

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012622\
 Data File : VN070797.D
 Acq On : 26 Jan 2022 18:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 27 03:34:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	749108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1136838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1051060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	467287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	503124	46.864	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.720%		
35) Dibromofluoromethane	8.021	113	373408	52.952	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.900%		
50) Toluene-d8	10.441	98	1436068	48.340	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.680%		
62) 4-Bromofluorobenzene	12.728	95	513132	48.472	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	388027	44.826	ug/l	100
3) Chloromethane	2.303	50	573497	45.325	ug/l	99
4) Vinyl Chloride	2.448	62	528489	43.915	ug/l	99
5) Bromomethane	2.848	94	297319	47.435	ug/l	98
6) Chloroethane	3.017	64	329023	43.811	ug/l	97
7) Trichlorofluoromethane	3.376	101	650899	47.346	ug/l	98
8) Diethyl Ether	3.824	74	287730	47.912	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	383622	46.169	ug/l	95
10) Methyl Iodide	4.419	142	541661	50.553	ug/l	98
11) Tert butyl alcohol	5.377	59	488835	252.381	ug/l	98
12) 1,1-Dichloroethene	4.181	96	376595	45.443	ug/l	91
13) Acrolein	4.039	56	678304	244.181	ug/l	99
14) Allyl chloride	4.841	41	872142	48.300	ug/l #	84
15) Acrylonitrile	5.554	53	1521299	246.897	ug/l	99
16) Acetone	4.285	43	1490515	200.029	ug/l	97
17) Carbon Disulfide	4.529	76	1016382	45.158	ug/l	98
18) Methyl Acetate	4.857	43	715500	48.825	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	1445293	48.819	ug/l	95
20) Methylene Chloride	5.095	84	463348	47.206	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	395103	47.371	ug/l	88
22) Diisopropyl ether	6.495	45	1667881	46.602	ug/l	93
23) Vinyl Acetate	6.434	43	7362019	242.662	ug/l	95
24) 1,1-Dichloroethane	6.385	63	841777	47.020	ug/l	98
25) 2-Butanone	7.335	43	2097988	223.749	ug/l	92
26) 2,2-Dichloropropane	7.327	77	636640	46.382	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	458235	46.249	ug/l	86
28) Bromochloromethane	7.657	49	375889	46.765	ug/l #	76
29) Tetrahydrofuran	7.683	42	1361548	237.150	ug/l	88
30) Chloroform	7.818	83	779193	44.515	ug/l	99
31) Cyclohexane	8.094	56	774223	40.954	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	647154	46.572	ug/l	96
36) 1,1-Dichloropropene	8.220	75	569035	47.932	ug/l	96
37) Ethyl Acetate	7.413	43	798720	50.677	ug/l	97
38) Carbon Tetrachloride	8.206	117	536394	50.789	ug/l	99
39) Methylcyclohexane	9.459	83	652747	44.538	ug/l	88
40) Benzene	8.459	78	1722705	46.832	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	410335	51.174	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	604179	47.369	ug/l	99
43) Isopropyl Acetate	8.560	43	1164393	48.369	ug/l #	96
44) Trichloroethene	9.215	130	375600	45.041	ug/l	90
45) 1,2-Dichloropropane	9.488	63	458549	45.817	ug/l	99
46) Dibromomethane	9.577	93	277021	47.603	ug/l	94
47) Bromodichloromethane	9.759	83	567198	47.681	ug/l	99
48) Methyl methacrylate	9.558	41	521606	45.482	ug/l #	84
49) 1,4-Dioxane	9.566	88	173263	1005.776	ug/l #	85
51) 4-Methyl-2-Pentanone	10.331	43	3656699	238.050	ug/l	98
52) Toluene	10.505	92	1003722	45.616	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	623730	43.563	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	691048	48.440	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	405694	46.933	ug/l	97
56) Ethyl methacrylate	10.760	69	715533	43.822	ug/l	90
57) 1,3-Dichloropropane	11.041	76	730285	47.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	891955	216.943	ug/l	91
59) 2-Hexanone	11.084	43	2705525	242.450	ug/l	96
60) Dibromochloromethane	11.237	129	403613	50.058	ug/l	99
61) 1,2-Dibromoethane	11.344	107	407227	46.922	ug/l	98
64) Tetrachloroethene	10.977	164	327804	42.536	ug/l	96
65) Chlorobenzene	11.768	112	1041340	45.728	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	376735	48.042	ug/l	100
67) Ethyl Benzene	11.843	91	1960965	46.446	ug/l	95
68) m/p-Xylenes	11.950	106	1427020	92.909	ug/l	91
69) o-Xylene	12.278	106	723036	47.436	ug/l	90
70) Styrene	12.291	104	1186699	48.666	ug/l	95
71) Bromoform	12.455	173	307412	51.897	ug/l #	100
73) Isopropylbenzene	12.575	105	1872427	42.355	ug/l	98
74) N-amyl acetate	12.385	43	811832	44.915	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	634487	42.498	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	553652m	44.672	ug/l	
77) Bromobenzene	12.860	156	425199	42.899	ug/l	74
78) n-propylbenzene	12.919	91	2196000	44.418	ug/l	96
79) 2-Chlorotoluene	13.004	91	1341249	42.886	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	1615412	45.187	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	195918	47.094	ug/l	94
82) 4-Chlorotoluene	13.104	91	1317506	45.089	ug/l	92
83) tert-Butylbenzene	13.321	119	1365927	43.893	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	1554975	45.251	ug/l	97
85) sec-Butylbenzene	13.498	105	1907524	45.088	ug/l	97
86) p-Isopropyltoluene	13.613	119	1521334	45.776	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	727247	44.108	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	725266	44.200	ug/l	97
89) n-Butylbenzene	13.940	91	1244375	45.386	ug/l	97
90) Hexachloroethane	14.209	117	270942	46.638	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	705029	43.279	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	114554	45.233	ug/l	80
93) 1,2,4-Trichlorobenzene	15.260	180	338214	39.918	ug/l	98
94) Hexachlorobutadiene	15.367	225	221091	45.825	ug/l	100
95) Naphthalene	15.504	128	889138	38.011	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	329569	40.583	ug/l	99

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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

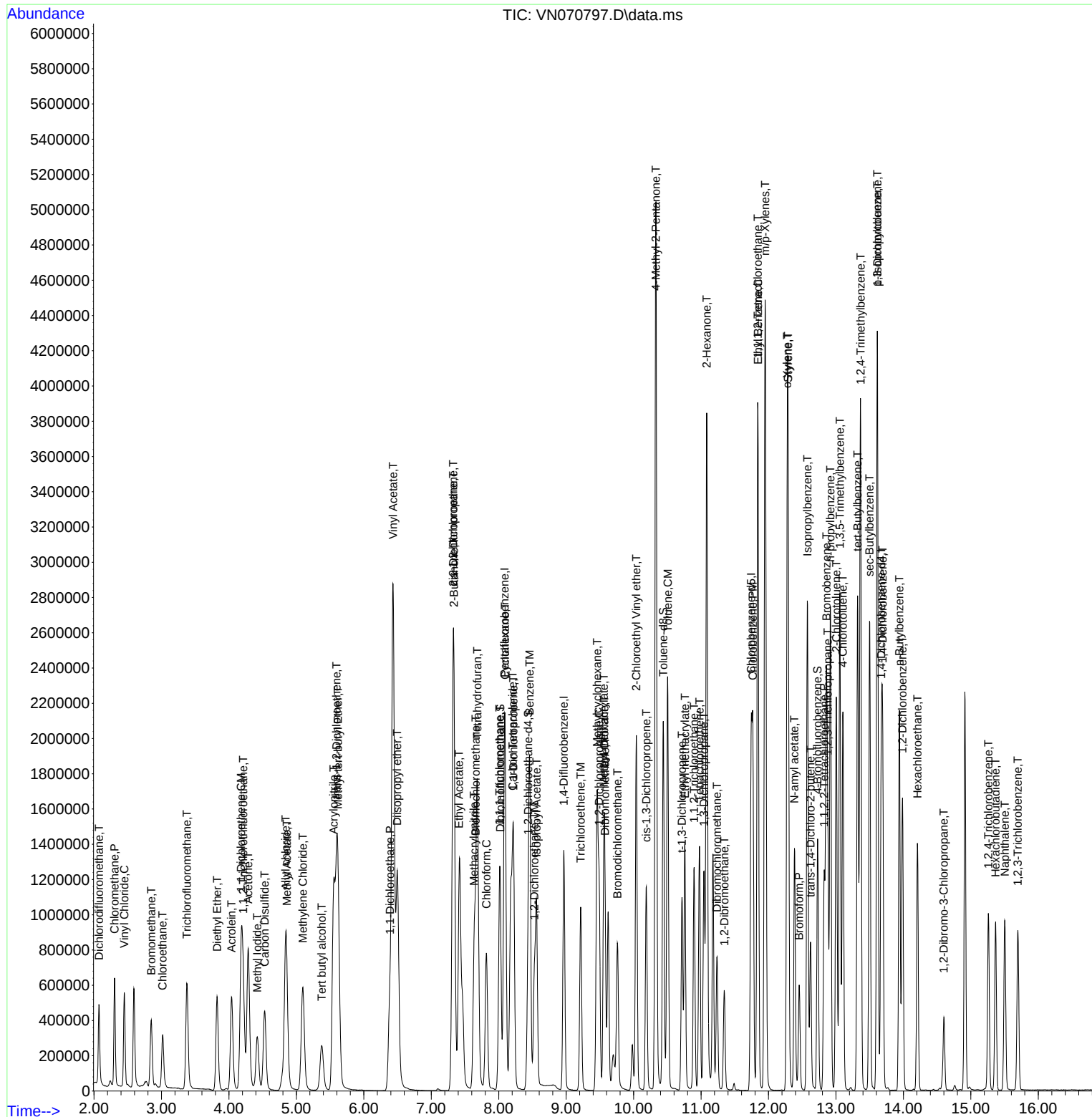
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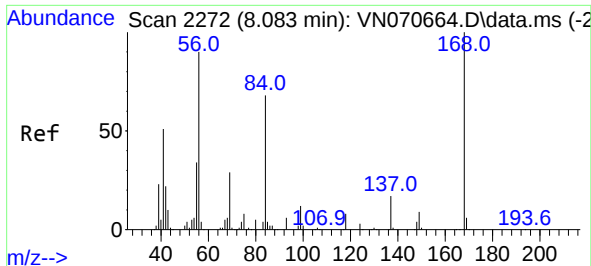
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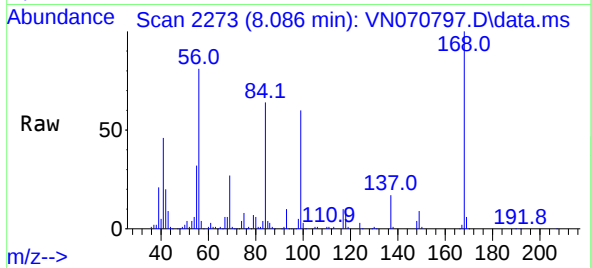
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
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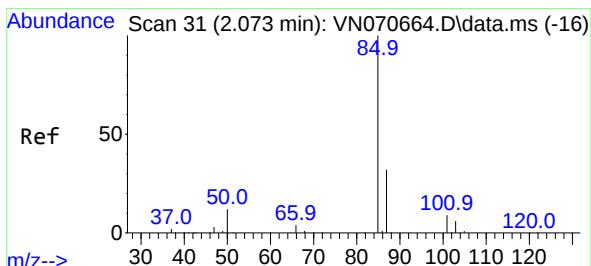
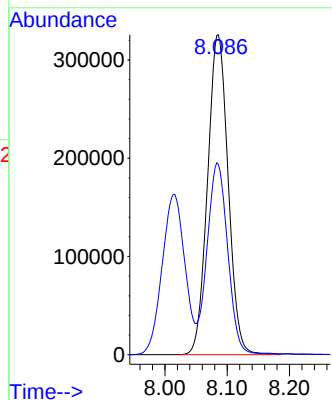
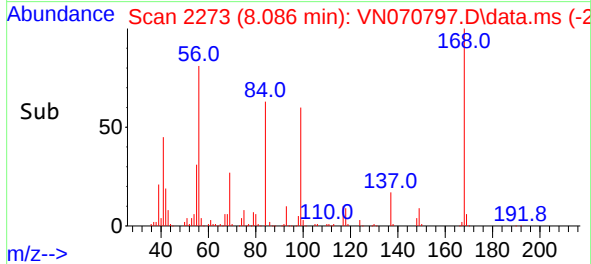
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Tgt Ion:168 Resp: 749108
Ion Ratio Lower Upper
168 100
99 59.3 41.3 61.9

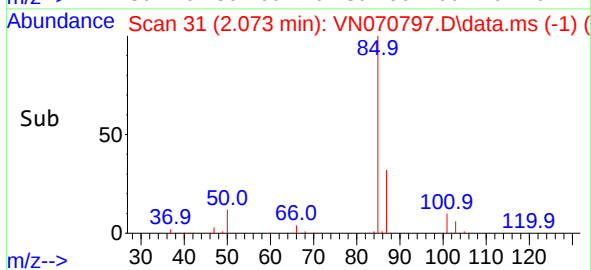
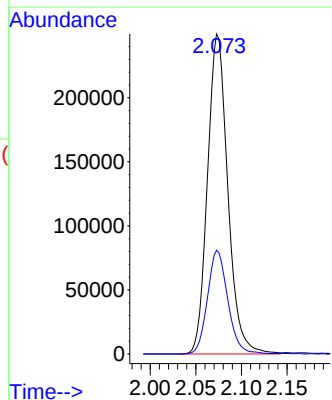
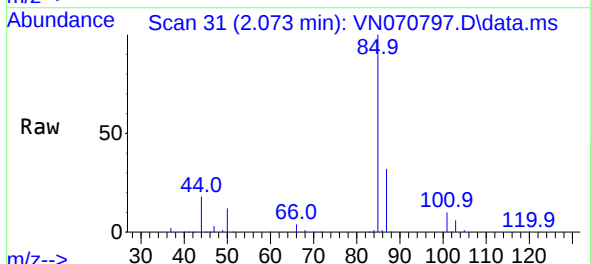
Manual Integrations
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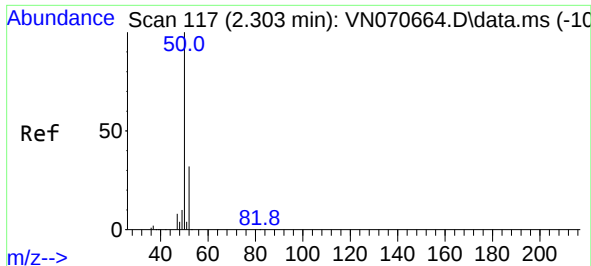
Reviewed By :John Carlone 01/27/2022
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#2
Dichlorodifluoromethane
Concen: 44.826 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

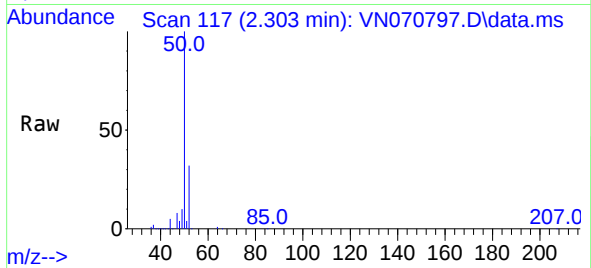
Tgt Ion: 85 Resp: 388027
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.9





#3
Chloromethane
Concen: 45.325 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

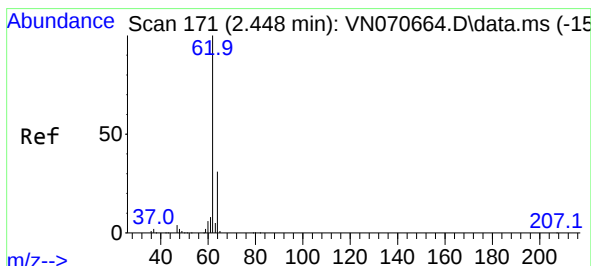
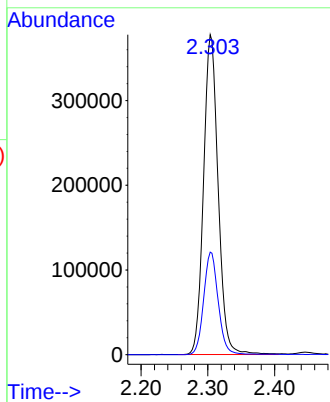
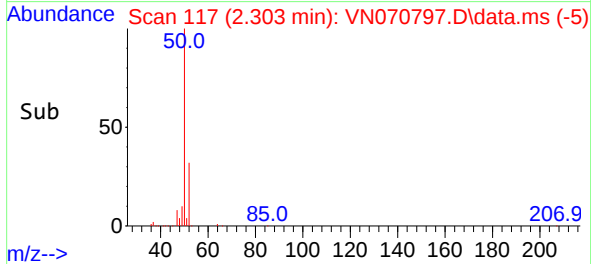
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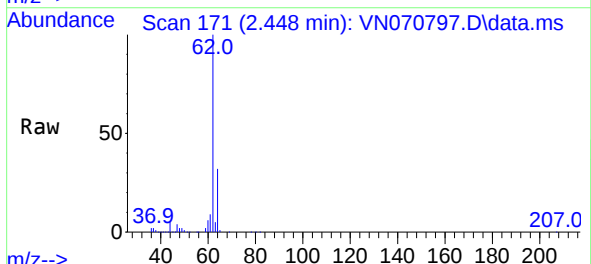
Tgt Ion: 50 Resp: 57349
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.0

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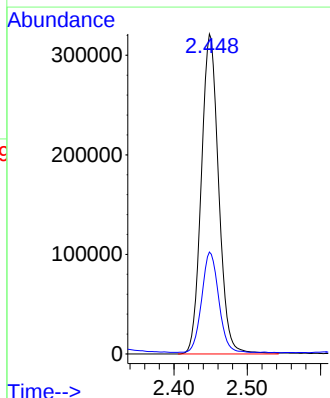
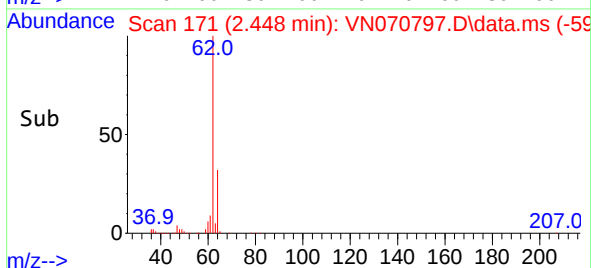
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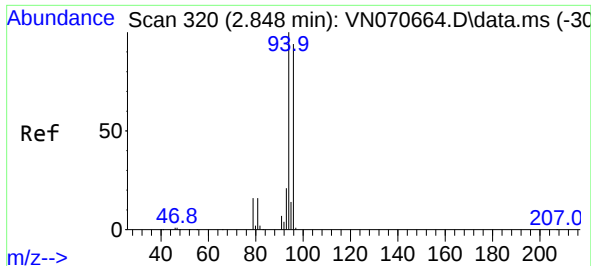


#4
Vinyl Chloride
Concen: 43.915 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



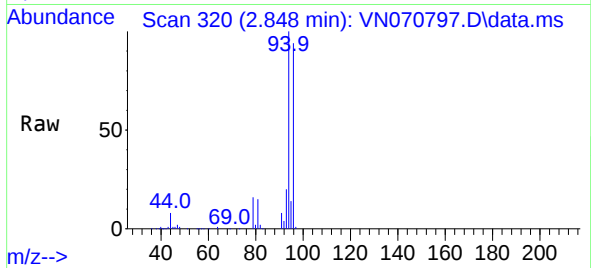
Tgt Ion: 62 Resp: 528489
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





#5
Bromomethane
Concen: 47.435 ug/l
RT: 2.848 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

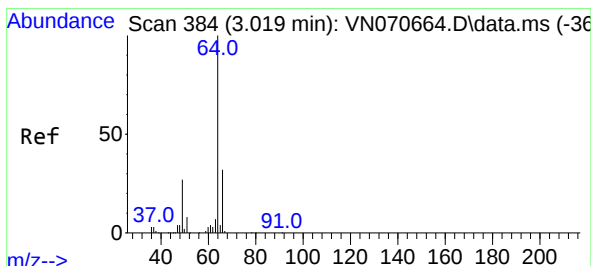
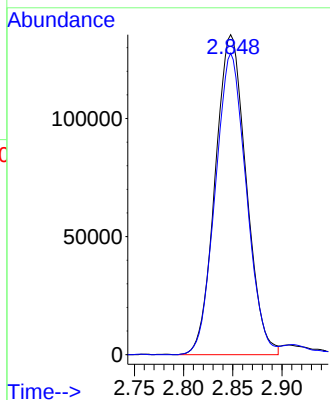
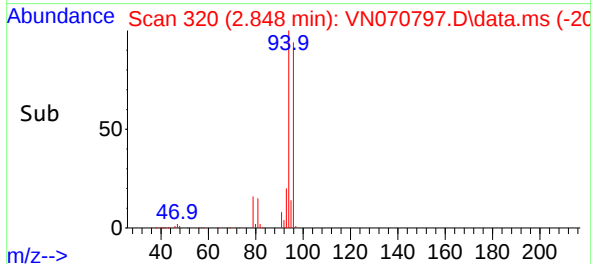
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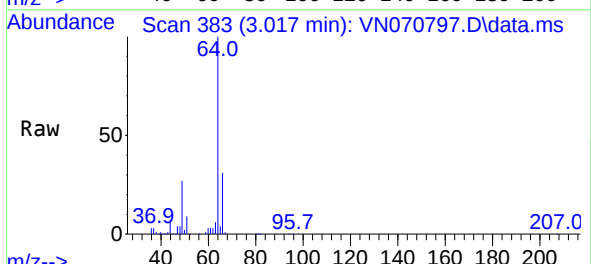
Tgt Ion: 94 Resp: 297319
Ion Ratio Lower Upper
94 100
96 94.2 73.8 110.8

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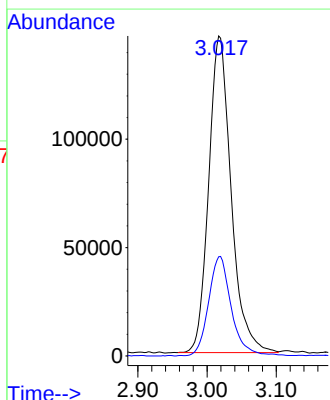
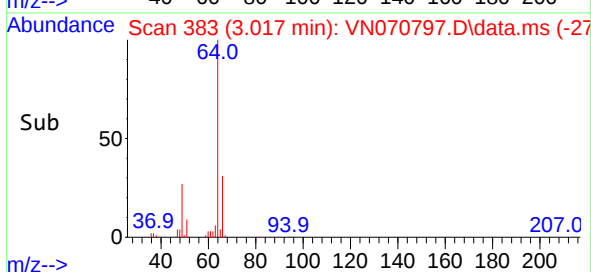
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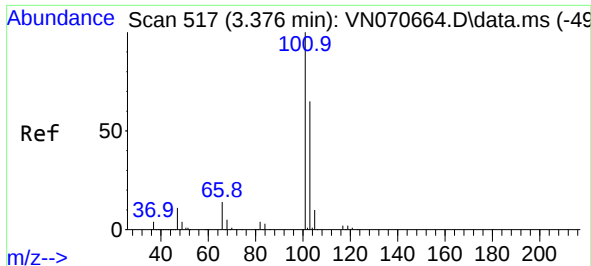


#6
Chloroethane
Concen: 43.811 ug/l
RT: 3.017 min Scan# 383
Delta R.T. -0.002 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



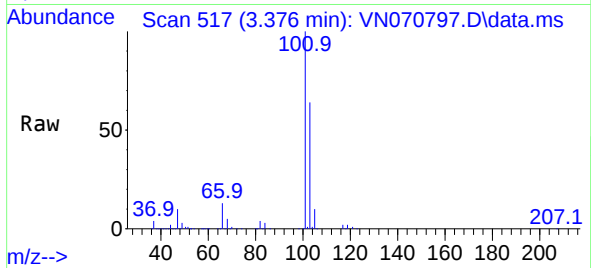
Tgt Ion: 64 Resp: 329023
Ion Ratio Lower Upper
64 100
66 31.2 26.3 39.5





#7
Trichlorofluoromethane
Concen: 47.346 ug/l
RT: 3.376 min Scan# 517
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

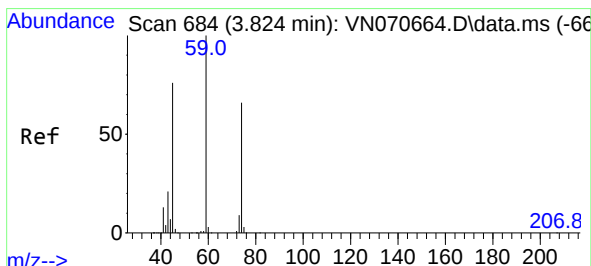
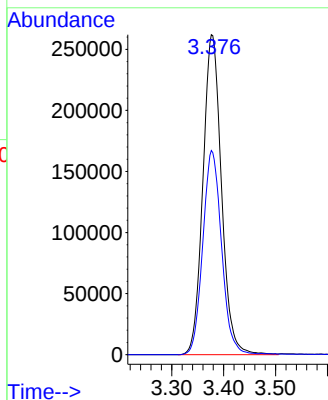
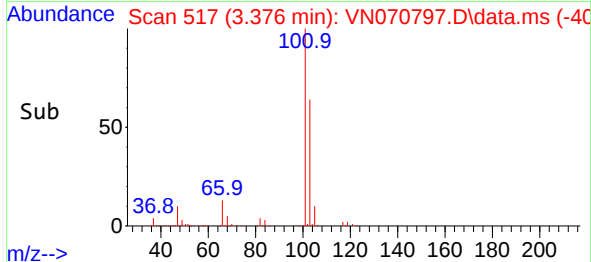
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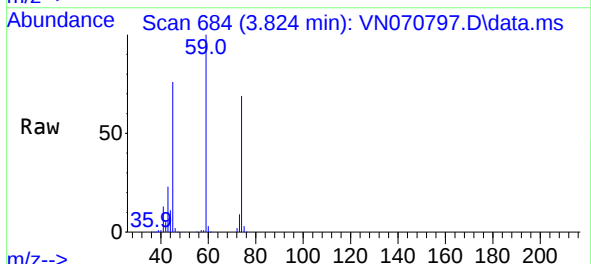
Tgt Ion:101 Resp: 650899
Ion Ratio Lower Upper
101 100
103 63.8 50.1 75.1

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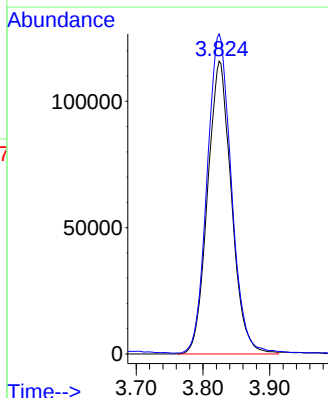
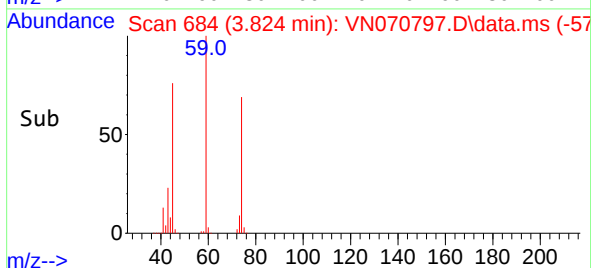
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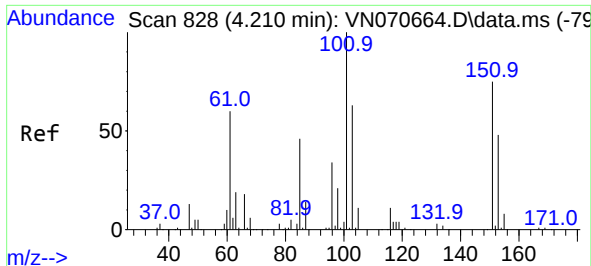


