

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012122\
 Data File : VN070743.D
 Acq On : 21 Jan 2022 20:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

Quant Time: Jan 22 05:31:13 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	728956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1227077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1159474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	487704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	528463	50.585	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.160%			
35) Dibromofluoromethane	8.019	113	376056	49.406	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.820%			
50) Toluene-d8	10.438	98	1563229	48.751	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.500%			
62) 4-Bromofluorobenzene	12.728	95	576431	50.447	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	361329	42.896	ug/l	98
3) Chloromethane	2.306	50	511602	41.551	ug/l	99
4) Vinyl Chloride	2.451	62	536350	45.800	ug/l	98
5) Bromomethane	2.856	94	325111	53.303	ug/l	98
6) Chloroethane	3.022	64	346948	47.475	ug/l	99
7) Trichlorofluoromethane	3.381	101	672158	50.244	ug/l	98
8) Diethyl Ether	3.824	74	312268	53.435	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.213	101	419794	51.919	ug/l	95
10) Methyl Iodide	4.422	142	613771	58.867	ug/l	98
11) Tert butyl alcohol	5.369	59	438923	232.876	ug/l	98
12) 1,1-Dichloroethene	4.183	96	417551	51.778	ug/l	93
13) Acrolein	4.041	56	764634	282.868	ug/l	99
14) Allyl chloride	4.840	41	954180	54.305	ug/l	86
15) Acrylonitrile	5.551	53	1585817	264.483	ug/l	98
16) Acetone	4.283	43	1489498	205.418	ug/l	99
17) Carbon Disulfide	4.532	76	1115110	50.914	ug/l	100
18) Methyl Acetate	4.854	43	724814	50.828	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	1618562	56.183	ug/l	94
20) Methylene Chloride	5.095	84	517695	54.201	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	453236	55.843	ug/l	87
22) Diisopropyl ether	6.495	45	1952610	56.066	ug/l #	91
23) Vinyl Acetate	6.431	43	8359667	283.163	ug/l	95
24) 1,1-Dichloroethane	6.388	63	955259	54.833	ug/l	98
25) 2-Butanone	7.332	43	2094621	229.565	ug/l	91
26) 2,2-Dichloropropane	7.324	77	684287	51.232	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	508729	52.764	ug/l	87
28) Bromochloromethane	7.657	49	399701	51.102	ug/l #	76
29) Tetrahydrofuran	7.681	42	1342162	240.236	ug/l	87
30) Chloroform	7.815	83	787930	46.278	ug/l	99
31) Cyclohexane	8.094	56	772361	41.985	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	640622	47.376	ug/l	98
36) 1,1-Dichloropropene	8.220	75	572475	44.676	ug/l	96
37) Ethyl Acetate	7.410	43	808422	47.521	ug/l	98
38) Carbon Tetrachloride	8.206	117	531091	46.589	ug/l	99
39) Methylcyclohexane	9.459	83	701336	44.334	ug/l	88
40) Benzene	8.458	78	1750075	44.077	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	441926	51.061	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	634888	46.116	ug/l	99
43) Isopropyl Acetate	8.558	43	1161092	44.685	ug/l #	95
44) Trichloroethene	9.215	130	394666	43.847	ug/l	88
45) 1,2-Dichloropropane	9.488	63	488145	45.187	ug/l	100
46) Dibromomethane	9.574	93	287927	45.838	ug/l	93
47) Bromodichloromethane	9.759	83	583303	45.429	ug/l	99
48) Methyl methacrylate	9.558	41	572320	46.234	ug/l #	80
49) 1,4-Dioxane	9.566	88	148226	797.162	ug/l #	80
51) 4-Methyl-2-Pentanone	10.328	43	3661592	220.839	ug/l	98
52) Toluene	10.502	92	1082145	45.563	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	667282	43.199	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	726809	47.200	ug/l	99
55) 1,1,2-Trichloroethane	10.894	97	416492	44.639	ug/l	98
56) Ethyl methacrylate	10.757	69	742950	42.243	ug/l	89
57) 1,3-Dichloropropane	11.041	76	762183	46.145	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	939905	212.298	ug/l	90
59) 2-Hexanone	11.081	43	2595237	215.464	ug/l	97
60) Dibromochloromethane	11.234	129	415074	47.694	ug/l	100
61) 1,2-Dibromoethane	11.342	107	428248	45.716	ug/l	98
64) Tetrachloroethene	10.974	164	335826	39.503	ug/l	92
65) Chlorobenzene	11.768	112	1121486	44.643	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	403504	46.644	ug/l	99
67) Ethyl Benzene	11.840	91	2137367	45.891	ug/l	95
68) m/p-Xylenes	11.950	106	1543192	91.078	ug/l	91
69) o-Xylene	12.278	106	780772	46.434	ug/l	90
70) Styrene	12.291	104	1283926	47.730	ug/l	95
71) Bromoform	12.455	173	304716	46.632	ug/l #	99
73) Isopropylbenzene	12.575	105	2046635	44.358	ug/l	98
74) N-amyl acetate	12.385	43	881336	46.719	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	656974	42.162	ug/l	98
76) 1,2,3-Trichloropropane	12.876	75	661461m	51.137	ug/l	
77) Bromobenzene	12.857	156	454839	43.968	ug/l	75
78) n-propylbenzene	12.916	91	2365695	45.847	ug/l	96
79) 2-Chlorotoluene	13.004	91	1449775	44.416	ug/l	91
80) 1,3,5-Trimethylbenzene	13.055	105	1703616	45.659	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	187884	43.273	ug/l	97
82) 4-Chlorotoluene	13.101	91	1385201	45.421	ug/l	91
83) tert-Butylbenzene	13.321	119	1479013	45.537	ug/l	94
84) 1,2,4-Trimethylbenzene	13.364	105	1682206	46.904	ug/l	97
85) sec-Butylbenzene	13.498	105	2073917	46.969	ug/l	97
86) p-Isopropyltoluene	13.613	119	1701904	49.065	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	793633	46.119	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	766019	44.730	ug/l	96
89) n-Butylbenzene	13.940	91	1457519	50.935	ug/l	96
90) Hexachloroethane	14.209	117	284059	46.849	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	766083	45.059	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.600	75	116744	44.168	ug/l	81
93) 1,2,4-Trichlorobenzene	15.260	180	405545	45.351	ug/l	96
94) Hexachlorobutadiene	15.367	225	238648	47.394	ug/l	99
95) Naphthalene	15.501	128	1090220	43.791	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	390350	45.622	ug/l	99

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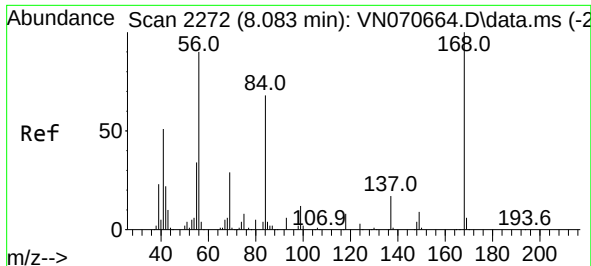
Manual Integrations
APPROVED

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Response via : Initial Calibration

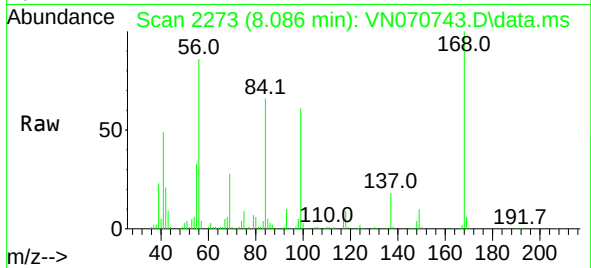
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
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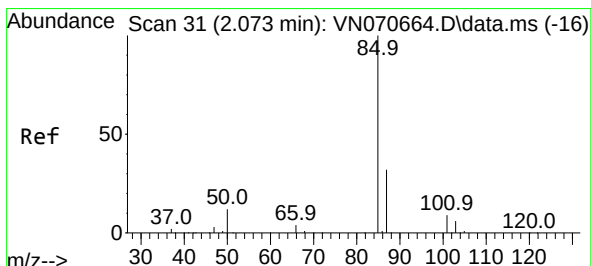
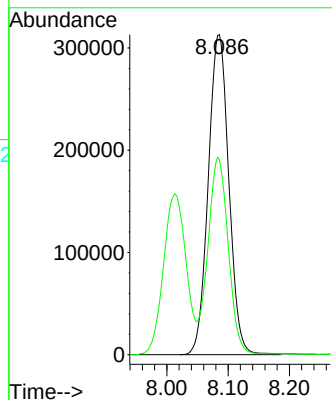
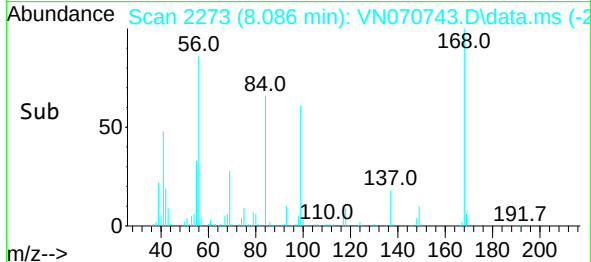
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 728950
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9

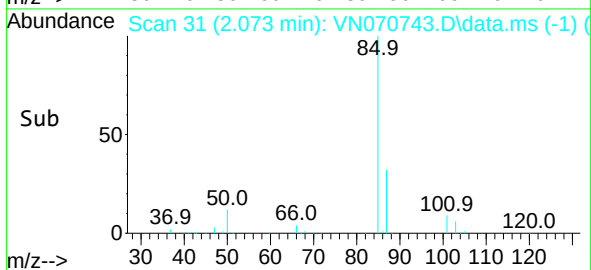
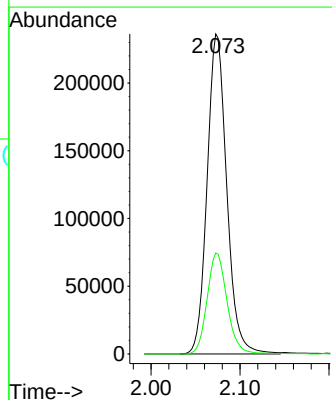
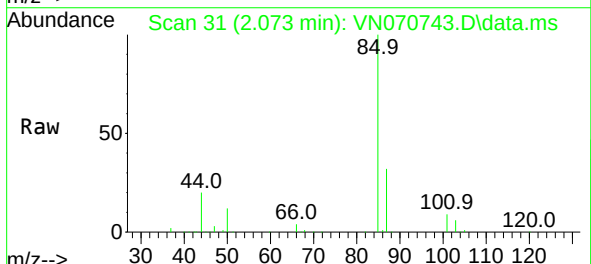
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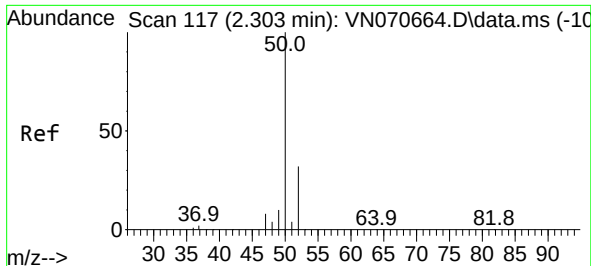
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#2
Dichlorodifluoromethane
Concen: 42.896 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

Tgt Ion: 85 Resp: 361329
Ion Ratio Lower Upper
85 100
87 31.6 16.3 48.9





#3

Chloromethane

Concen: 41.551 ug/l

RT: 2.306 min Scan# 117

Delta R.T. 0.003 min

Lab File: VN070743.D

Acq: 21 Jan 2022 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 511602

Ion Ratio Lower Upper

50 100

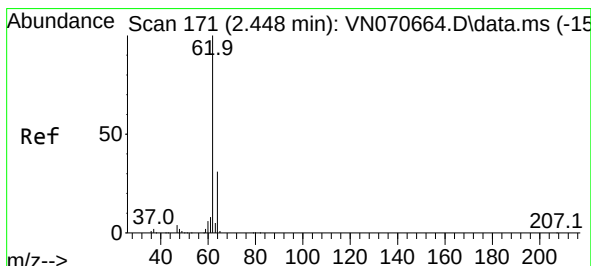
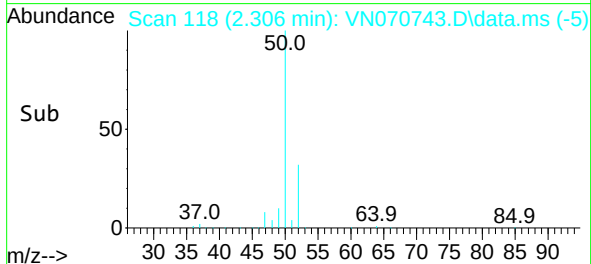
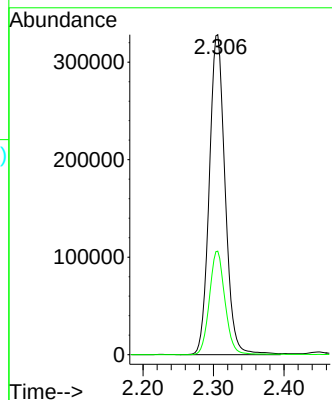
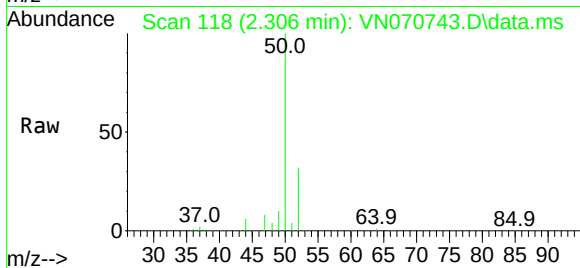
52 32.3 25.4 38.0

Manual Integrations

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Reviewed By :John Carlone 01/24/2022

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#4

Vinyl Chloride

Concen: 45.800 ug/l

RT: 2.451 min Scan# 172

Delta R.T. 0.003 min

Lab File: VN070743.D

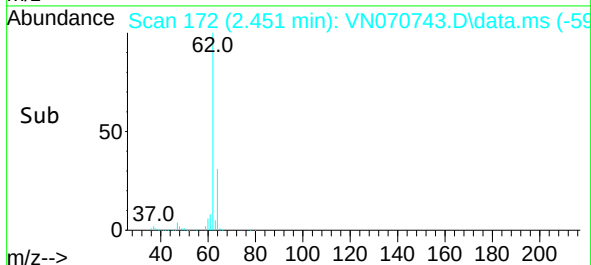
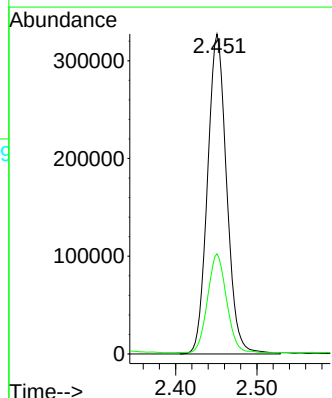
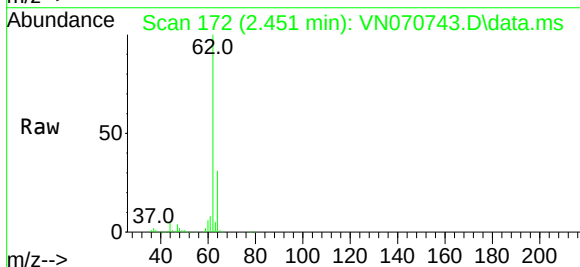
Acq: 21 Jan 2022 20:13

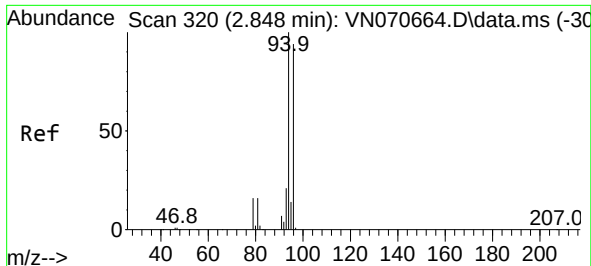
Tgt Ion: 62 Resp: 536350

Ion Ratio Lower Upper

62 100

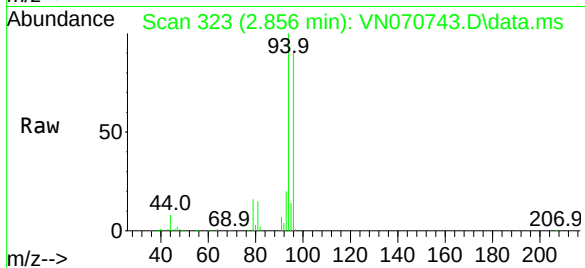
64 30.9 25.8 38.6





#5
Bromomethane
Concen: 53.303 ug/l
RT: 2.856 min Scan# 311
Delta R.T. 0.008 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

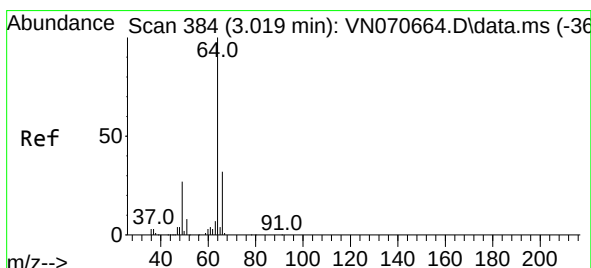
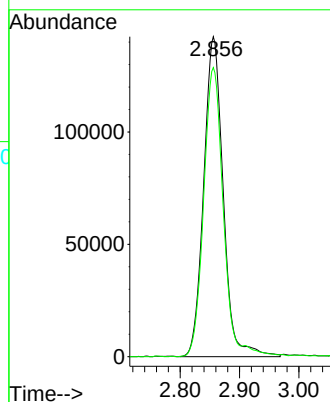
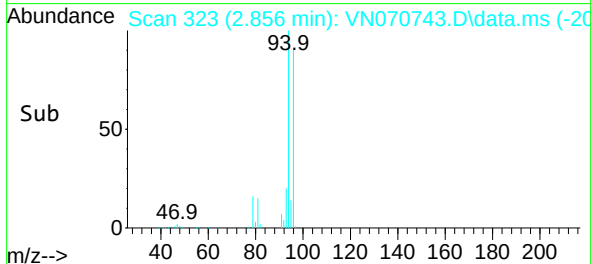
Instrument :
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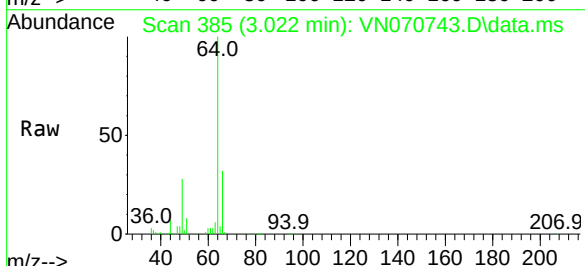
Tgt Ion: 94 Resp: 32511
Ion Ratio Lower Upper
94 100
96 90.2 73.8 110.8

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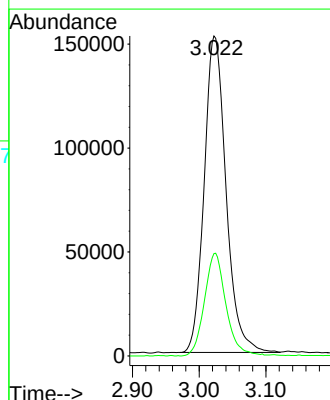
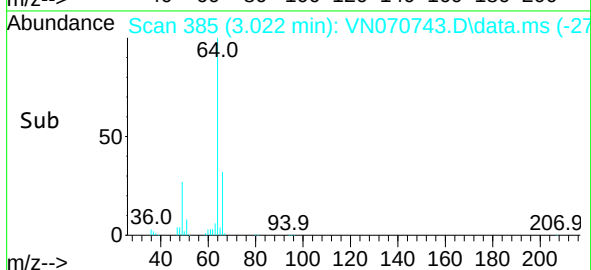
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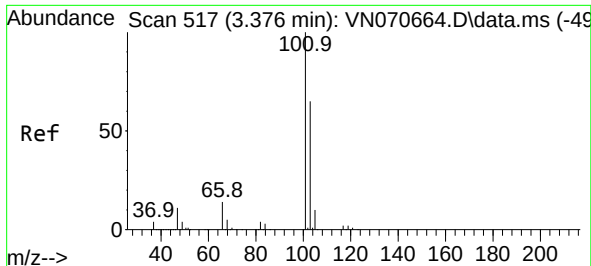


#6
Chloroethane
Concen: 47.475 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



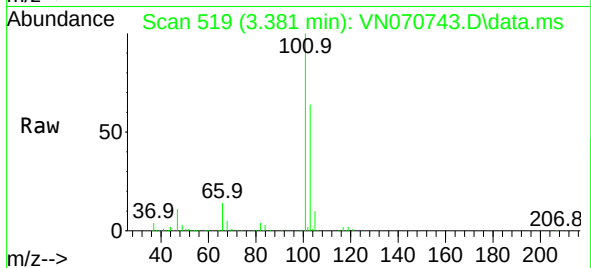
Tgt Ion: 64 Resp: 346948
Ion Ratio Lower Upper
64 100
66 32.3 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 50.244 ug/l
 RT: 3.381 min Scan# 517
 Delta R.T. 0.005 min
 Lab File: VN070743.D
 Acq: 21 Jan 2022 20:13

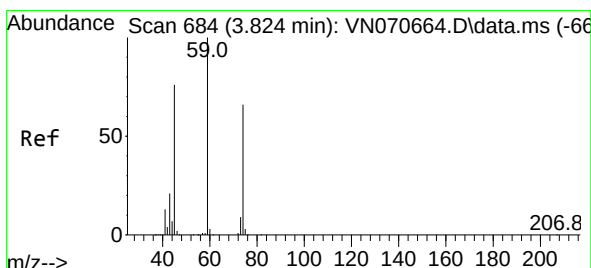
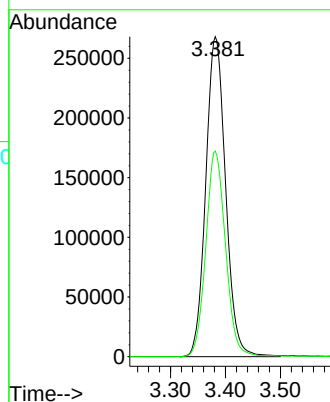
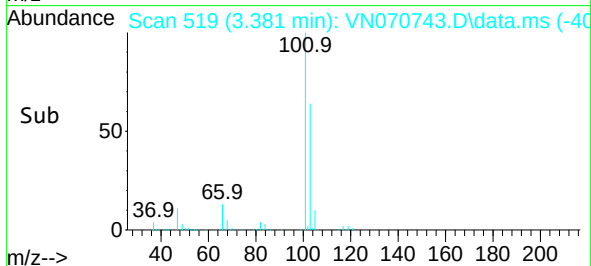
Instrument :
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Tgt Ion:101 Resp: 672158
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.1 75.1

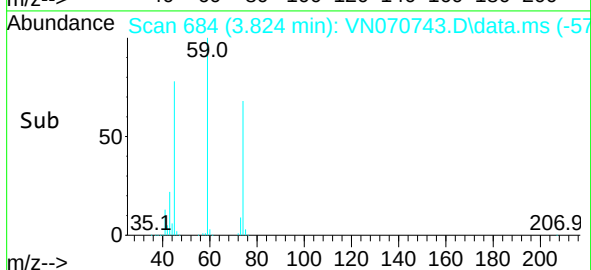
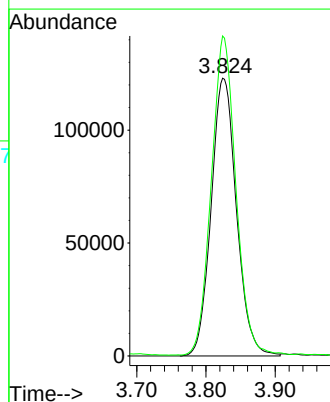
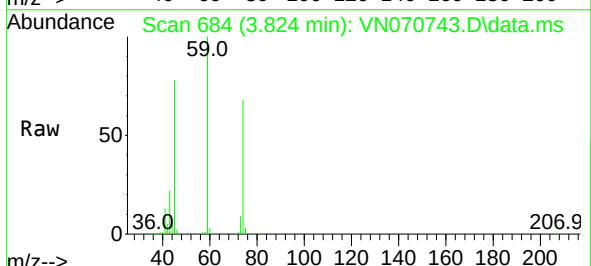
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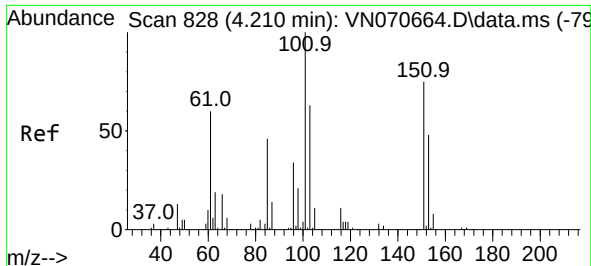
Reviewed By :John Carlone 01/24/2022
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#8
 Diethyl Ether
 Concen: 53.435 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. -0.000 min
 Lab File: VN070743.D
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Tgt Ion: 74 Resp: 312268
 Ion Ratio Lower Upper
 74 100
 45 111.2 47.0 141.2





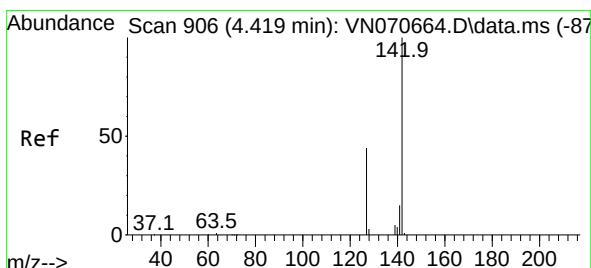
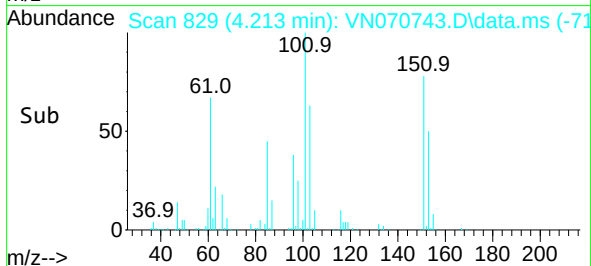
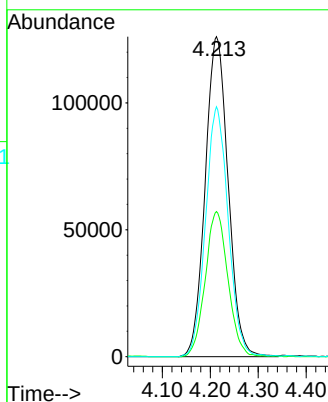
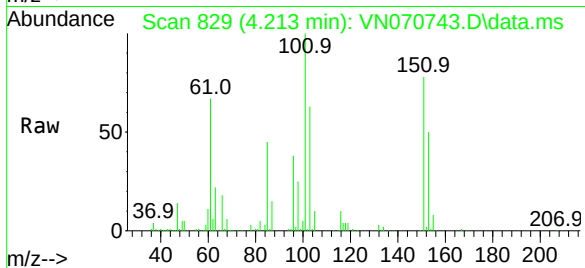
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.919 ug/l
RT: 4.213 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 419794
Ion Ratio Lower Upper
101 100
85 44.8 37.2 55.8
151 77.0 65.9 98.9

