

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070708.D
 Acq On : 19 Jan 2022 18:45
 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 01/20/2022
 Supervised By : Mahesh Dadoda 01/20/2022

Quant Time: Jan 20 03:43:05 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	868991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1477267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1378657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	583804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	583237	46.831	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.660%		
35) Dibromofluoromethane	8.021	113	418819	45.705	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.420%		
50) Toluene-d8	10.440	98	1759501	45.579	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.160%		
62) 4-Bromofluorobenzene	12.731	95	640540	46.564	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	431807	43.002	ug/l	99
3) Chloromethane	2.303	50	628830	42.842	ug/l	100
4) Vinyl Chloride	2.446	62	608228	43.568	ug/l	100
5) Bromomethane	2.845	94	328355	45.160	ug/l	98
6) Chloroethane	3.014	64	367065	42.134	ug/l	98
7) Trichlorofluoromethane	3.373	101	704270	44.160	ug/l	98
8) Diethyl Ether	3.824	74	314161	45.096	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.205	101	407971	42.326	ug/l	95
10) Methyl Iodide	4.419	142	589009	47.389	ug/l	99
11) Tert butyl alcohol	5.380	59	591334	263.182	ug/l	98
12) 1,1-Dichloroethene	4.178	96	414238	43.089	ug/l	91
13) Acrolein	4.039	56	753166	233.726	ug/l	100
14) Allyl chloride	4.838	41	988715	47.202	ug/l #	83
15) Acrylonitrile	5.554	53	1756055	245.680	ug/l	99
16) Acetone	4.285	43	1712325	198.094	ug/l	97
17) Carbon Disulfide	4.527	76	1138178	43.593	ug/l	99
18) Methyl Acetate	4.857	43	790839	46.521	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1658009	48.278	ug/l	95
20) Methylene Chloride	5.095	84	512542	45.014	ug/l #	86
21) trans-1,2-Dichloroethene	5.594	96	441688	45.650	ug/l	85
22) Diisopropyl ether	6.498	45	1971823	47.494	ug/l #	90
23) Vinyl Acetate	6.434	43	8646111	245.671	ug/l	95
24) 1,1-Dichloroethane	6.385	63	949724	45.731	ug/l	97
25) 2-Butanone	7.335	43	2552553	234.672	ug/l	92
26) 2,2-Dichloropropane	7.324	77	723552	45.442	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	529397	46.060	ug/l	86
28) Bromochloromethane	7.657	49	450178	48.280	ug/l #	75
29) Tetrahydrofuran	7.686	42	1689144	253.621	ug/l	87
30) Chloroform	7.817	83	903072	44.474	ug/l	100
31) Cyclohexane	8.094	56	944690	43.077	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	752970	46.711	ug/l	98
36) 1,1-Dichloropropene	8.222	75	677435	43.913	ug/l	96
37) Ethyl Acetate	7.413	43	972466	47.482	ug/l	98
38) Carbon Tetrachloride	8.206	117	608604	44.347	ug/l	100
39) Methylcyclohexane	9.459	83	847946	44.524	ug/l	88
40) Benzene	8.459	78	2121507	44.383	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	512457	49.182	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	736384	44.429	ug/l	99
43) Isopropyl Acetate	8.560	43	1519342	48.569	ug/l #	95
44) Trichloroethene	9.215	130	476326	43.956	ug/l	90
45) 1,2-Dichloropropane	9.488	63	586719	45.114	ug/l	99
46) Dibromomethane	9.577	93	341525	45.163	ug/l	95
47) Bromodichloromethane	9.762	83	685966	44.376	ug/l	99
48) Methyl methacrylate	9.561	41	740873	49.714	ug/l #	79
49) 1,4-Dioxane	9.569	88	233735	1044.141	ug/l #	84
51) 4-Methyl-2-Pentanone	10.331	43	4896508	245.304	ug/l	99
52) Toluene	10.505	92	1307952	45.744	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	798387	42.947	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	861643	46.479	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	501487	44.646	ug/l	97
56) Ethyl methacrylate	10.760	69	930492	43.853	ug/l	89
57) 1,3-Dichloropropane	11.044	76	912718	45.900	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1353853	249.835	ug/l	90
59) 2-Hexanone	11.084	43	3658677	252.310	ug/l	97
60) Dibromochloromethane	11.237	129	487705	46.549	ug/l	100
61) 1,2-Dibromoethane	11.344	107	515409	45.702	ug/l	100
64) Tetrachloroethene	10.977	164	405961	40.161	ug/l	95
65) Chlorobenzene	11.768	112	1323082	44.294	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	467550	45.455	ug/l	99
67) Ethyl Benzene	11.843	91	2523908	45.575	ug/l	96
68) m/p-Xylenes	11.953	106	1841684	91.415	ug/l	91
69) o-Xylene	12.280	106	923894	46.210	ug/l	91
70) Styrene	12.294	104	1519027	47.492	ug/l	96
71) Bromoform	12.457	173	364920	46.967	ug/l #	100
73) Isopropylbenzene	12.578	105	2398554	43.428	ug/l	98
74) N-amyl acetate	12.388	43	1163293	51.514	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	822703	44.107	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	729061m	47.085	ug/l	
77) Bromobenzene	12.860	156	540723	43.666	ug/l	74
78) n-propylbenzene	12.919	91	2772542	44.887	ug/l	96
79) 2-Chlorotoluene	13.007	91	1699267	43.490	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2000467	44.789	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.624	75	251172	48.326	ug/l	93
82) 4-Chlorotoluene	13.104	91	1641512	44.965	ug/l	91
83) tert-Butylbenzene	13.324	119	1719570	44.229	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	1947039	45.351	ug/l	97
85) sec-Butylbenzene	13.501	105	2416927	45.727	ug/l	96
86) p-Isopropyltoluene	13.613	119	1925660	46.377	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	922417	44.779	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	900058	43.905	ug/l	97
89) n-Butylbenzene	13.943	91	1629394	47.568	ug/l	97
90) Hexachloroethane	14.209	117	325435	44.838	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	900415	44.242	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	153789	48.605	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	469947	44.011	ug/l	98
94) Hexachlorobutadiene	15.370	225	273873	45.436	ug/l	98
95) Naphthalene	15.504	128	1398544	46.574	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	462749	45.212	ug/l	98

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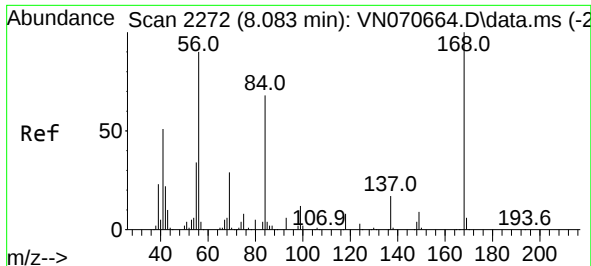
Manual Integrations
APPROVED

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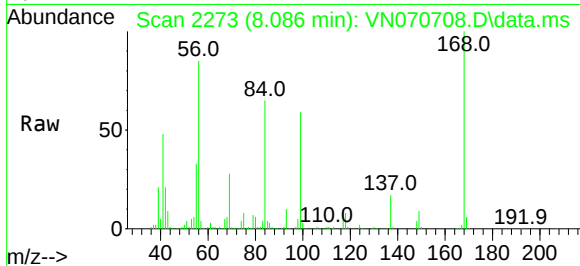
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070708.D
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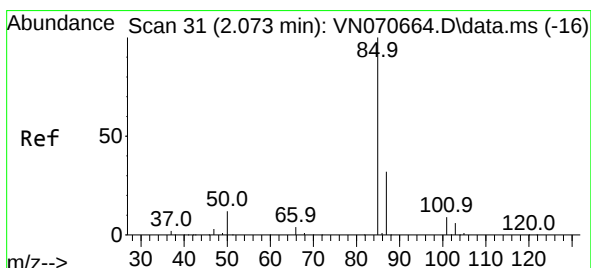
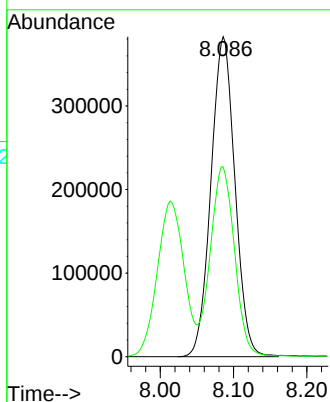
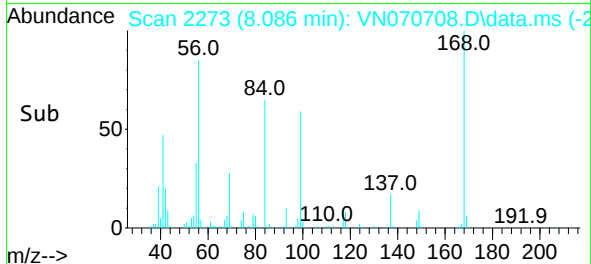
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion:168 Resp: 86899
Ion Ratio Lower Upper
168 100
99 59.0 41.3 61.9

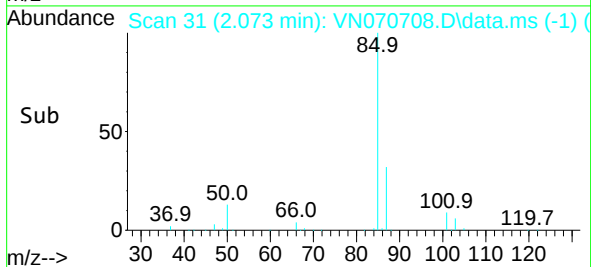
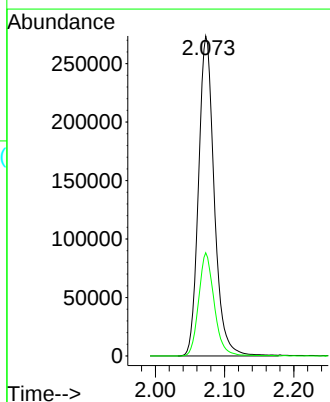
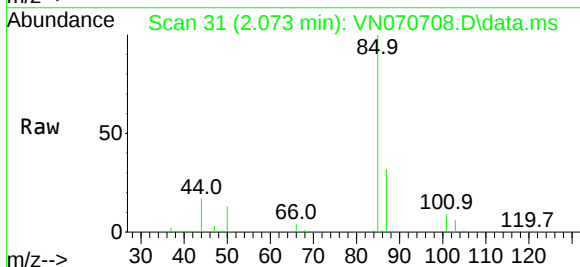
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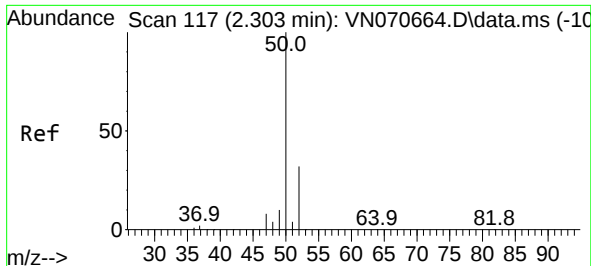
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#2
Dichlorodifluoromethane
Concen: 43.002 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

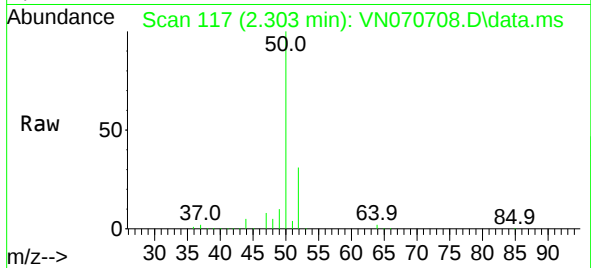
Tgt Ion: 85 Resp: 431807
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





#3
Chloromethane
Concen: 42.842 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

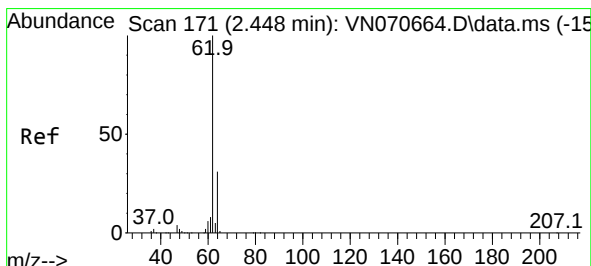
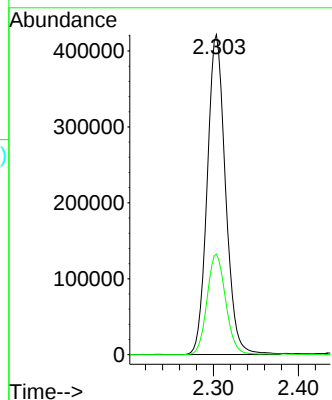
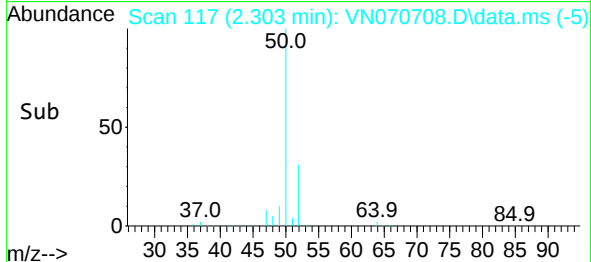
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Tgt Ion: 50 Resp: 628830
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.0

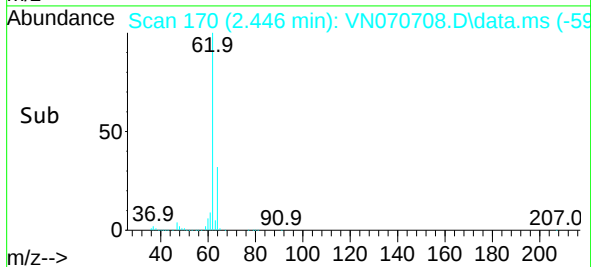
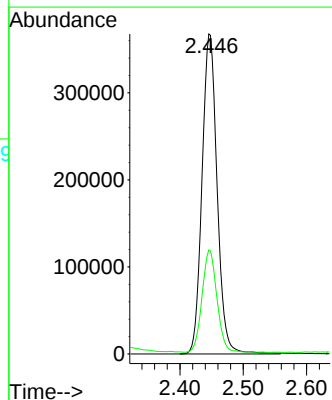
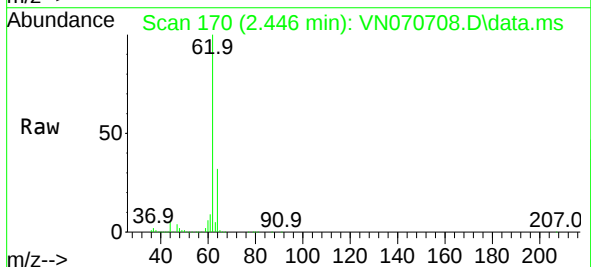
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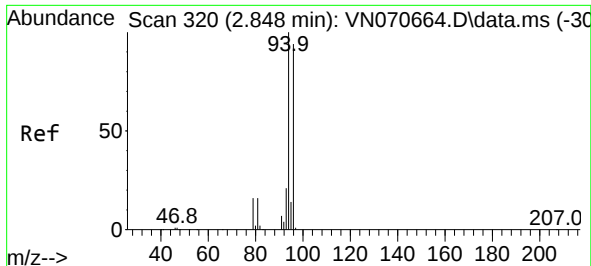
Reviewed By :John Carlone 01/20/2022
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#4
Vinyl Chloride
Concen: 43.568 ug/l
RT: 2.446 min Scan# 170
Delta R.T. -0.002 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

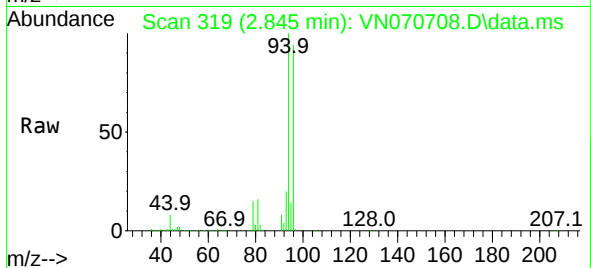
Tgt Ion: 62 Resp: 608228
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 45.160 ug/l
RT: 2.845 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

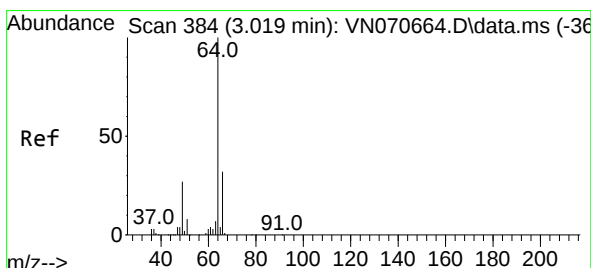
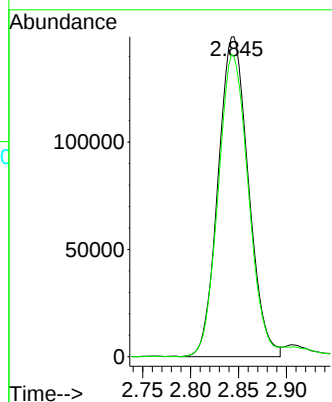
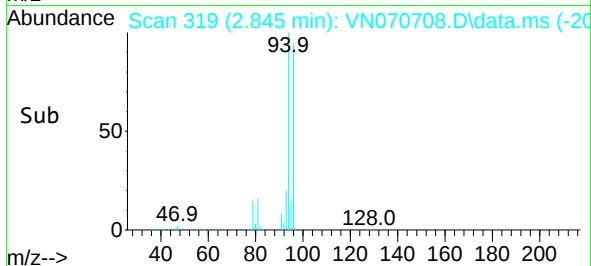
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Tgt Ion: 94 Resp: 32835
Ion Ratio Lower Upper
94 100
96 94.0 73.8 110.8

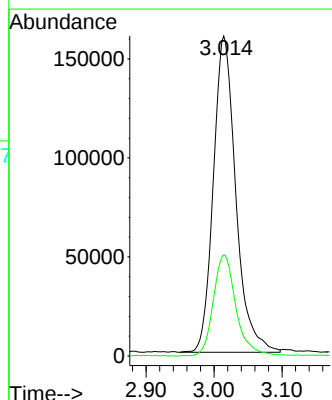
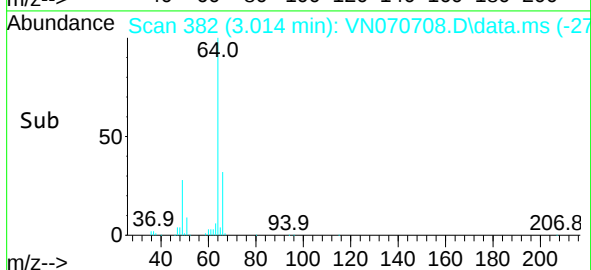
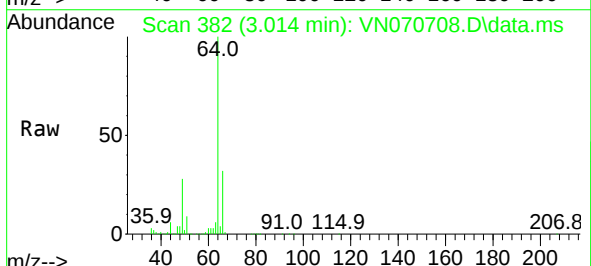
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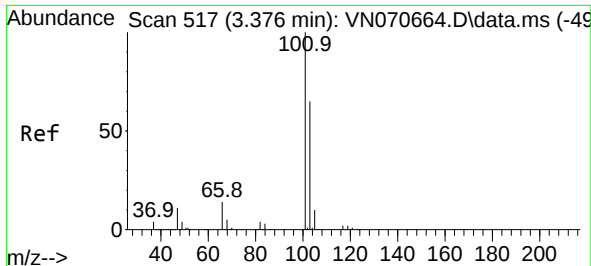
Reviewed By :John Carlone 01/20/2022
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#6
Chloroethane
Concen: 42.134 ug/l
RT: 3.014 min Scan# 382
Delta R.T. -0.005 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

Tgt Ion: 64 Resp: 367065
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5





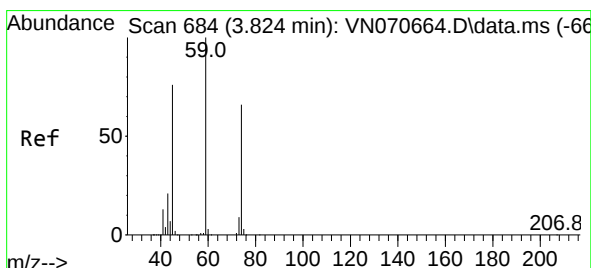
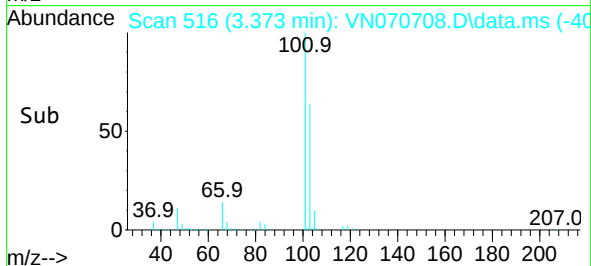
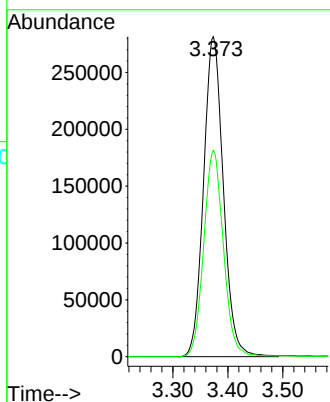
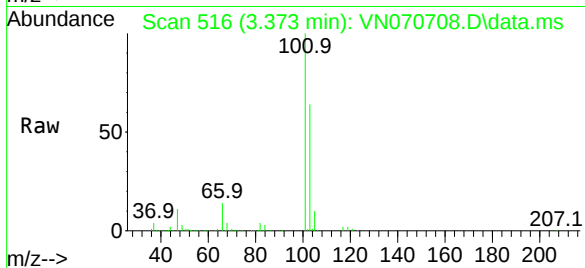
#7
Trichlorofluoromethane
Concen: 44.160 ug/l
RT: 3.373 min Scan# 517
Delta R.T. -0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 704270
Ion Ratio Lower Upper
101 100
103 64.4 50.1 75.1

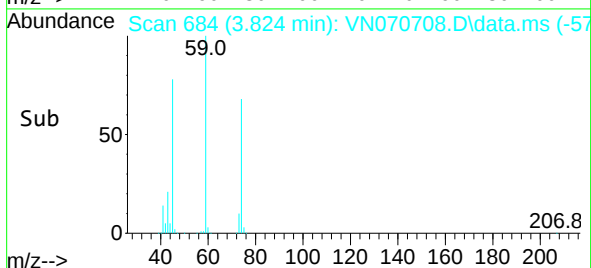
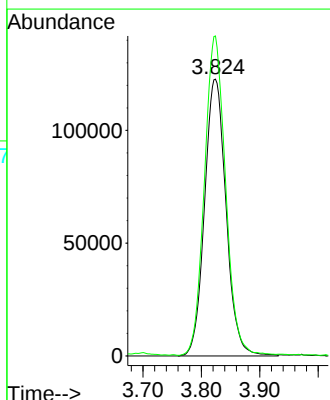
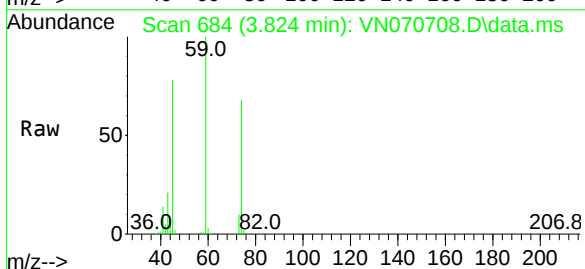
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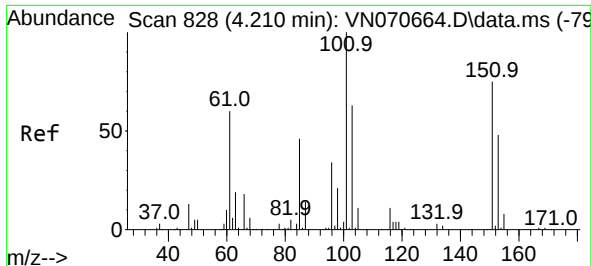
Reviewed By :John Carlone 01/20/2022
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#8
Diethyl Ether
Concen: 45.096 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

Tgt Ion: 74 Resp: 314161
Ion Ratio Lower Upper
74 100
45 113.3 47.0 141.2





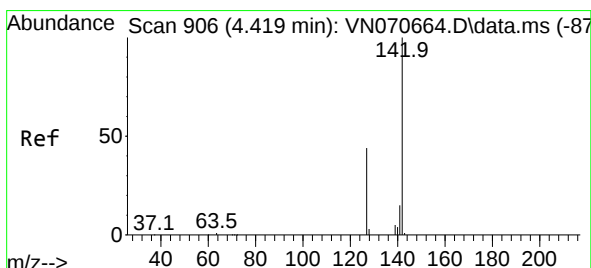
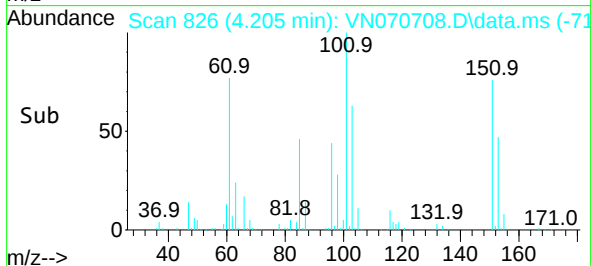
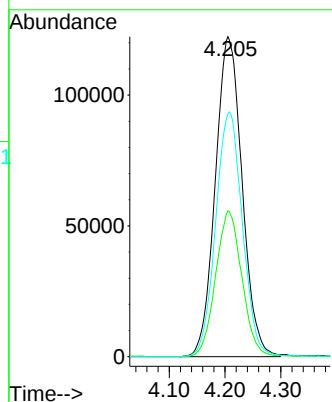
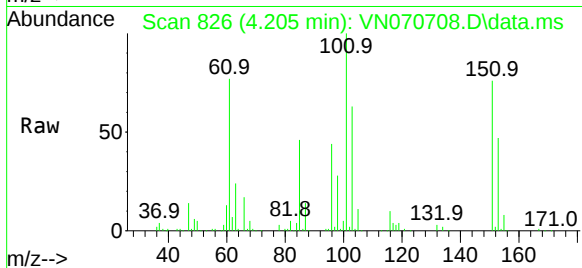
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.326 ug/l
RT: 4.205 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 40797
Ion Ratio Lower Upper
101 100
85 44.7 37.2 55.8
151 76.4 65.9 98.9