#8
Diethyl Ether
Concen: 47.912 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.000 min
Lab File: VN070797.D
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Tgt Ion: 74 Resp: 287730
Ion Ratio Lower Upper
74 100
45 110.4 47.0 141.2





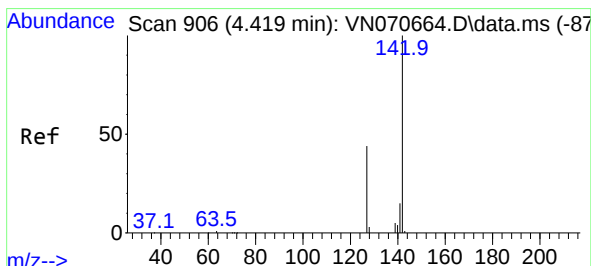
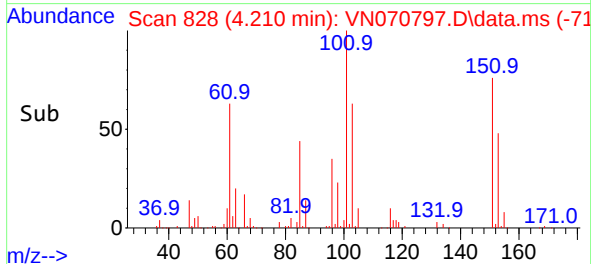
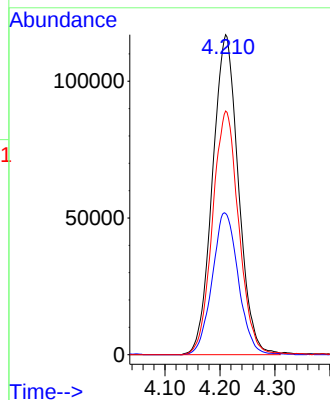
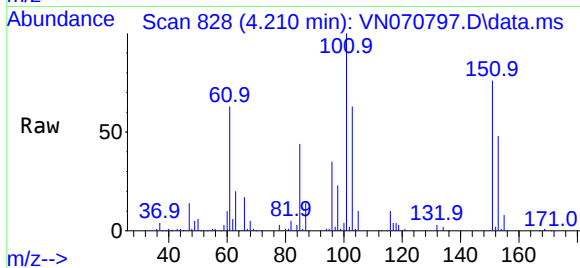
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.169 ug/l
RT: 4.210 min Scan# 828
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 38362
Ion Ratio Lower Upper
101 100
85 44.7 37.2 55.8
151 76.8 65.9 98.9

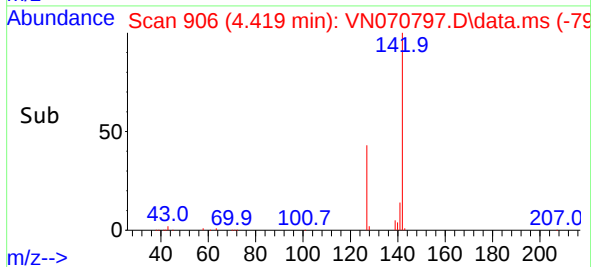
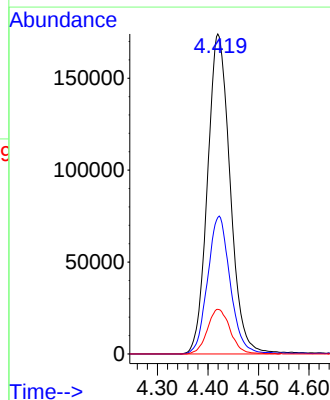
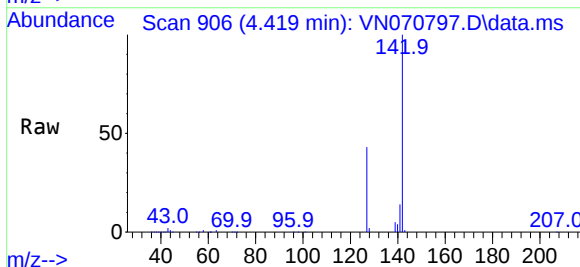
Manual Integrations
APPROVED

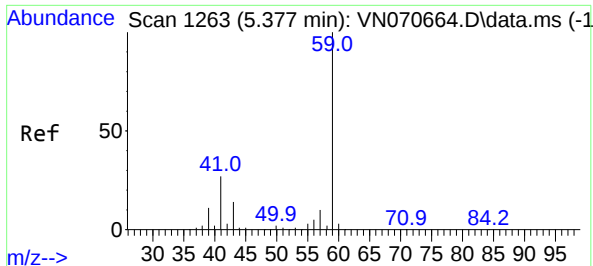
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#10
Methyl Iodide
Concen: 50.553 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Tgt Ion:142 Resp: 541661
Ion Ratio Lower Upper
142 100
127 42.9 35.4 53.0
141 14.1 11.6 17.4





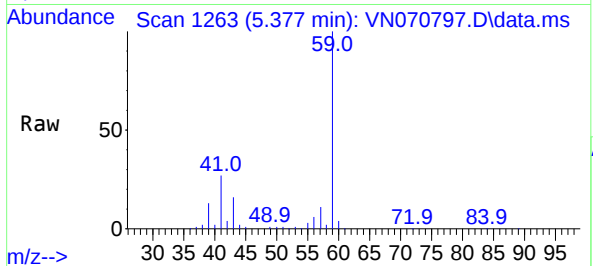
#11
Tert butyl alcohol
Concen: 252.381 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

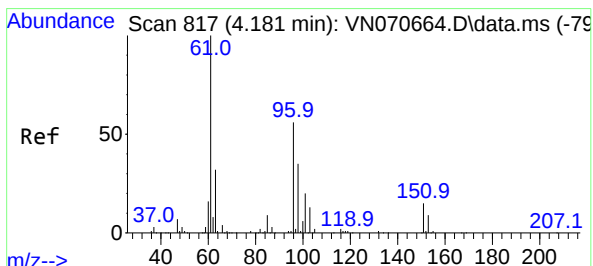
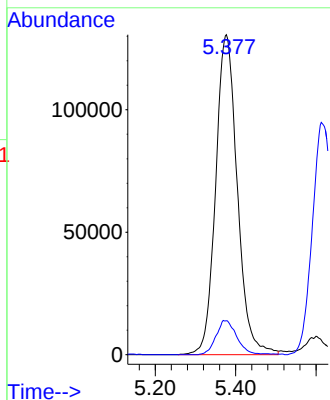
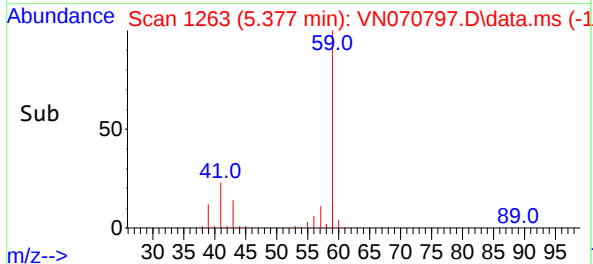


Tgt Ion: 59 Resp: 488835
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

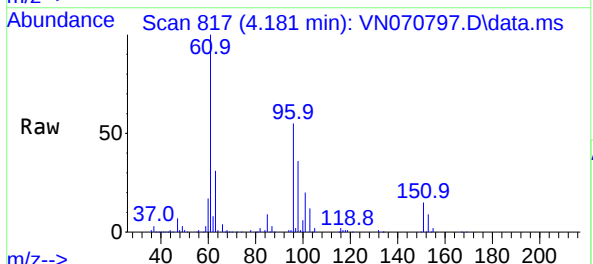
Manual Integrations

APPROVED

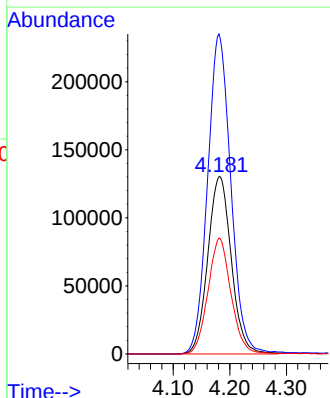
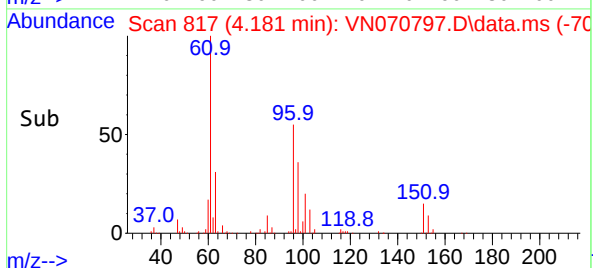
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

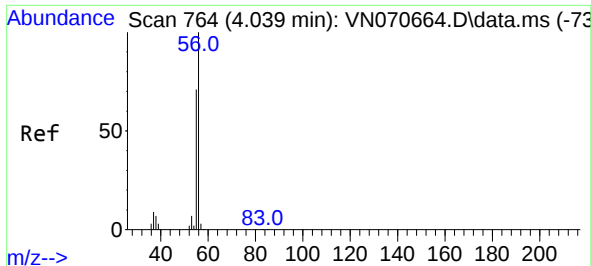


#12
1,1-Dichloroethene
Concen: 45.443 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



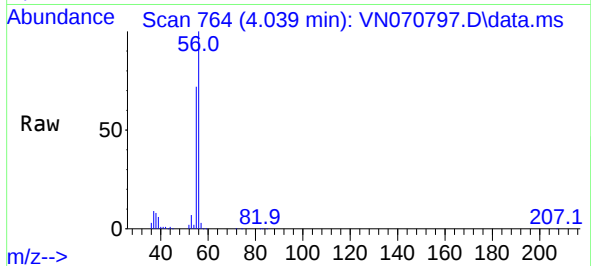
Tgt Ion: 96 Resp: 376595
Ion Ratio Lower Upper
96 100
61 180.4 131.0 196.6
98 65.4 52.4 78.6





#13
Acrolein
Concen: 244.181 ug/l
RT: 4.039 min Scan# 704
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

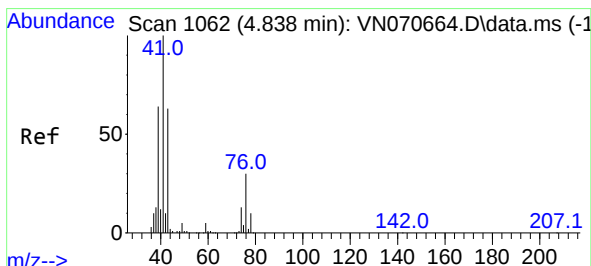
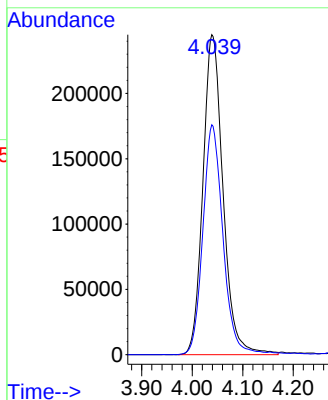
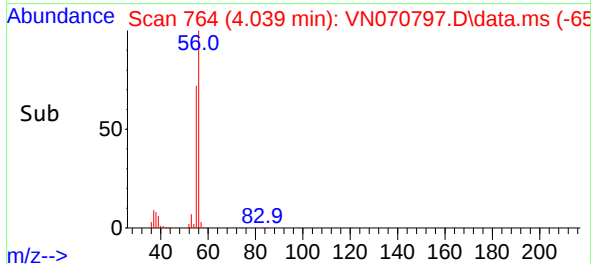
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



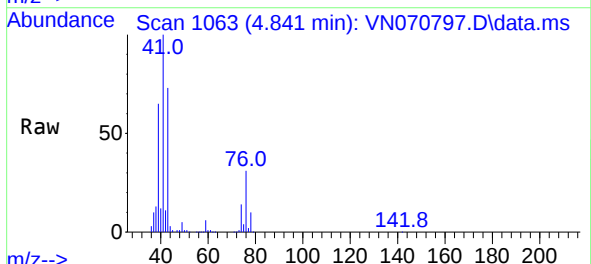
Tgt Ion: 56 Resp: 678304
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0

Manual Integrations
APPROVED

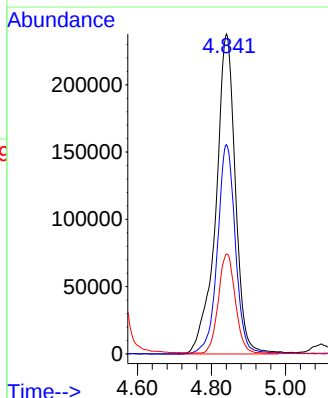
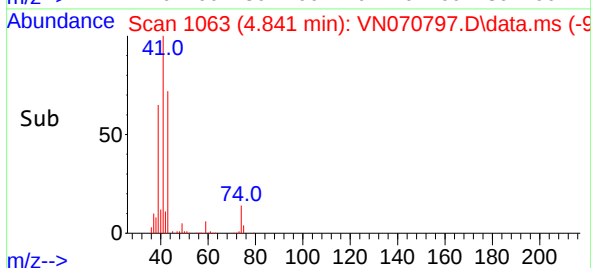
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

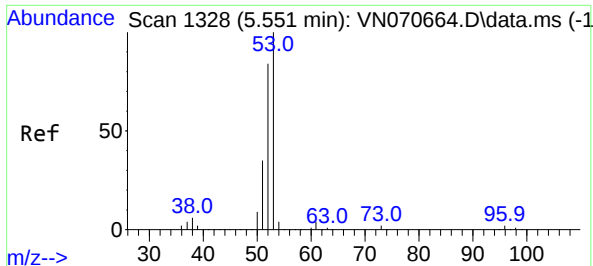


#14
Allyl chloride
Concen: 48.300 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



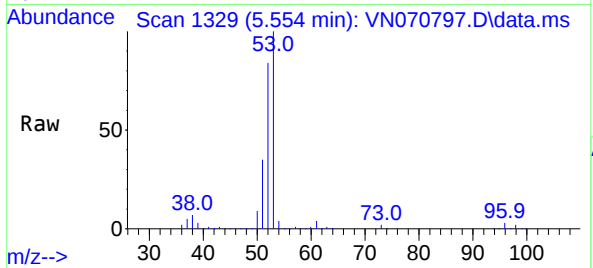
Tgt Ion: 41 Resp: 872142
Ion Ratio Lower Upper
41 100
39 60.0 61.2 91.8#
76 26.8 26.0 39.0





#15
Acrylonitrile
Concen: 246.897 ug/l
RT: 5.554 min Scan# 1328
Delta R.T. 0.003 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

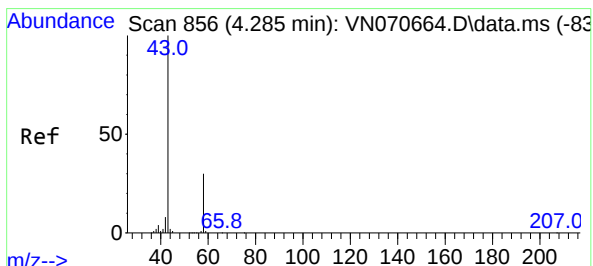
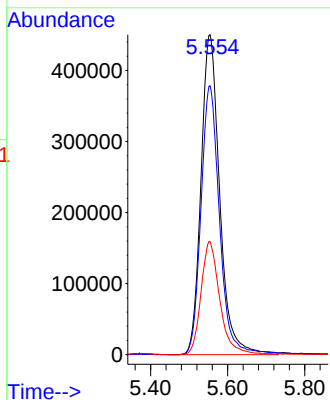
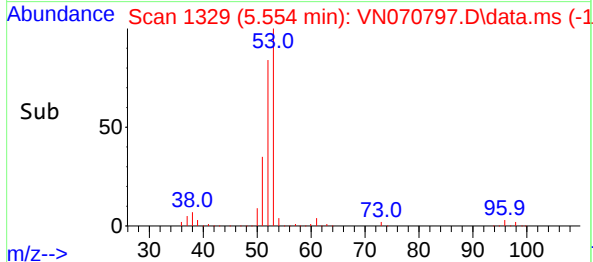
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



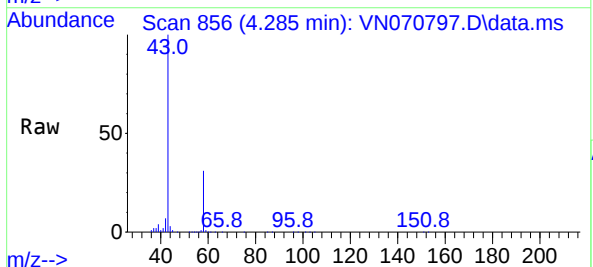
Tgt Ion: 53 Resp: 1521299
Ion Ratio Lower Upper
53 100
52 82.5 66.2 99.2
51 35.2 29.6 44.4

Manual Integrations
APPROVED

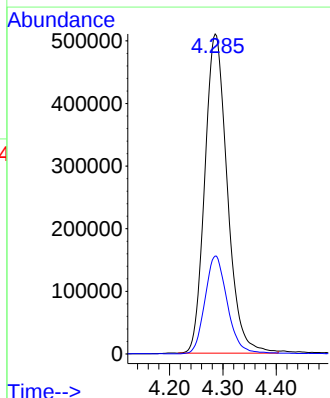
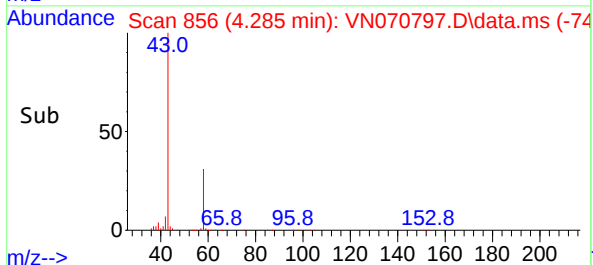
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

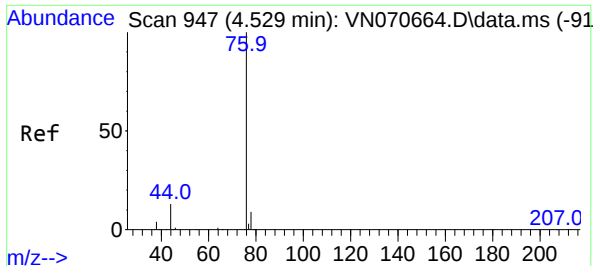


#16
Acetone
Concen: 200.029 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



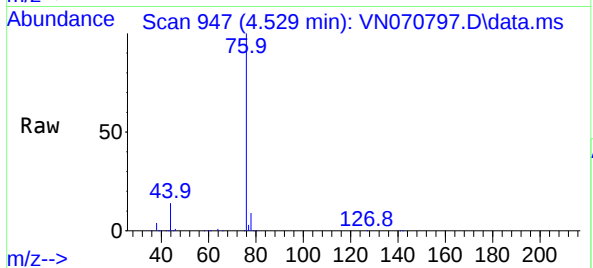
Tgt Ion: 43 Resp: 1490515
Ion Ratio Lower Upper
43 100
58 30.6 23.1 34.7





#17
Carbon Disulfide
Concen: 45.158 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

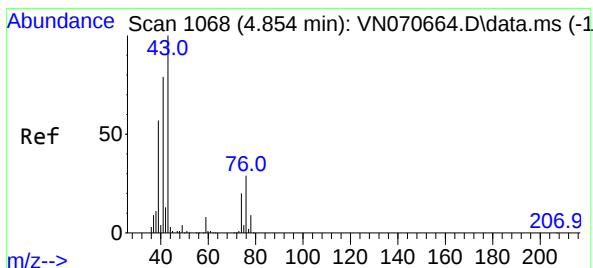
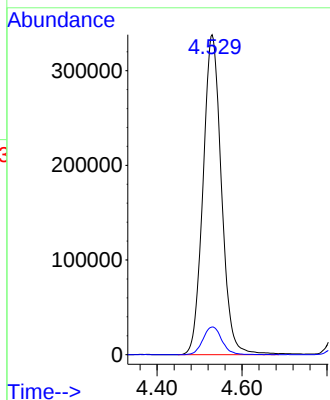
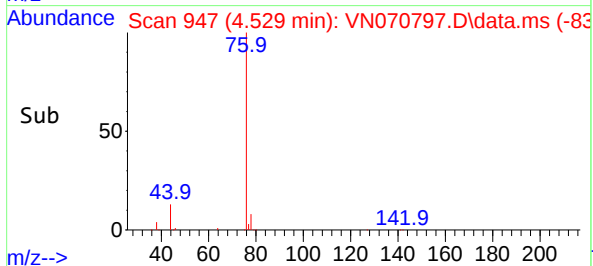
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



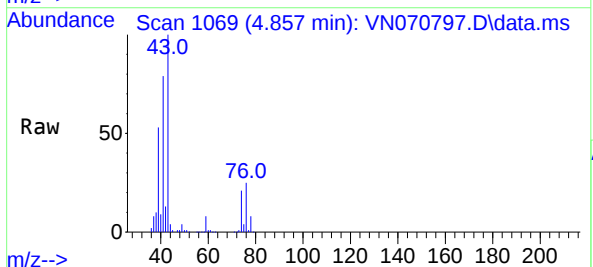
Tgt Ion: 76 Resp: 101638
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

Manual Integrations
APPROVED

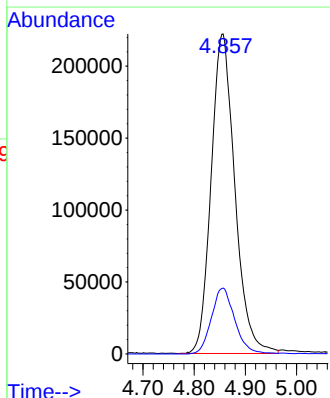
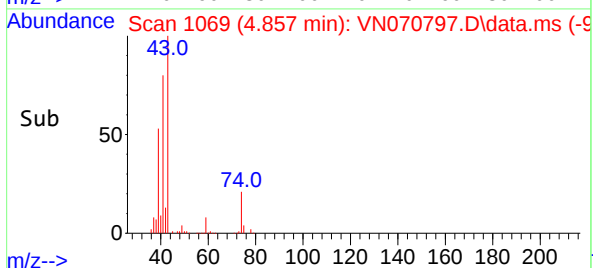
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

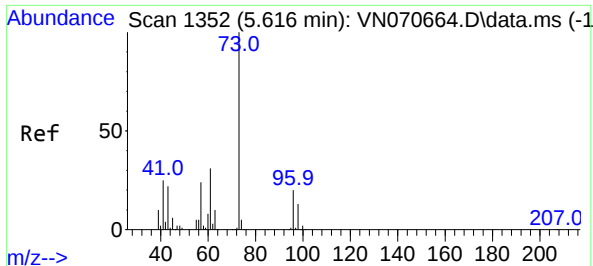


#18
Methyl Acetate
Concen: 48.825 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



Tgt Ion: 43 Resp: 715500
Ion Ratio Lower Upper
43 100
74 20.2 19.4 29.2





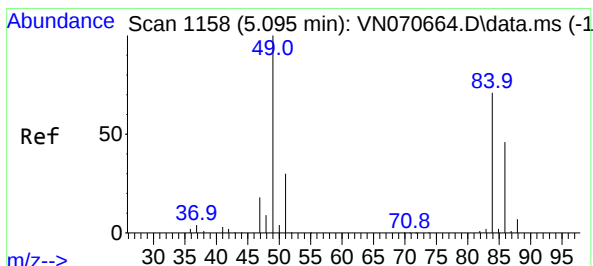
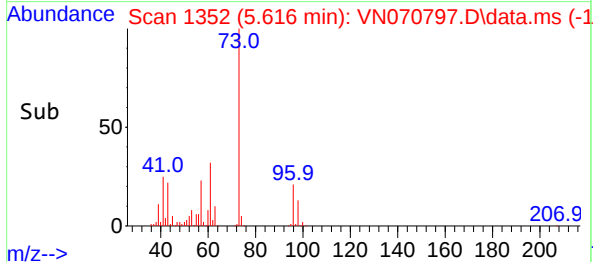
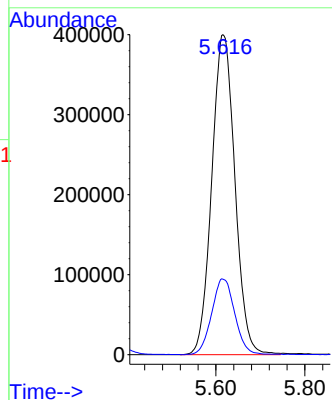
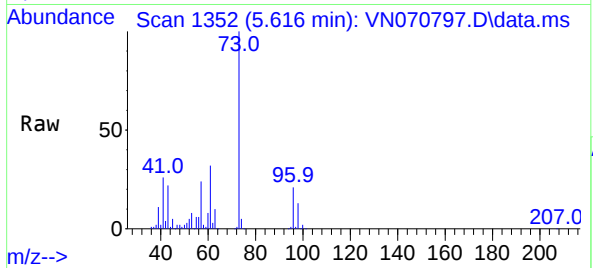
#19
Methyl tert-butyl Ether
Concen: 48.819 ug/l
RT: 5.616 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 144529
Ion Ratio Lower Upper
73 100
57 23.5 16.8 25.2

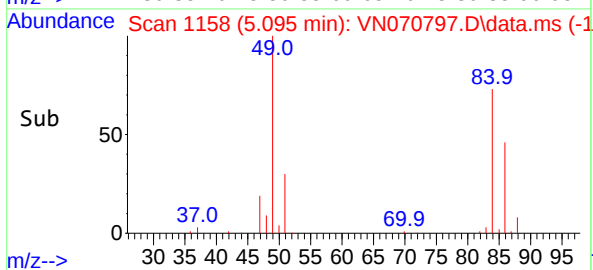
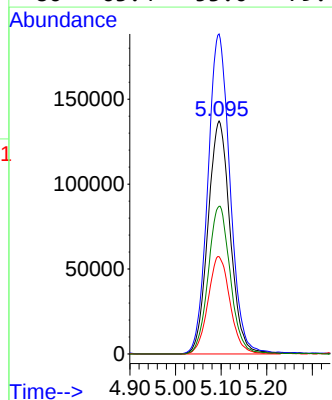
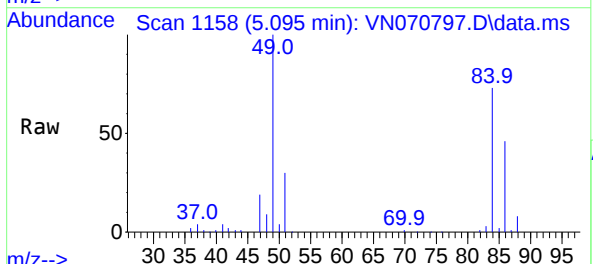
Manual Integrations
APPROVED

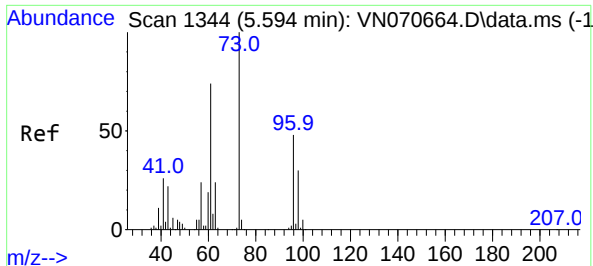
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#20
Methylene Chloride
Concen: 47.206 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

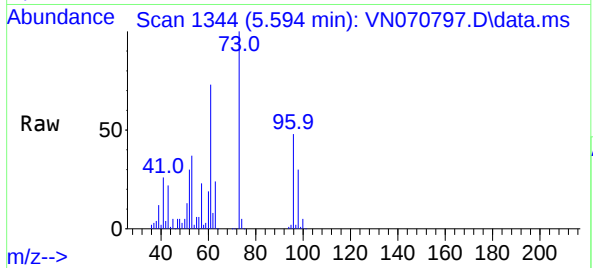
Tgt Ion: 84 Resp: 463348
Ion Ratio Lower Upper
84 100
49 137.4 93.5 140.3
51 41.8 29.4 44.2
86 63.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 47.371 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

