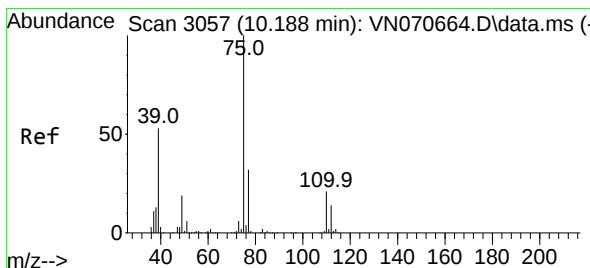
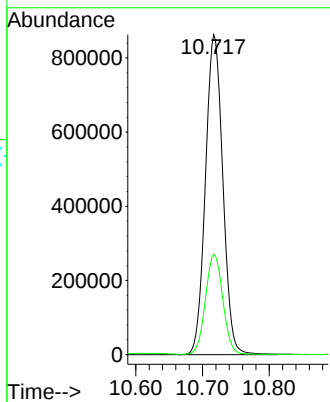
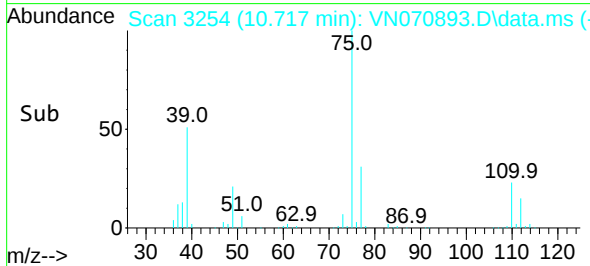
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



Tgt Ion: 75 Resp: 1560589
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.6 38.4

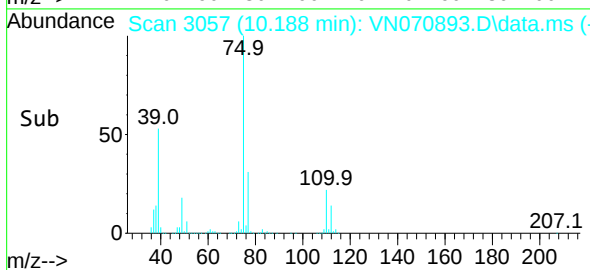
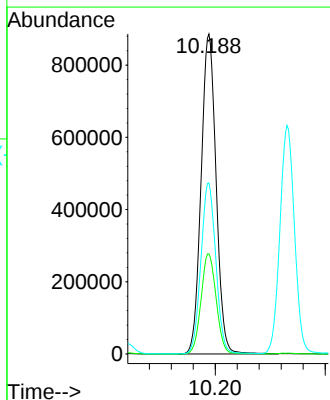
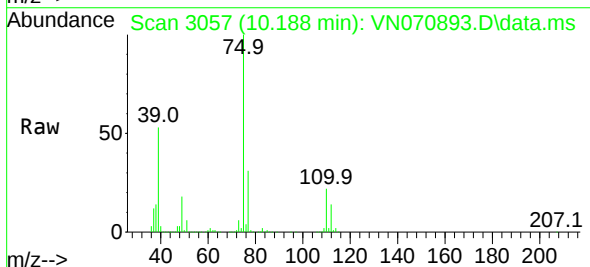
Manual Integrations
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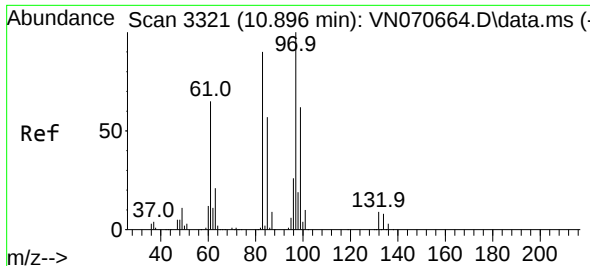
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#54
 cis-1,3-Dichloropropene
 Concen: 96.654 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. -0.000 min
 Lab File: VN070893.D
 Acq: 2 Feb 2022 14:37

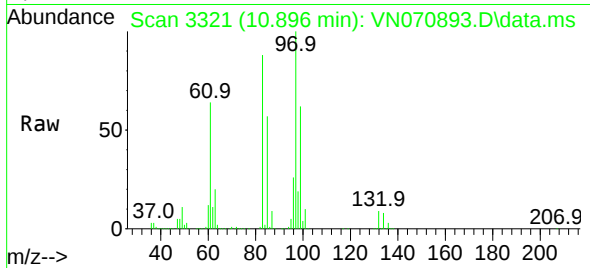
Tgt Ion: 75 Resp: 1678091
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.4 39.6
 39 53.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 90.200 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

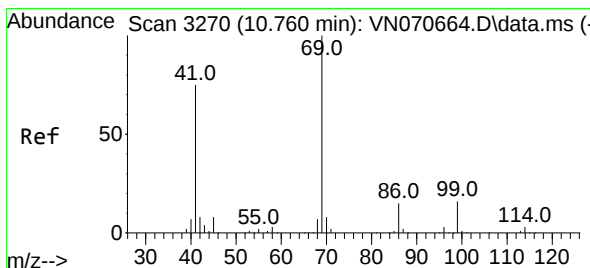
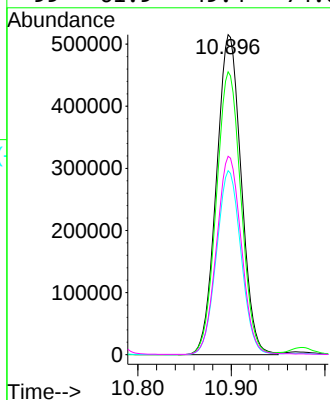
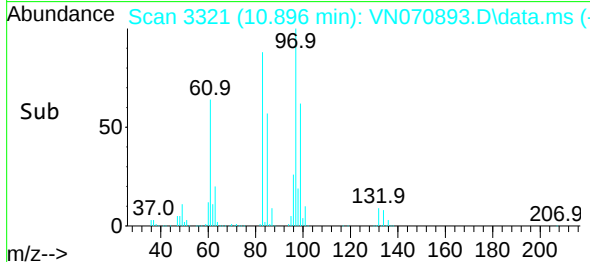
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



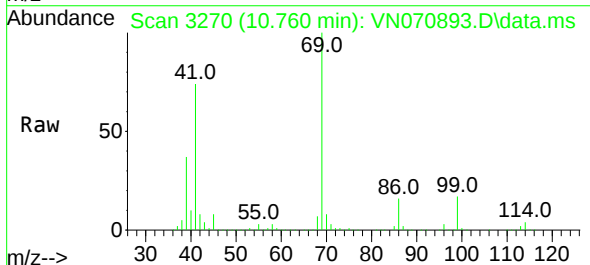
Tgt Ion: 97 Resp: 94889
Ion Ratio Lower Upper
97 100
83 88.4 67.8 101.6
85 57.5 45.4 68.2
99 61.9 49.4 74.0

Manual Integrations
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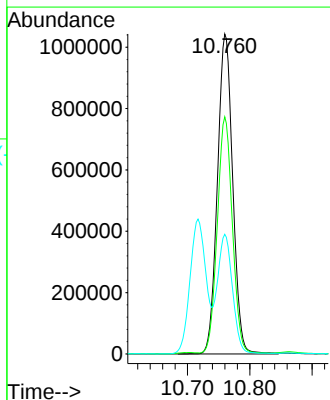
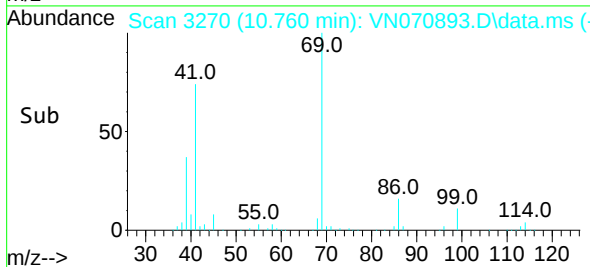
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

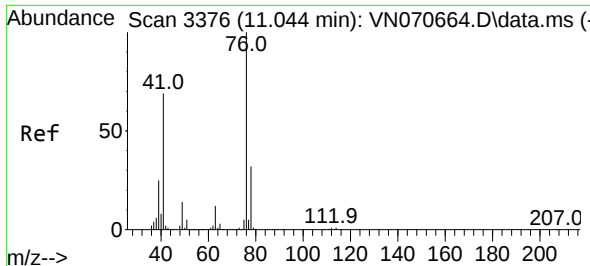


#56
Ethyl methacrylate
Concen: 100.456 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



Tgt Ion: 69 Resp: 1776565
Ion Ratio Lower Upper
69 100
41 72.6 51.4 77.0
39 35.9 34.6 52.0





#57

1,3-Dichloropropane

Concen: 90.483 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070893.D

Acq: 2 Feb 2022 14:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 168508

Ion Ratio Lower Upper

76 100

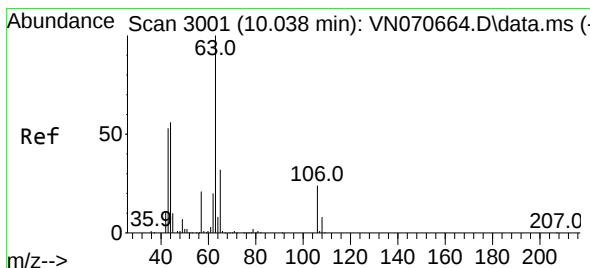
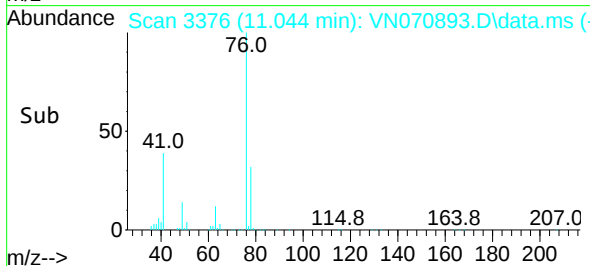
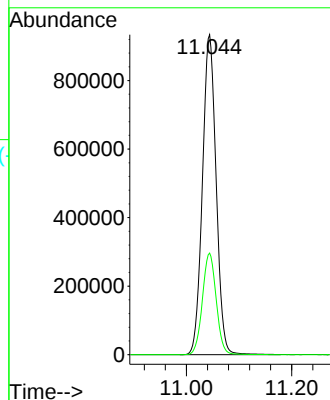
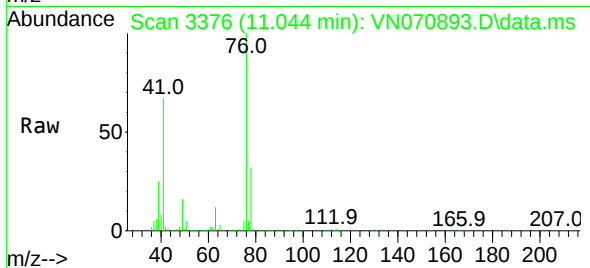
78 32.0 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#58

2-Chloroethyl Vinyl ether

Concen: 560.719 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070893.D

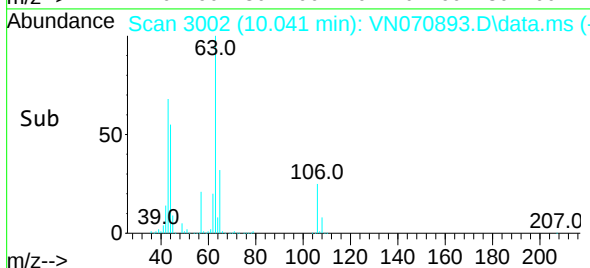
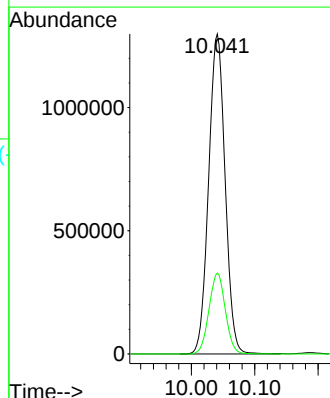
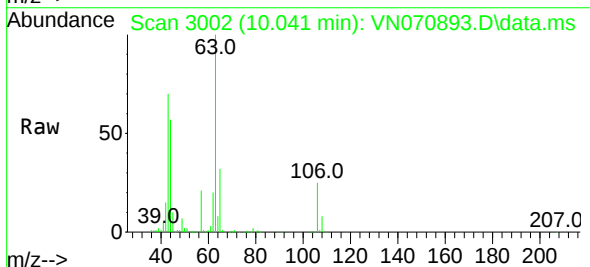
Acq: 2 Feb 2022 14:37