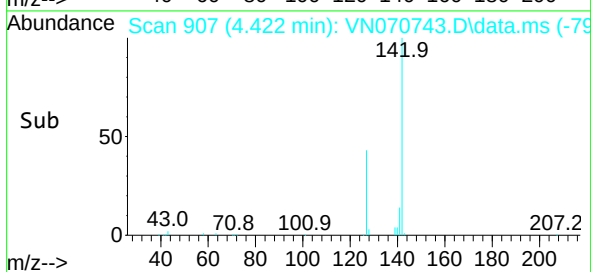
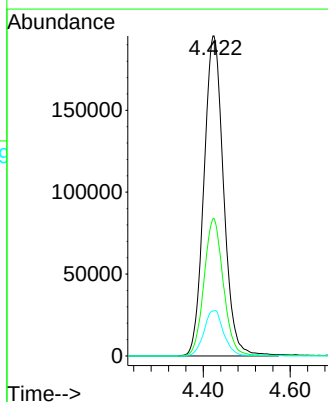
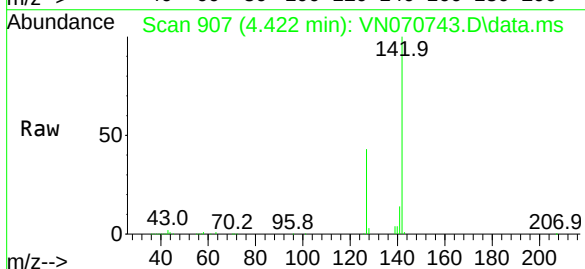
Manual Integrations
APPROVED

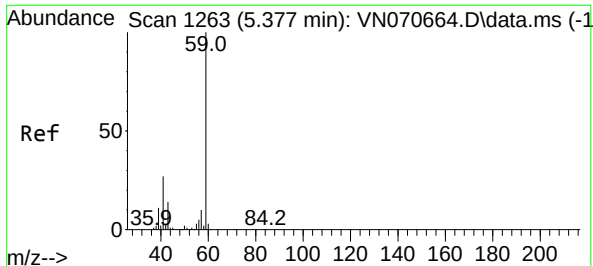
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#10
Methyl Iodide
Concen: 58.867 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

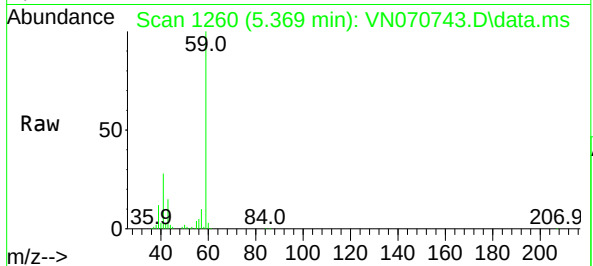
Tgt Ion:142 Resp: 613771
Ion Ratio Lower Upper
142 100
127 42.2 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 232.876 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

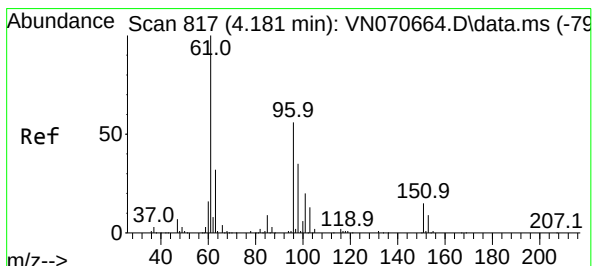
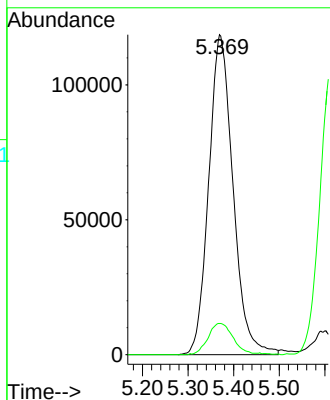
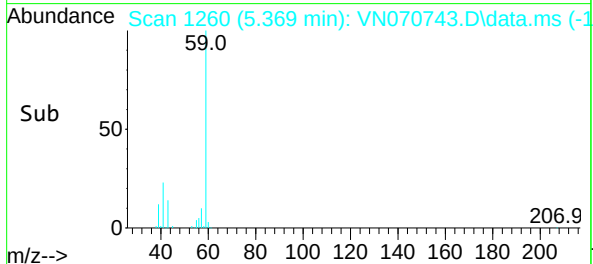
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



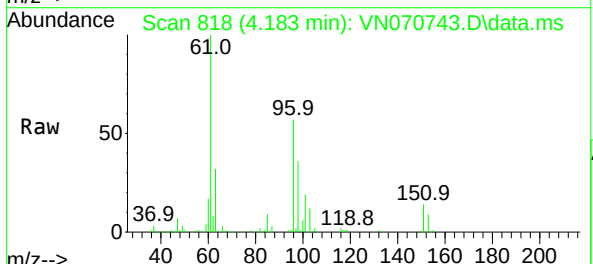
Tgt Ion: 59 Resp: 43892
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

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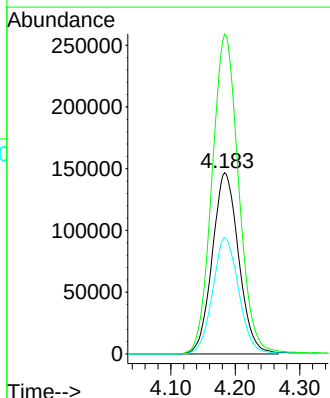
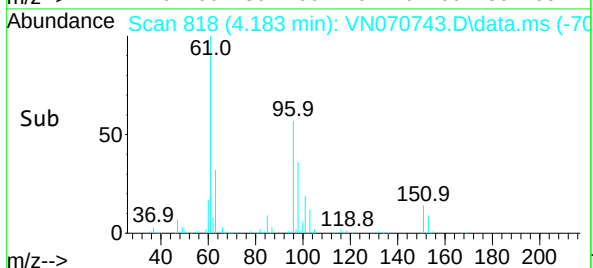
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

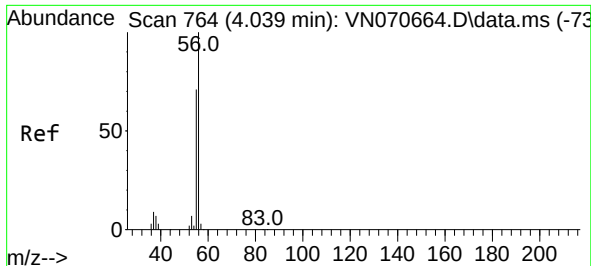


#12
1,1-Dichloroethene
Concen: 51.778 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.002 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



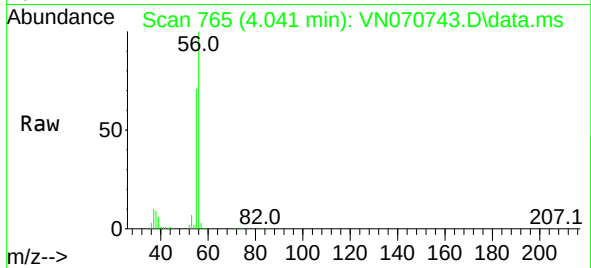
Tgt Ion: 96 Resp: 417551
Ion Ratio Lower Upper
96 100
61 176.5 131.0 196.6
98 64.1 52.4 78.6





#13
Acrolein
Concen: 282.868 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

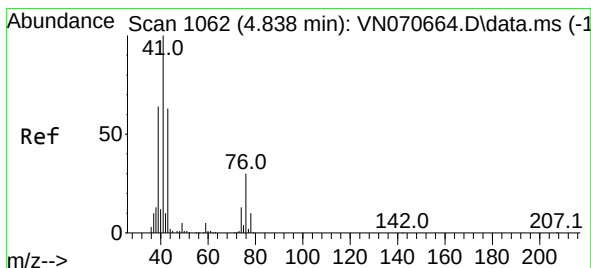
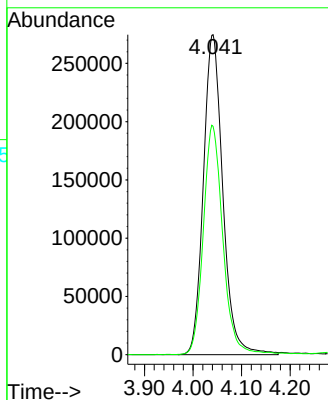
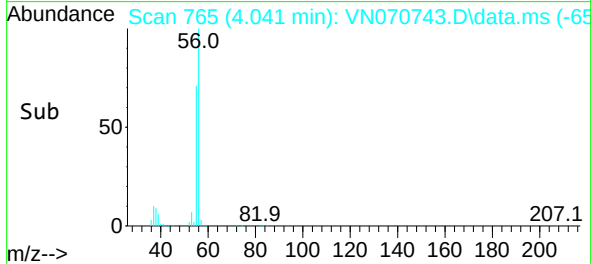
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



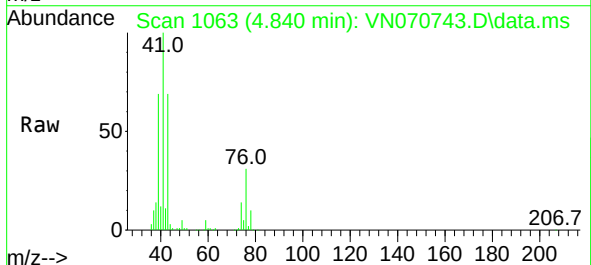
Tgt Ion: 56 Resp: 764634
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0

Manual Integrations
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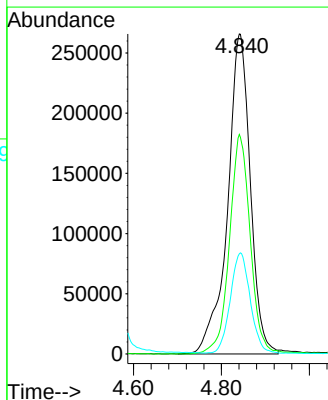
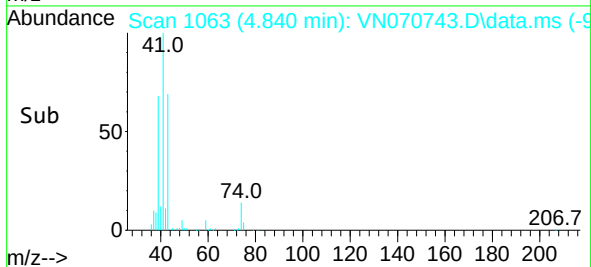
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

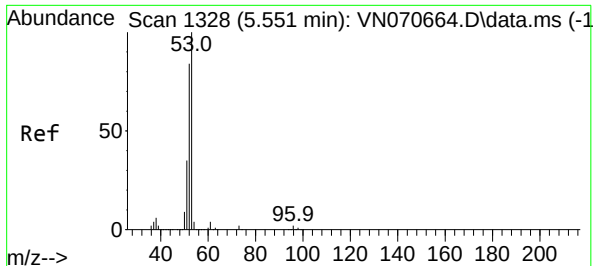


#14
Allyl chloride
Concen: 54.305 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



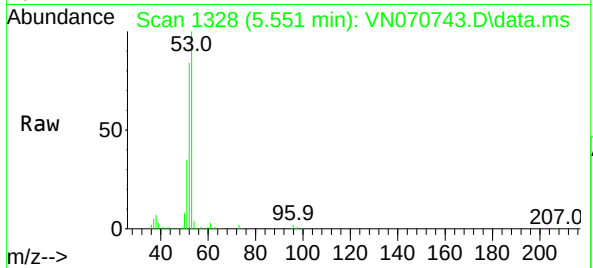
Tgt Ion: 41 Resp: 954180
Ion Ratio Lower Upper
41 100
39 62.6 61.2 91.8
76 27.4 26.0 39.0





#15
Acrylonitrile
Concen: 264.483 ug/l
RT: 5.551 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

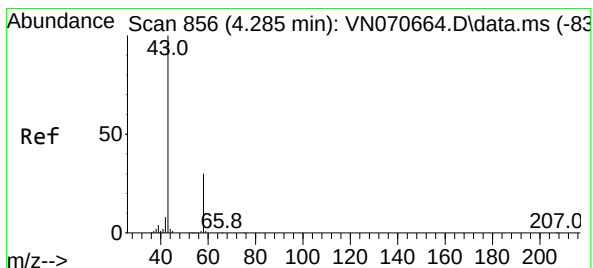
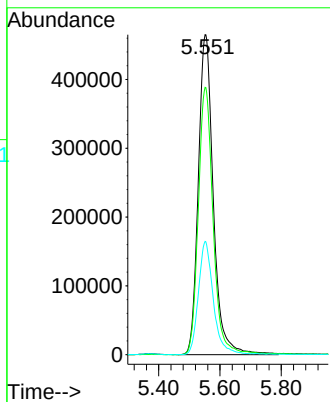
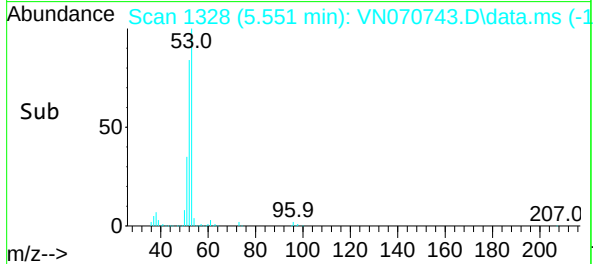
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 158581
Ion Ratio Lower Upper
53 100
52 81.6 66.2 99.2
51 35.1 29.6 44.4

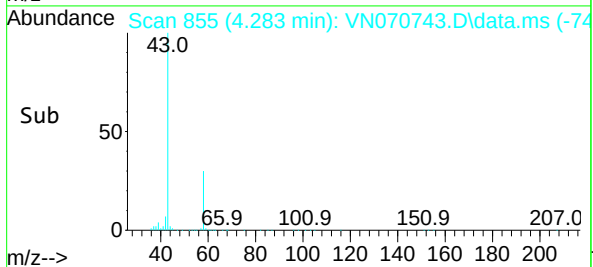
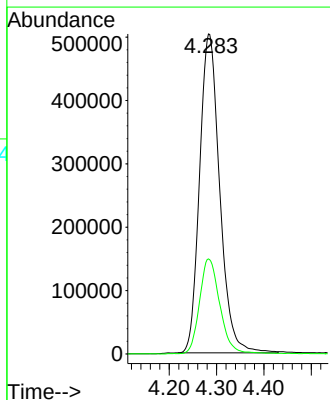
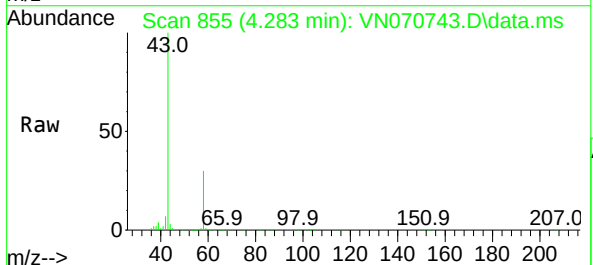
Manual Integrations
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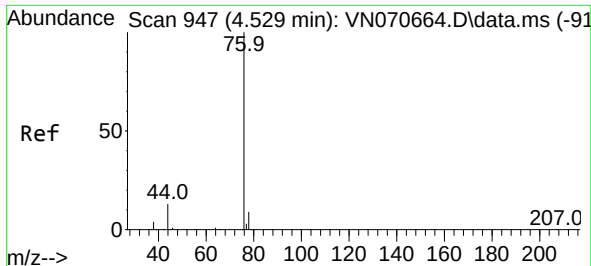
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#16
Acetone
Concen: 205.418 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.002 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

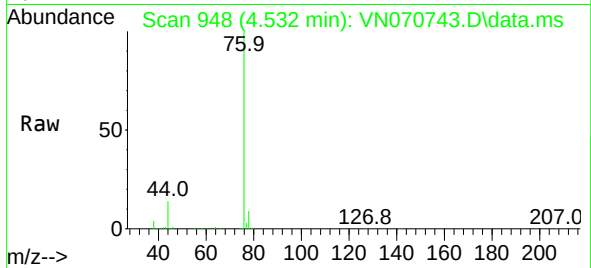
Tgt Ion: 43 Resp: 1489498
Ion Ratio Lower Upper
43 100
58 29.7 23.1 34.7





#17
Carbon Disulfide
Concen: 50.914 ug/l
RT: 4.532 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

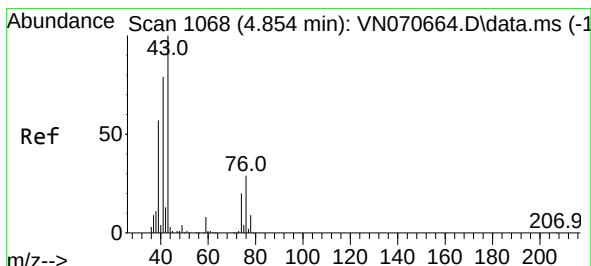
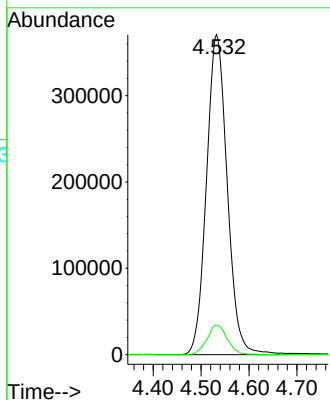
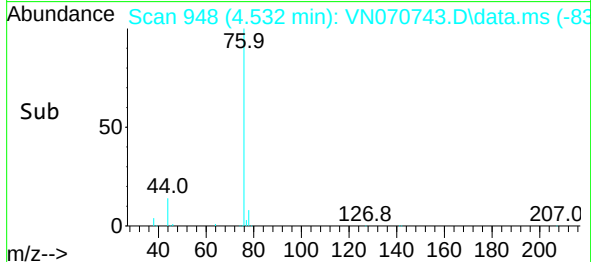
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 1115110
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

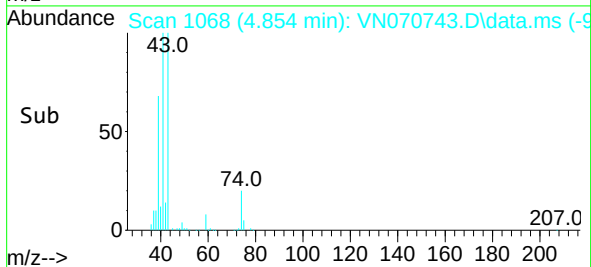
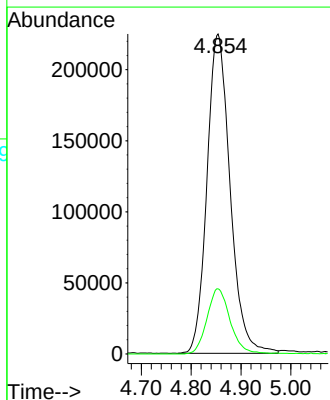
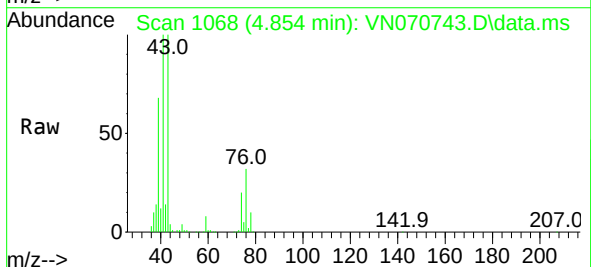
Manual Integrations
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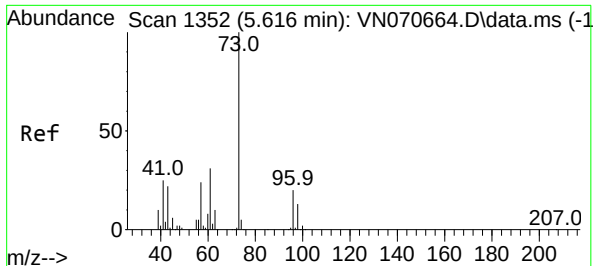
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#18
Methyl Acetate
Concen: 50.828 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

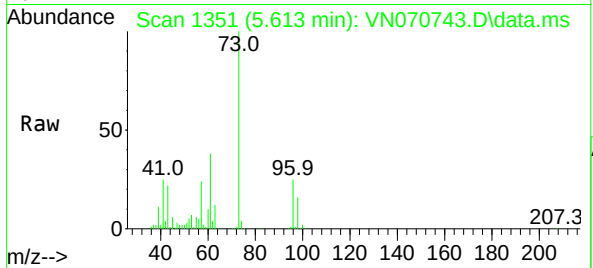
Tgt Ion: 43 Resp: 724814
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 56.183 ug/l
RT: 5.613 min Scan# 11351
Delta R.T. -0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

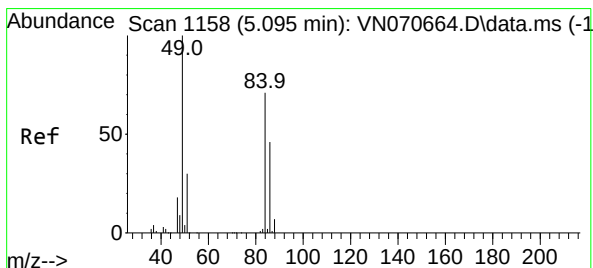
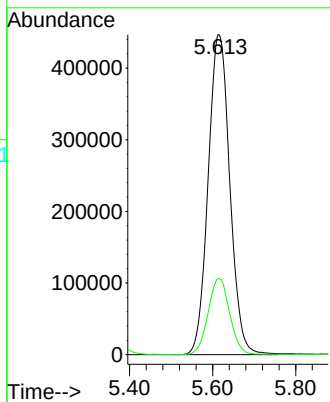
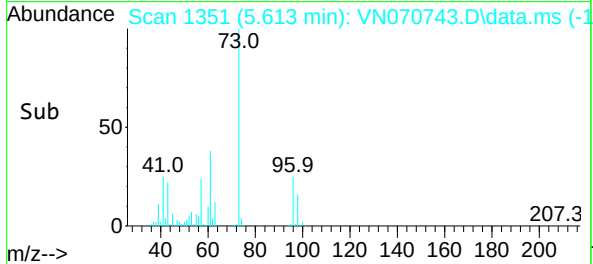
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 161856
Ion Ratio Lower Upper
73 100
57 23.7 16.8 25.2

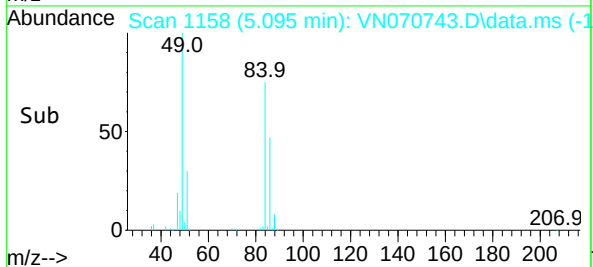
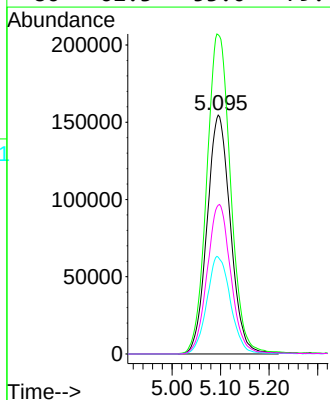
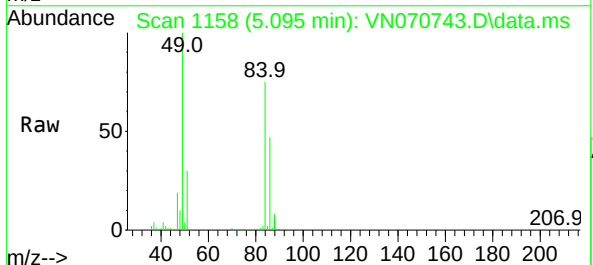
Manual Integrations
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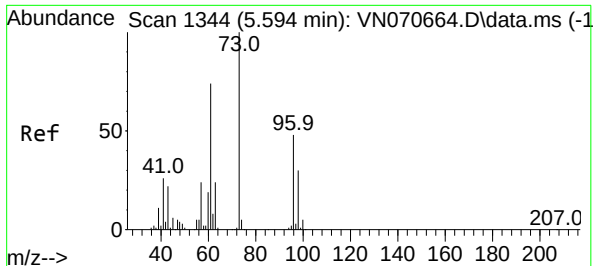
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#20
Methylene Chloride
Concen: 54.201 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

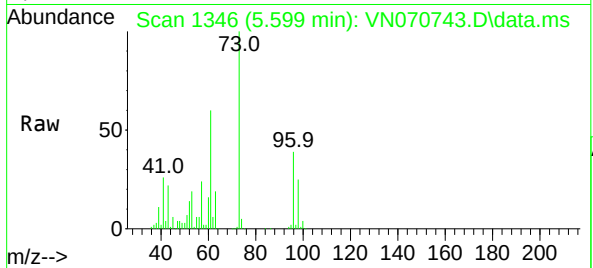
Tgt Ion: 84 Resp: 517695
Ion Ratio Lower Upper
84 100
49 133.7 93.5 140.3
51 40.5 29.4 44.2
86 62.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 55.843 ug/l
RT: 5.599 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

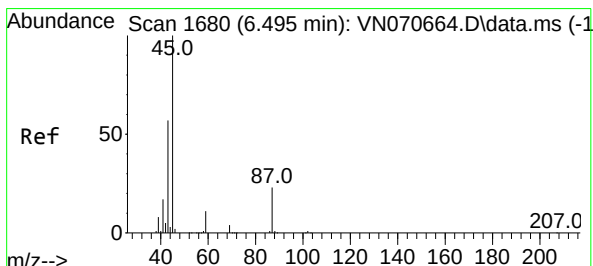
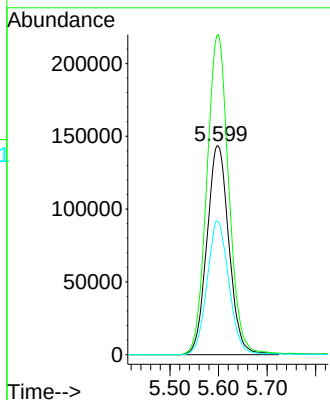
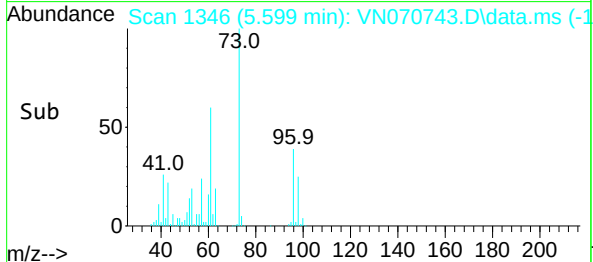
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



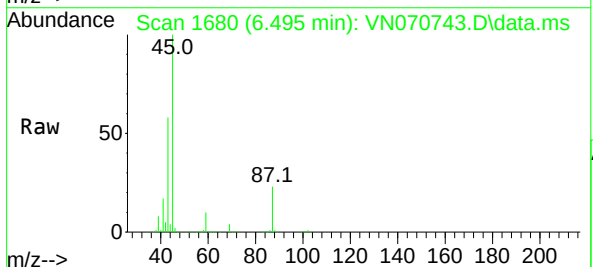
Tgt Ion: 96 Resp: 453230
Ion Ratio Lower Upper
96 100
61 153.2 105.8 158.6
98 63.4 52.0 78.0

Manual Integrations
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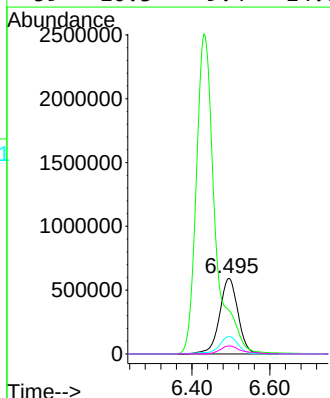
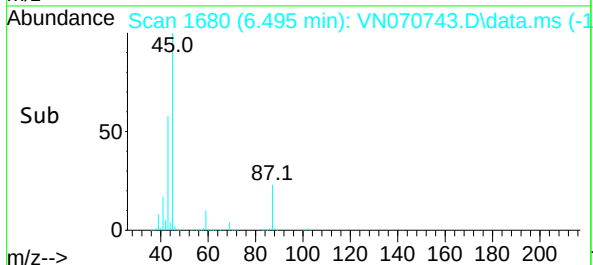
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