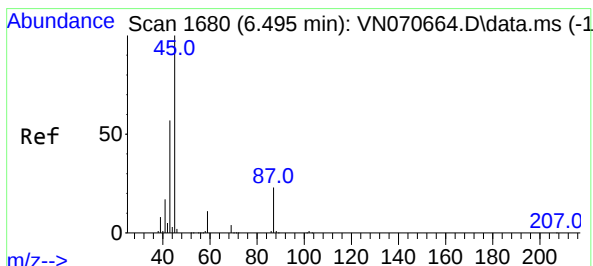
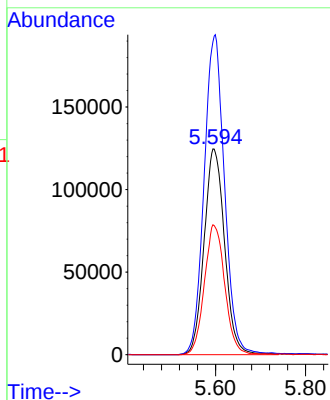
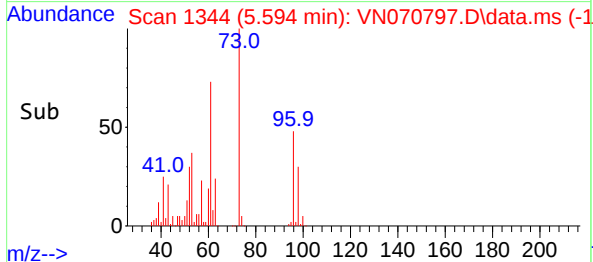
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



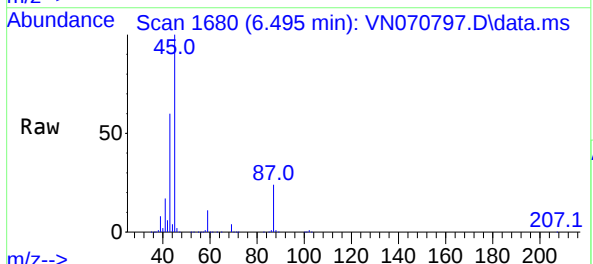
Tgt Ion: 96 Resp: 39510
Ion Ratio Lower Upper
96 100
61 152.0 105.8 158.6
98 63.2 52.0 78.0

Manual Integrations
APPROVED

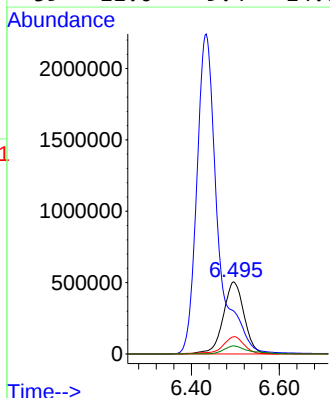
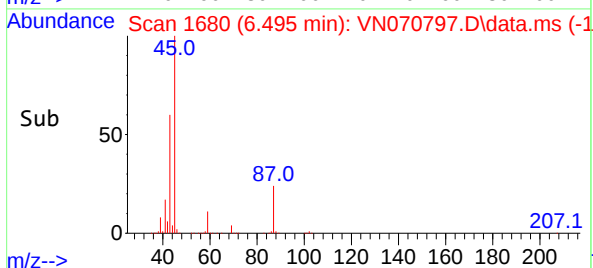
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

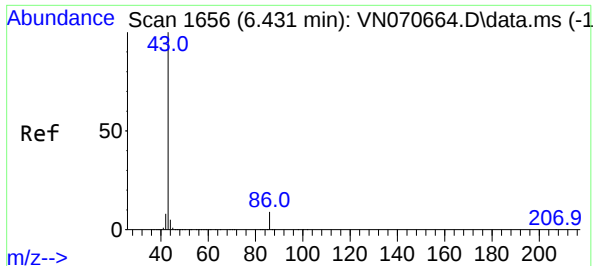


#22
Diisopropyl ether
Concen: 46.602 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



Tgt Ion: 45 Resp: 1667881
Ion Ratio Lower Upper
45 100
43 58.9 51.7 77.5
87 23.6 23.2 34.8
59 11.0 9.4 14.0





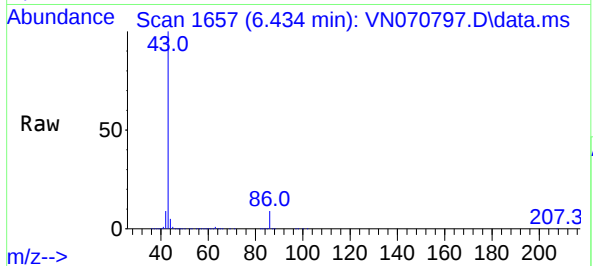
#23
 Vinyl Acetate
 Concen: 242.662 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. 0.003 min
 Lab File: VN070797.D
 Acq: 26 Jan 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

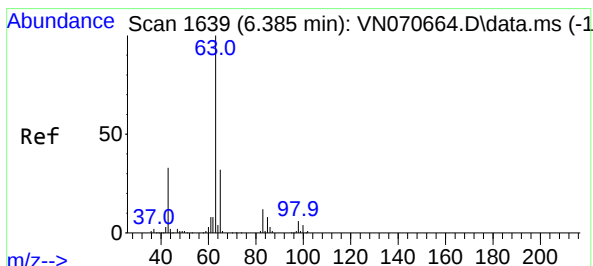
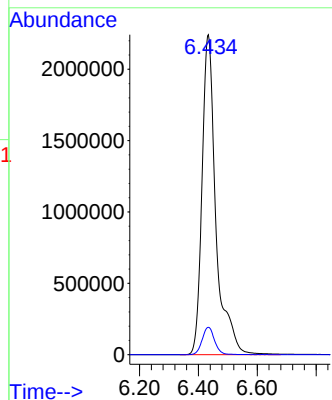
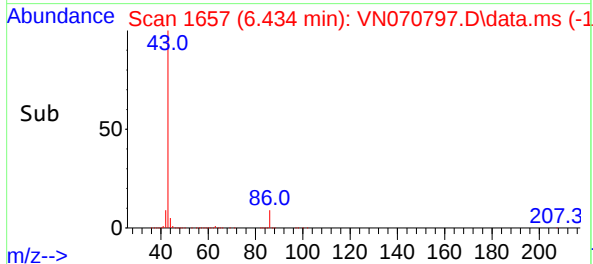


Tgt Ion: 43 Resp: 7362019
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

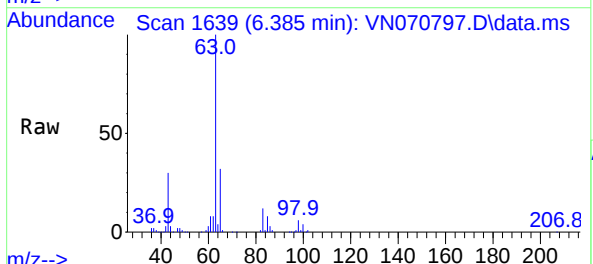
Manual Integrations

APPROVED

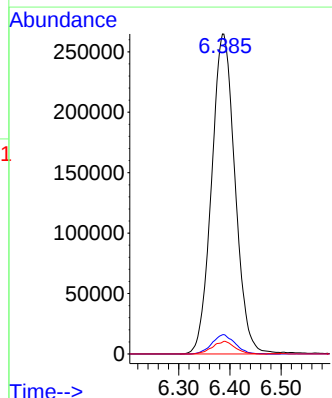
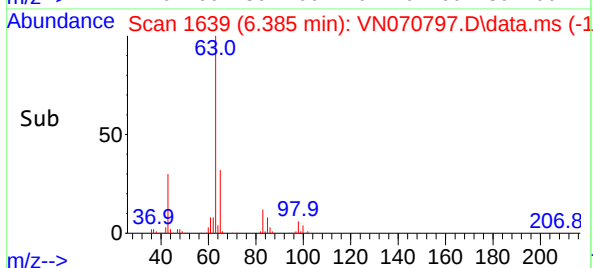
Reviewed By :John Carlone 01/27/2022
 Supervised By :Mahesh Dadoda 01/27/2022

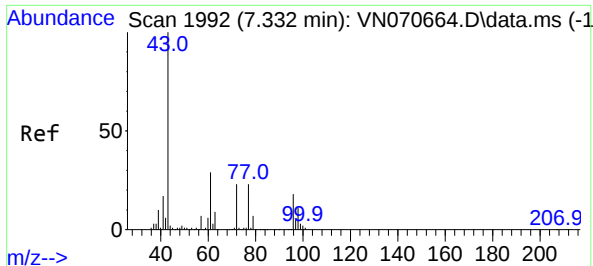


#24
 1,1-Dichloroethane
 Concen: 47.020 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN070797.D
 Acq: 26 Jan 2022 18:20



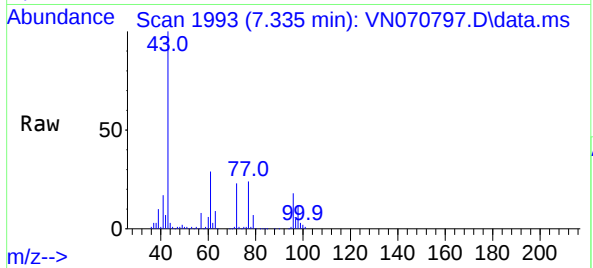
Tgt Ion: 63 Resp: 841777
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.7 2.1 6.5





#25
2-Butanone
Concen: 223.749 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.003 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

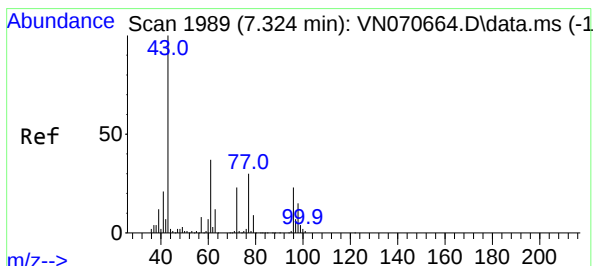
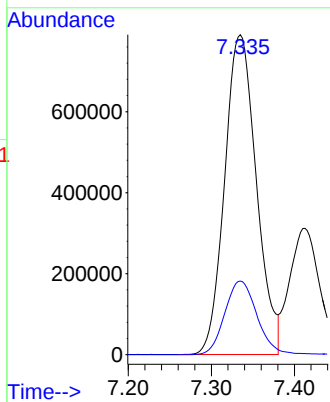
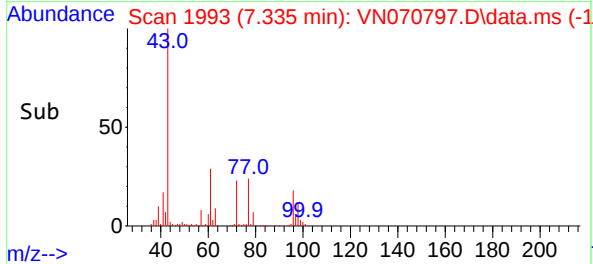
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



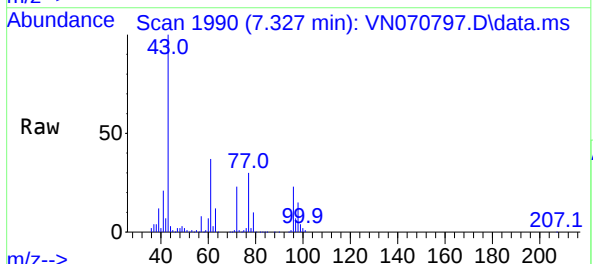
Tgt Ion: 43 Resp: 209798
Ion Ratio Lower Upper
43 100
72 23.0 21.7 32.5

Manual Integrations
APPROVED

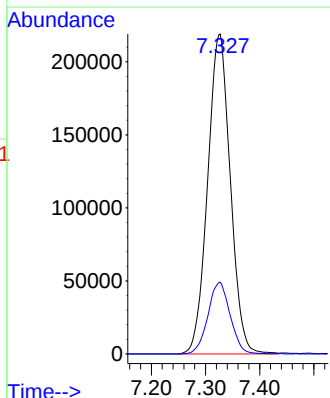
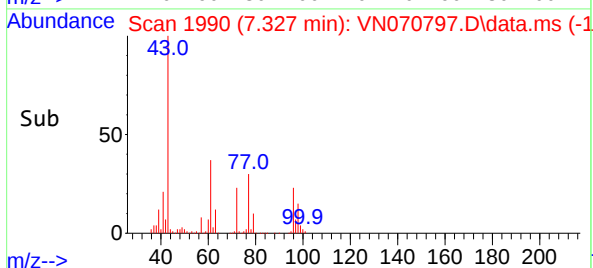
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

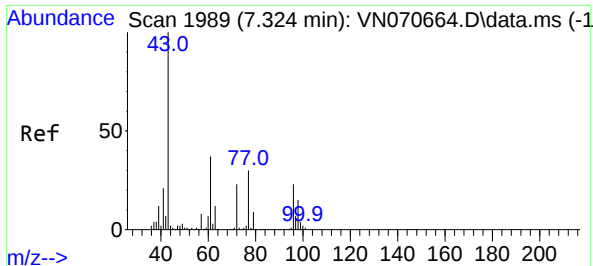


#26
2,2-Dichloropropane
Concen: 46.382 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



Tgt Ion: 77 Resp: 636640
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.8





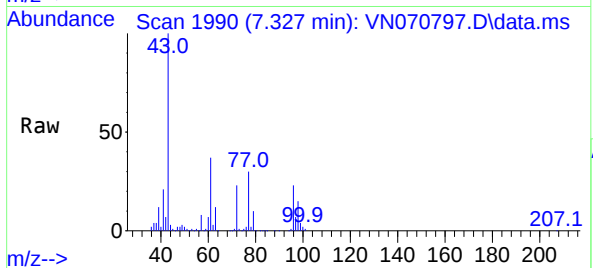
#27
cis-1,2-Dichloroethene
Concen: 46.249 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

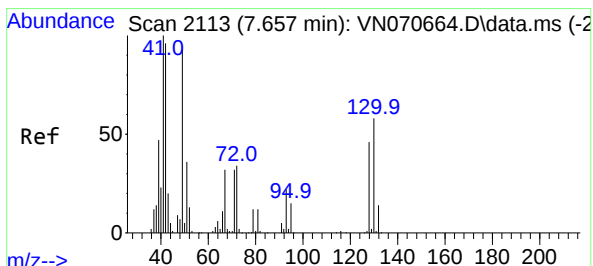
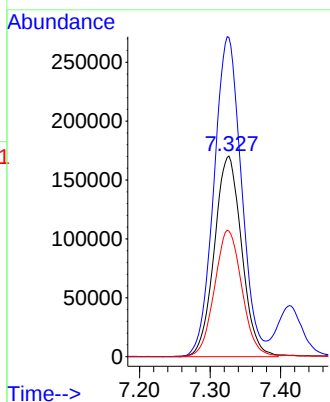
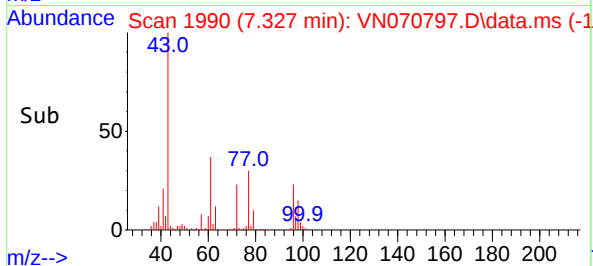


Tgt Ion: 96 Resp: 458235
Ion Ratio Lower Upper
96 100
61 160.5 0.0 275.0
98 63.3 0.0 129.6

Manual Integrations

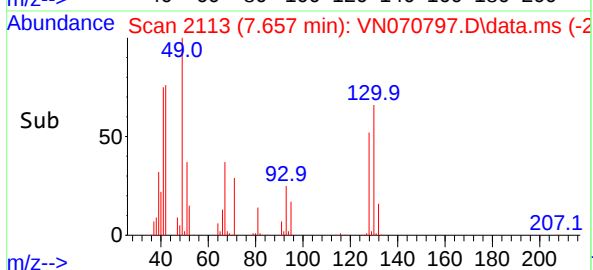
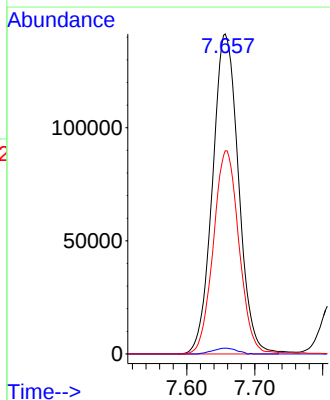
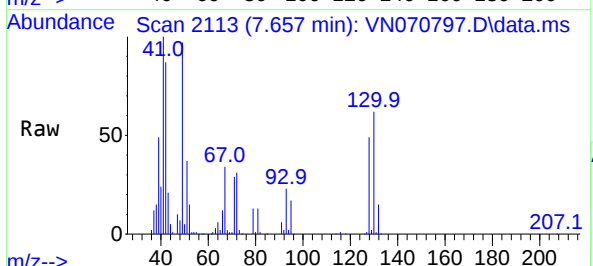
APPROVED

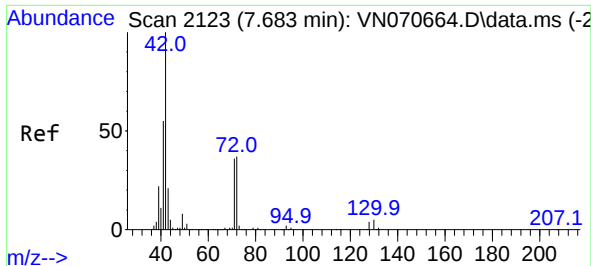
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#28
Bromochloromethane
Concen: 46.765 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Tgt Ion: 49 Resp: 375889
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 62.6 67.8 101.8#





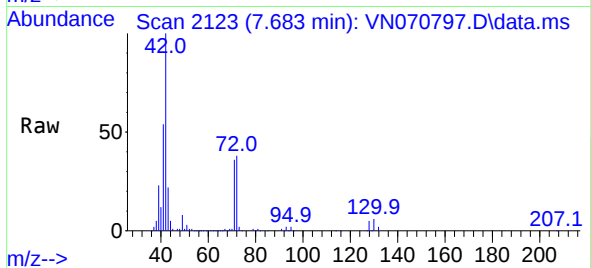
#29
Tetrahydrofuran
Concen: 237.150 ug/l
RT: 7.683 min Scan# 2123
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



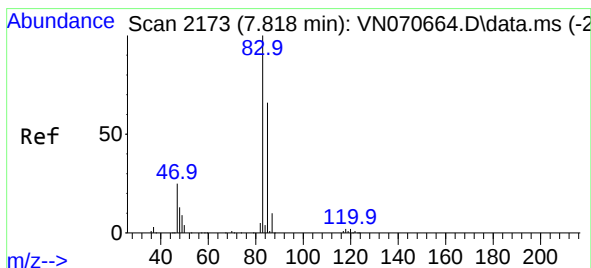
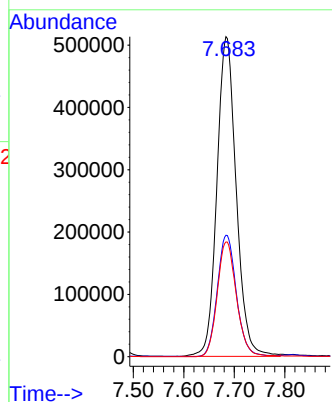
Tgt Ion: 42 Resp: 136154
Ion Ratio Lower Upper
42 100
72 37.5 36.3 54.5
71 35.8 34.7 52.1

Manual Integrations

APPROVED

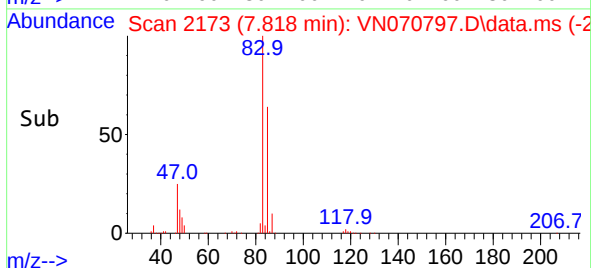
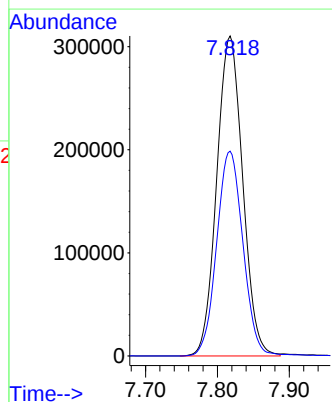
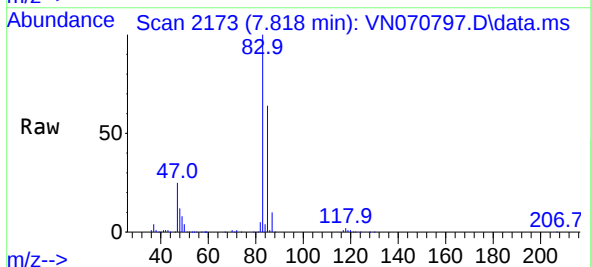
Reviewed By :John Carlone 01/27/2022

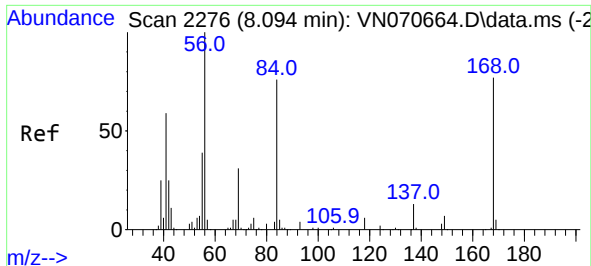
Supervised By :Mahesh Dadoda 01/27/2022



#30
Chloroform
Concen: 44.515 ug/l
RT: 7.818 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

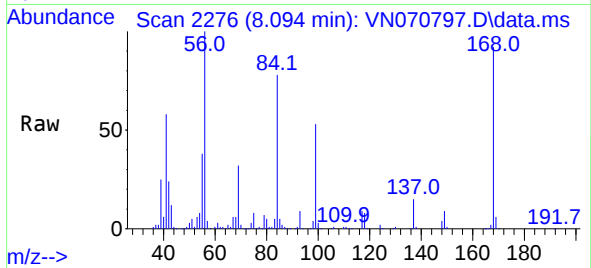
Tgt Ion: 83 Resp: 779193
Ion Ratio Lower Upper
83 100
85 64.0 51.9 77.9





#31
Cyclohexane
Concen: 40.954 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

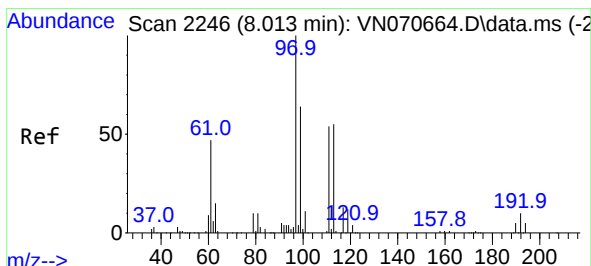
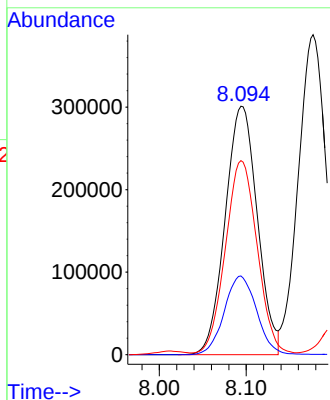
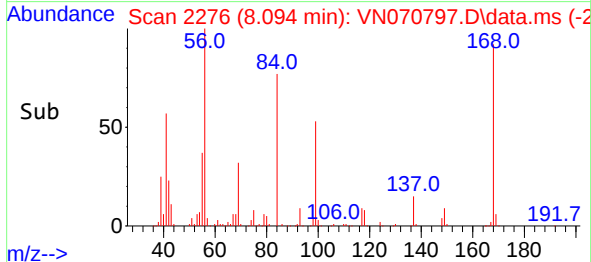
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



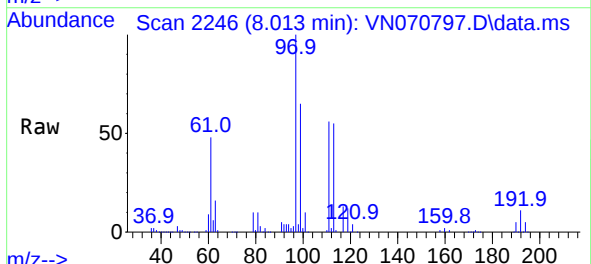
Tgt Ion: 56 Resp: 774223
Ion Ratio Lower Upper
56 100
69 31.7 27.1 40.7
84 76.8 73.4 110.0

Manual Integrations
APPROVED

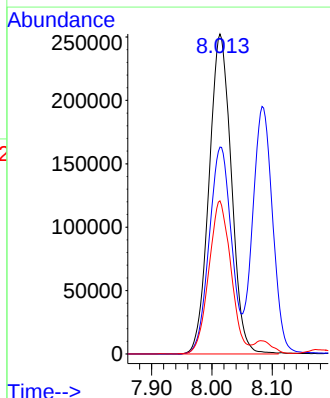
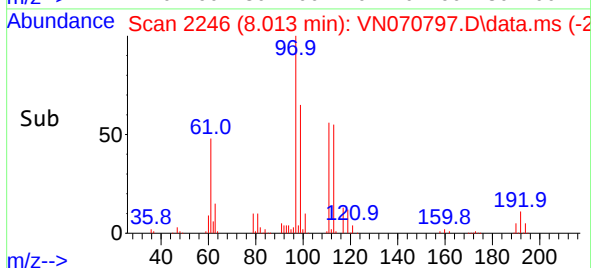
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

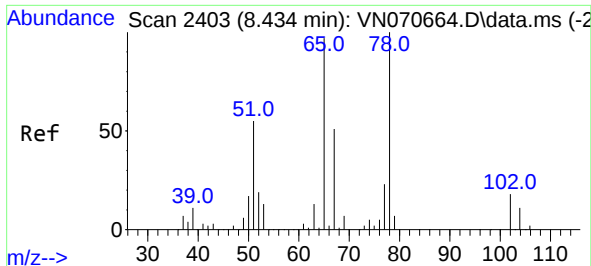


#32
1,1,1-Trichloroethane
Concen: 46.572 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



Tgt Ion: 97 Resp: 647154
Ion Ratio Lower Upper
97 100
99 64.7 50.1 75.1
61 47.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.864 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 503124

Ion Ratio Lower Upper

65 100

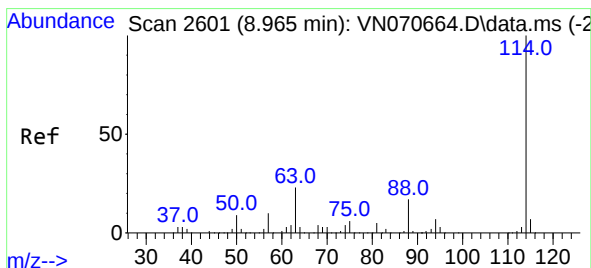
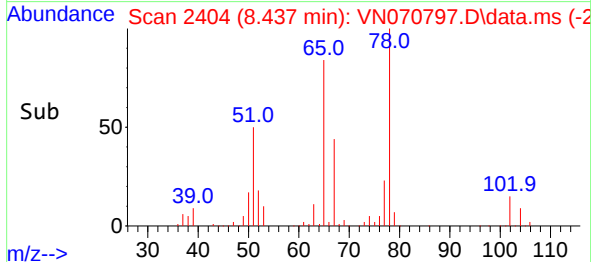
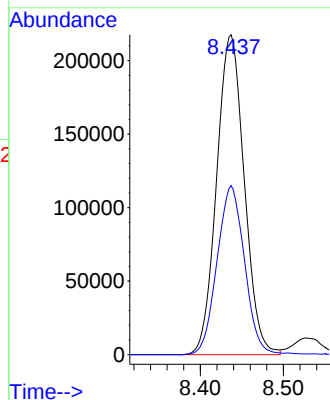
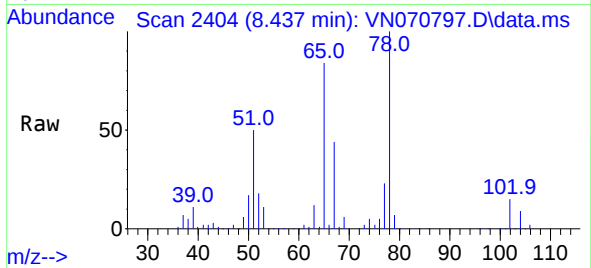
67 52.4 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2022

