

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072658.D
 Acq On : 06 Jun 2022 11:41
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 06 13:12:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 13:10:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	45496	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	270721	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.739	117	248524	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	157222	34.298	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 114.333%#			
60) 4-Bromofluorobenzene	12.727	95	158457	35.403	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 118.000%#			
63) Toluene-d8	10.439	98	414576	29.423	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.067%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	161175	51.931	ug/l	95
3) Chloromethane	2.293	50	173220	42.338	ug/l	96
4) Vinyl Chloride	2.434	62	157733	45.634	ug/l	97
5) Bromomethane	2.840	94	77076	44.872	ug/l	95
6) Chloroethane	3.005	64	99930	45.468	ug/l	99
7) Trichlorofluoromethane	3.363	101	286684	56.309	ug/l	99
8) Diethyl Ether	3.822	74	113307	54.462	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.204	101	152559	54.834	ug/l	76
10) 1,1-Dichloroethene	4.181	96	140752	52.328	ug/l	89
11) Methyl Iodide	4.416	142	152985	57.645	ug/l	97
12) Methyl Acetate	4.846	43	294804	54.401	ug/l	93
13) Acrolein	4.034	56	122232	206.020	ug/l	99
14) Acrylonitrile	5.546	53	612450	265.154	ug/l	98
15) Acetone	4.275	58	164021	273.996	ug/l	83
16) Carbon Disulfide	4.528	76	339094	46.682	ug/l	98
17) Allyl chloride	4.834	41	313032	54.723	ug/l	93
18) Methylene Chloride	5.093	84	178516	50.845	ug/l	89
19) trans-1,2-Dichloroethene	5.587	96	155218	52.748	ug/l	93
20) Diisopropyl ether	6.487	45	629050	48.629	ug/l	97
21) 1,1-Dichloroethane	6.381	63	343143	51.644	ug/l	100
22) cis-1,2-Dichloroethene	7.316	96	192824	50.938	ug/l	90
23) tert-Butyl Alcohol	5.357	59	273158	317.544	ug/l	# 100
24) Methyl tert-Butyl Ether	5.610	73	645267	59.293	ug/l	97
25) Chloroform	7.816	83	353258	51.761	ug/l	98
26) Cyclohexane	8.092	56	281433	45.455	ug/l	# 92
29) 1,1-Dichloropropene	8.216	75	243664	48.884	ug/l	95
30) 2-Butanone	7.328	43	905063	266.909	ug/l	94
31) 2,2-Dichloropropane	7.322	77	330032	61.479	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	322767	56.279	ug/l	96
33) Carbon Tetrachloride	8.198	117	275782	54.408	ug/l	97
34) Benzene	8.457	78	730079	47.077	ug/l	99
35) Methacrylonitrile	7.628	41	172896	49.578	ug/l	93
36) 1,2-Dichloroethane	8.528	62	305358	56.975	ug/l	98
37) Trichloroethene	9.210	130	174889	47.229	ug/l	85
38) Methylcyclohexane	9.457	83	291039	47.286	ug/l	93
39) 1,2-Dichloropropane	9.486	63	199727	47.980	ug/l	99
40) Dibromomethane	9.575	93	136077	50.730	ug/l	96
41) Bromodichloromethane	9.757	83	294405	53.710	ug/l	98
42) Vinyl Acetate	6.422	43	2946010	264.810	ug/l	99

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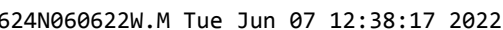
Quant Time: Jun 06 13:12:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 13:10:13 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	333230	50.416	ug/l	96
44) Isopropyl Acetate	8.557	43	563047	54.207	ug/l	99
45) 1,4-Dioxane	9.563	88	92600	1064.457	ug/l	91
46) Methyl methacrylate	9.551	41	244048	50.111	ug/l	85
47) n-amyl Acetate	12.380	43	456158	60.238	ug/l	97
48) t-1,3-Dichloropropene	10.716	75	335341	56.048	ug/l	97
49) cis-1,3-Dichloropropene	10.186	75	341177	53.005	ug/l	97
50) 1,1,2-Trichloroethane	10.892	97	192714	49.184	ug/l	97
51) Ethyl methacrylate	10.757	69	351655	52.379	ug/l	95
52) 1,3-Dichloropropane	11.039	76	341454	49.196	ug/l	100
53) Dibromochloromethane	11.233	129	215204	52.757	ug/l	100
54) 1,2-Dibromoethane	11.339	107	201789	50.080	ug/l	97
55) 2-Chloroethyl vinyl ether	10.039	63	701647	242.956	ug/l	99
56) Bromoform	12.451	173	152598	52.693	ug/l #	99
58) 4-Methyl-2-Pentanone	10.328	43	1791969	250.376	ug/l	99
59) 2-Hexanone	11.080	43	1388171	269.324	ug/l	99
61) Tetrachloroethene	10.975	164	145829	45.866	ug/l	96
62) Toluene	10.504	91	802869	47.373	ug/l	98
64) Chlorobenzene	11.763	112	492418	49.399	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.839	131	196132	49.507	ug/l	99
66) Ethyl Benzene	11.839	91	928449	48.729	ug/l	99
67) m/p-Xylenes	11.945	106	680439	99.251	ug/l	93
68) o-Xylene	12.274	106	341125	49.603	ug/l	92
69) Styrene	12.292	104	560621	51.635	ug/l	94
70) Isopropylbenzene	12.574	105	906954	51.534	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.822	83	314974	52.219	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	264504m	46.312	ug/l	
73) Bromobenzene	12.857	156	187228	49.342	ug/l	73
74) n-propylbenzene	12.916	91	1055583	52.894	ug/l	98
75) 2-Chlorotoluene	13.004	91	644657	52.919	ug/l	94
76) 1,3,5-Trimethylbenzene	13.057	105	753032	53.717	ug/l	100
77) t-1,4-Dichloro-2-butene	12.622	75	119652	58.694	ug/l	98
78) 4-Chlorotoluene	13.098	91	614514	55.269	ug/l	92
79) tert-butylbenzene	13.321	119	670178	54.646	ug/l	97
80) 1,2,4-Trimethylbenzene	13.498	105	916449	64.945	ug/l	100
81) sec-Butylbenzene	13.498	105	916449	52.018	ug/l	99
82) p-Isopropyltoluene	13.610	119	743131	54.381	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	330366	49.940	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	317163	49.280	ug/l	95
85) n-Butylbenzene	13.939	91	628305	55.165	ug/l	97
86) Hexachloroethane	14.204	117	163822	58.252	ug/l	91
87) 1,2-Dichlorobenzene	13.986	146	330824	50.892	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.598	75	79611	63.444	ug/l	86
89) 1,2,4-Trichlorobenzene	15.257	180	163283	50.430	ug/l	97
90) Hexachlorobutadiene	15.363	225	74428	46.882	ug/l	98
91) Naphthalene	15.504	128	650982	55.419	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	168112	51.184	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

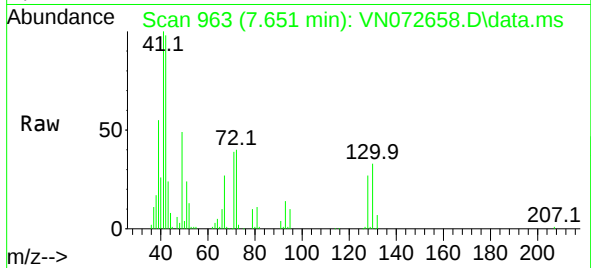
Quant Time: Jun 06 13:12:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 13:10:13 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

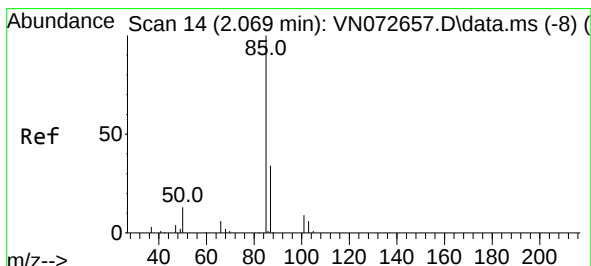
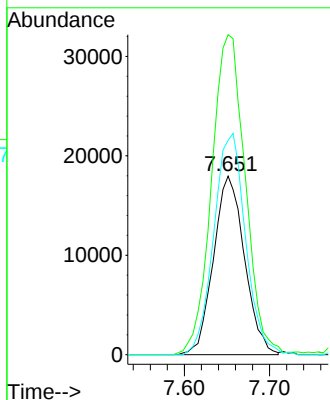
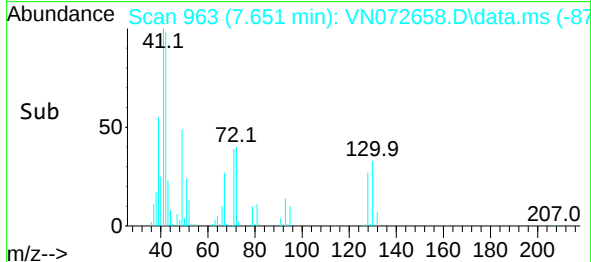
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 128 Resp: 45490
Ion Ratio Lower Upper
128 100
49 193.8 0.0 392.3
130 126.6 0.0 320.2

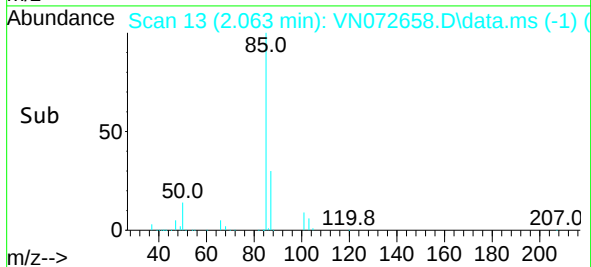
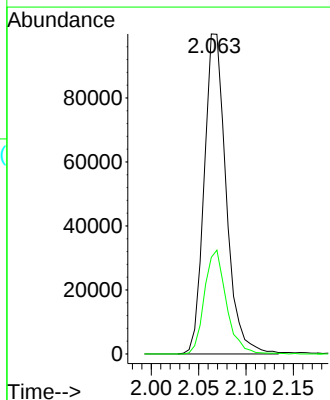
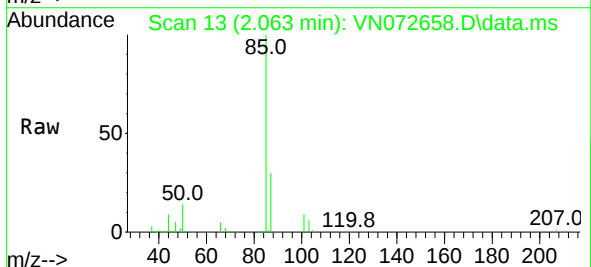
Manual Integrations
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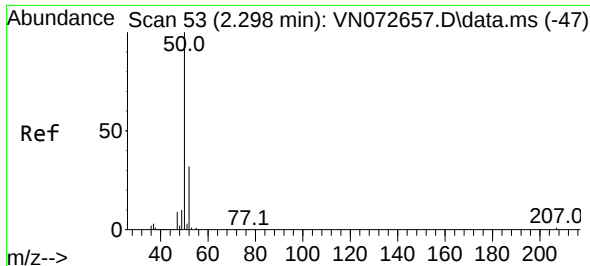
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#2
Dichlorodifluoromethane
Concen: 51.931 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

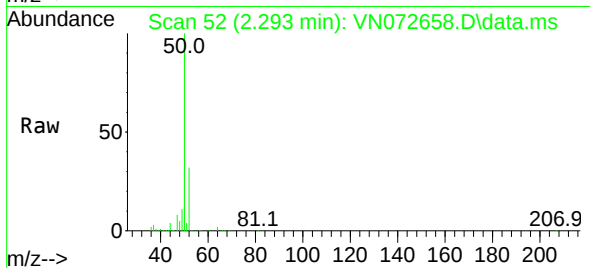
Tgt Ion: 85 Resp: 161175
Ion Ratio Lower Upper
85 100
87 30.2 16.6 49.7