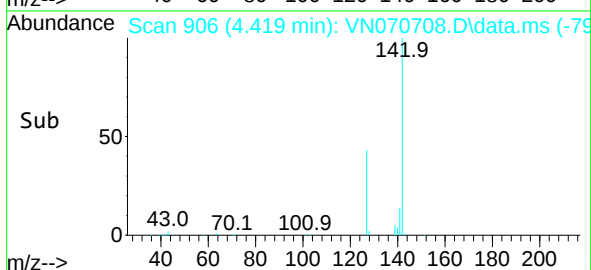
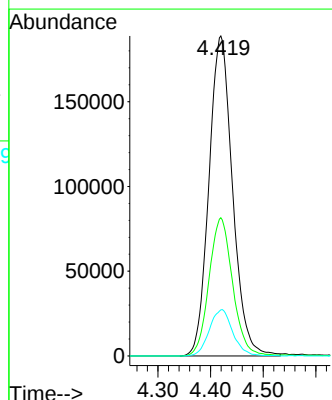
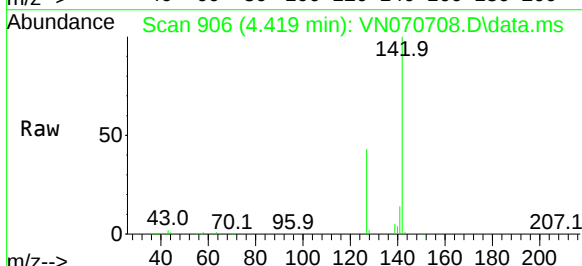
Manual Integrations
APPROVED

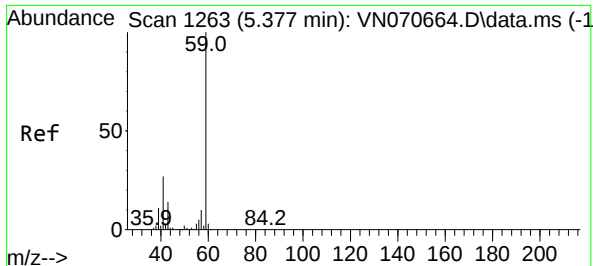
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#10
Methyl Iodide
Concen: 47.389 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

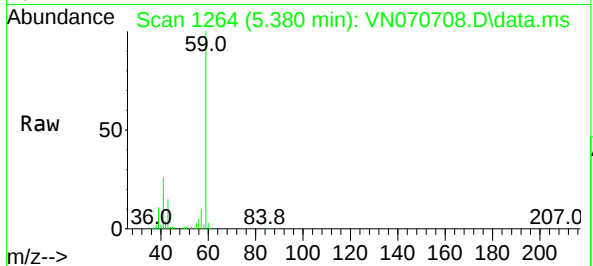
Tgt Ion:142 Resp: 589009
Ion Ratio Lower Upper
142 100
127 43.1 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 263.182 ug/l
RT: 5.380 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

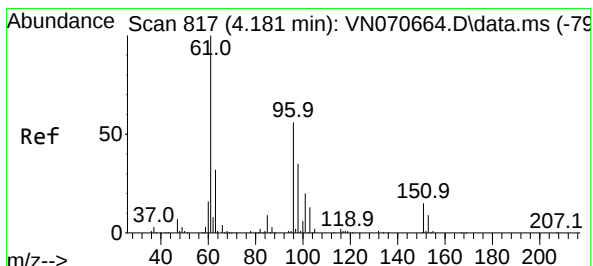
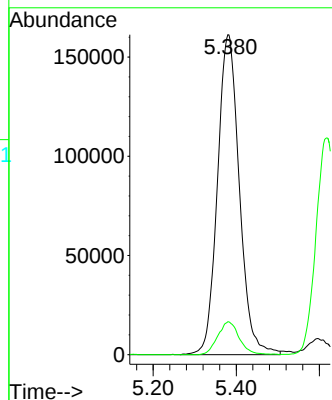
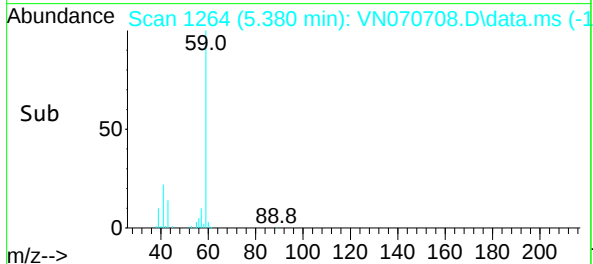
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



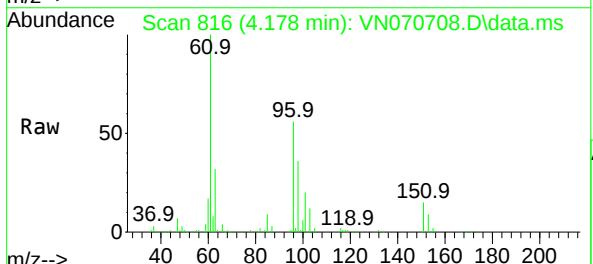
Tgt Ion: 59 Resp: 591334
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

Manual Integrations
APPROVED

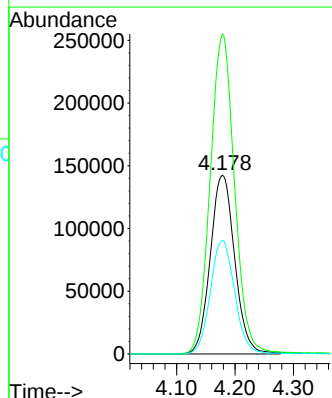
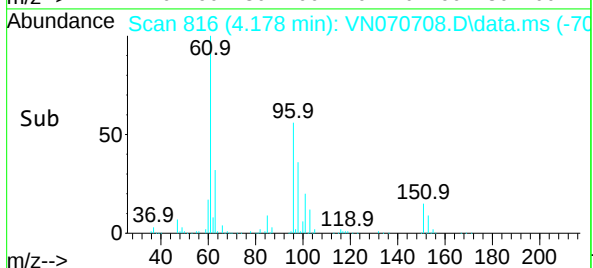
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

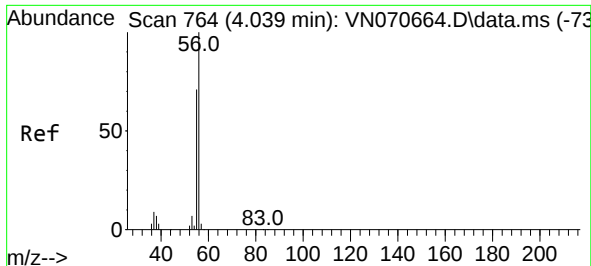


#12
1,1-Dichloroethene
Concen: 43.089 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



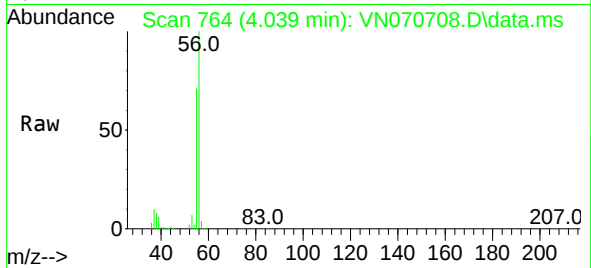
Tgt Ion: 96 Resp: 414238
Ion Ratio Lower Upper
96 100
61 179.0 131.0 196.6
98 63.6 52.4 78.6





#13
Acrolein
Concen: 233.726 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

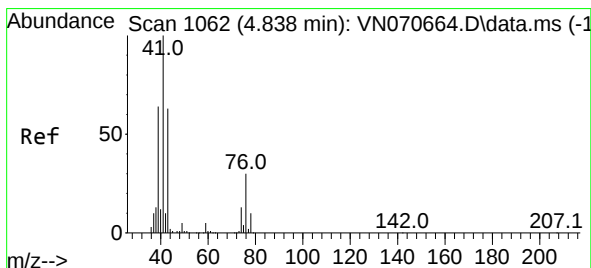
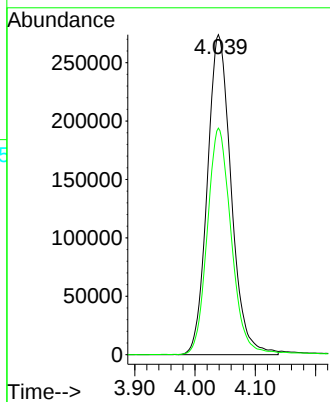
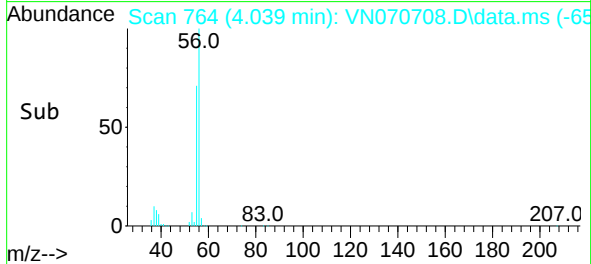
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



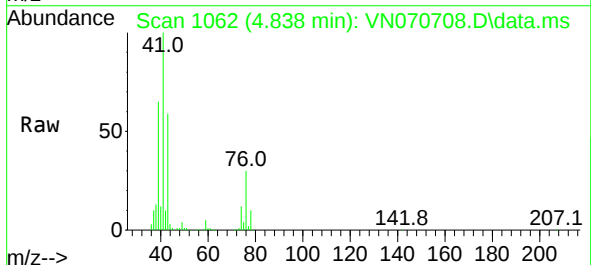
Tgt Ion: 56 Resp: 75316
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0

Manual Integrations
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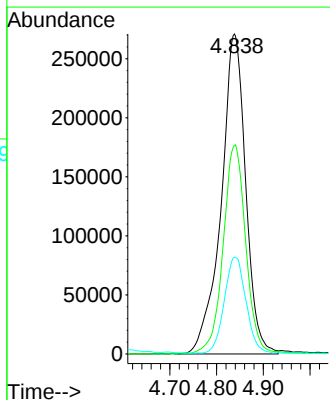
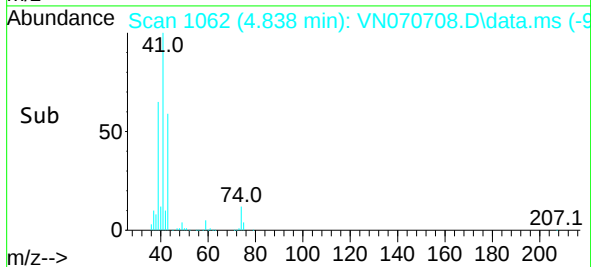
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

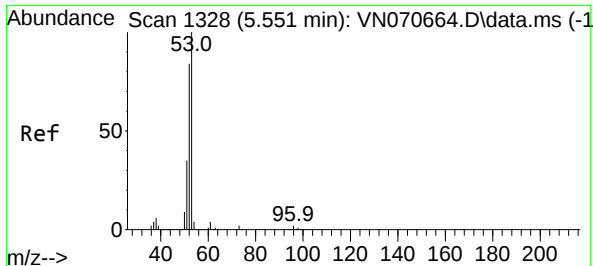


#14
Allyl chloride
Concen: 47.202 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



Tgt Ion: 41 Resp: 988715
Ion Ratio Lower Upper
41 100
39 59.9 61.2 91.8#
76 26.2 26.0 39.0





#15

Acrylonitrile

Concen: 245.680 ug/l

RT: 5.554 min Scan# 1328

Delta R.T. 0.003 min

Lab File: VN070708.D

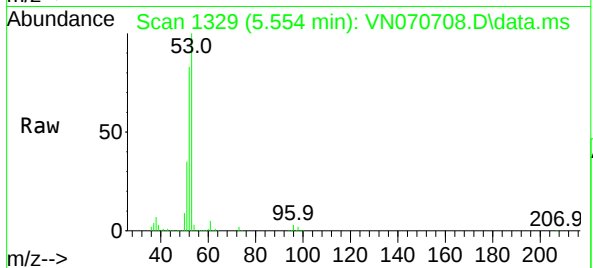
Acq: 19 Jan 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 53 Resp: 175605

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.2

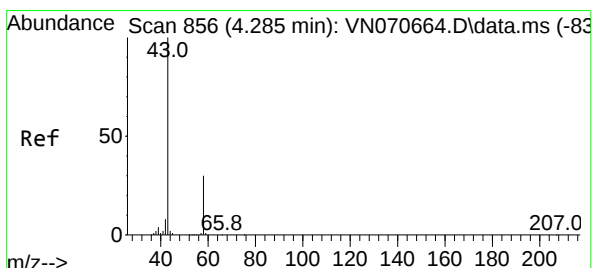
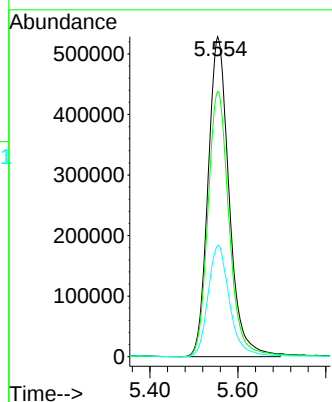
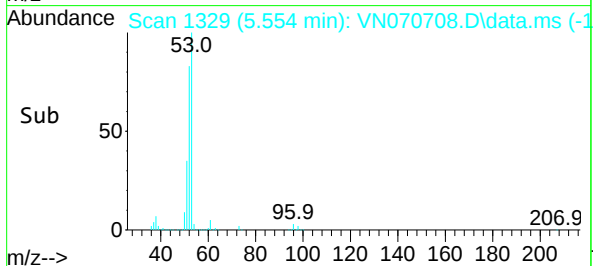
51 35.6 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#16

Acetone

Concen: 198.094 ug/l

RT: 4.285 min Scan# 856

Delta R.T. 0.000 min

Lab File: VN070708.D

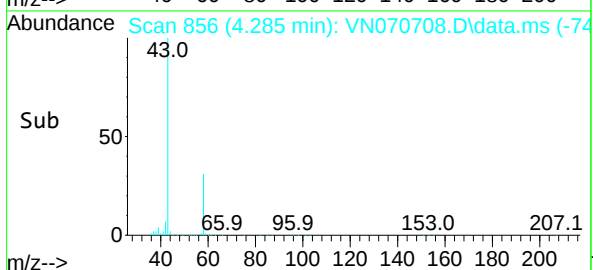
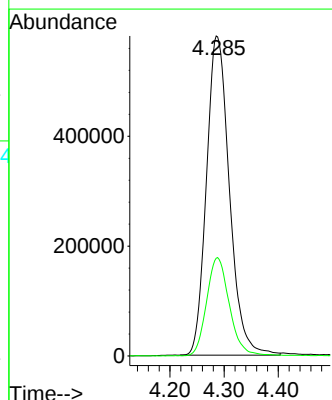
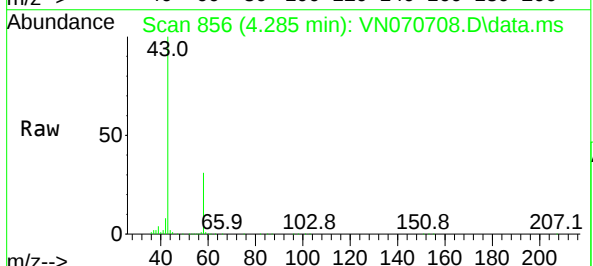
Acq: 19 Jan 2022 18:45

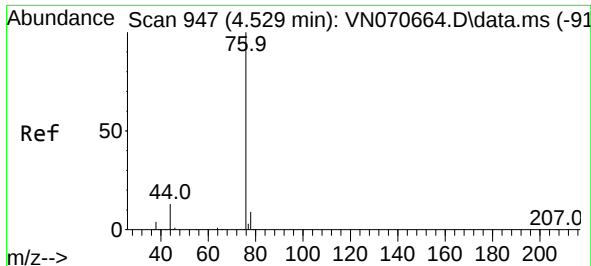
Tgt Ion: 43 Resp: 1712325

Ion Ratio Lower Upper

43 100

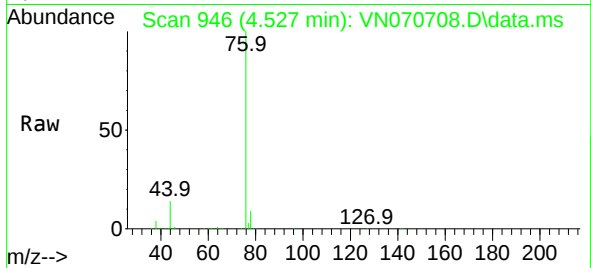
58 30.5 23.1 34.7





#17
Carbon Disulfide
Concen: 43.593 ug/l
RT: 4.527 min Scan# 947
Delta R.T. -0.002 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

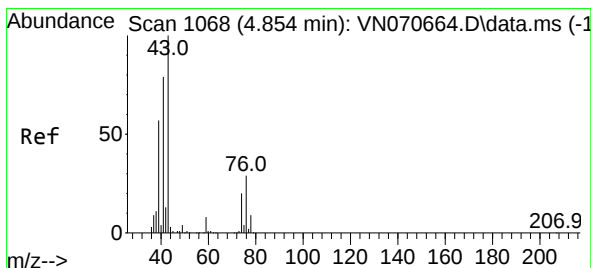
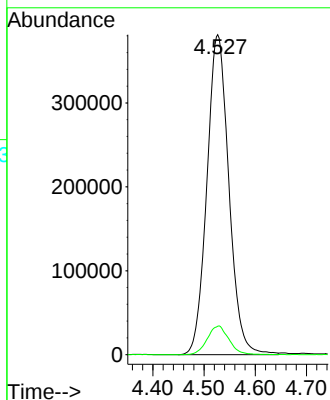
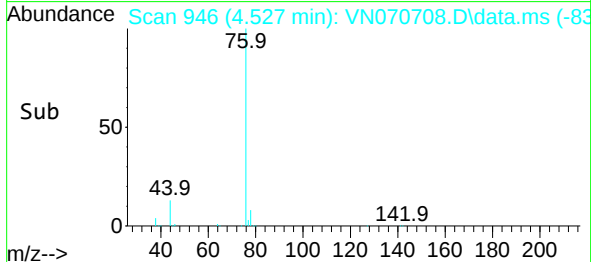
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



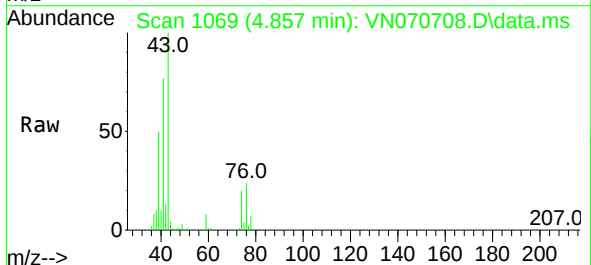
Tgt Ion: 76 Resp: 1138178
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

Manual Integrations
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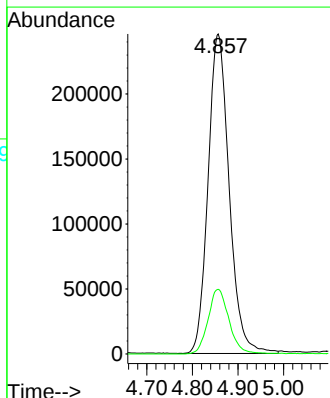
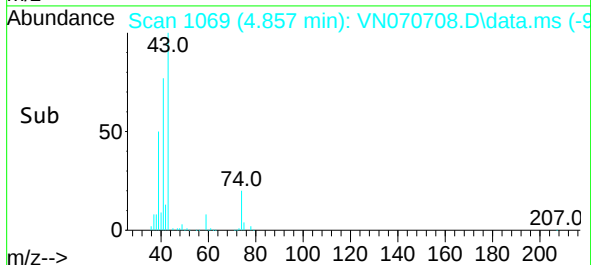
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

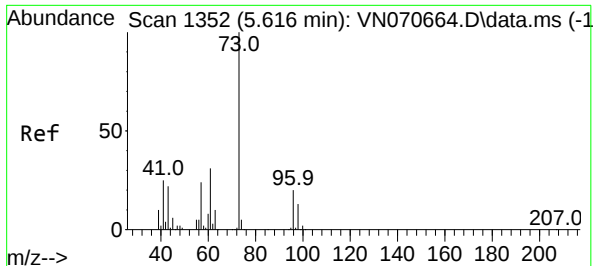


#18
Methyl Acetate
Concen: 46.521 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



Tgt Ion: 43 Resp: 790839
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





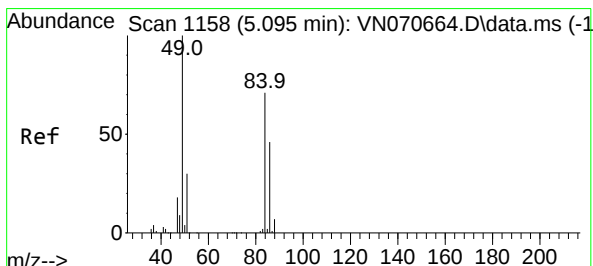
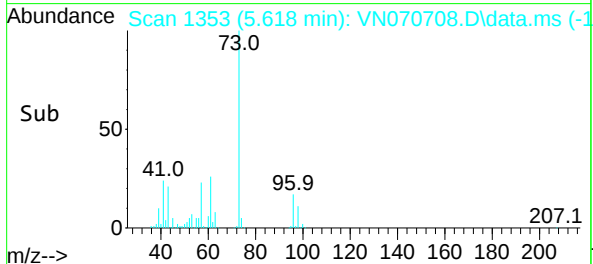
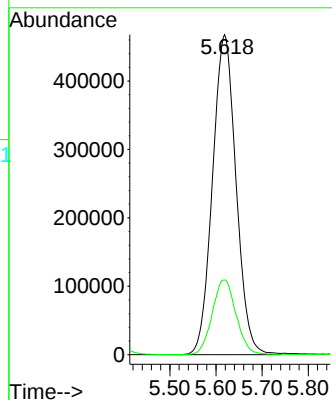
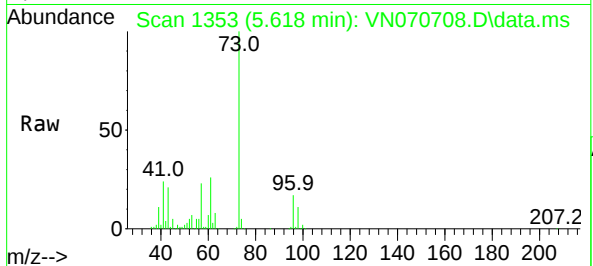
#19
Methyl tert-butyl Ether
Concen: 48.278 ug/l
RT: 5.618 min Scan# 11353
Delta R.T. 0.002 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 1658009
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

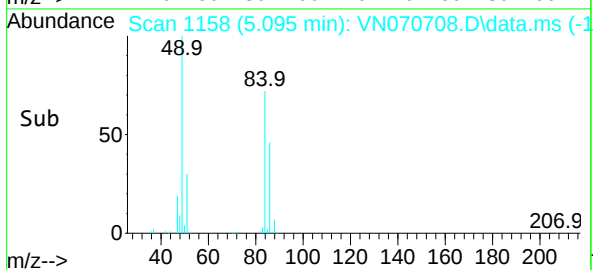
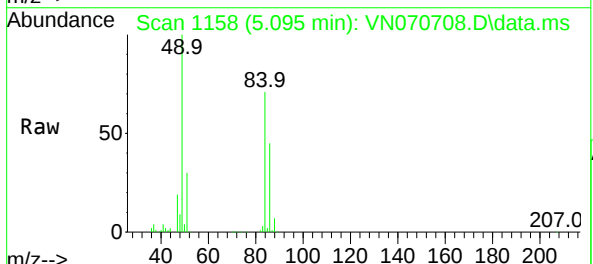
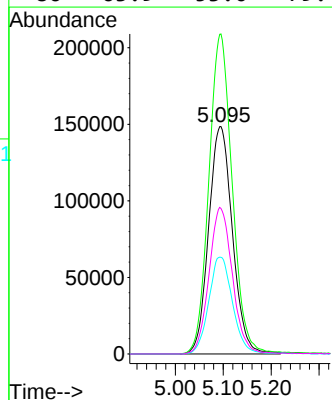
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#20
Methylene Chloride
Concen: 45.014 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

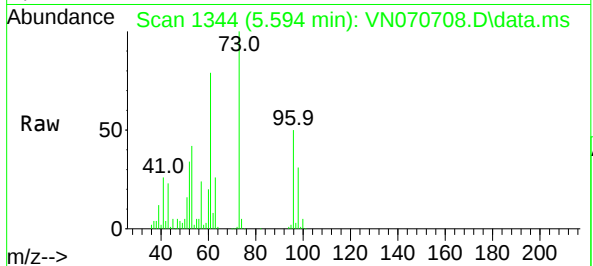
Tgt Ion: 84 Resp: 512542
Ion Ratio Lower Upper
84 100
49 140.7 93.5 140.3#
51 42.5 29.4 44.2
86 63.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 45.650 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

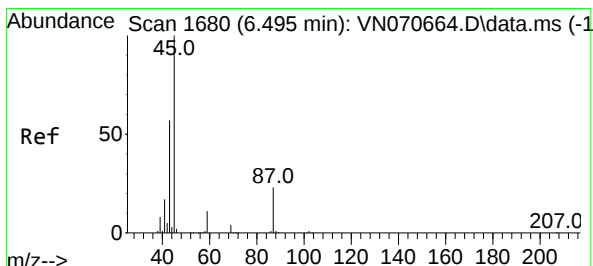
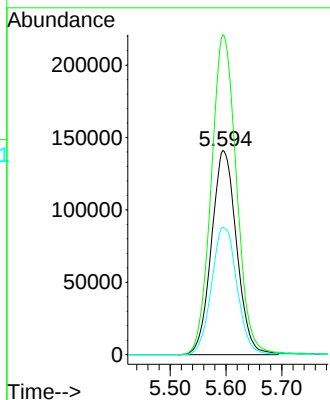
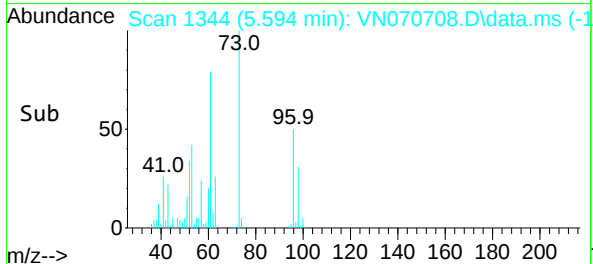
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



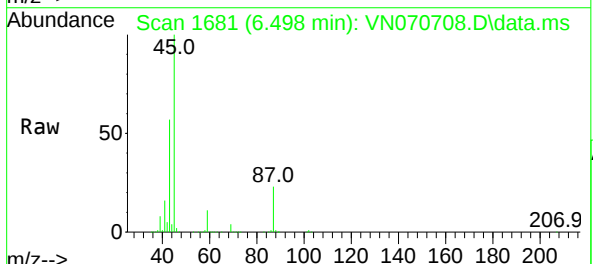
Tgt Ion: 96 Resp: 441688
Ion Ratio Lower Upper
96 100
61 156.8 105.8 158.6
98 62.4 52.0 78.0

Manual Integrations
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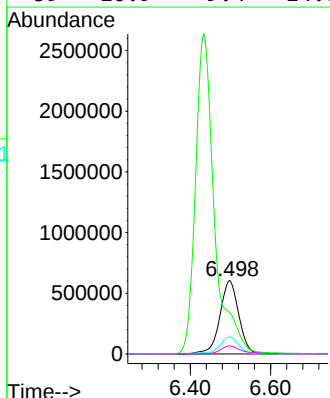
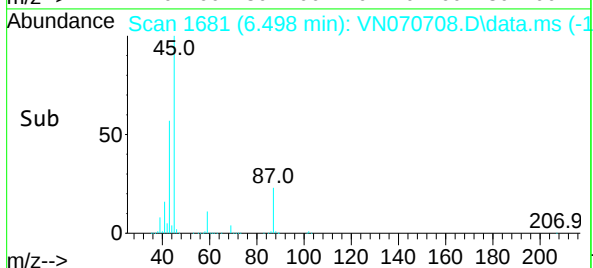
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