Supervised By :Mahesh Dadoda 01/27/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. 0.000 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

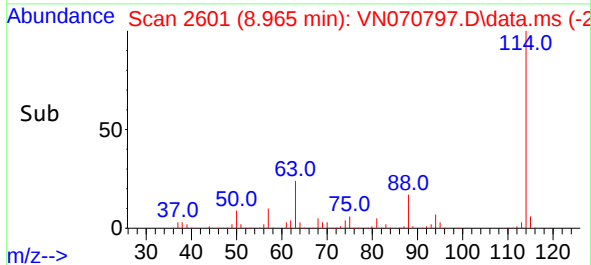
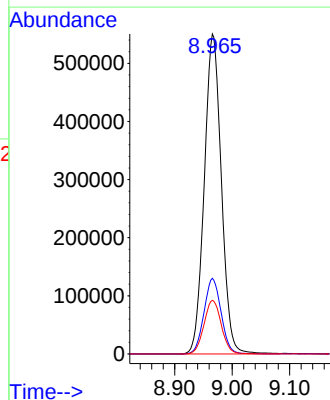
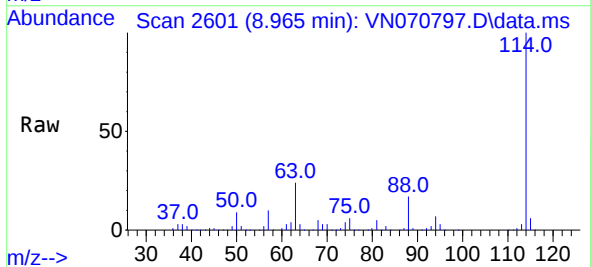
Tgt Ion:114 Resp: 1136838

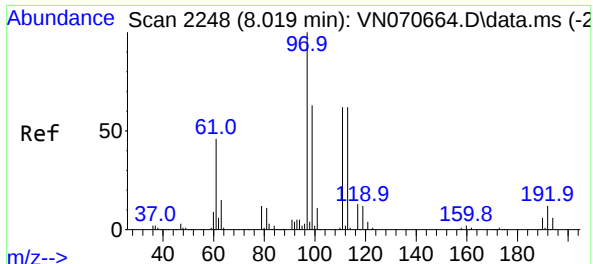
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

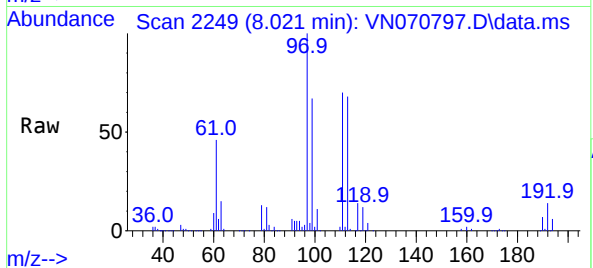
88 16.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.952 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.002 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

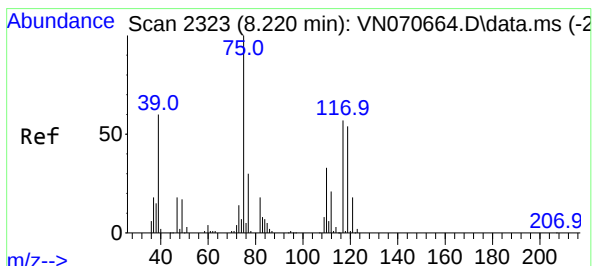
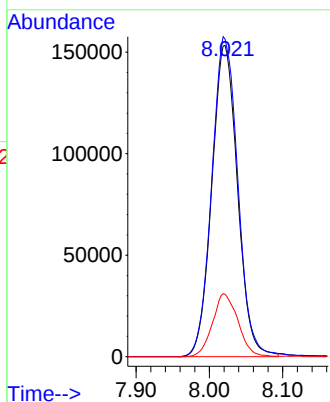
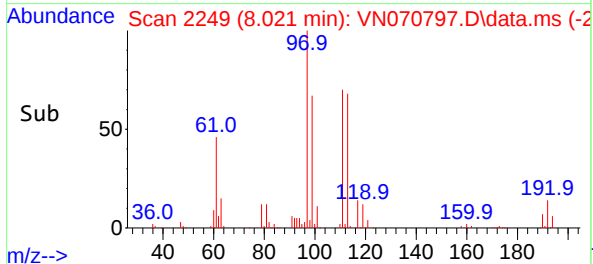
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



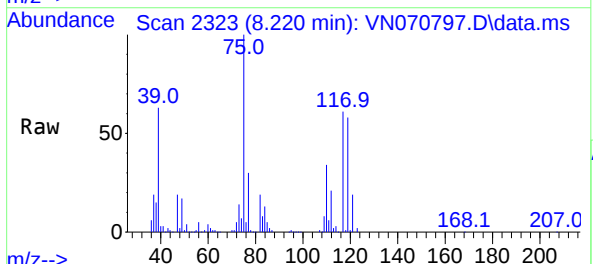
Tgt Ion:113 Resp: 373408
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.2
192 20.1 16.9 25.3

Manual Integrations
APPROVED

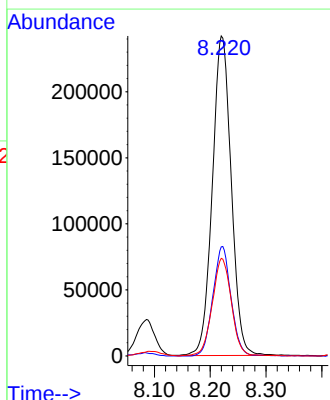
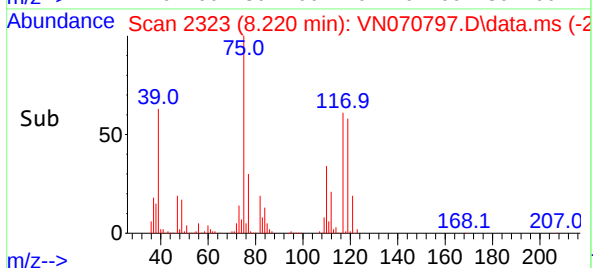
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

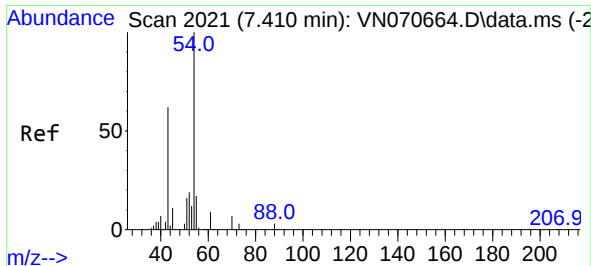


#36
1,1-Dichloropropene
Concen: 47.932 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



Tgt Ion: 75 Resp: 569035
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 30.9 24.4 36.6





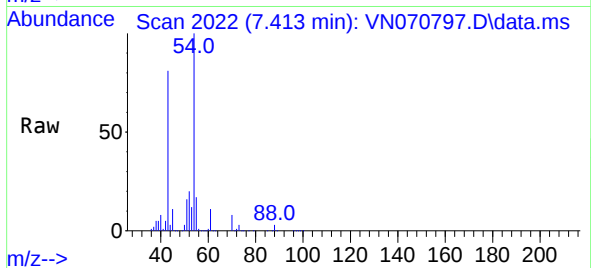
#37
Ethyl Acetate
Concen: 50.677 ug/l
RT: 7.413 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

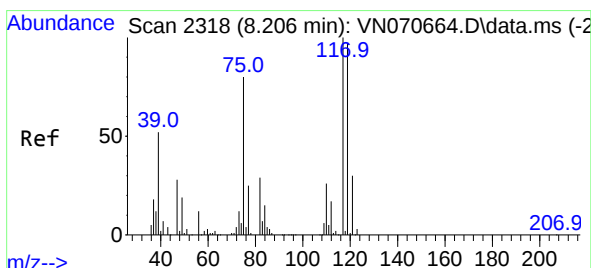
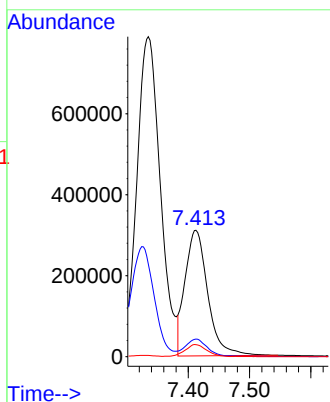
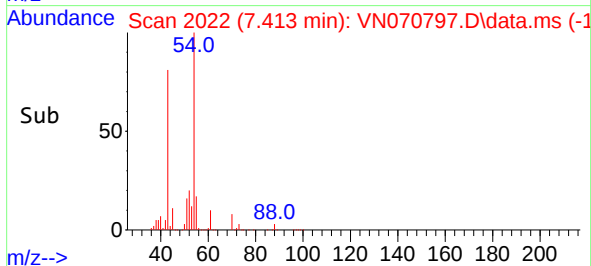


Tgt Ion: 43 Resp: 798720
Ion Ratio Lower Upper
43 100
61 13.1 11.5 17.3
70 8.9 7.9 11.9

Manual Integrations

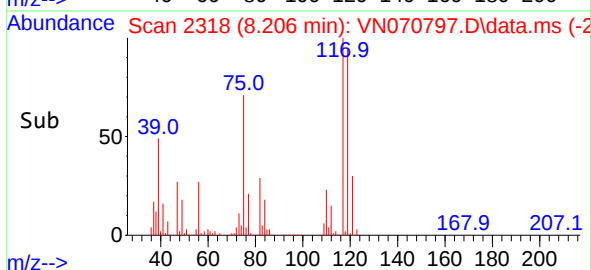
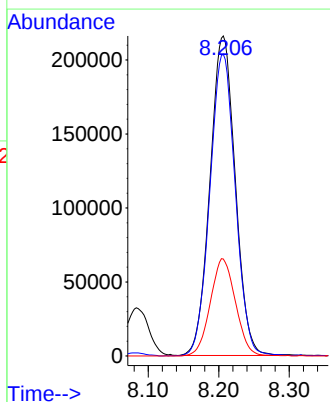
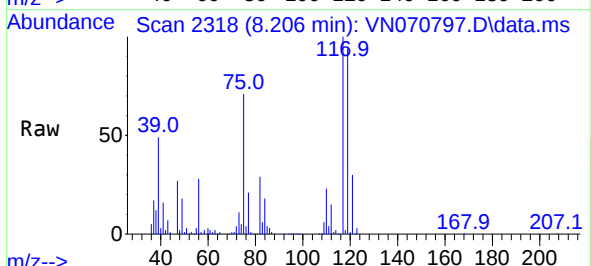
APPROVED

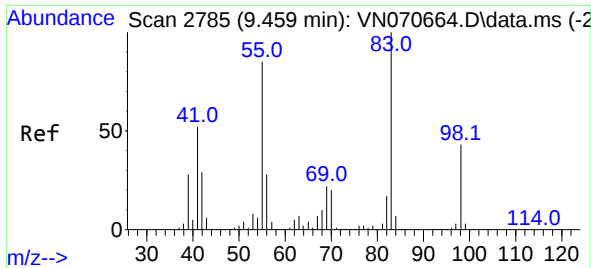
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#38
Carbon Tetrachloride
Concen: 50.789 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Tgt Ion:117 Resp: 536394
Ion Ratio Lower Upper
117 100
119 94.4 76.1 114.1
121 30.4 24.2 36.2





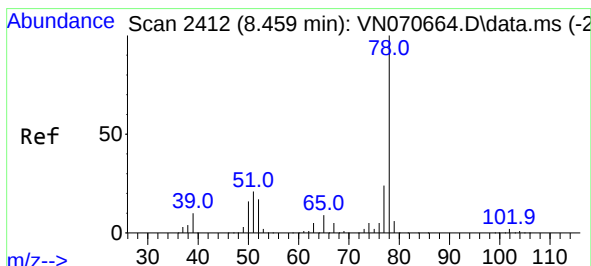
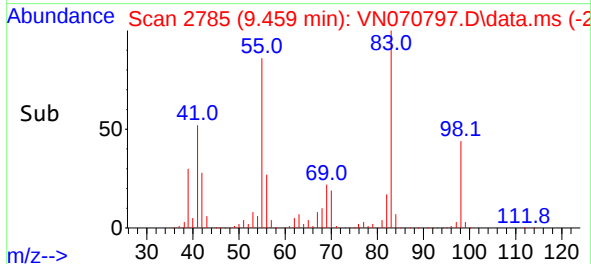
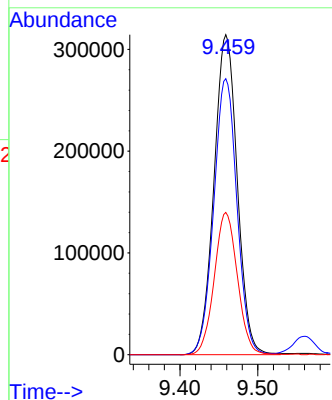
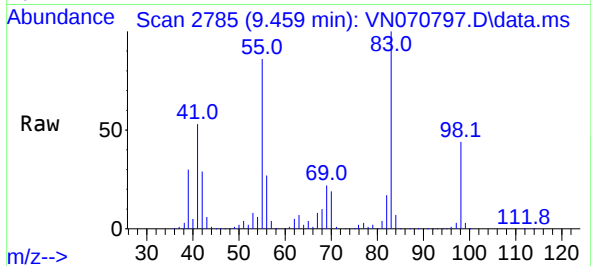
#39
Methylcyclohexane
Concen: 44.538 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 65274
Ion Ratio Lower Upper
83 100
55 86.3 58.1 87.1
98 44.4 38.4 57.6

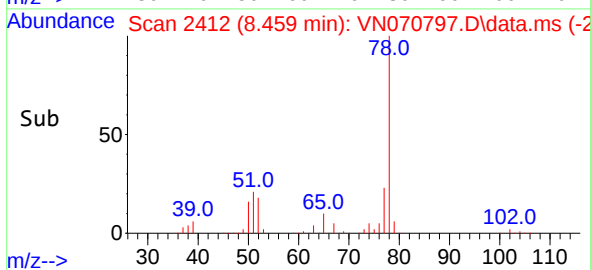
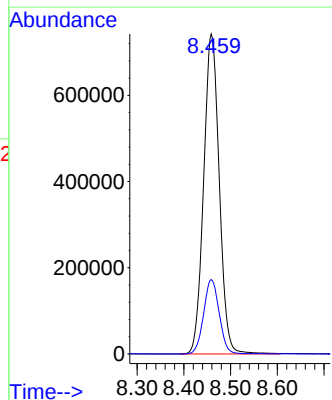
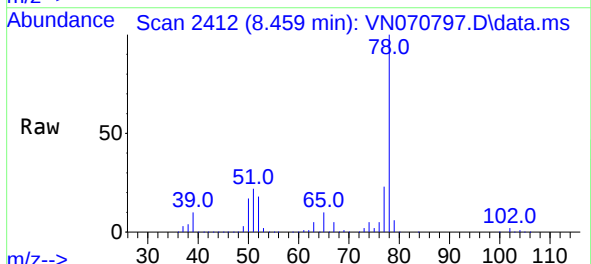
Manual Integrations
APPROVED

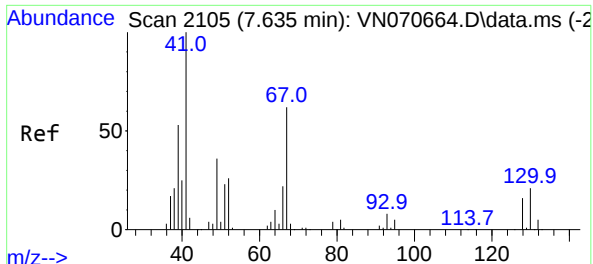
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#40
Benzene
Concen: 46.832 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Tgt Ion: 78 Resp: 1722705
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8





#41
Methacrylonitrile
Concen: 51.174 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

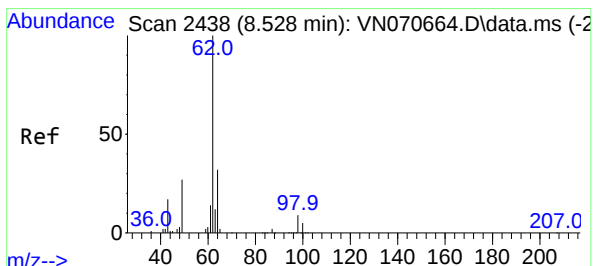
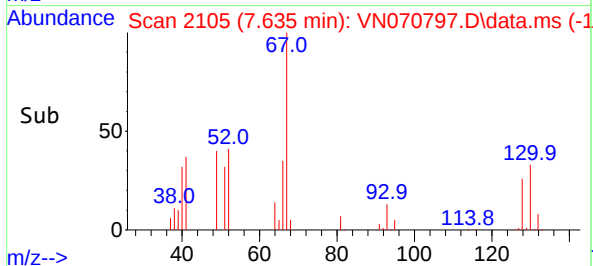
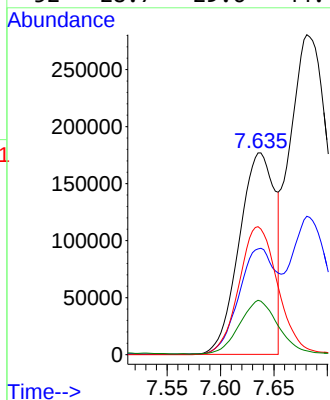
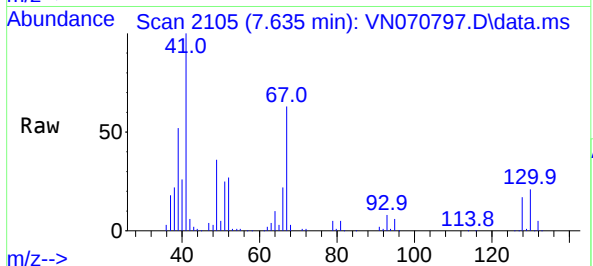
VSTDCCC050EC

Tgt Ion: 41 Resp: 410335
Ion Ratio Lower Upper
41 100
39 55.6 48.1 72.1
67 70.0 68.3 102.5
52 28.7 29.6 44.4#

Manual Integrations

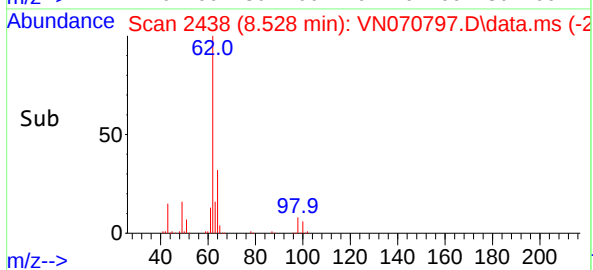
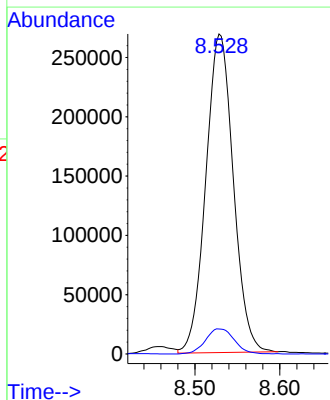
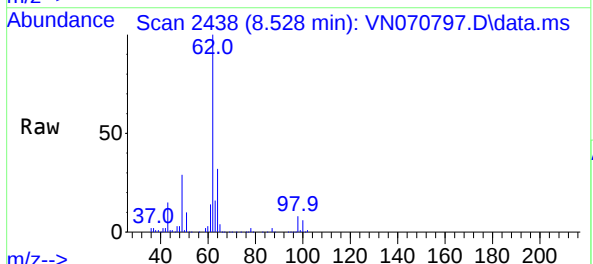
APPROVED

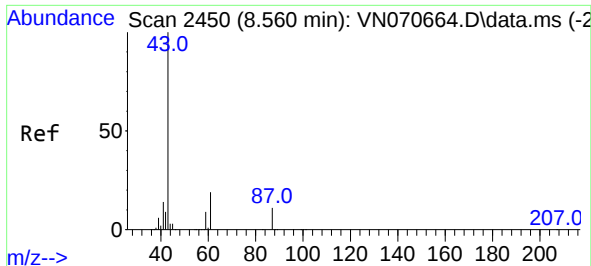
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#42
1,2-Dichloroethane
Concen: 47.369 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

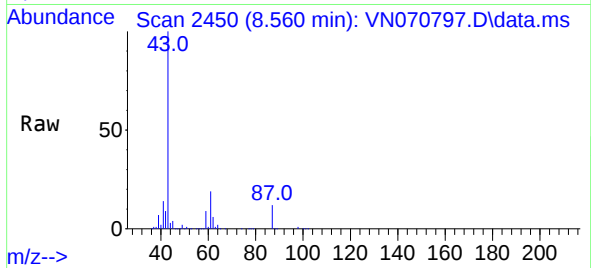
Tgt Ion: 62 Resp: 604179
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 48.369 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

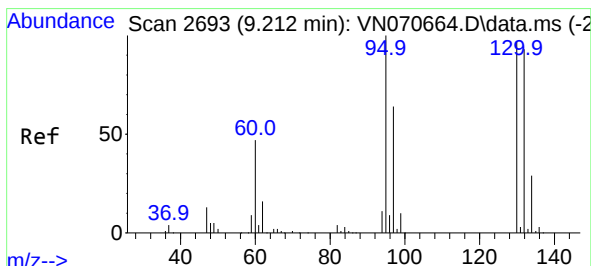
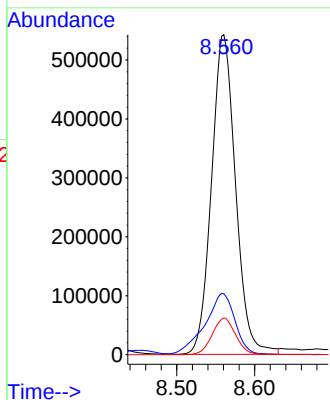
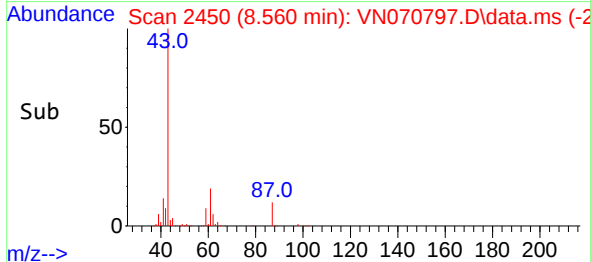
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 116439
Ion Ratio Lower Upper
43 100
61 23.9 20.4 30.6
87 11.2 11.2 16.8

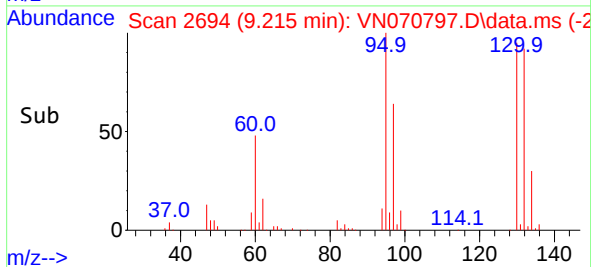
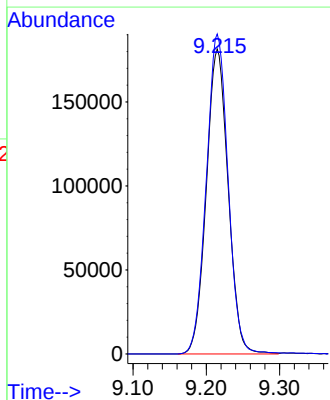
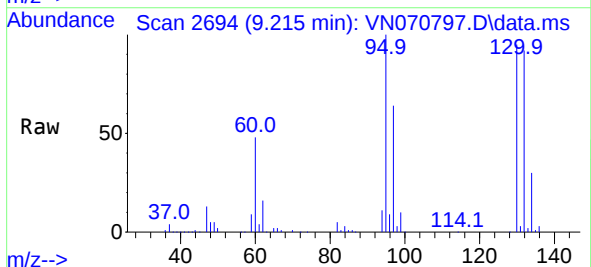
Manual Integrations
APPROVED

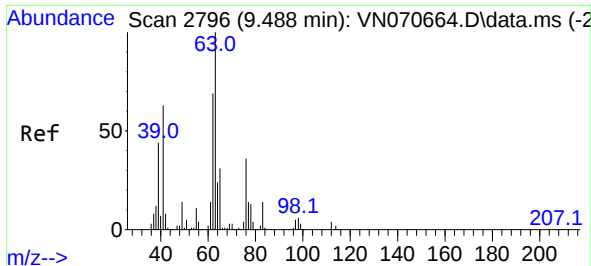
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#44
Trichloroethene
Concen: 45.041 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Tgt Ion:130 Resp: 375600
Ion Ratio Lower Upper
130 100
95 105.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 45.817 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 458549

Ion Ratio Lower Upper

63 100

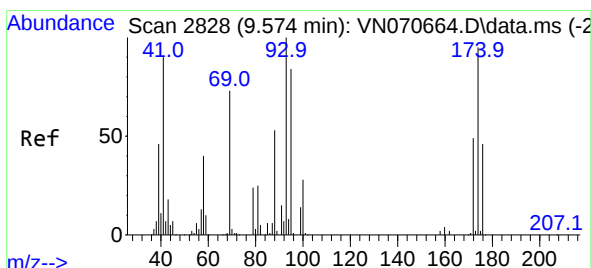
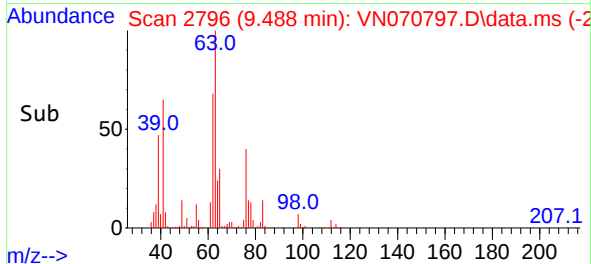
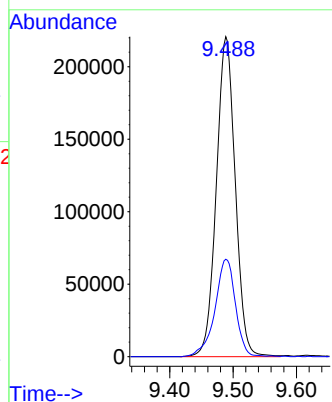
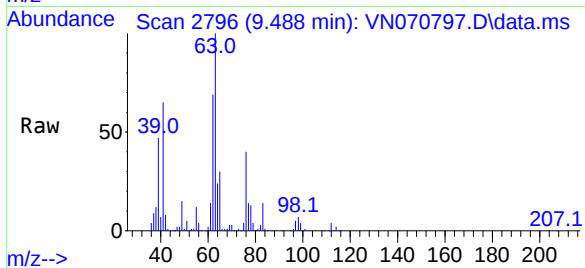
65 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2022

Supervised By :Mahesh Dadoda 01/27/2022



#46

Dibromomethane

Concen: 47.603 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.003 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