Tgt Ion: 63 Resp: 2341351

Ion Ratio Lower Upper

63 100

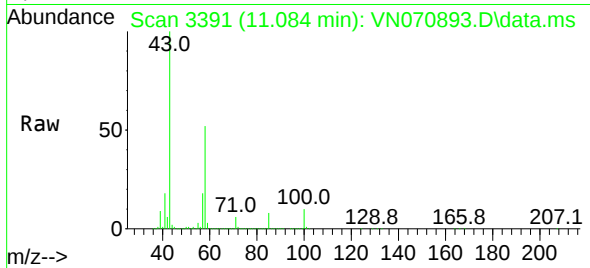
106 25.1 23.9 35.9





#59
2-Hexanone
Concen: 501.949 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

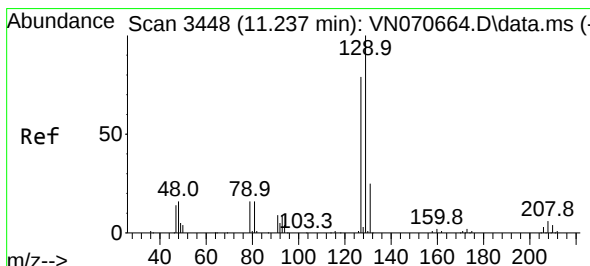
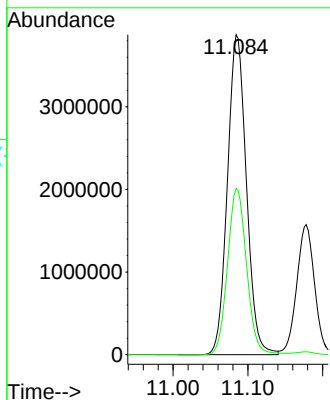
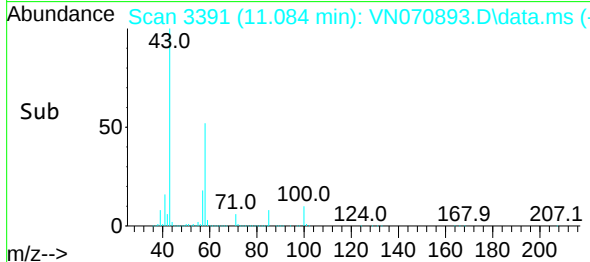
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 6816809
Ion Ratio Lower Upper
43 100
58 52.3 26.9 80.7

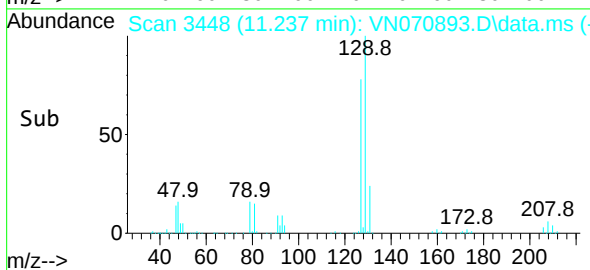
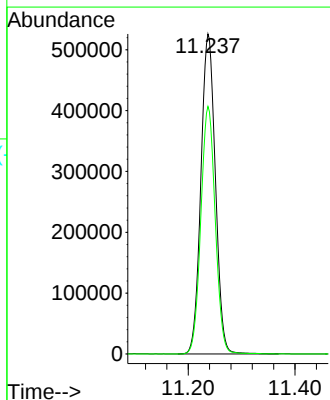
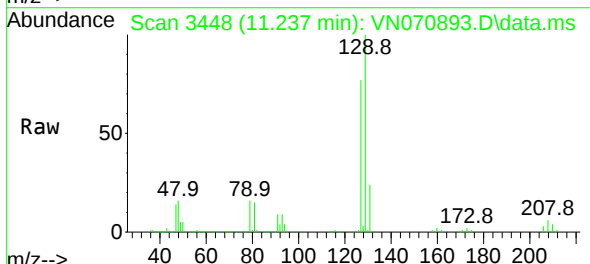
Manual Integrations
APPROVED

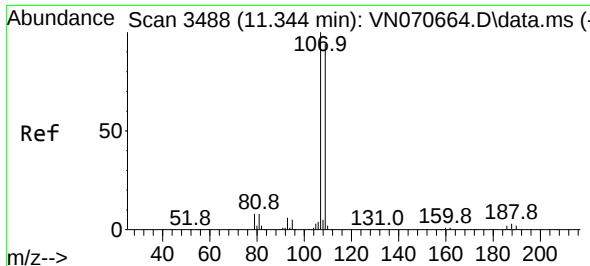
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#60
Dibromochloromethane
Concen: 100.730 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

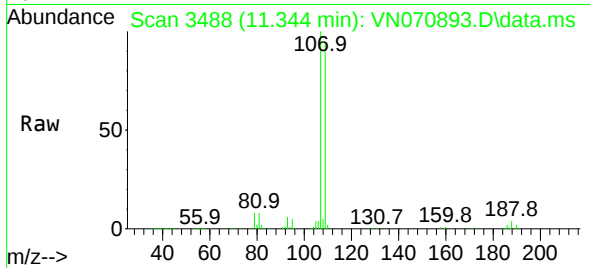
Tgt Ion:129 Resp: 988423
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 94.715 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

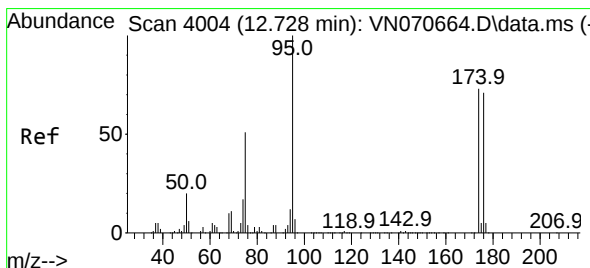
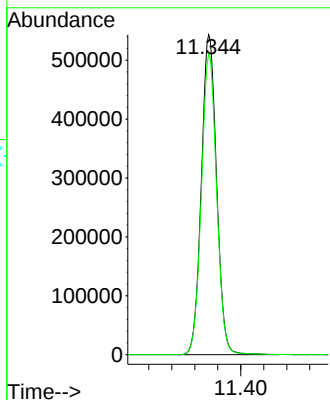
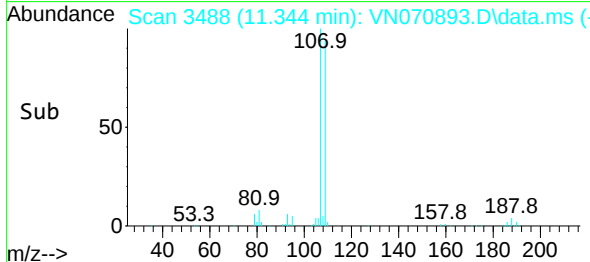
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



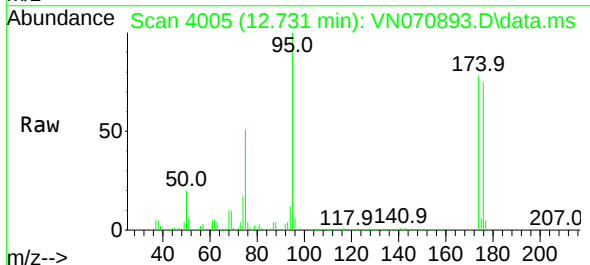
Tgt Ion:107 Resp: 100038
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

Manual Integrations
APPROVED

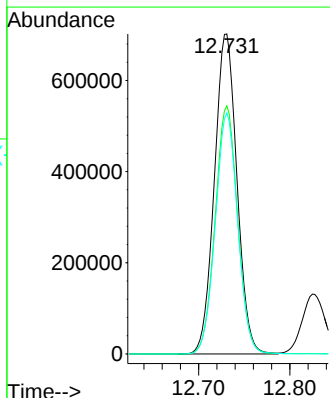
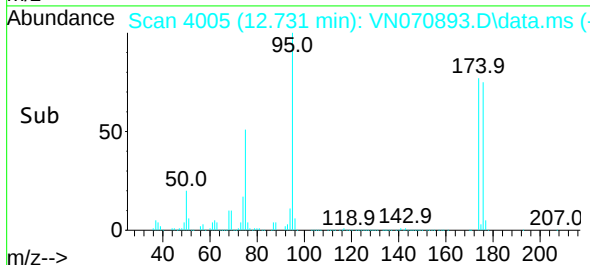
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

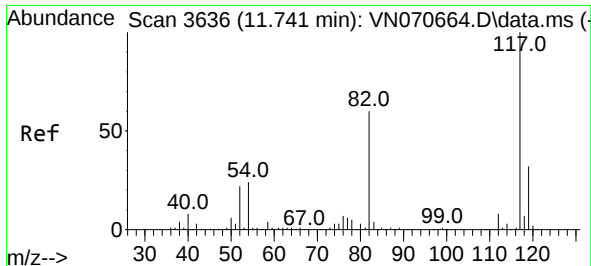


#62
4-Bromofluorobenzene
Concen: 93.701 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



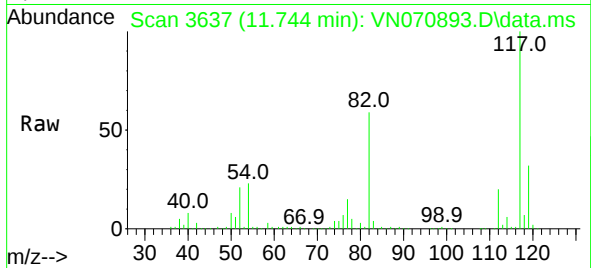
Tgt Ion: 95 Resp: 1207180
Ion Ratio Lower Upper
95 100
174 77.2 0.0 187.2
176 74.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

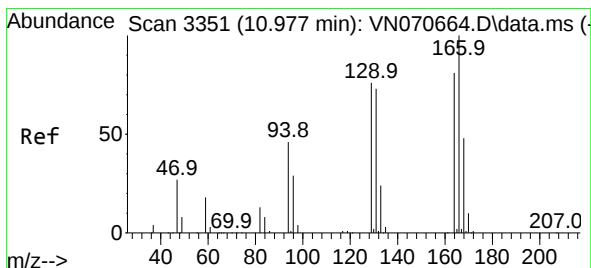
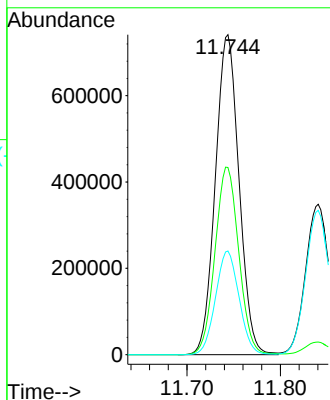
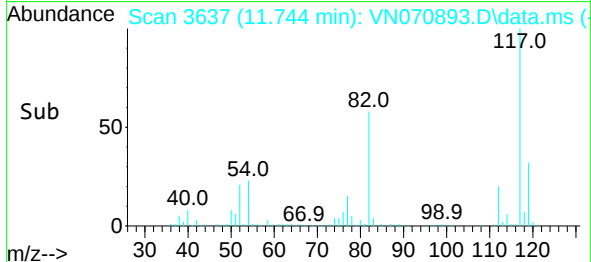
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 1307168
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 32.4 25.4 38.2