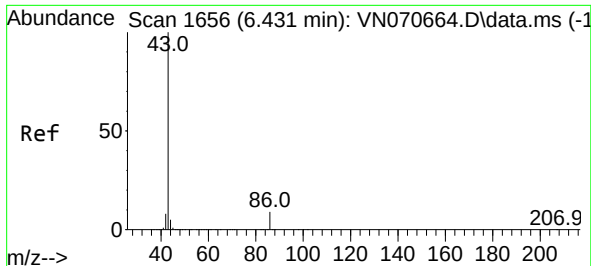


#22
Diisopropyl ether
Concen: 56.066 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



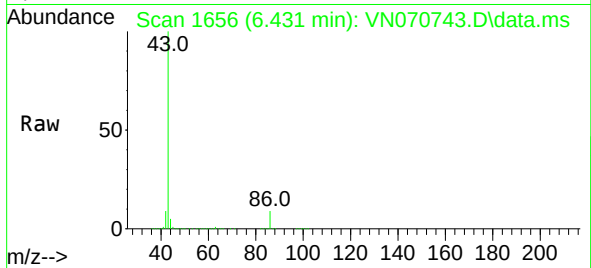
Tgt Ion: 45 Resp: 1952610
Ion Ratio Lower Upper
45 100
43 57.2 51.7 77.5
87 22.7 23.2 34.8#
59 10.3 9.4 14.0





#23
 Vinyl Acetate
 Concen: 283.163 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.000 min
 Lab File: VN070743.D
 Acq: 21 Jan 2022 20:13

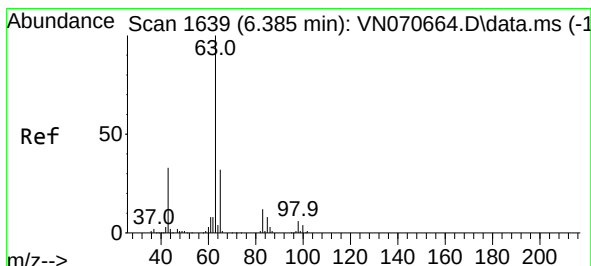
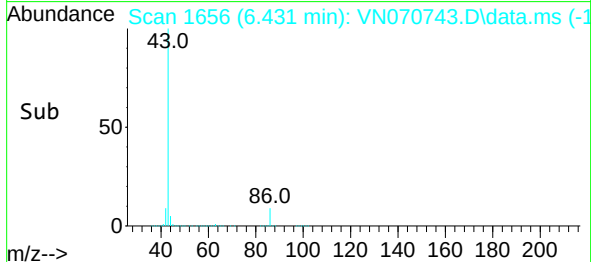
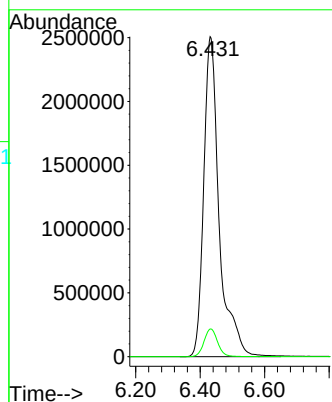
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 835966
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.5 12.7

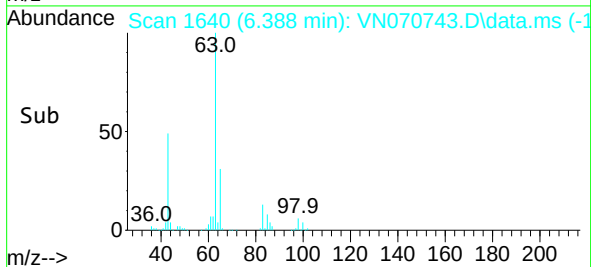
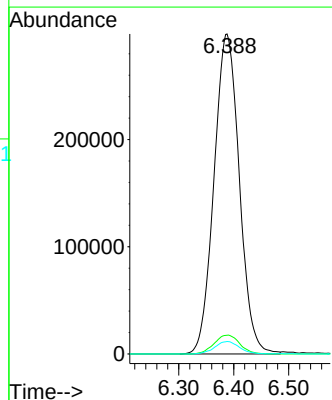
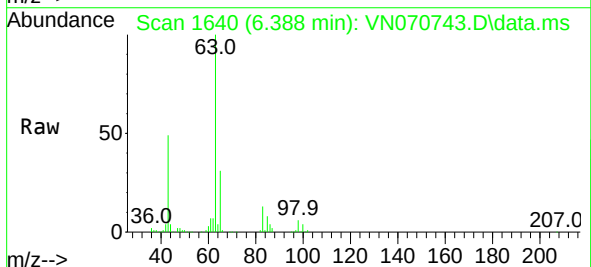
Manual Integrations
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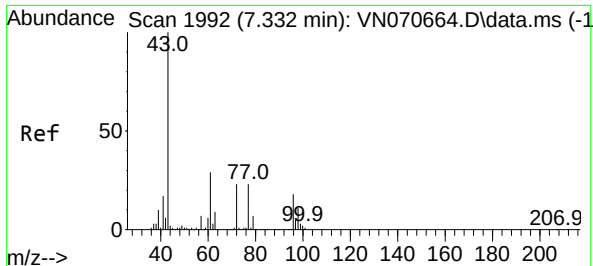
Reviewed By :John Carlone 01/24/2022
 Supervised By :Mahesh Dadoda 01/24/2022



#24
 1,1-Dichloroethane
 Concen: 54.833 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN070743.D
 Acq: 21 Jan 2022 20:13

Tgt Ion: 63 Resp: 955259
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 229.565 ug/l

RT: 7.332 min Scan# 1992

Delta R.T. -0.000 min

Lab File: VN070743.D

Acq: 21 Jan 2022 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 209462

Ion Ratio Lower Upper

43 100

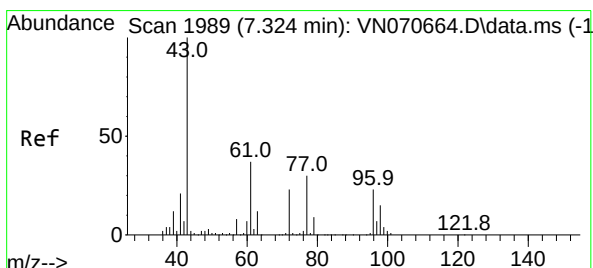
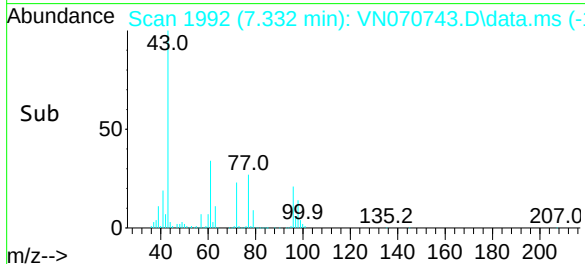
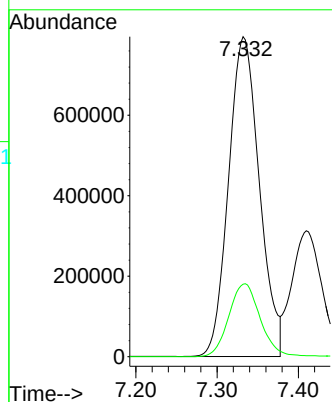
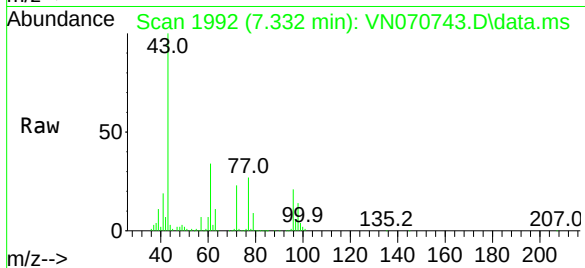
72 22.7 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#26

2,2-Dichloropropane

Concen: 51.232 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN070743.D

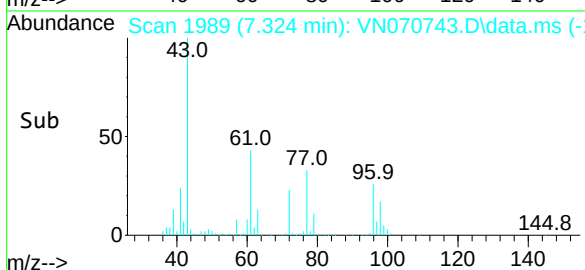
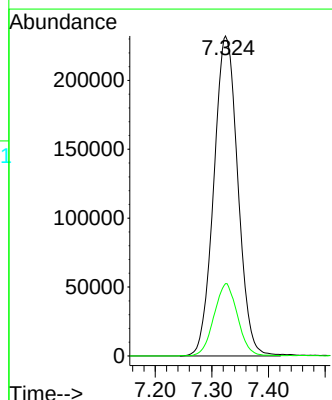
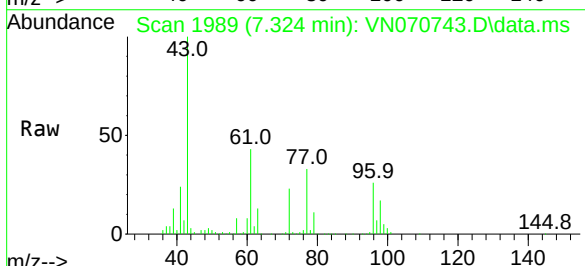
Acq: 21 Jan 2022 20:13

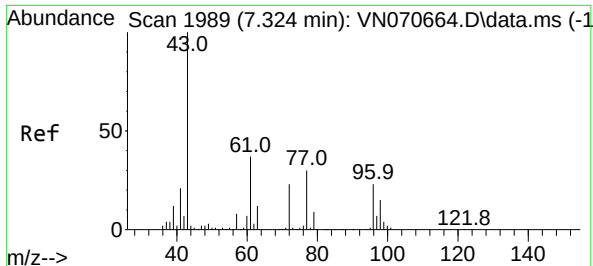
Tgt Ion: 77 Resp: 684287

Ion Ratio Lower Upper

77 100

97 22.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 52.764 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN070743.D

Acq: 21 Jan 2022 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

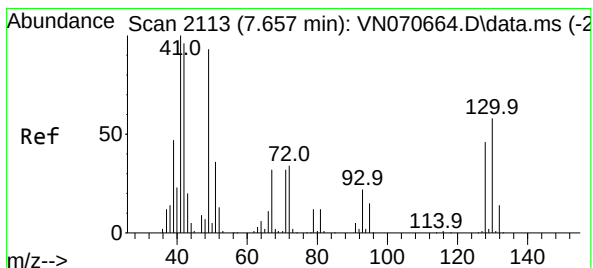
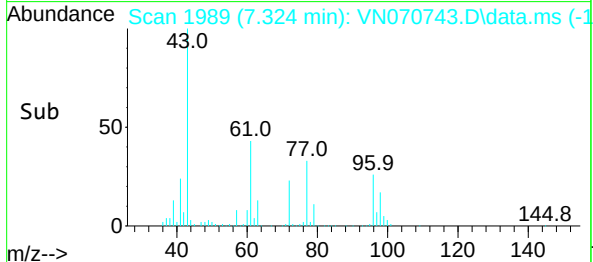
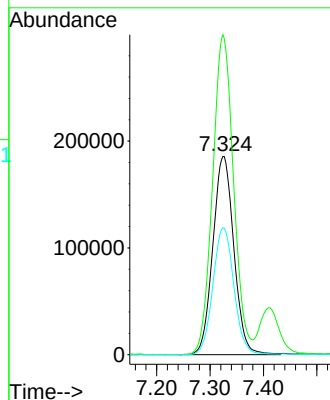
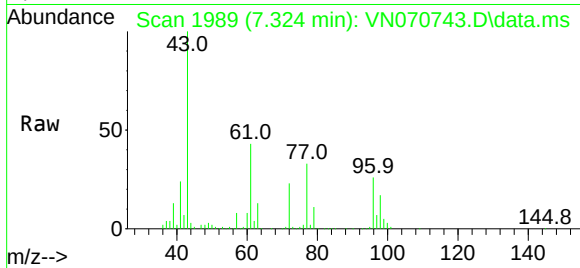
Tgt Ion:	96	Resp:	508729
Ion Ratio	Lower	Upper	
96	100		
61	160.7	0.0	275.0
98	64.1	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#28

Bromochloromethane

Concen: 51.102 ug/l

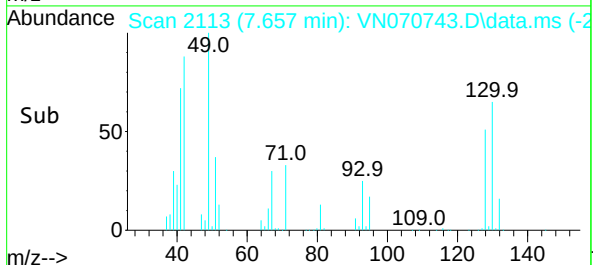
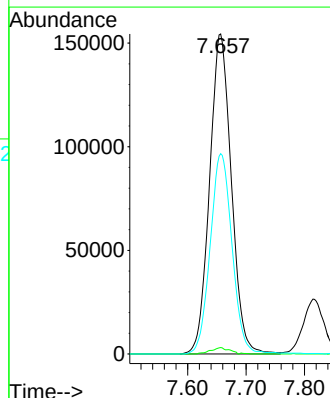
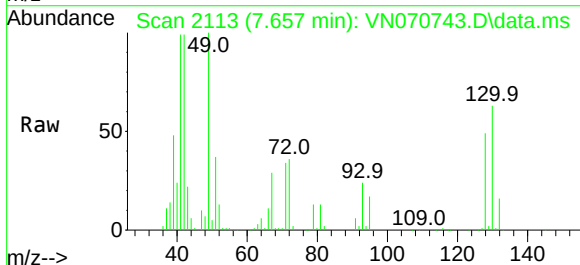
RT: 7.657 min Scan# 2113

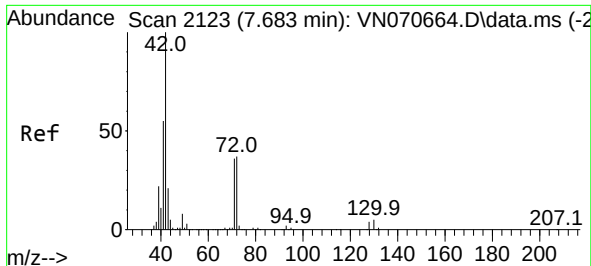
Delta R.T. -0.000 min

Lab File: VN070743.D

Acq: 21 Jan 2022 20:13

Tgt Ion:	49	Resp:	399701
Ion Ratio	Lower	Upper	
49	100		
129	1.7	0.0	4.0
130	62.7	67.8	101.8





#29

Tetrahydrofuran

Concen: 240.236 ug/l

RT: 7.681 min Scan# 2123

Delta R.T. -0.002 min

Lab File: VN070743.D

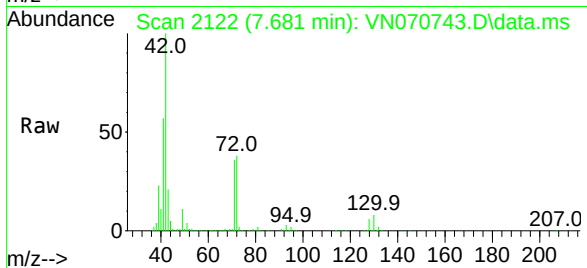
Acq: 21 Jan 2022 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 134216

Ion Ratio Lower Upper

42 100

72 37.1 36.3 54.5

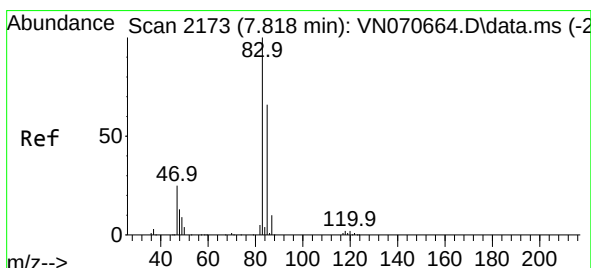
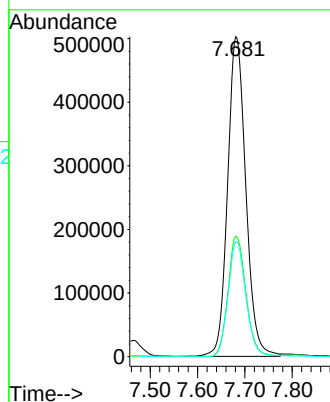
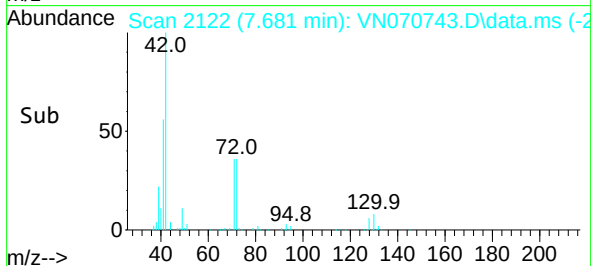
71 35.4 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#30

Chloroform

Concen: 46.278 ug/l

RT: 7.815 min Scan# 2172

Delta R.T. -0.003 min

Lab File: VN070743.D

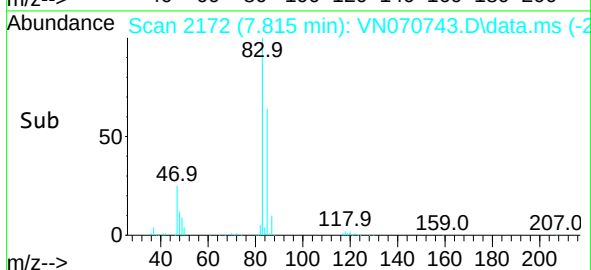
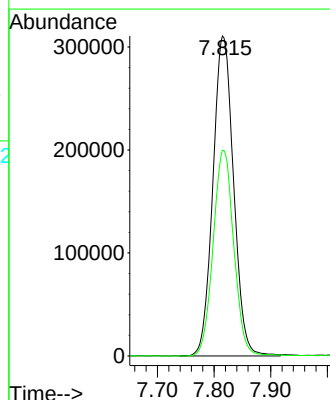
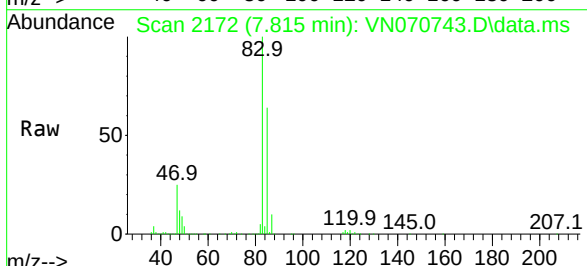
Acq: 21 Jan 2022 20:13

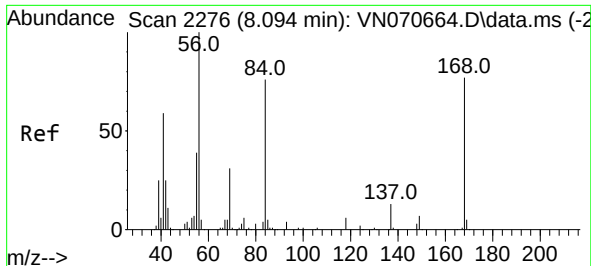
Tgt Ion: 83 Resp: 787930

Ion Ratio Lower Upper

83 100

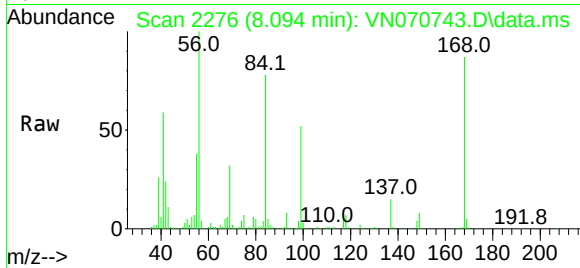
85 64.2 51.9 77.9





#31
Cyclohexane
Concen: 41.985 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

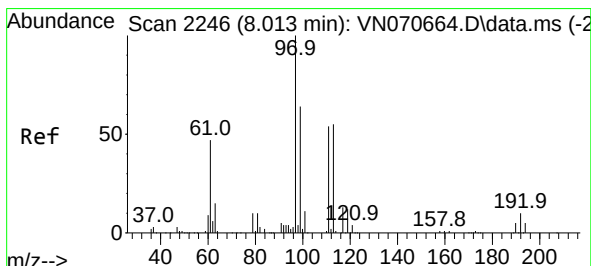
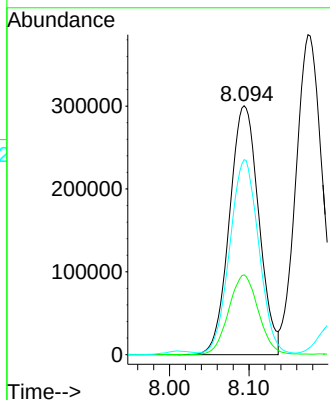
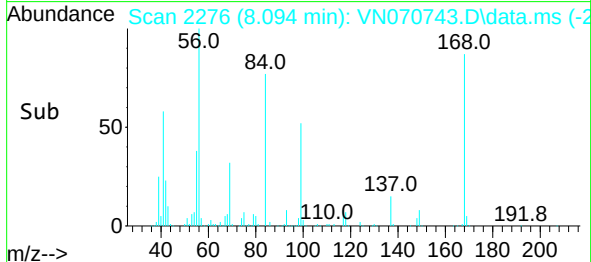
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



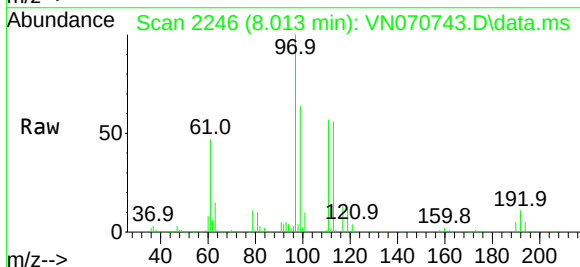
Tgt Ion: 56 Resp: 77236
Ion Ratio Lower Upper
56 100
69 32.0 27.1 40.7
84 76.8 73.4 110.0

Manual Integrations
APPROVED

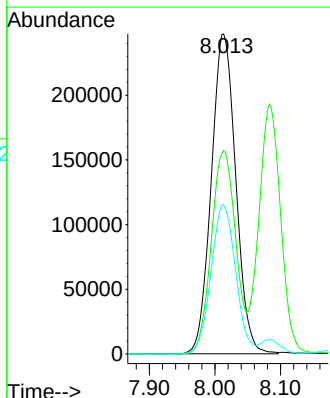
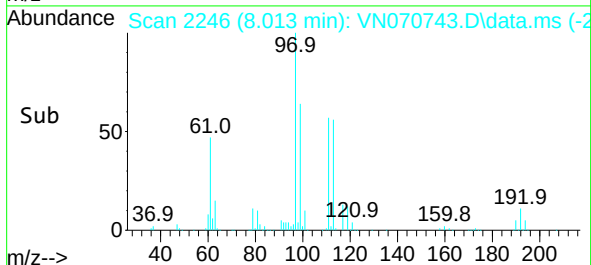
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

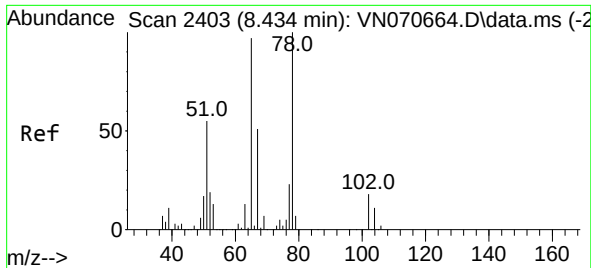


#32
1,1,1-Trichloroethane
Concen: 47.376 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



Tgt Ion: 97 Resp: 640622
Ion Ratio Lower Upper
97 100
99 63.2 50.1 75.1
61 46.9 35.2 52.8





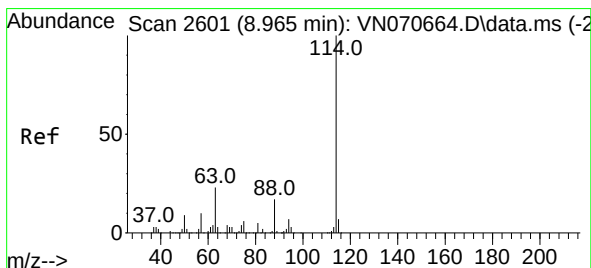
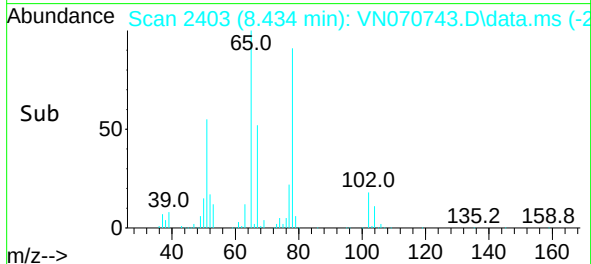
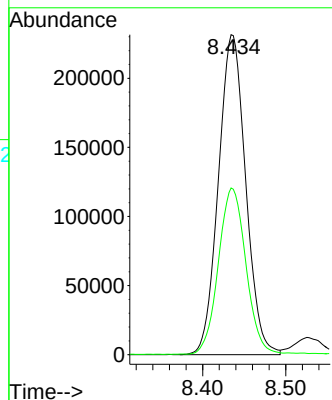
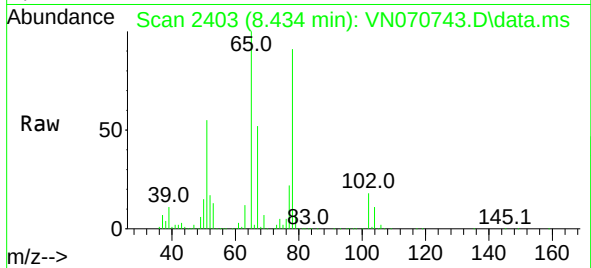
#33
1,2-Dichloroethane-d4
Concen: 50.585 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 52846
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

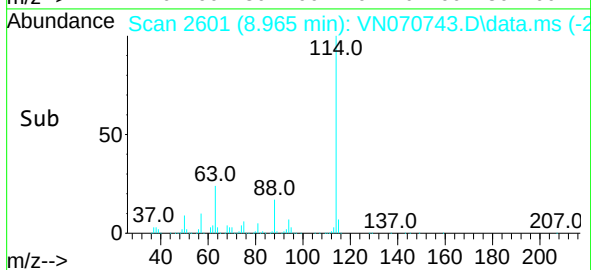
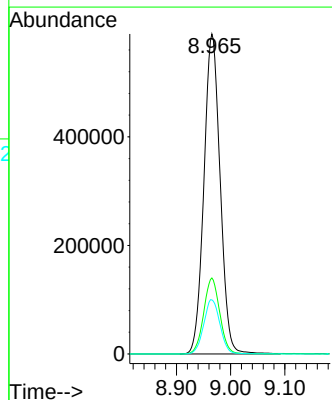
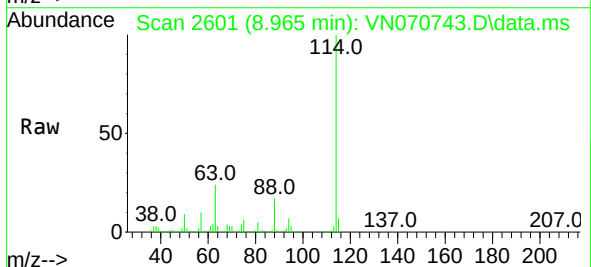
Manual Integrations
APPROVED