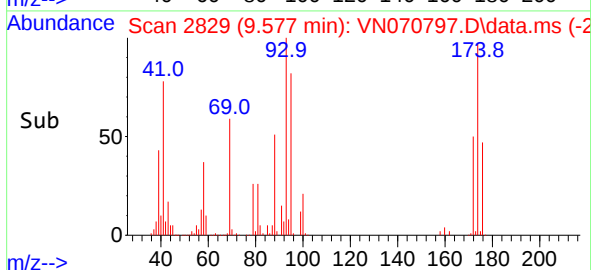
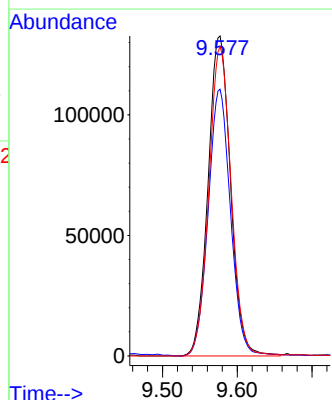
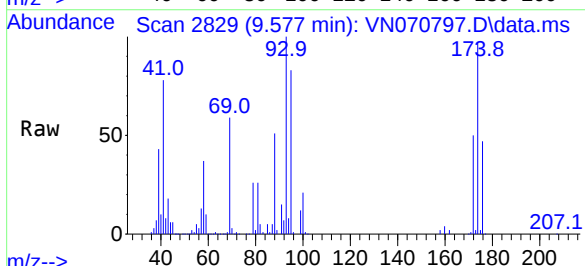
Tgt Ion: 93 Resp: 277021

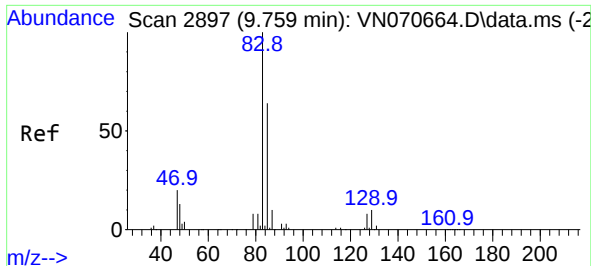
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 96.2 84.6 127.0





#47
Bromodichloromethane
Concen: 47.681 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

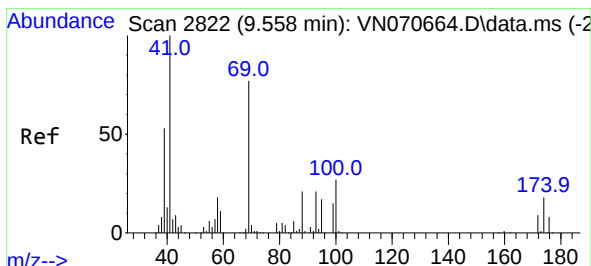
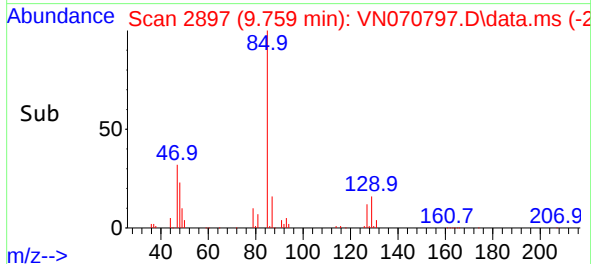
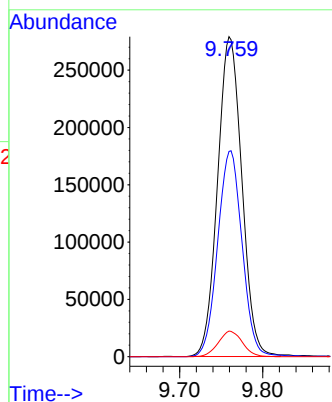
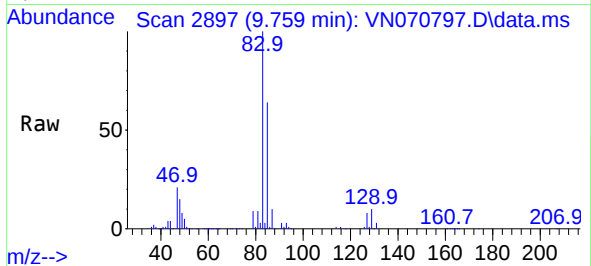
VSTDCCC050EC

Tgt Ion: 83 Resp: 567198
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3
127 8.0 7.1 10.7

Manual Integrations

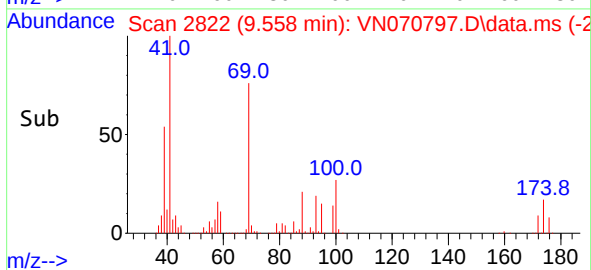
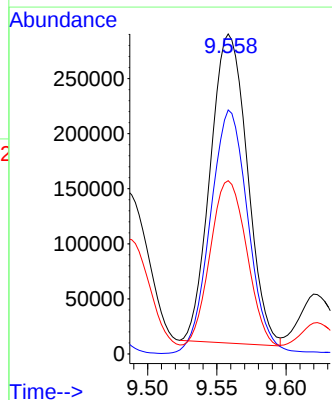
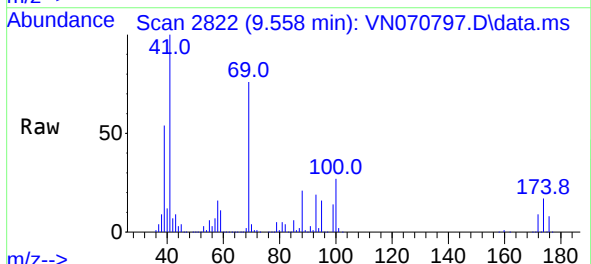
APPROVED

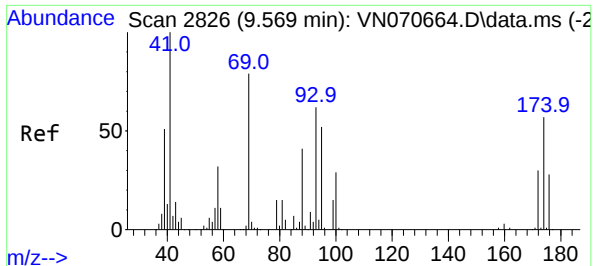
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#48
Methyl methacrylate
Concen: 45.482 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Tgt Ion: 41 Resp: 521606
Ion Ratio Lower Upper
41 100
69 81.0 72.4 108.6
39 53.6 58.4 87.6





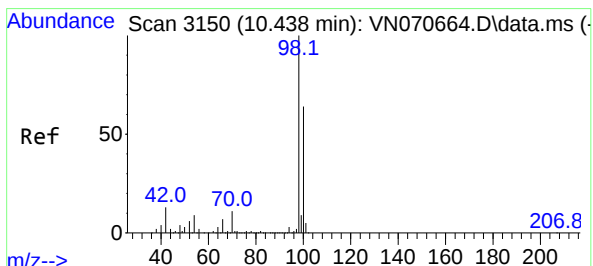
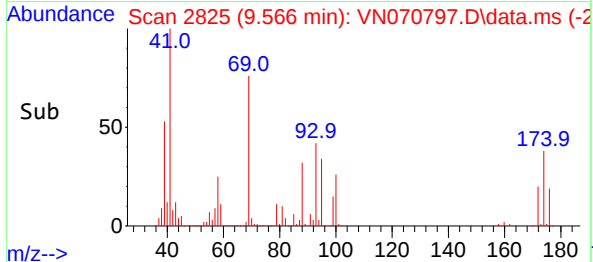
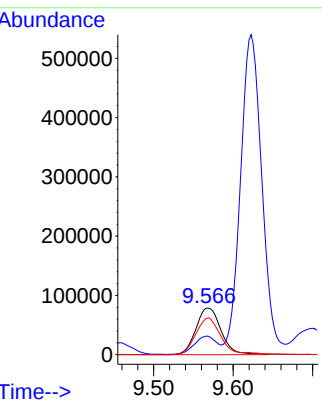
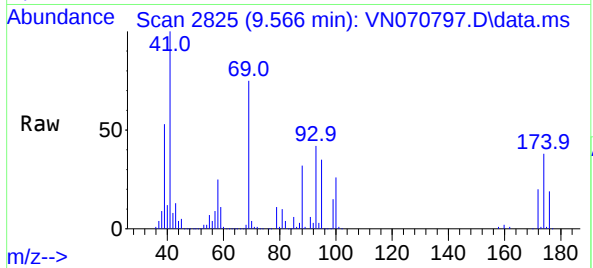
#49
1,4-Dioxane
Concen: 1005.776 ug/l
RT: 9.566 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 17326
Ion Ratio Lower Upper
88 100
43 34.6 23.4 35.2
58 76.5 50.6 75.8

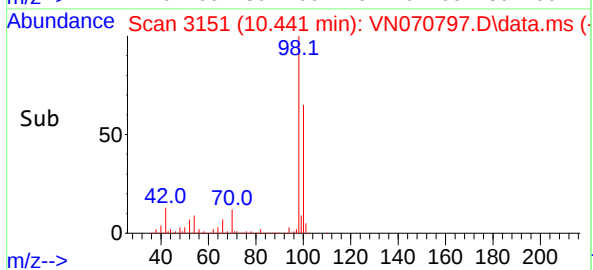
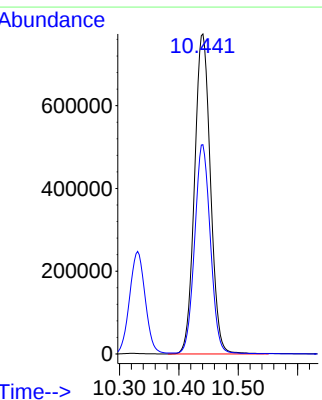
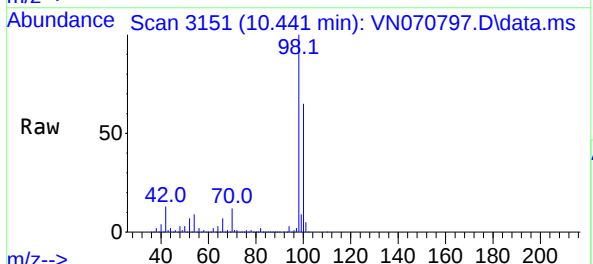
Manual Integrations
APPROVED

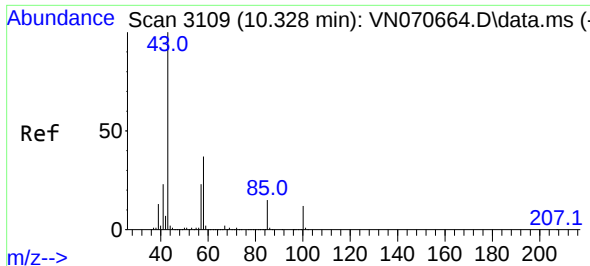
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#50
Toluene-d8
Concen: 48.340 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

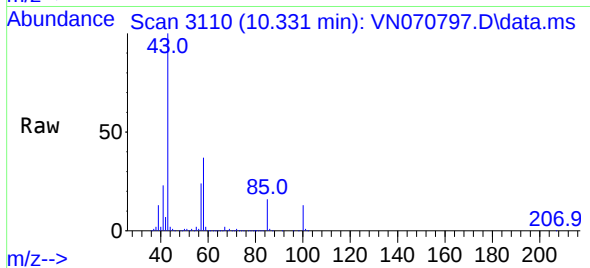
Tgt Ion: 98 Resp: 1436068
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 238.050 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.003 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

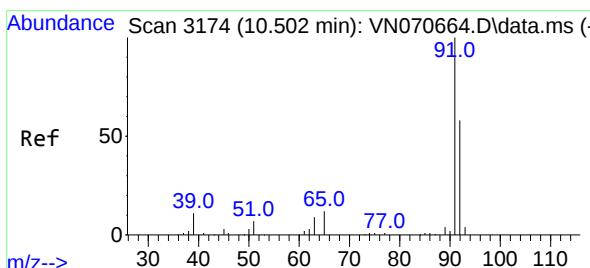
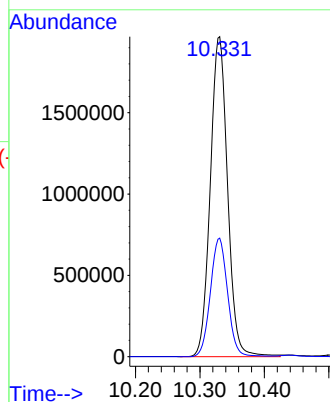
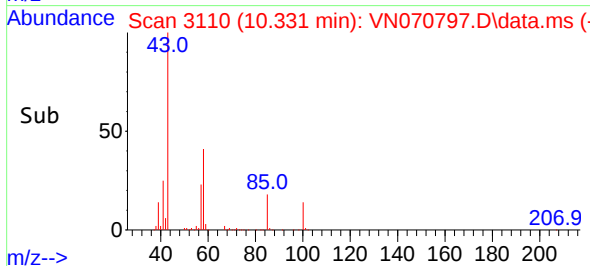
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



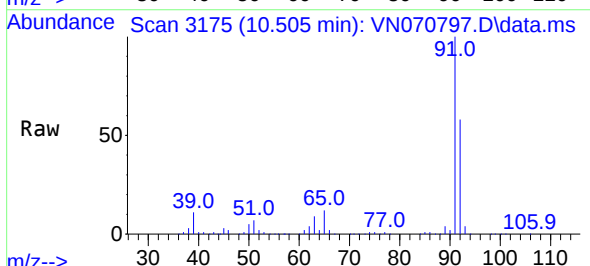
Tgt Ion: 43 Resp: 3656699
Ion Ratio Lower Upper
43 100
58 36.9 30.4 45.6

Manual Integrations
APPROVED

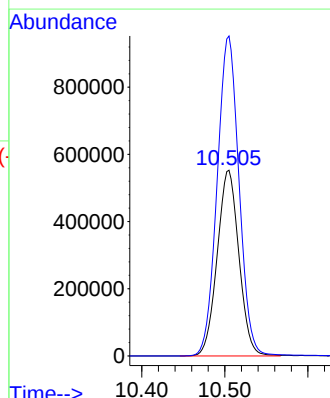
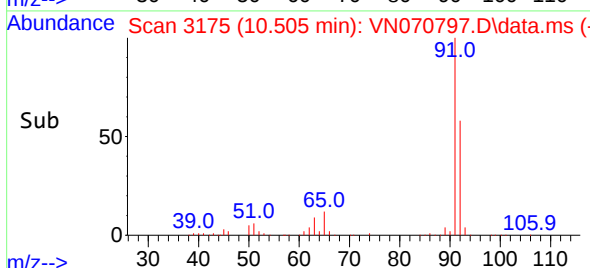
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

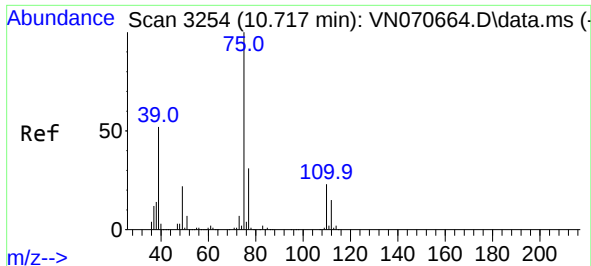


#52
Toluene
Concen: 45.616 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



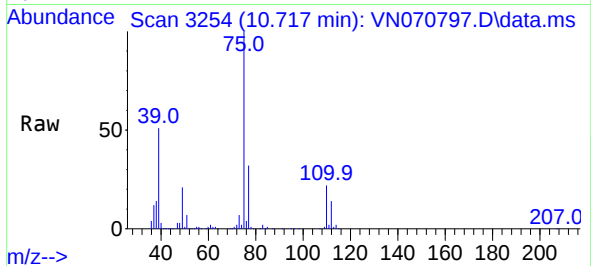
Tgt Ion: 92 Resp: 1003722
Ion Ratio Lower Upper
92 100
91 174.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 43.563 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

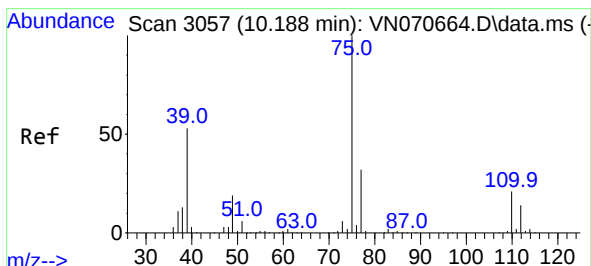
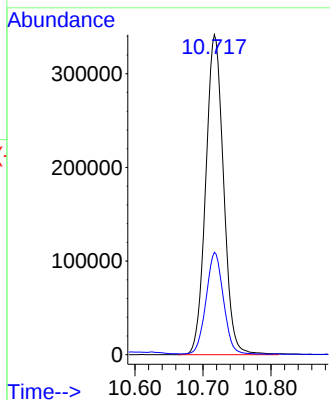
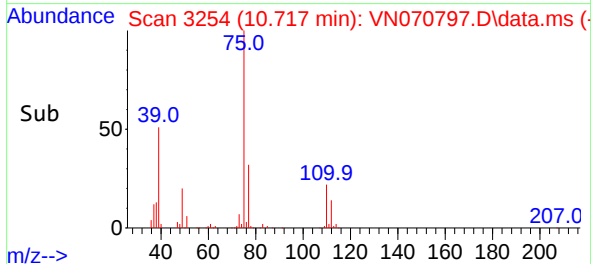
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



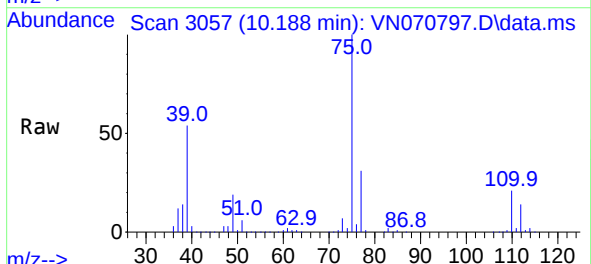
Tgt Ion: 75 Resp: 623730
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4

Manual Integrations
APPROVED

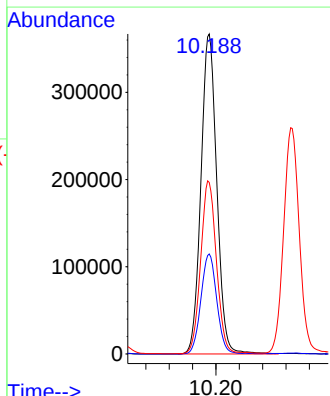
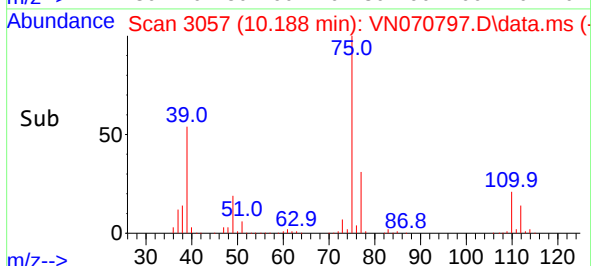
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

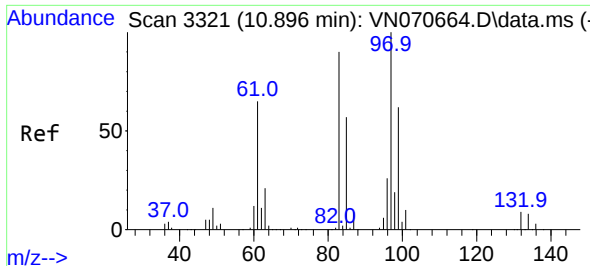


#54
cis-1,3-Dichloropropene
Concen: 48.440 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



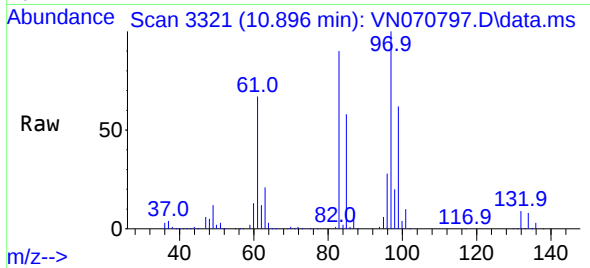
Tgt Ion: 75 Resp: 691048
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
39 53.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 46.933 ug/l
RT: 10.896 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

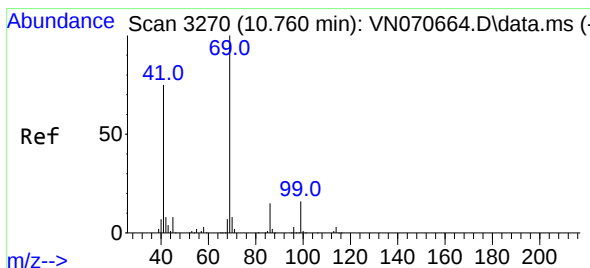
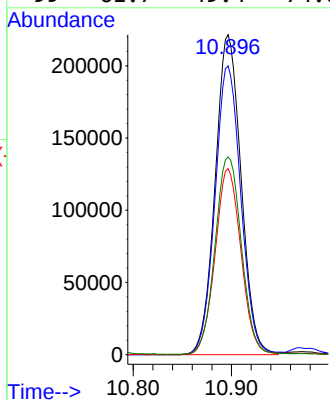
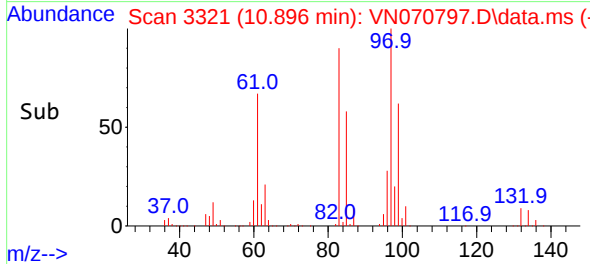
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



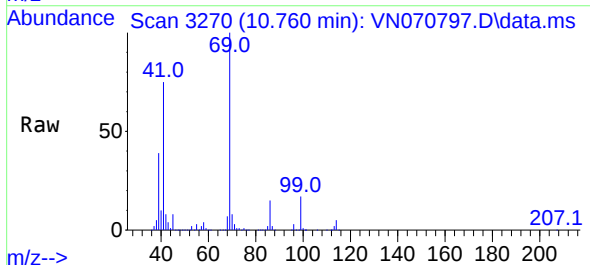
Tgt Ion: 97 Resp: 405694
Ion Ratio Lower Upper
97 100
83 90.3 67.8 101.6
85 58.1 45.4 68.2
99 61.7 49.4 74.0

Manual Integrations
APPROVED

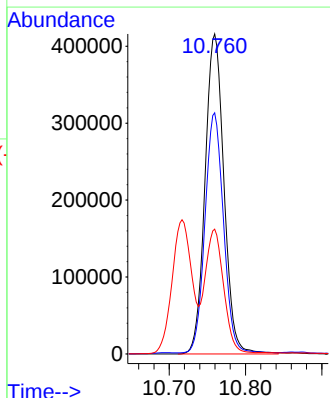
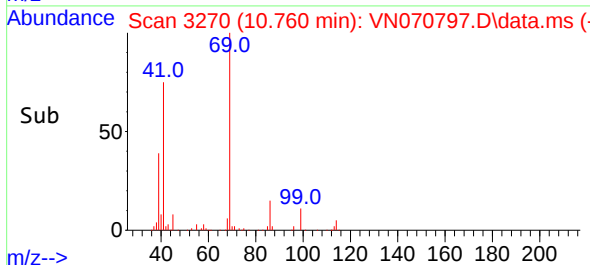
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

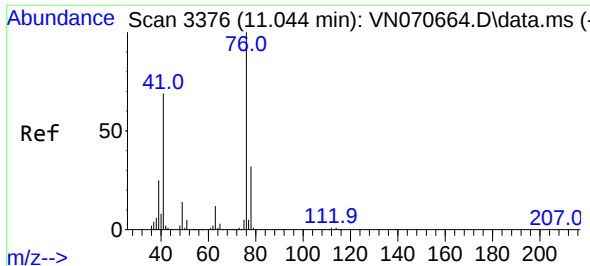


#56
Ethyl methacrylate
Concen: 43.822 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



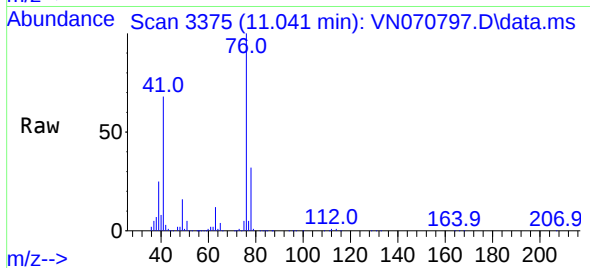
Tgt Ion: 69 Resp: 715533
Ion Ratio Lower Upper
69 100
41 73.5 51.4 77.0
39 37.9 34.6 52.0





#57
1,3-Dichloropropane
Concen: 47.724 ug/l
RT: 11.041 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

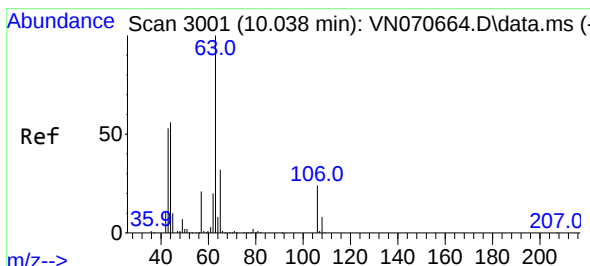
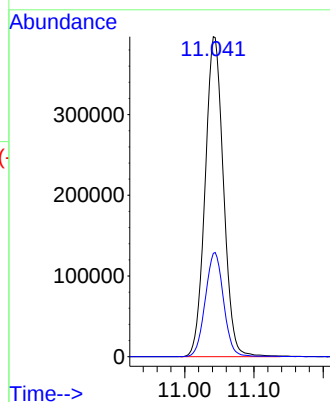
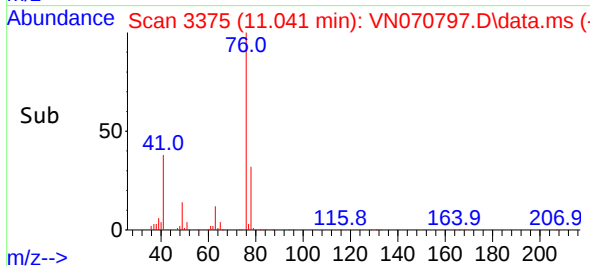
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



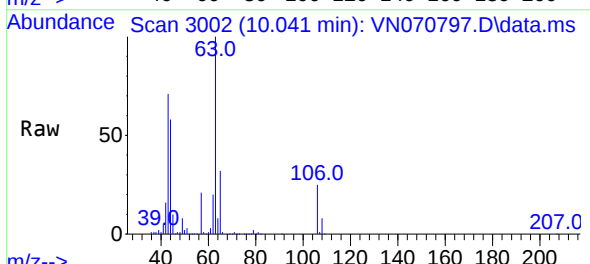
Tgt Ion: 76 Resp: 730285
Ion Ratio Lower Upper
76 100
78 32.4 25.7 38.5

Manual Integrations
APPROVED

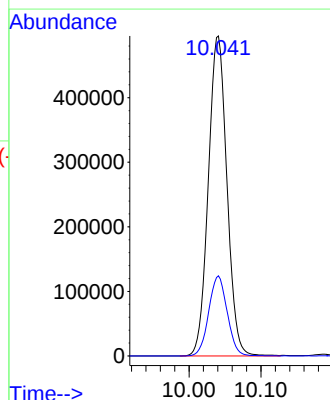
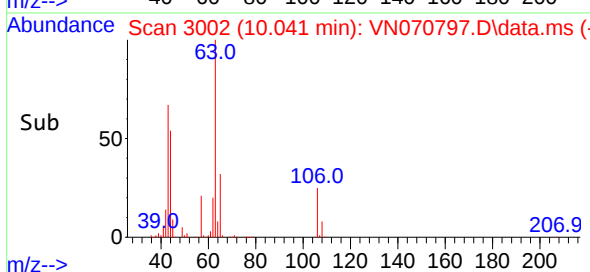
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