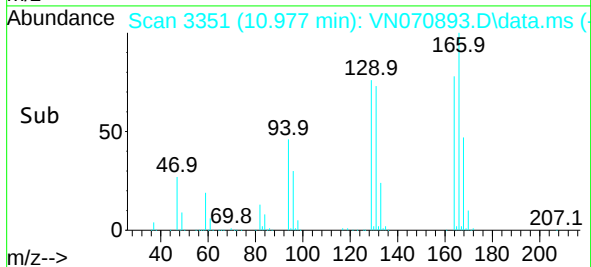
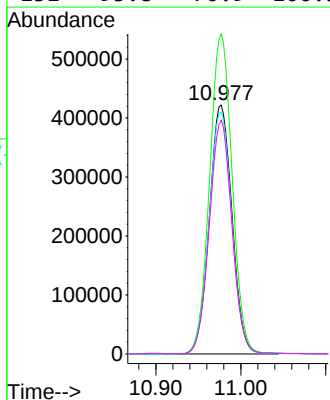
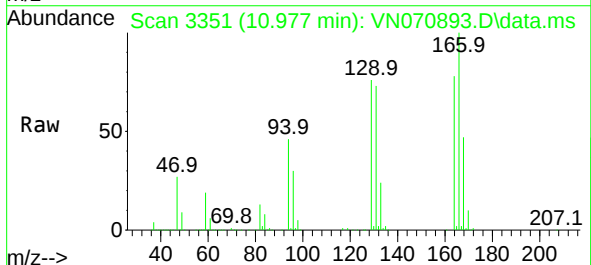
Manual Integrations
APPROVED

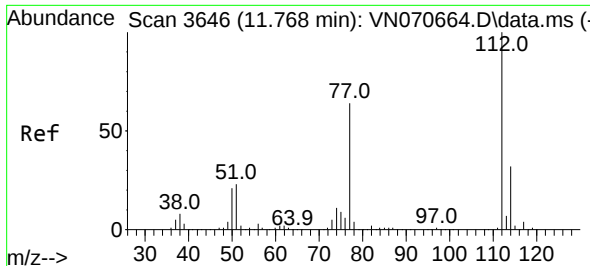
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#64
Tetrachloroethene
Concen: 81.843 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

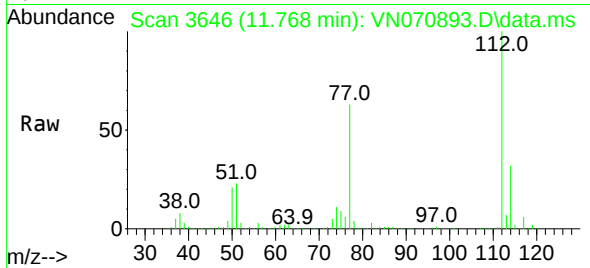
Tgt Ion:164 Resp: 784399
Ion Ratio Lower Upper
164 100
166 128.5 101.9 152.9
129 97.1 72.0 108.0
131 93.8 70.9 106.3





#65
Chlorobenzene
Concen: 89.809 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

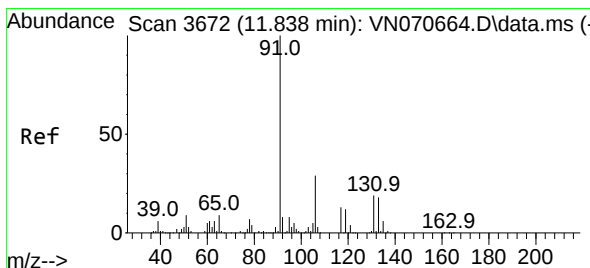
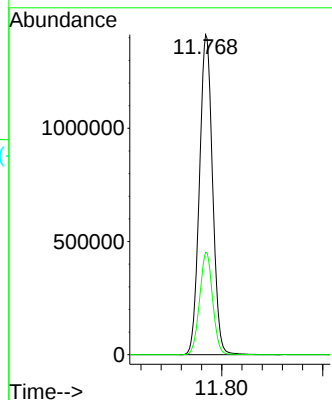
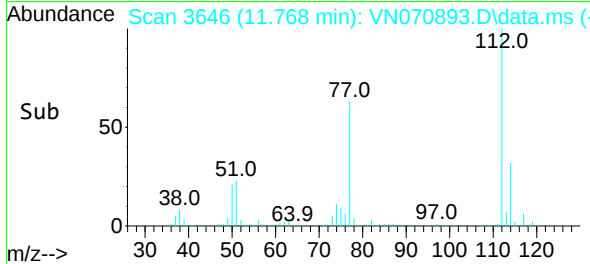
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



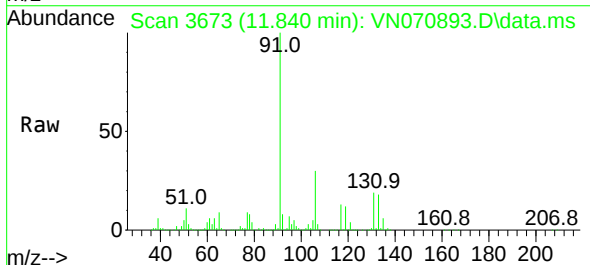
Tgt Ion:112 Resp: 254350
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

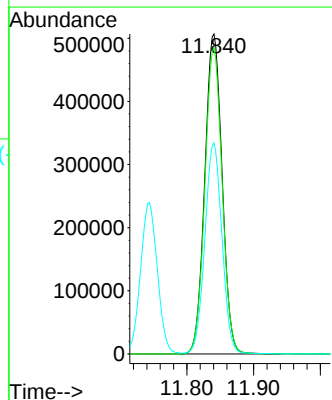
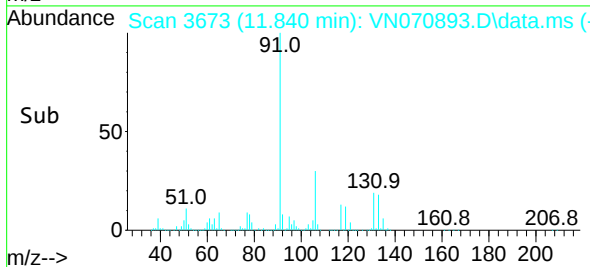
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

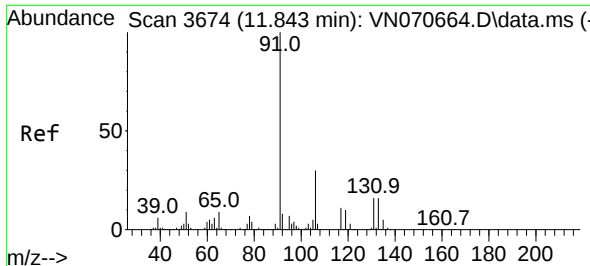


#66
1,1,1,2-Tetrachloroethane
Concen: 93.807 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



Tgt Ion:131 Resp: 914865
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.7
119 65.0 32.1 96.5





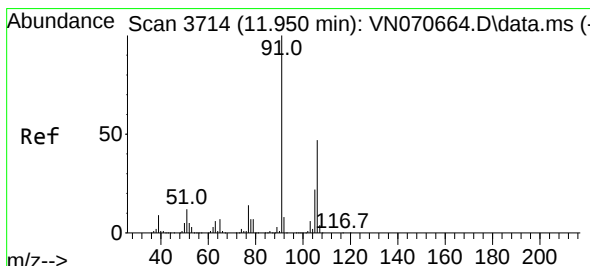
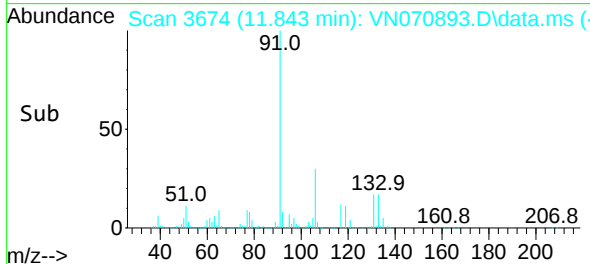
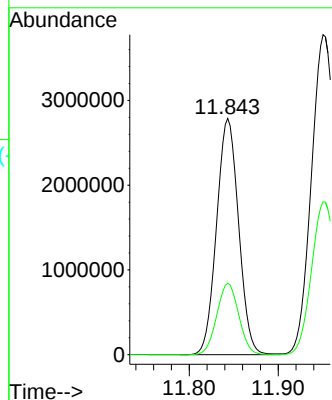
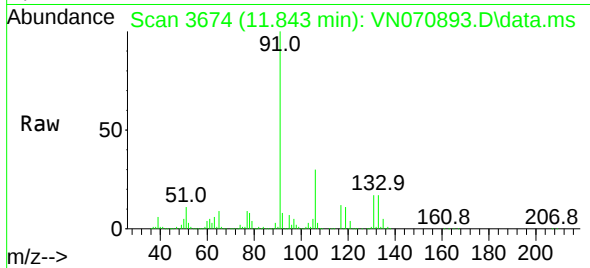
#67
Ethyl Benzene
Concen: 91.265 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 4792154
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

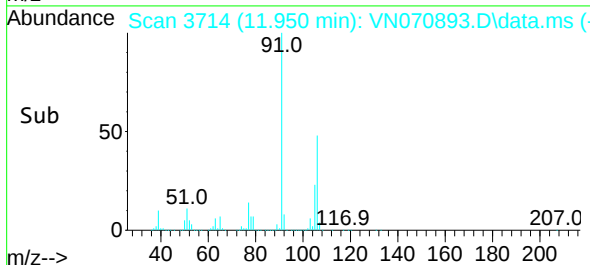
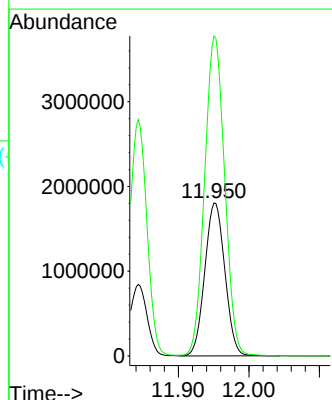
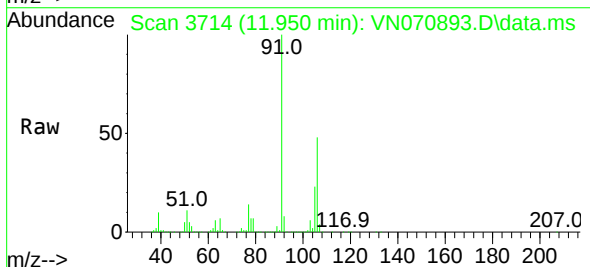
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#68
m/p-Xylenes
Concen: 186.744 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

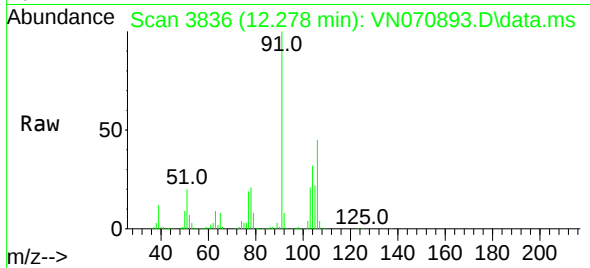
Tgt Ion:106 Resp: 3567150
Ion Ratio Lower Upper
106 100
91 208.9 160.6 240.8





#69
o-Xylene
Concen: 93.870 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.003 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