#3
Chloromethane
Concen: 42.338 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

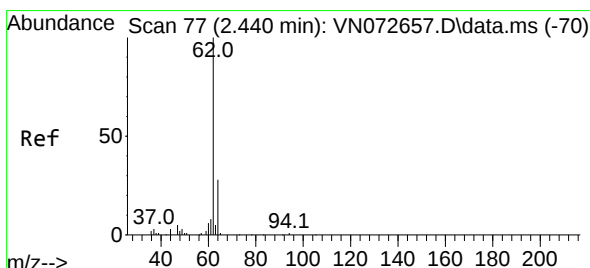
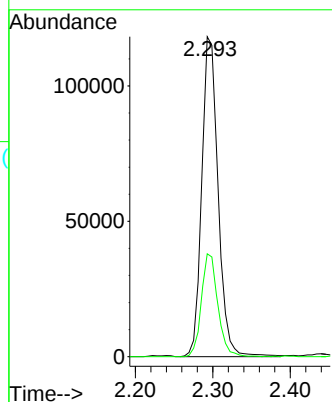
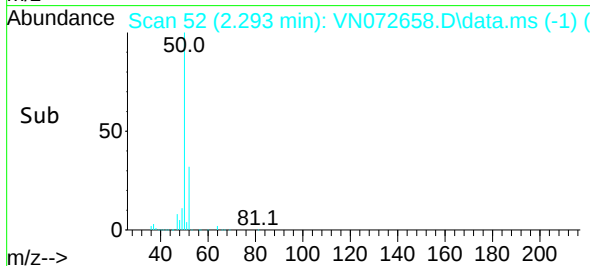
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 50 Resp: 173220
Ion Ratio Lower Upper
50 100
52 32.2 27.8 41.6

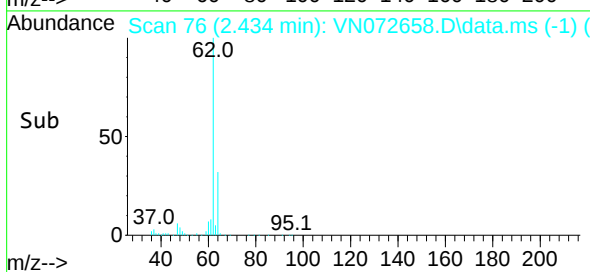
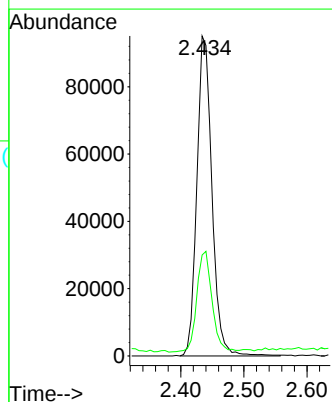
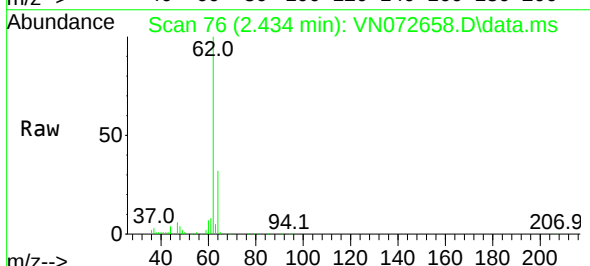
Manual Integrations
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Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#4
Vinyl Chloride
Concen: 45.634 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

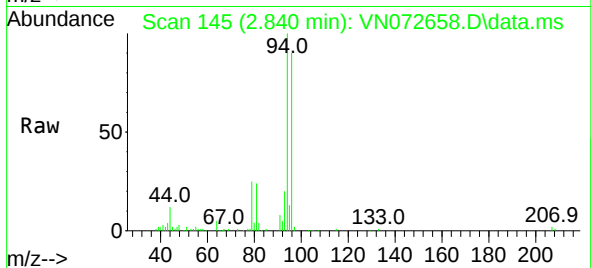
Tgt Ion: 62 Resp: 157733
Ion Ratio Lower Upper
62 100
64 30.0 25.1 37.7





#5
Bromomethane
Concen: 44.872 ug/l
RT: 2.840 min Scan# 147
Delta R.T. -0.012 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

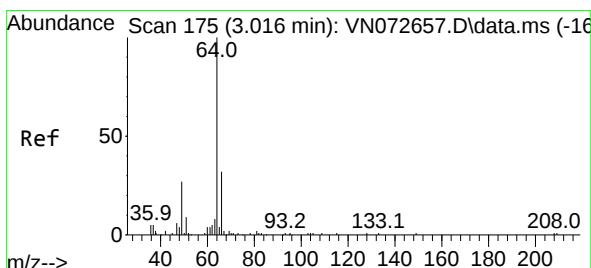
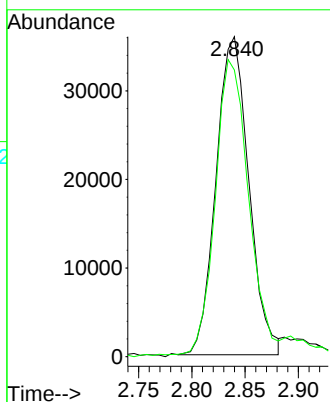
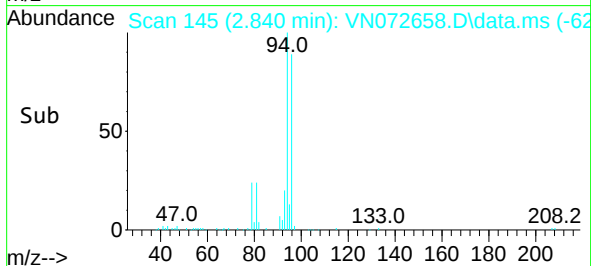
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 94 Resp: 77070
Ion Ratio Lower Upper
94 100
96 89.3 75.2 112.8

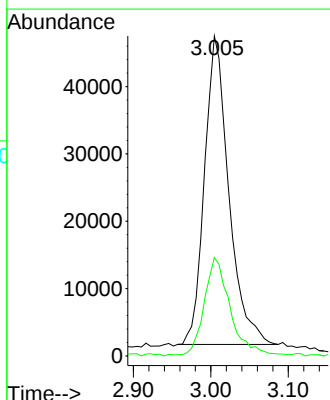
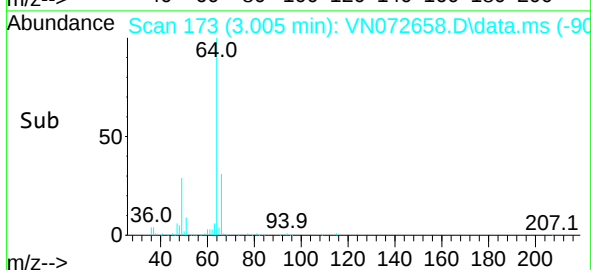
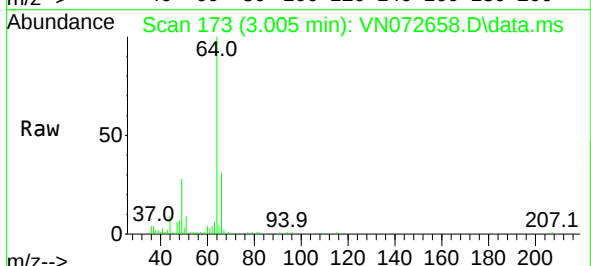
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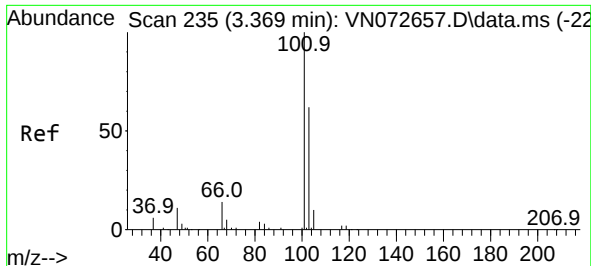
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#6
Chloroethane
Concen: 45.468 ug/l
RT: 3.005 min Scan# 173
Delta R.T. -0.012 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

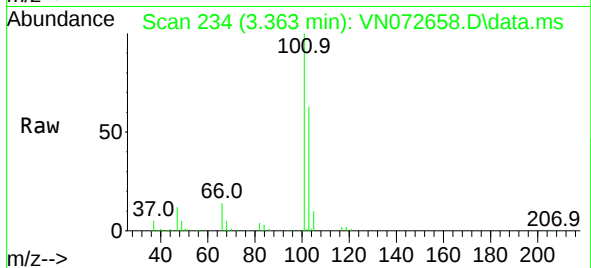
Tgt Ion: 64 Resp: 99930
Ion Ratio Lower Upper
64 100
66 31.5 24.6 36.8





#7
Trichlorofluoromethane
Concen: 56.309 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

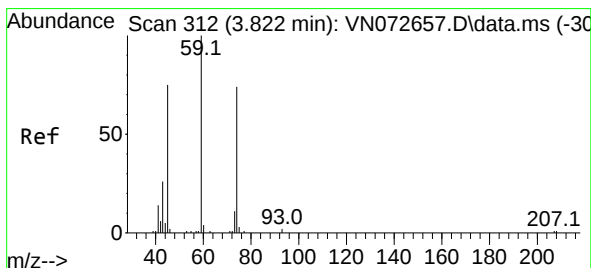
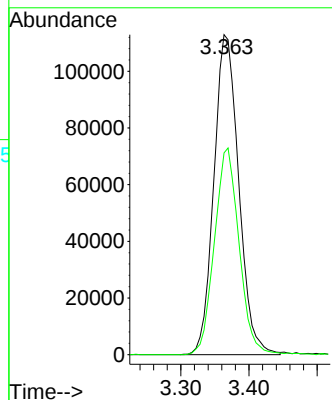
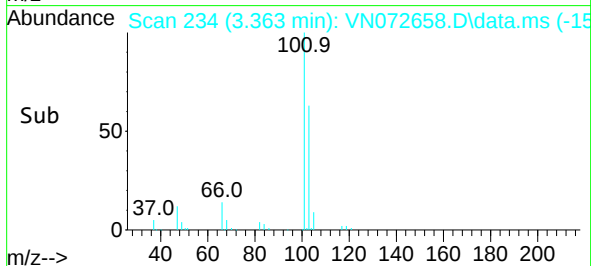
Instrument :
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Tgt Ion:101 Resp: 286684
Ion Ratio Lower Upper
101 100
103 63.1 50.1 75.1

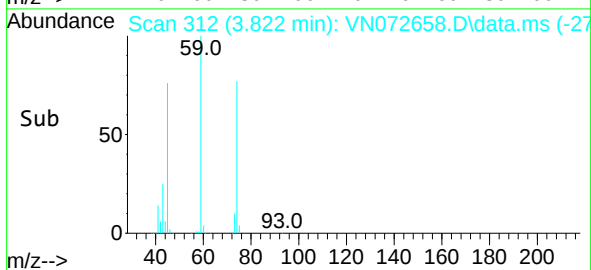
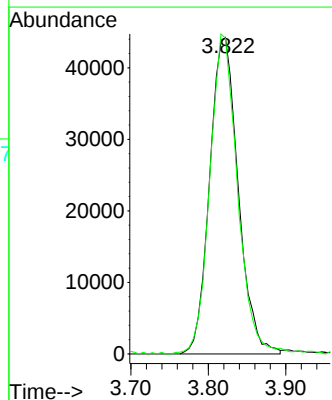
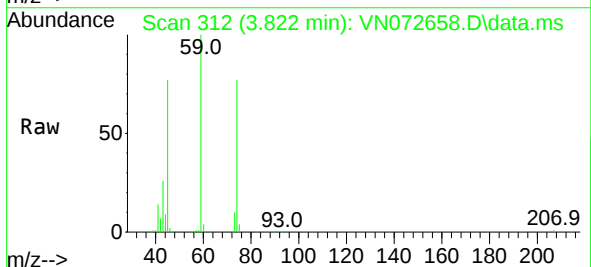
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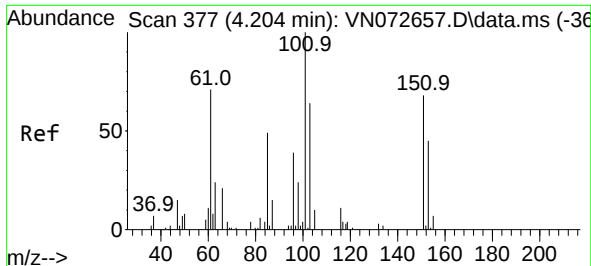
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#8
Diethyl Ether
Concen: 54.462 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