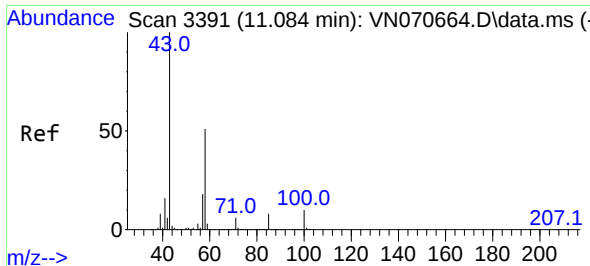


#58
2-Chloroethyl Vinyl ether
Concen: 216.943 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



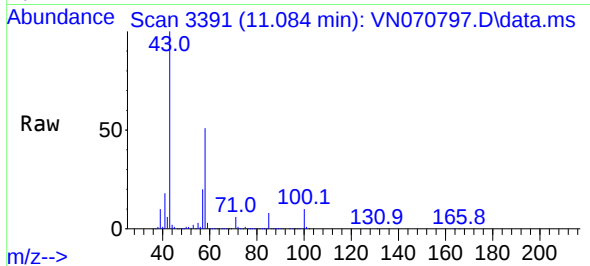
Tgt Ion: 63 Resp: 891955
Ion Ratio Lower Upper
63 100
106 24.9 23.9 35.9





#59
2-Hexanone
Concen: 242.450 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

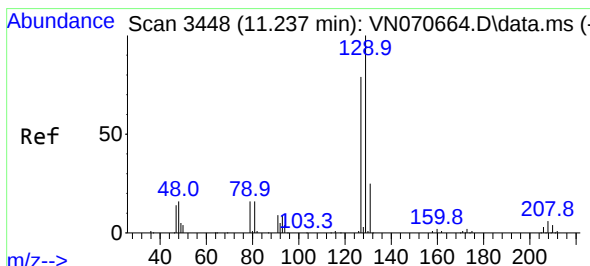
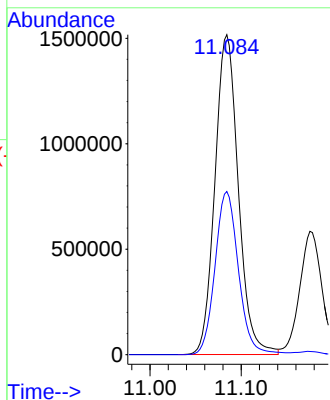
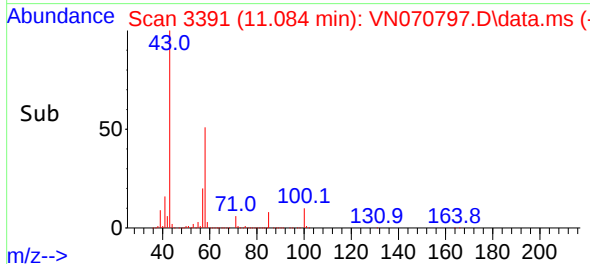
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 270552
Ion Ratio Lower Upper
43 100
58 51.2 26.9 80.7

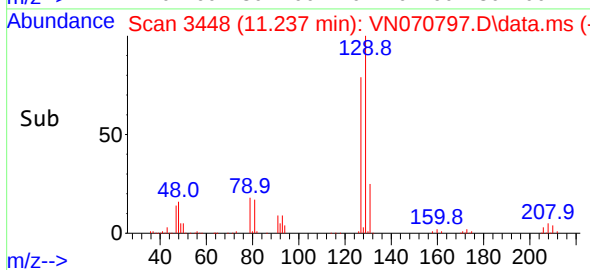
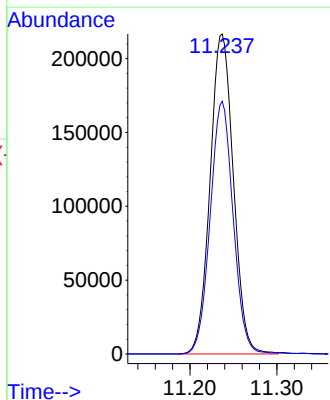
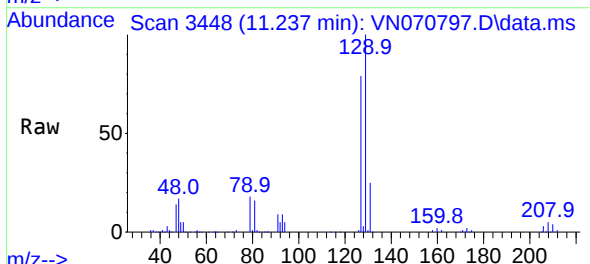
Manual Integrations
APPROVED

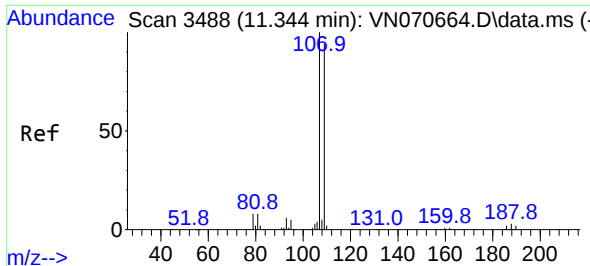
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#60
Dibromochloromethane
Concen: 50.058 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

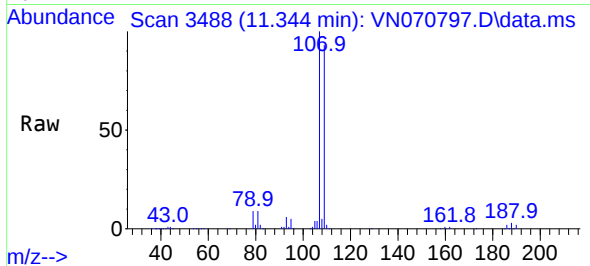
Tgt Ion:129 Resp: 403613
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 46.922 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

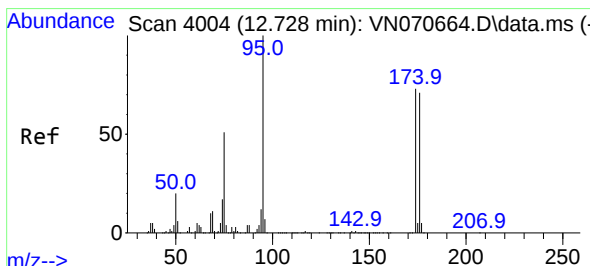
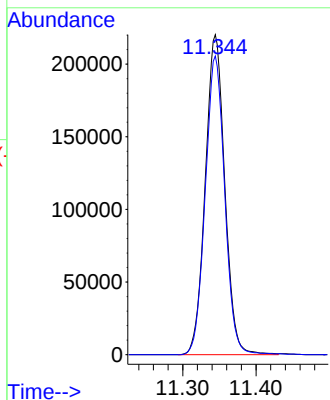
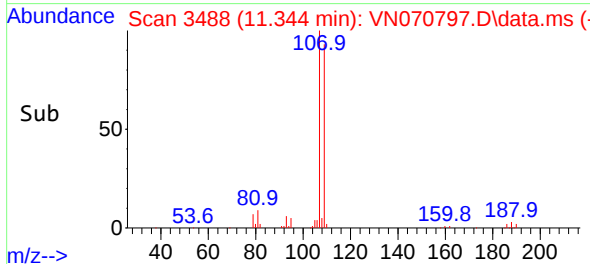
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



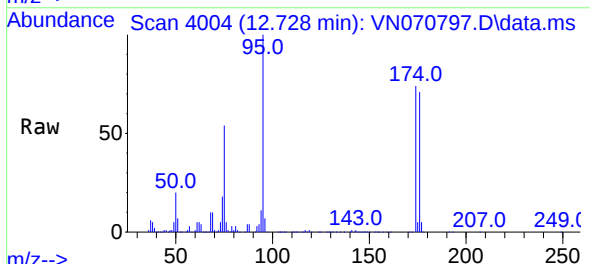
Tgt Ion:107 Resp: 40722
Ion Ratio Lower Upper
107 100
109 93.1 75.7 113.5

Manual Integrations
APPROVED

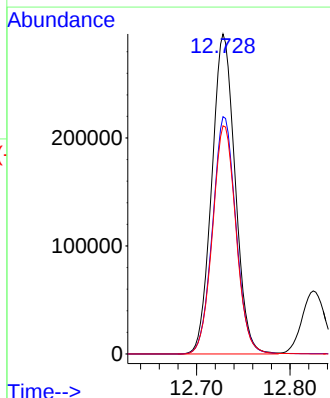
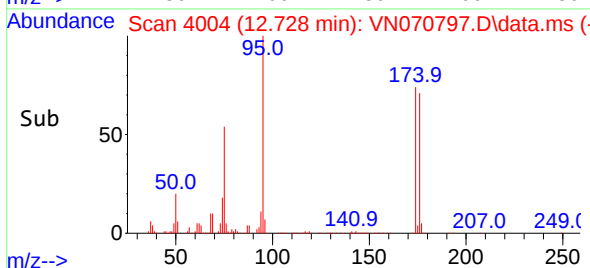
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

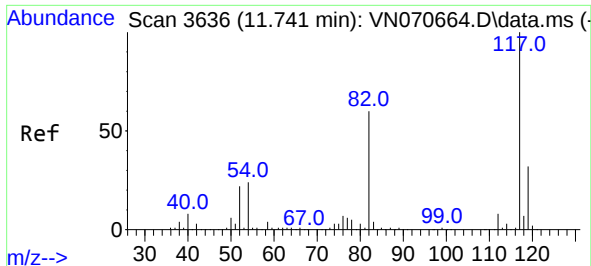


#62
4-Bromofluorobenzene
Concen: 48.472 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



Tgt Ion: 95 Resp: 513132
Ion Ratio Lower Upper
95 100
174 74.5 0.0 187.2
176 72.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Instrument :

MSVOA_N

ClientSampleId :

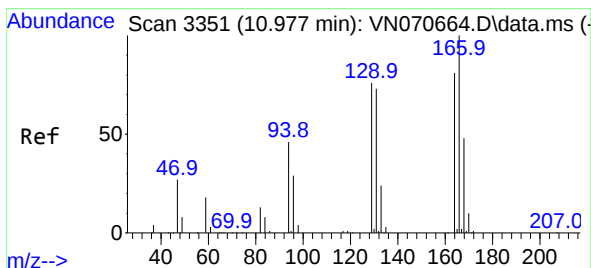
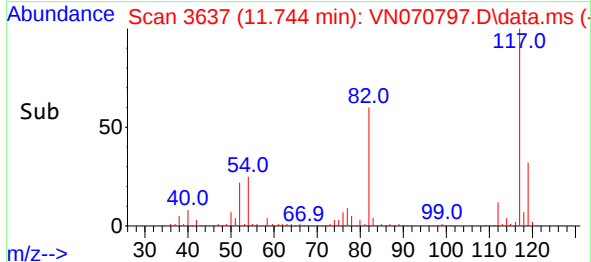
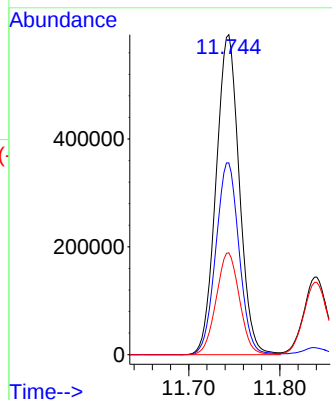
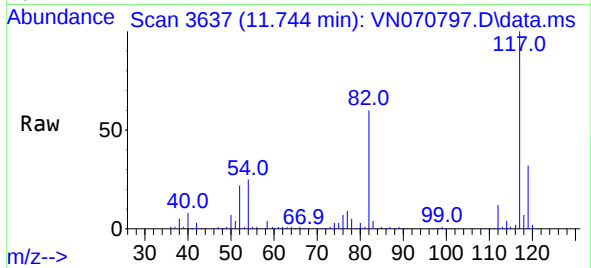
VSTDCCC050EC

Tgt Ion:117 Resp: 1051060
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 31.9 25.4 38.2

Manual Integrations

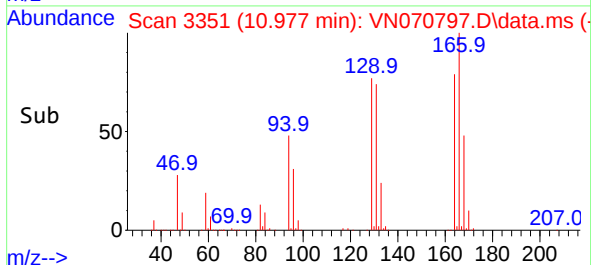
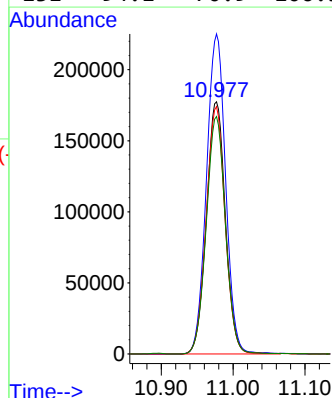
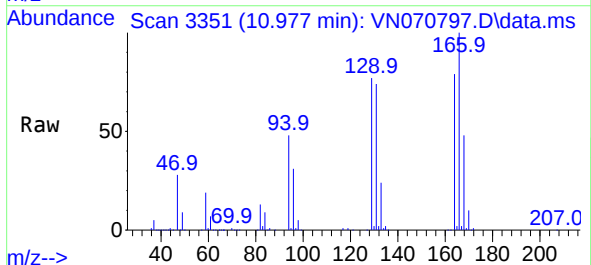
APPROVED

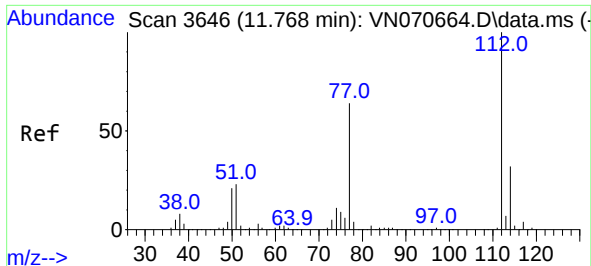
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#64
Tetrachloroethene
Concen: 42.536 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

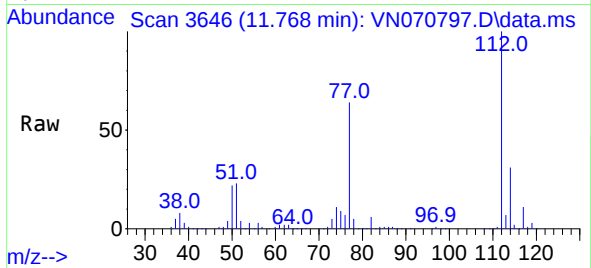
Tgt Ion:164 Resp: 327804
Ion Ratio Lower Upper
164 100
166 126.9 101.9 152.9
129 98.1 72.0 108.0
131 94.1 70.9 106.3





#65
Chlorobenzene
Concen: 45.728 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

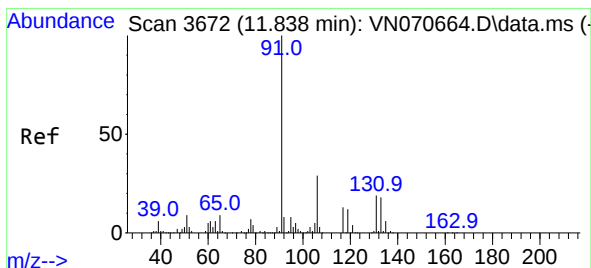
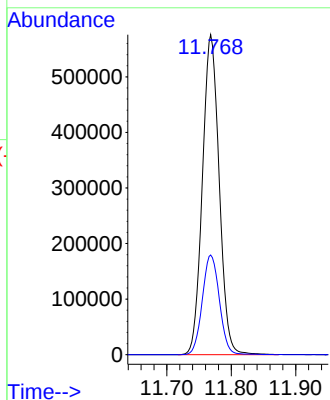
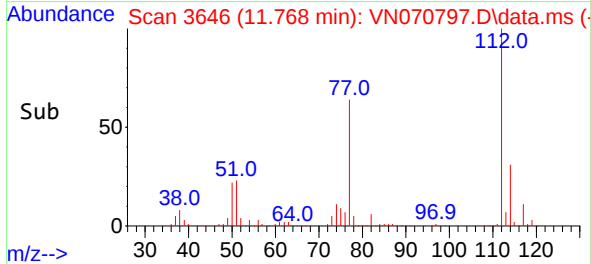
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



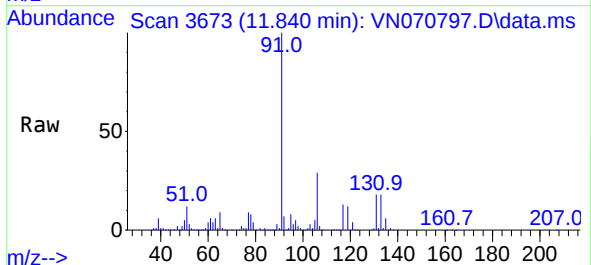
Tgt Ion:112 Resp: 1041340
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0

Manual Integrations
APPROVED

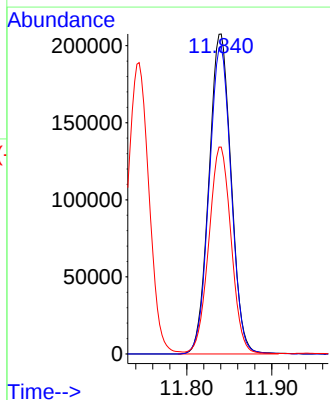
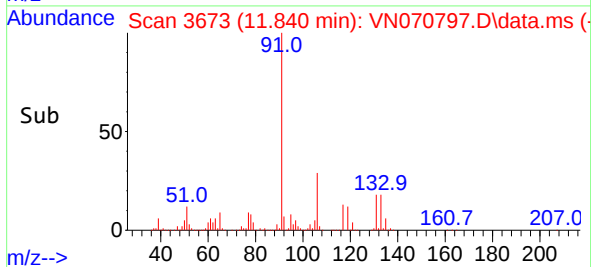
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

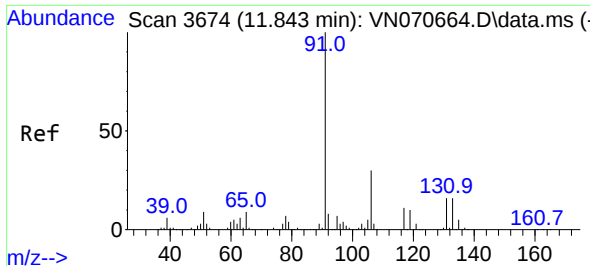


#66
1,1,1,2-Tetrachloroethane
Concen: 48.042 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. 0.002 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



Tgt Ion:131 Resp: 376735
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 64.8 32.1 96.5





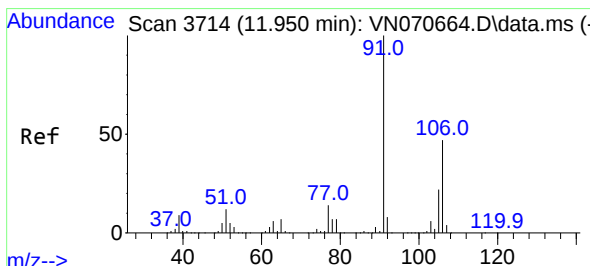
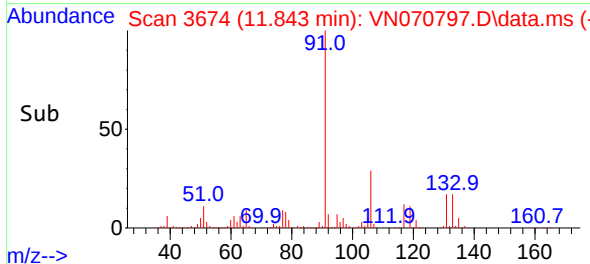
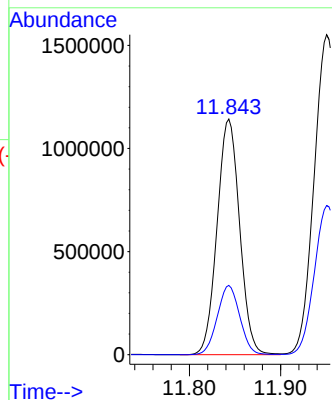
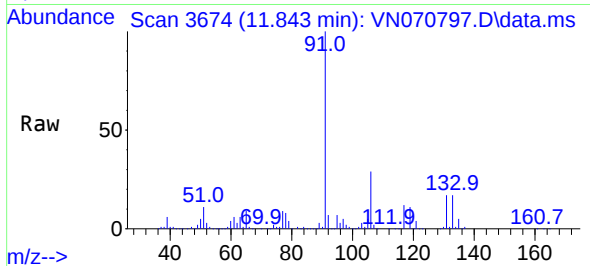
#67
Ethyl Benzene
Concen: 46.446 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 196096
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

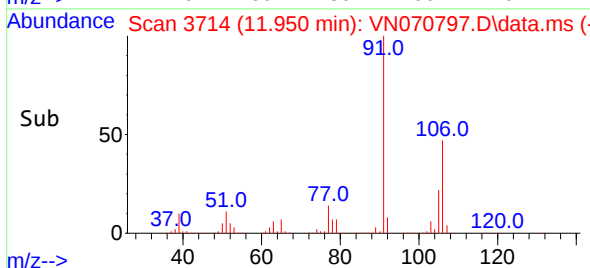
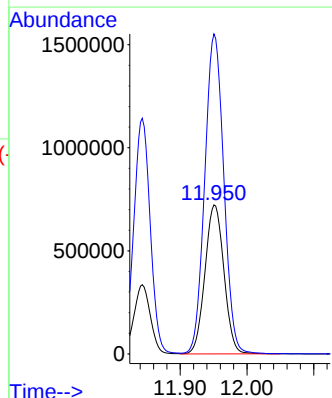
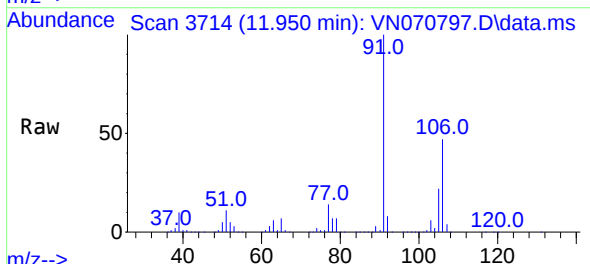
Manual Integrations
APPROVED

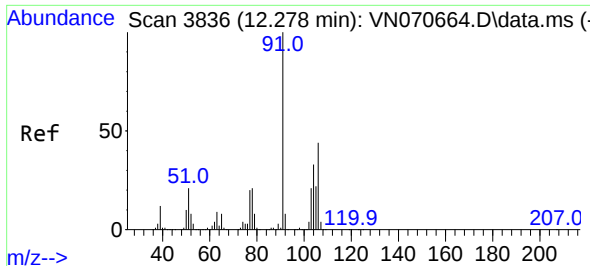
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#68
m/p-Xylenes
Concen: 92.909 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

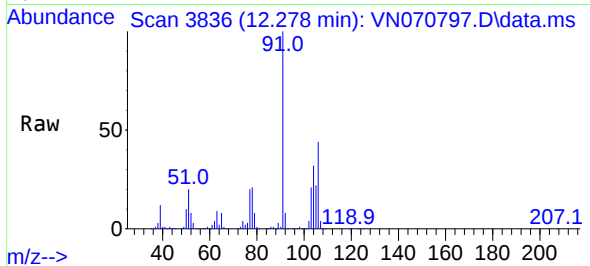
Tgt Ion:106 Resp: 1427020
Ion Ratio Lower Upper
106 100
91 215.0 160.6 240.8





#69
o-Xylene
Concen: 47.436 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

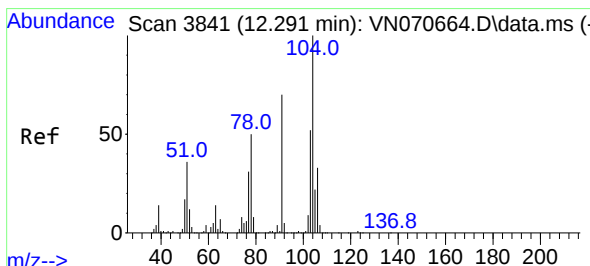
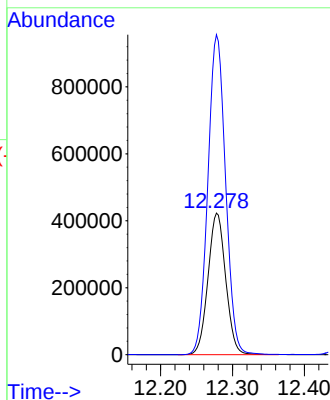
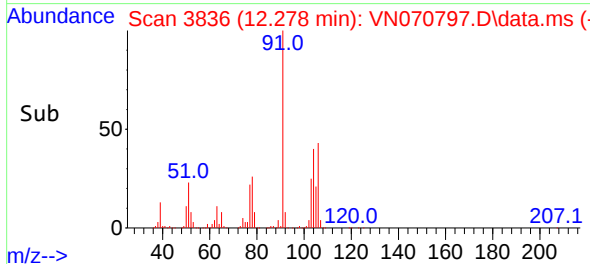
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



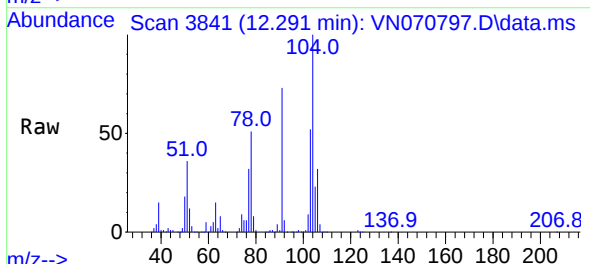
Tgt Ion:106 Resp: 723036
Ion Ratio Lower Upper
106 100
91 226.5 105.8 317.3

Manual Integrations
APPROVED

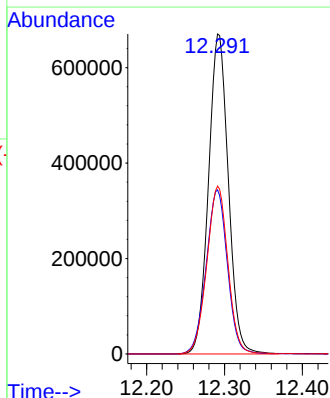
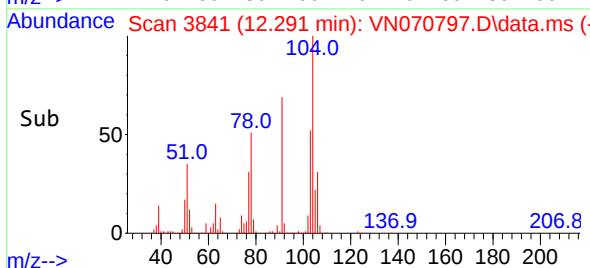
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

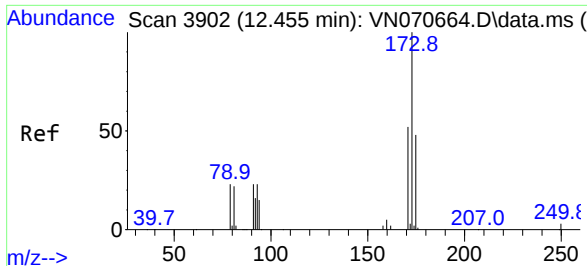


#70
Styrene
Concen: 48.666 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



Tgt Ion:104 Resp: 1186699
Ion Ratio Lower Upper
104 100
78 55.1 38.7 58.1
103 55.8 45.0 67.6