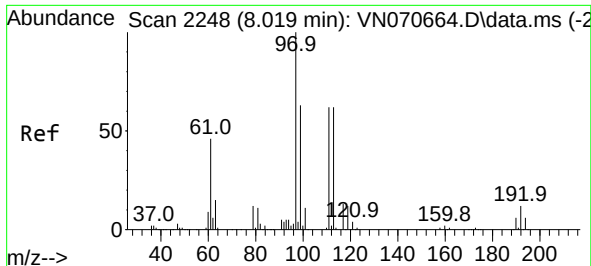
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

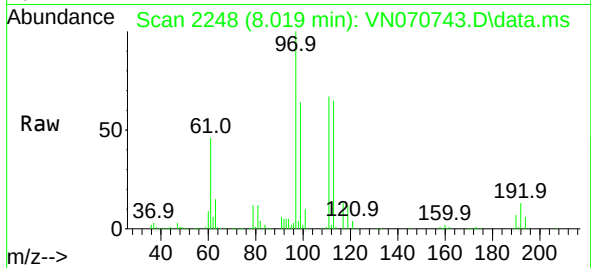
Tgt Ion:114 Resp: 1227077
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.406 ug/l
RT: 8.019 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

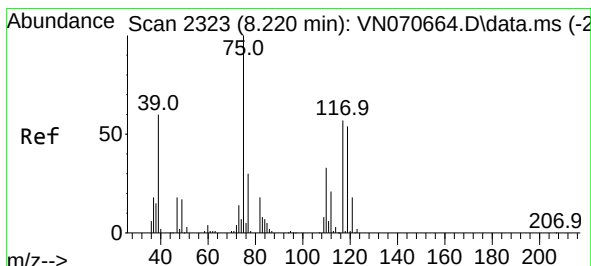
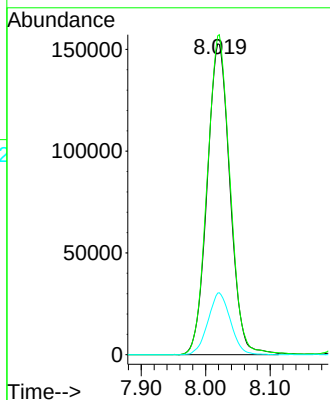
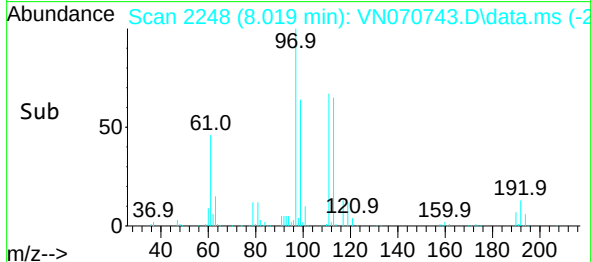
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 376050
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.6 16.9 25.3

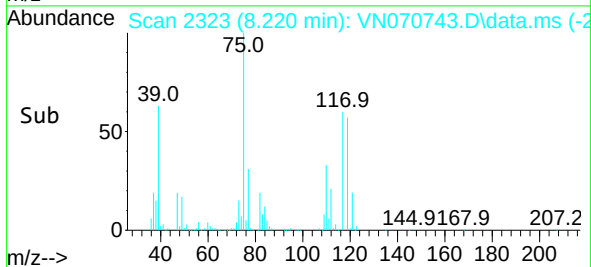
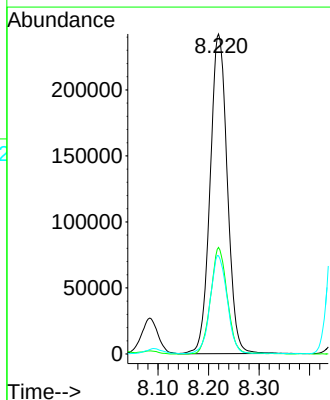
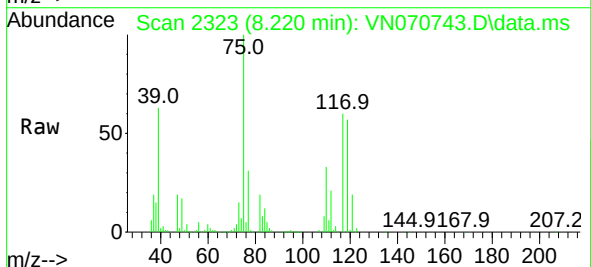
Manual Integrations
APPROVED

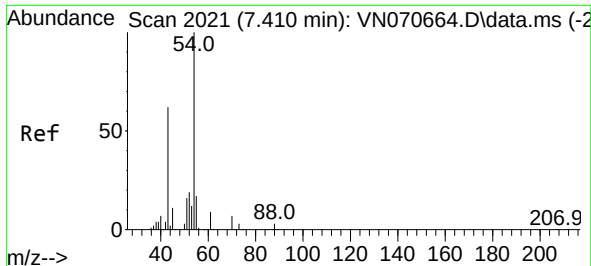
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#36
1,1-Dichloropropene
Concen: 44.676 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

Tgt Ion: 75 Resp: 572475
Ion Ratio Lower Upper
75 100
110 32.2 18.4 55.2
77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 47.521 ug/l

RT: 7.410 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VN070743.D

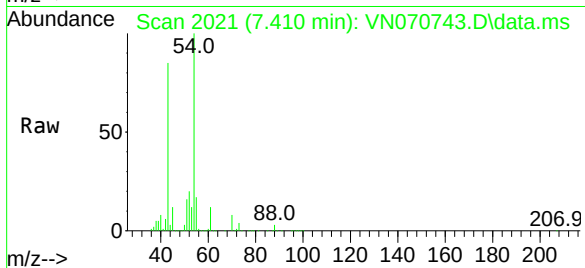
Acq: 21 Jan 2022 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



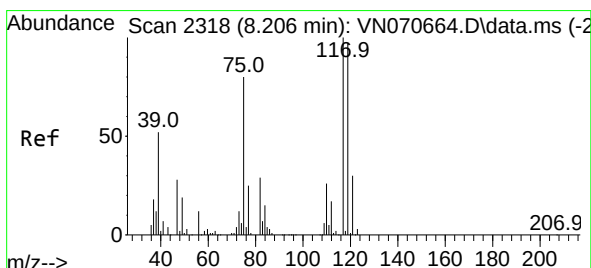
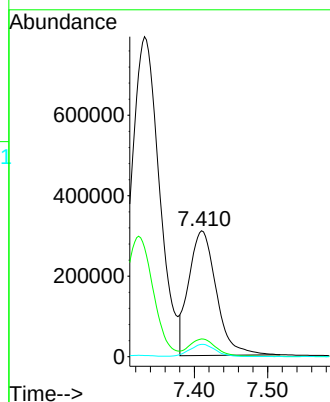
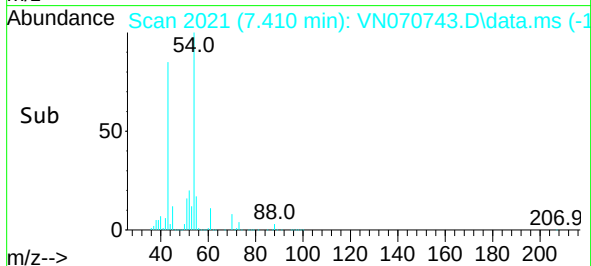
Tgt Ion:	43	Resp:	80842
Ion Ratio	Lower	Upper	
43	100		
61	13.7	11.5	17.3
70	9.3	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#38

Carbon Tetrachloride

Concen: 46.589 ug/l

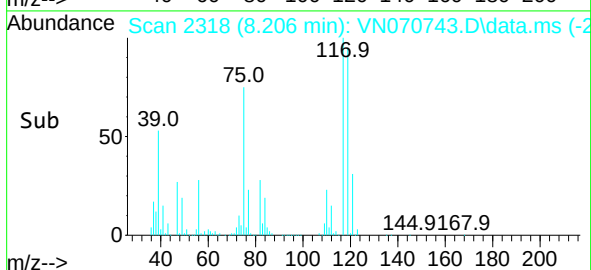
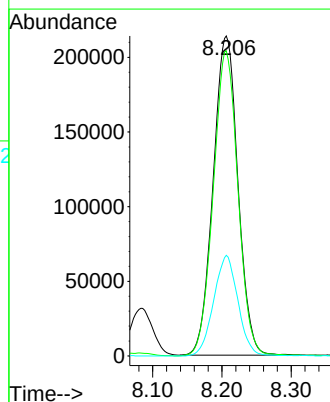
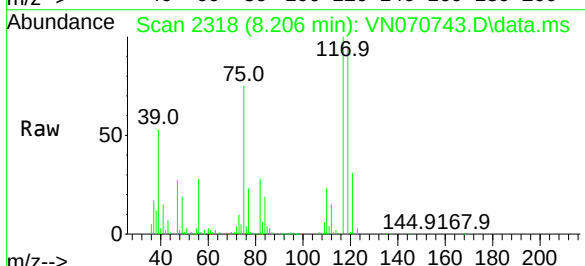
RT: 8.206 min Scan# 2318

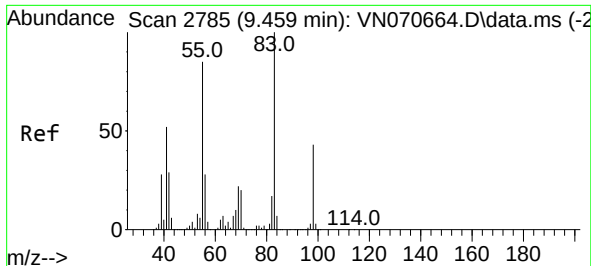
Delta R.T. 0.000 min

Lab File: VN070743.D

Acq: 21 Jan 2022 20:13

Tgt Ion:	117	Resp:	531091
Ion Ratio	Lower	Upper	
117	100		
119	95.5	76.1	114.1
121	31.5	24.2	36.2





#39

Methylcyclohexane

Concen: 44.334 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070743.D

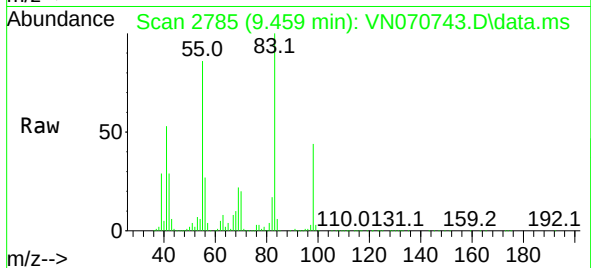
Acq: 21 Jan 2022 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



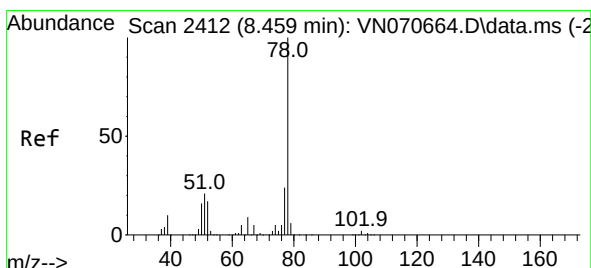
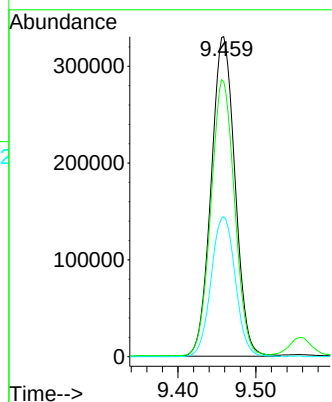
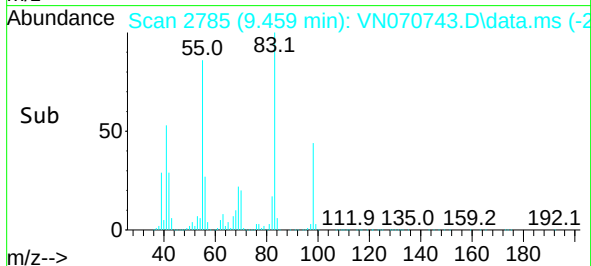
Tgt Ion:	83	Resp:	701330
Ion Ratio	Lower	Upper	
83	100		
55	85.8	58.1	87.1
98	43.7	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#40

Benzene

Concen: 44.077 ug/l

RT: 8.458 min Scan# 2412

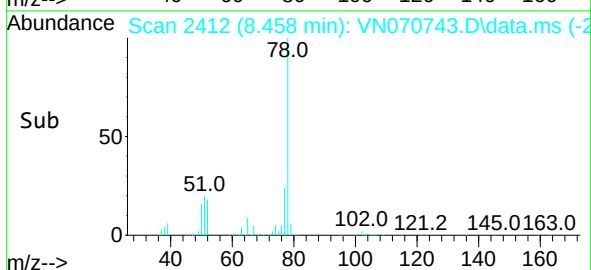
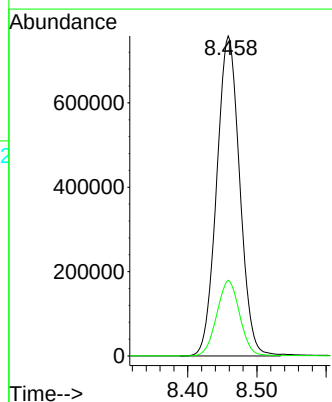
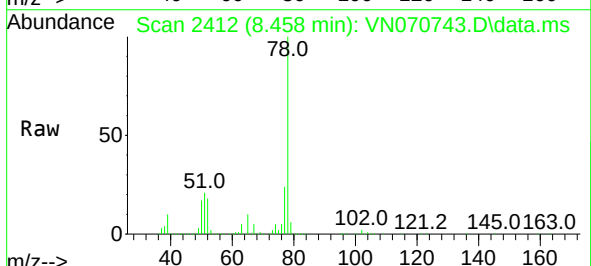
Delta R.T. -0.001 min

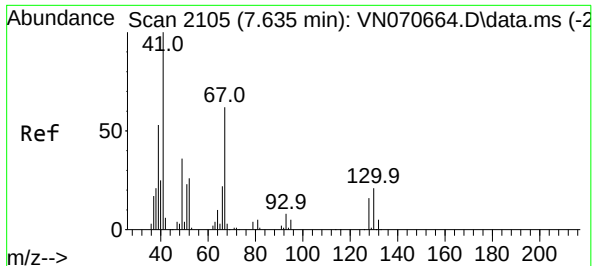
Lab File: VN070743.D

Acq: 21 Jan 2022 20:13

Tgt Ion: 78 Resp: 1750075

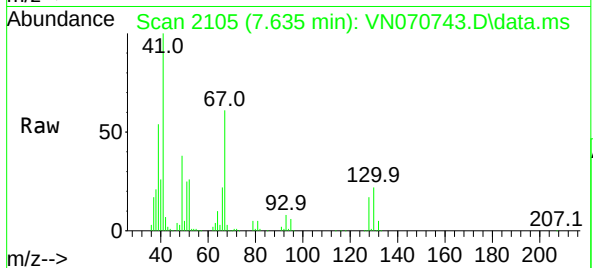
Ion Ratio	Lower	Upper
78	100	
77	23.6	18.6 27.8





#41
Methacrylonitrile
Concen: 51.061 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

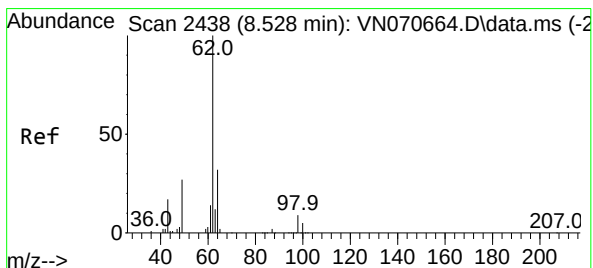
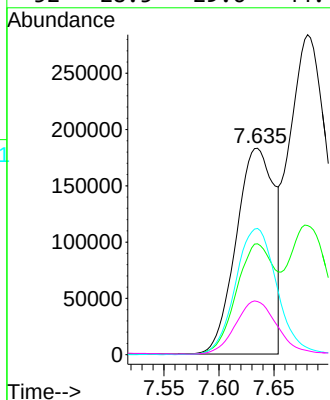
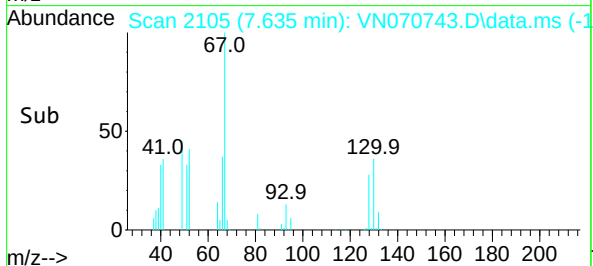
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 441920
Ion Ratio Lower Upper
41 100
39 55.4 48.1 72.1
67 67.6 68.3 102.5
52 28.5 29.6 44.4

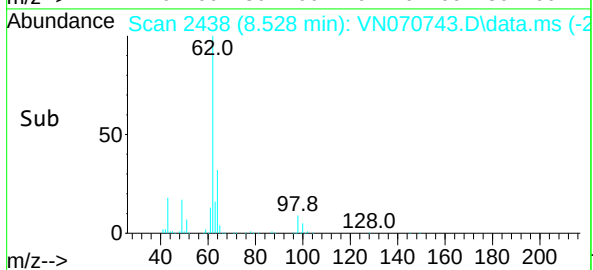
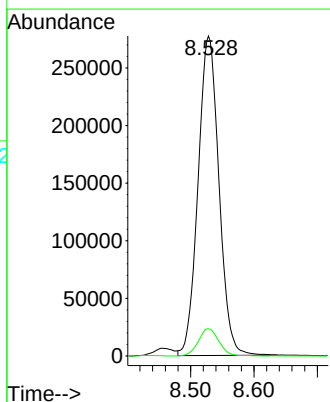
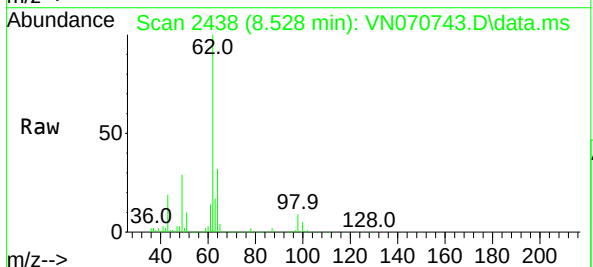
Manual Integrations
APPROVED

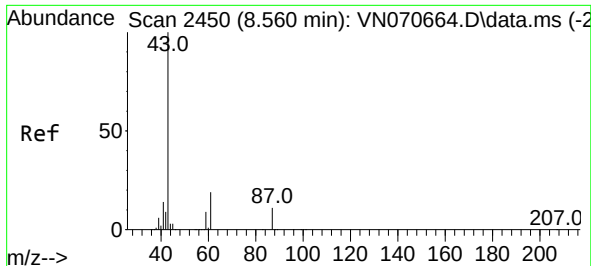
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#42
1,2-Dichloroethane
Concen: 46.116 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

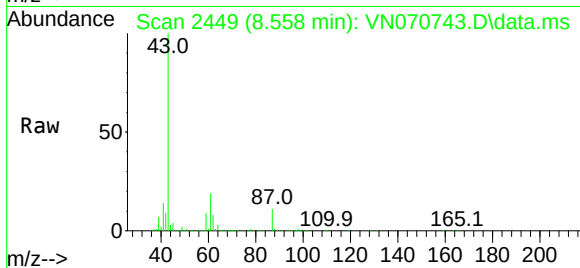
Tgt Ion: 62 Resp: 634888
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 44.685 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

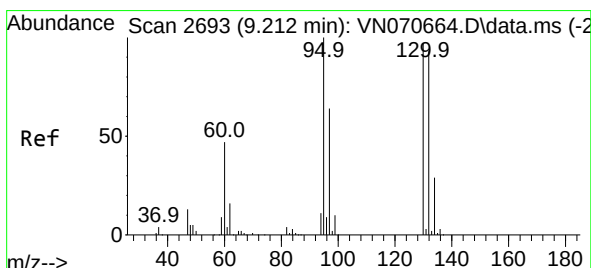
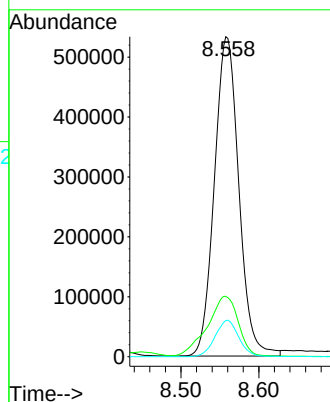
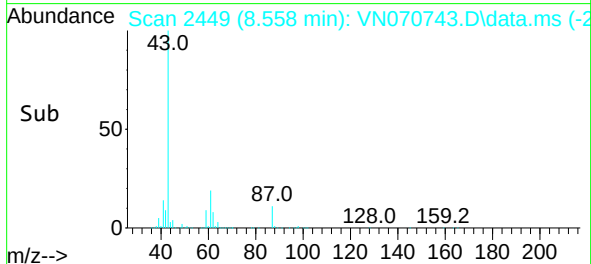
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1161092
Ion Ratio Lower Upper
43 100
61 23.9 20.4 30.6
87 11.0 11.2 16.8

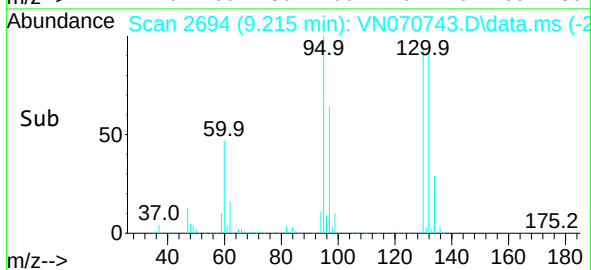
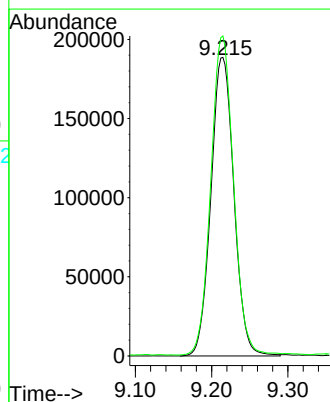
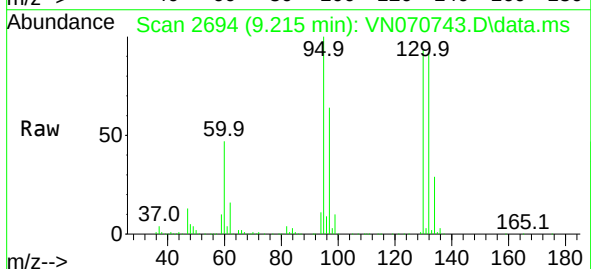
Manual Integrations
APPROVED

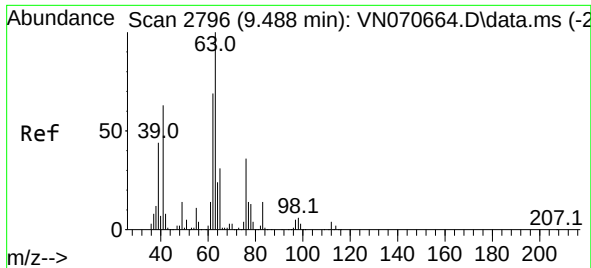
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#44
Trichloroethene
Concen: 43.847 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

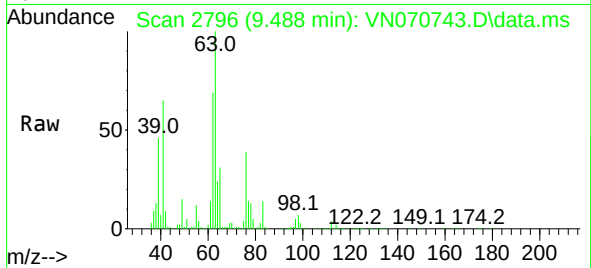
Tgt Ion:130 Resp: 394666
Ion Ratio Lower Upper
130 100
95 106.9 0.0 191.2





#45
1,2-Dichloropropane
Concen: 45.187 ug/l
RT: 9.488 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

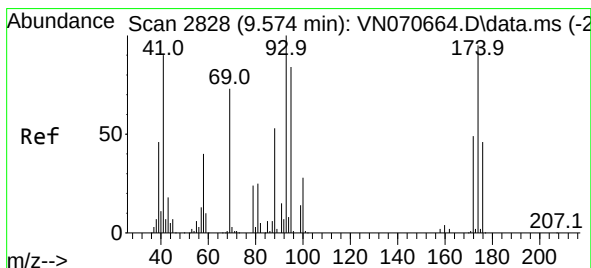
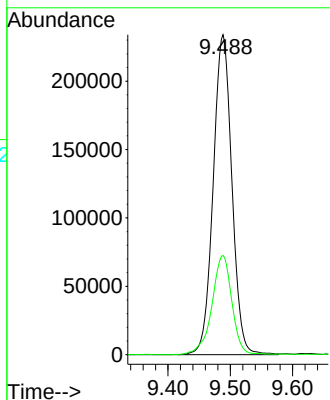
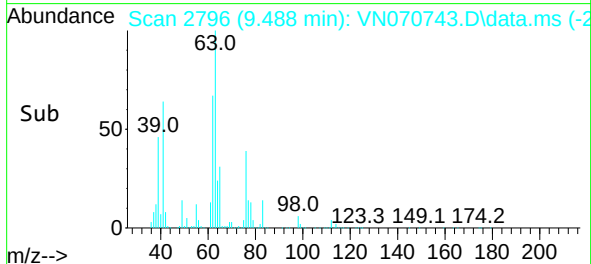
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



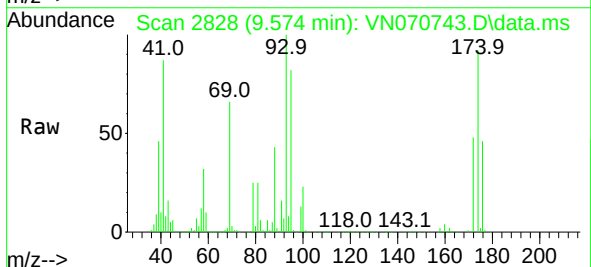
Tgt Ion: 63 Resp: 488145
Ion Ratio Lower Upper
63 100
65 30.9 24.7 37.1

Manual Integrations
APPROVED

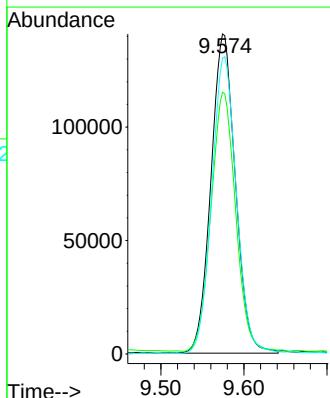
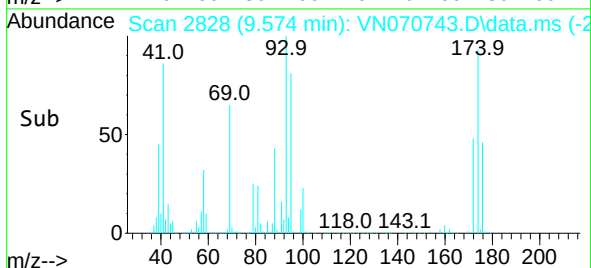
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

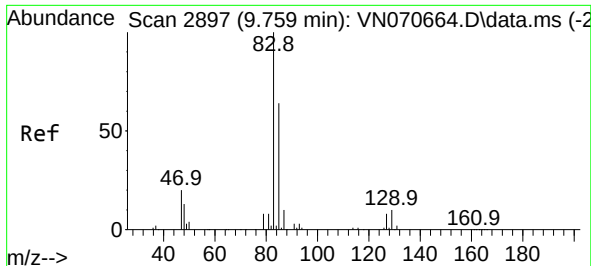


#46
Dibromomethane
Concen: 45.838 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