Tgt Ion: 74 Resp: 113307
Ion Ratio Lower Upper
74 100
45 98.0 17.6 158.8





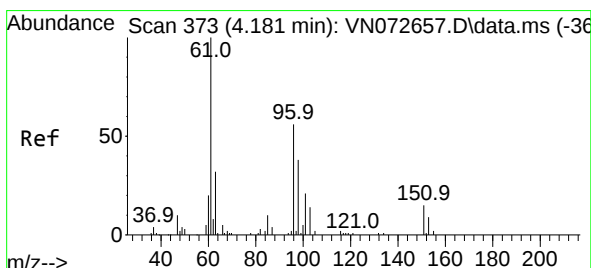
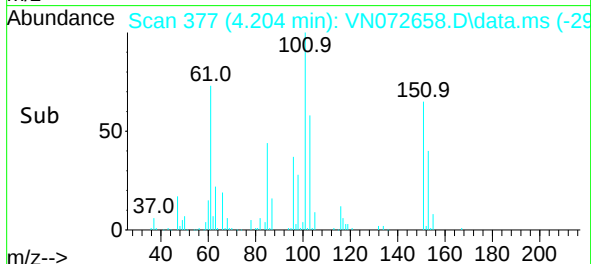
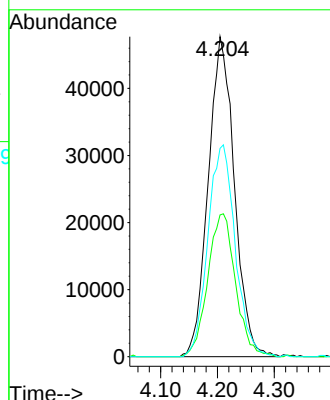
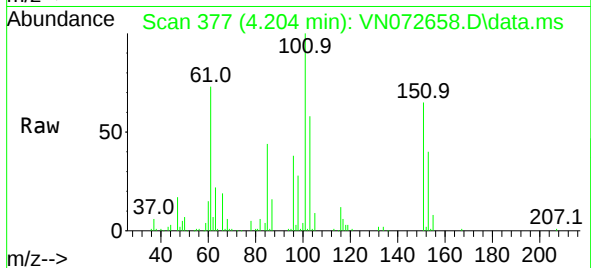
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1,1,2-Trichlorotrifluoroethane
Concen: 54.834 ug/l
RT: 4.204 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 15255
Ion Ratio Lower Upper
101 100
85 47.4 0.0 94.0
151 69.2 0.0 74.6

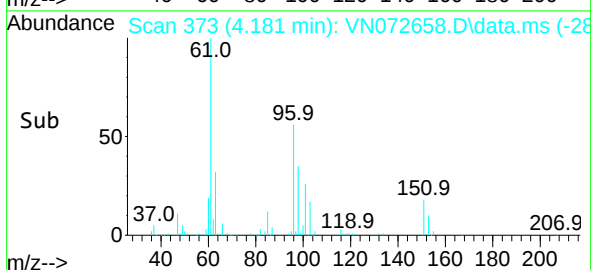
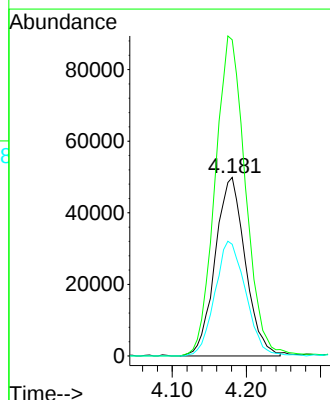
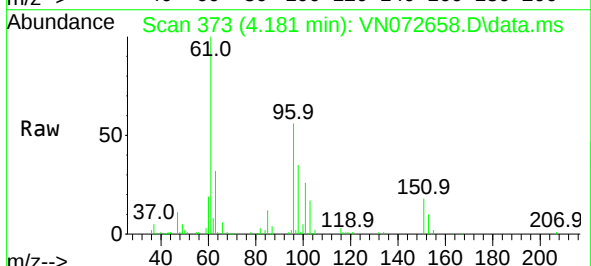
Manual Integrations
APPROVED

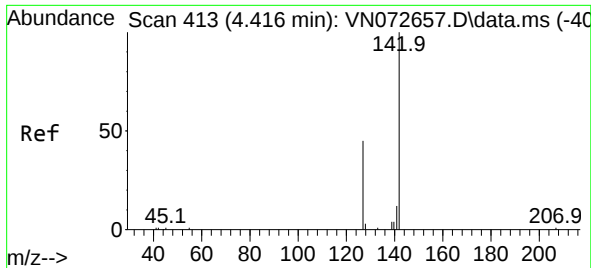
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#10
1,1-Dichloroethene
Concen: 52.328 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

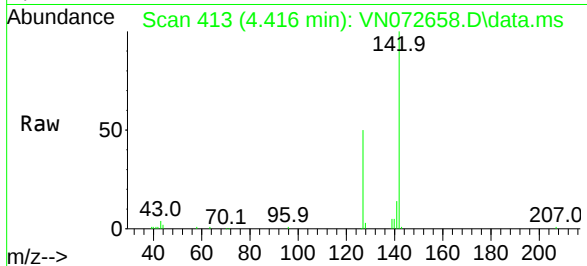
Tgt Ion: 96 Resp: 140752
Ion Ratio Lower Upper
96 100
61 177.1 126.2 189.4
98 62.5 50.9 76.3





#11
Methyl Iodide
Concen: 57.645 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

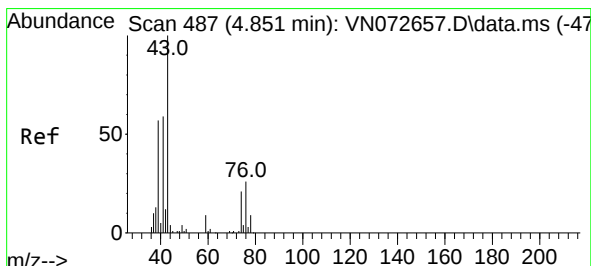
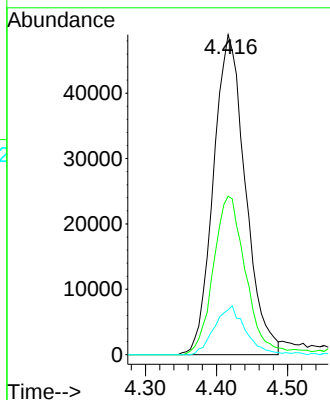
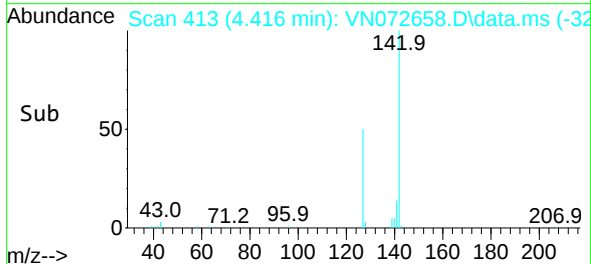
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:142 Resp: 152985
Ion Ratio Lower Upper
142 100
127 49.5 24.0 72.0
141 13.9 8.4 25.2

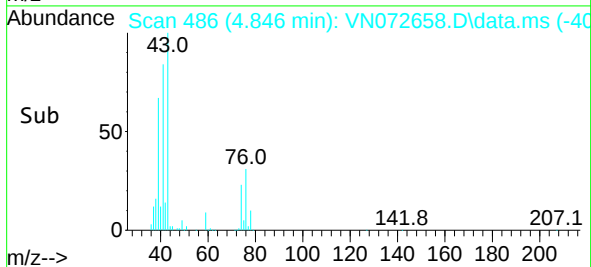
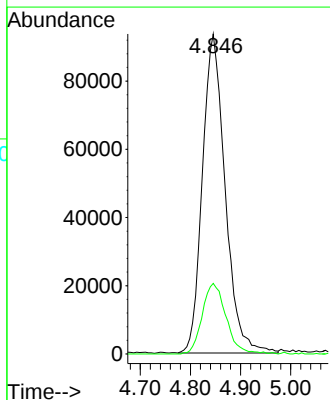
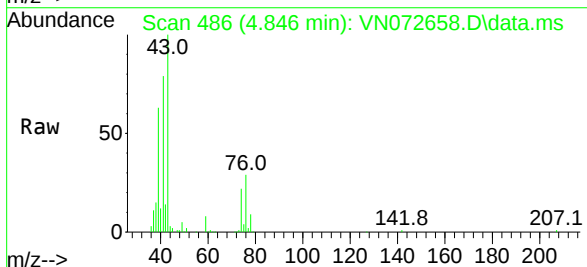
Manual Integrations
APPROVED

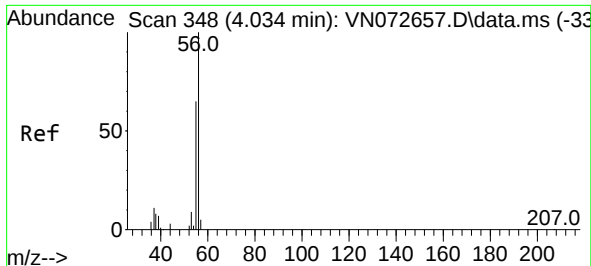
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#12
Methyl Acetate
Concen: 54.401 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

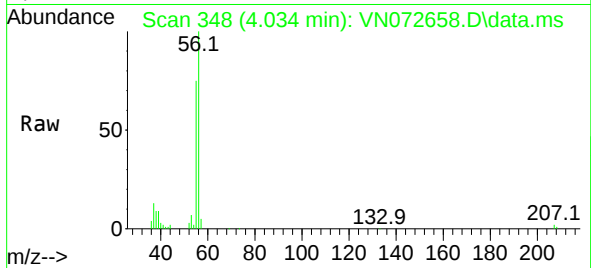
Tgt Ion: 43 Resp: 294804
Ion Ratio Lower Upper
43 100
74 22.2 20.8 31.2





#13
Acrolein
Concen: 206.020 ug/l
RT: 4.034 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

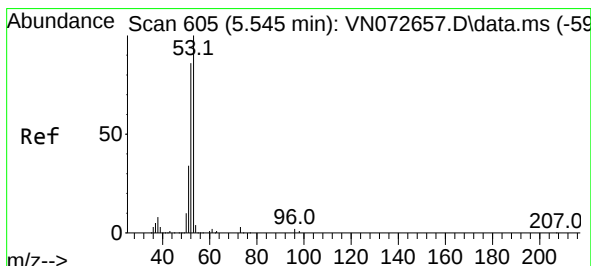
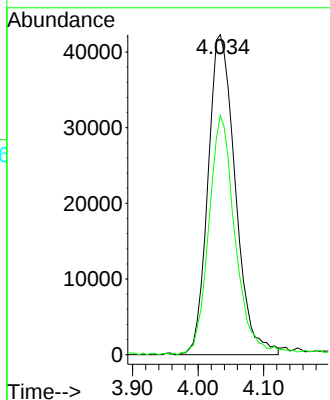
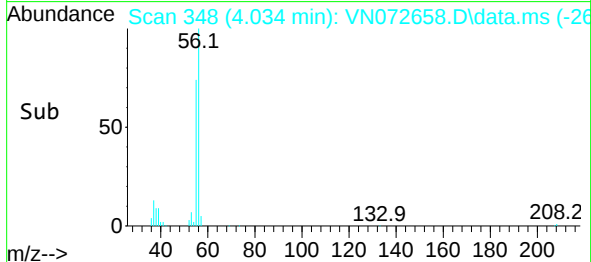
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