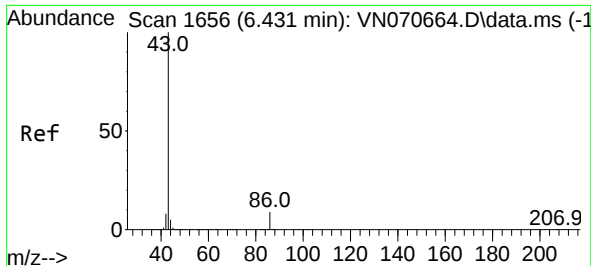


#22
Diisopropyl ether
Concen: 47.494 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



Tgt Ion: 45 Resp: 1971823
Ion Ratio Lower Upper
45 100
43 55.8 51.7 77.5
87 23.2 23.2 34.8#
59 10.9 9.4 14.0





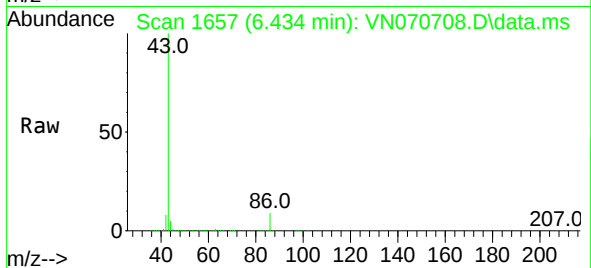
#23
 Vinyl Acetate
 Concen: 245.671 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. 0.003 min
 Lab File: VN070708.D
 Acq: 19 Jan 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



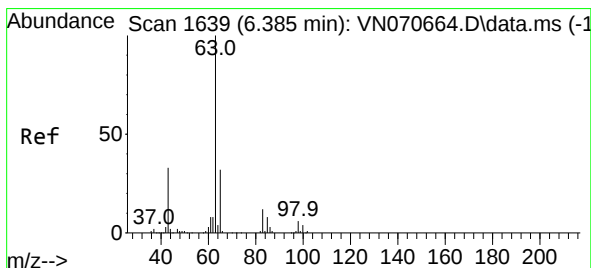
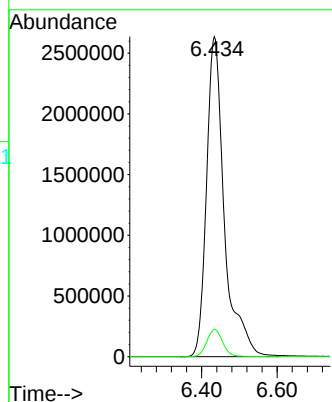
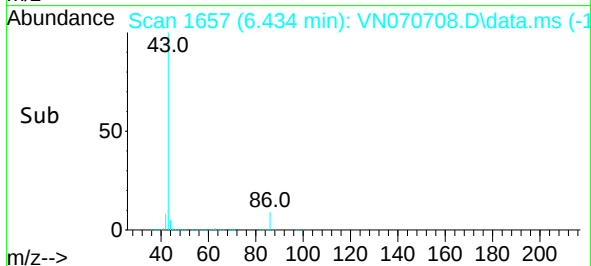
Tgt Ion: 43 Resp: 864611
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

Manual Integrations

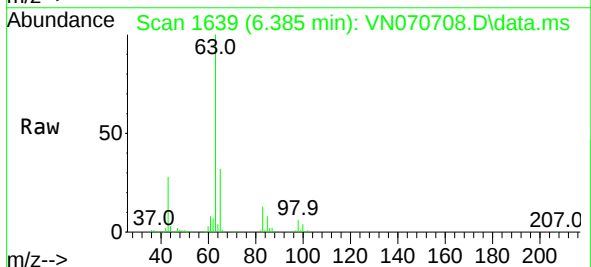
APPROVED

Reviewed By :John Carlone 01/20/2022

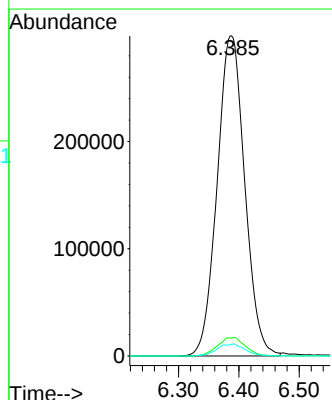
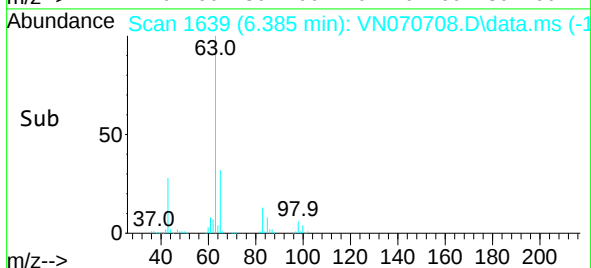
Supervised By :Mahesh Dadoda 01/20/2022

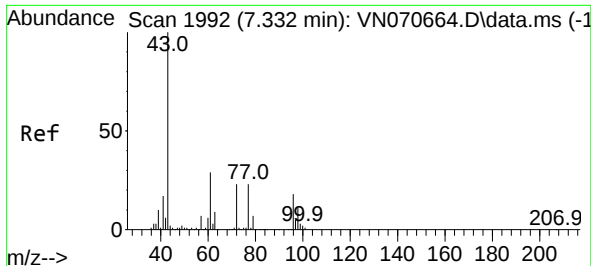


#24
 1,1-Dichloroethane
 Concen: 45.731 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN070708.D
 Acq: 19 Jan 2022 18:45



Tgt Ion: 63 Resp: 949724
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 234.672 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. 0.003 min

Lab File: VN070708.D

Acq: 19 Jan 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 255255

Ion Ratio Lower Upper

43 100

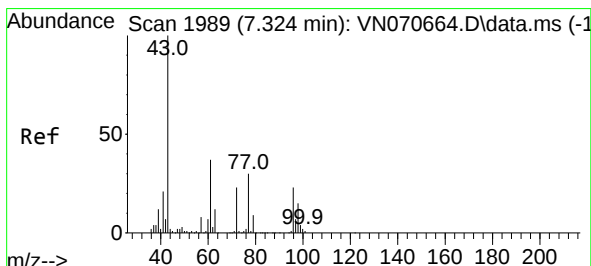
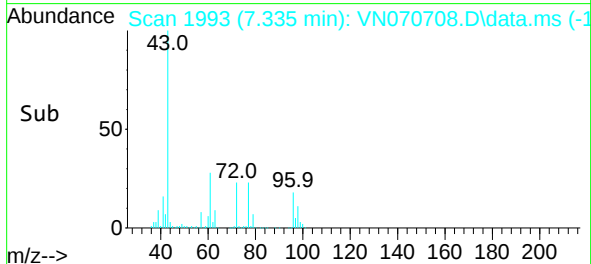
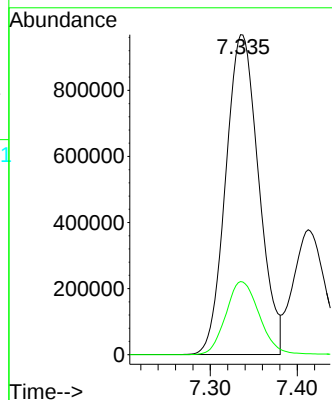
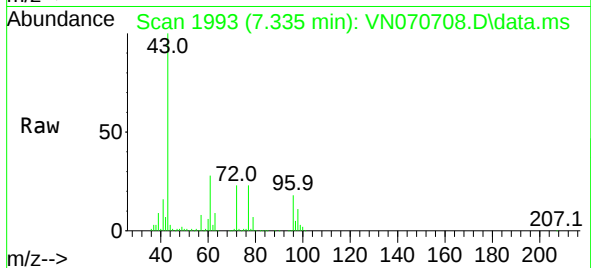
72 22.9 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#26

2,2-Dichloropropane

Concen: 45.442 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VN070708.D

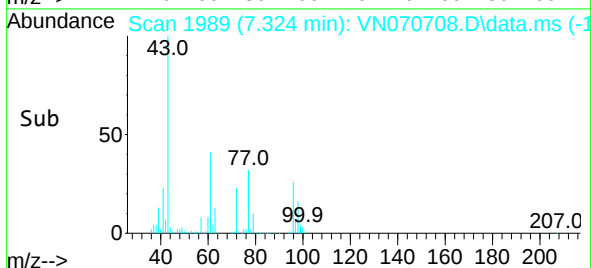
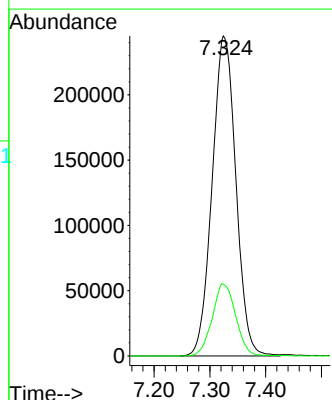
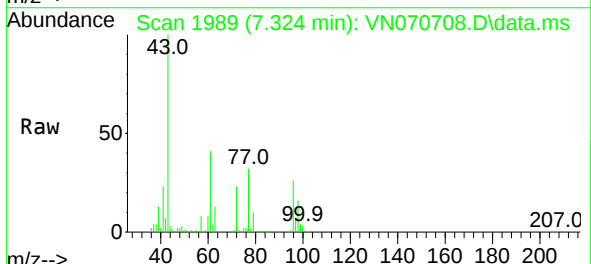
Acq: 19 Jan 2022 18:45

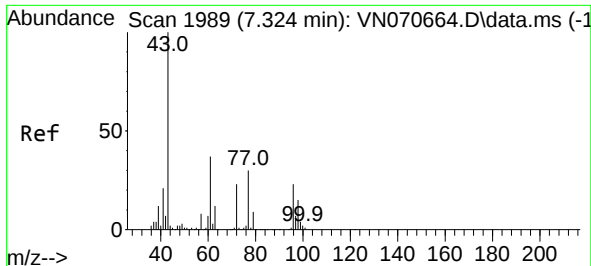
Tgt Ion: 77 Resp: 723552

Ion Ratio Lower Upper

77 100

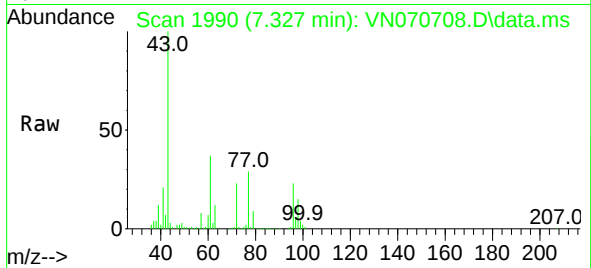
97 22.3 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 46.060 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN070708.D
 Acq: 19 Jan 2022 18:45

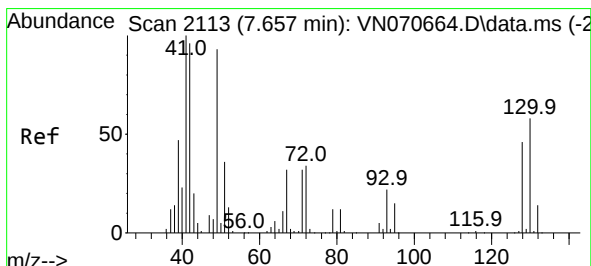
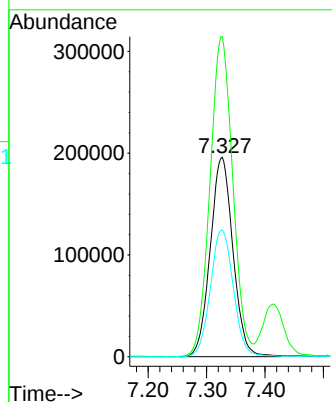
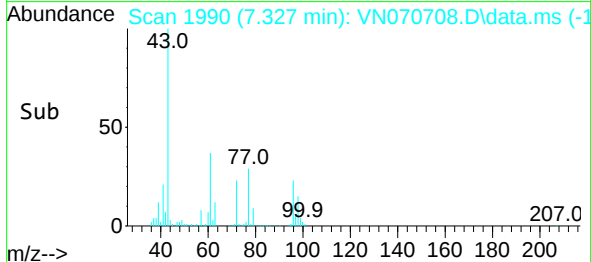
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 529397
 Ion Ratio Lower Upper
 96 100
 61 161.1 0.0 275.0
 98 64.2 0.0 129.6

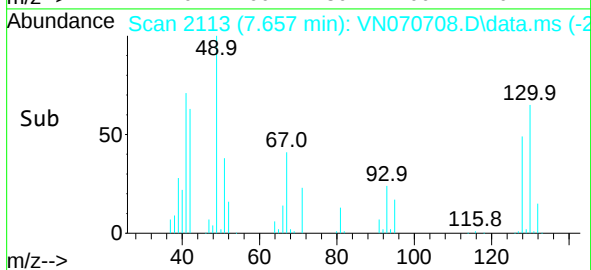
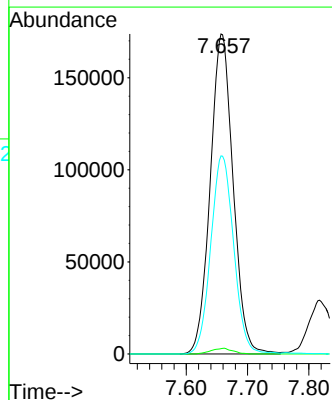
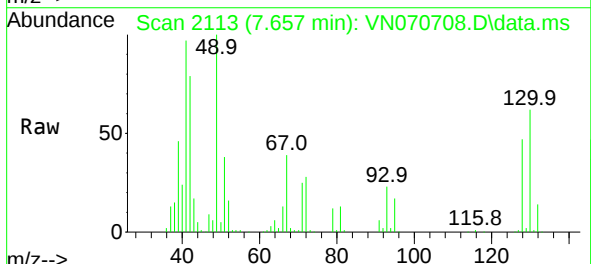
Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/20/2022
 Supervised By :Mahesh Dadoda 01/20/2022



#28
 Bromochloromethane
 Concen: 48.280 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VN070708.D
 Acq: 19 Jan 2022 18:45

Tgt Ion: 49 Resp: 450178
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 62.0 67.8 101.8#





#29

Tetrahydrofuran

Concen: 253.621 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VN070708.D

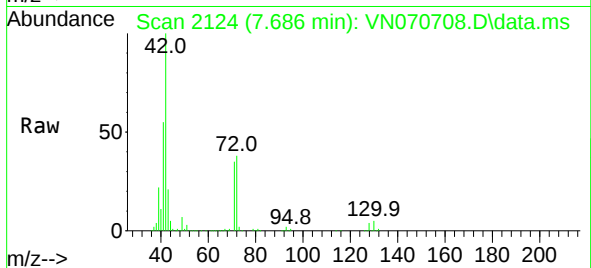
Acq: 19 Jan 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 168914

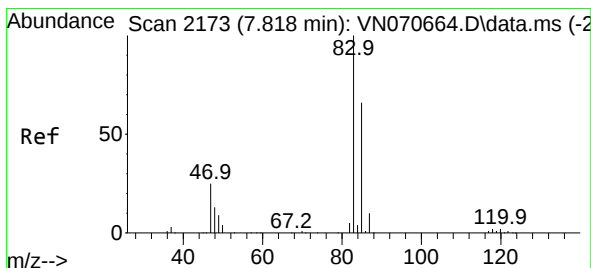
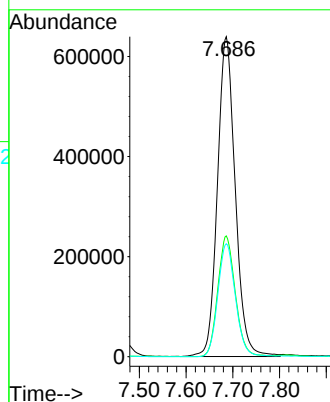
Ion	Ratio	Lower	Upper
42	100		
72	37.0	36.3	54.5
71	35.0	34.7	52.1

Manual Integrations

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Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#30

Chloroform

Concen: 44.474 ug/l

RT: 7.817 min Scan# 2173

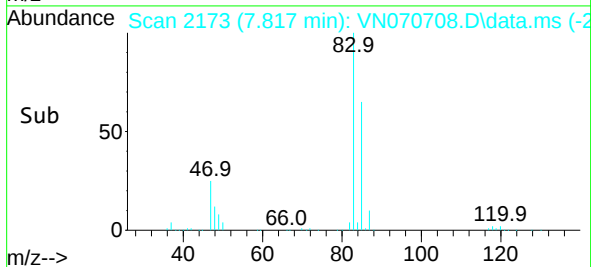
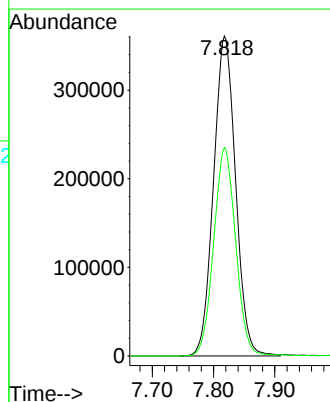
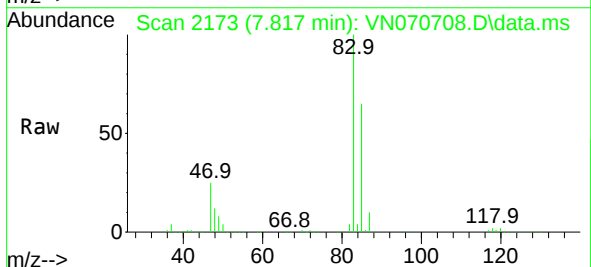
Delta R.T. -0.000 min

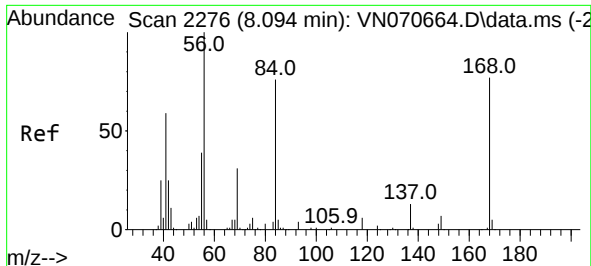
Lab File: VN070708.D

Acq: 19 Jan 2022 18:45

Tgt Ion: 83 Resp: 903072

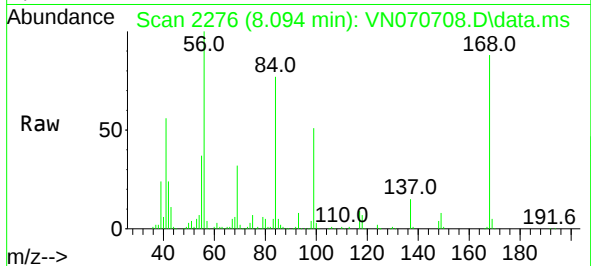
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.9	77.9





#31
Cyclohexane
Concen: 43.077 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

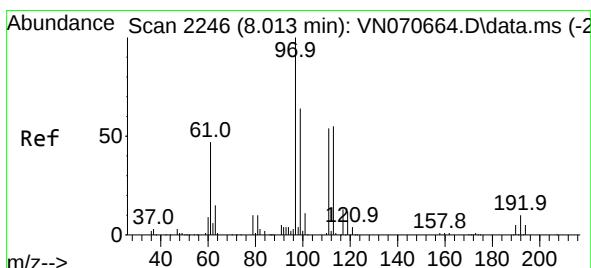
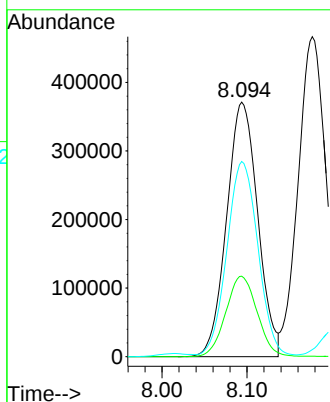
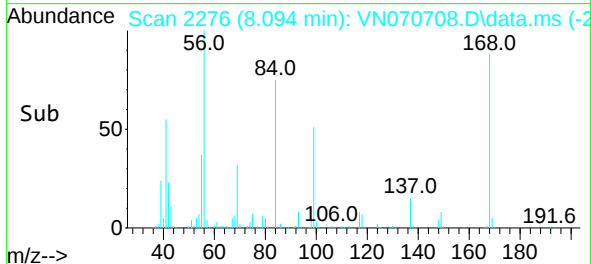
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



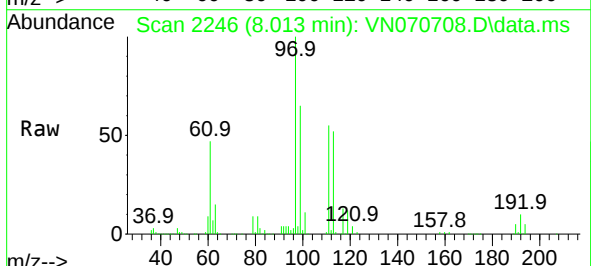
Tgt Ion: 56 Resp: 944690
Ion Ratio Lower Upper
56 100
69 31.6 27.1 40.7
84 75.5 73.4 110.0

Manual Integrations
APPROVED

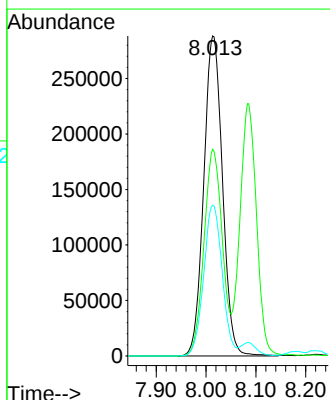
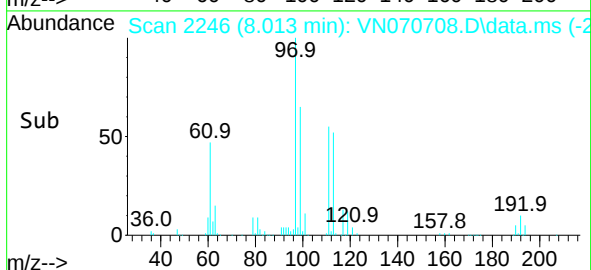
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

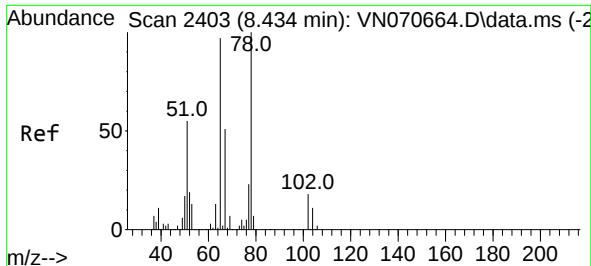


#32
1,1,1-Trichloroethane
Concen: 46.711 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



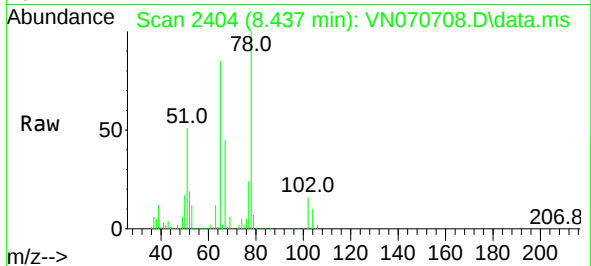
Tgt Ion: 97 Resp: 752970
Ion Ratio Lower Upper
97 100
99 63.3 50.1 75.1
61 46.6 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 46.831 ug/l
 RT: 8.437 min Scan# 2403
 Delta R.T. 0.003 min
 Lab File: VN070708.D
 Acq: 19 Jan 2022 18:45

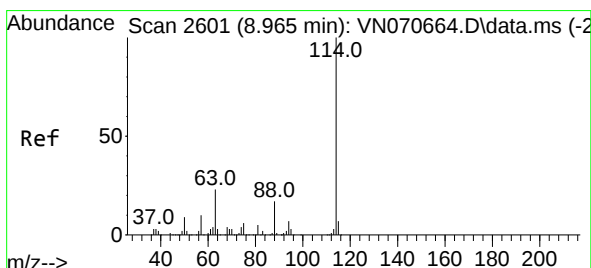
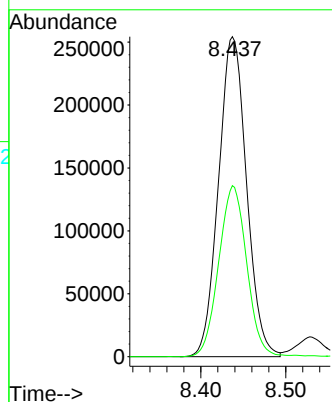
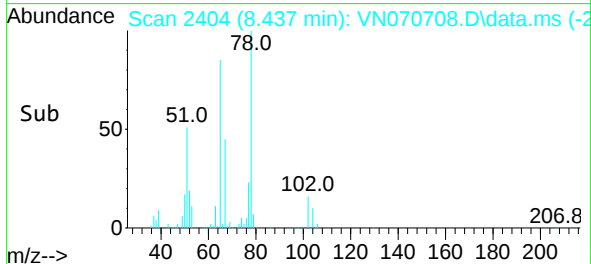
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



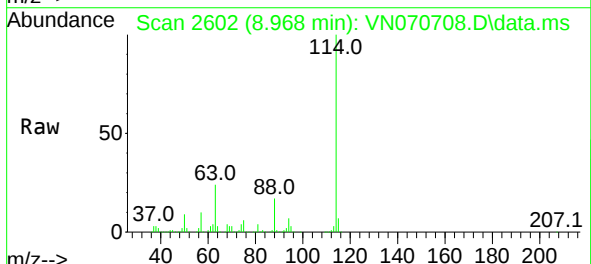
Tgt Ion: 65 Resp: 58323
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 103.0

Manual Integrations
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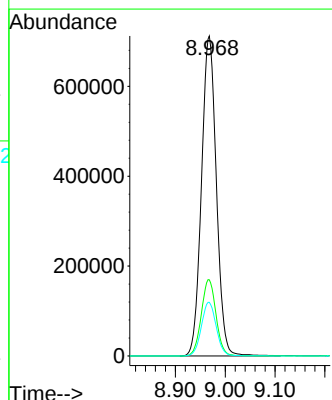
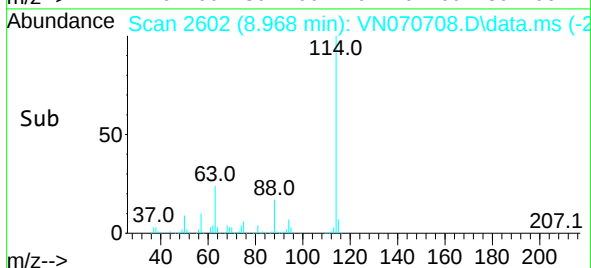
Reviewed By :John Carlone 01/20/2022
 Supervised By :Mahesh Dadoda 01/20/2022

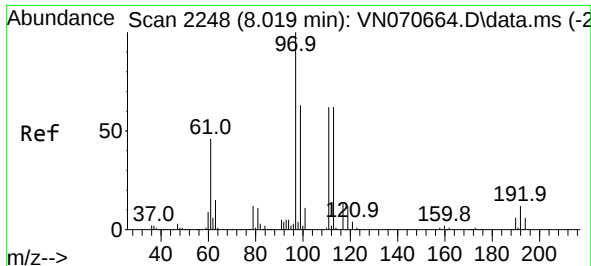


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.003 min
 Lab File: VN070708.D
 Acq: 19 Jan 2022 18:45