Tgt Ion: 93 Resp: 287927
Ion Ratio Lower Upper
93 100
95 81.4 65.9 98.9
174 93.9 84.6 127.0





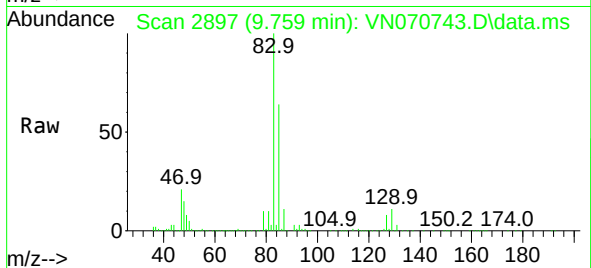
#47
Bromodichloromethane
Concen: 45.429 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



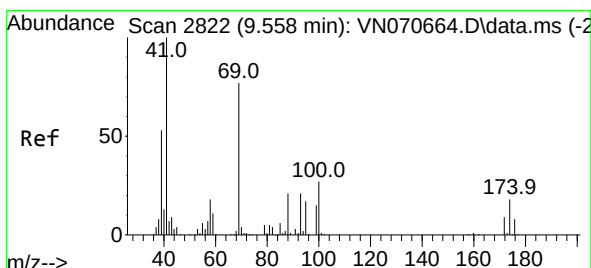
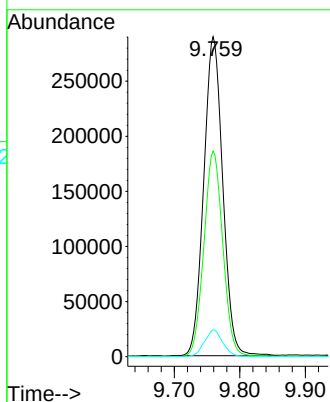
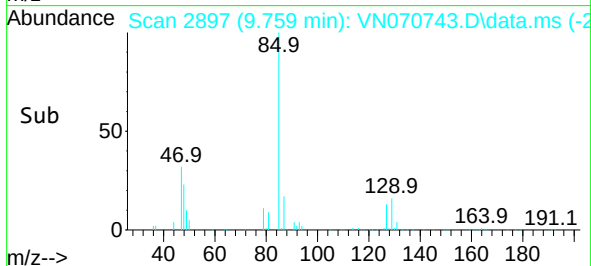
Tgt Ion: 83 Resp: 58330
Ion Ratio Lower Upper
83 100
85 64.4 50.9 76.3
127 8.4 7.1 10.7

Manual Integrations

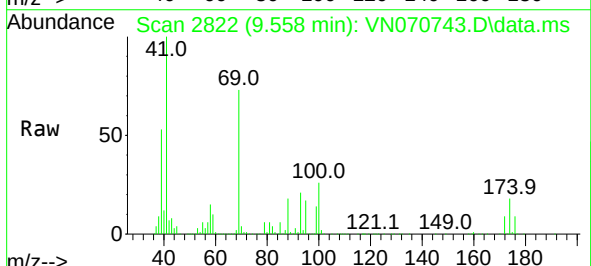
APPROVED

Reviewed By :John Carlone 01/24/2022

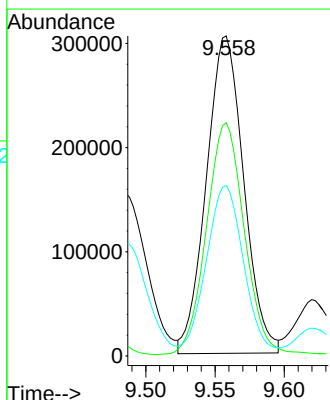
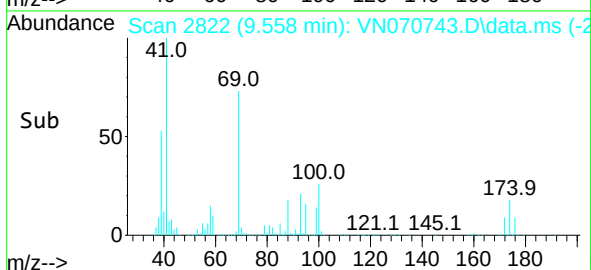
Supervised By :Mahesh Dadoda 01/24/2022

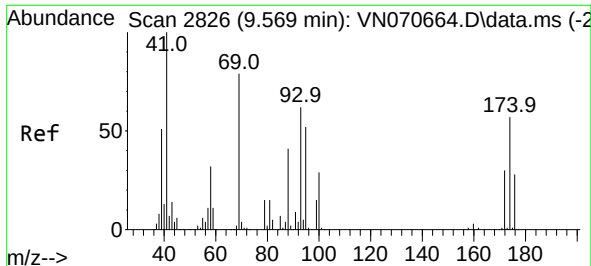


#48
Methyl methacrylate
Concen: 46.234 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



Tgt Ion: 41 Resp: 572320
Ion Ratio Lower Upper
41 100
69 74.2 72.4 108.6
39 53.5 58.4 87.6#





#49

1,4-Dioxane

Concen: 797.162 ug/l

RT: 9.566 min Scan# 2826

Delta R.T. -0.003 min

Lab File: VN070743.D

Acq: 21 Jan 2022 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 148220

Ion Ratio Lower Upper

88 100

43 35.3 23.4 35.2

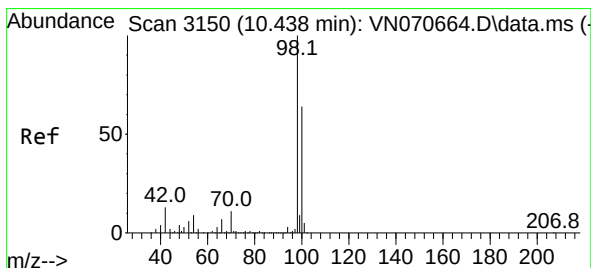
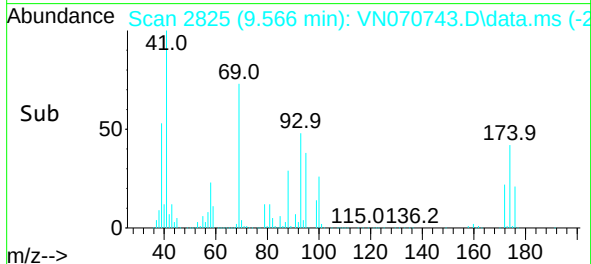
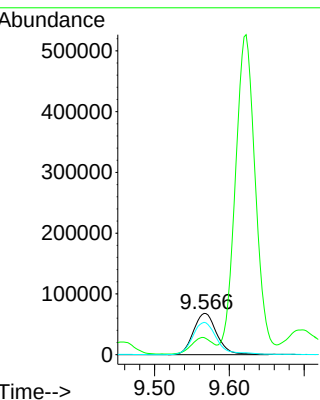
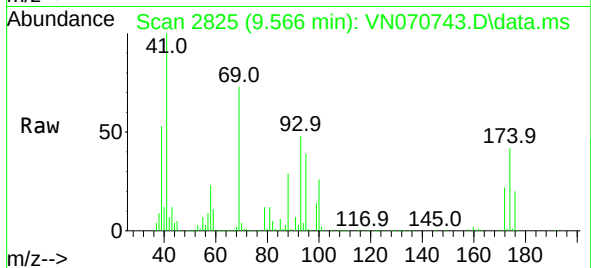
58 82.3 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#50

Toluene-d8

Concen: 48.751 ug/l

RT: 10.438 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VN070743.D

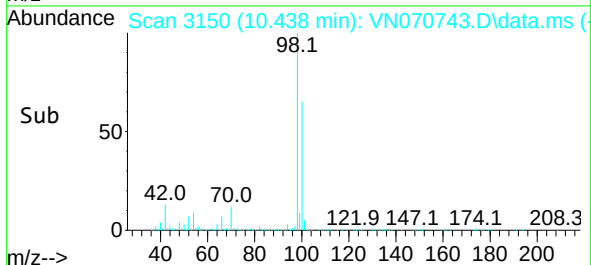
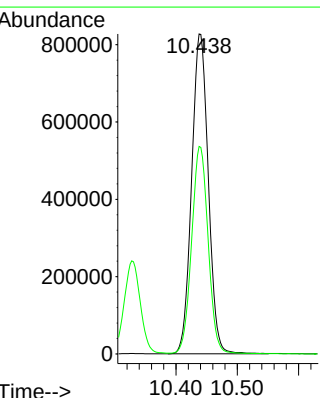
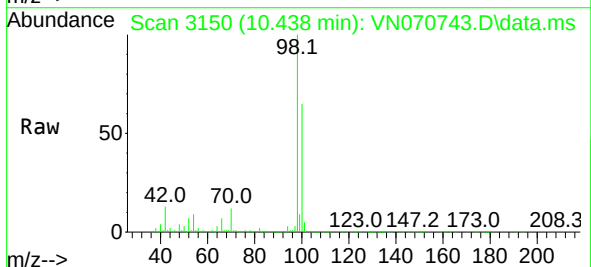
Acq: 21 Jan 2022 20:13

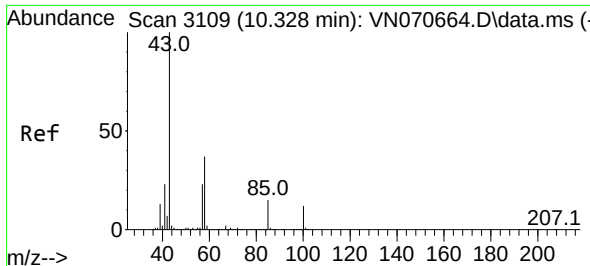
Tgt Ion: 98 Resp: 1563229

Ion Ratio Lower Upper

98 100

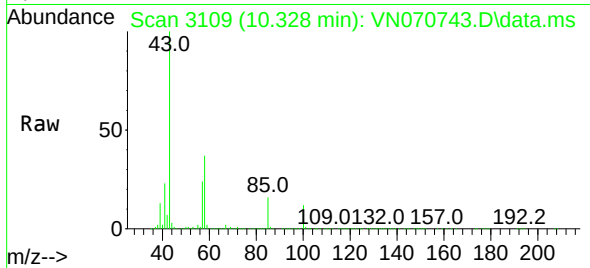
100 64.1 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 220.839 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

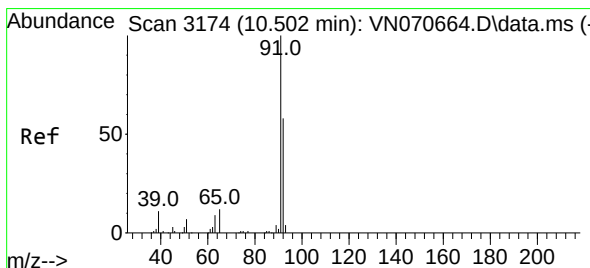
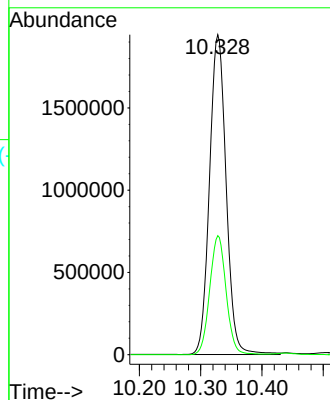
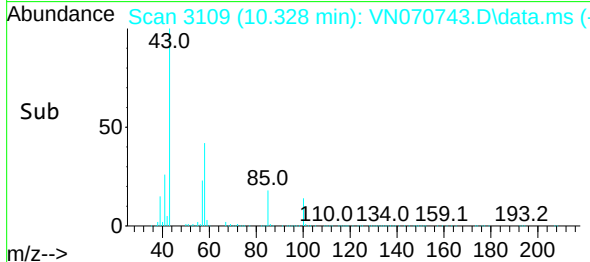
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 3661592
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

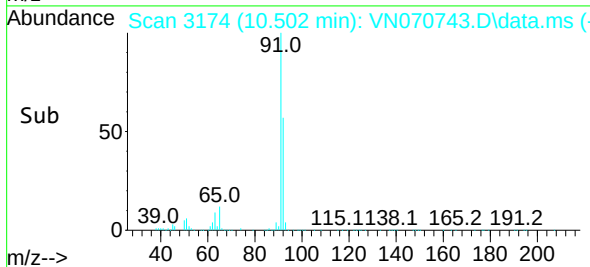
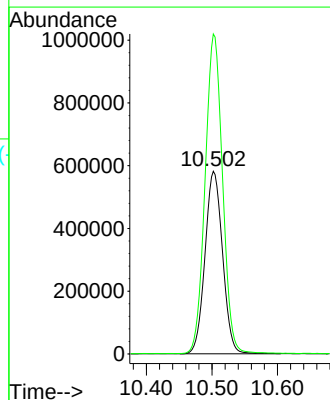
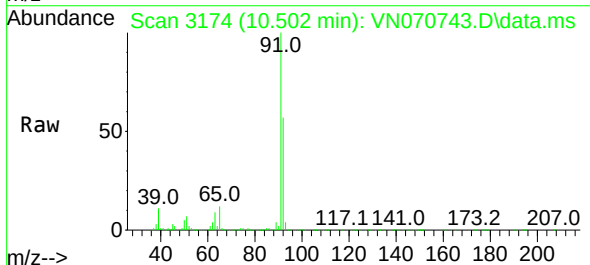
Manual Integrations
APPROVED

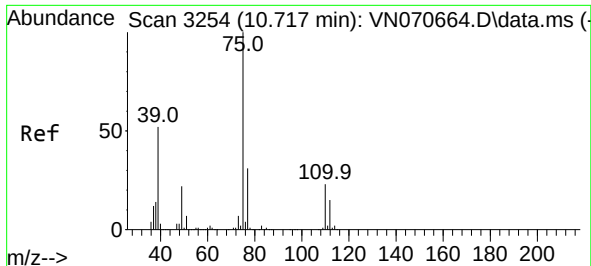
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#52
Toluene
Concen: 45.563 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

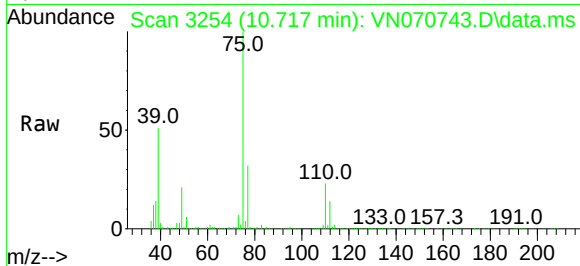
Tgt Ion: 92 Resp: 1082145
Ion Ratio Lower Upper
92 100
91 173.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 43.199 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

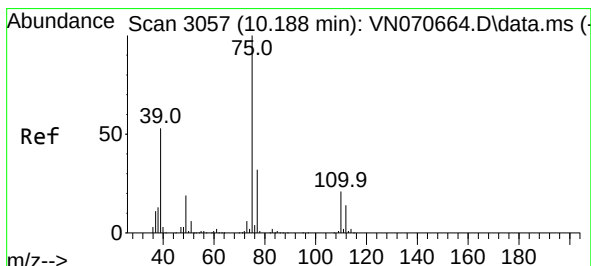
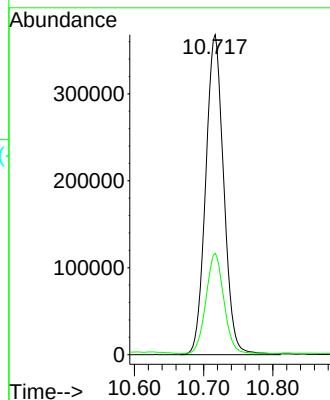
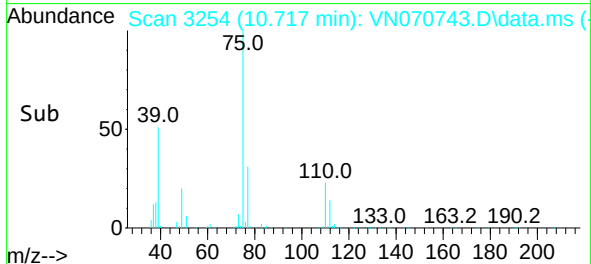
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



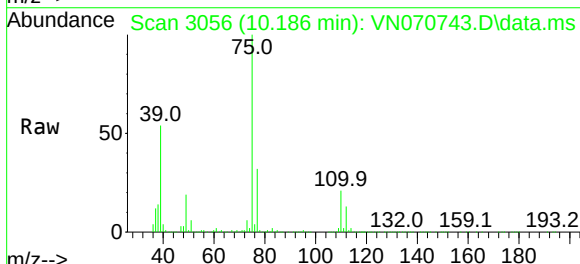
Tgt Ion: 75 Resp: 66728
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

Manual Integrations
APPROVED

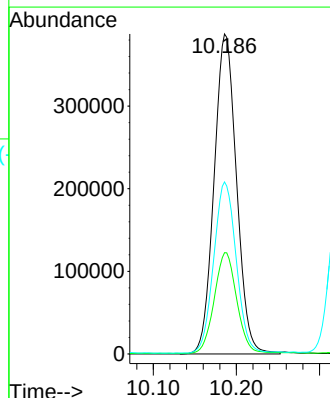
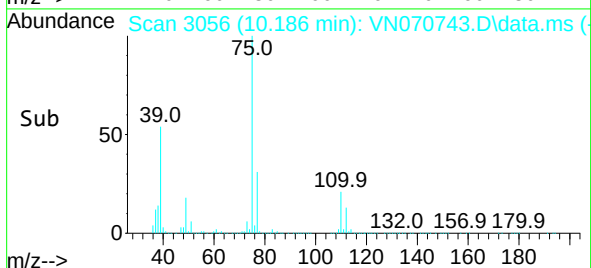
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

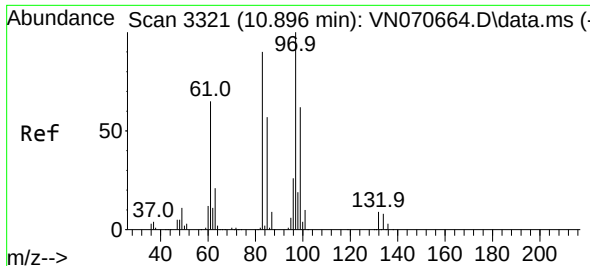


#54
cis-1,3-Dichloropropene
Concen: 47.200 ug/l
RT: 10.186 min Scan# 3056
Delta R.T. -0.002 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



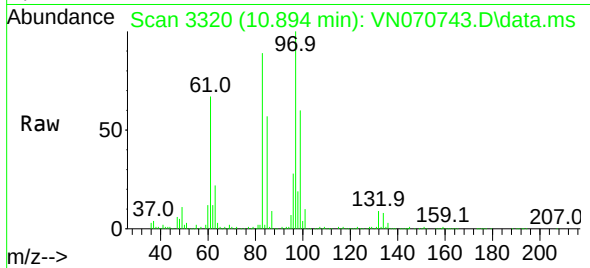
Tgt Ion: 75 Resp: 726809
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 53.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 44.639 ug/l
RT: 10.894 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

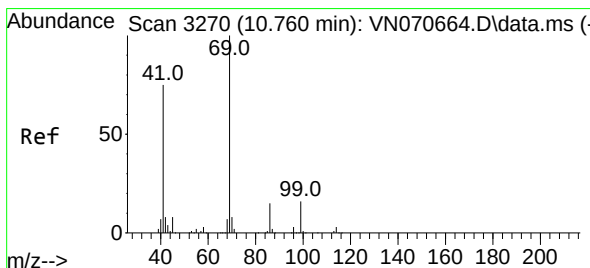
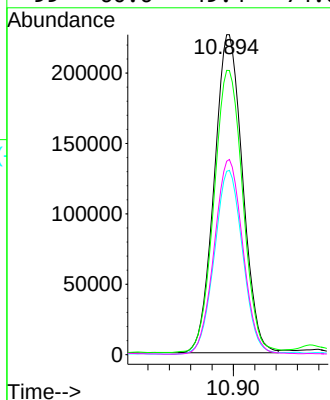
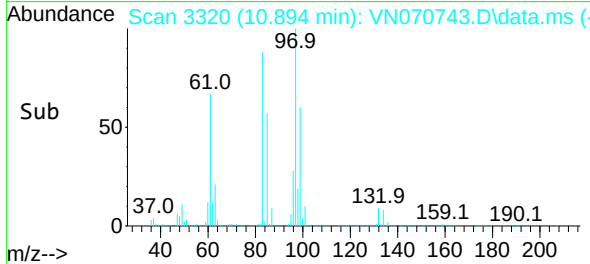
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 416492
Ion Ratio Lower Upper
97 100
83 88.5 67.8 101.6
85 57.5 45.4 68.2
99 60.6 49.4 74.0

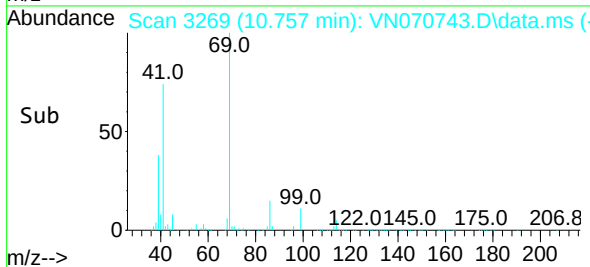
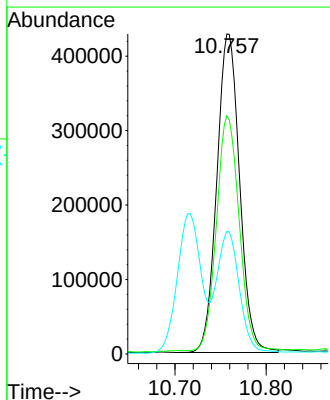
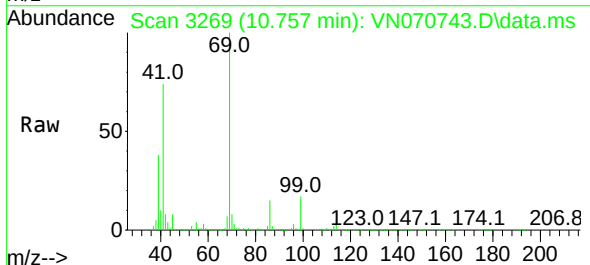
Manual Integrations
APPROVED

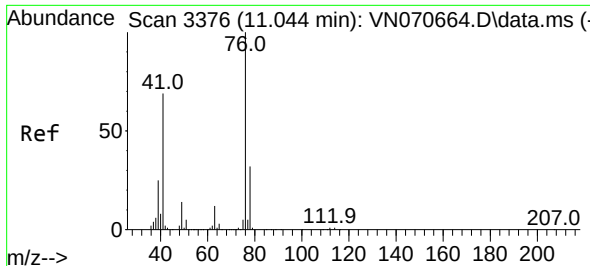
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#56
Ethyl methacrylate
Concen: 42.243 ug/l
RT: 10.757 min Scan# 3269
Delta R.T. -0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

Tgt Ion: 69 Resp: 742950
Ion Ratio Lower Upper
69 100
41 73.4 51.4 77.0
39 37.2 34.6 52.0





#57

1,3-Dichloropropane

Concen: 46.145 ug/l

RT: 11.041 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070743.D

Acq: 21 Jan 2022 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 76218

Ion Ratio Lower Upper

76 100

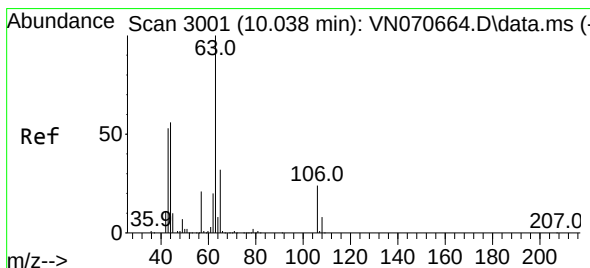
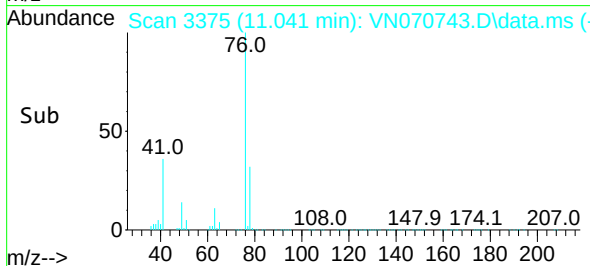
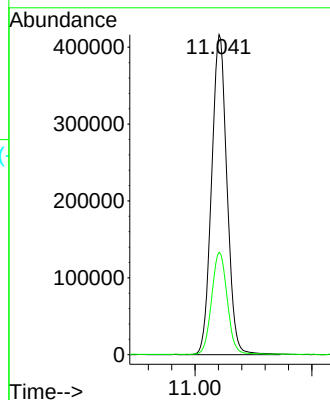
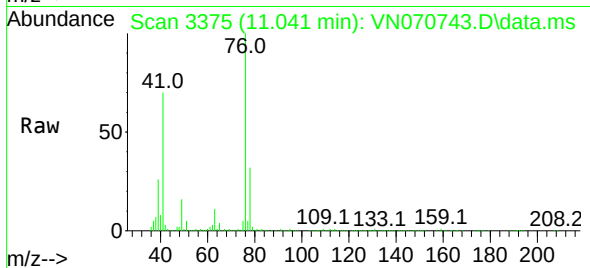
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 212.298 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. 0.000 min

Lab File: VN070743.D

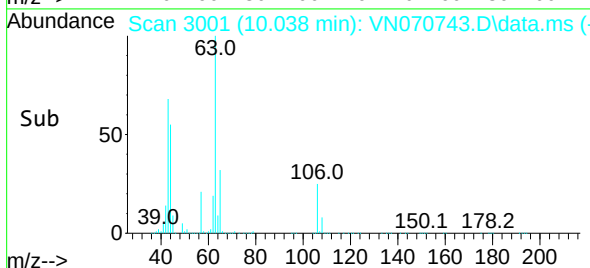
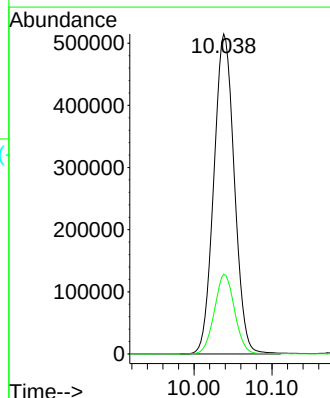
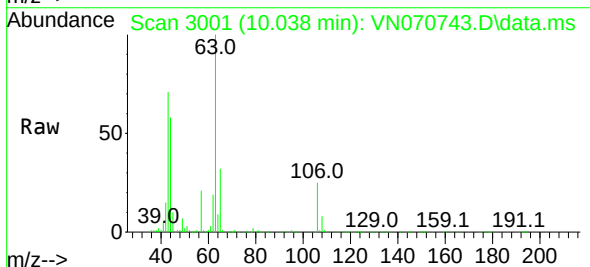
Acq: 21 Jan 2022 20:13

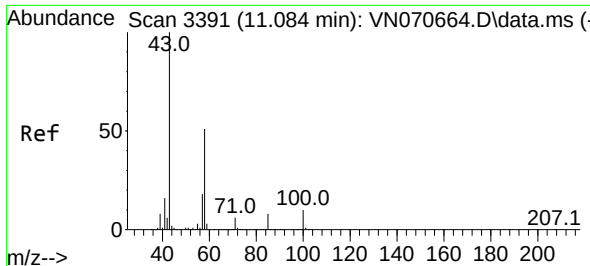
Tgt Ion: 63 Resp: 939905

Ion Ratio Lower Upper

63 100

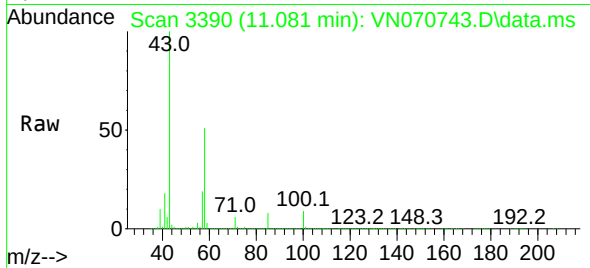
106 24.5 23.9 35.9





#59
2-Hexanone
Concen: 215.464 ug/l
RT: 11.081 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