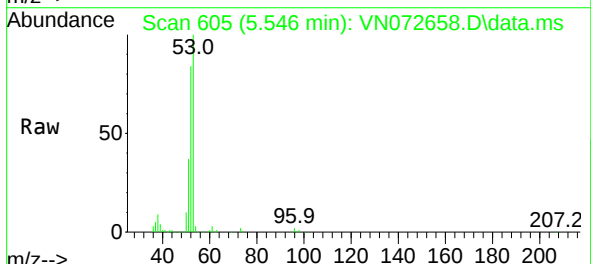
Tgt Ion: 56 Resp: 12223
Ion Ratio Lower Upper
56 100
55 71.2 57.6 86.4

Manual Integrations
APPROVED

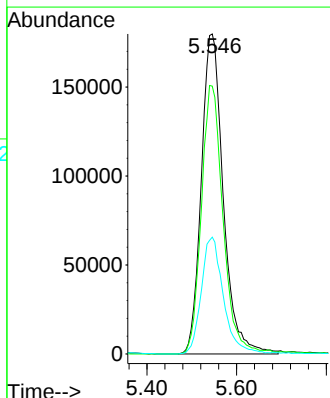
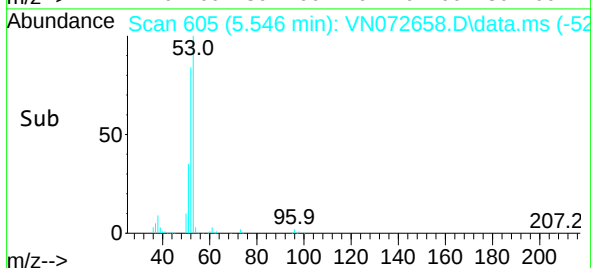
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

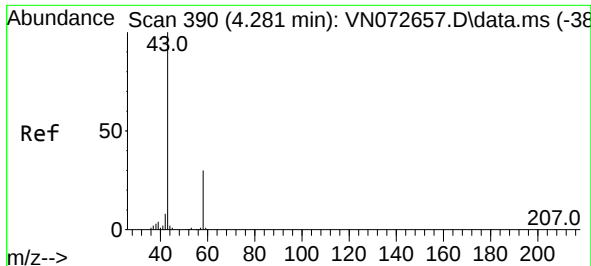


#14
Acrylonitrile
Concen: 265.154 ug/l
RT: 5.546 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41



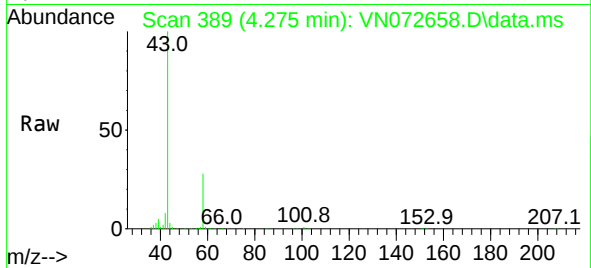
Tgt Ion: 53 Resp: 612450
Ion Ratio Lower Upper
53 100
52 82.5 41.8 125.4
51 36.6 19.0 57.0





#15
Acetone
Concen: 273.996 ug/l
RT: 4.275 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

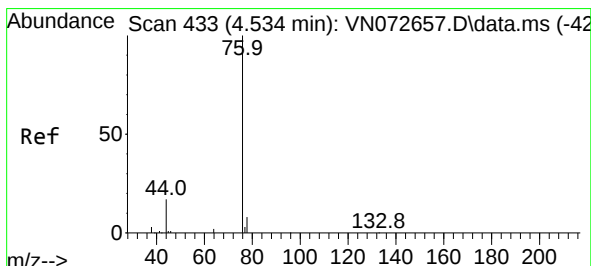
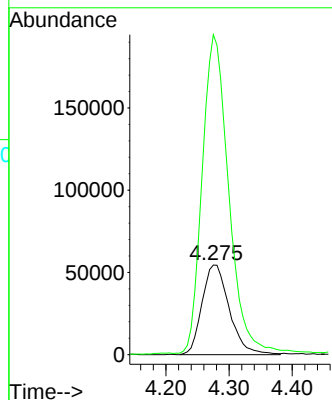
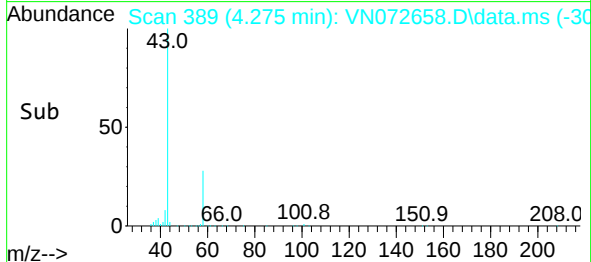
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 58 Resp: 16402
Ion Ratio Lower Upper
58 100
43 355.5 256.6 384.8

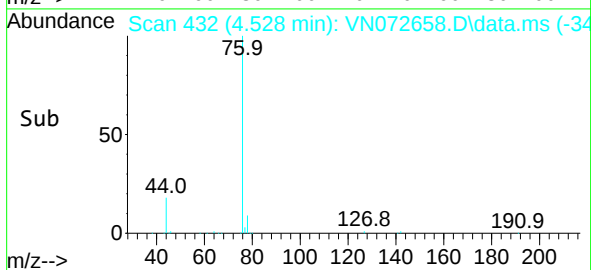
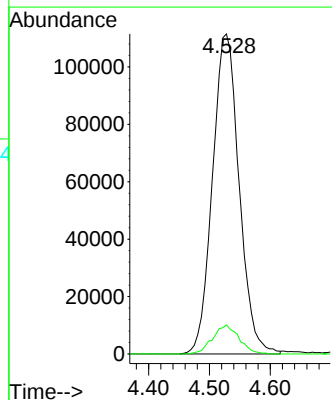
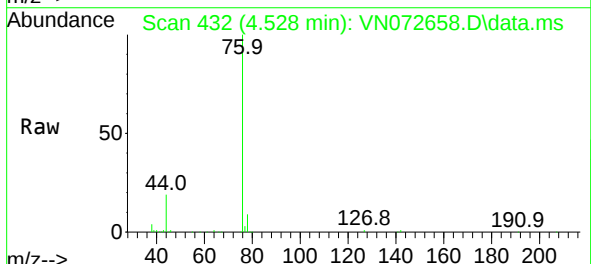
Manual Integrations
APPROVED

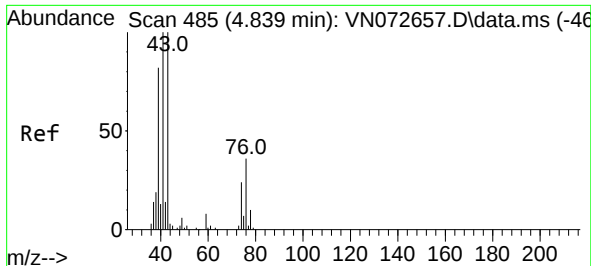
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#16
Carbon Disulfide
Concen: 46.682 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

Tgt Ion: 76 Resp: 339094
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





#17

Allyl chloride

Concen: 54.723 ug/l

RT: 4.834 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN072658.D

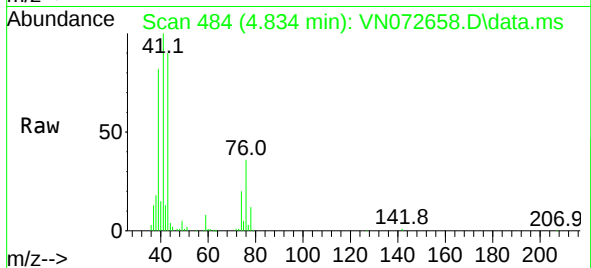
Acq: 06 Jun 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



Tgt Ion: 41 Resp: 31303

Ion Ratio Lower Upper

41 100

39 81.7 44.6 134.0

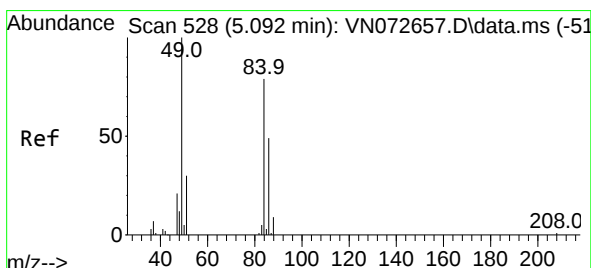
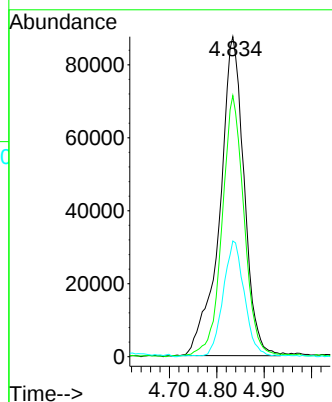
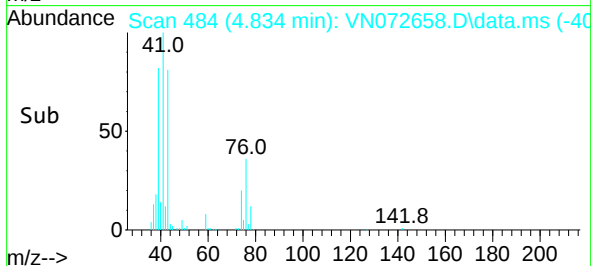
76 36.1 19.6 58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#18

Methylene Chloride

Concen: 50.845 ug/l

RT: 5.093 min Scan# 528

Delta R.T. 0.000 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

Tgt Ion: 84 Resp: 178516

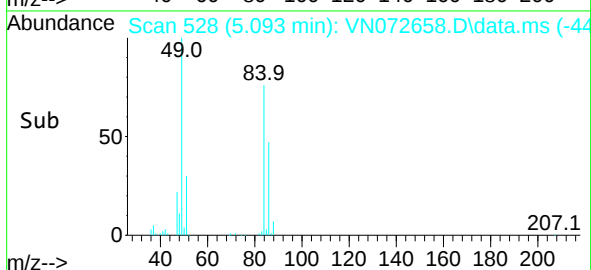
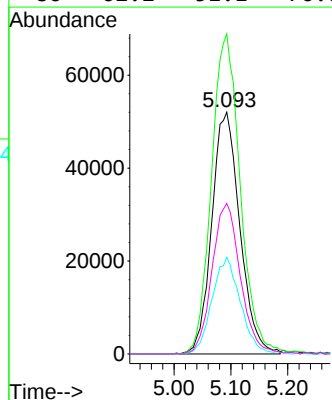
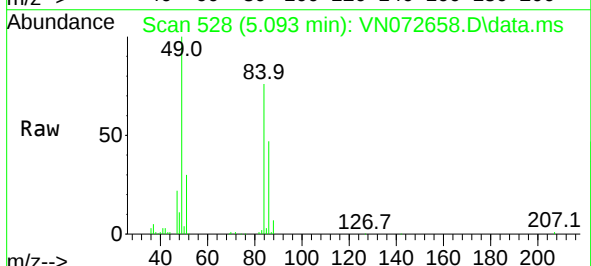
Ion Ratio Lower Upper