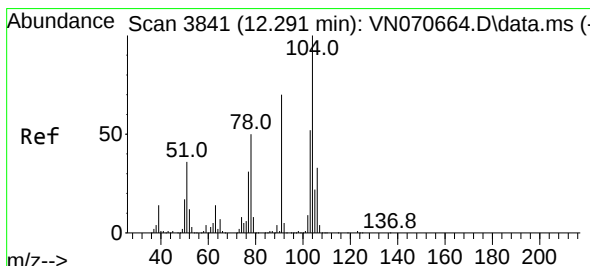
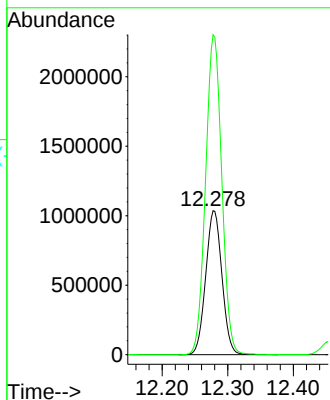
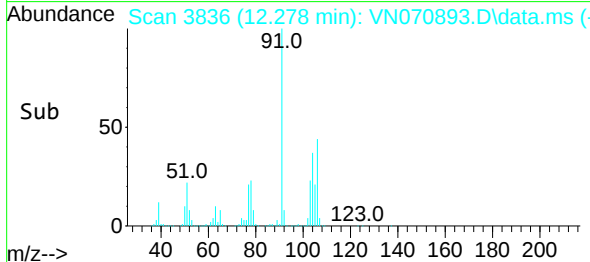
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:106 Resp: 1779440
Ion Ratio Lower Upper
106 100
91 222.0 105.8 317.3

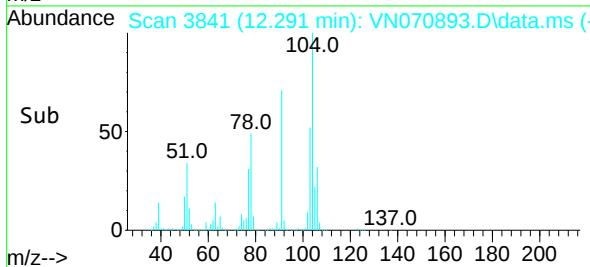
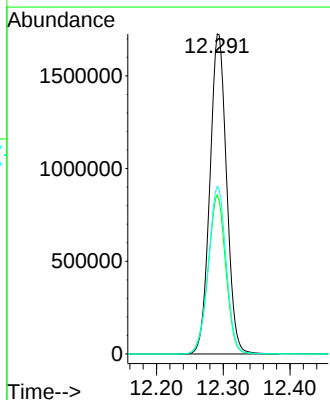
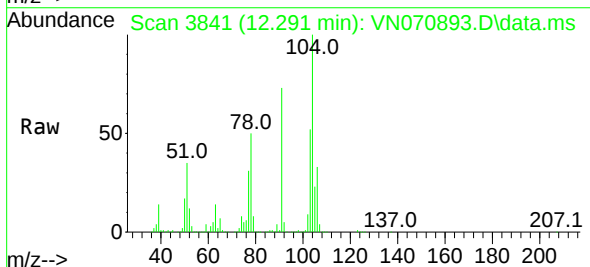
Manual Integrations
APPROVED

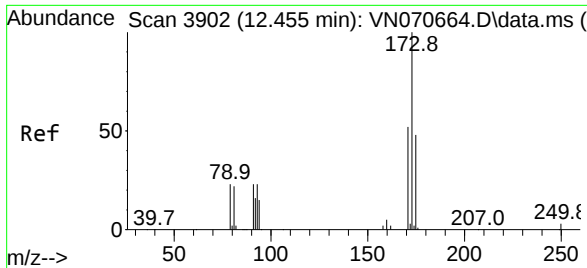
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#70
Styrene
Concen: 99.105 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

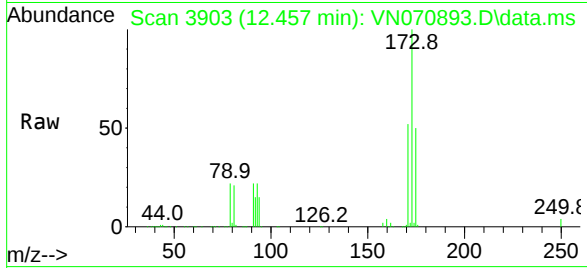
Tgt Ion:104 Resp: 3005469
Ion Ratio Lower Upper
104 100
78 52.5 38.7 58.1
103 55.4 45.0 67.6





#71
Bromoform
Concen: 107.703 ug/l
RT: 12.457 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

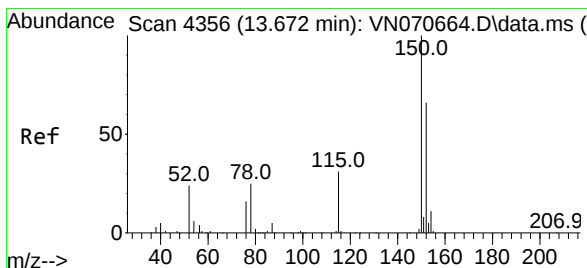
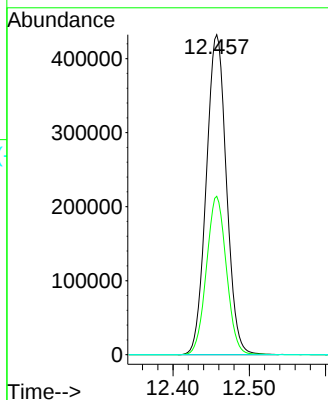
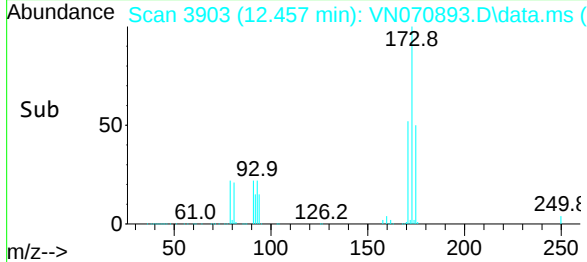
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



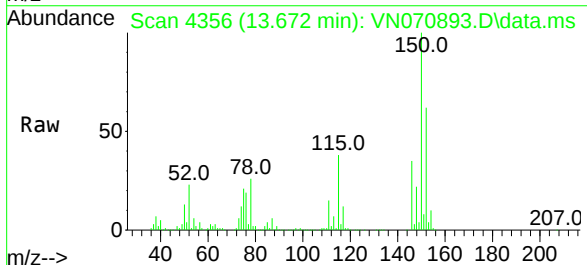
Tgt Ion:173 Resp: 793421
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

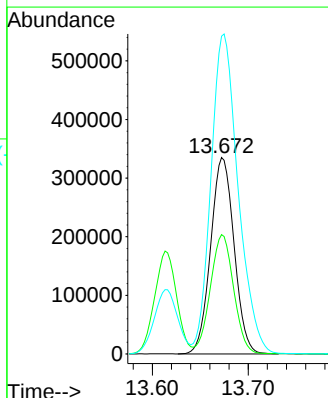
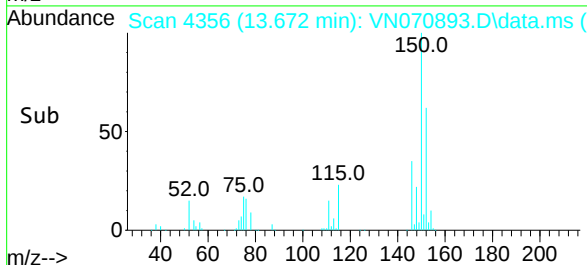
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

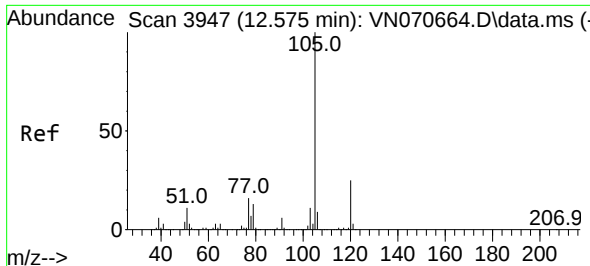


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



Tgt Ion:152 Resp: 569003
Ion Ratio Lower Upper
152 100
115 60.1 27.5 82.5
150 188.6 0.0 344.4





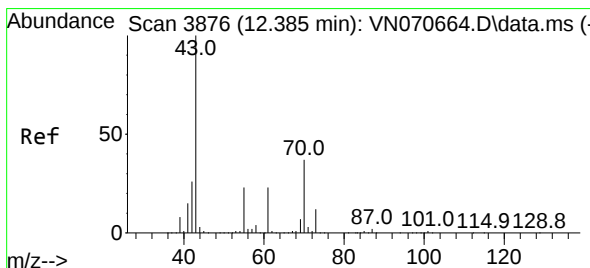
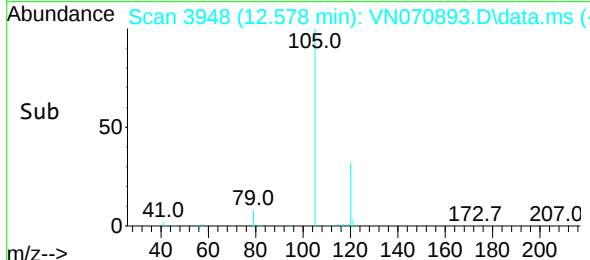
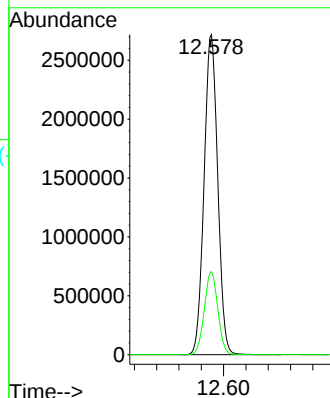
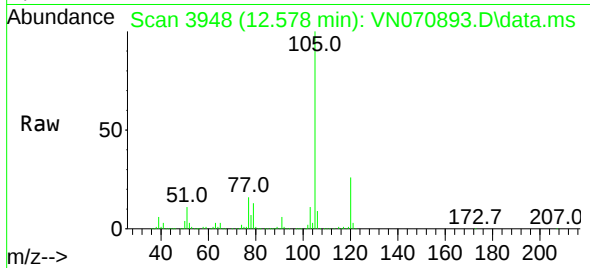
#73
Isopropylbenzene
Concen: 85.641 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:105 Resp: 4610108
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

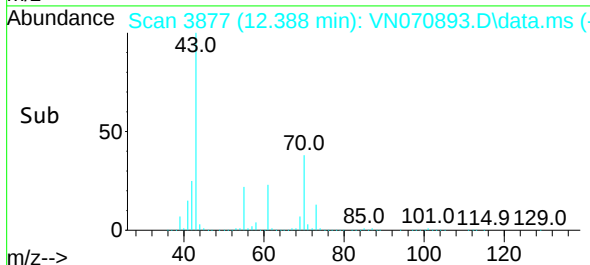
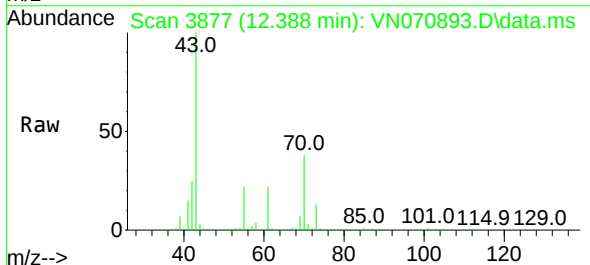
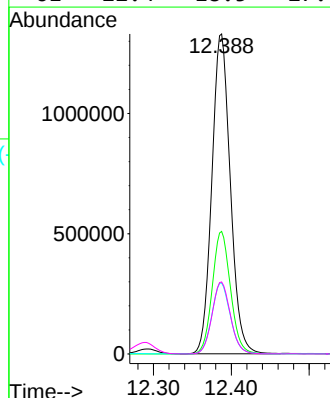
Manual Integrations
APPROVED

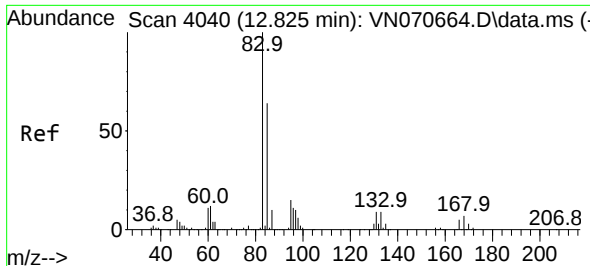
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#74
N-ethyl acetate
Concen: 99.392 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