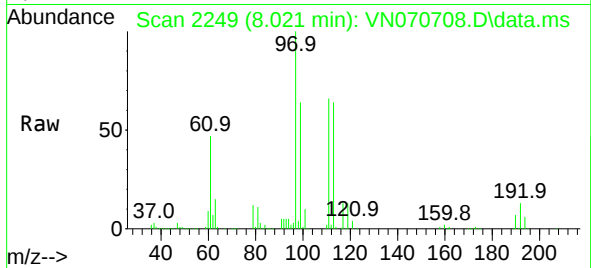
Tgt Ion:114 Resp: 1477267
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 37.8
 88 16.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 45.705 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

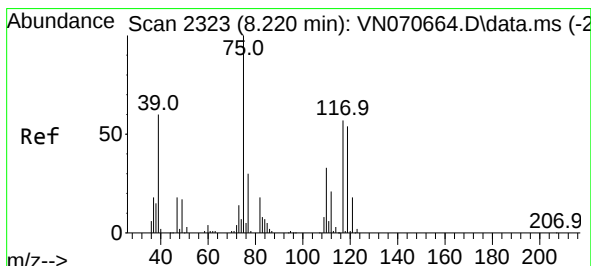
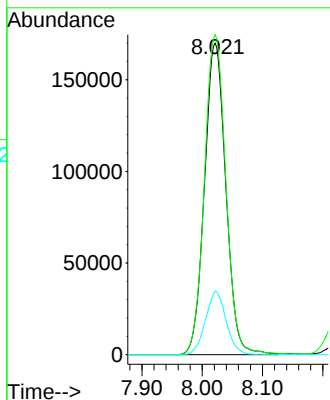
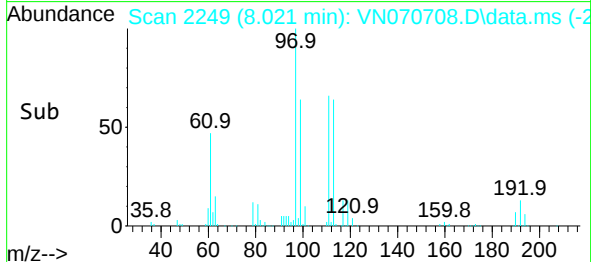
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



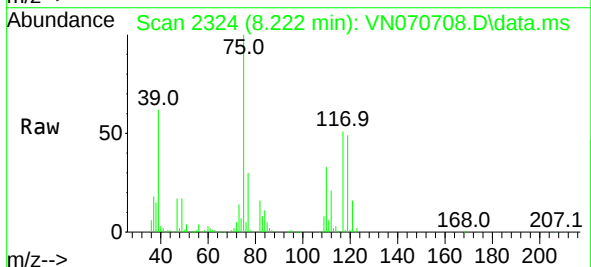
Tgt Ion: 113 Resp: 418819
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.7 16.9 25.3

Manual Integrations
APPROVED

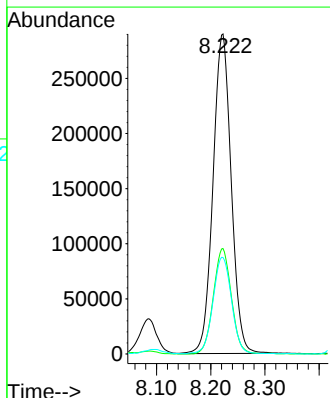
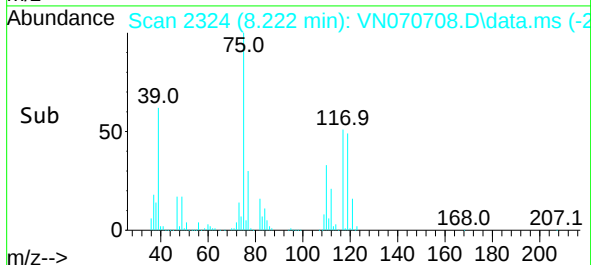
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

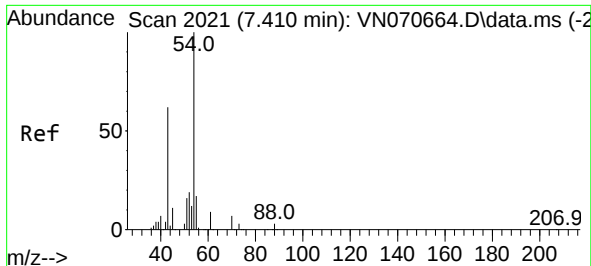


#36
1,1-Dichloropropene
Concen: 43.913 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.002 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



Tgt Ion: 75 Resp: 677435
Ion Ratio Lower Upper
75 100
110 32.7 18.4 55.2
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 47.482 ug/l

RT: 7.413 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VN070708.D

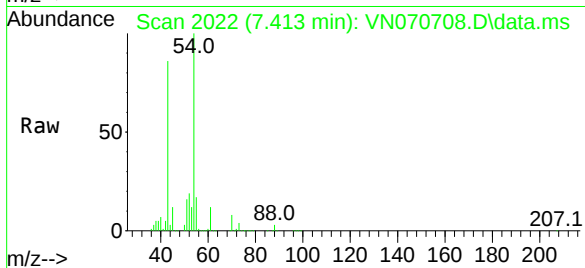
Acq: 19 Jan 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



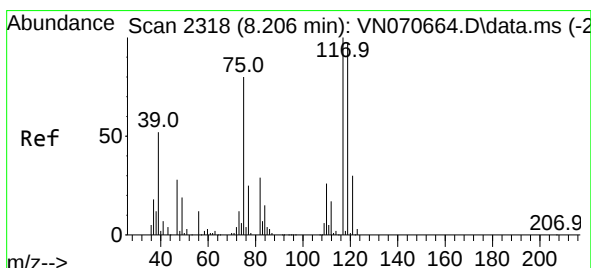
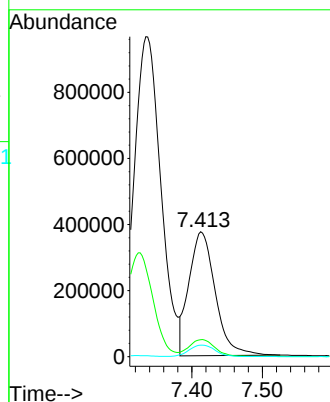
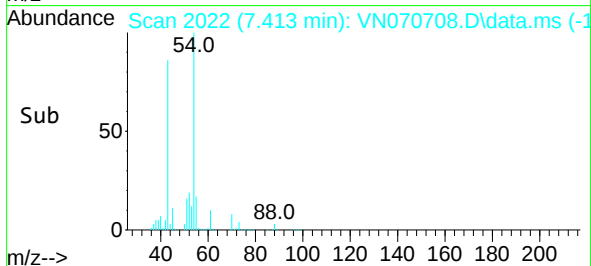
Tgt Ion:	43	Resp:	972460
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.5	17.3
70	9.1	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#38

Carbon Tetrachloride

Concen: 44.347 ug/l

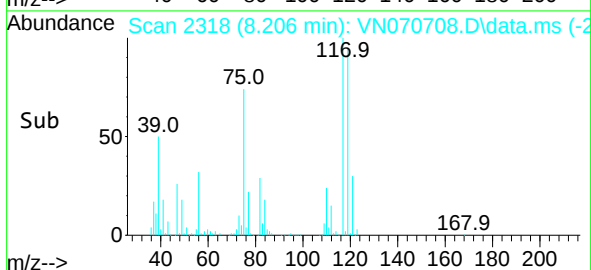
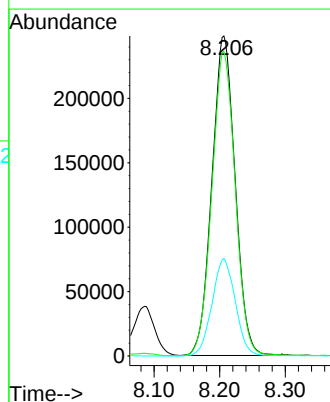
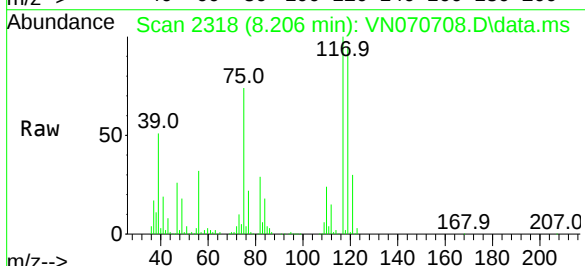
RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN070708.D

Acq: 19 Jan 2022 18:45

Tgt Ion:	117	Resp:	608604
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.1	114.1
121	30.5	24.2	36.2





#39

Methylcyclohexane

Concen: 44.524 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070708.D

Acq: 19 Jan 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 847940

Ion Ratio Lower Upper

83 100

55 86.1 58.1 87.1

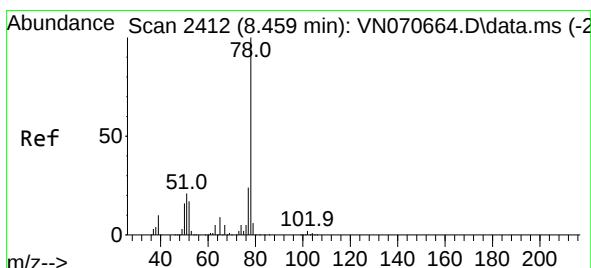
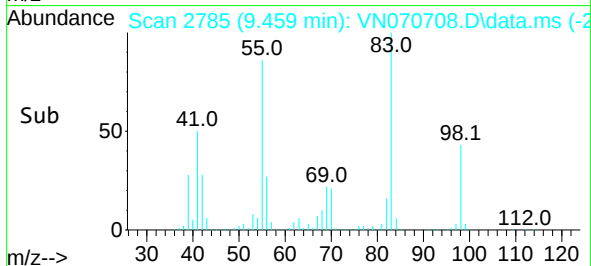
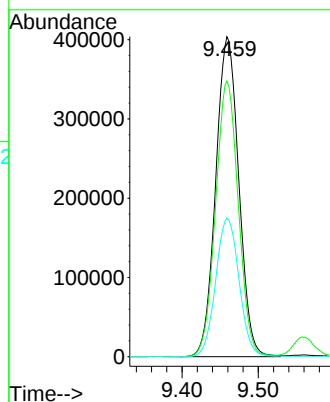
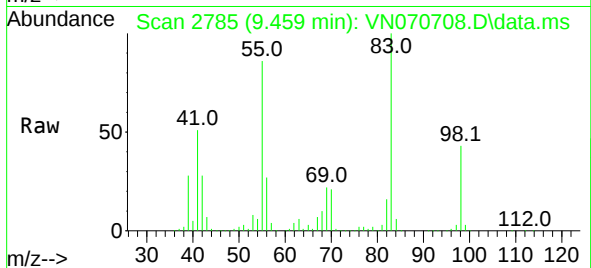
98 43.3 38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#40

Benzene

Concen: 44.383 ug/l

RT: 8.459 min Scan# 2412

Delta R.T. -0.000 min

Lab File: VN070708.D

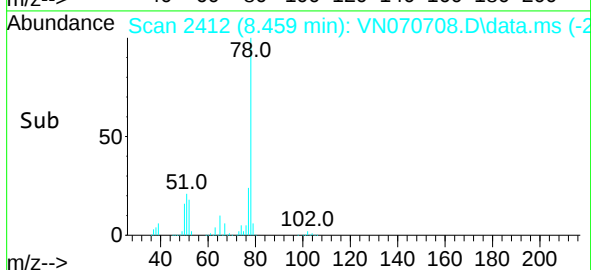
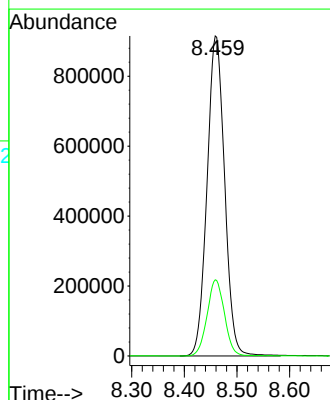
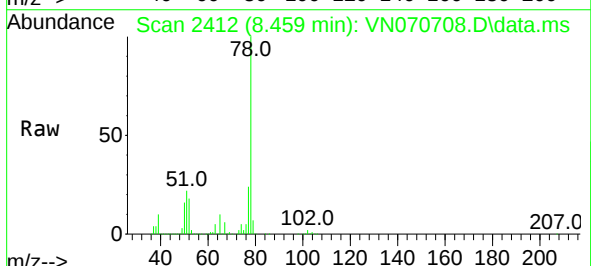
Acq: 19 Jan 2022 18:45

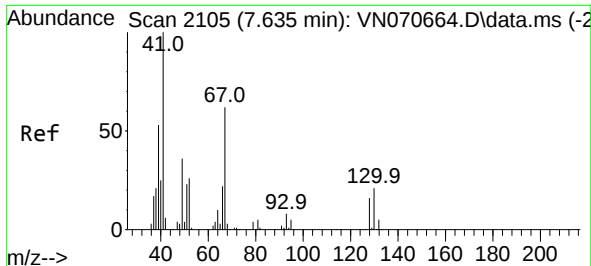
Tgt Ion: 78 Resp: 2121507

Ion Ratio Lower Upper

78 100

77 23.8 18.6 27.8





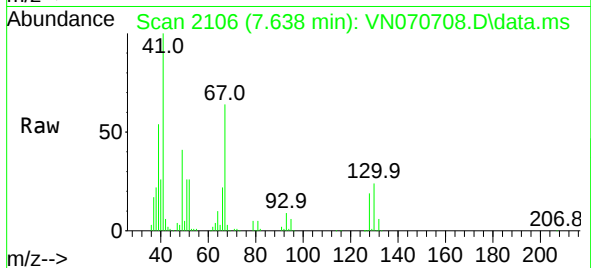
#41
Methacrylonitrile
Concen: 49.182 ug/l
RT: 7.638 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



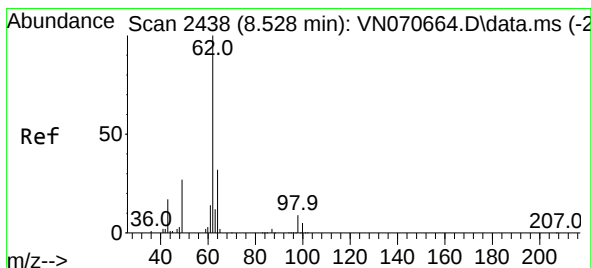
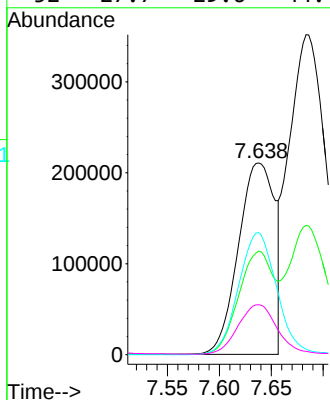
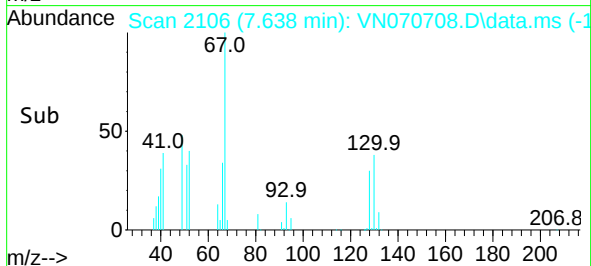
Tgt Ion: 41 Resp: 51245
Ion Ratio Lower Upper
41 100
39 52.1 48.1 72.1
67 67.2 68.3 102.5
52 27.7 29.6 44.4#

Manual Integrations

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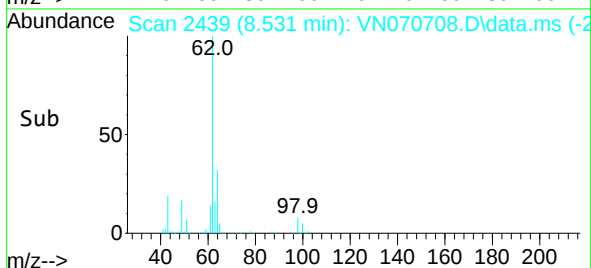
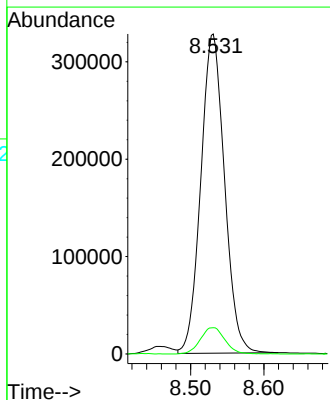
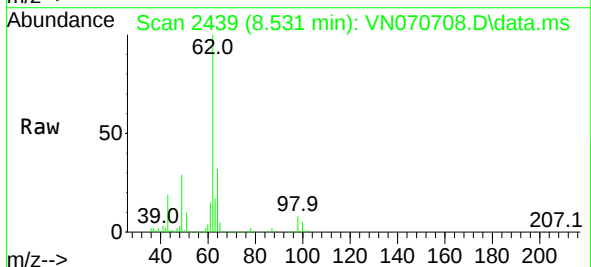
Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#42
1,2-Dichloroethane
Concen: 44.429 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

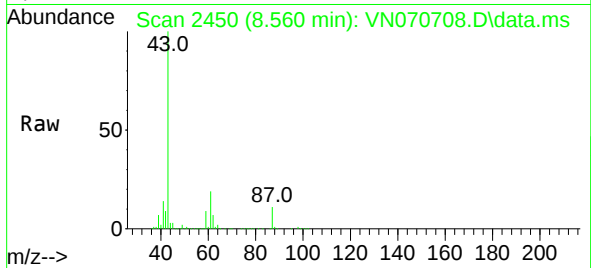
Tgt Ion: 62 Resp: 736384
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 48.569 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

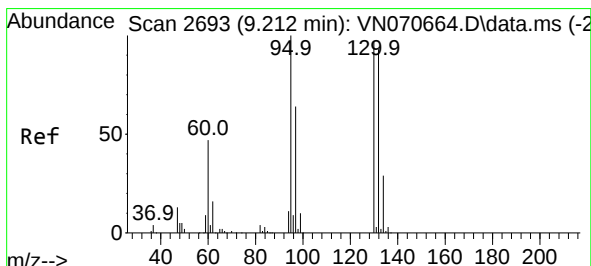
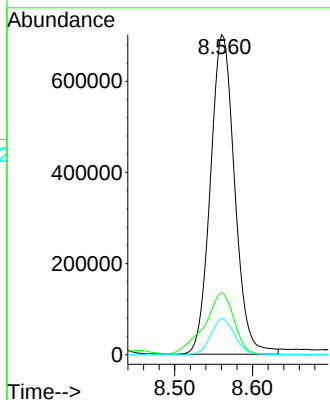
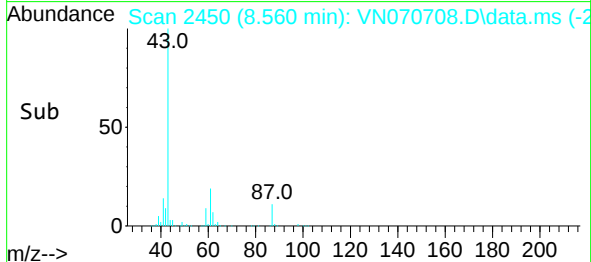
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 151934
Ion Ratio Lower Upper
43 100
61 23.5 20.4 30.6
87 11.1 11.2 16.8

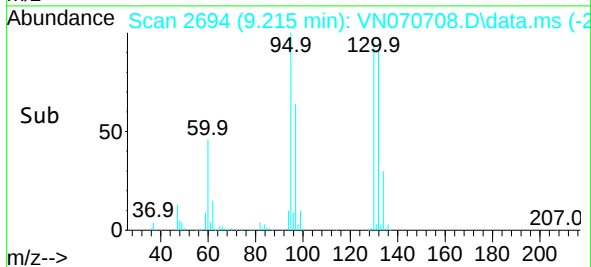
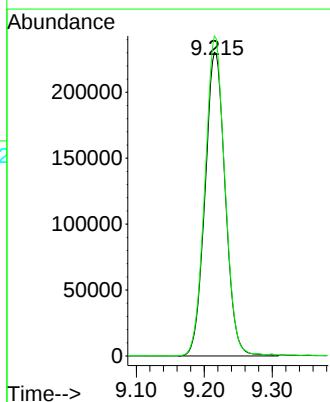
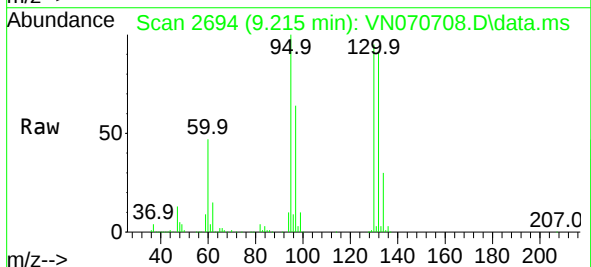
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#44
Trichloroethene
Concen: 43.956 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

Tgt Ion:130 Resp: 476326
Ion Ratio Lower Upper
130 100
95 105.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 45.114 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070708.D

Acq: 19 Jan 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 586719

Ion Ratio Lower Upper

63 100

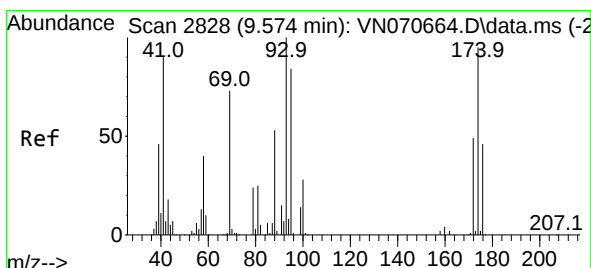
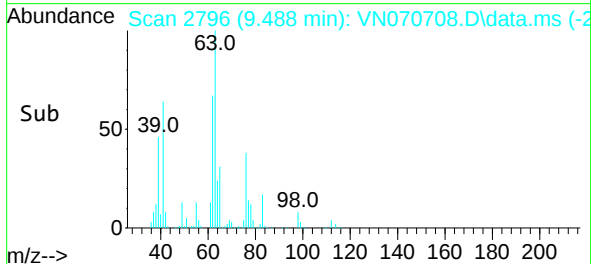
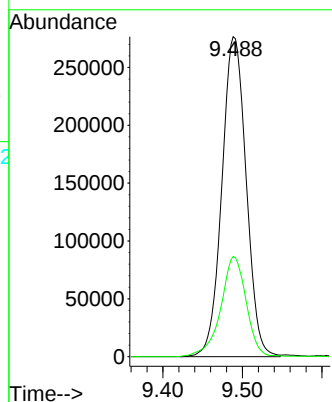
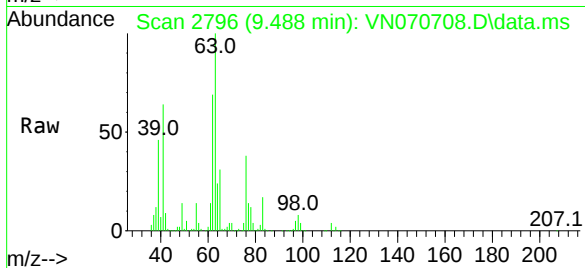
65 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#46

Dibromomethane

Concen: 45.163 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.003 min

Lab File: VN070708.D

Acq: 19 Jan 2022 18:45

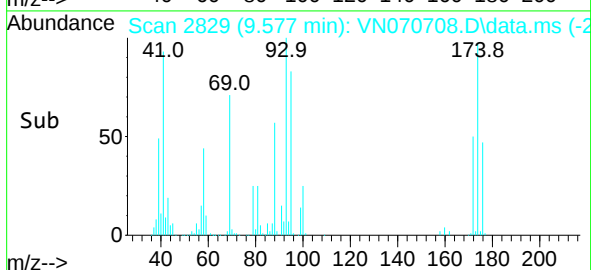
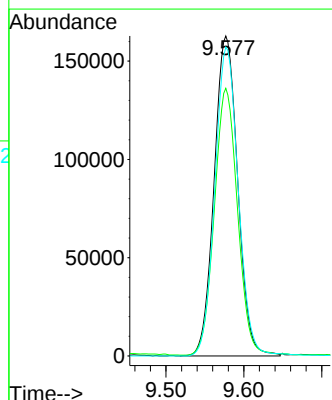
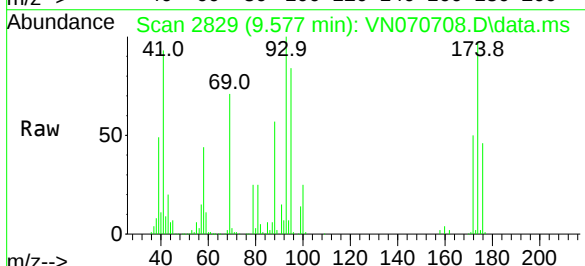
Tgt Ion: 93 Resp: 341525

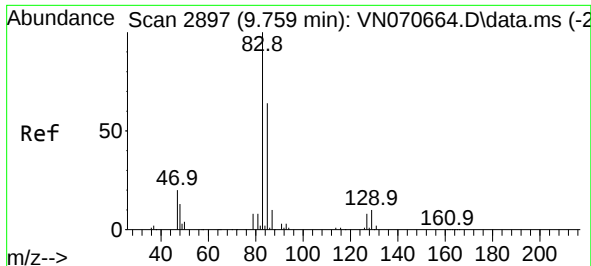
Ion Ratio Lower Upper

93 100

95 82.1 65.9 98.9

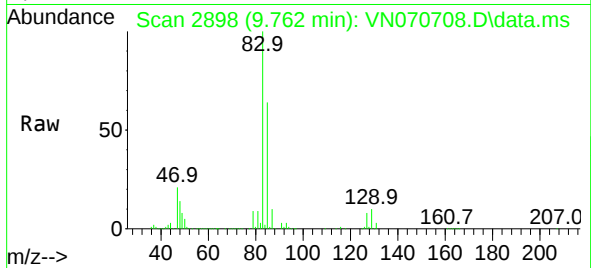
174 96.1 84.6 127.0





#47
Bromodichloromethane
Concen: 44.376 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

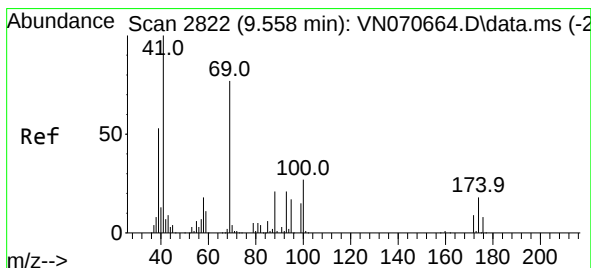
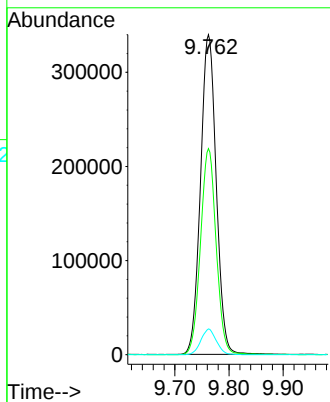
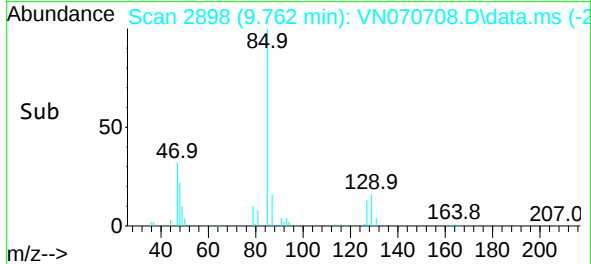
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