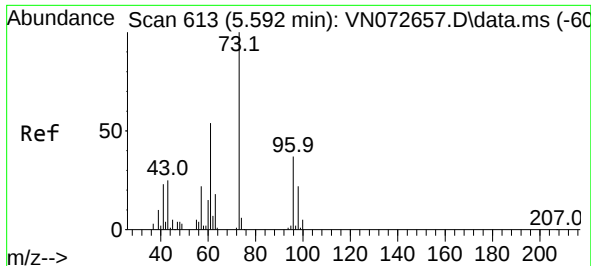
84 100

49 132.3 91.4 137.0

51 40.0 29.4 44.0

86 62.2 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 52.748 ug/l

RT: 5.587 min Scan# 613

Delta R.T. -0.006 min

Lab File: VN072658.D

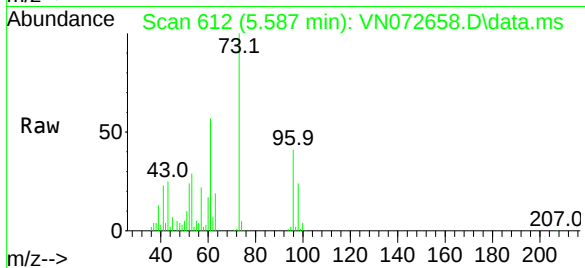
Acq: 06 Jun 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



Tgt Ion: 96 Resp: 155218

Ion Ratio Lower Upper

96 100

61 137.5 102.8 154.2

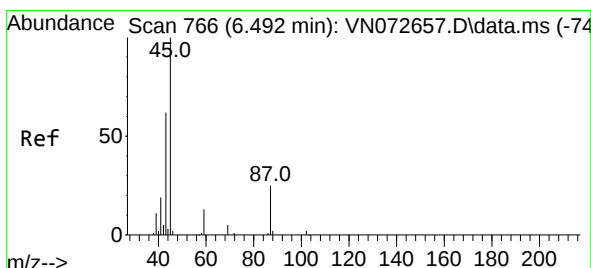
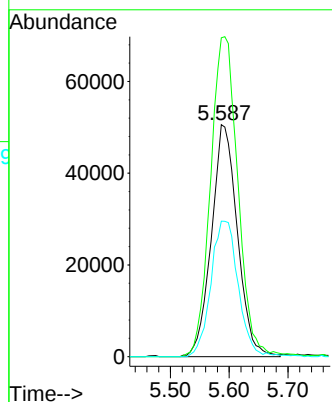
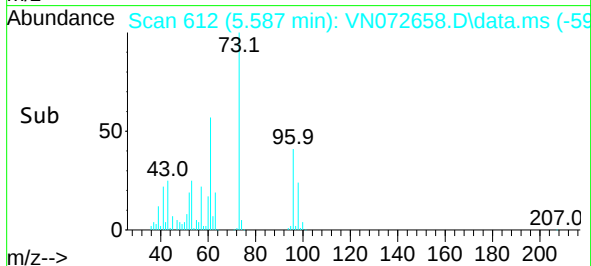
98 58.4 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#20

Diisopropyl ether

Concen: 48.629 ug/l

RT: 6.487 min Scan# 765

Delta R.T. -0.006 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

Tgt Ion: 45 Resp: 629050

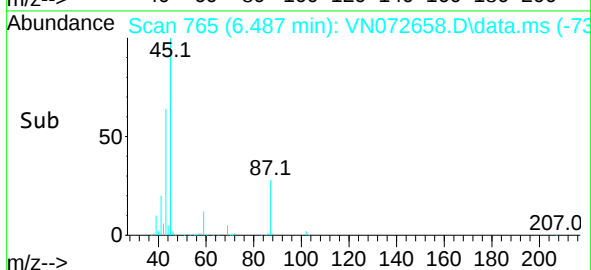
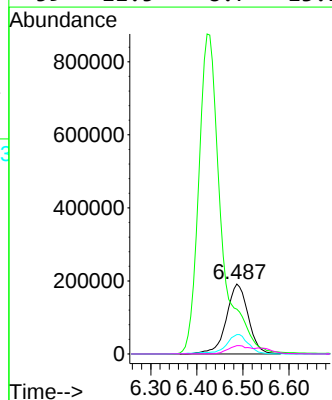
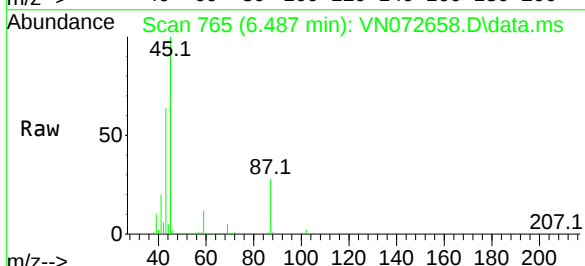
Ion Ratio Lower Upper

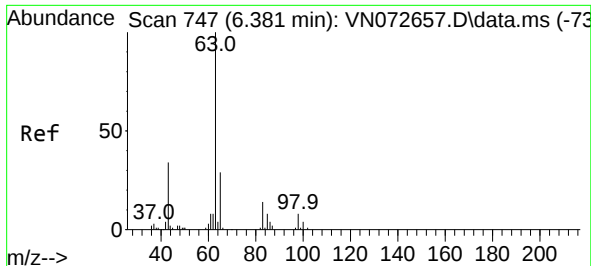
45 100

43 62.7 51.0 76.4

87 27.5 25.0 37.4

59 11.5 8.7 13.1





#21

1,1-Dichloroethane

Concen: 51.644 ug/l

RT: 6.381 min Scan# 747

Delta R.T. 0.000 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 34314

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

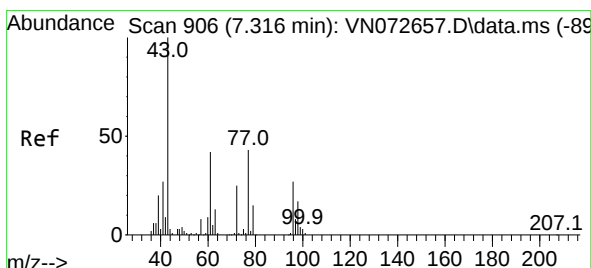
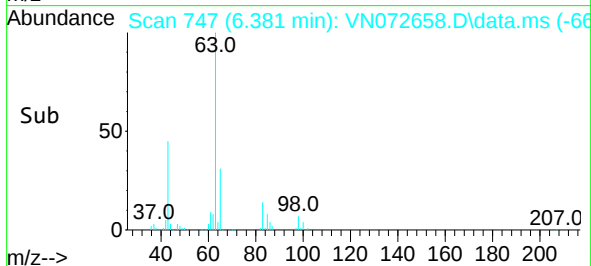
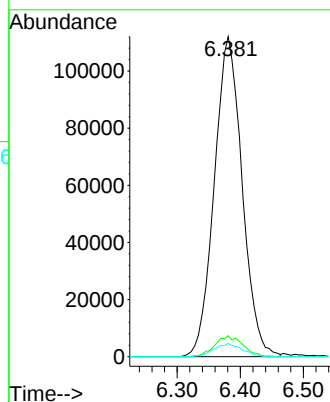
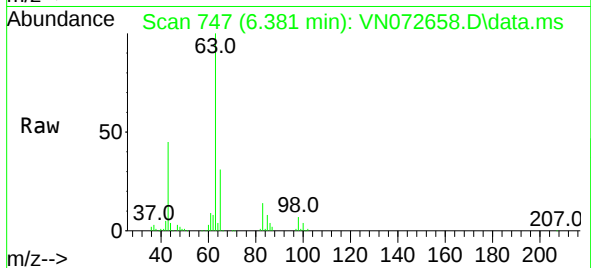
100 4.2 2.1 6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#22

cis-1,2-Dichloroethene

Concen: 50.938 ug/l

RT: 7.316 min Scan# 906

Delta R.T. 0.000 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

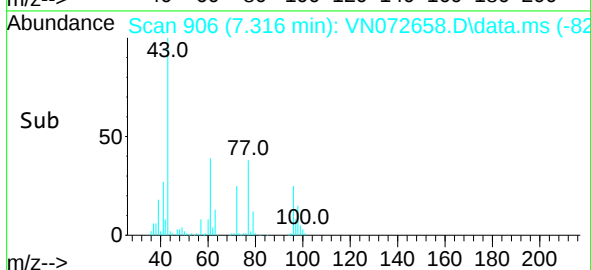
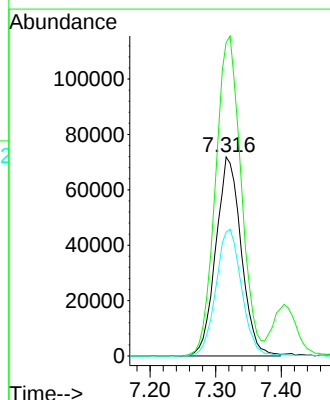
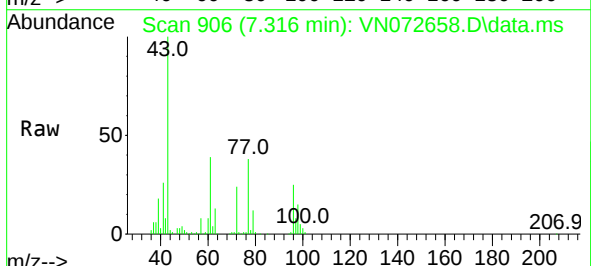
Tgt Ion: 96 Resp: 192824

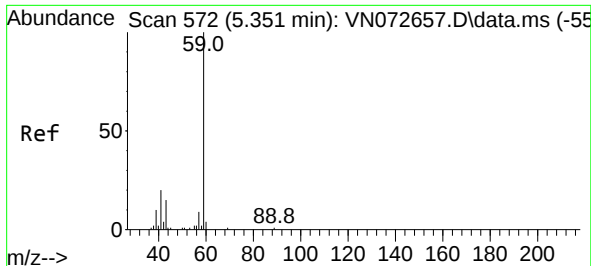
Ion Ratio Lower Upper

96 100

61 162.9 115.7 173.5

98 64.4 51.6 77.4





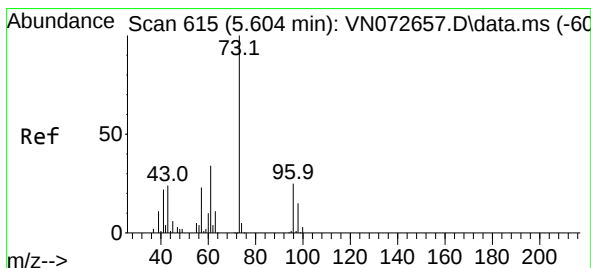
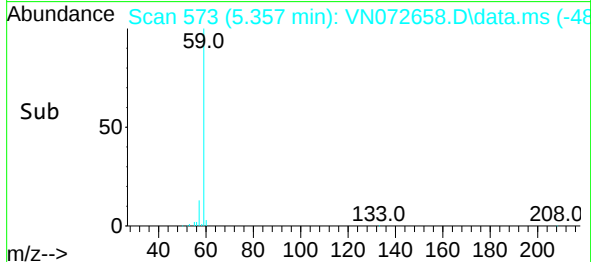
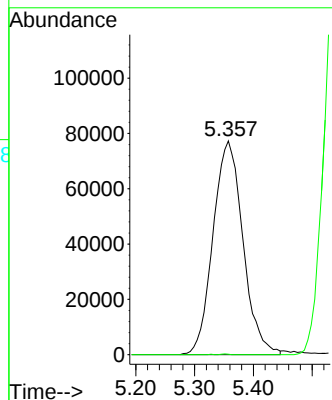
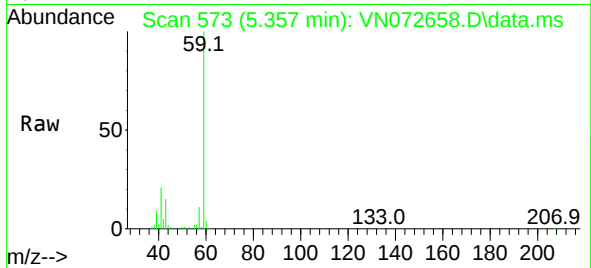
#23
tert-Butyl Alcohol
Concen: 317.544 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 59 Resp: 273158
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