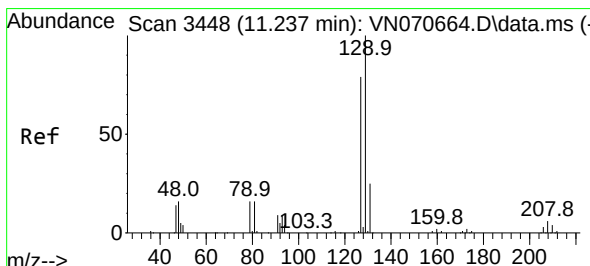
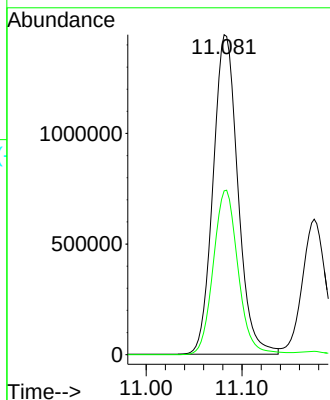
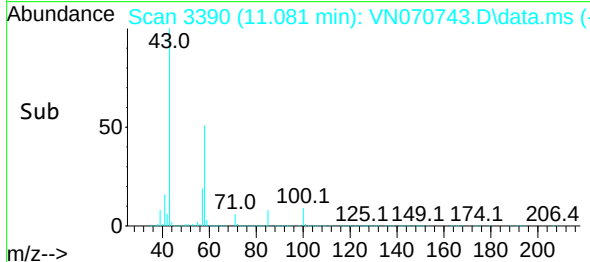
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 259523
Ion Ratio Lower Upper
43 100
58 51.6 26.9 80.7

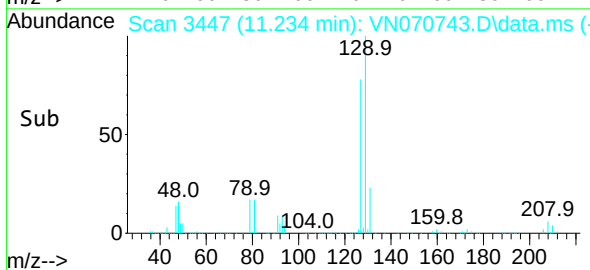
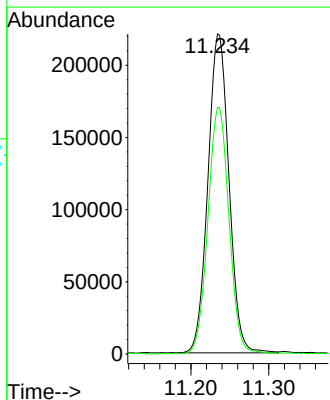
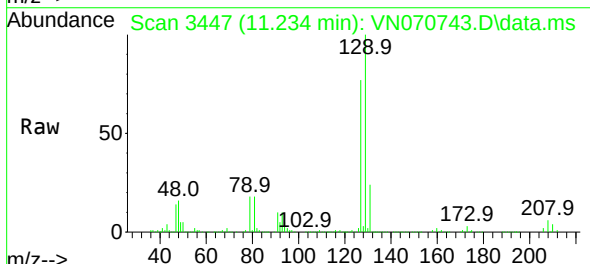
Manual Integrations
APPROVED

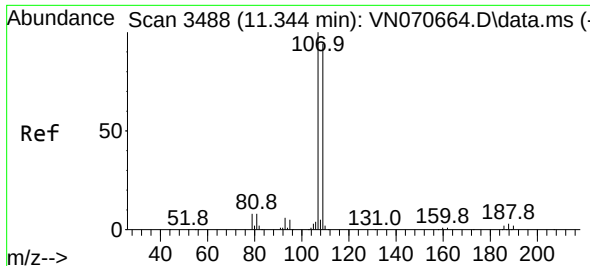
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#60
Dibromochloromethane
Concen: 47.694 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

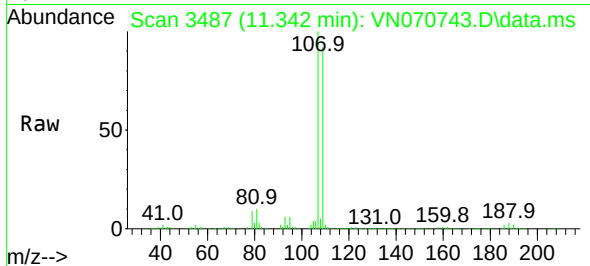
Tgt Ion:129 Resp: 415074
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 45.716 ug/l
RT: 11.342 min Scan# 3488
Delta R.T. -0.002 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

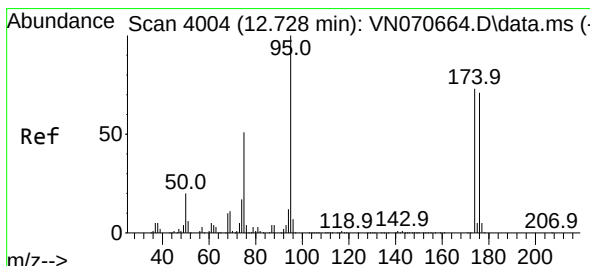
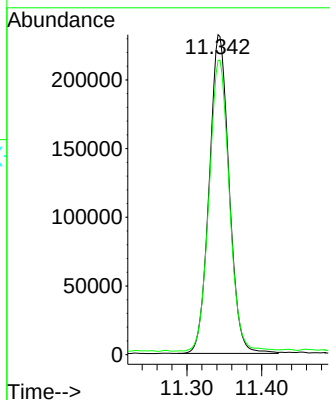
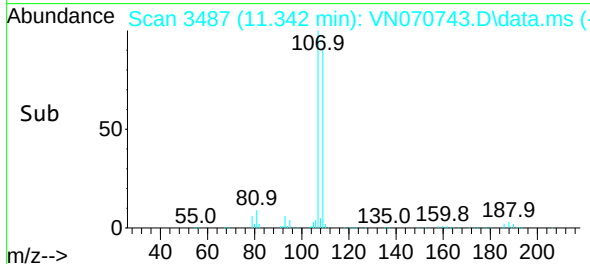
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



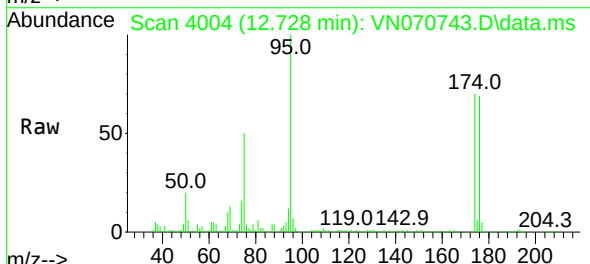
Tgt Ion:107 Resp: 428248
Ion Ratio Lower Upper
107 100
109 92.9 75.7 113.5

Manual Integrations
APPROVED

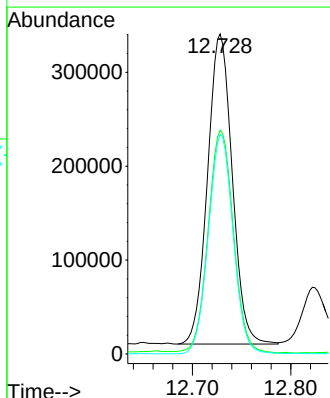
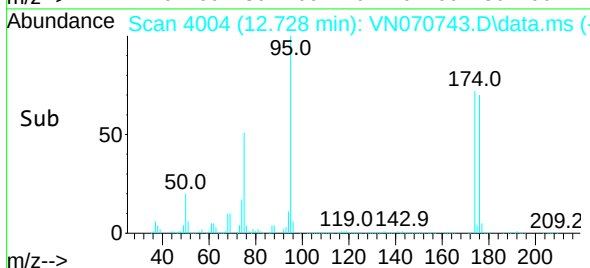
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

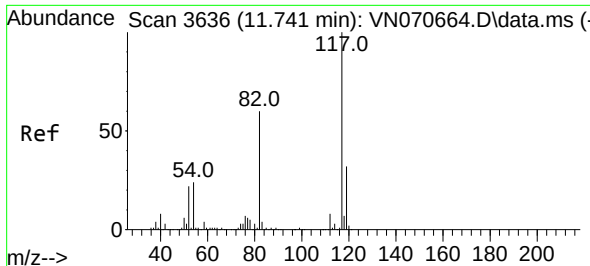


#62
4-Bromofluorobenzene
Concen: 50.447 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



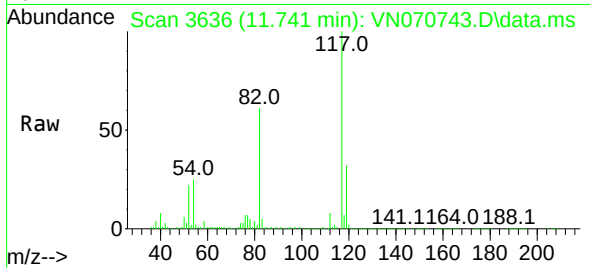
Tgt Ion: 95 Resp: 576431
Ion Ratio Lower Upper
95 100
174 73.5 0.0 187.2
176 71.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

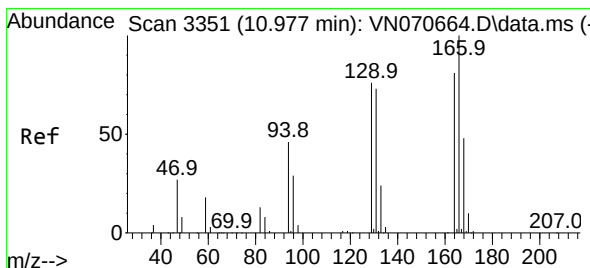
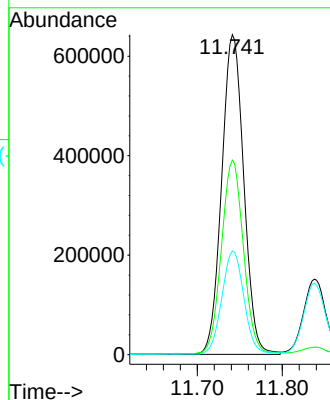
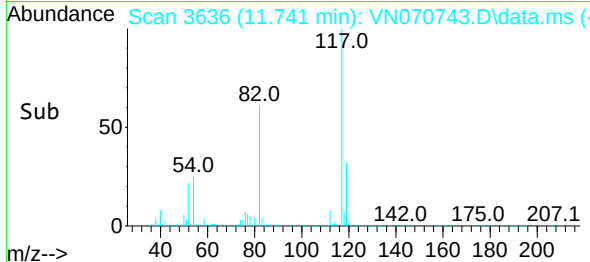
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 1159474
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.2 25.4 38.2

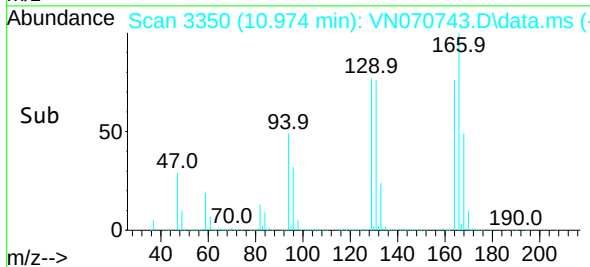
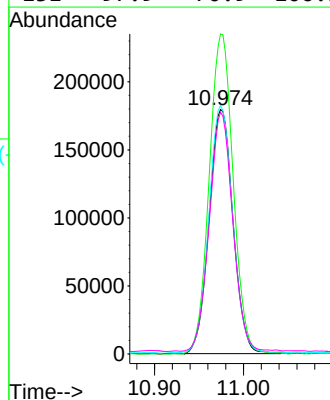
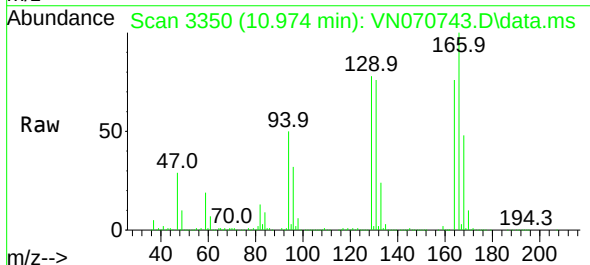
Manual Integrations
APPROVED

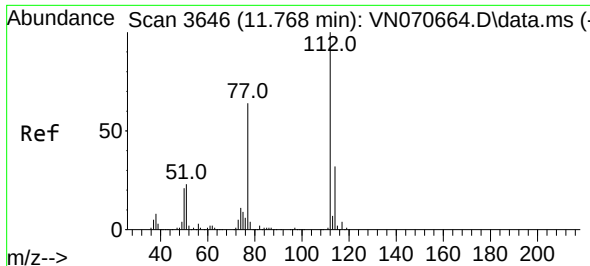
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#64
Tetrachloroethene
Concen: 39.503 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

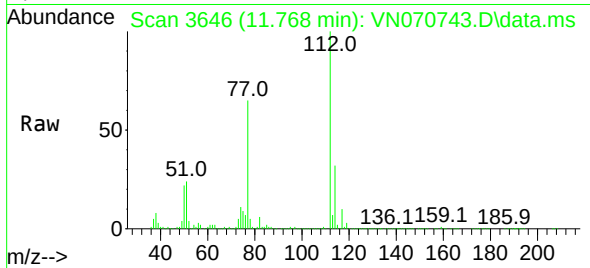
Tgt Ion:164 Resp: 335826
Ion Ratio Lower Upper
164 100
166 131.0 101.9 152.9
129 101.2 72.0 108.0
131 97.9 70.9 106.3





#65
Chlorobenzene
Concen: 44.643 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

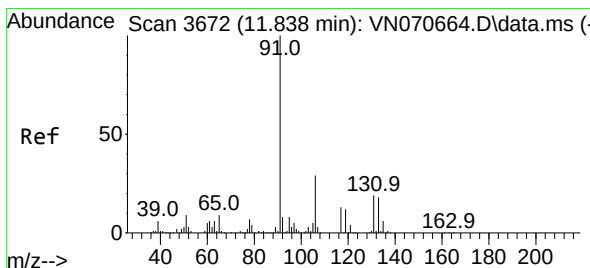
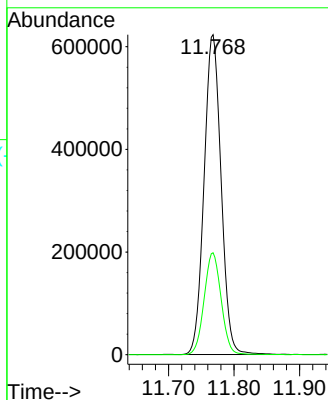
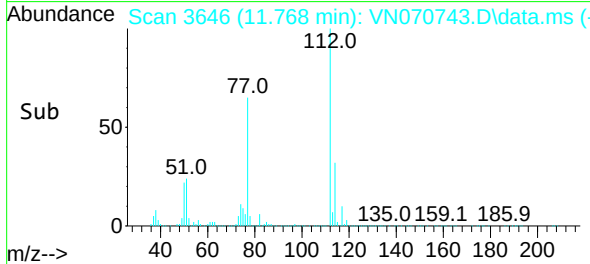
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



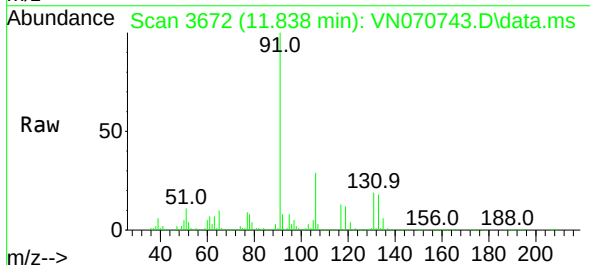
Tgt Ion:112 Resp: 112148
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

Manual Integrations
APPROVED

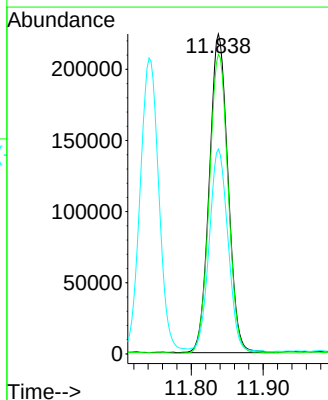
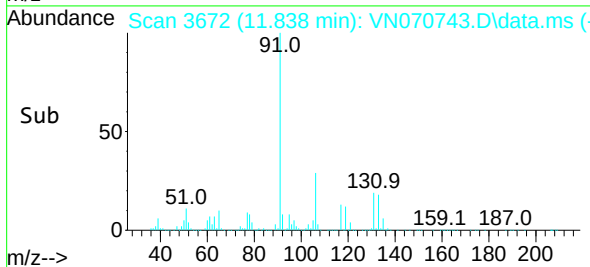
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

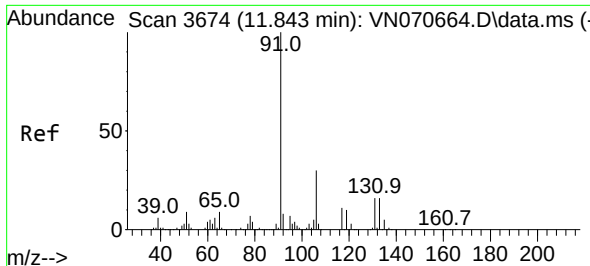


#66
1,1,1,2-Tetrachloroethane
Concen: 46.644 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



Tgt Ion:131 Resp: 403504
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.7
119 64.0 32.1 96.5





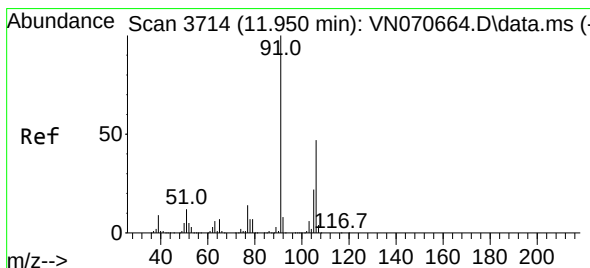
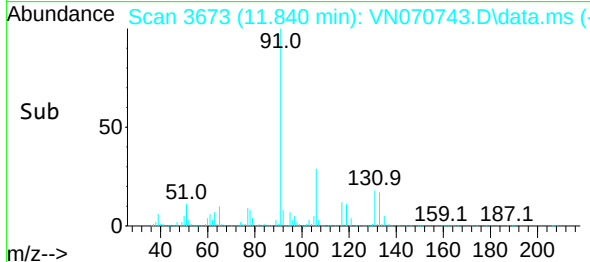
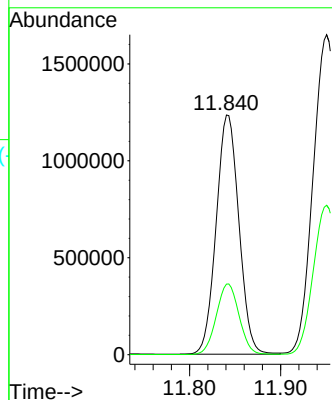
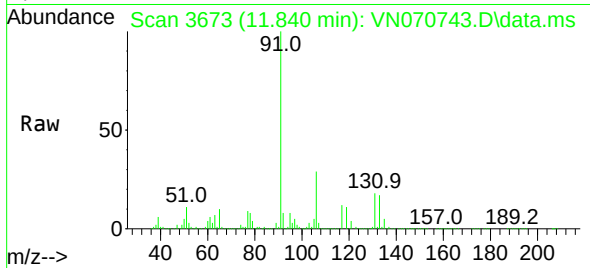
#67
Ethyl Benzene
Concen: 45.891 ug/l
RT: 11.840 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 213736
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

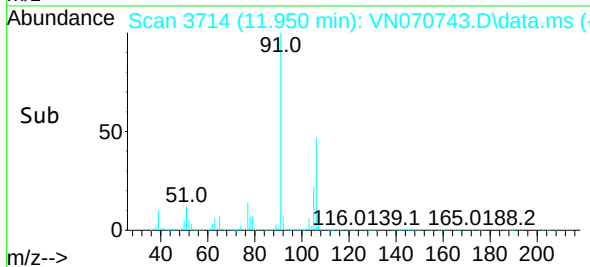
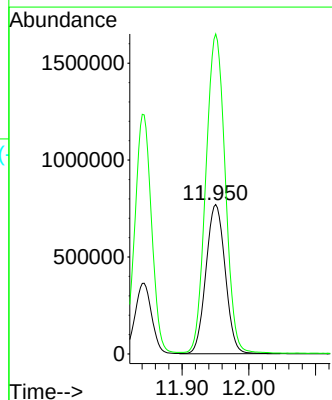
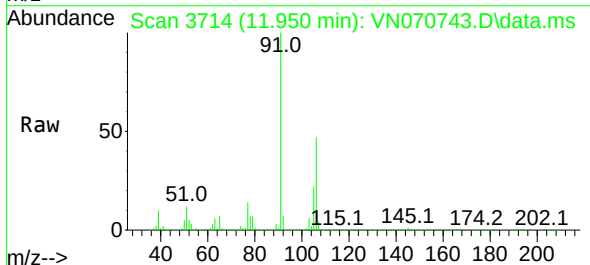
Manual Integrations
APPROVED

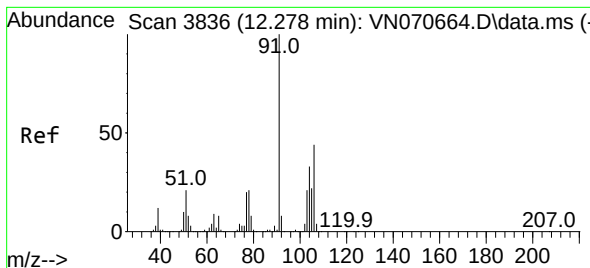
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#68
m/p-Xylenes
Concen: 91.078 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

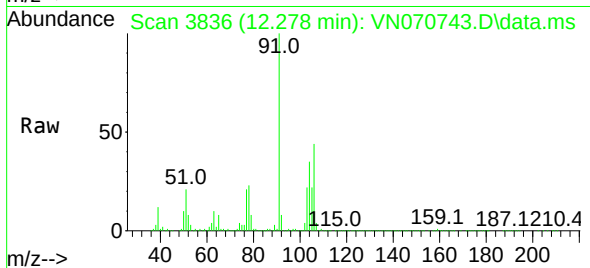
Tgt Ion:106 Resp: 1543192
Ion Ratio Lower Upper
106 100
91 215.1 160.6 240.8





#69
o-Xylene
Concen: 46.434 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

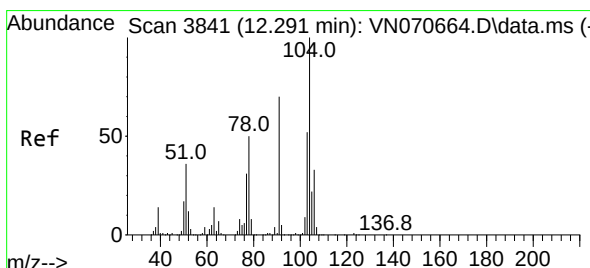
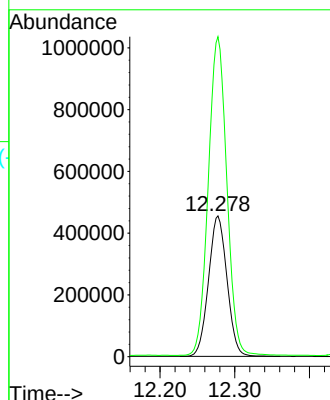
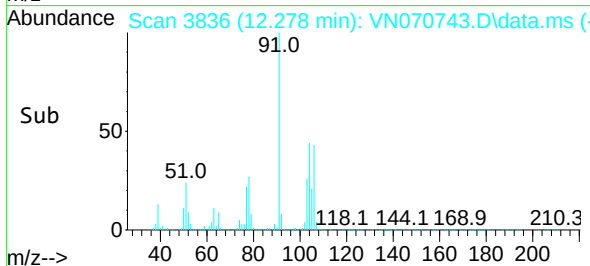
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



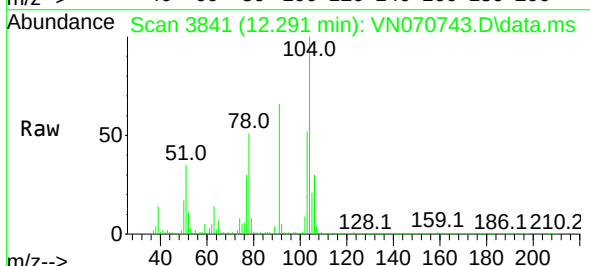
Tgt Ion:106 Resp: 780772
Ion Ratio Lower Upper
106 100
91 227.5 105.8 317.3

Manual Integrations
APPROVED

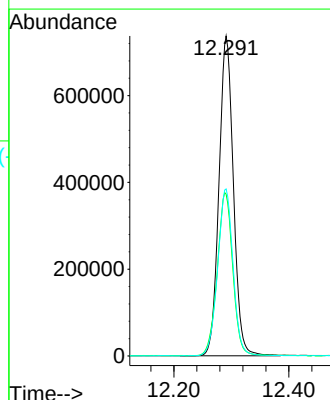
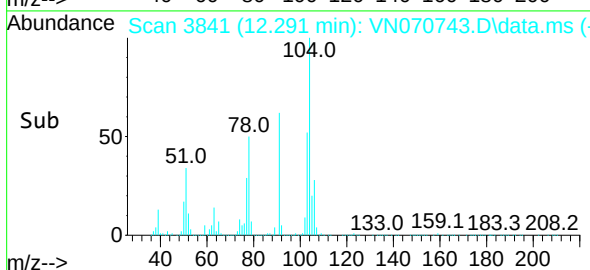
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

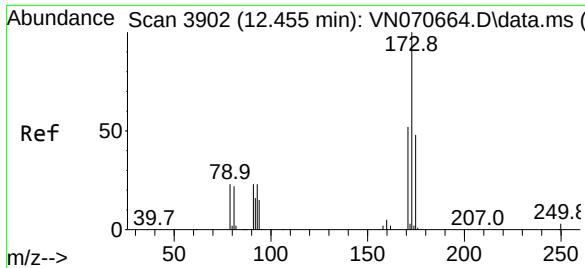


#70
Styrene
Concen: 47.730 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



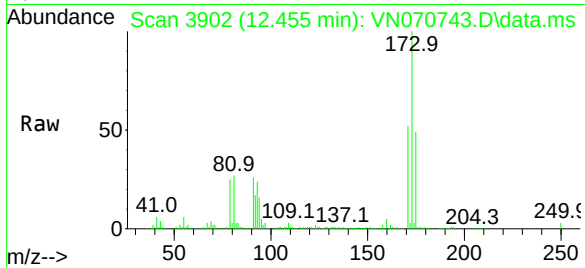
Tgt Ion:104 Resp: 1283926
Ion Ratio Lower Upper
104 100
78 54.6 38.7 58.1
103 55.6 45.0 67.6





#71
Bromoform
Concen: 46.632 ug/l
RT: 12.455 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