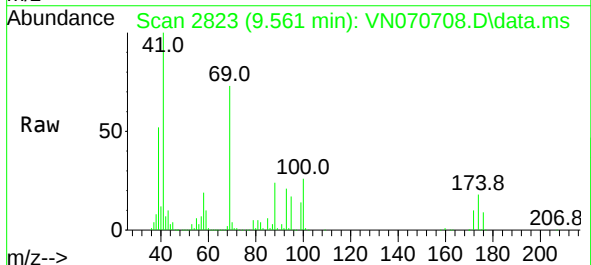
Tgt Ion: 83 Resp: 685960
Ion Ratio Lower Upper
83 100
85 64.5 50.9 76.3
127 8.1 7.1 10.7

Manual Integrations
APPROVED

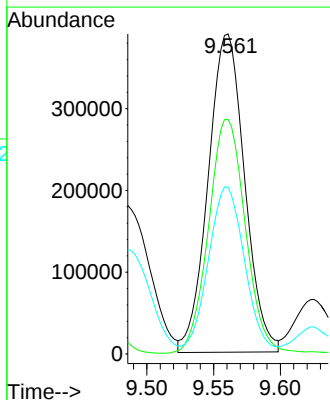
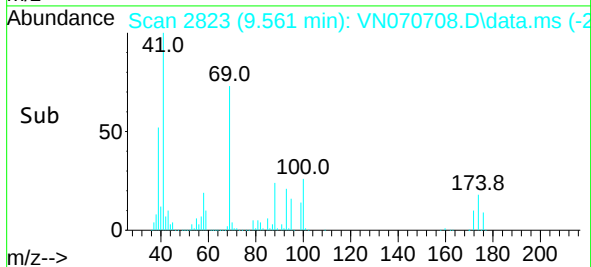
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

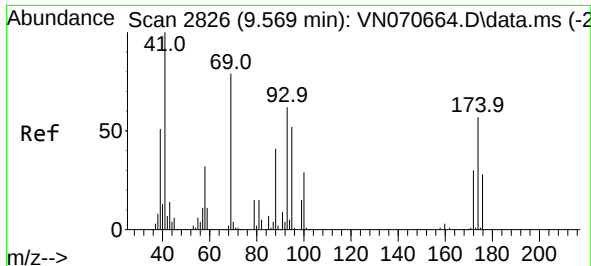


#48
Methyl methacrylate
Concen: 49.714 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



Tgt Ion: 41 Resp: 740873
Ion Ratio Lower Upper
41 100
69 74.1 72.4 108.6
39 52.4 58.4 87.6#





#49

1,4-Dioxane

Concen: 1044.141 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.000 min

Lab File: VN070708.D

Acq: 19 Jan 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

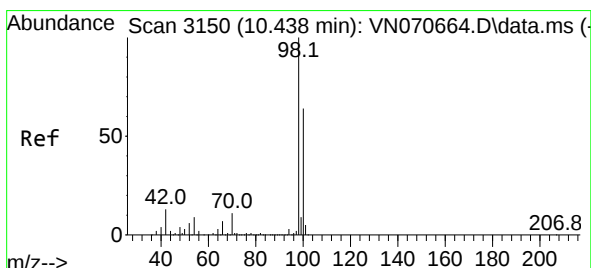
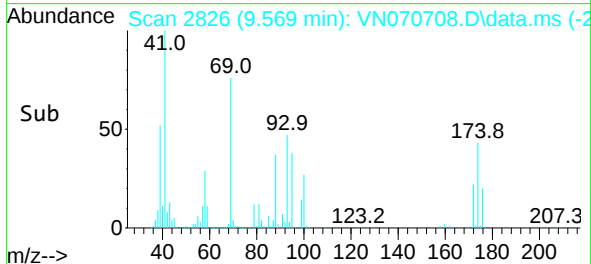
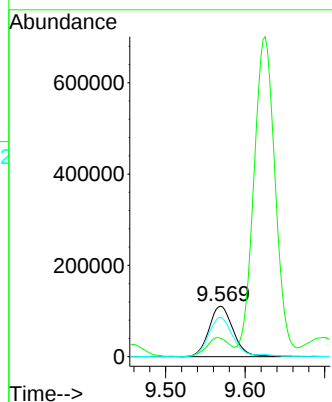
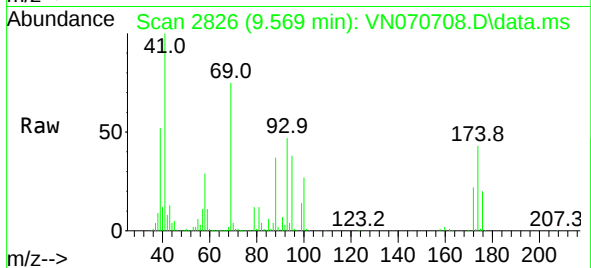
Tgt Ion: 88 Resp: 233735
 Ion Ratio Lower Upper
 88 100
 43 34.9 23.4 35.2
 58 77.8 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#50

Toluene-d8

Concen: 45.579 ug/l

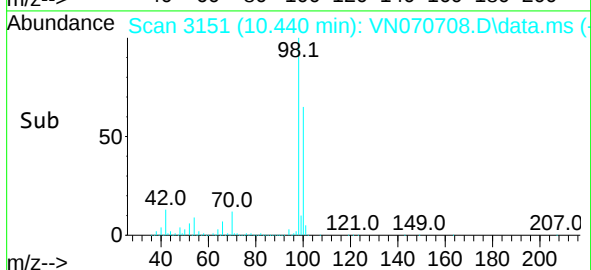
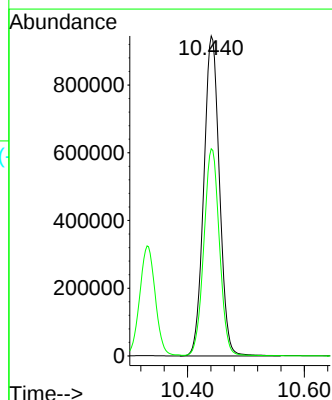
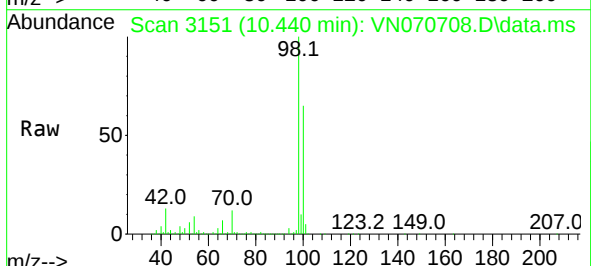
RT: 10.440 min Scan# 3151

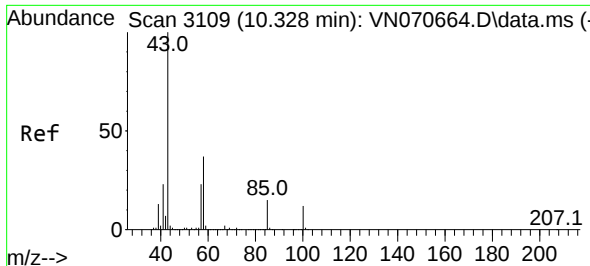
Delta R.T. 0.002 min

Lab File: VN070708.D

Acq: 19 Jan 2022 18:45

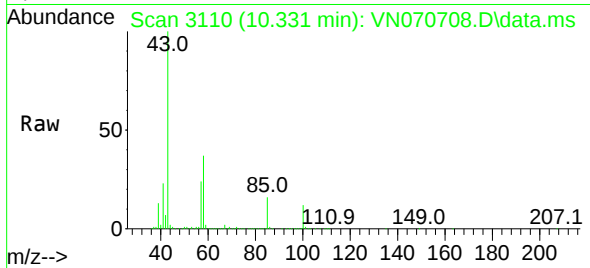
Tgt Ion: 98 Resp: 1759501
 Ion Ratio Lower Upper
 98 100
 100 64.4 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 245.304 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

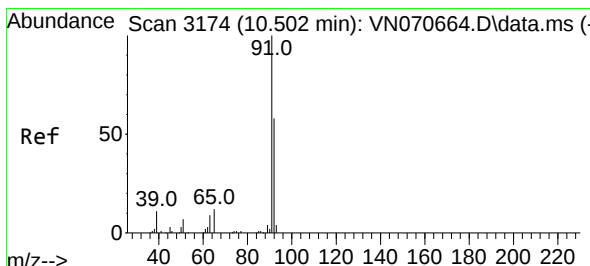
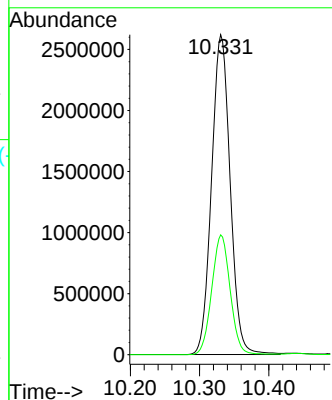
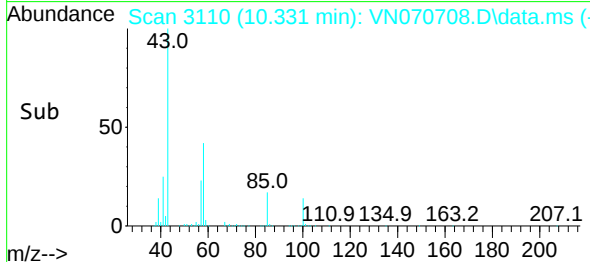
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 4896508
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

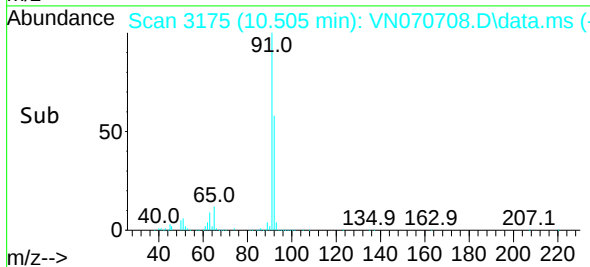
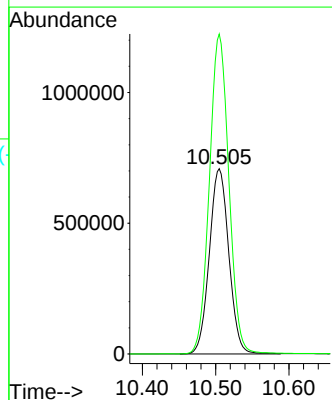
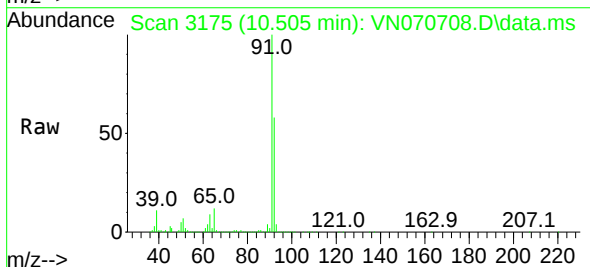
Manual Integrations
APPROVED

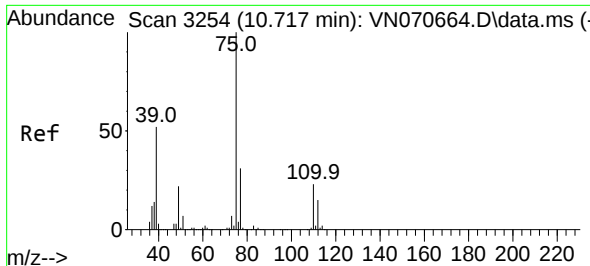
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#52
Toluene
Concen: 45.744 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

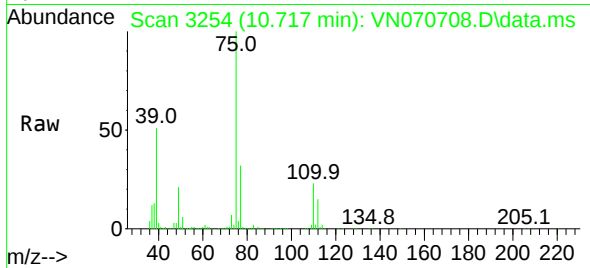
Tgt Ion: 92 Resp: 1307952
Ion Ratio Lower Upper
92 100
91 172.9 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 42.947 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

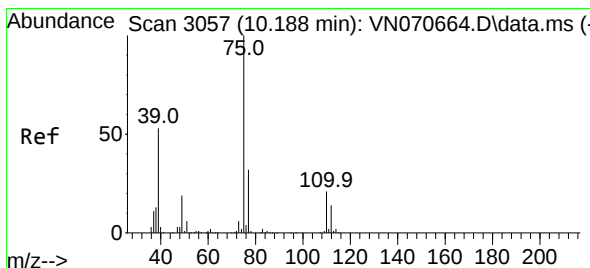
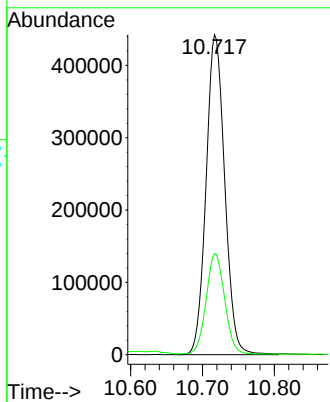
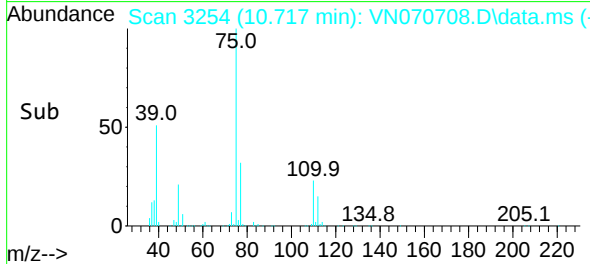
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 79838
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

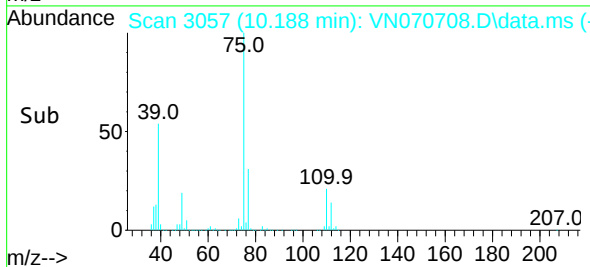
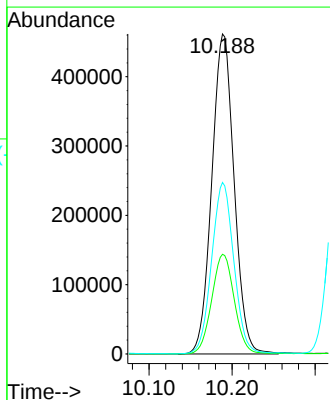
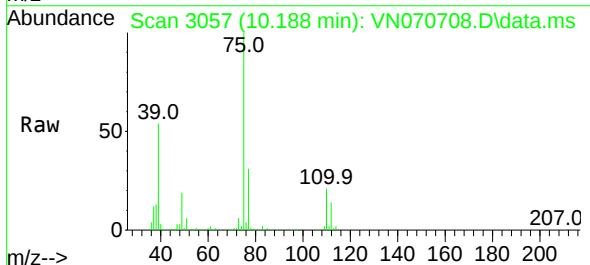
Manual Integrations
APPROVED

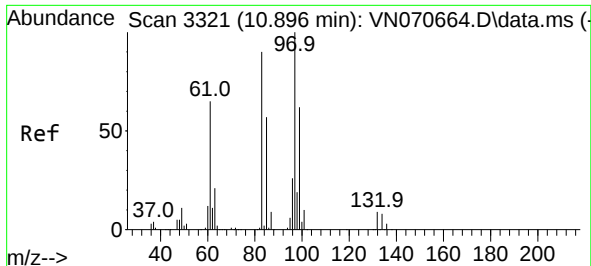
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#54
cis-1,3-Dichloropropene
Concen: 46.479 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

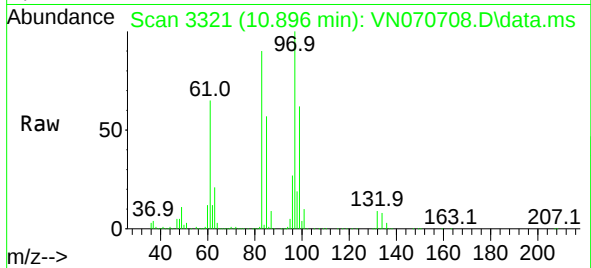
Tgt Ion: 75 Resp: 861643
Ion Ratio Lower Upper
75 100
77 31.1 26.4 39.6
39 53.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 44.646 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

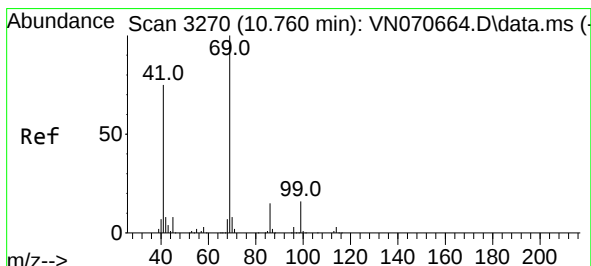
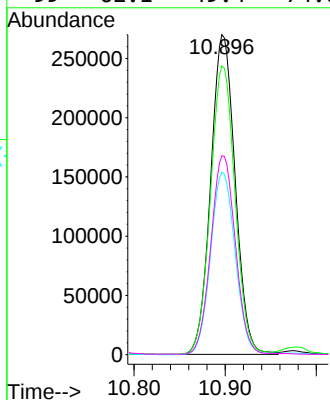
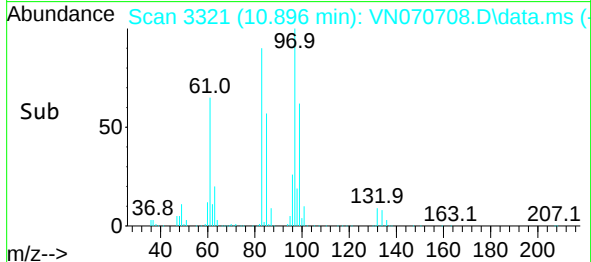
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 50148
Ion Ratio Lower Upper
97 100
83 90.2 67.8 101.6
85 57.0 45.4 68.2
99 62.1 49.4 74.0

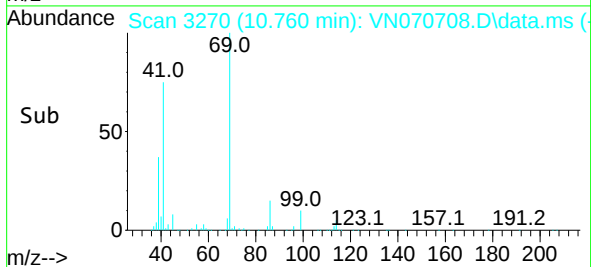
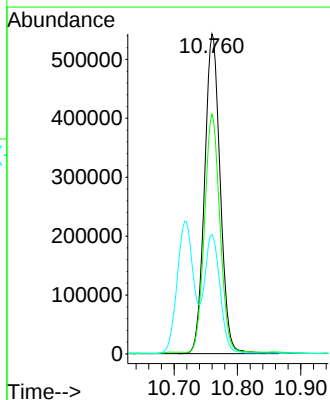
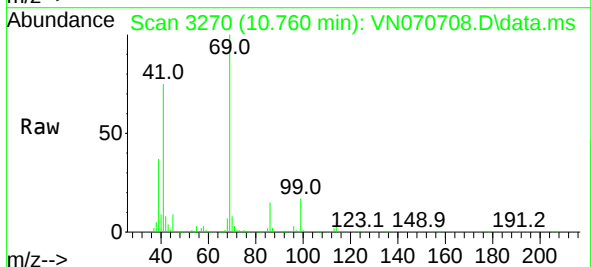
Manual Integrations
APPROVED

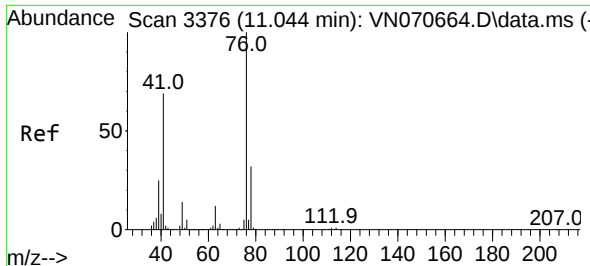
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#56
Ethyl methacrylate
Concen: 43.853 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

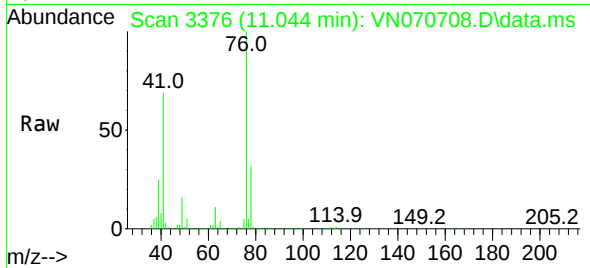
Tgt Ion: 69 Resp: 930492
Ion Ratio Lower Upper
69 100
41 73.3 51.4 77.0
39 36.2 34.6 52.0





#57
1,3-Dichloropropane
Concen: 45.900 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

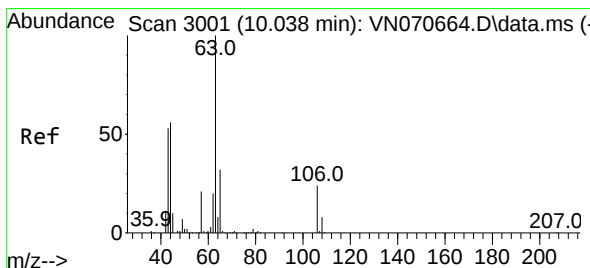
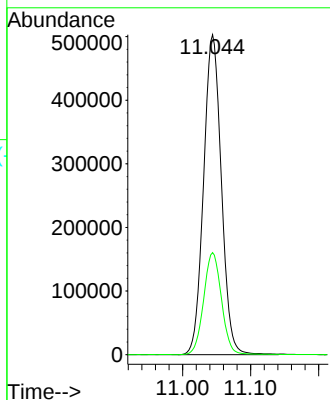
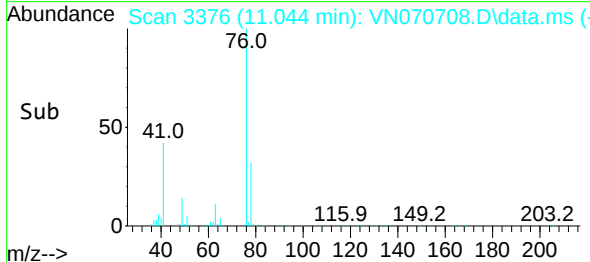
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 912718
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

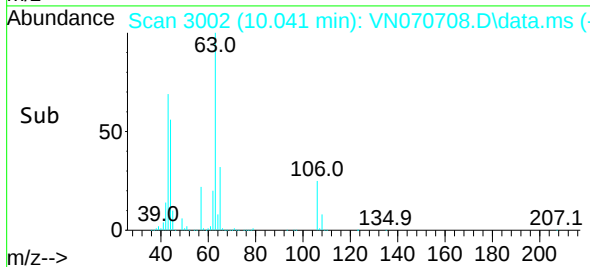
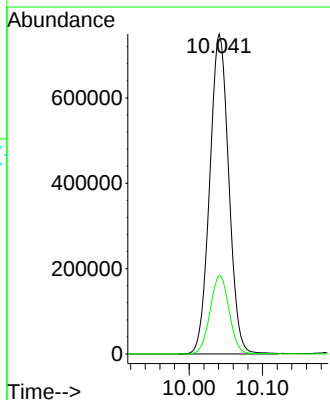
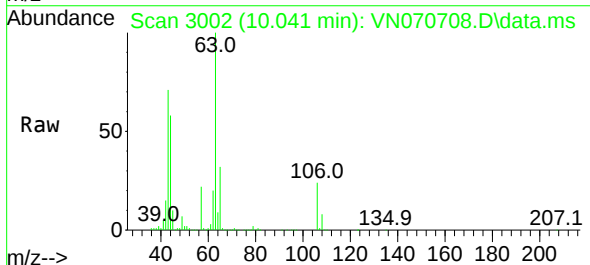
Manual Integrations
APPROVED

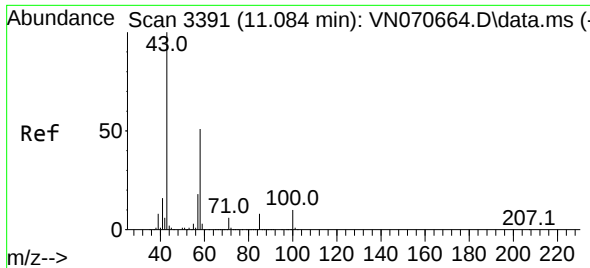
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#58
2-Chloroethyl Vinyl ether
Concen: 249.835 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

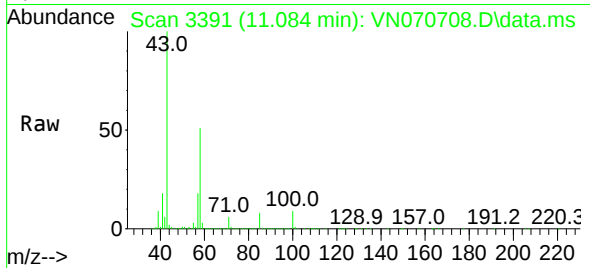
Tgt Ion: 63 Resp: 1353853
Ion Ratio Lower Upper
63 100
106 24.6 23.9 35.9





#59
2-Hexanone
Concen: 252.310 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

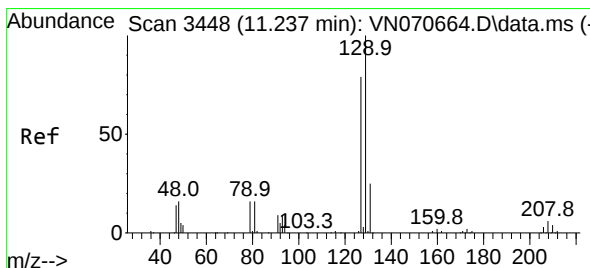
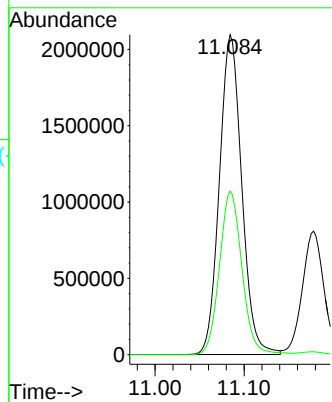
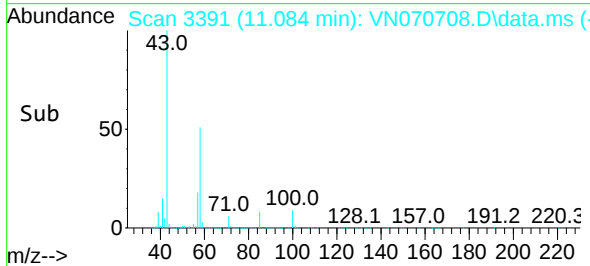
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 365867
Ion Ratio Lower Upper
43 100
58 51.5 26.9 80.7