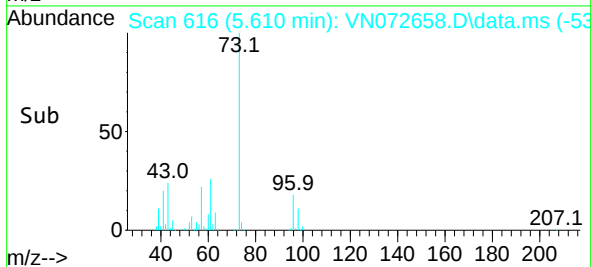
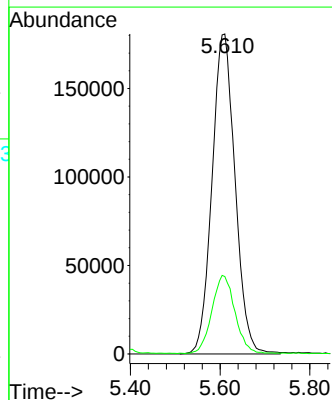
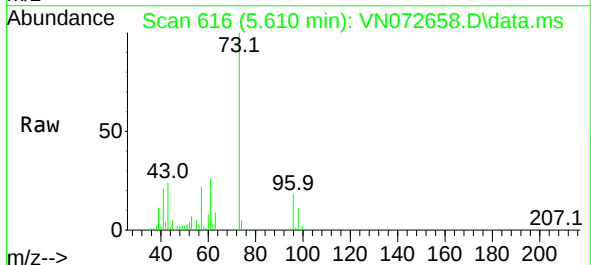
Manual Integrations
APPROVED

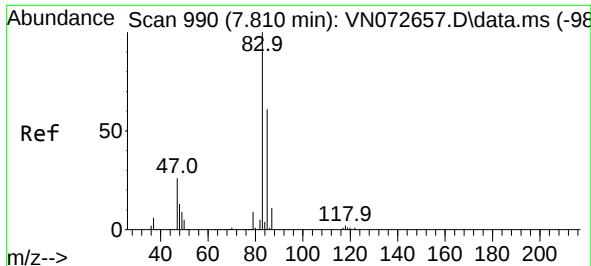
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#24
Methyl tert-Butyl Ether
Concen: 59.293 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

Tgt Ion: 73 Resp: 645267
Ion Ratio Lower Upper
73 100
43 24.2 18.1 27.1





#25

Chloroform

Concen: 51.761 ug/l

RT: 7.816 min Scan# 990

Delta R.T. 0.006 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 83 Resp: 353258

Ion Ratio Lower Upper

83 100

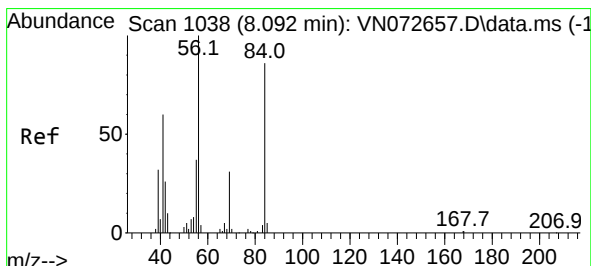
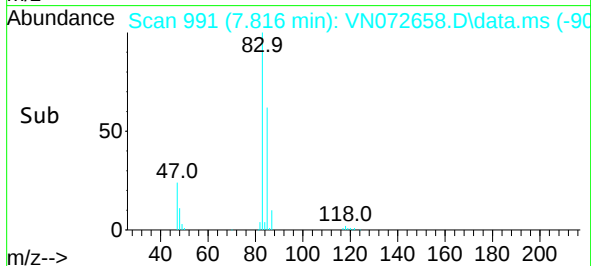
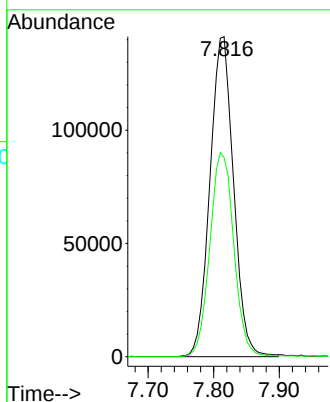
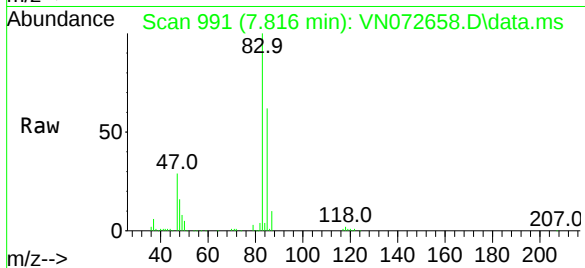
85 62.2 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#26

Cyclohexane

Concen: 45.455 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

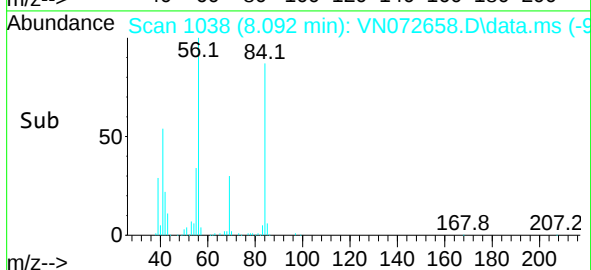
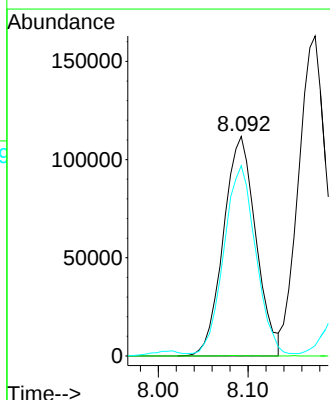
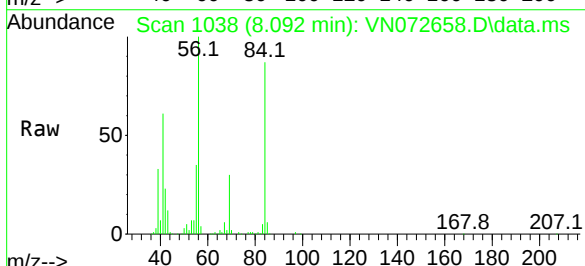
Tgt Ion: 56 Resp: 281433

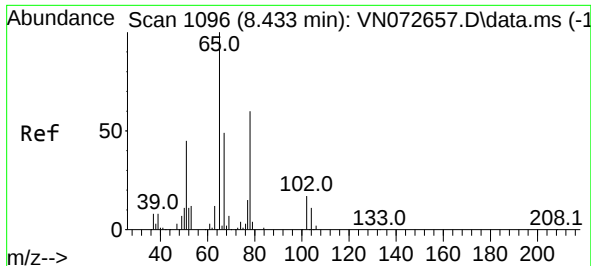
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

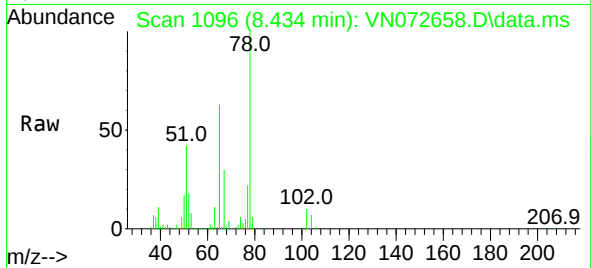
84 85.8 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 34.298 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

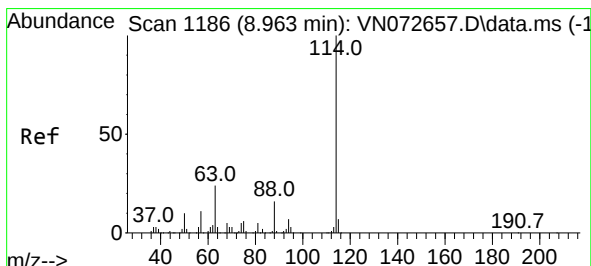
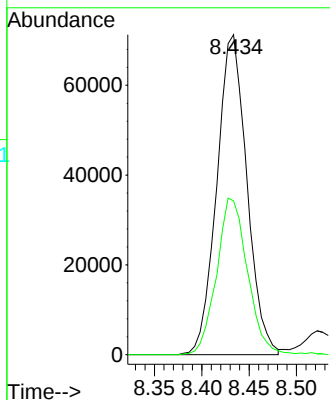
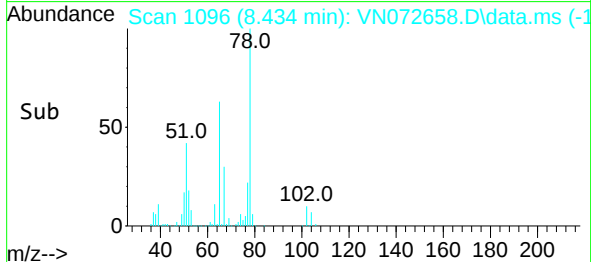
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 65 Resp: 15722
Ion Ratio Lower Upper
65 100
67 50.4 40.2 60.2

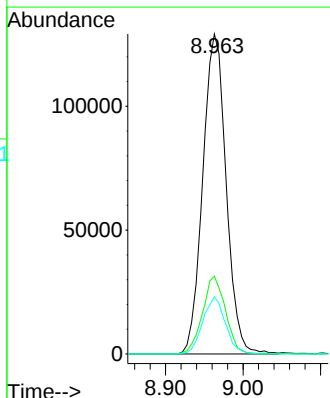
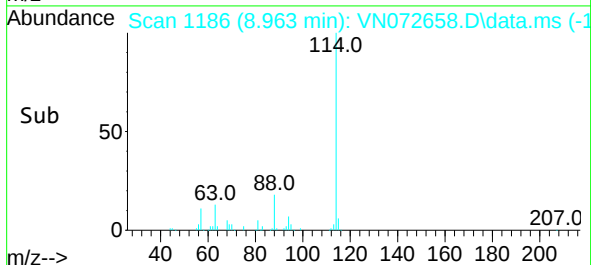
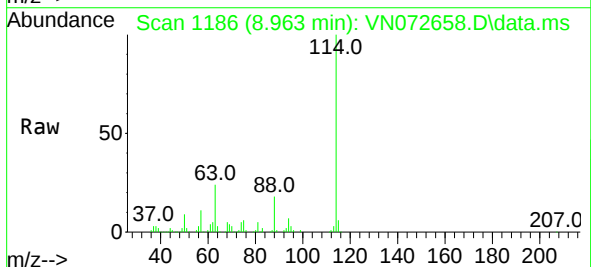
Manual Integrations
APPROVED

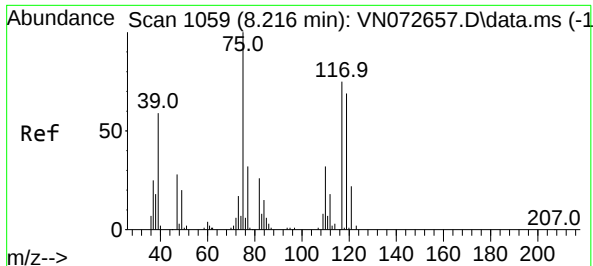
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

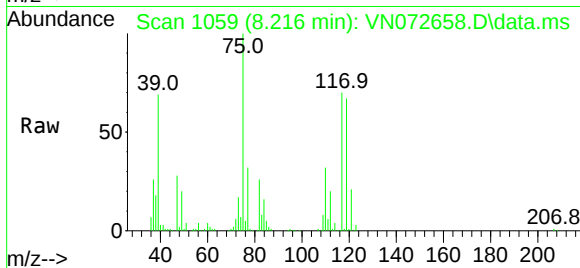
Tgt Ion:114 Resp: 270721
Ion Ratio Lower Upper
114 100
63 23.9 15.8 23.6#
88 17.2 11.6 17.4





#29
1,1-Dichloropropene
Concen: 48.884 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