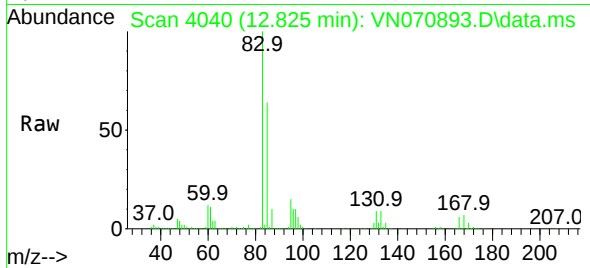
Tgt Ion: 43 Resp: 2187561
Ion Ratio Lower Upper
43 100
70 38.0 33.4 50.0
55 22.3 19.3 28.9
61 22.4 18.5 27.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 83.356 ug/l
 RT: 12.825 min Scan# 4040
 Delta R.T. -0.000 min
 Lab File: VN070893.D
 Acq: 2 Feb 2022 14:37

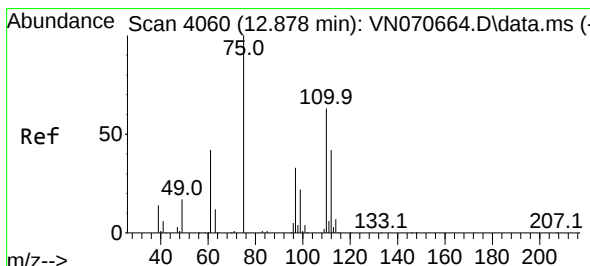
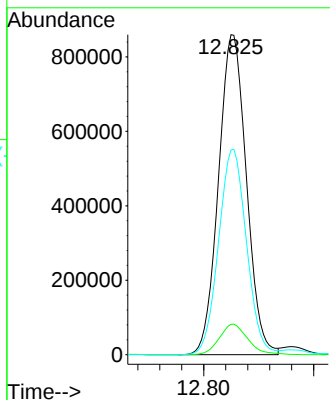
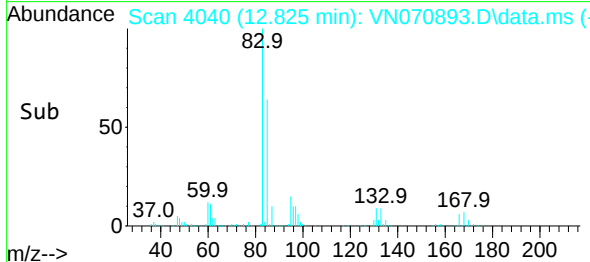
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



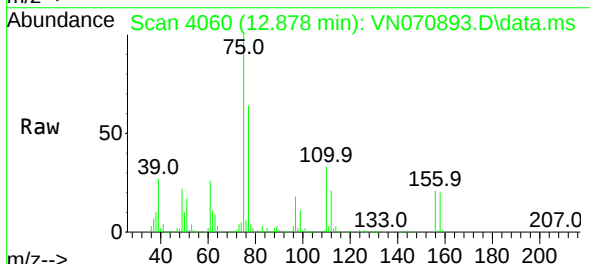
Tgt Ion: 83 Resp: 151539
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.5 16.5
 85 64.1 32.4 97.2

Manual Integrations
 APPROVED

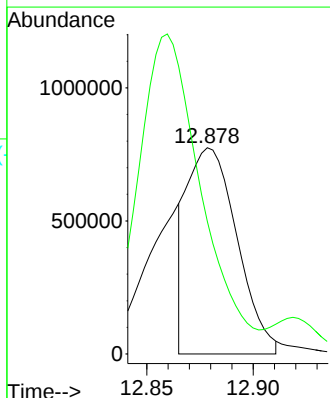
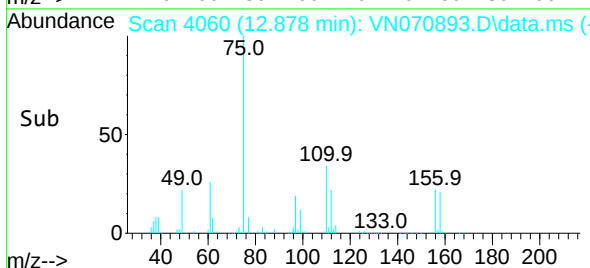
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022

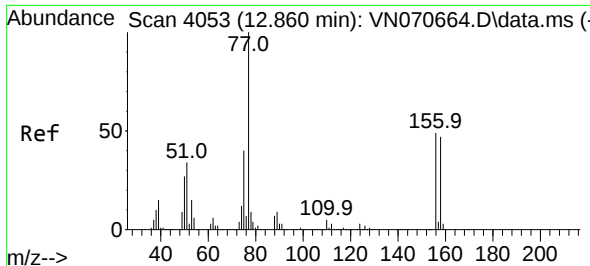


#76
 1,2,3-Trichloropropane
 Concen: 83.645 ug/l m
 RT: 12.878 min Scan# 4060
 Delta R.T. -0.000 min
 Lab File: VN070893.D
 Acq: 2 Feb 2022 14:37



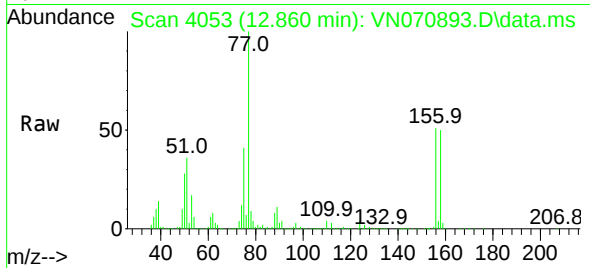
Tgt Ion: 75 Resp: 1262329
 Ion Ratio Lower Upper
 75 100
 77 196.5 82.6 247.8





#77
Bromobenzene
Concen: 90.257 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

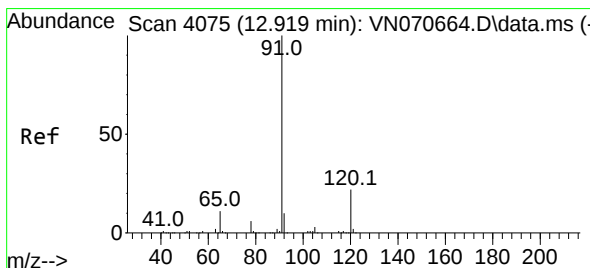
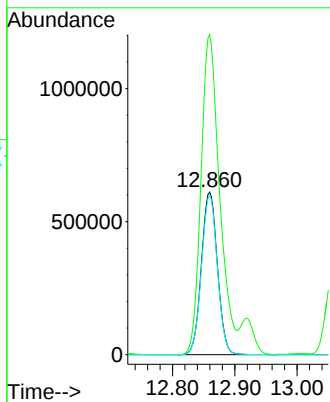
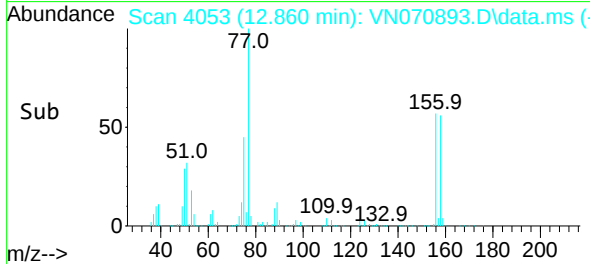
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



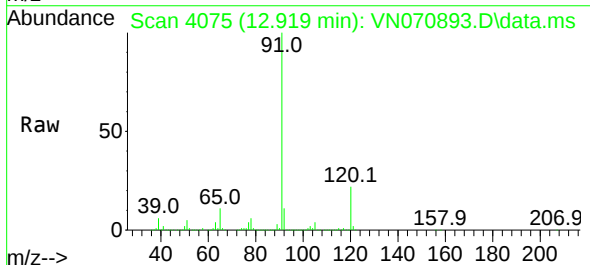
Tgt Ion:156 Resp: 1089334
Ion Ratio Lower Upper
156 100
77 227.7 90.6 271.8
158 97.0 48.9 146.7

Manual Integrations
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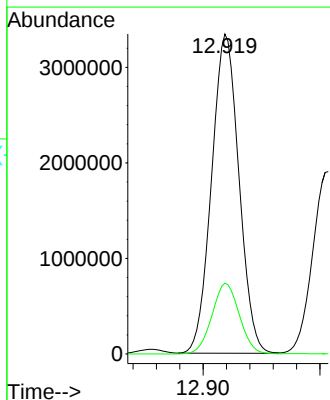
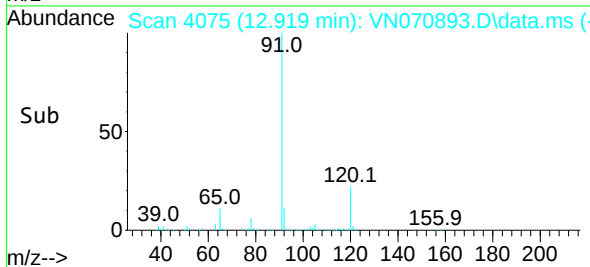
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

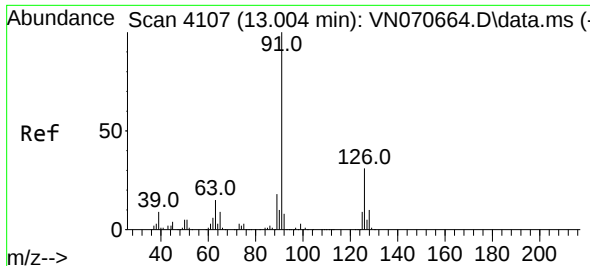


#78
n-propylbenzene
Concen: 90.236 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



Tgt Ion: 91 Resp: 5432299
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





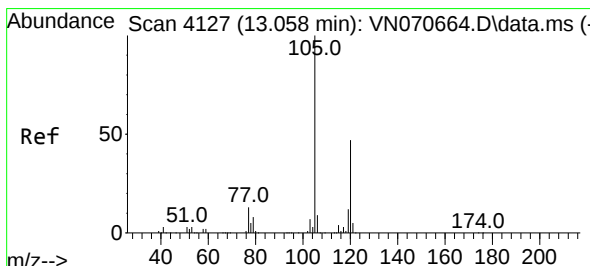
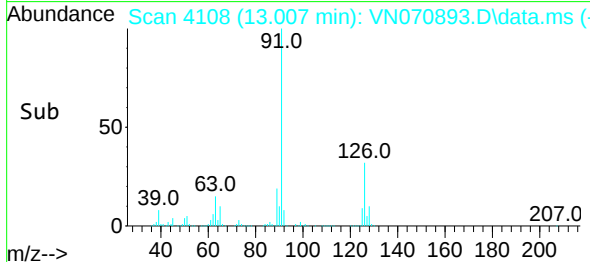
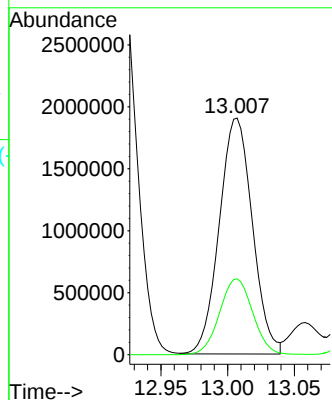
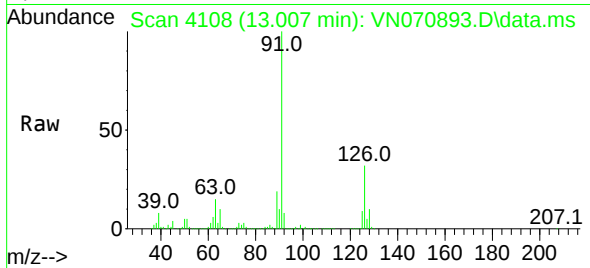
#79
2-Chlorotoluene
Concen: 86.301 ug/l
RT: 13.007 min Scan# 4107
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 328650
Ion Ratio Lower Upper
91 100
126 32.2 18.3 54.8