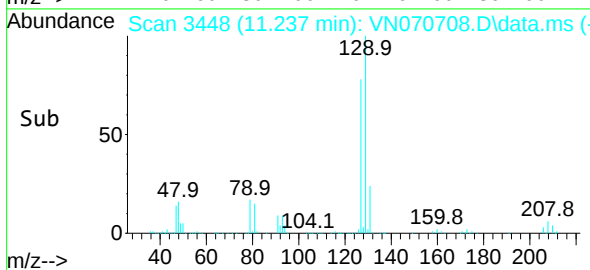
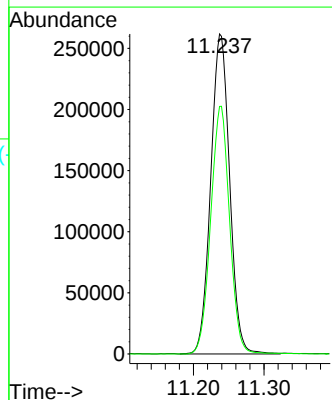
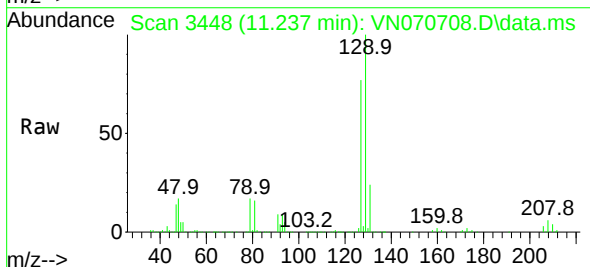
Manual Integrations
APPROVED

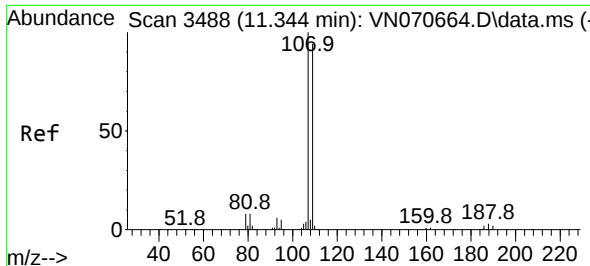
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#60
Dibromochloromethane
Concen: 46.549 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

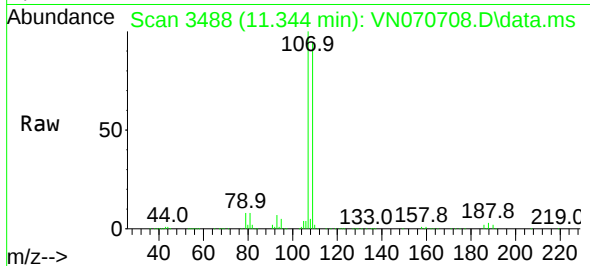
Tgt Ion:129 Resp: 487705
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 45.702 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

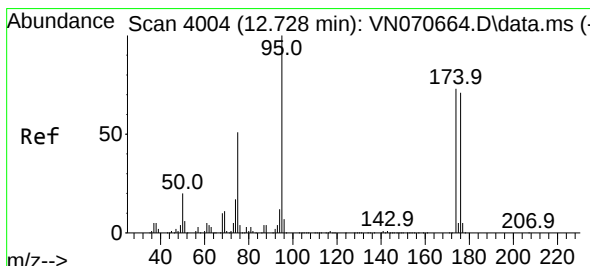
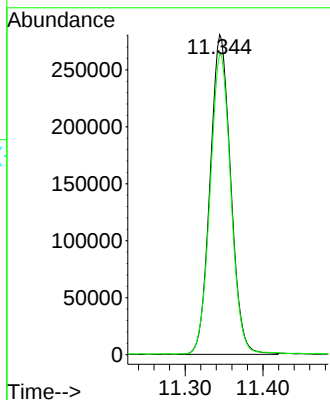
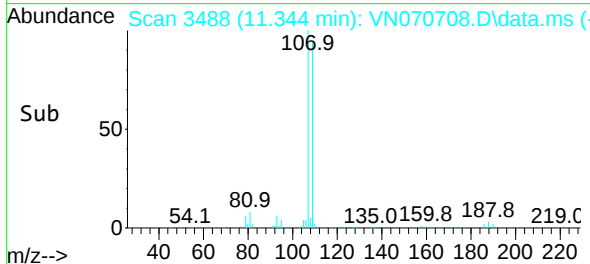
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



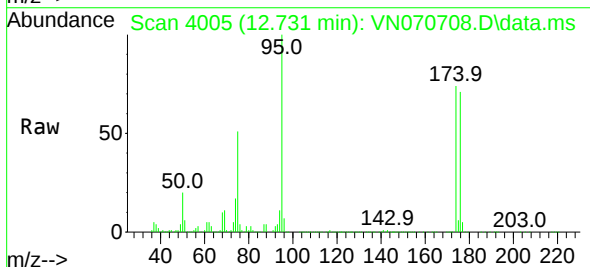
Tgt Ion:107 Resp: 515409
Ion Ratio Lower Upper
107 100
109 94.1 75.7 113.5

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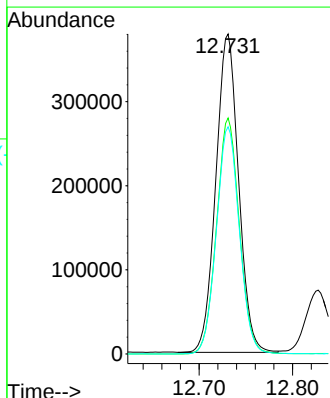
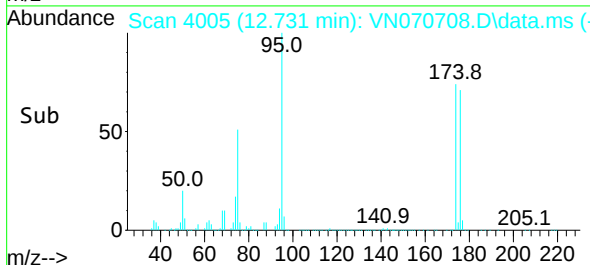
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

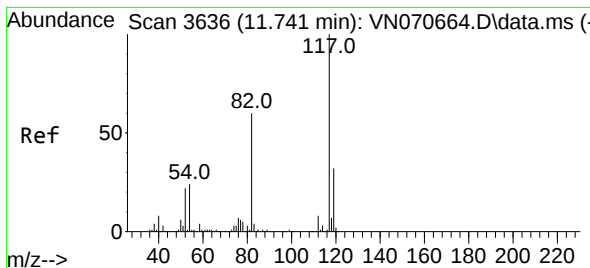


#62
4-Bromofluorobenzene
Concen: 46.564 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



Tgt Ion: 95 Resp: 640540
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 72.3 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3636

Delta R.T. 0.003 min

Lab File: VN070708.D

Acq: 19 Jan 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 137865

Ion Ratio Lower Upper

117 100

82 59.5 42.4 63.6

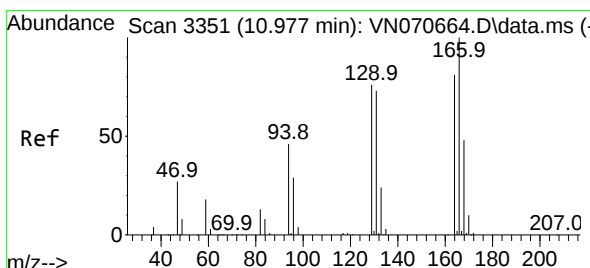
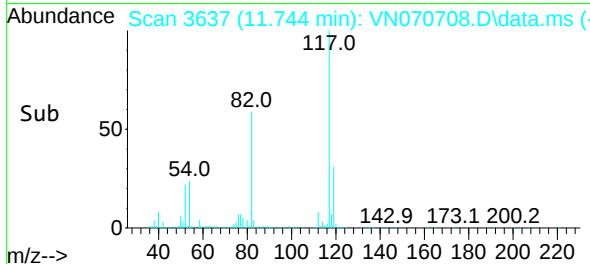
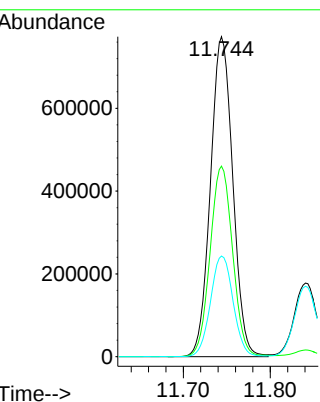
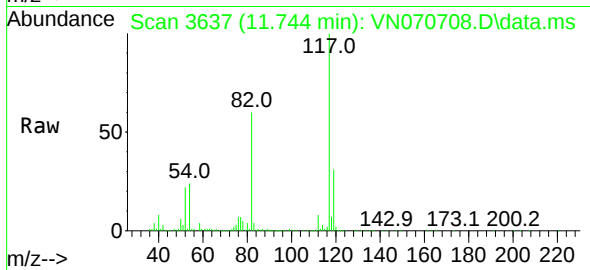
119 31.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#64

Tetrachloroethene

Concen: 40.161 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.000 min

Lab File: VN070708.D

Acq: 19 Jan 2022 18:45

Tgt Ion:164 Resp: 405961

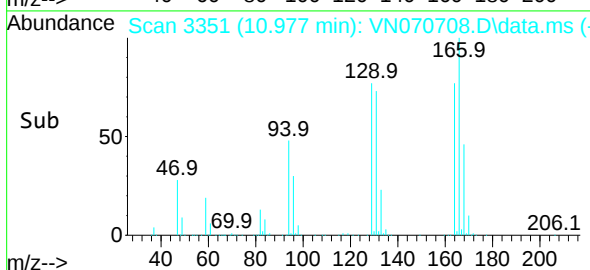
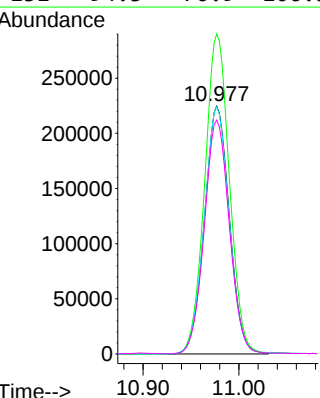
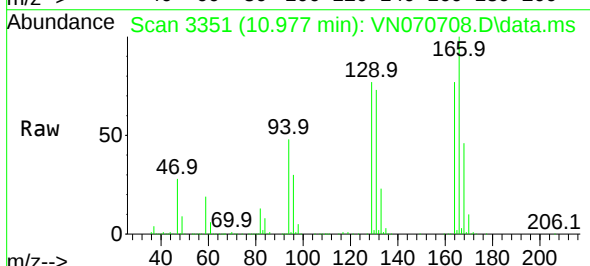
Ion Ratio Lower Upper

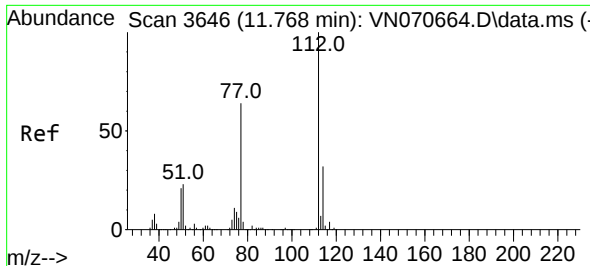
164 100

166 129.1 101.9 152.9

129 99.6 72.0 108.0

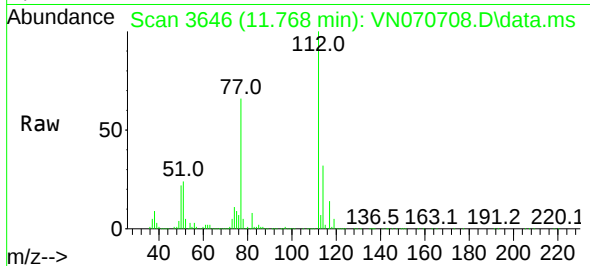
131 94.3 70.9 106.3





#65
Chlorobenzene
Concen: 44.294 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

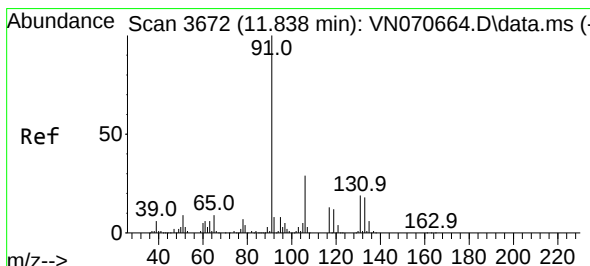
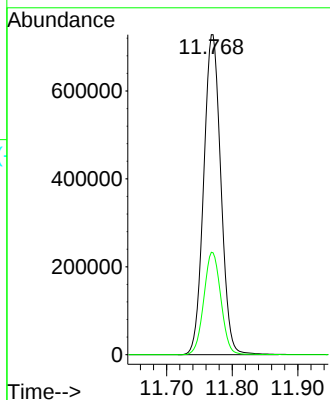
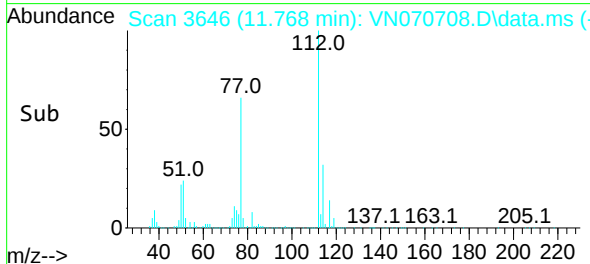
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



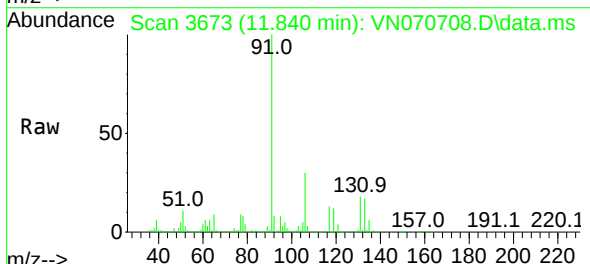
Tgt Ion:112 Resp: 132308
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

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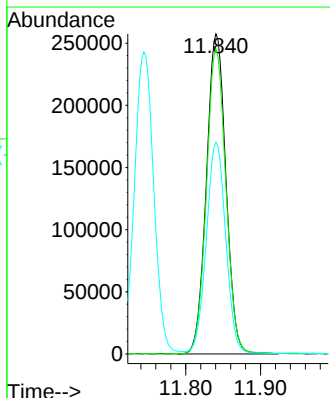
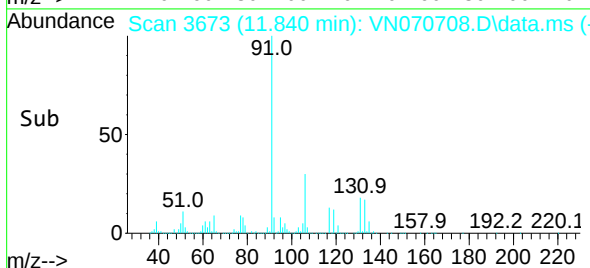
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

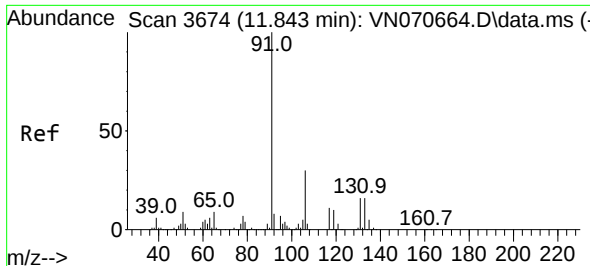


#66
1,1,1,2-Tetrachloroethane
Concen: 45.455 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. 0.002 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



Tgt Ion:131 Resp: 467550
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 65.7 32.1 96.5





#67

Ethyl Benzene

Concen: 45.575 ug/l

RT: 11.843 min Scan# 3674

Delta R.T. 0.000 min

Lab File: VN070708.D

Acq: 19 Jan 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 2523908

Ion Ratio Lower Upper

91 100

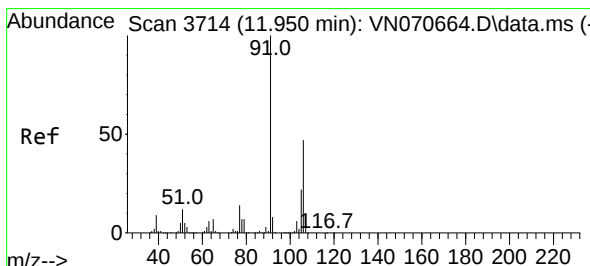
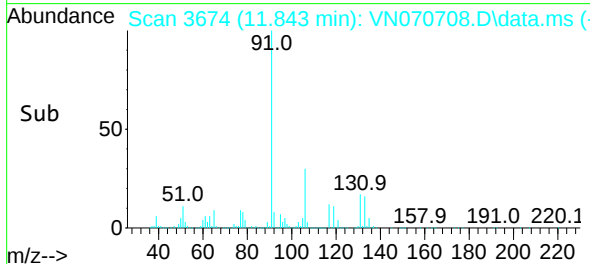
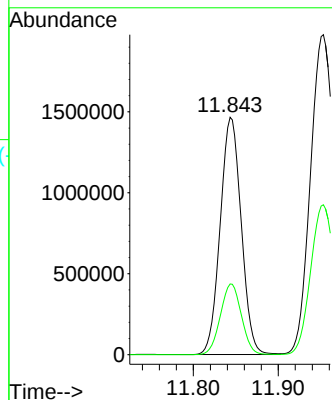
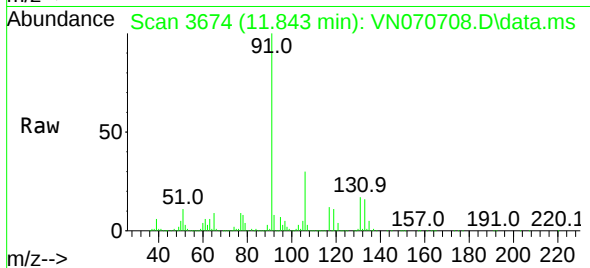
106 29.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#68

m/p-Xylenes

Concen: 91.415 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.003 min

Lab File: VN070708.D

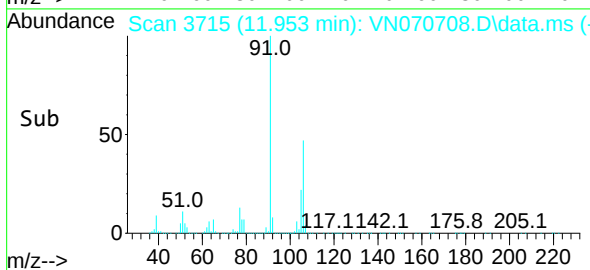
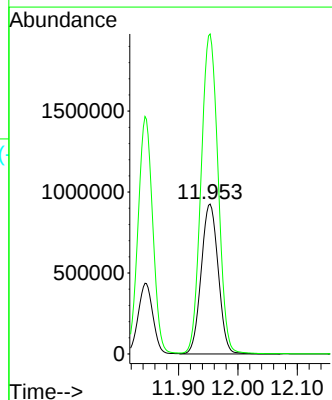
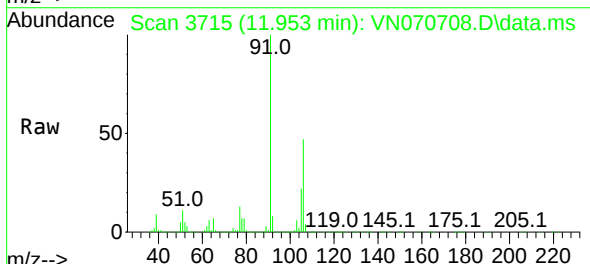
Acq: 19 Jan 2022 18:45

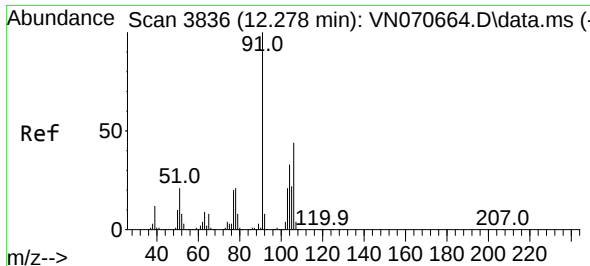
Tgt Ion:106 Resp: 1841684

Ion Ratio Lower Upper

106 100

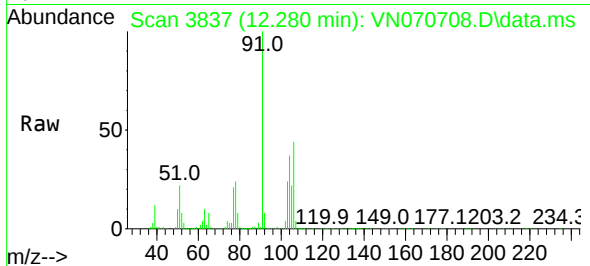
91 213.9 160.6 240.8





#69
o-Xylene
Concen: 46.210 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

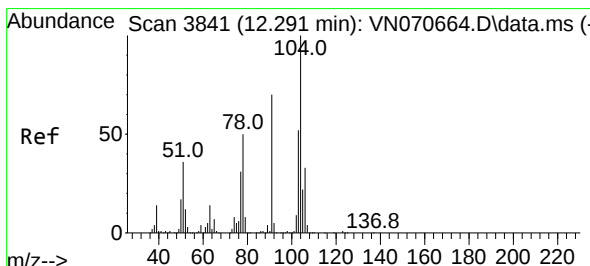
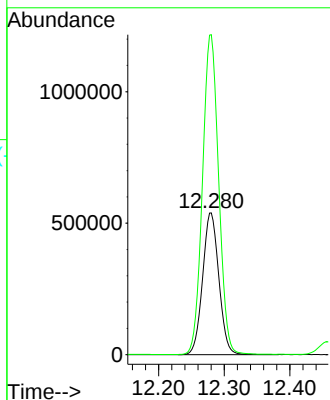
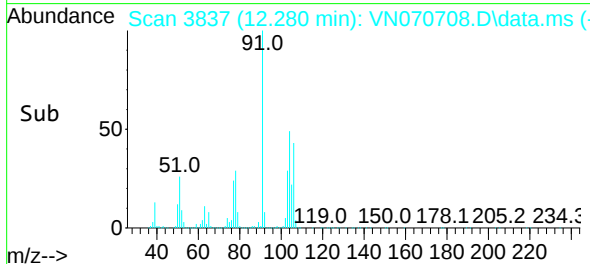
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 923894
Ion Ratio Lower Upper
106 100
91 225.3 105.8 317.3

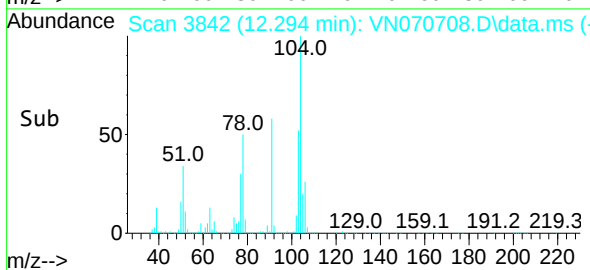
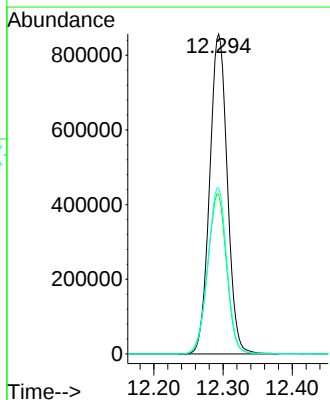
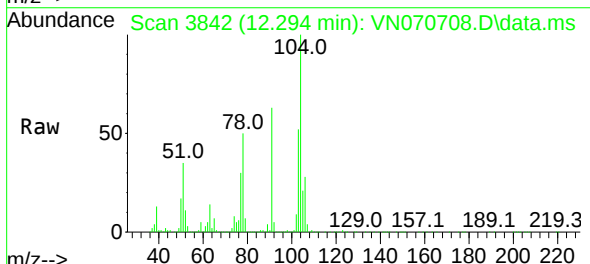
Manual Integrations
APPROVED

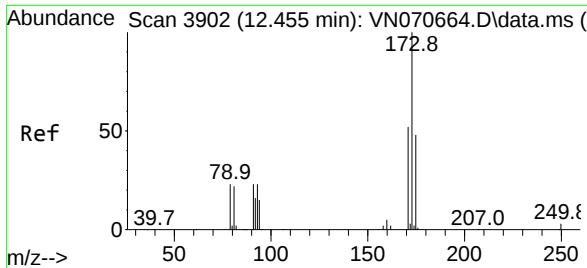
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#70
Styrene
Concen: 47.492 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

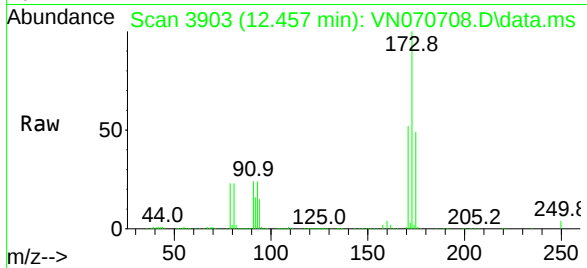
Tgt Ion:104 Resp: 1519027
Ion Ratio Lower Upper
104 100
78 53.9 38.7 58.1
103 55.8 45.0 67.6





#71
Bromoform
Concen: 46.967 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.002 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

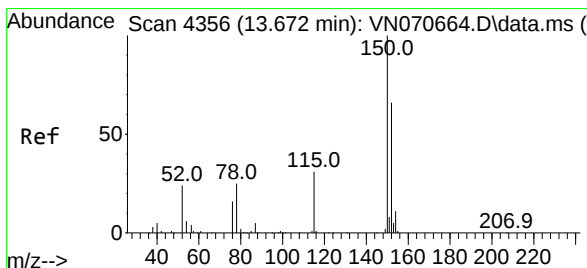
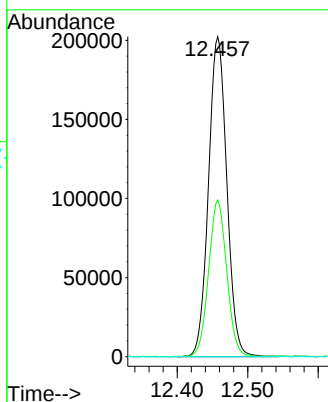
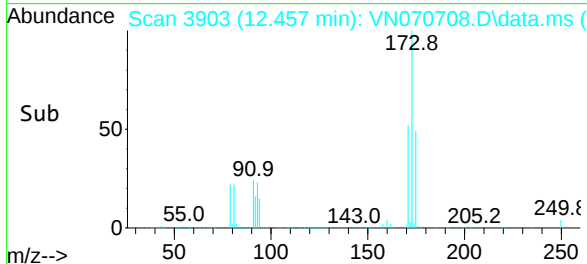
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