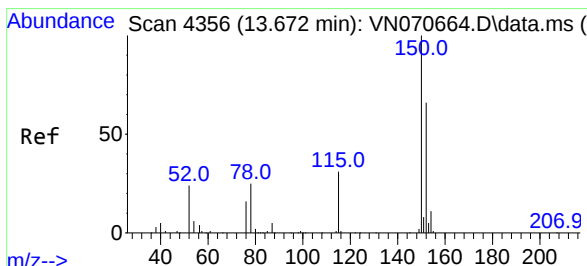
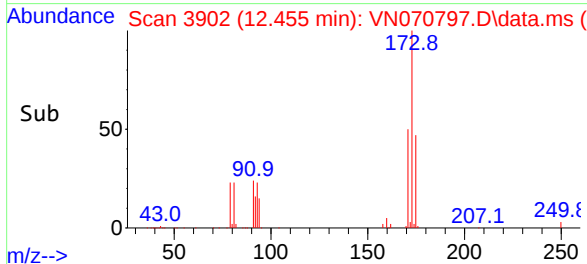
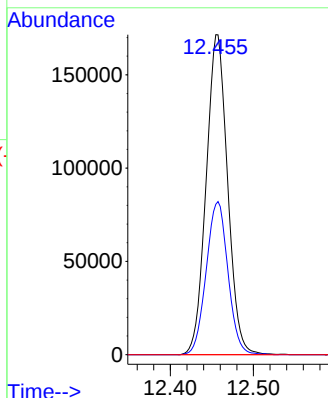
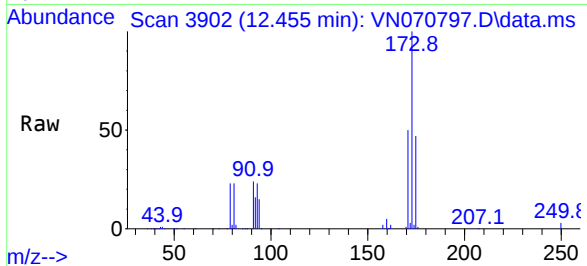
#71
Bromoform
Concen: 51.897 ug/l
RT: 12.455 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 307412
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0

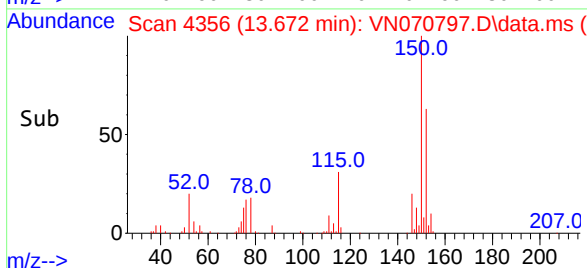
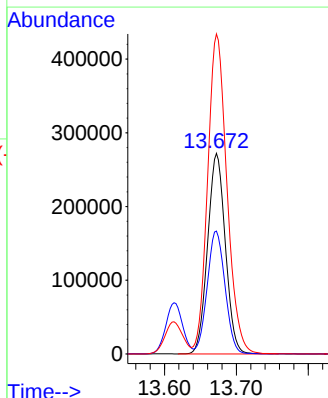
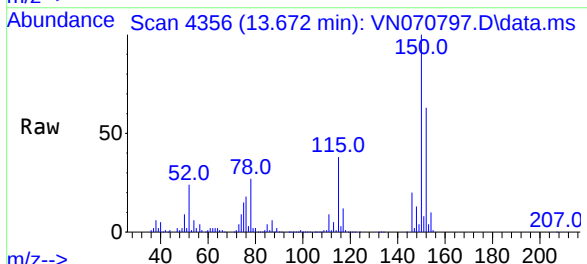
Manual Integrations
APPROVED

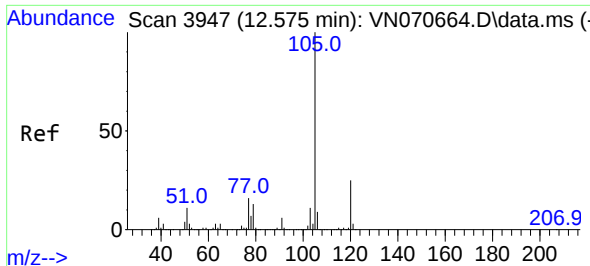
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

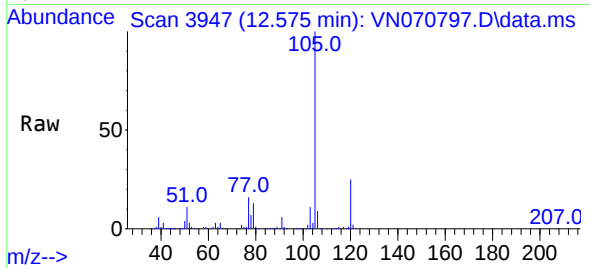
Tgt Ion:152 Resp: 467287
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 173.1 0.0 344.4





#73
Isopropylbenzene
Concen: 42.355 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

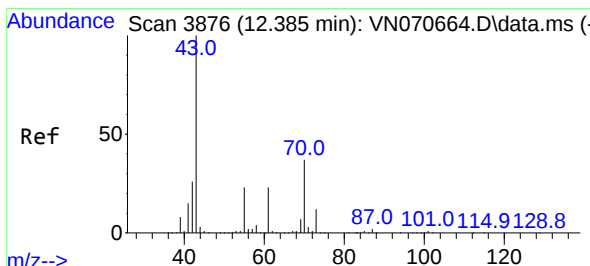
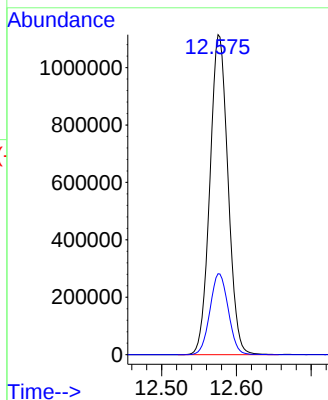
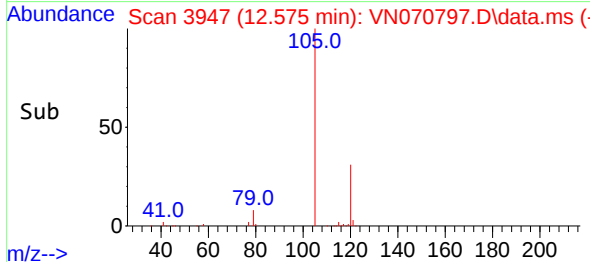
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



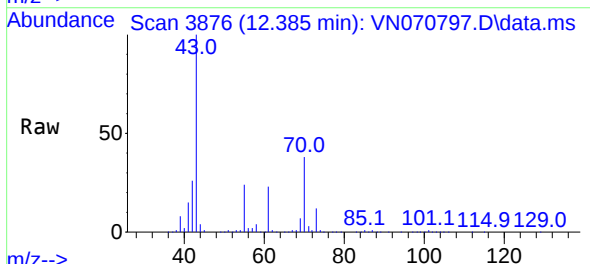
Tgt Ion:105 Resp: 187242
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
APPROVED

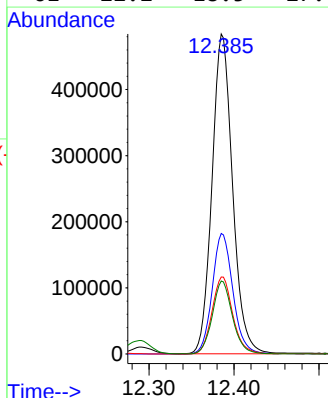
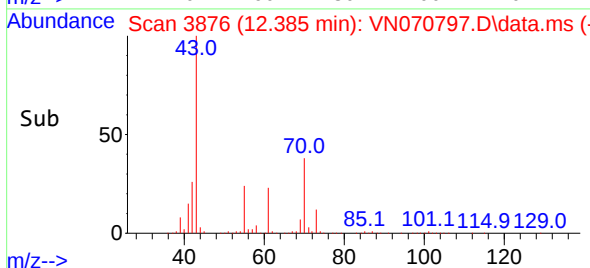
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

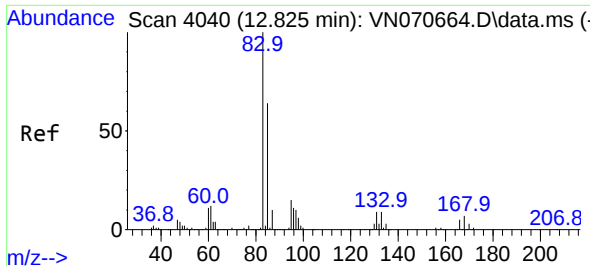


#74
N-ethyl acetate
Concen: 44.915 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



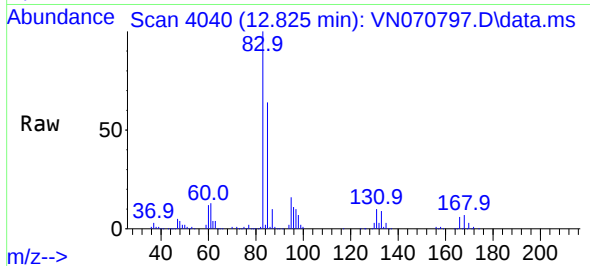
Tgt Ion: 43 Resp: 811832
Ion Ratio Lower Upper
43 100
70 37.8 33.4 50.0
55 24.5 19.3 28.9
61 22.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 42.498 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

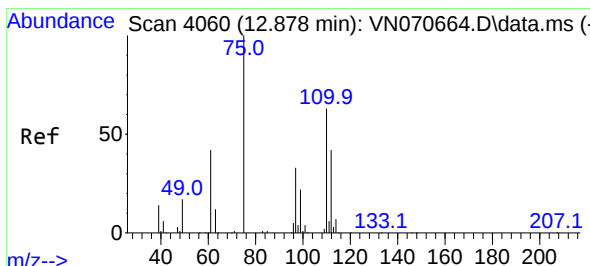
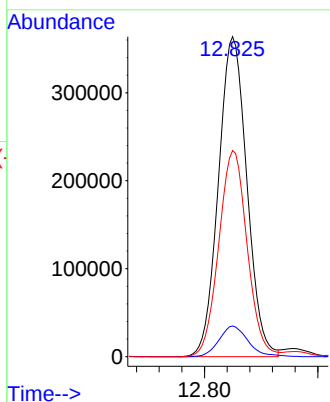
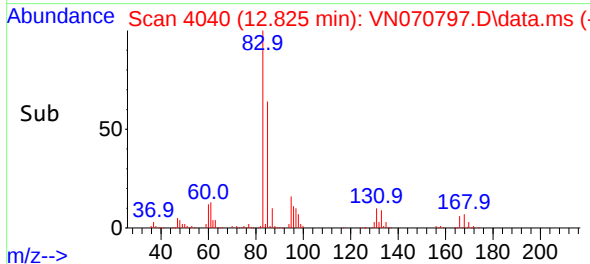
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



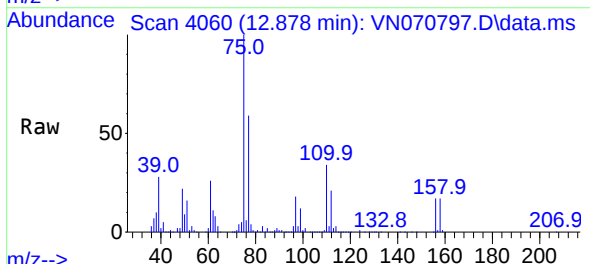
Tgt Ion: 83 Resp: 63448
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 64.3 32.4 97.2

Manual Integrations
APPROVED

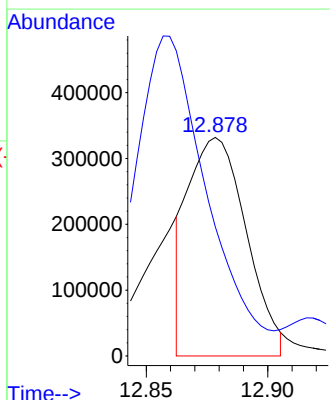
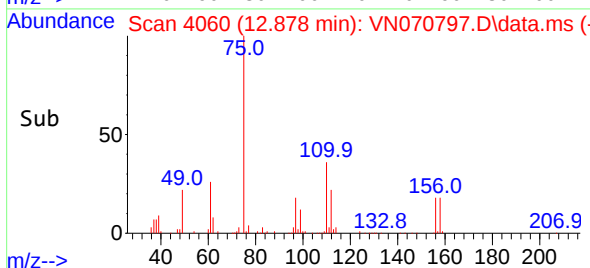
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

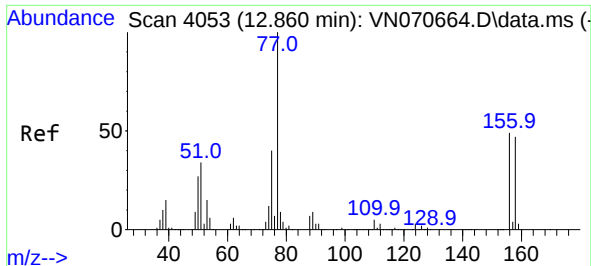


#76
1,2,3-Trichloropropane
Concen: 44.672 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



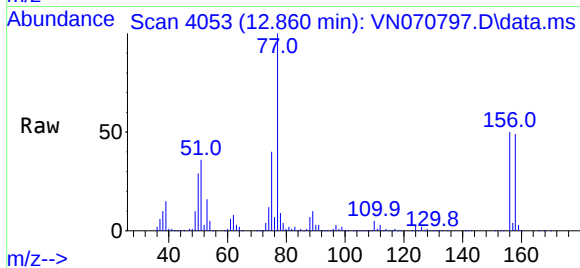
Tgt Ion: 75 Resp: 553652
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 42.899 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

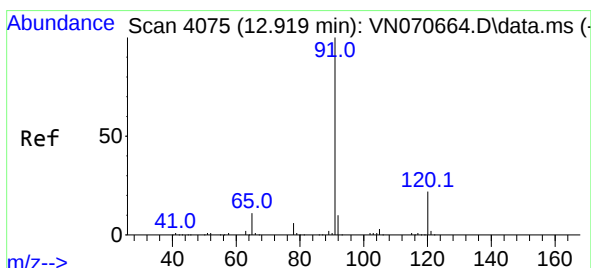
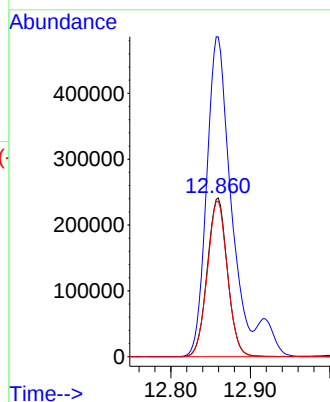
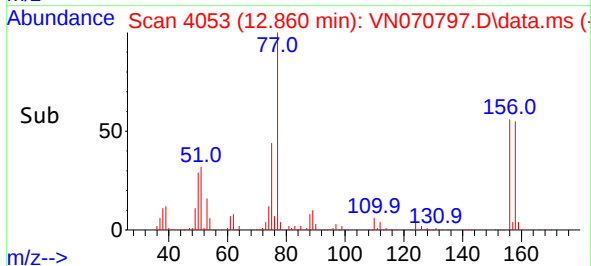
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



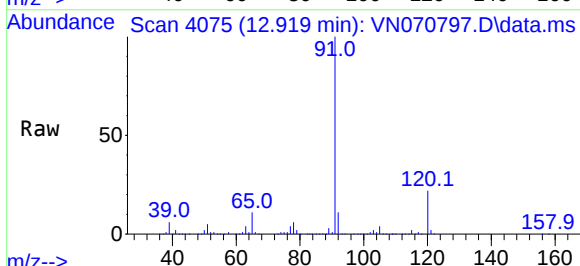
Tgt Ion:156 Resp: 425199
Ion Ratio Lower Upper
156 100
77 237.5 90.6 271.8
158 98.3 48.9 146.7

Manual Integrations
APPROVED

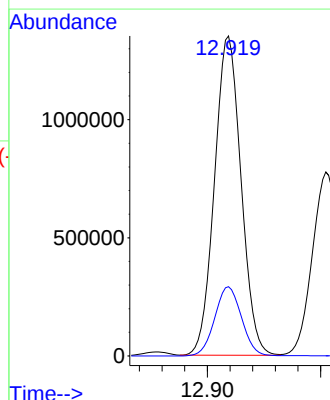
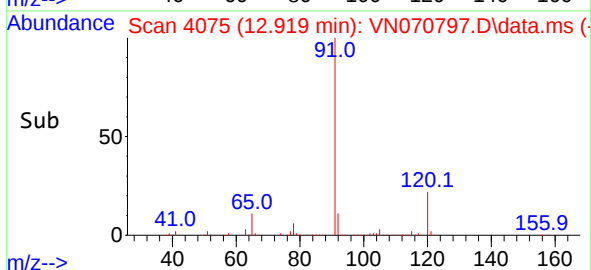
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

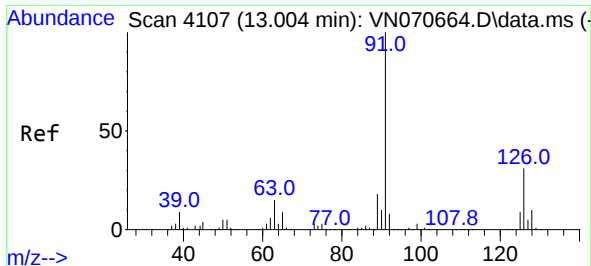


#78
n-propylbenzene
Concen: 44.418 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



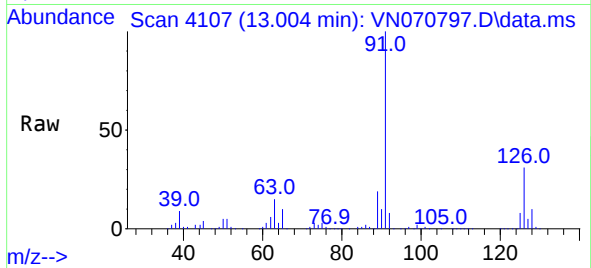
Tgt Ion: 91 Resp: 2196000
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





#79
2-Chlorotoluene
Concen: 42.886 ug/l
RT: 13.004 min Scan# 4107
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

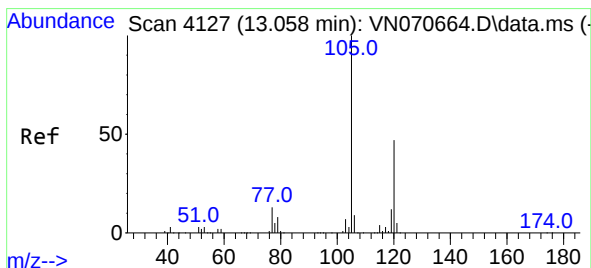
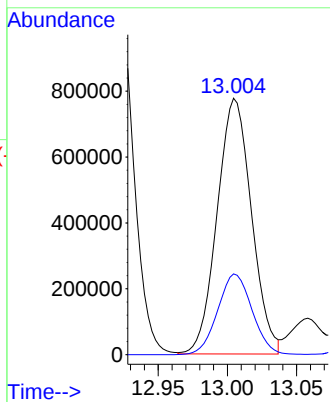
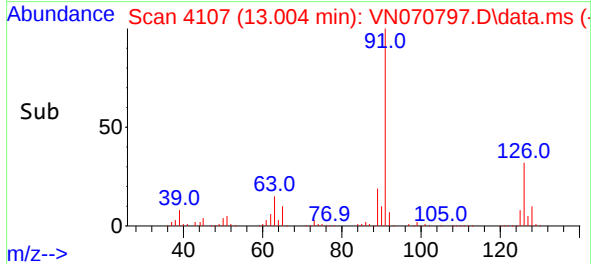
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



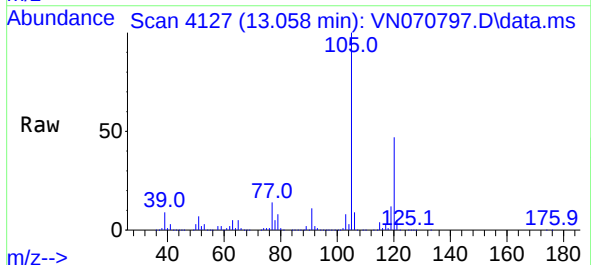
Tgt Ion: 91 Resp: 1341249
Ion Ratio Lower Upper
91 100
126 31.7 18.3 54.8

Manual Integrations
APPROVED

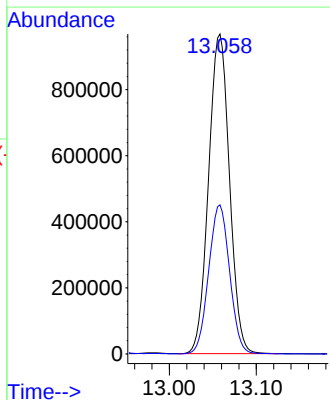
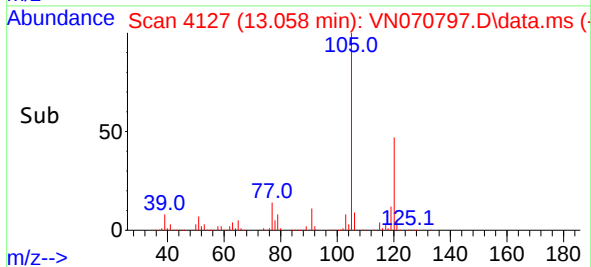
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

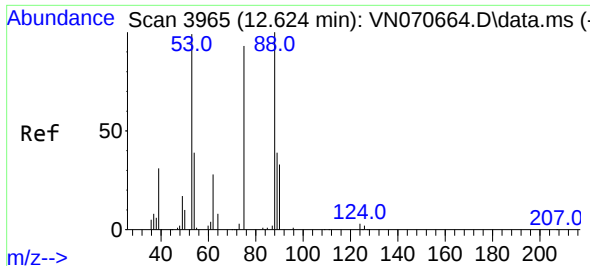


#80
1,3,5-Trimethylbenzene
Concen: 45.187 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



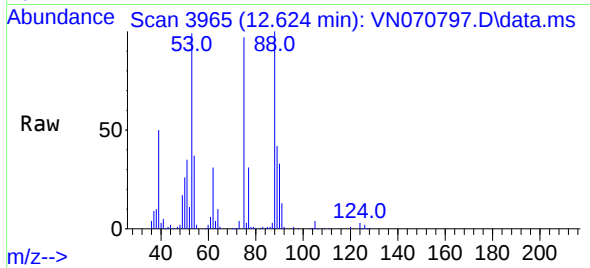
Tgt Ion:105 Resp: 1615412
Ion Ratio Lower Upper
105 100
120 46.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.094 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

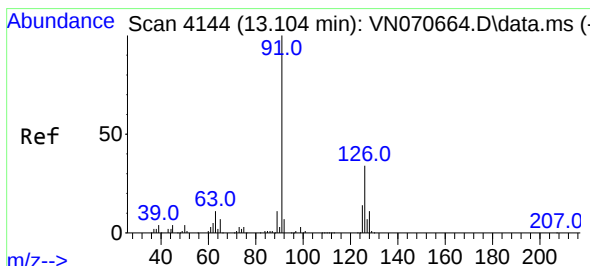
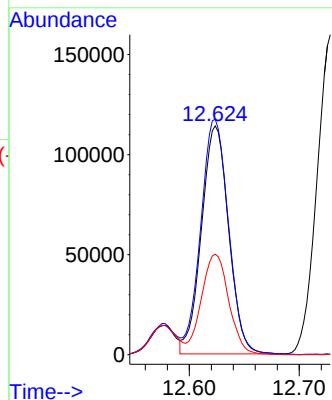
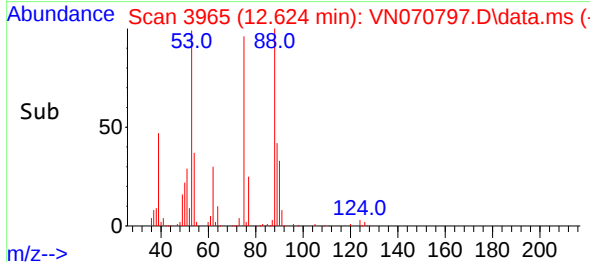
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



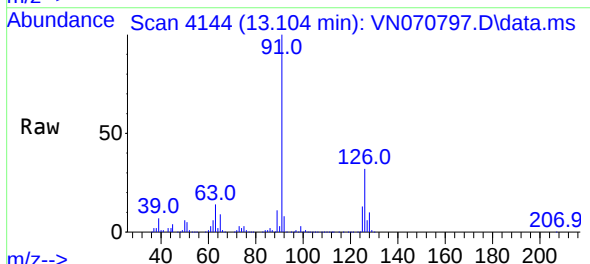
Tgt Ion: 75 Resp: 195918
Ion Ratio Lower Upper
75 100
53 106.1 90.5 135.7
89 44.4 38.2 57.4

Manual Integrations
APPROVED

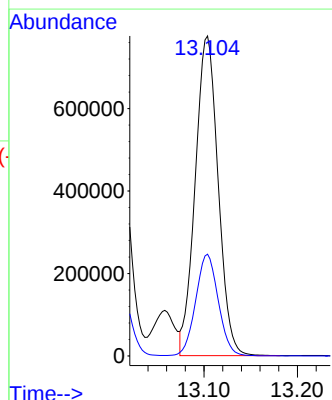
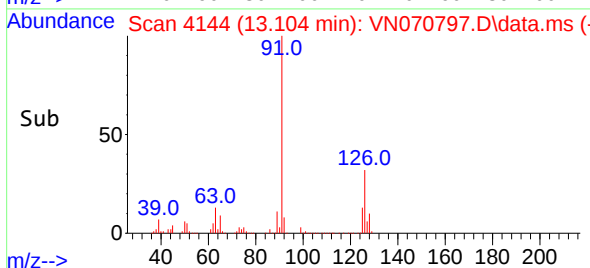
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

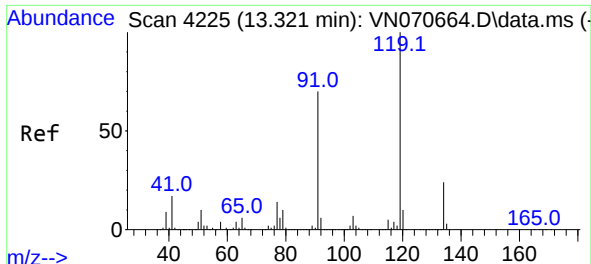


#82
4-Chlorotoluene
Concen: 45.089 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



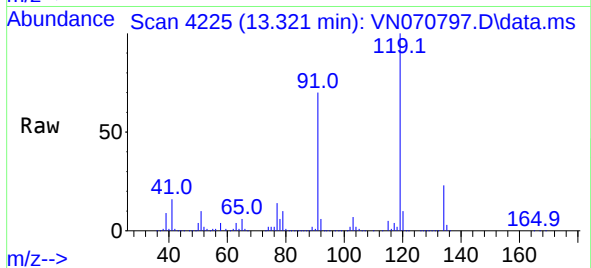
Tgt Ion: 91 Resp: 1317506
Ion Ratio Lower Upper
91 100
126 31.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 43.893 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

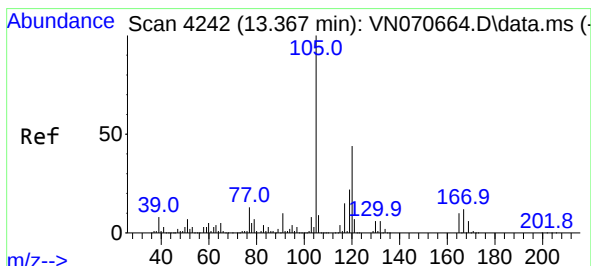
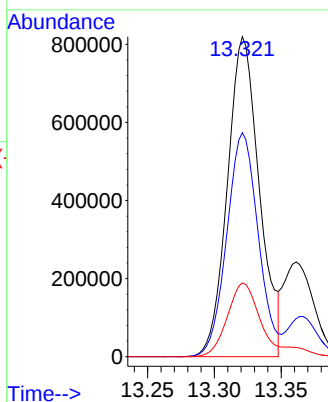
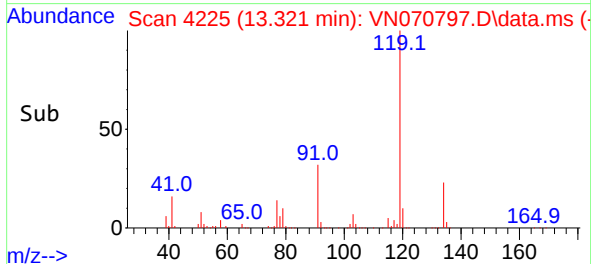
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