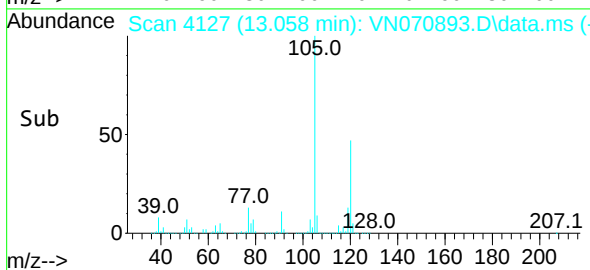
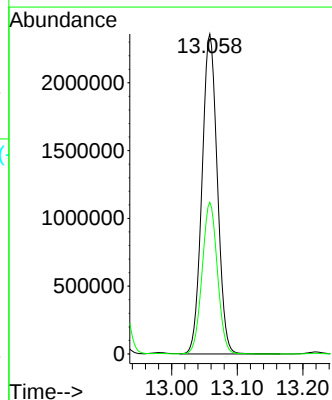
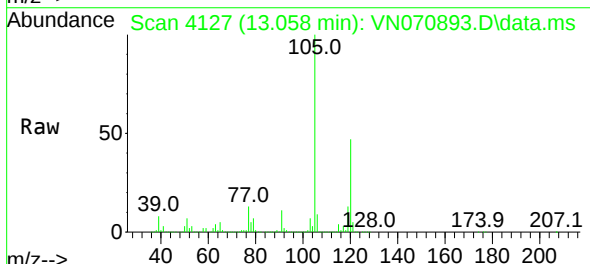
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 87.796 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

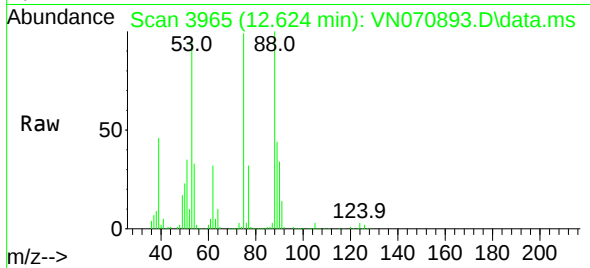
Tgt Ion:105 Resp: 3821898
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 102.667 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

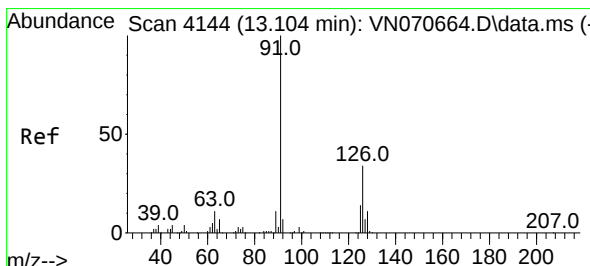
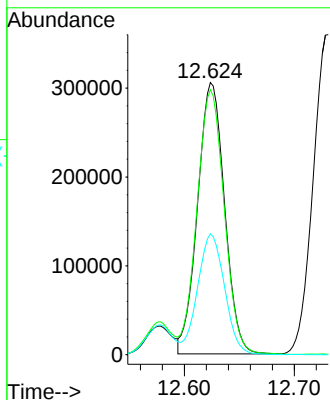
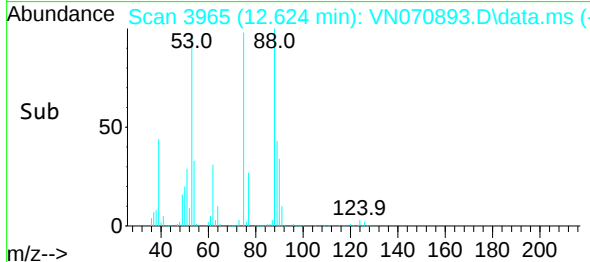
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



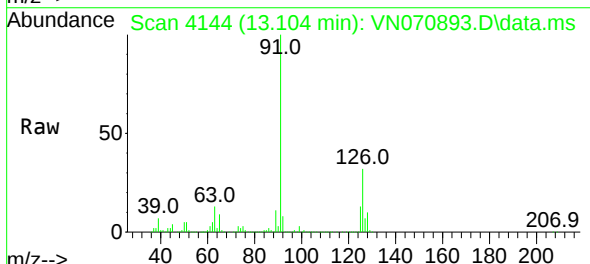
Tgt Ion: 75 Resp: 520070
Ion Ratio Lower Upper
75 100
53 98.9 90.5 135.7
89 44.6 38.2 57.4

Manual Integrations
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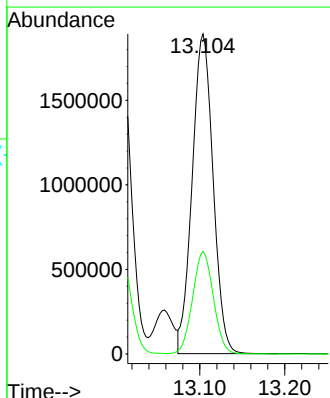
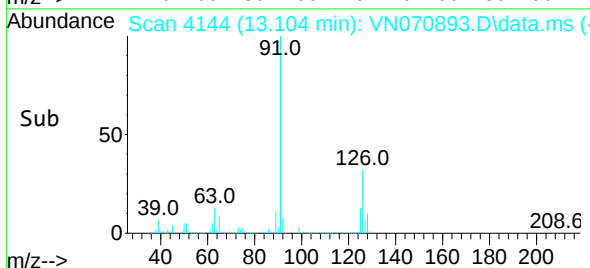
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

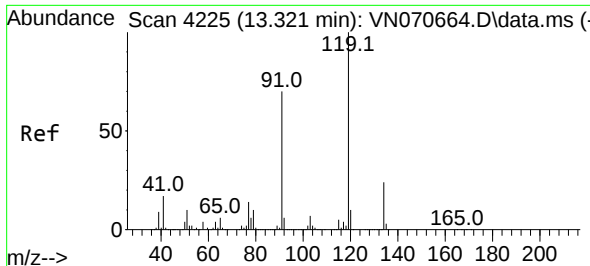


#82
4-Chlorotoluene
Concen: 90.614 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



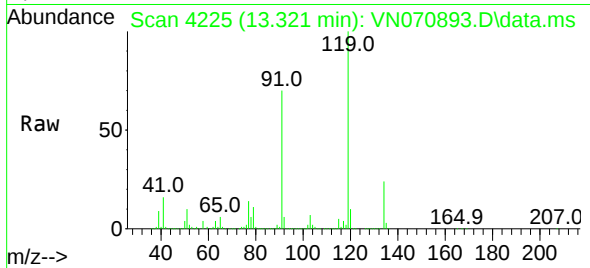
Tgt Ion: 91 Resp: 3224118
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 88.140 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

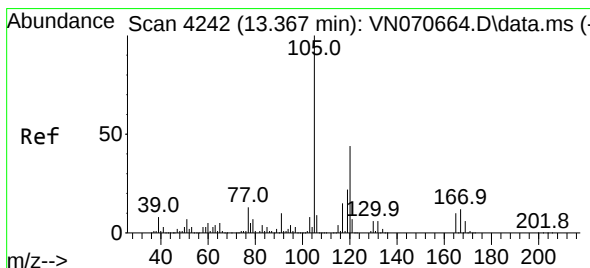
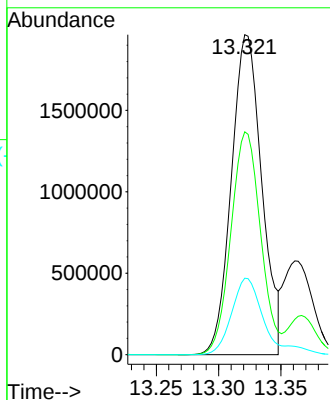
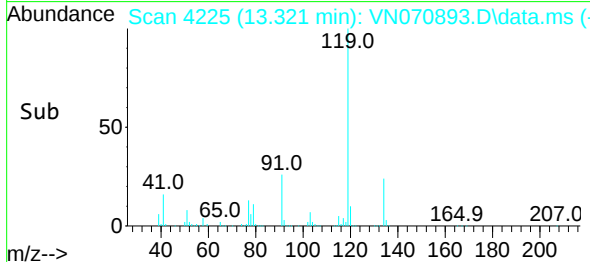
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



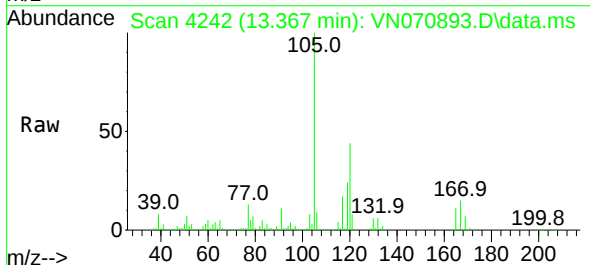
Tgt Ion:119 Resp: 3339919
Ion Ratio Lower Upper
119 100
91 68.1 31.5 94.5
134 25.6 12.4 37.4

Manual Integrations
APPROVED

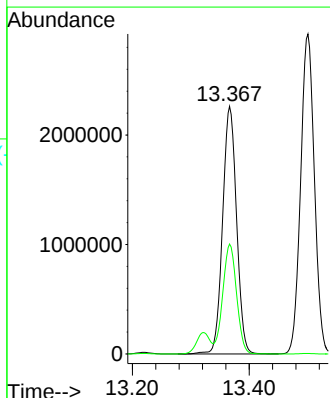
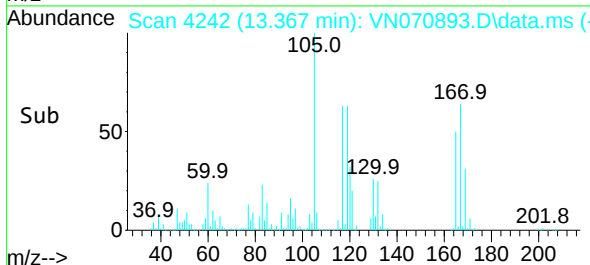
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

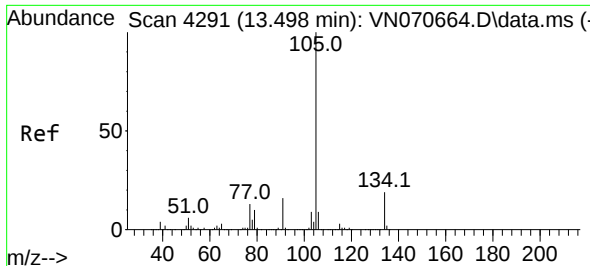


#84
1,2,4-Trimethylbenzene
Concen: 89.584 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



Tgt Ion:105 Resp: 3748533
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





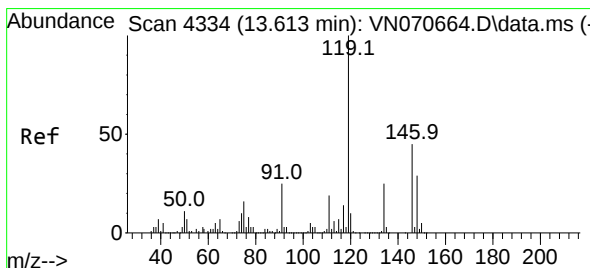
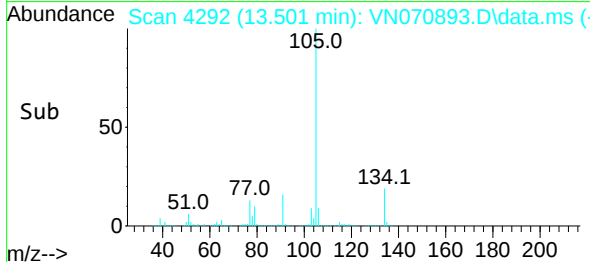
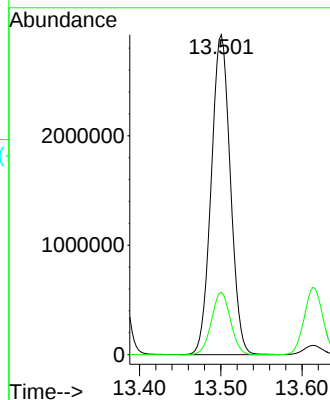
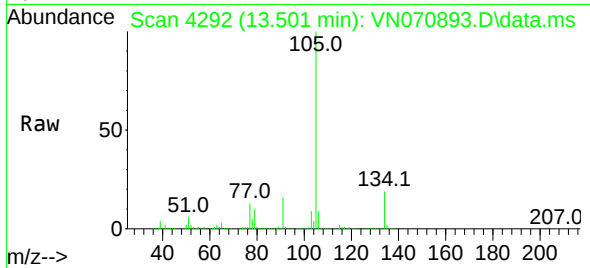
#85
 sec-Butylbenzene
 Concen: 92.702 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.000 min
 Lab File: VN070893.D
 Acq: 2 Feb 2022 14:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 4775638
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