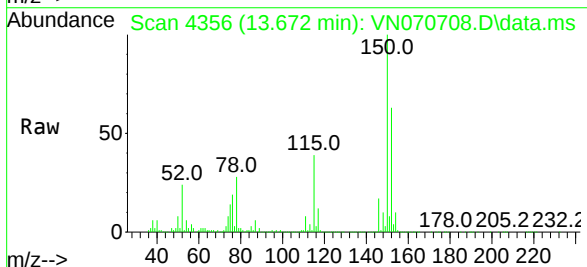
Tgt Ion:173 Resp: 364920
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0

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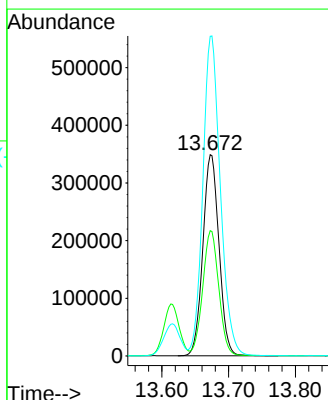
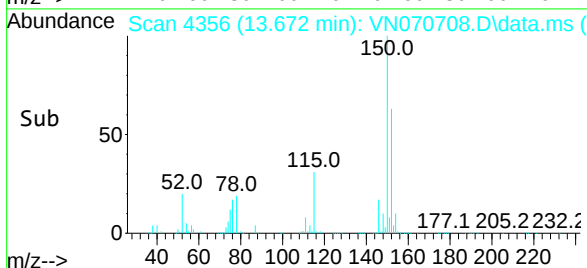
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

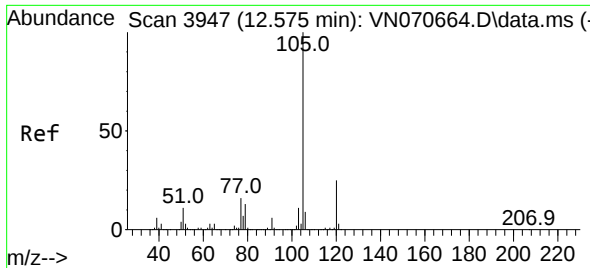


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



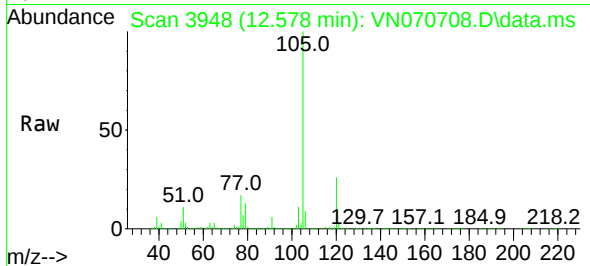
Tgt Ion:152 Resp: 583804
Ion Ratio Lower Upper
152 100
115 62.0 27.5 82.5
150 172.5 0.0 344.4





#73
Isopropylbenzene
Concen: 43.428 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

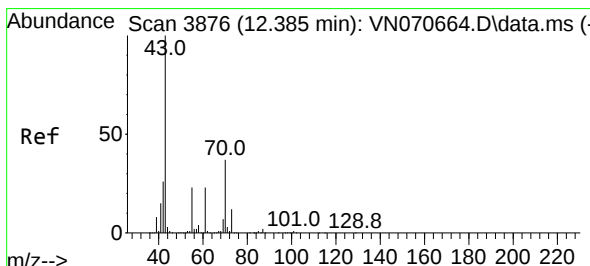
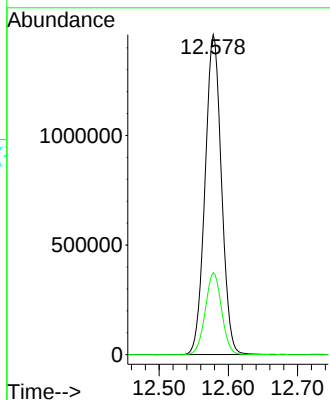
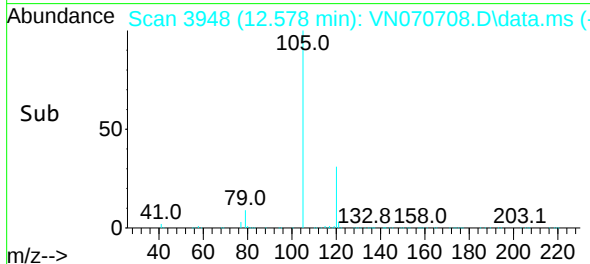
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 2398554
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

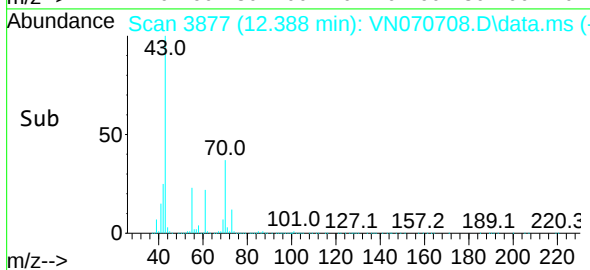
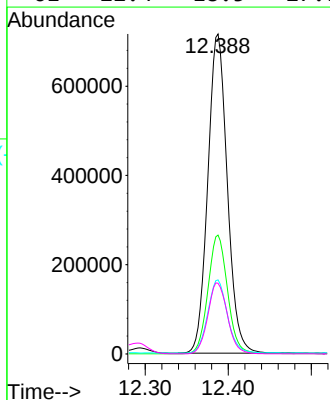
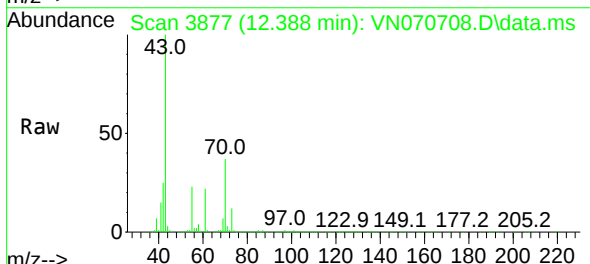
Manual Integrations
APPROVED

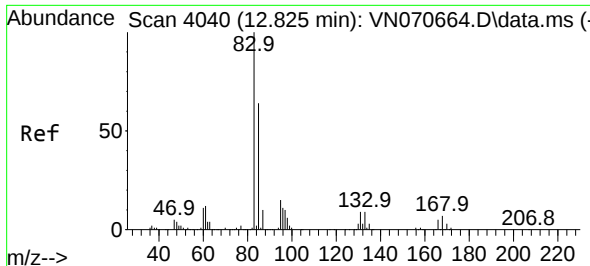
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#74
N-ethyl acetate
Concen: 51.514 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

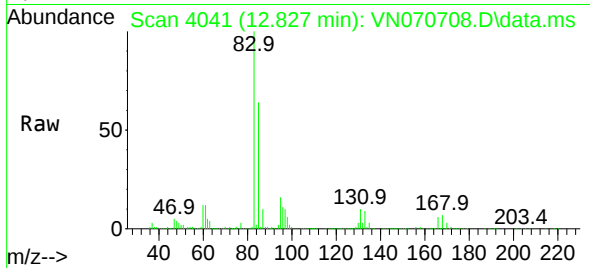
Tgt Ion: 43 Resp: 1163293
Ion Ratio Lower Upper
43 100
70 37.4 33.4 50.0
55 23.1 19.3 28.9
61 22.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 44.107 ug/l
RT: 12.827 min Scan# 4040
Delta R.T. 0.002 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

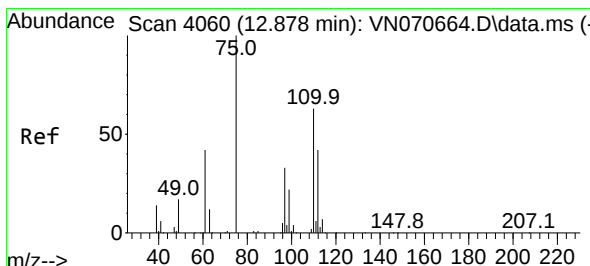
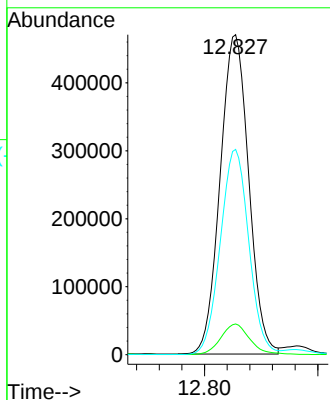
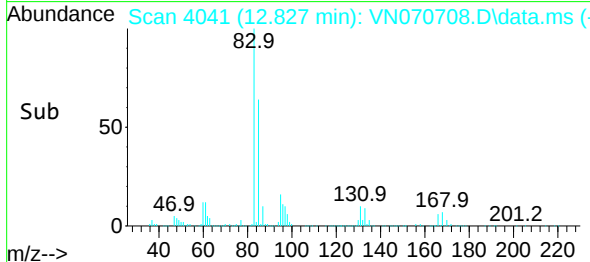
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 82270
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 64.1 32.4 97.2

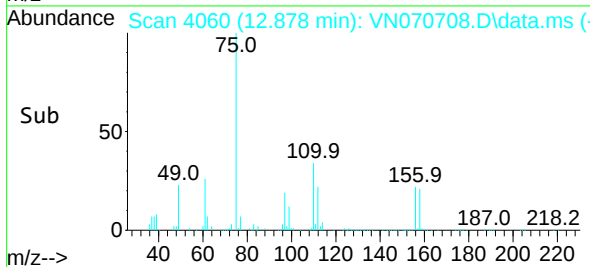
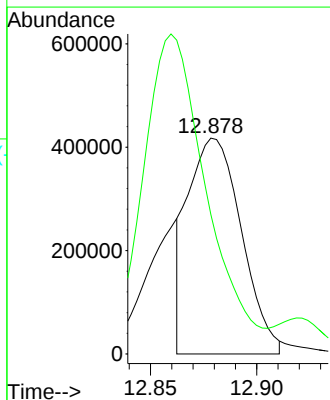
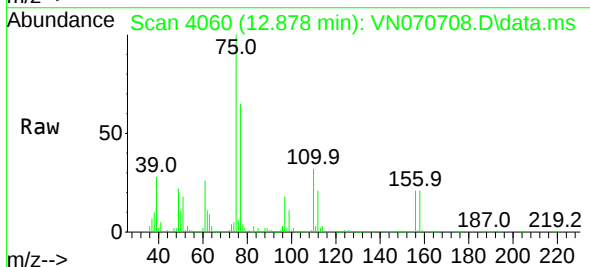
Manual Integrations
APPROVED

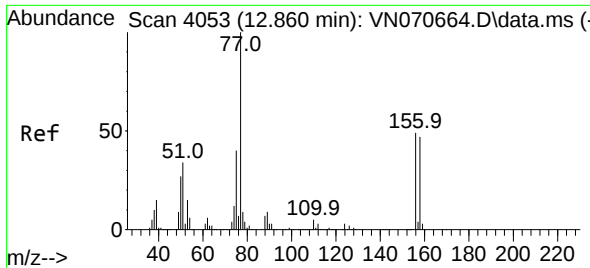
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#76
1,2,3-Trichloropropane
Concen: 47.085 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

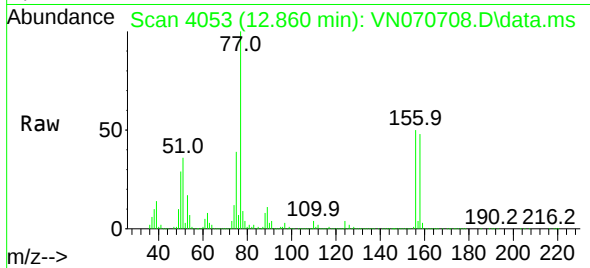
Tgt Ion: 75 Resp: 729061
Ion Ratio Lower Upper
75 100
77 176.5 82.6 247.8





#77
Bromobenzene
Concen: 43.666 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

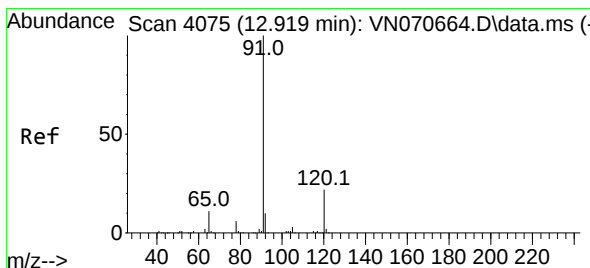
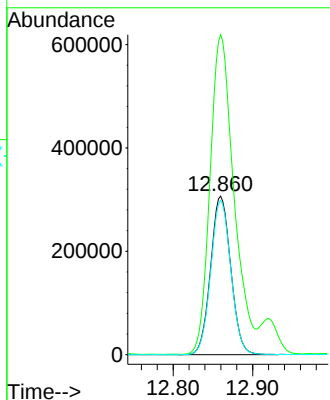
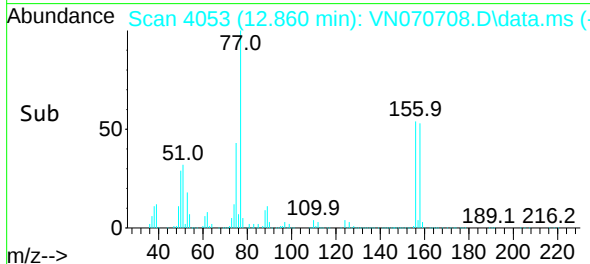
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



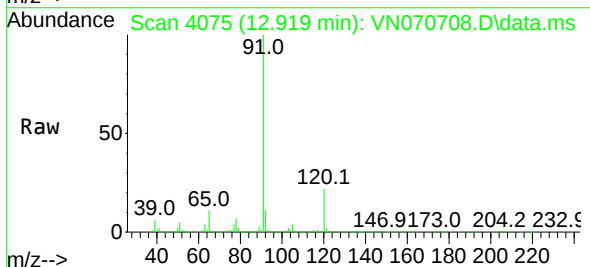
Tgt Ion:156 Resp: 54072
Ion Ratio Lower Upper
156 100
77 237.9 90.6 271.8
158 97.0 48.9 146.7

Manual Integrations
APPROVED

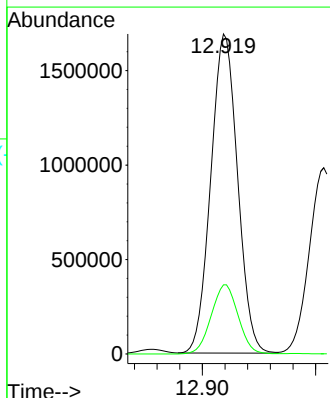
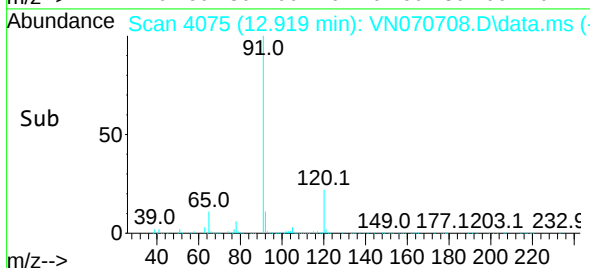
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

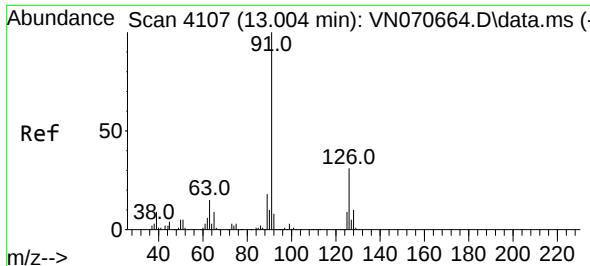


#78
n-propylbenzene
Concen: 44.887 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



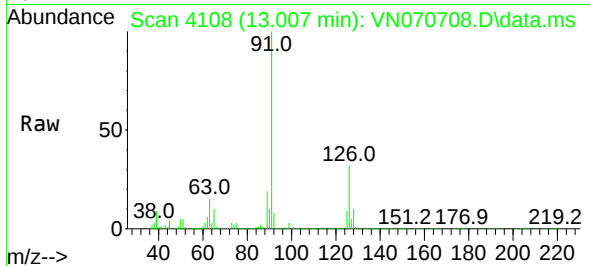
Tgt Ion: 91 Resp: 2772542
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





#79
2-Chlorotoluene
Concen: 43.490 ug/l
RT: 13.007 min Scan# 4107
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

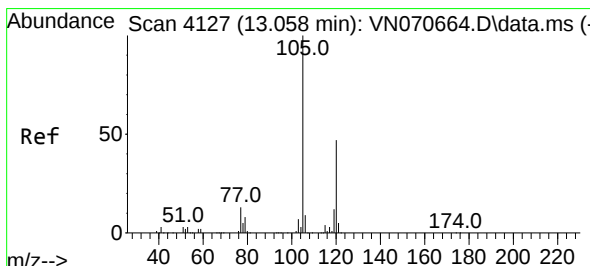
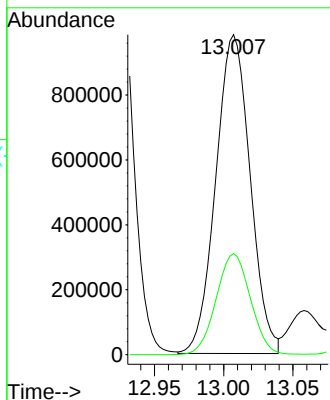
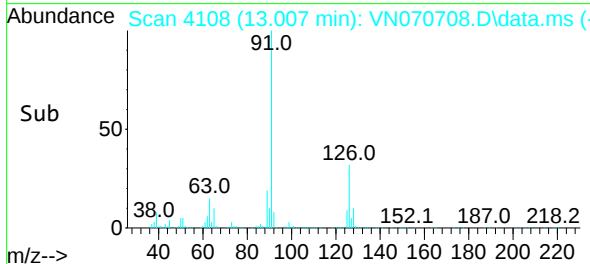
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



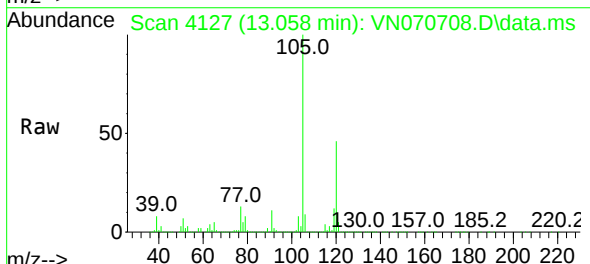
Tgt Ion: 91 Resp: 169926
Ion Ratio Lower Upper
91 100
126 31.6 18.3 54.8

Manual Integrations
APPROVED

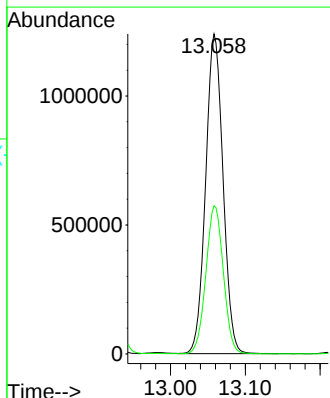
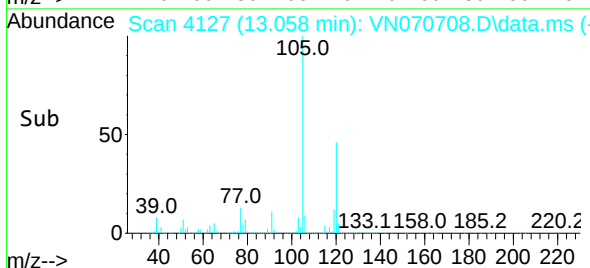
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

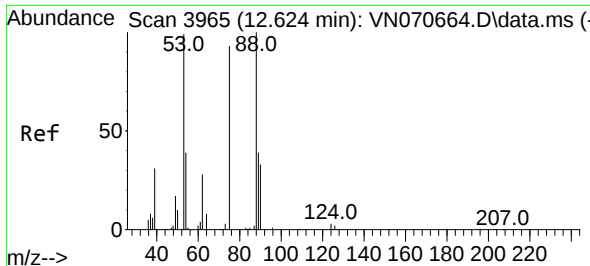


#80
1,3,5-Trimethylbenzene
Concen: 44.789 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



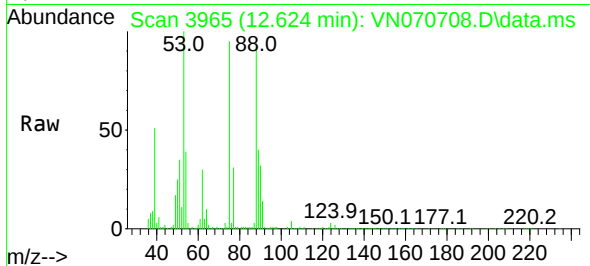
Tgt Ion:105 Resp: 2000467
Ion Ratio Lower Upper
105 100
120 46.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.326 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

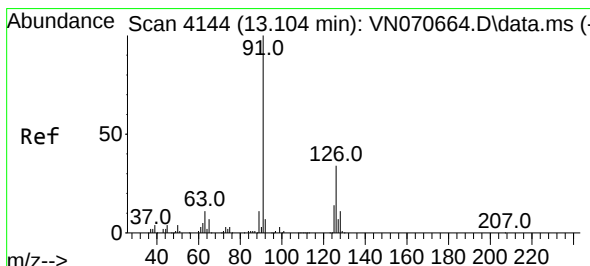
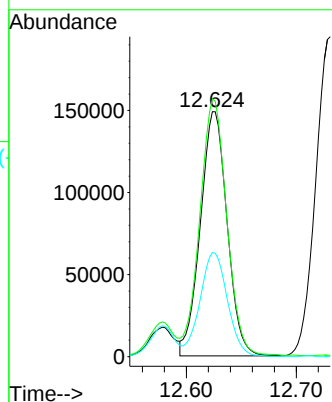
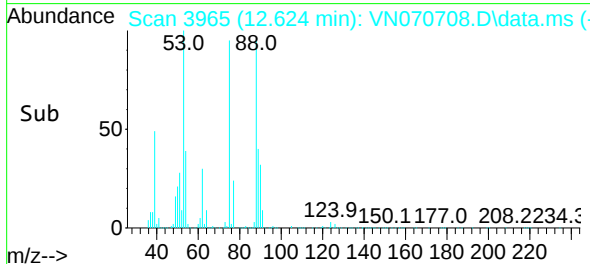
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 251172
Ion Ratio Lower Upper
75 100
53 105.6 90.5 135.7
89 43.7 38.2 57.4

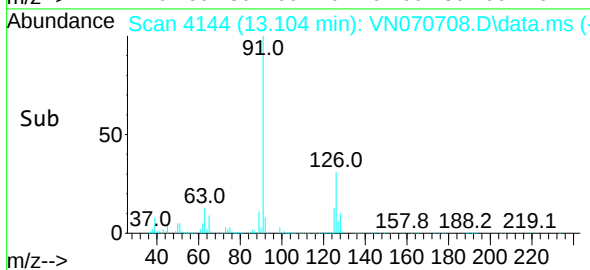
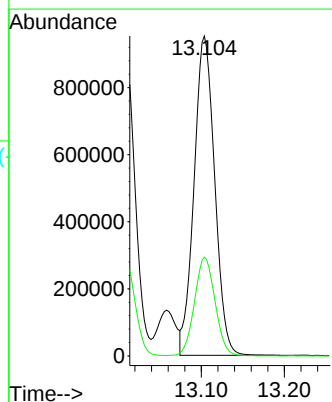
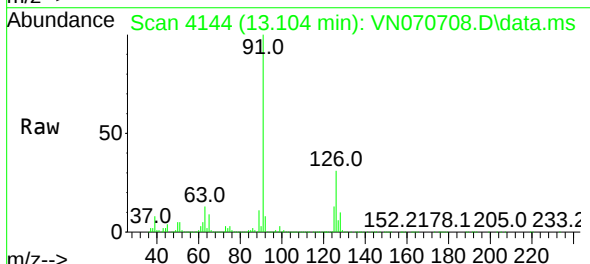
Manual Integrations
APPROVED

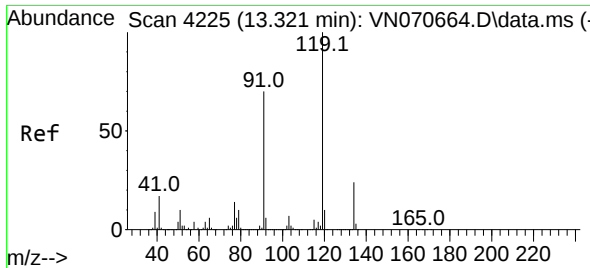
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#82
4-Chlorotoluene
Concen: 44.965 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

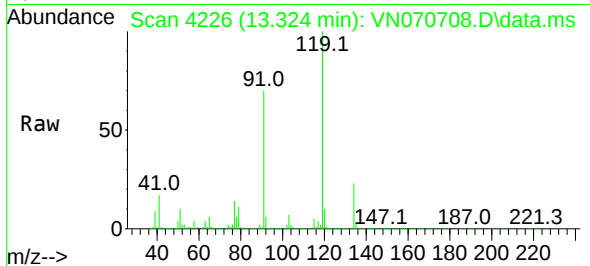
Tgt Ion: 91 Resp: 1641512
Ion Ratio Lower Upper
91 100
126 30.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 44.229 ug/l
RT: 13.324 min Scan# 4225
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

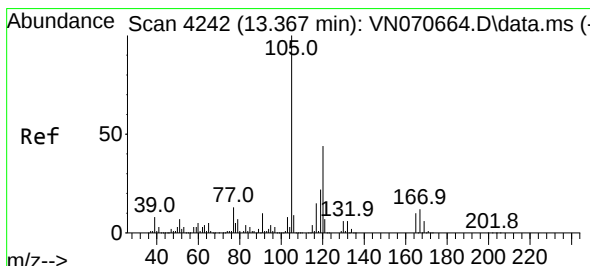
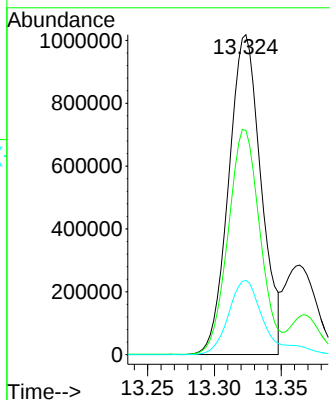
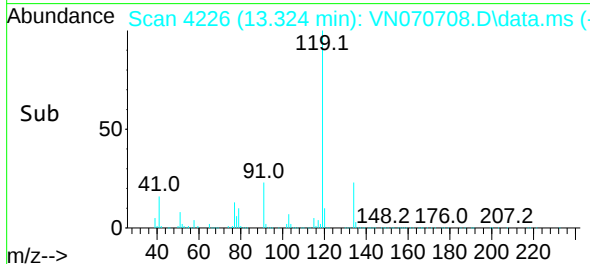
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



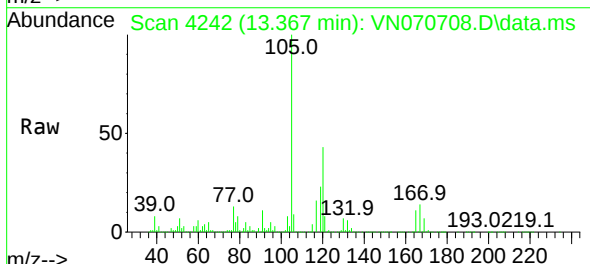
Tgt Ion:119 Resp: 1719570
Ion Ratio Lower Upper
119 100
91 69.2 31.5 94.5
134 25.7 12.4 37.4