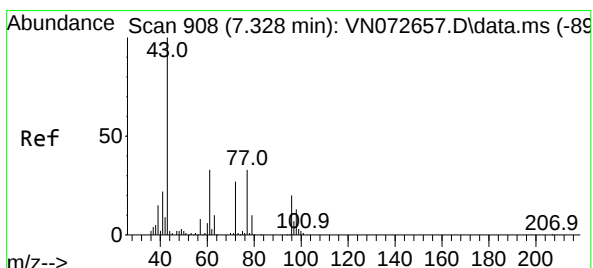
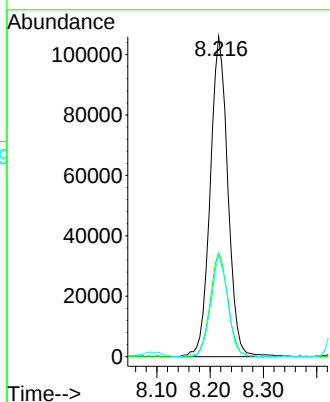
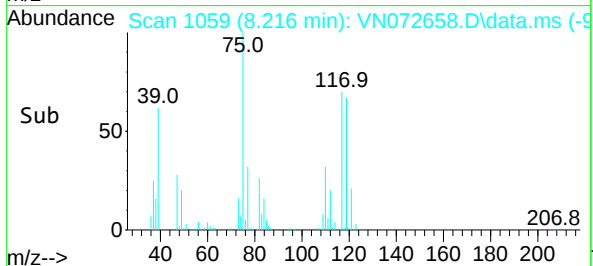
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 243664
Ion Ratio Lower Upper
75 100
110 32.3 0.0 74.2
77 30.7 0.0 63.2

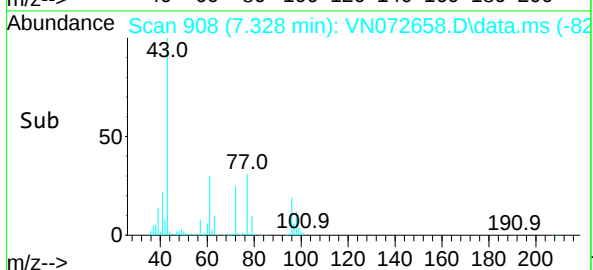
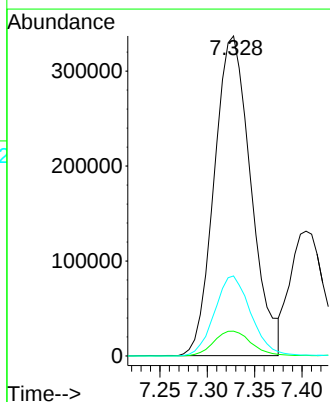
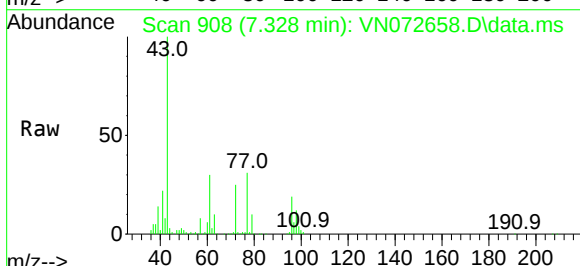
Manual Integrations
APPROVED

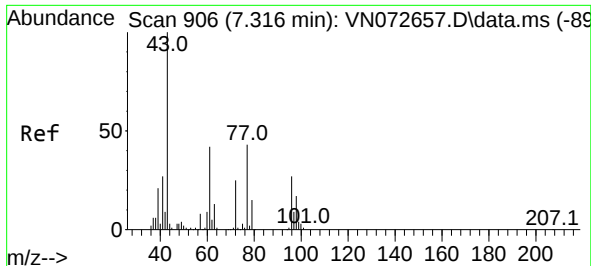
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#30
2-Butanone
Concen: 266.909 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

Tgt Ion: 43 Resp: 905063
Ion Ratio Lower Upper
43 100
57 8.0 6.7 10.1
72 24.9 23.2 34.8





#31

2,2-Dichloropropane

Concen: 61.479 ug/l

RT: 7.322 min Scan# 906

Delta R.T. 0.006 min

Lab File: VN072658.D

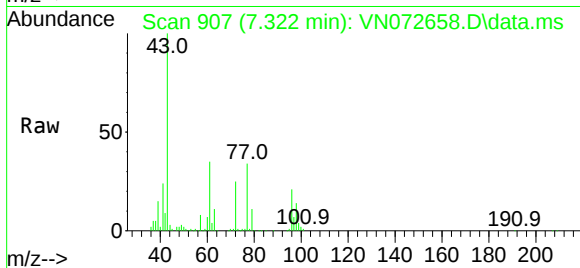
Acq: 06 Jun 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



Tgt Ion: 77 Resp: 33003

Ion Ratio Lower Upper

77 100

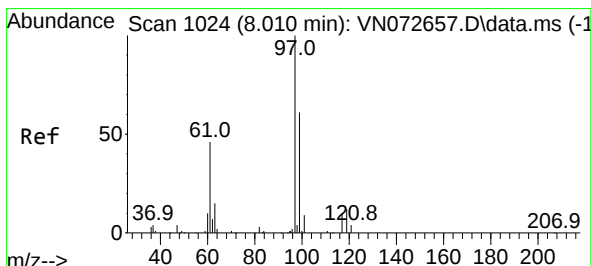
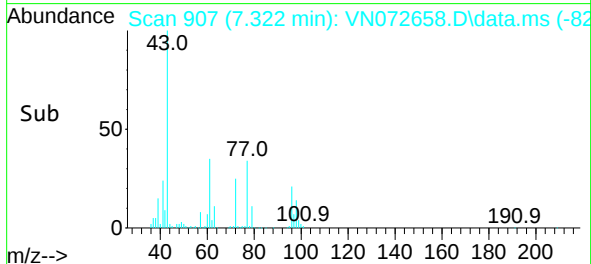
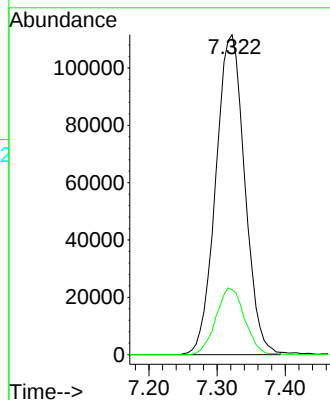
97 20.5 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#32

1,1,1-Trichloroethane

Concen: 56.279 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

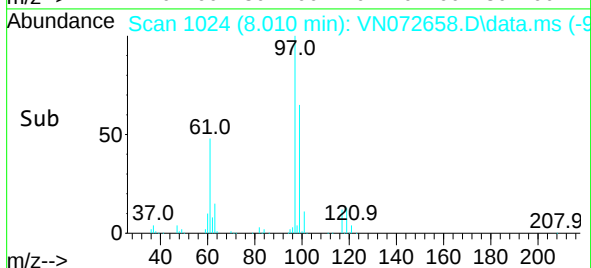
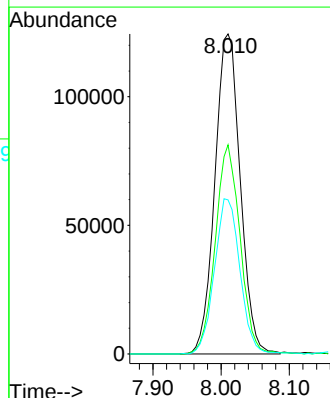
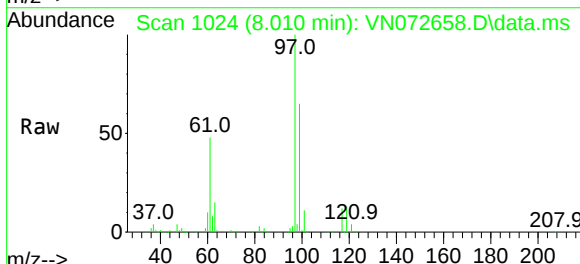
Tgt Ion: 97 Resp: 322767

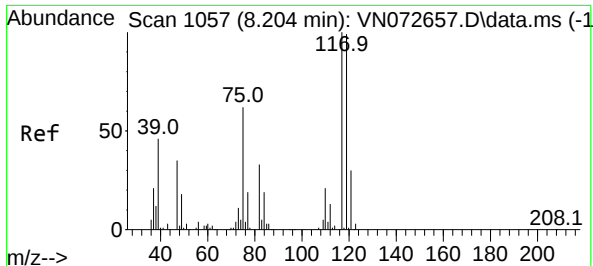
Ion Ratio Lower Upper

97 100

99 63.7 50.4 75.6

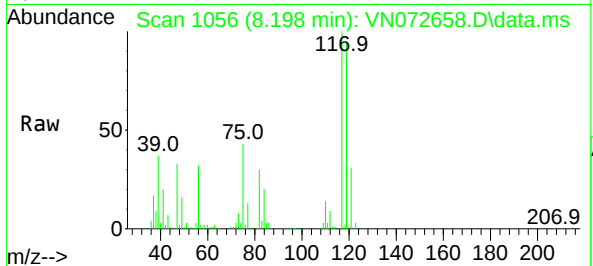
61 48.5 34.6 51.8





#33
Carbon Tetrachloride
Concen: 54.408 ug/l
RT: 8.198 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

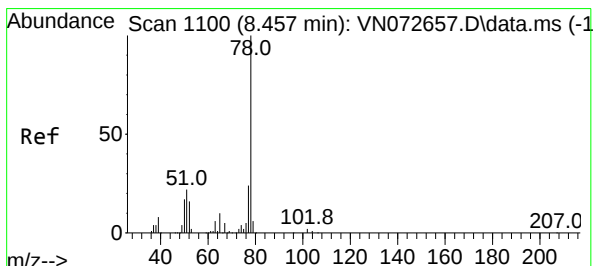
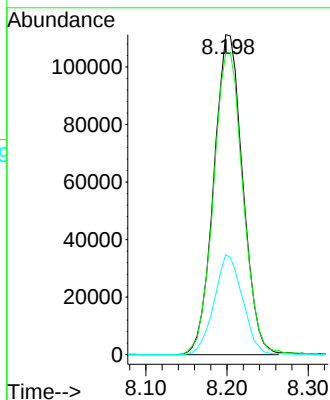
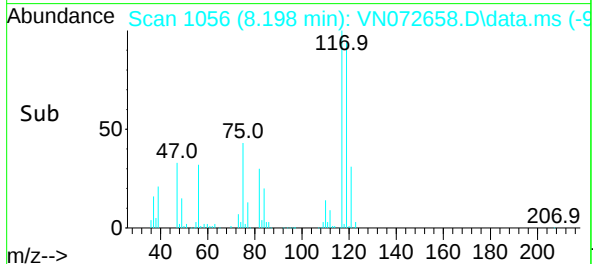
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:117 Resp: 27578
Ion Ratio Lower Upper
117 100
119 94.1 77.5 116.3
121 31.3 23.5 35.3

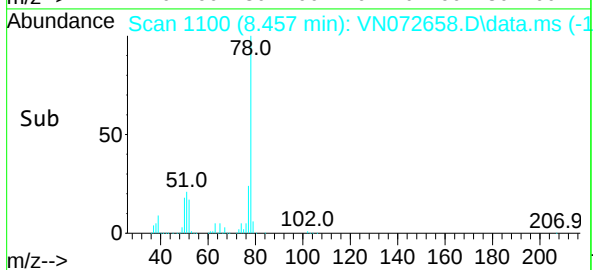
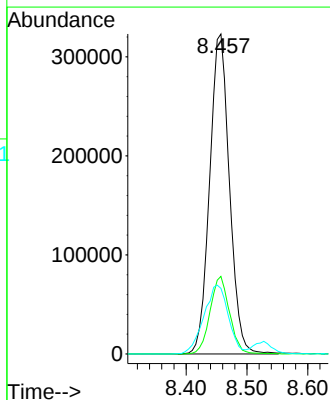
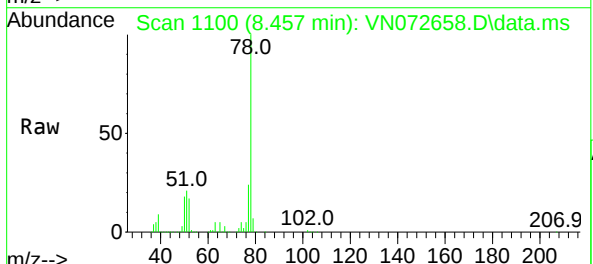
Manual Integrations
APPROVED