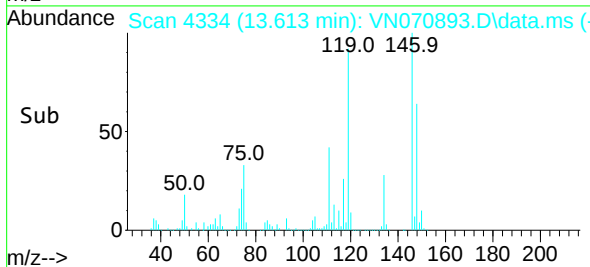
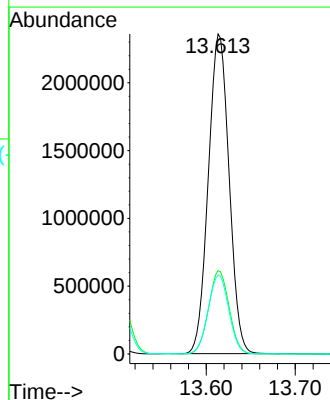
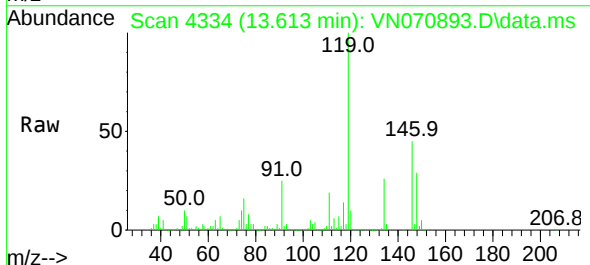
Manual Integrations
 APPROVED

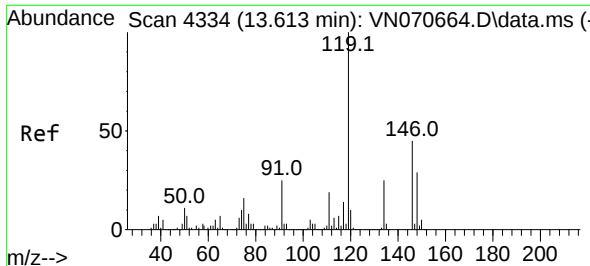
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#86
 p-Isopropyltoluene
 Concen: 94.188 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.000 min
 Lab File: VN070893.D
 Acq: 2 Feb 2022 14:37

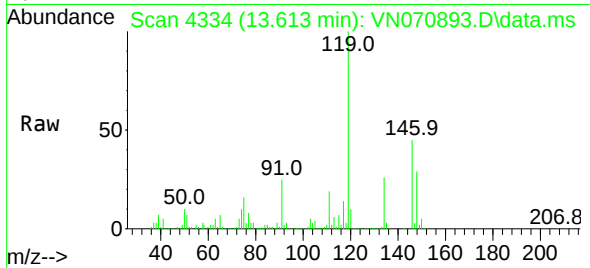
Tgt Ion:119 Resp: 3811683
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 24.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 92.104 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

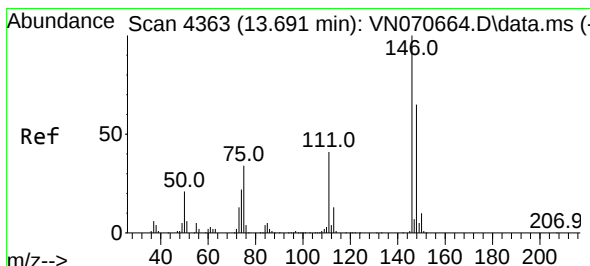
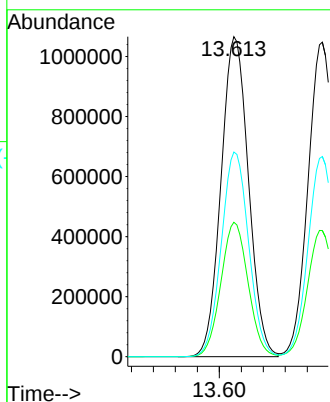
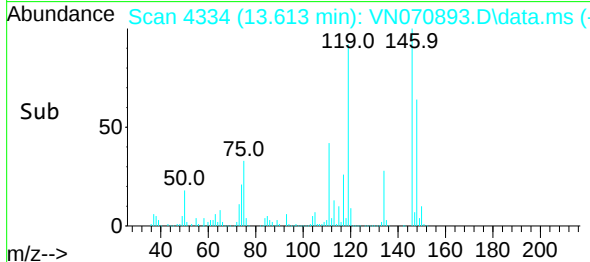
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



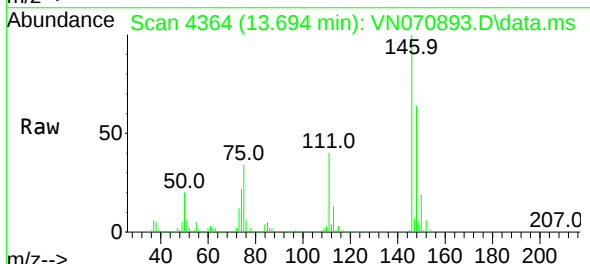
Tgt Ion:146 Resp: 1849169
Ion Ratio Lower Upper
146 100
111 41.6 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
APPROVED

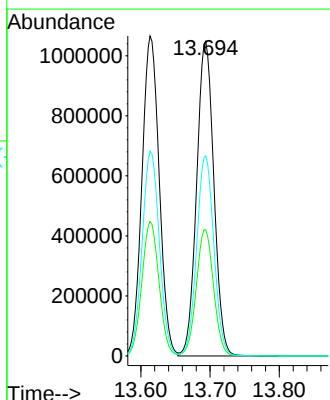
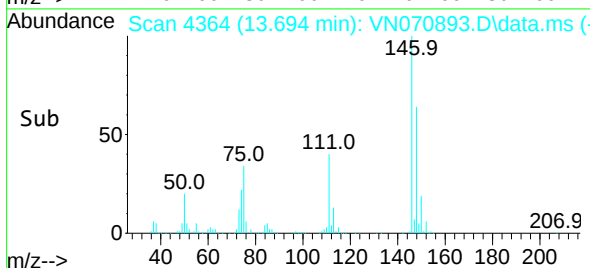
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

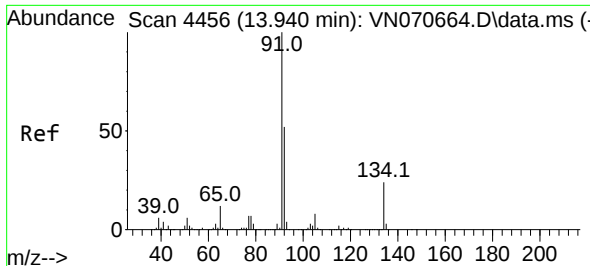


#88
1,4-Dichlorobenzene
Concen: 90.664 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



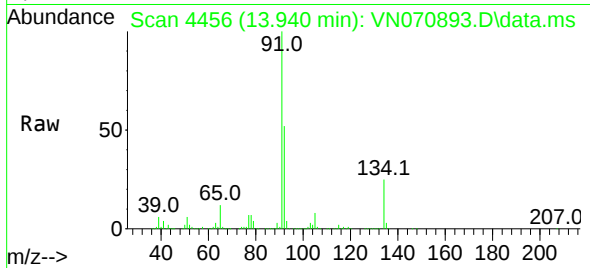
Tgt Ion:146 Resp: 1811488
Ion Ratio Lower Upper
146 100
111 40.0 18.3 54.8
148 63.5 31.8 95.4





#89
n-Butylbenzene
Concen: 100.459 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

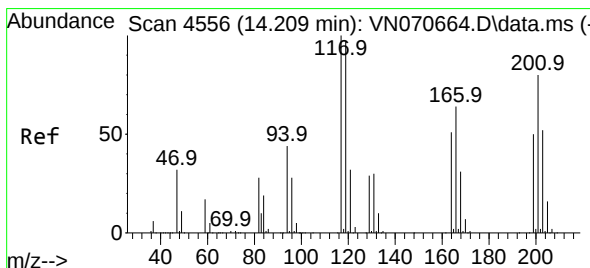
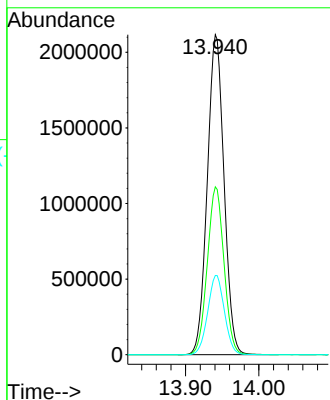
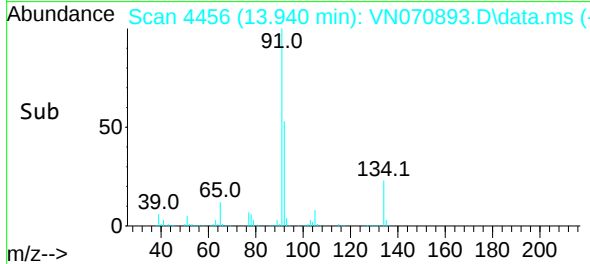
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 335386
Ion Ratio Lower Upper
91 100
92 52.4 25.4 76.0
134 24.7 13.6 40.8

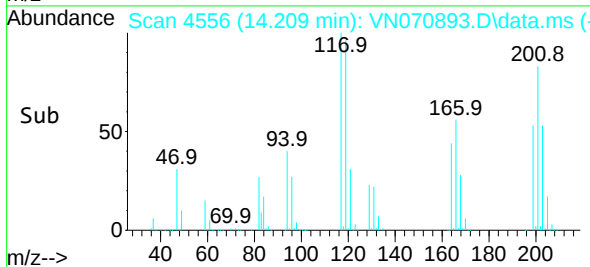
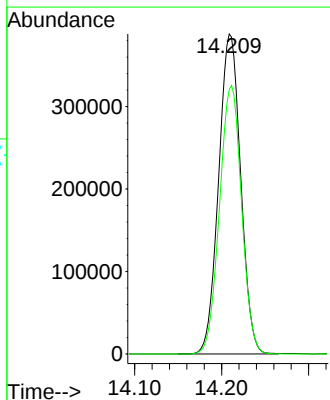
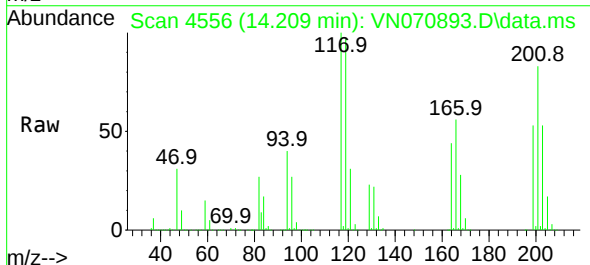
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#90
Hexachloroethane
Concen: 96.487 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