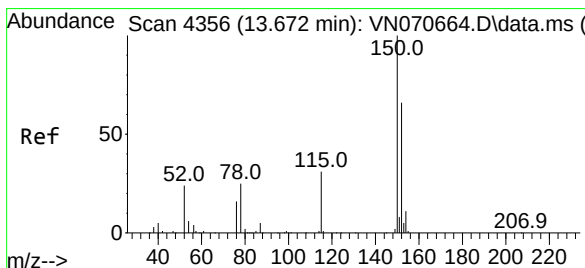
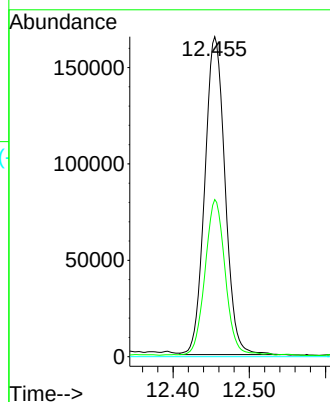
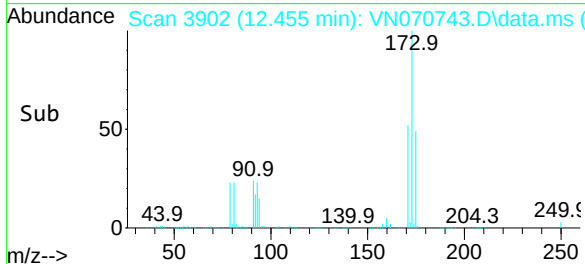
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



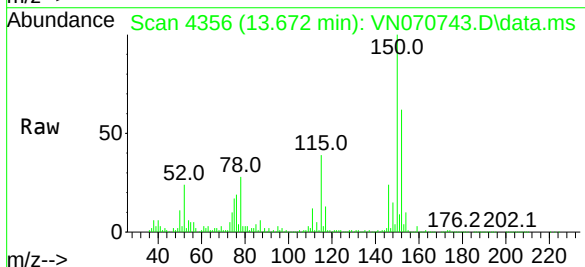
Tgt Ion:173 Resp: 304710
Ion Ratio Lower Upper
173 100
175 47.9 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

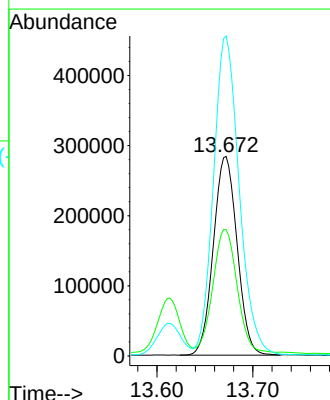
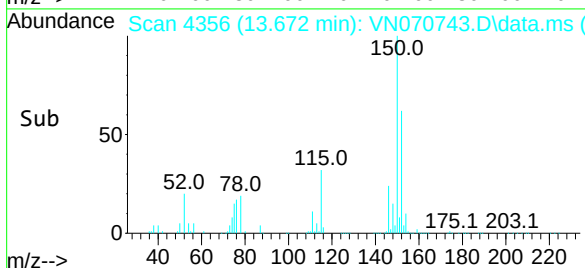
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

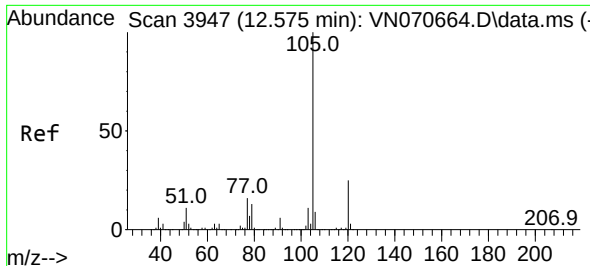


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



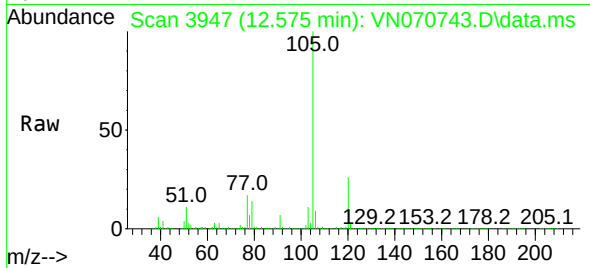
Tgt Ion:152 Resp: 487704
Ion Ratio Lower Upper
152 100
115 62.9 27.5 82.5
150 173.5 0.0 344.4





#73
Isopropylbenzene
Concen: 44.358 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

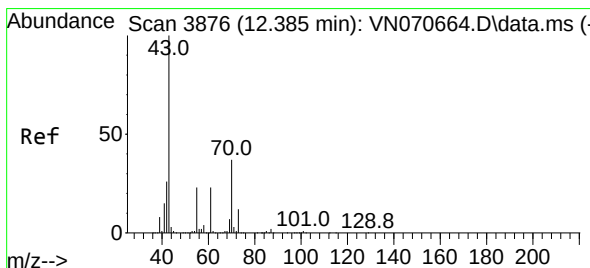
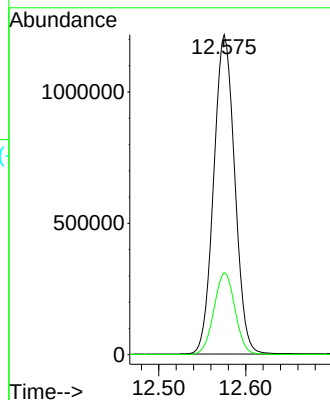
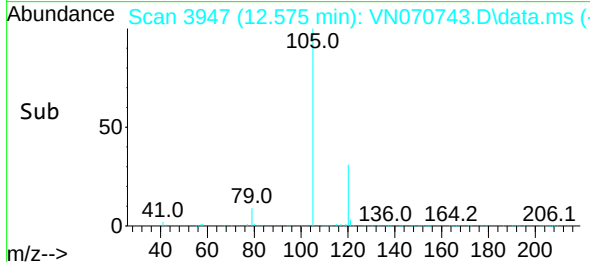
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



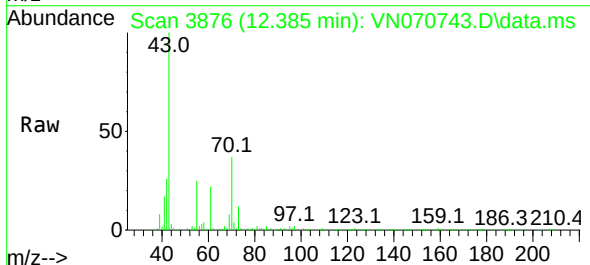
Tgt Ion:105 Resp: 204663
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

Manual Integrations
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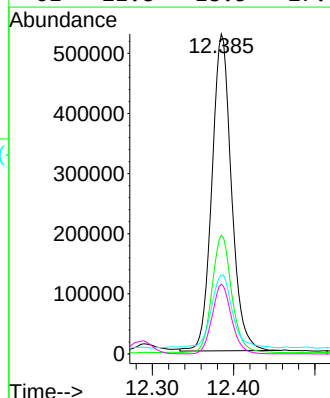
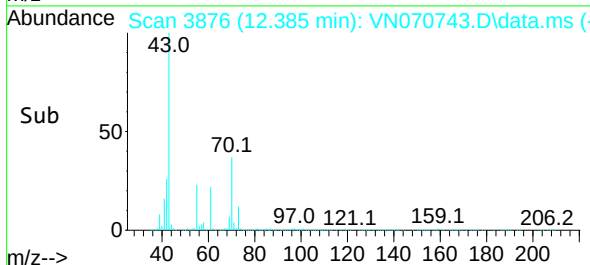
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

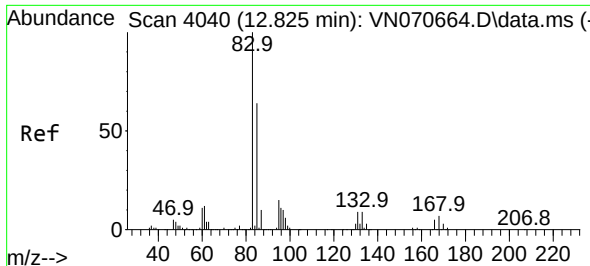


#74
N-ethyl acetate
Concen: 46.719 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



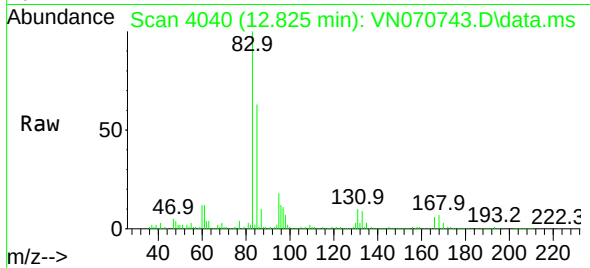
Tgt Ion: 43 Resp: 881336
Ion Ratio Lower Upper
43 100
70 37.4 33.4 50.0
55 25.0 19.3 28.9
61 21.8 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 42.162 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

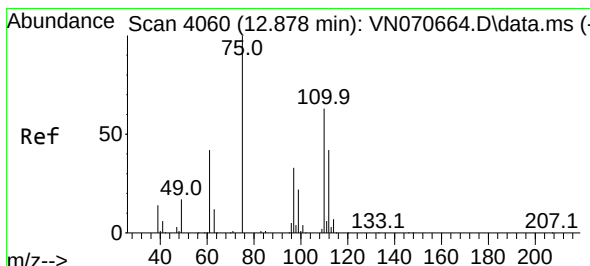
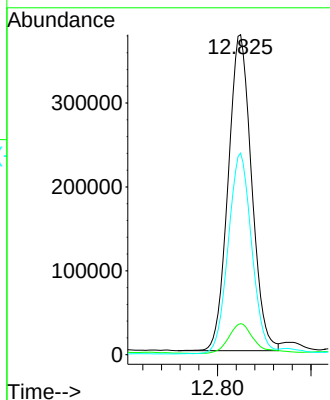
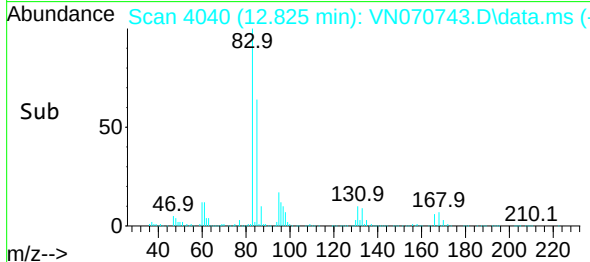
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



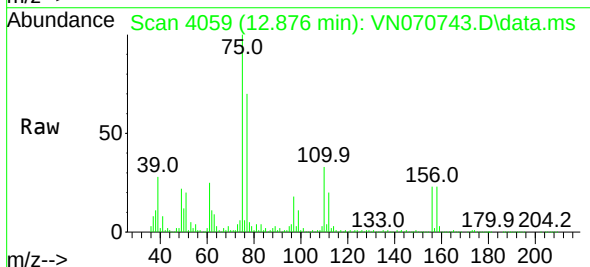
Tgt Ion: 83 Resp: 656974
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.5
85 63.6 32.4 97.2

Manual Integrations
APPROVED

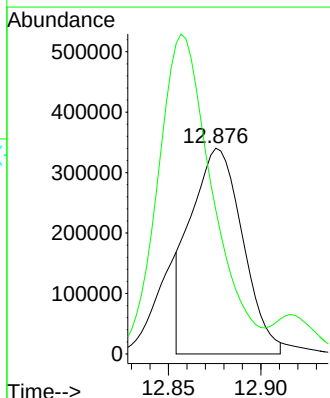
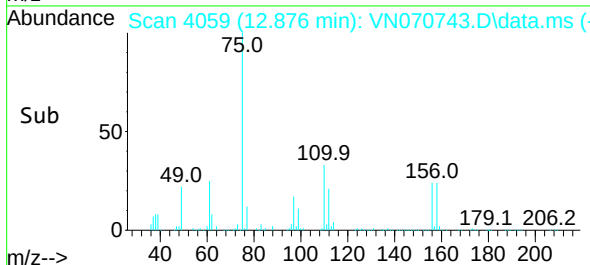
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

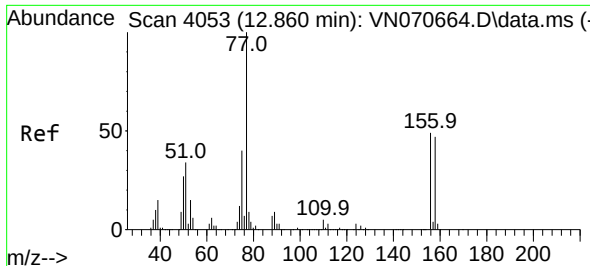


#76
1,2,3-Trichloropropane
Concen: 51.137 ug/l m
RT: 12.876 min Scan# 4059
Delta R.T. -0.002 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



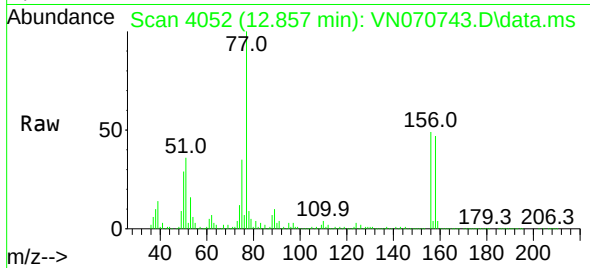
Tgt Ion: 75 Resp: 661461
Ion Ratio Lower Upper
75 100
77 162.5 82.6 247.8





#77
Bromobenzene
Concen: 43.968 ug/l
RT: 12.857 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

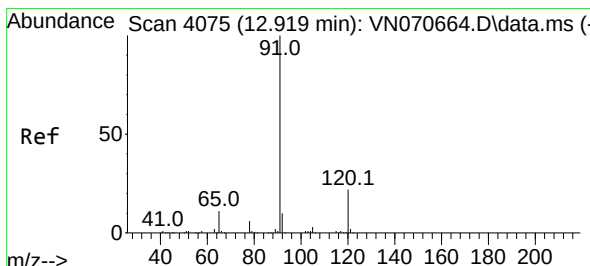
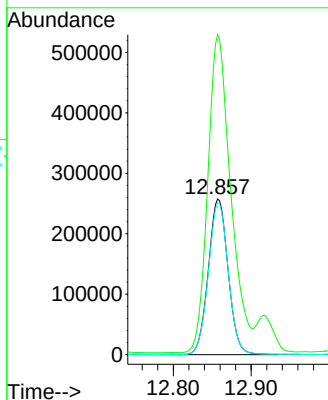
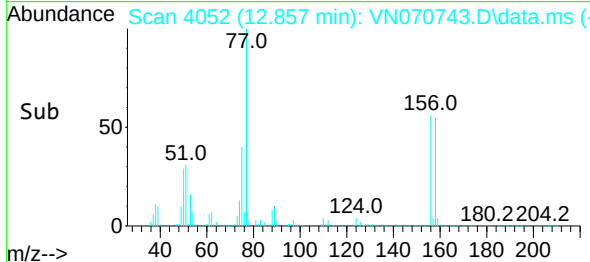
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 454839
Ion Ratio Lower Upper
156 100
77 236.3 90.6 271.8
158 97.5 48.9 146.7

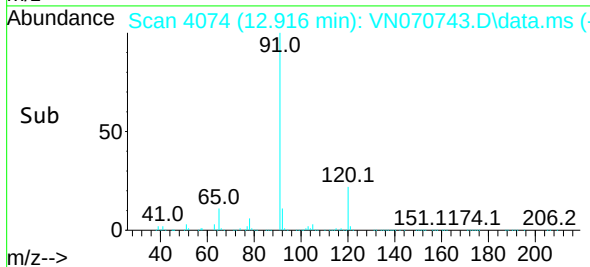
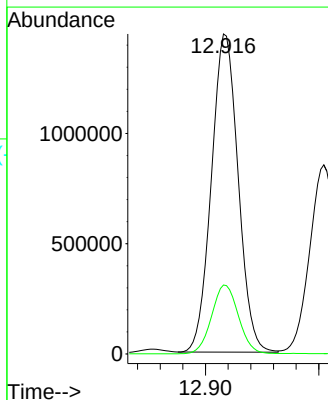
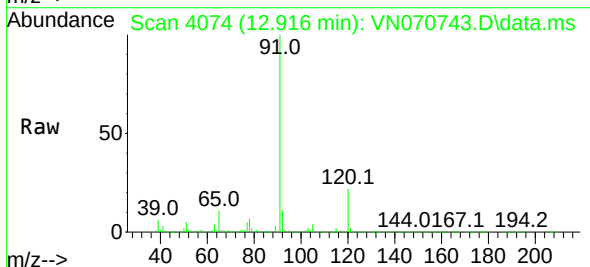
Manual Integrations
APPROVED

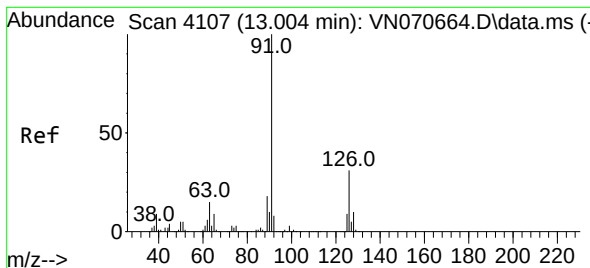
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#78
n-propylbenzene
Concen: 45.847 ug/l
RT: 12.916 min Scan# 4074
Delta R.T. -0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

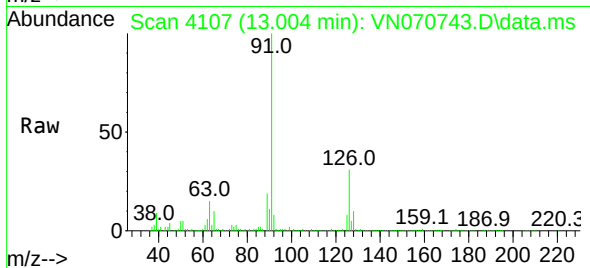
Tgt Ion: 91 Resp: 2365695
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





#79
2-Chlorotoluene
Concen: 44.416 ug/l
RT: 13.004 min Scan# 4107
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

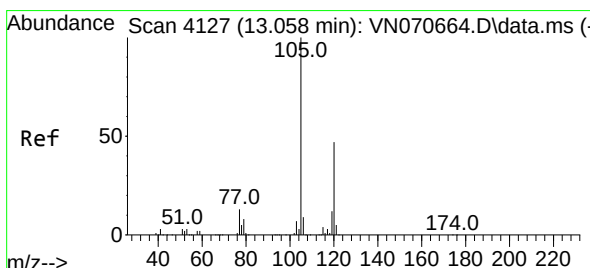
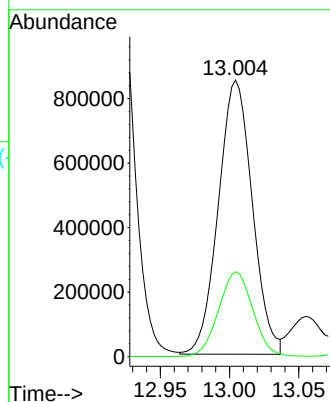
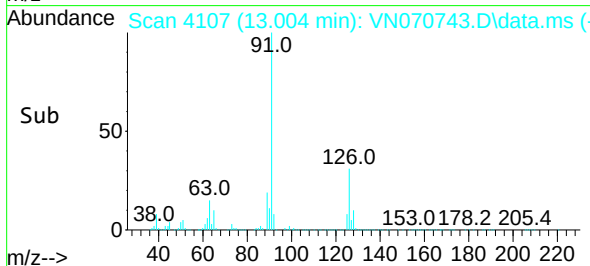
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



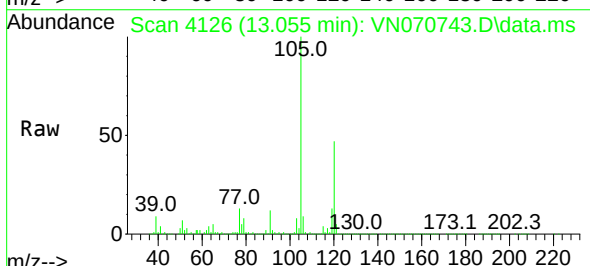
Tgt Ion: 91 Resp: 1449775
Ion Ratio Lower Upper
91 100
126 31.3 18.3 54.8

Manual Integrations
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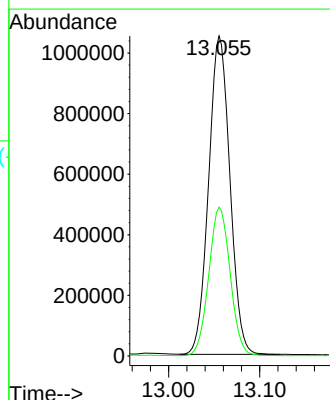
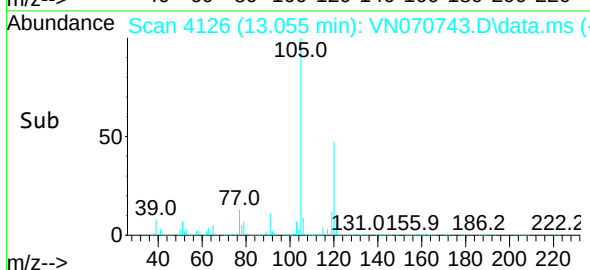
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

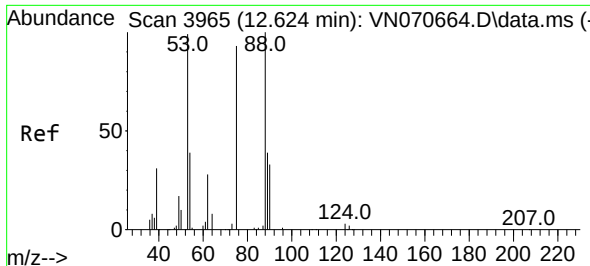


#80
1,3,5-Trimethylbenzene
Concen: 45.659 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



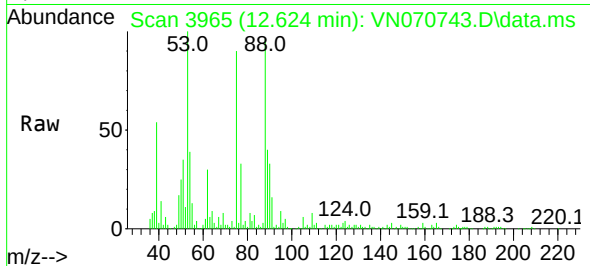
Tgt Ion:105 Resp: 1703616
Ion Ratio Lower Upper
105 100
120 46.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 43.273 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

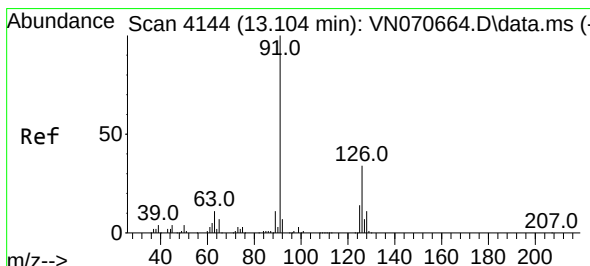
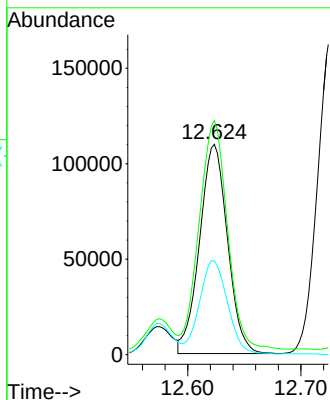
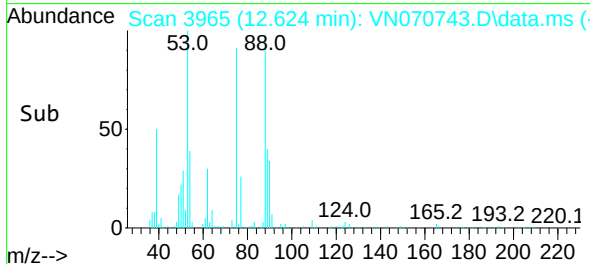
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 187884
Ion Ratio Lower Upper
75 100
53 110.6 90.5 135.7
89 44.9 38.2 57.4

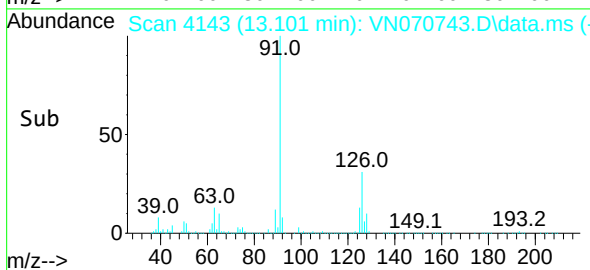
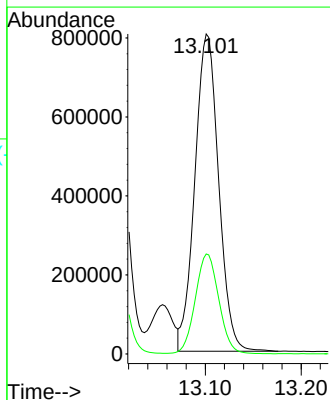
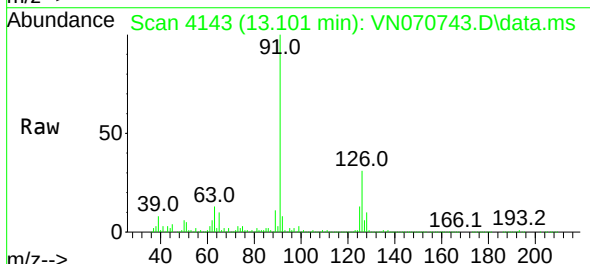
Manual Integrations
APPROVED

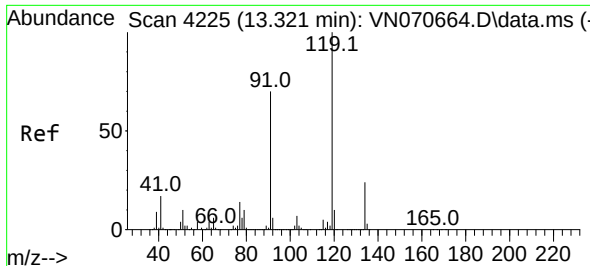
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#82
4-Chlorotoluene
Concen: 45.421 ug/l
RT: 13.101 min Scan# 4143
Delta R.T. -0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

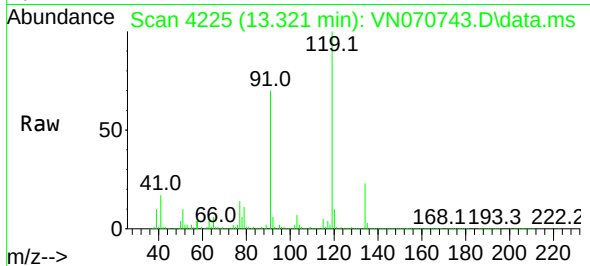
Tgt Ion: 91 Resp: 1385201
Ion Ratio Lower Upper
91 100
126 31.1 18.2 54.6





#83
tert-Butylbenzene
Concen: 45.537 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

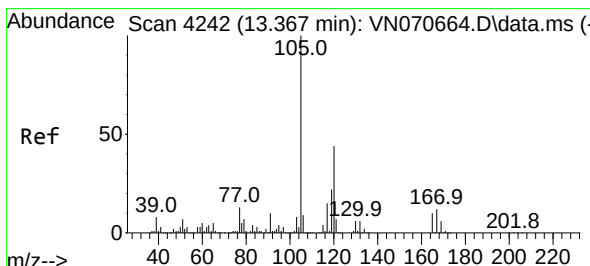
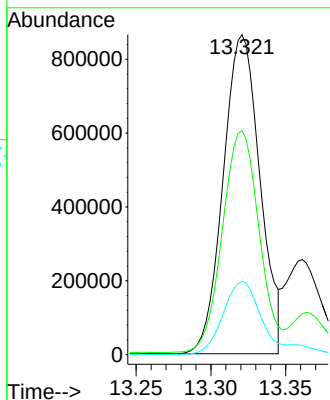
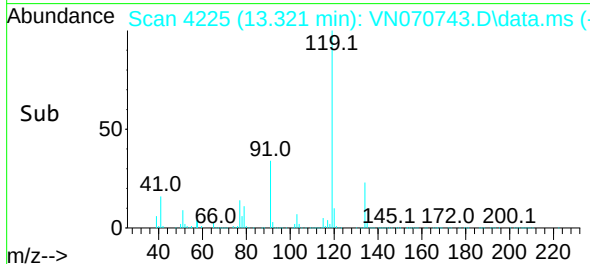
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