Manual Integrations
APPROVED

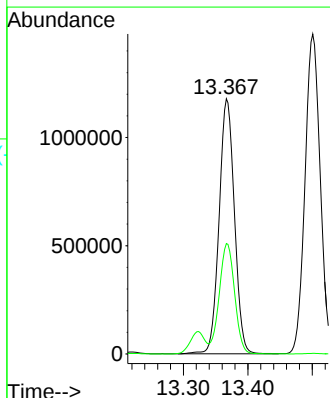
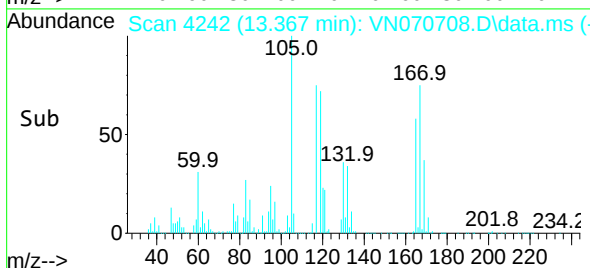
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

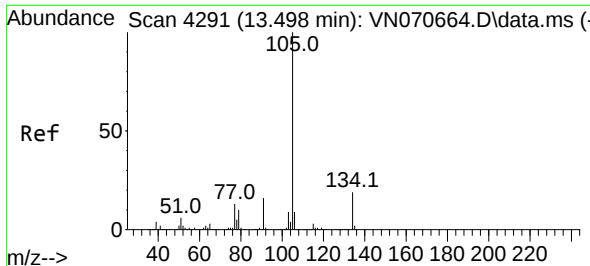


#84
1,2,4-Trimethylbenzene
Concen: 45.351 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



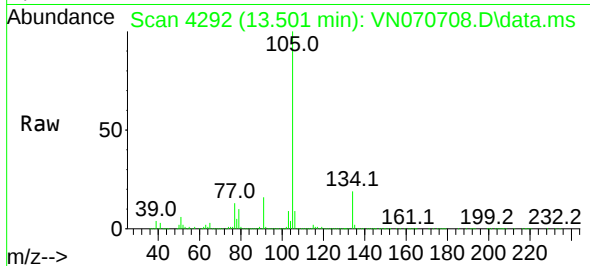
Tgt Ion:105 Resp: 1947039
Ion Ratio Lower Upper
105 100
120 43.4 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 45.727 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. 0.003 min
 Lab File: VN070708.D
 Acq: 19 Jan 2022 18:45

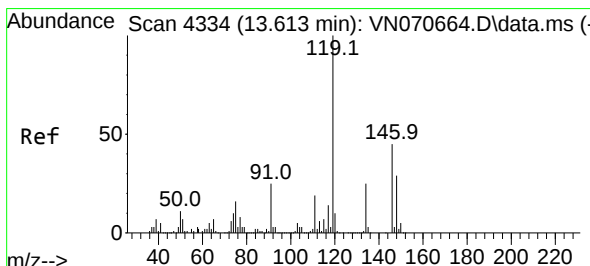
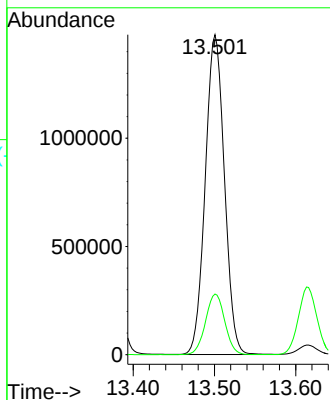
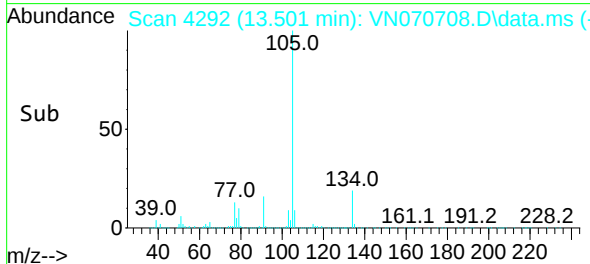
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



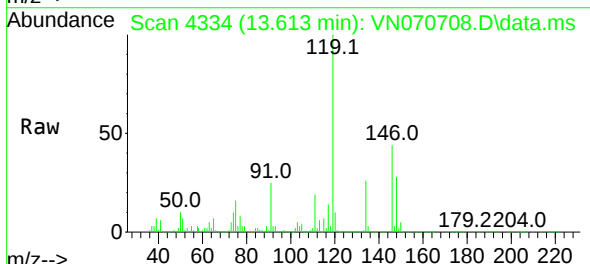
Tgt Ion:105 Resp: 241692
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1

Manual Integrations
 APPROVED

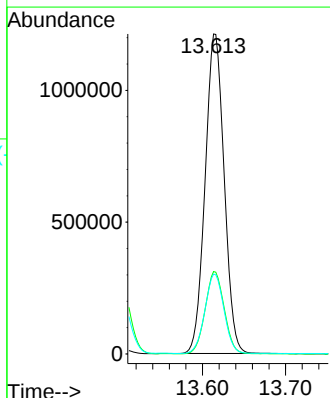
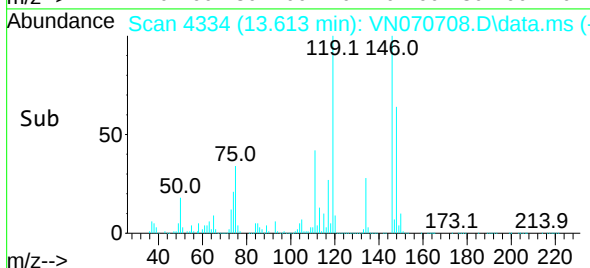
Reviewed By :John Carlone 01/20/2022
 Supervised By :Mahesh Dadoda 01/20/2022

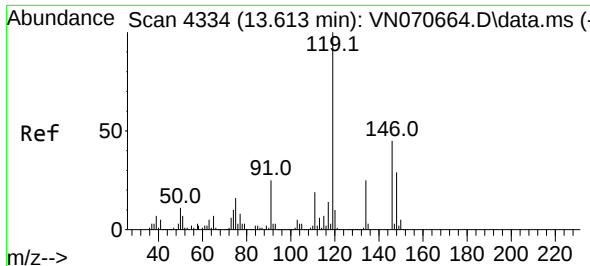


#86
 p-Isopropyltoluene
 Concen: 46.377 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070708.D
 Acq: 19 Jan 2022 18:45



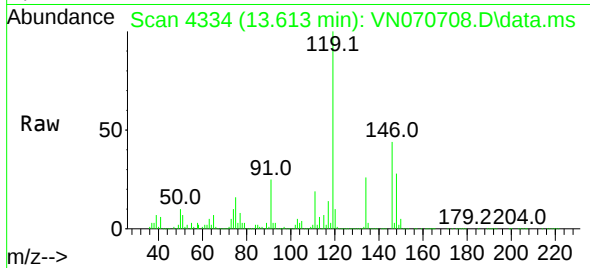
Tgt Ion:119 Resp: 1925660
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 44.779 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

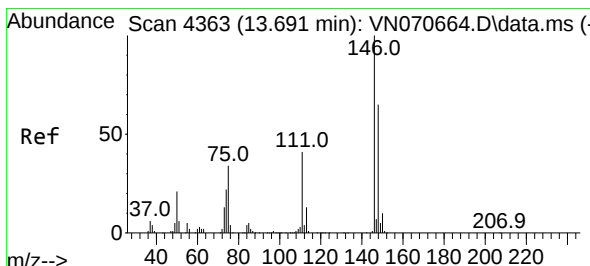
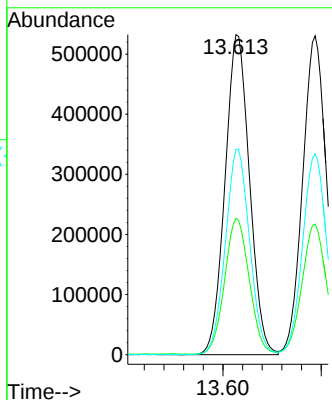
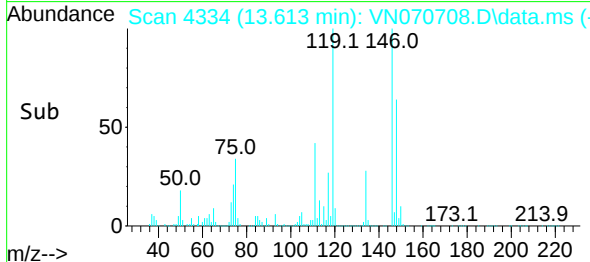
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



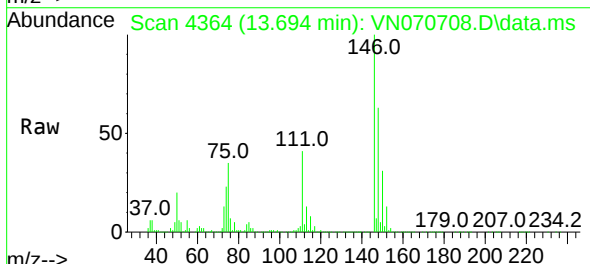
Tgt Ion:146 Resp: 922417
Ion Ratio Lower Upper
146 100
111 42.5 18.6 55.6
148 63.6 31.6 95.0

Manual Integrations
APPROVED

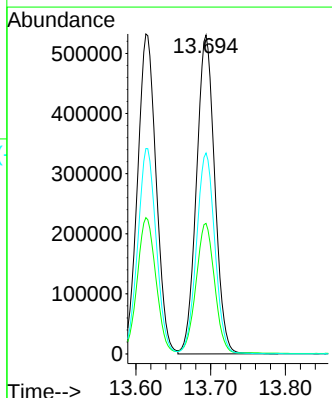
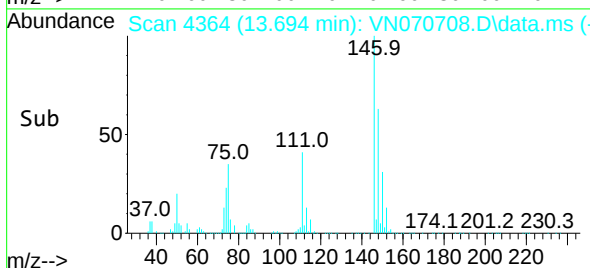
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

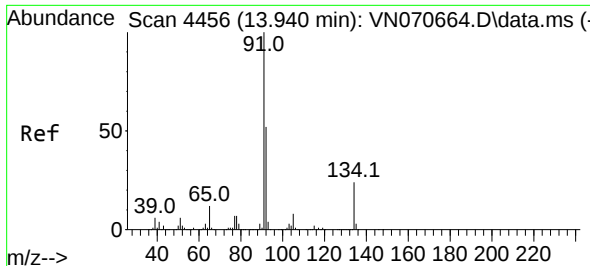


#88
1,4-Dichlorobenzene
Concen: 43.905 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



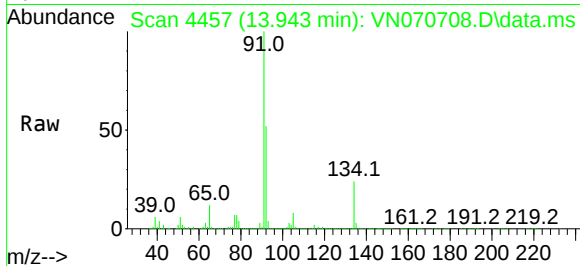
Tgt Ion:146 Resp: 900058
Ion Ratio Lower Upper
146 100
111 41.1 18.3 54.8
148 63.5 31.8 95.4





#89
n-Butylbenzene
Concen: 47.568 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

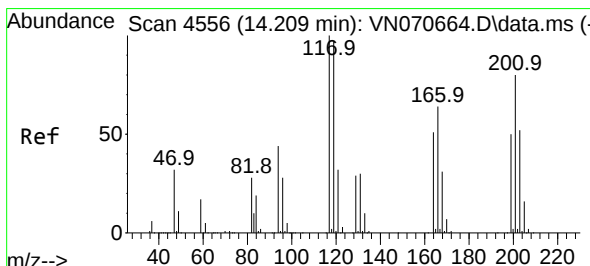
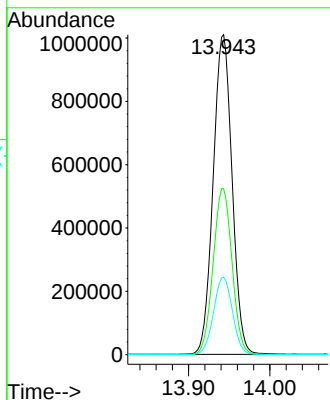
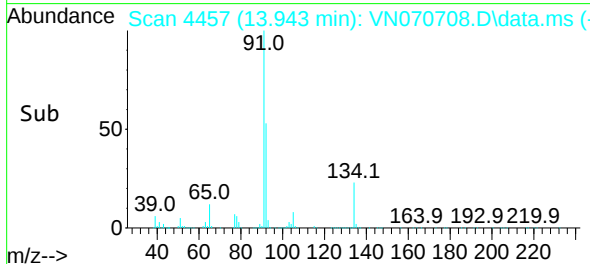
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1629394
Ion Ratio Lower Upper
91 100
92 52.1 25.4 76.0
134 24.3 13.6 40.8

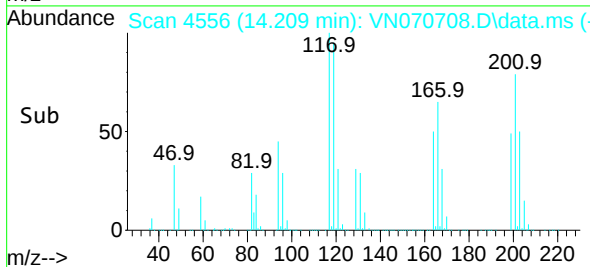
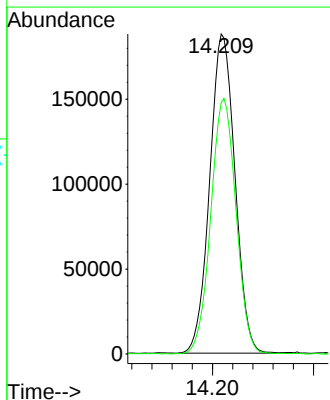
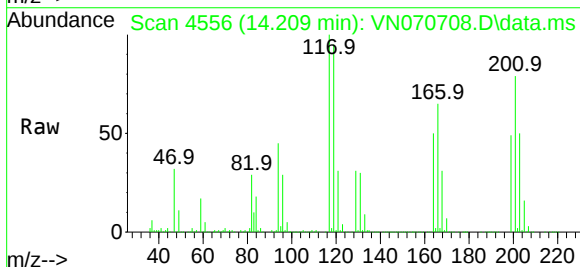
Manual Integrations
APPROVED

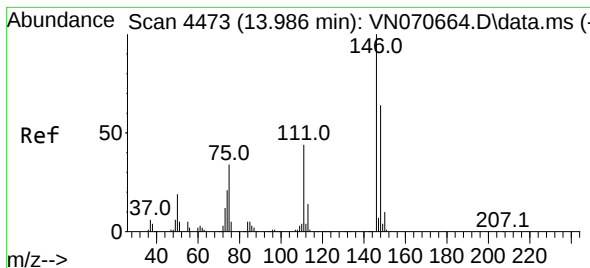
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#90
Hexachloroethane
Concen: 44.838 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

Tgt Ion:117 Resp: 325435
Ion Ratio Lower Upper
117 100
201 80.3 43.9 131.6





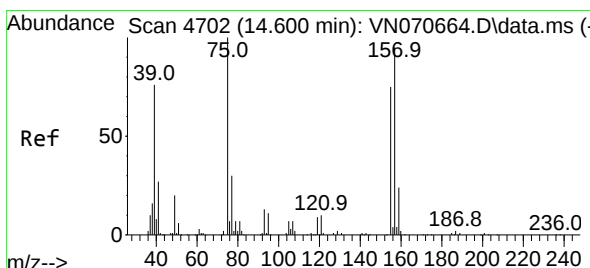
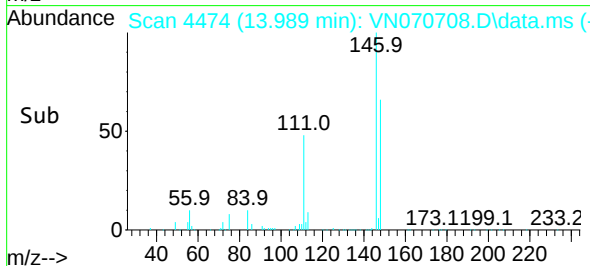
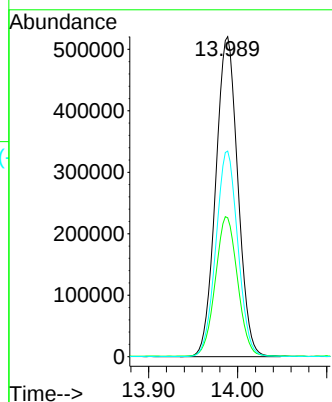
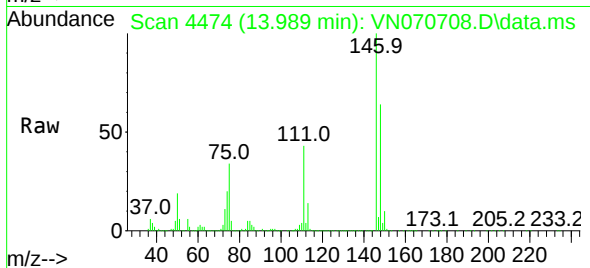
#91
1,2-Dichlorobenzene
Concen: 44.242 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 900415
Ion Ratio Lower Upper
146 100
111 43.7 19.1 57.3
148 63.8 32.1 96.3

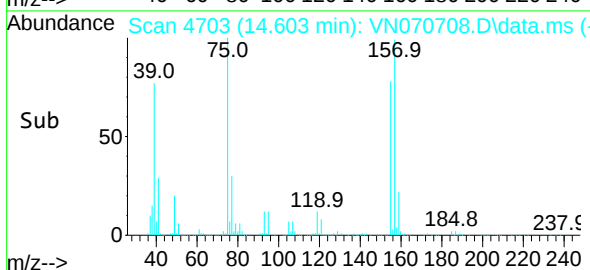
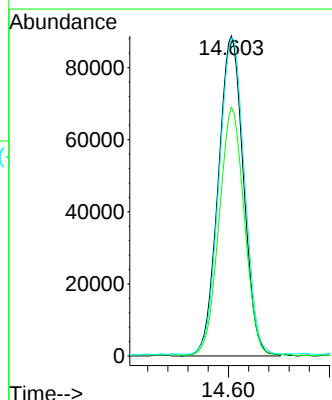
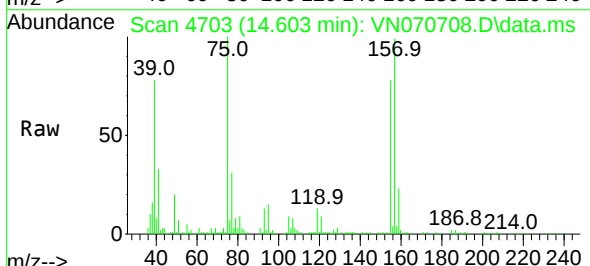
Manual Integrations
APPROVED

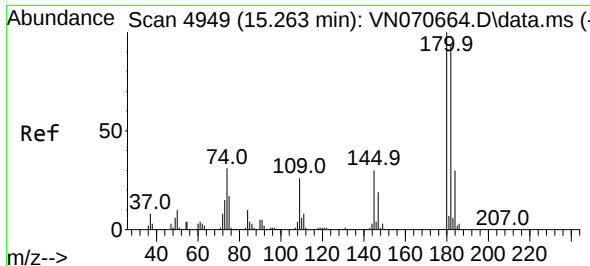
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.605 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

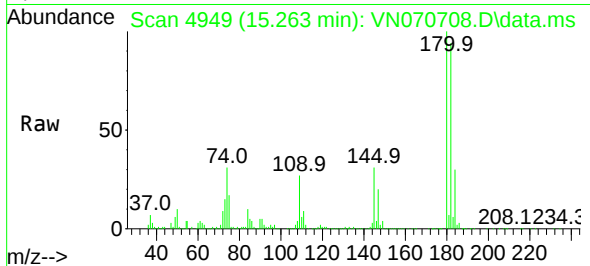
Tgt Ion: 75 Resp: 153789
Ion Ratio Lower Upper
75 100
155 77.3 46.9 140.7
157 99.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 44.011 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

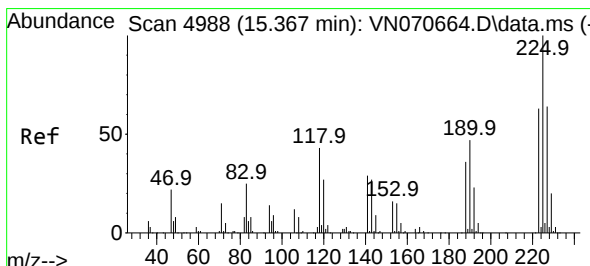
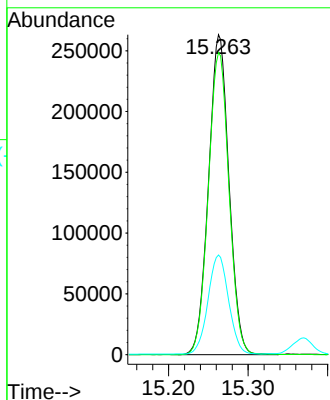
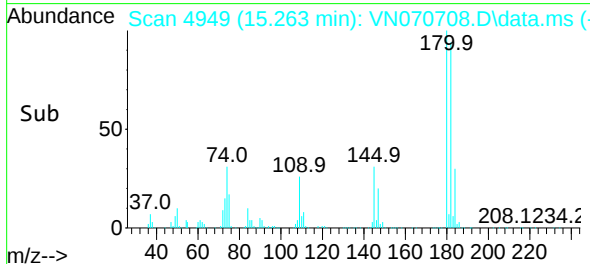
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



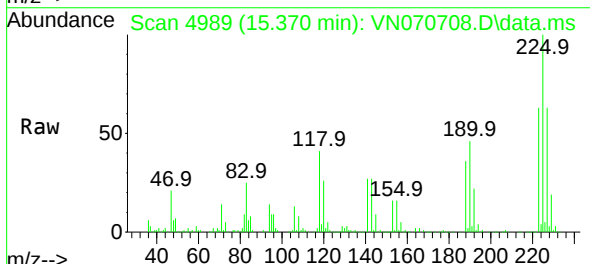
Tgt Ion:180 Resp: 46994
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
APPROVED

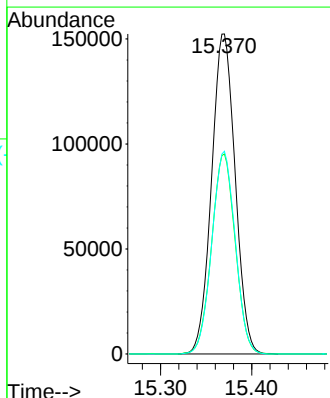
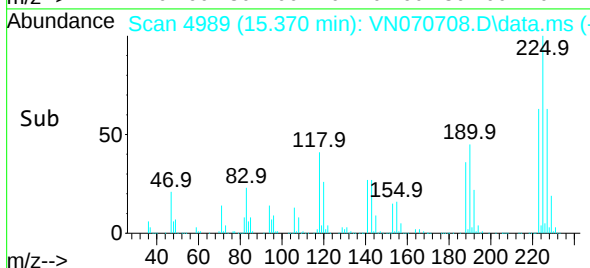
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

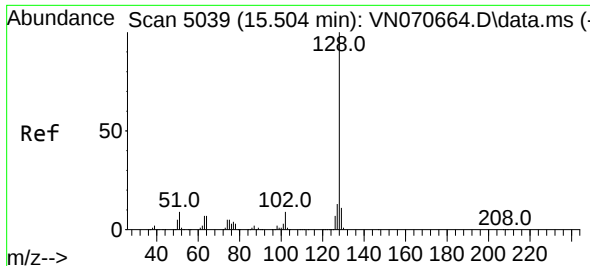


#94
Hexachlorobutadiene
Concen: 45.436 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



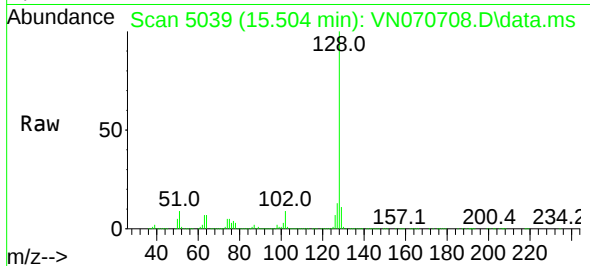
Tgt Ion:225 Resp: 273873
Ion Ratio Lower Upper
225 100
223 62.6 31.9 95.7
227 62.8 32.1 96.3





#95
Naphthalene
Concen: 46.574 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45

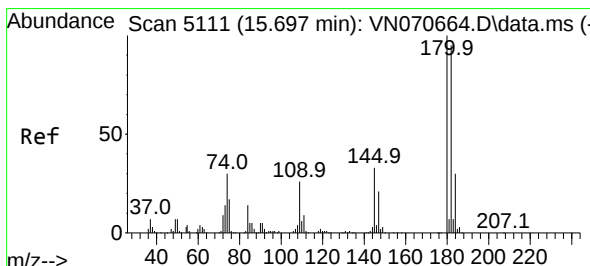
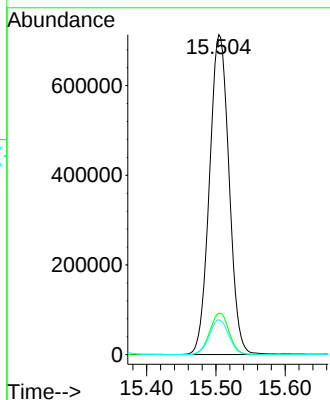
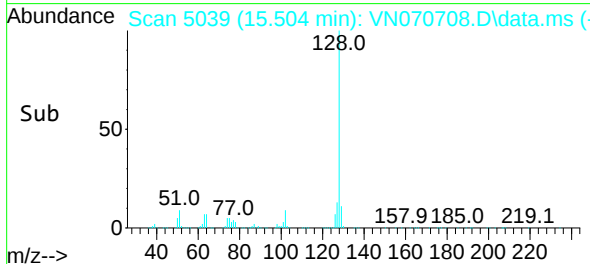
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



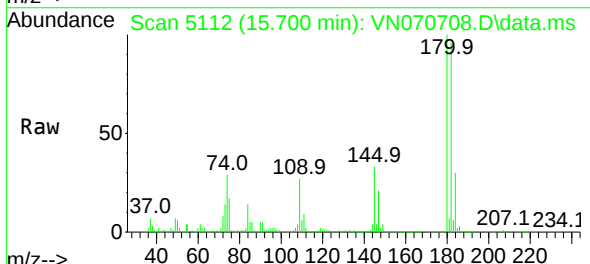
Tgt Ion:128 Resp: 1398544
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 45.212 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.003 min
Lab File: VN070708.D
Acq: 19 Jan 2022 18:45



Tgt Ion:180 Resp: 462749
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.2
145 32.3 15.0 45.1