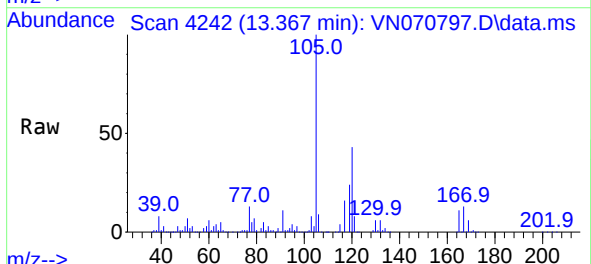
Tgt Ion:119 Resp: 136592
Ion Ratio Lower Upper
119 100
91 69.3 31.5 94.5
134 25.4 12.4 37.4

Manual Integrations
APPROVED

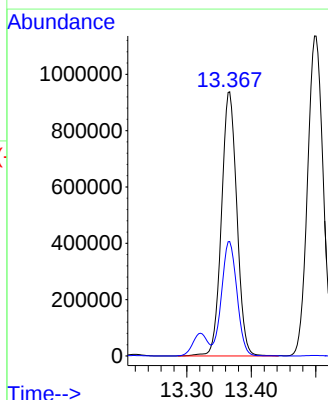
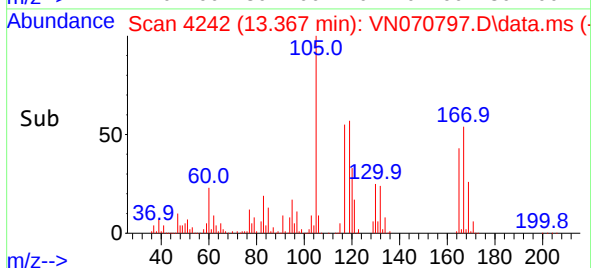
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

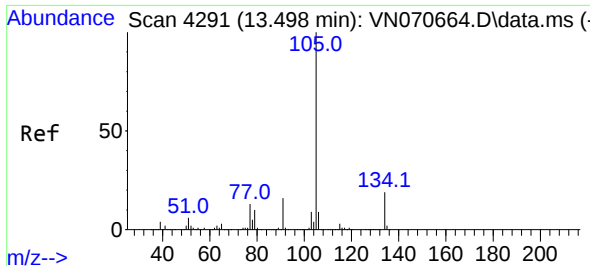


#84
1,2,4-Trimethylbenzene
Concen: 45.251 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



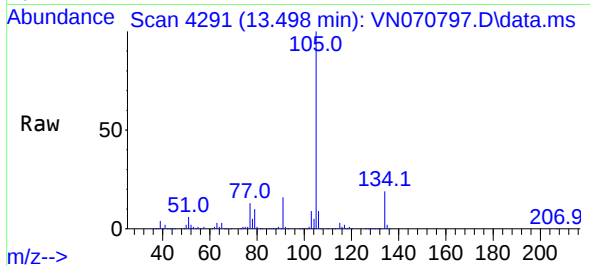
Tgt Ion:105 Resp: 1554975
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 45.088 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.000 min
 Lab File: VN070797.D
 Acq: 26 Jan 2022 18:20

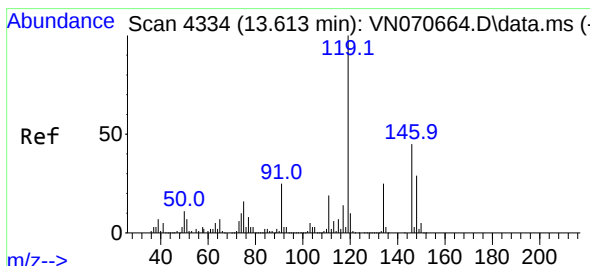
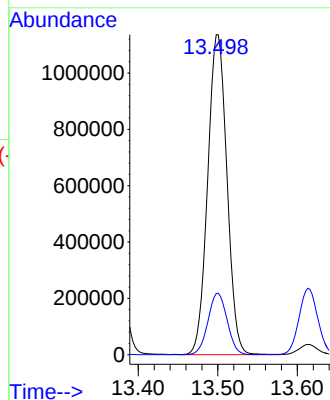
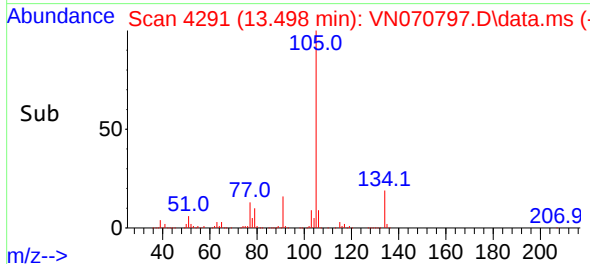
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



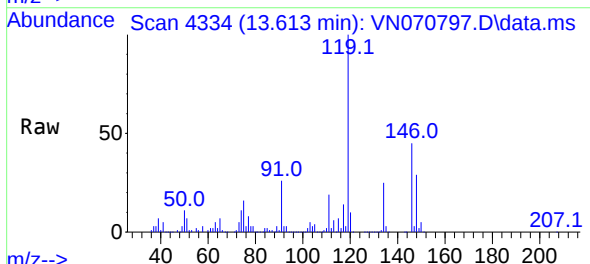
Tgt Ion:105 Resp: 1907524
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

Manual Integrations
 APPROVED

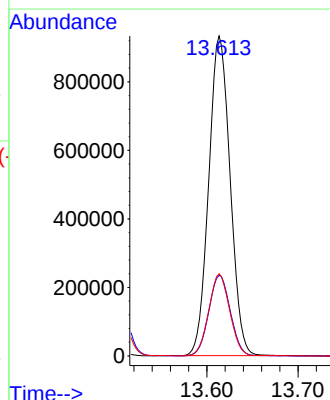
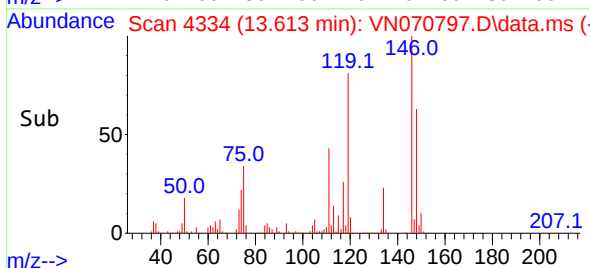
Reviewed By :John Carlone 01/27/2022
 Supervised By :Mahesh Dadoda 01/27/2022

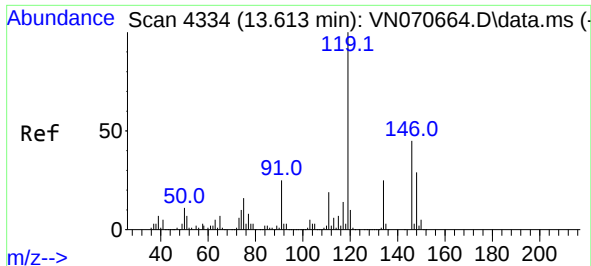


#86
 p-Isopropyltoluene
 Concen: 45.776 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070797.D
 Acq: 26 Jan 2022 18:20



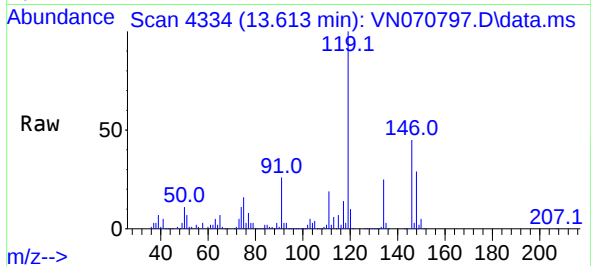
Tgt Ion:119 Resp: 1521334
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 44.108 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

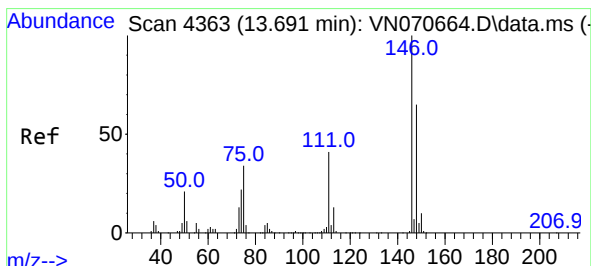
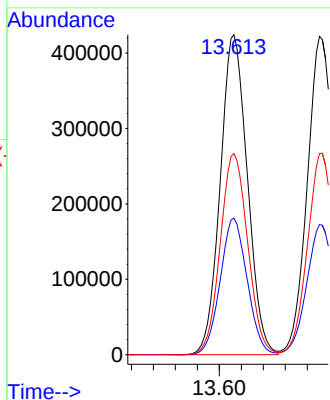
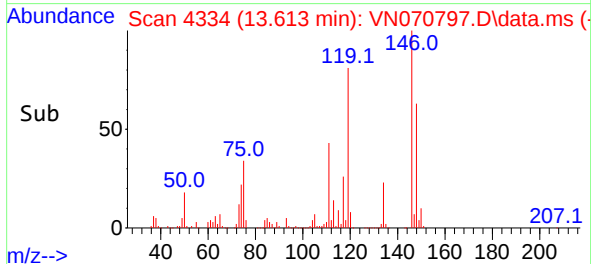
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



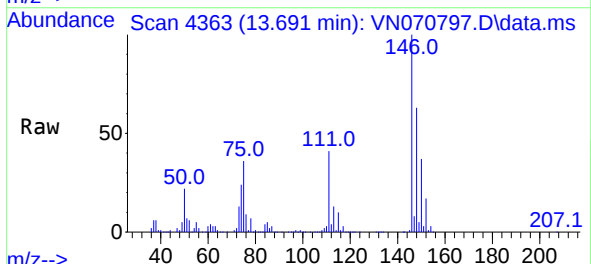
Tgt Ion:146 Resp: 72724
Ion Ratio Lower Upper
146 100
111 42.4 18.6 55.6
148 63.7 31.6 95.0

Manual Integrations
APPROVED

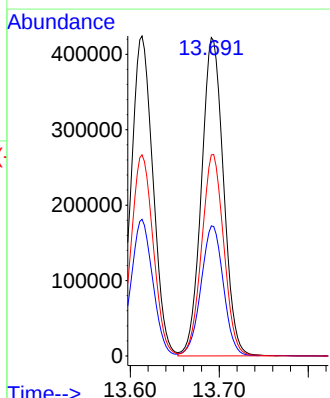
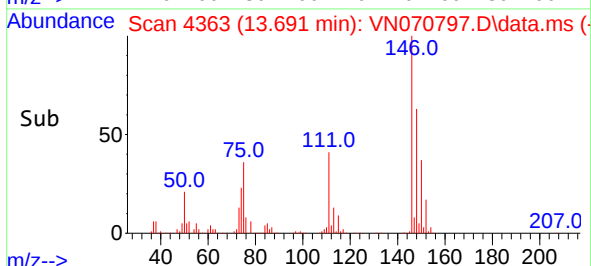
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

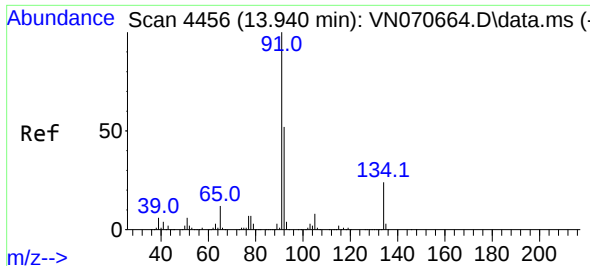


#88
1,4-Dichlorobenzene
Concen: 44.200 ug/l
RT: 13.691 min Scan# 4363
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



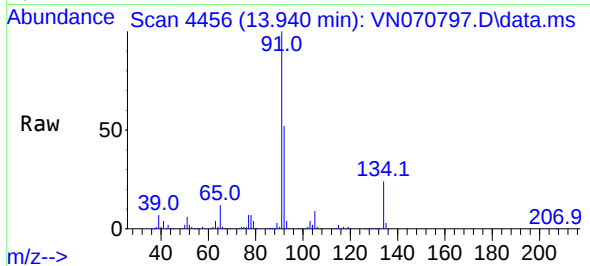
Tgt Ion:146 Resp: 725266
Ion Ratio Lower Upper
146 100
111 41.3 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 45.386 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

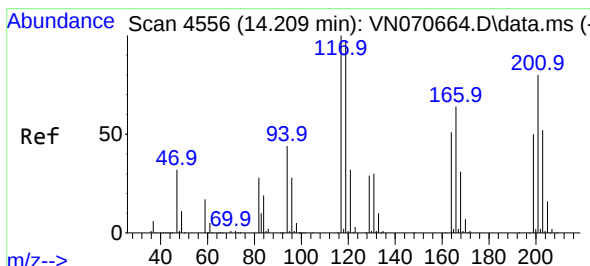
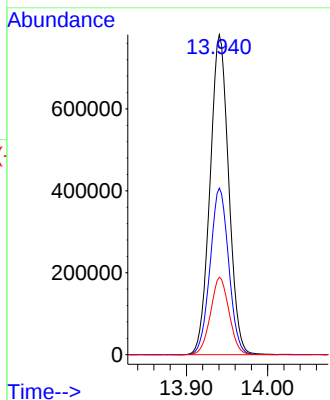
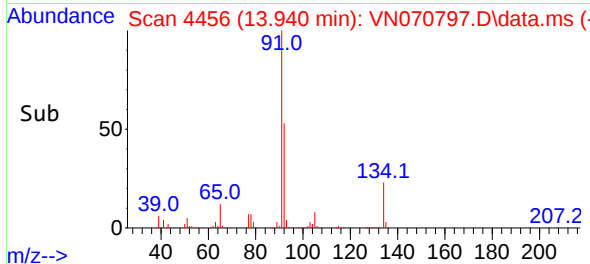
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



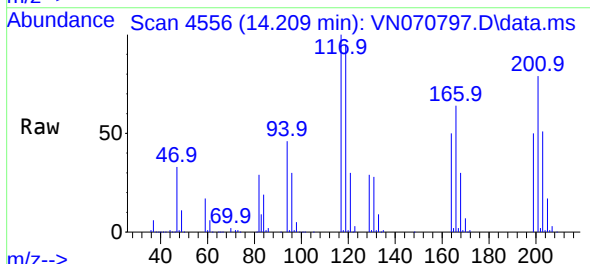
Tgt Ion: 91 Resp: 1244375
Ion Ratio Lower Upper
91 100
92 52.0 25.4 76.0
134 24.1 13.6 40.8

Manual Integrations
APPROVED

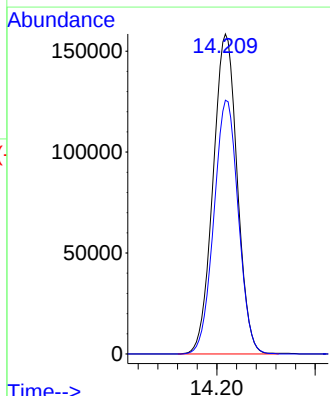
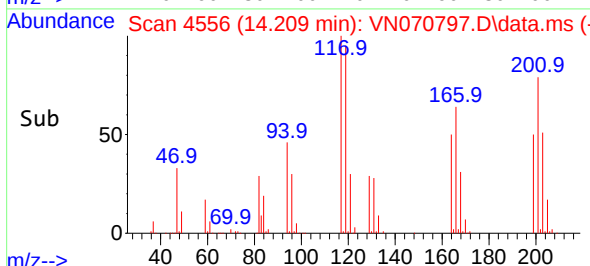
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

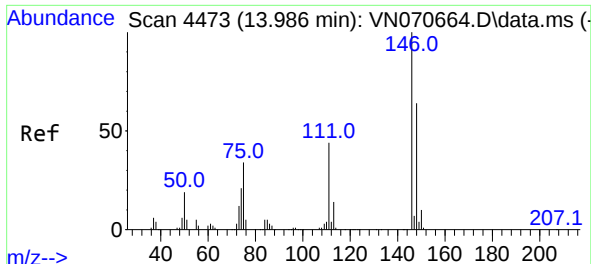


#90
Hexachloroethane
Concen: 46.638 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



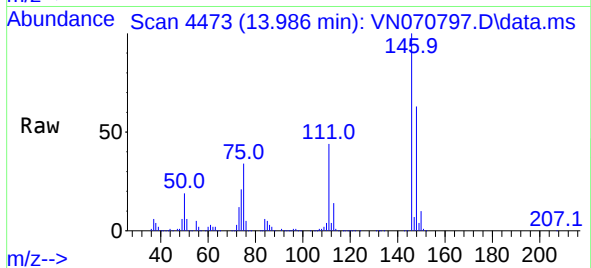
Tgt Ion:117 Resp: 270942
Ion Ratio Lower Upper
117 100
201 80.1 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 43.279 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

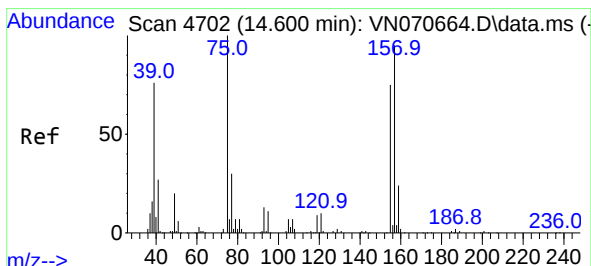
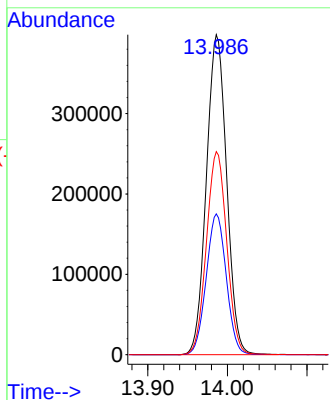
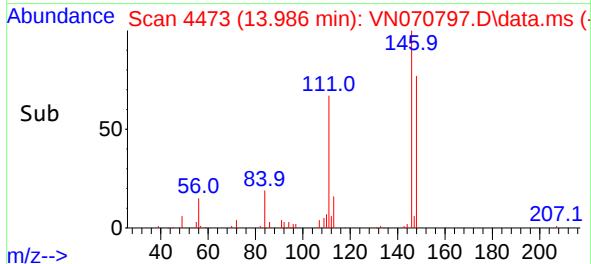
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ClientSampleId :
VSTDCCC050EC



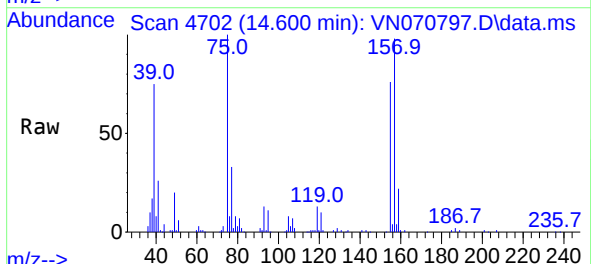
Tgt Ion:146 Resp: 705029
Ion Ratio Lower Upper
146 100
111 43.6 19.1 57.3
148 63.7 32.1 96.3

Manual Integrations
APPROVED

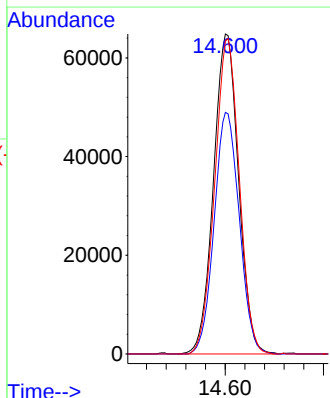
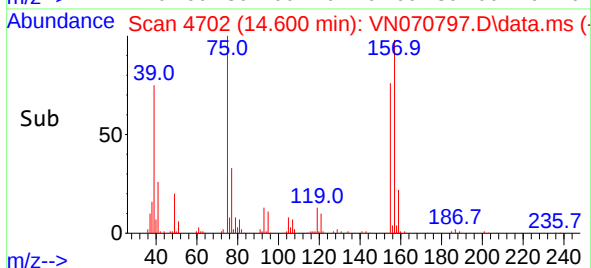
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

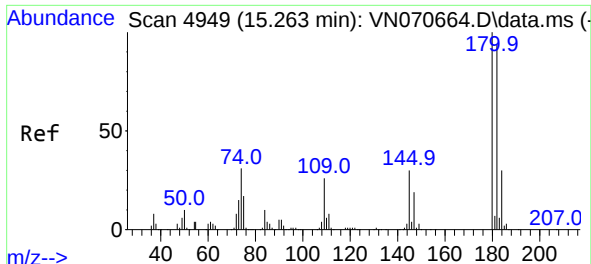


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.233 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



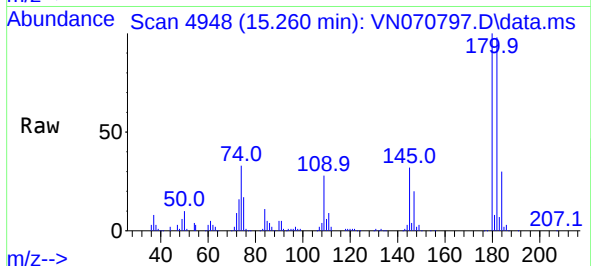
Tgt Ion: 75 Resp: 114554
Ion Ratio Lower Upper
75 100
155 76.0 46.9 140.7
157 96.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 39.918 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

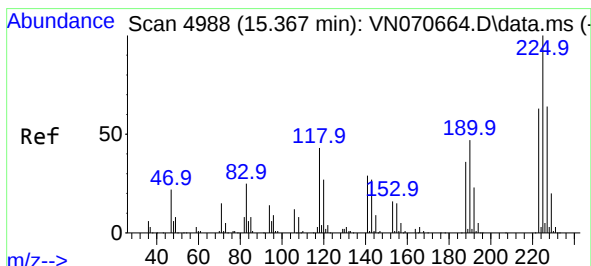
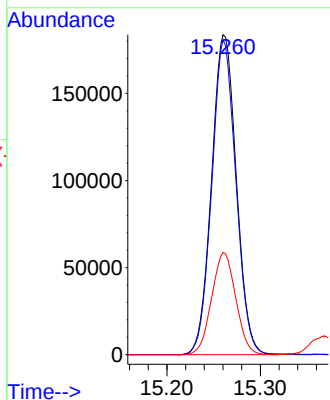
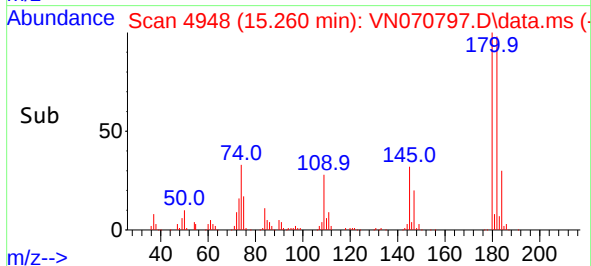
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



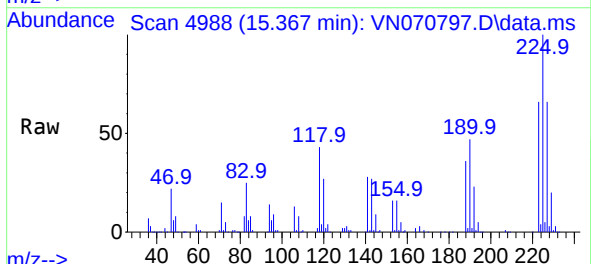
Tgt Ion:180 Resp: 338214
Ion Ratio Lower Upper
180 100
182 95.8 48.3 144.9
145 31.2 14.5 43.5

Manual Integrations
APPROVED

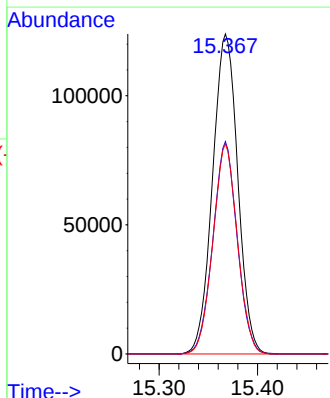
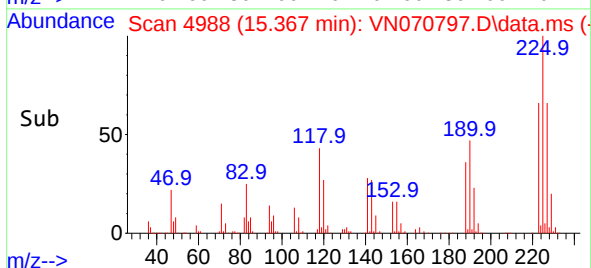
Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

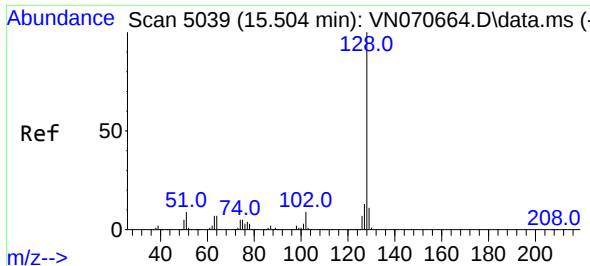


#94
Hexachlorobutadiene
Concen: 45.825 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



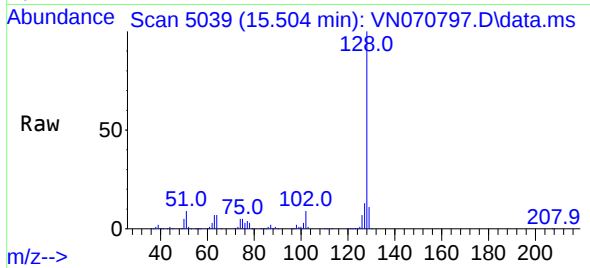
Tgt Ion:225 Resp: 221091
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.7
227 63.6 32.1 96.3





#95
Naphthalene
Concen: 38.011 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20

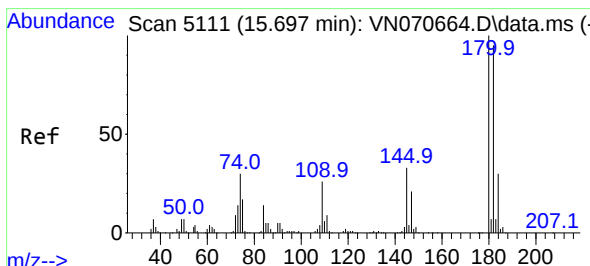
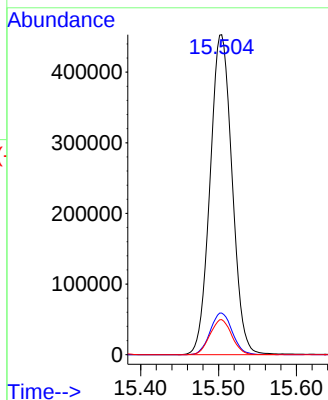
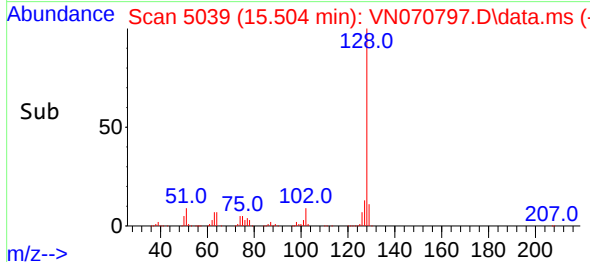
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



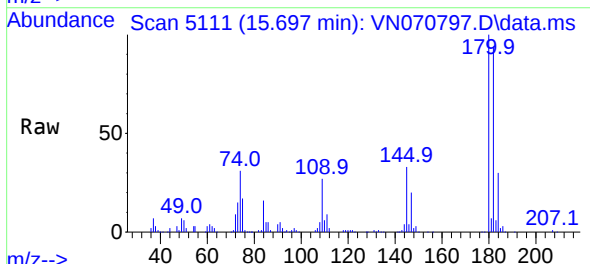
Tgt Ion:128 Resp: 889138
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022



#96
1,2,3-Trichlorobenzene
Concen: 40.583 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. 0.000 min
Lab File: VN070797.D
Acq: 26 Jan 2022 18:20



Tgt Ion:180 Resp: 329569
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 32.9 15.0 45.1