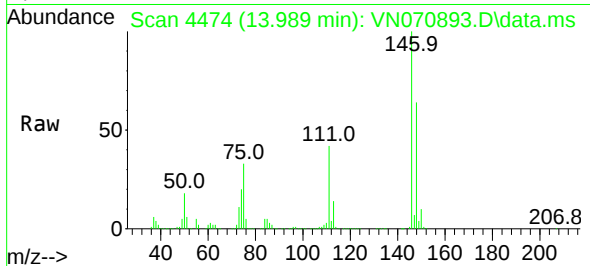
Tgt Ion:117 Resp: 682554
Ion Ratio Lower Upper
117 100
201 84.2 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 87.770 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

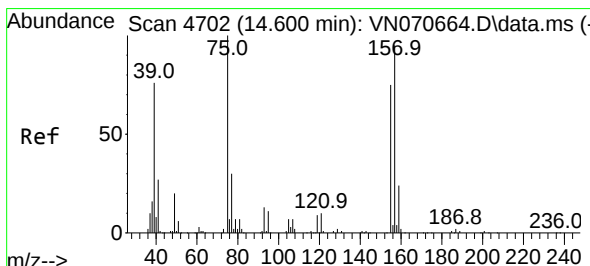
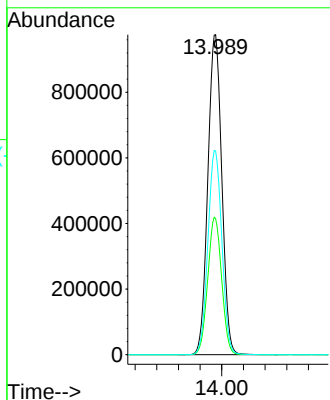
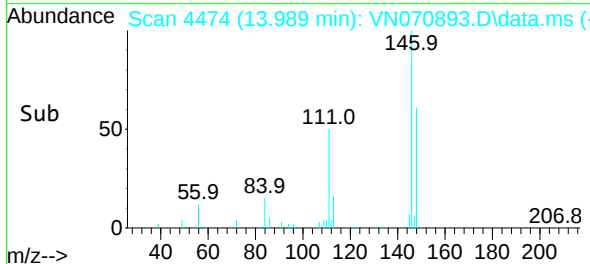
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:146 Resp: 174101
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 63.8 32.1 96.3

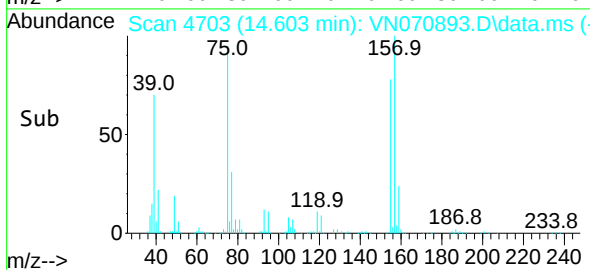
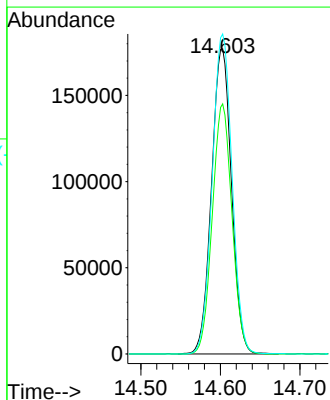
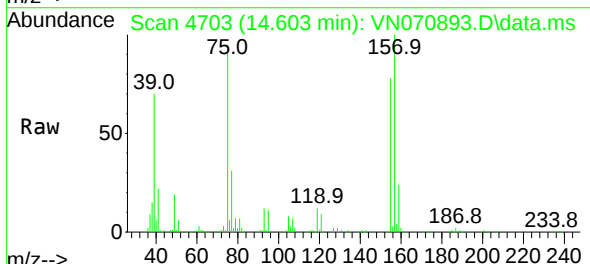
Manual Integrations
APPROVED

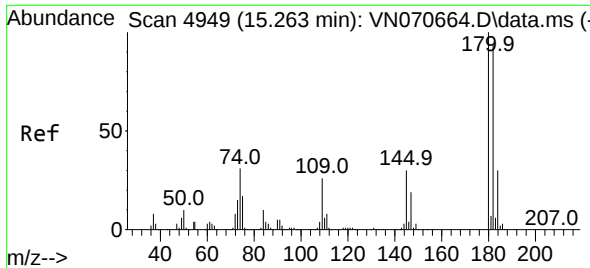
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 100.506 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

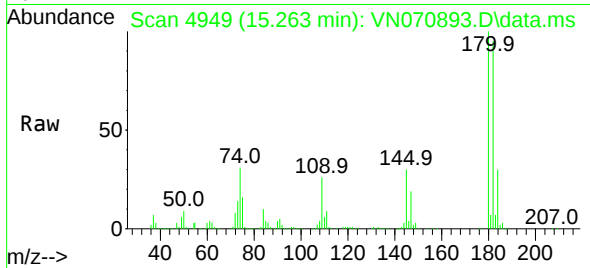
Tgt Ion: 75 Resp: 309942
Ion Ratio Lower Upper
75 100
155 80.6 46.9 140.7
157 104.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 113.975 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

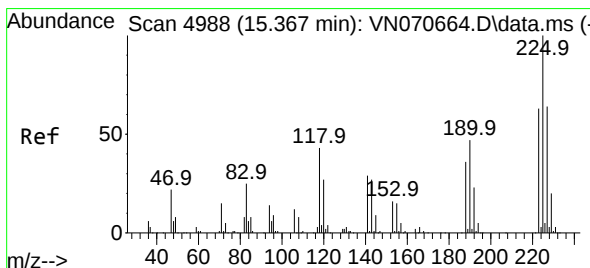
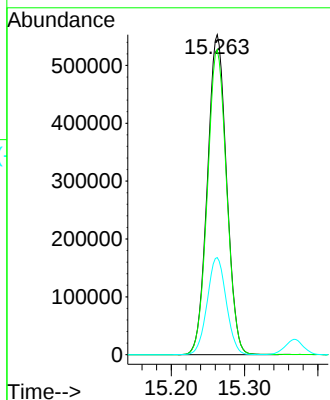
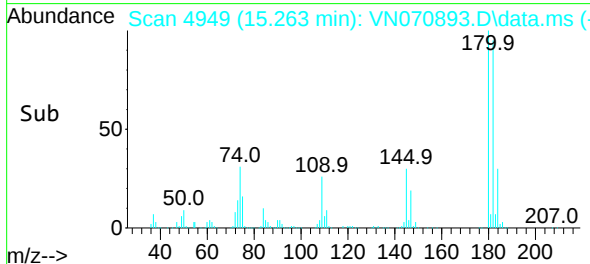
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



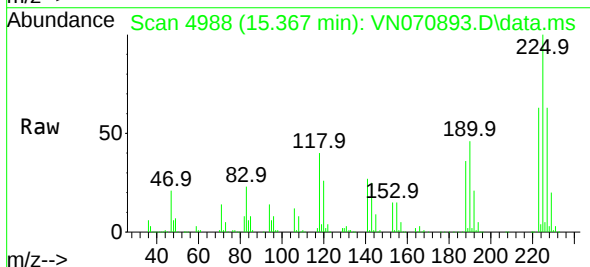
Tgt Ion:180 Resp: 1004090
Ion Ratio Lower Upper
180 100
182 95.5 48.3 144.9
145 30.2 14.5 43.5

Manual Integrations
APPROVED

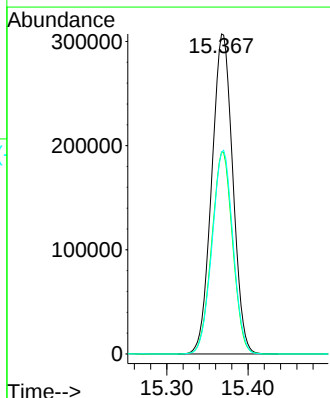
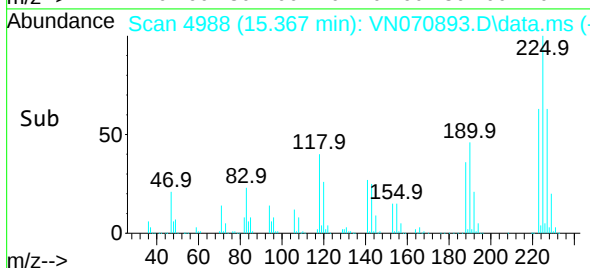
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

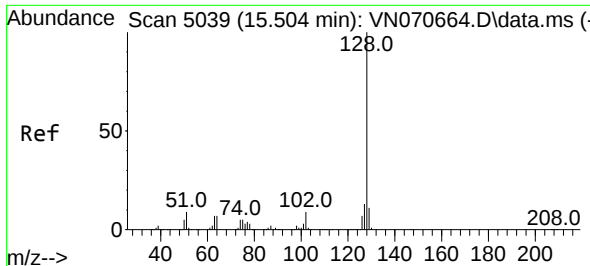


#94
Hexachlorobutadiene
Concen: 94.172 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



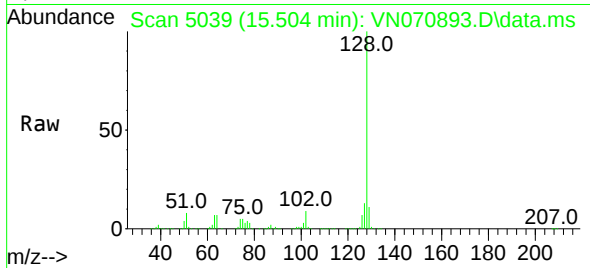
Tgt Ion:225 Resp: 553244
Ion Ratio Lower Upper
225 100
223 62.8 31.9 95.7
227 63.2 32.1 96.3





#95
Naphthalene
Concen: 127.403 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37

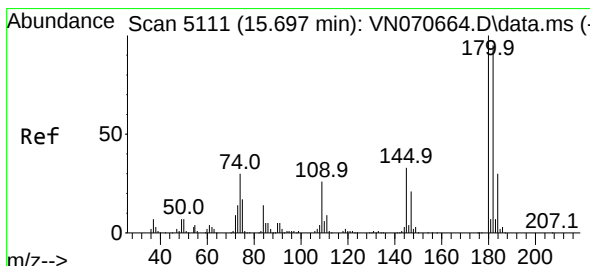
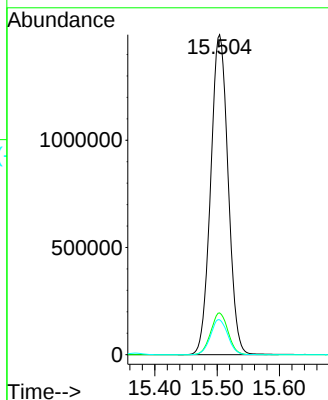
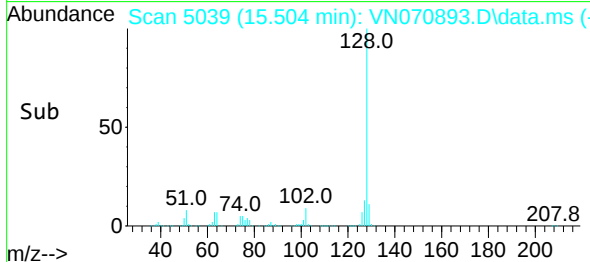
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



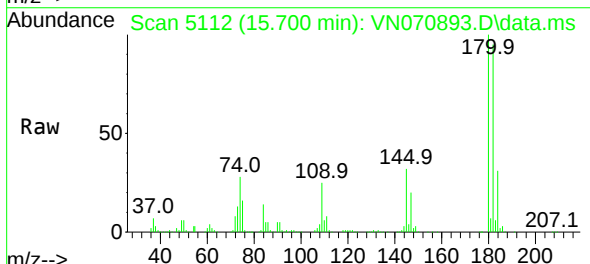
Tgt Ion:128 Resp: 290070
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#96
1,2,3-Trichlorobenzene
Concen: 115.085 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070893.D
Acq: 2 Feb 2022 14:37



Tgt Ion:180 Resp: 966454
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 32.0 15.0 45.1