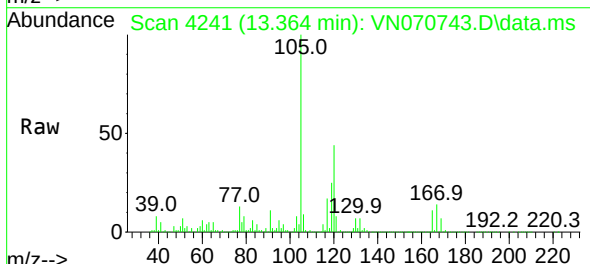
Tgt Ion:119 Resp: 147901
Ion Ratio Lower Upper
119 100
91 69.3 31.5 94.5
134 25.4 12.4 37.4

Manual Integrations
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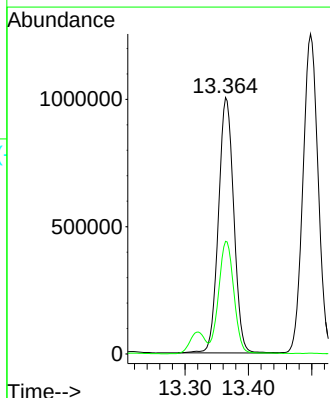
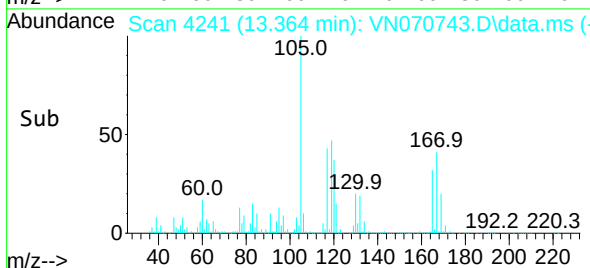
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

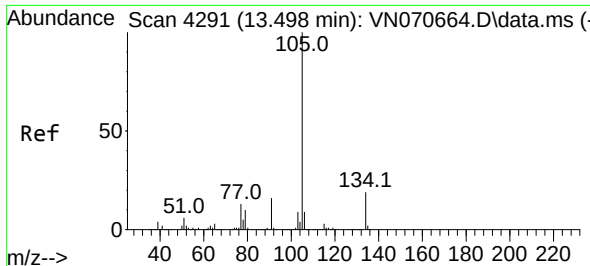


#84
1,2,4-Trimethylbenzene
Concen: 46.904 ug/l
RT: 13.364 min Scan# 4241
Delta R.T. -0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



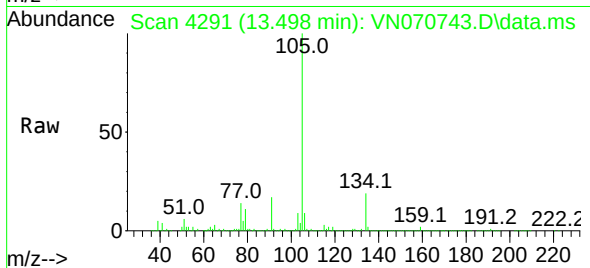
Tgt Ion:105 Resp: 1682206
Ion Ratio Lower Upper
105 100
120 43.4 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 46.969 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.000 min
 Lab File: VN070743.D
 Acq: 21 Jan 2022 20:13

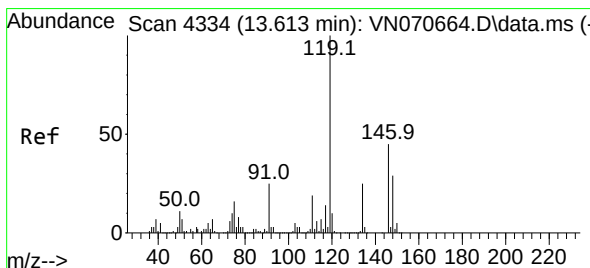
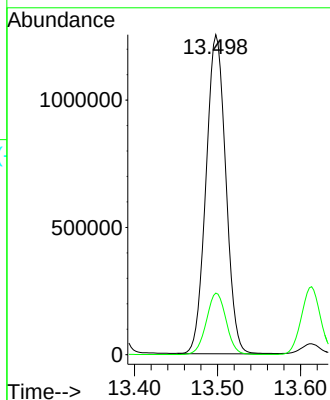
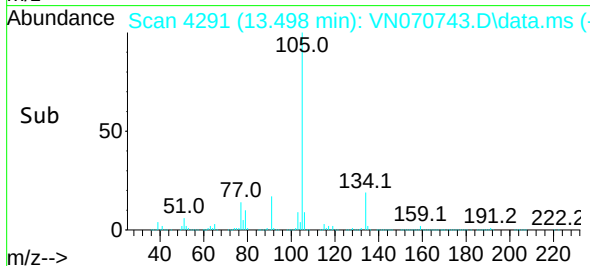
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 207391
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

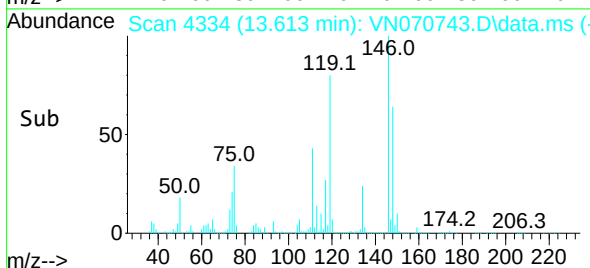
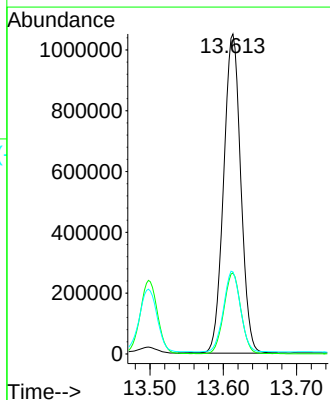
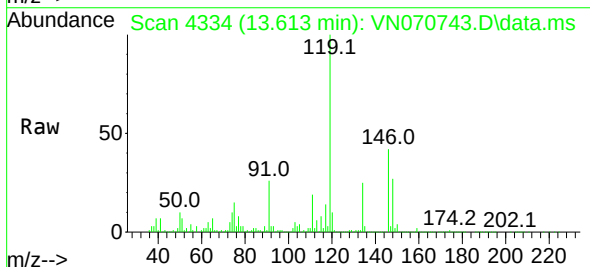
Manual Integrations
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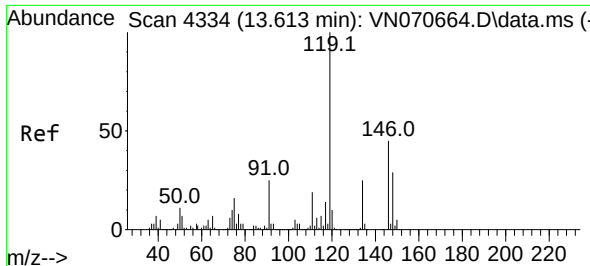
Reviewed By :John Carlone 01/24/2022
 Supervised By :Mahesh Dadoda 01/24/2022



#86
 p-Isopropyltoluene
 Concen: 49.065 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070743.D
 Acq: 21 Jan 2022 20:13

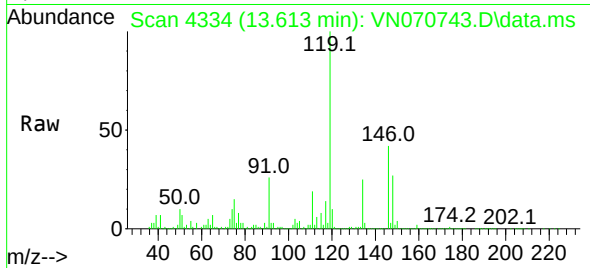
Tgt Ion:119 Resp: 1701904
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 46.119 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

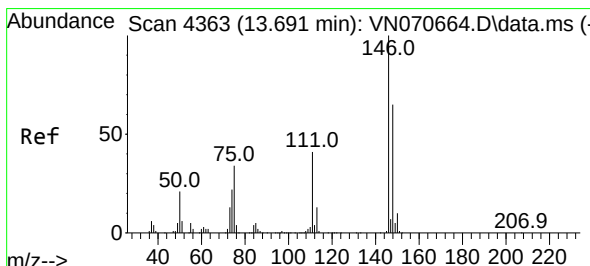
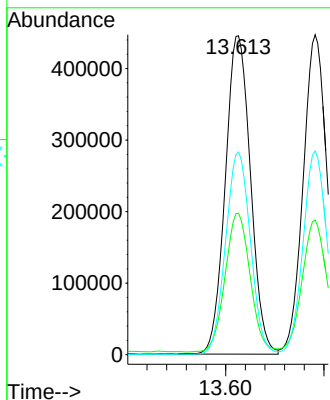
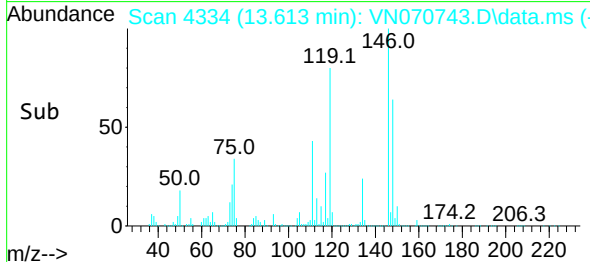
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



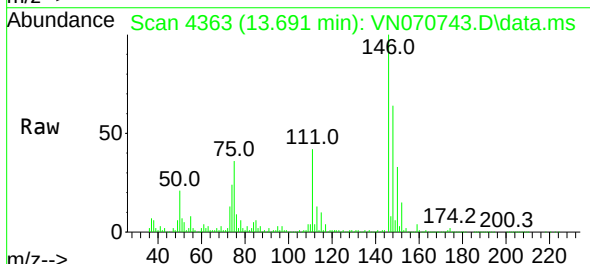
Tgt Ion:146 Resp: 79363
Ion Ratio Lower Upper
146 100
111 43.3 18.6 55.6
148 62.7 31.6 95.0

Manual Integrations
APPROVED

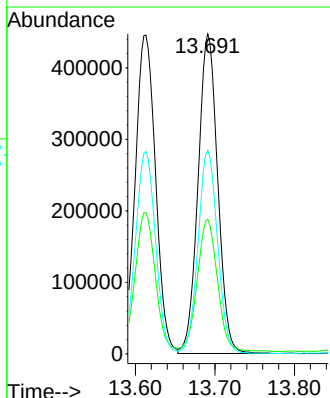
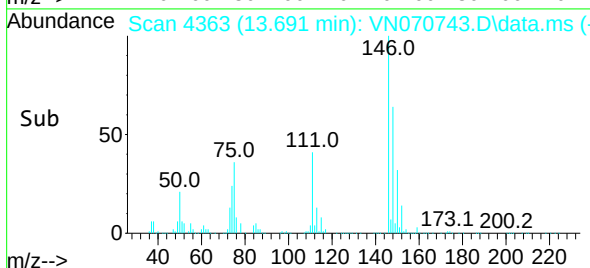
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

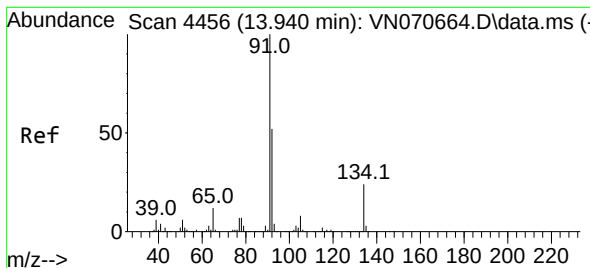


#88
1,4-Dichlorobenzene
Concen: 44.730 ug/l
RT: 13.691 min Scan# 4363
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13



Tgt Ion:146 Resp: 766019
Ion Ratio Lower Upper
146 100
111 41.9 18.3 54.8
148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 50.935 ug/l

RT: 13.940 min Scan# 4456

Delta R.T. 0.000 min

Lab File: VN070743.D

Acq: 21 Jan 2022 20:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1457519

Ion Ratio Lower Upper

91 100

92 52.1 25.4 76.0

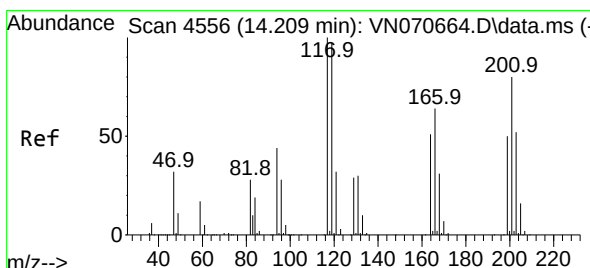
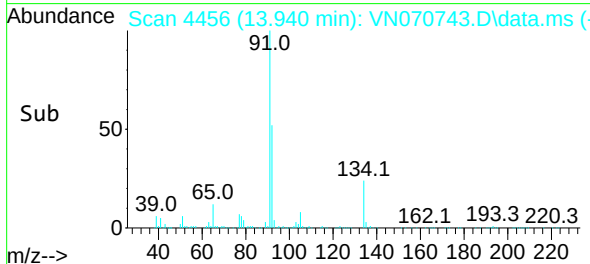
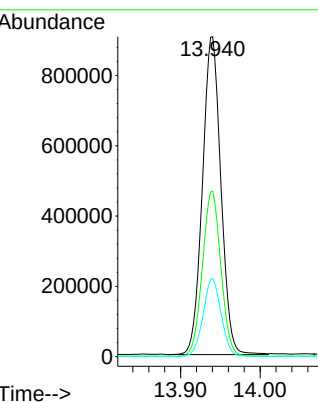
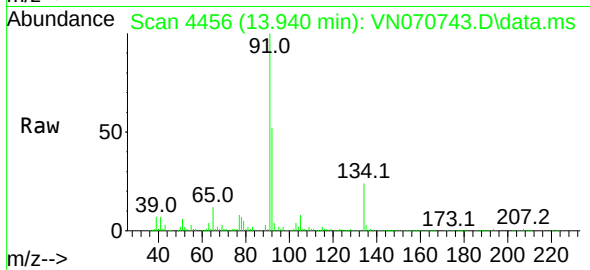
134 23.9 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#90

Hexachloroethane

Concen: 46.849 ug/l

RT: 14.209 min Scan# 4556

Delta R.T. -0.000 min

Lab File: VN070743.D

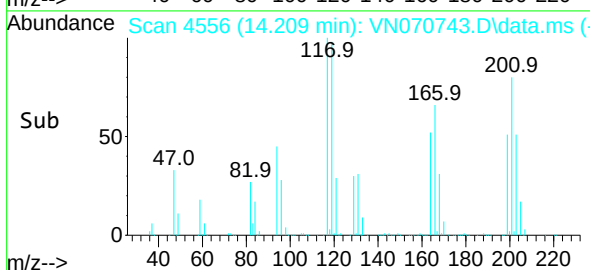
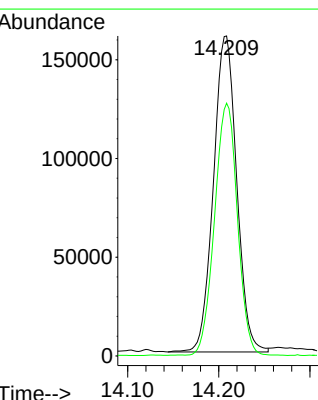
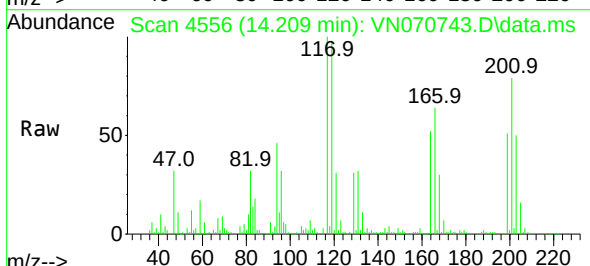
Acq: 21 Jan 2022 20:13

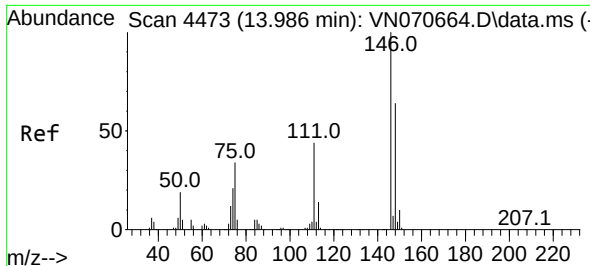
Tgt Ion:117 Resp: 284059

Ion Ratio Lower Upper

117 100

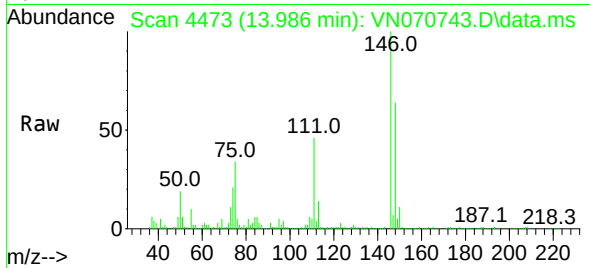
201 78.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 45.059 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

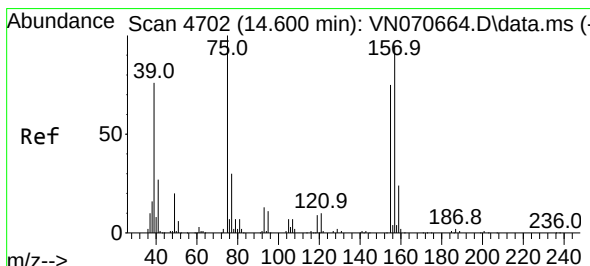
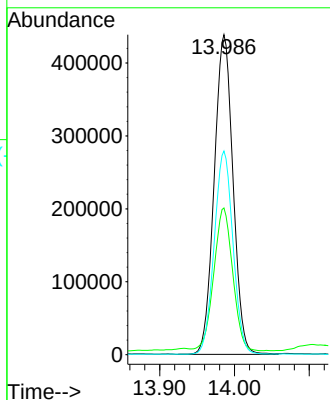
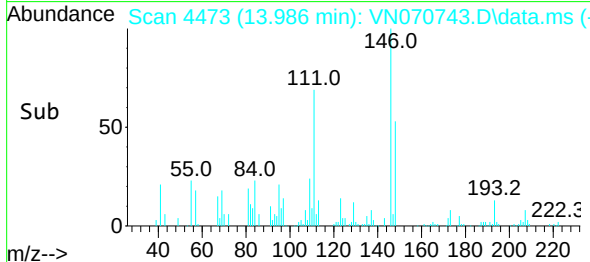
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 766083
Ion Ratio Lower Upper
146 100
111 44.8 19.1 57.3
148 63.4 32.1 96.3

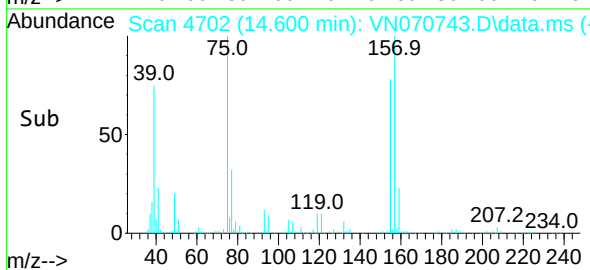
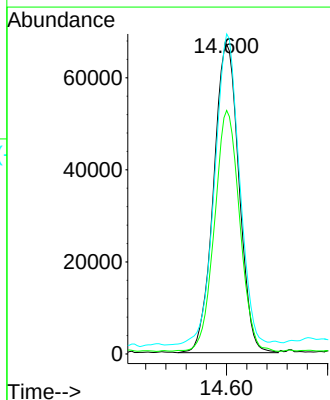
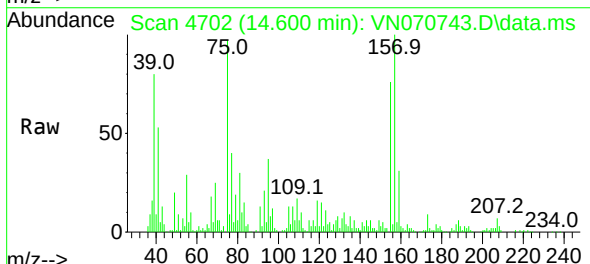
Manual Integrations
APPROVED

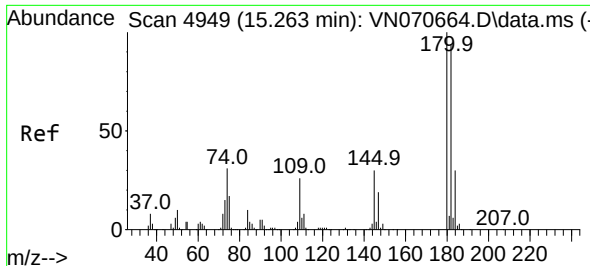
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.168 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

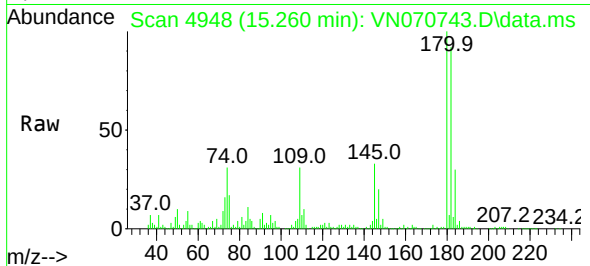
Tgt Ion: 75 Resp: 116744
Ion Ratio Lower Upper
75 100
155 77.0 46.9 140.7
157 98.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 45.351 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

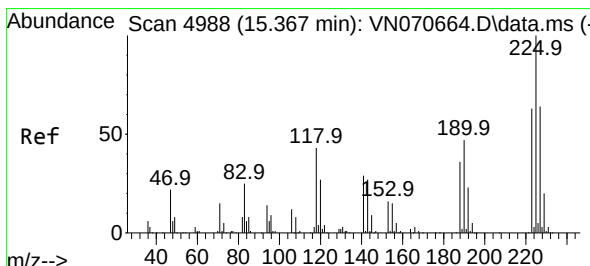
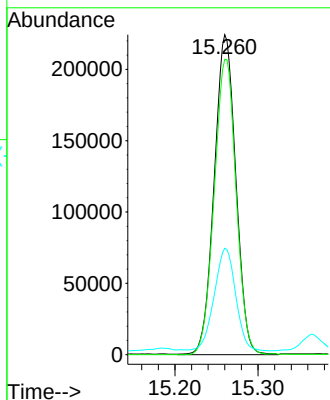
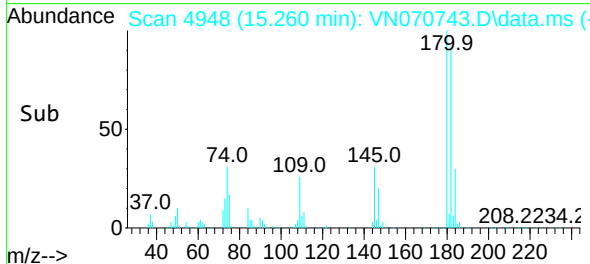
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 405549
Ion Ratio Lower Upper
180 100
182 93.4 48.3 144.9
145 31.9 14.5 43.5

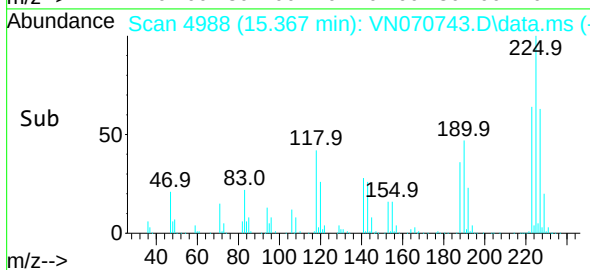
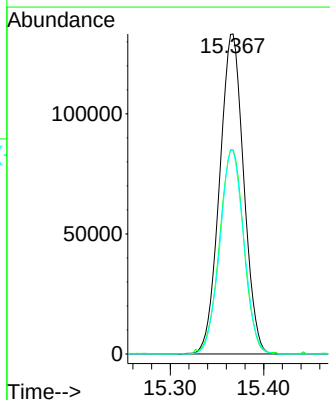
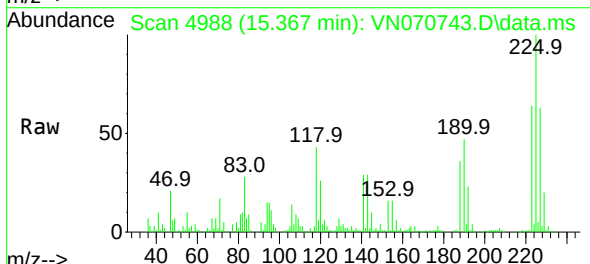
Manual Integrations
APPROVED

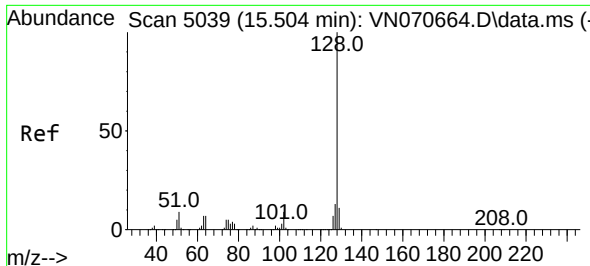
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#94
Hexachlorobutadiene
Concen: 47.394 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

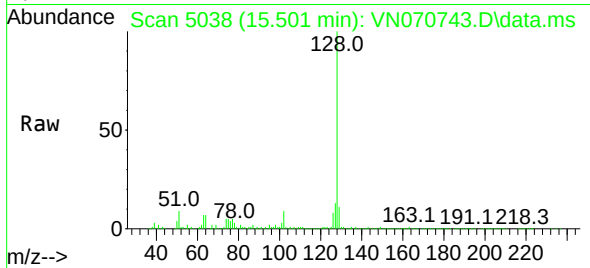
Tgt Ion:225 Resp: 238648
Ion Ratio Lower Upper
225 100
223 64.6 31.9 95.7
227 63.7 32.1 96.3





#95
Naphthalene
Concen: 43.791 ug/l
RT: 15.501 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

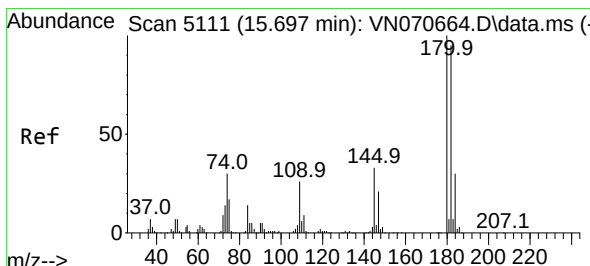
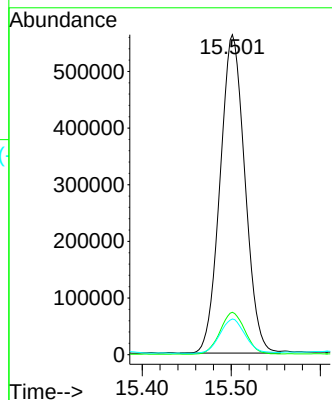
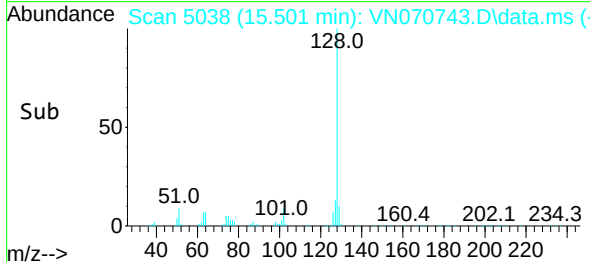
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 1090220
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 45.622 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. 0.000 min
Lab File: VN070743.D
Acq: 21 Jan 2022 20:13

Tgt Ion:180 Resp: 390350
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 32.8 15.0 45.1