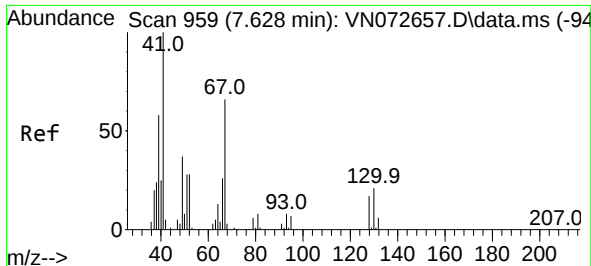
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#34
Benzene
Concen: 47.077 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

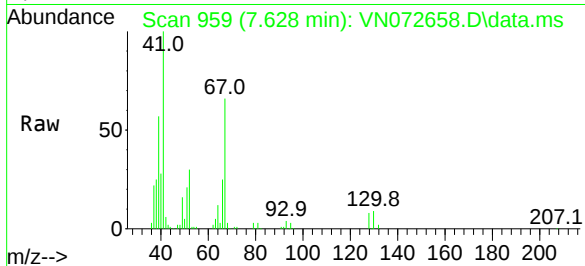
Tgt Ion: 78 Resp: 730079
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7
51 20.4 16.0 24.0





#35
Methacrylonitrile
Concen: 49.578 ug/l
RT: 7.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

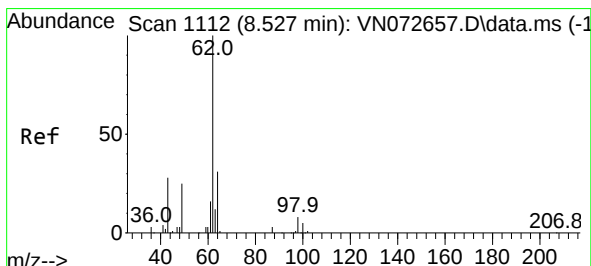
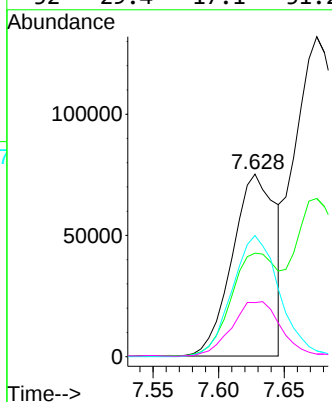
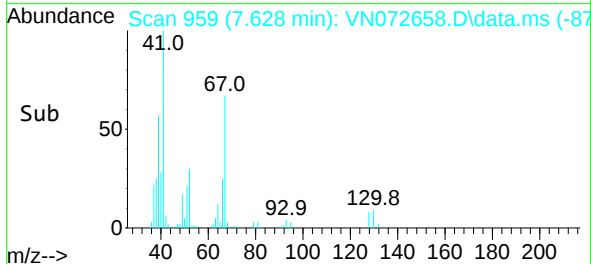
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



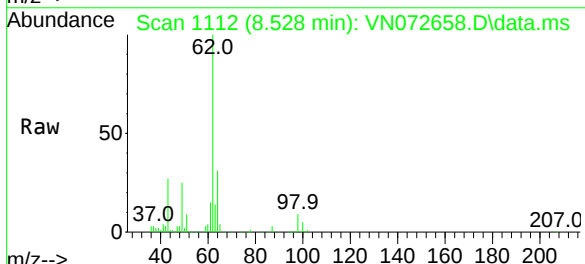
Tgt Ion: 41 Resp: 172890
Ion Ratio Lower Upper
41 100
39 56.4 28.0 83.9
67 66.6 37.7 113.1
52 29.4 17.1 51.2

Manual Integrations
APPROVED

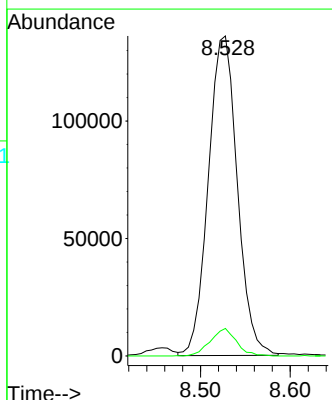
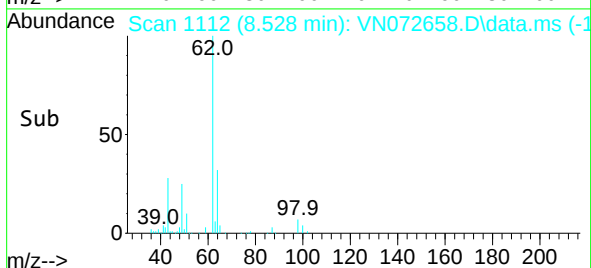
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

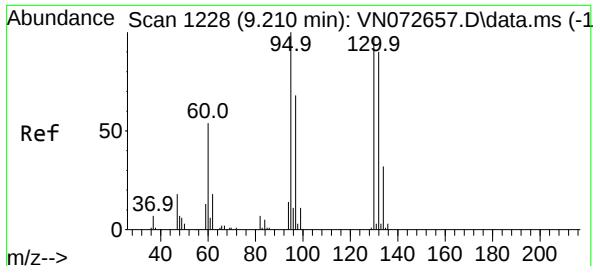


#36
1,2-Dichloroethane
Concen: 56.975 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41



Tgt Ion: 62 Resp: 305358
Ion Ratio Lower Upper
62 100
98 7.7 6.6 10.0





#37

Trichloroethene

Concen: 47.229 ug/l

RT: 9.210 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:130 Resp: 174889

Ion Ratio Lower Upper

130 100

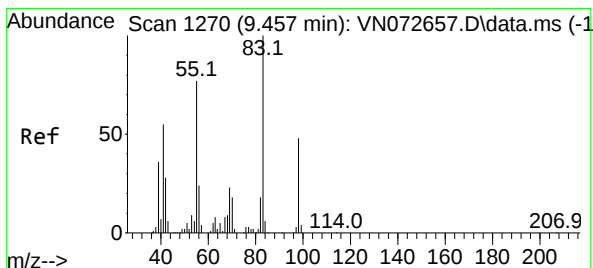
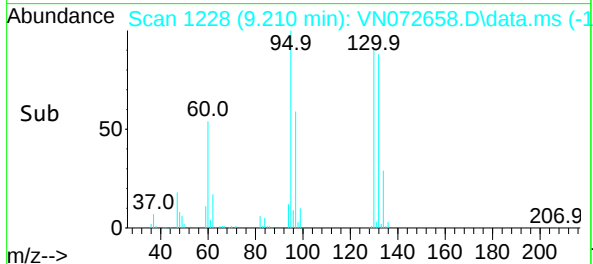
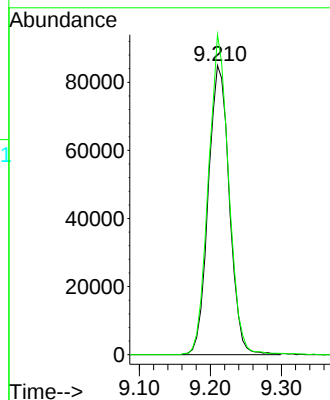
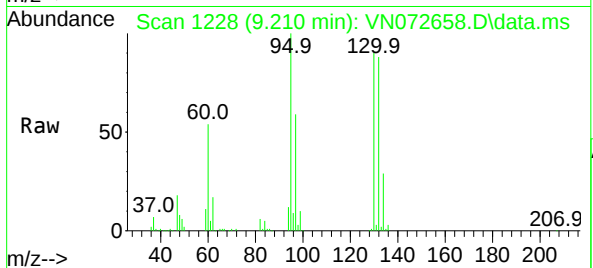
95 110.6 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#38

Methylcyclohexane

Concen: 47.286 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

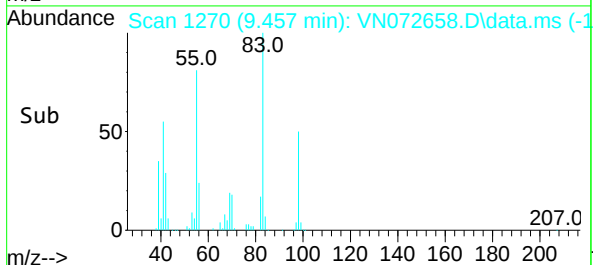
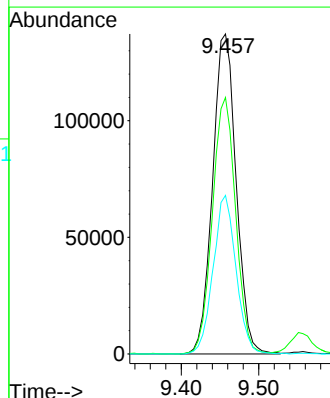
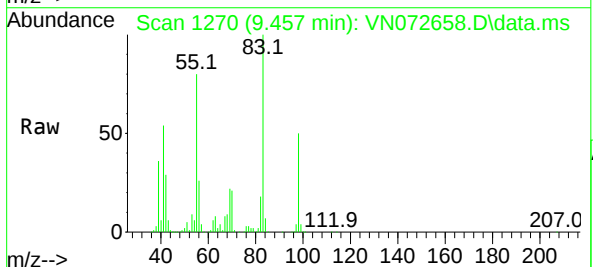
Tgt Ion: 83 Resp: 291039

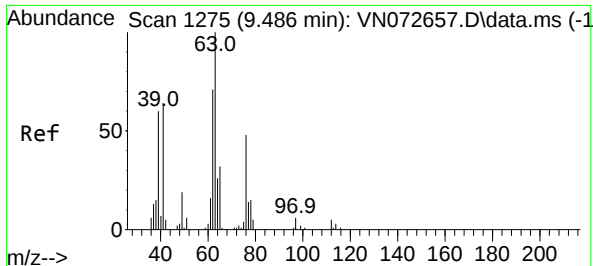
Ion Ratio Lower Upper

83 100

55 79.2 35.1 105.3

98 48.1 23.4 70.2





#39

1,2-Dichloropropane

Concen: 47.980 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 19972

Ion Ratio Lower Upper

63 100

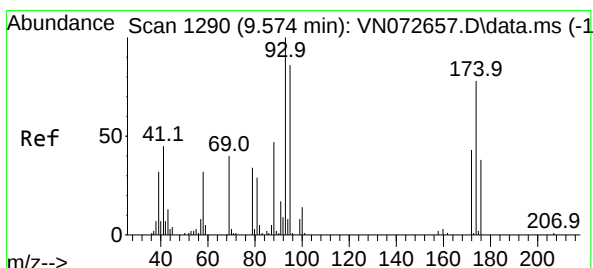
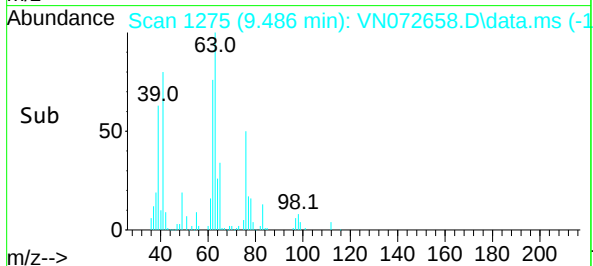
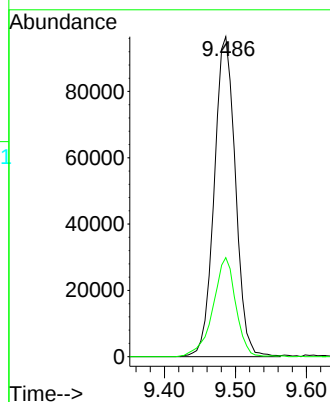
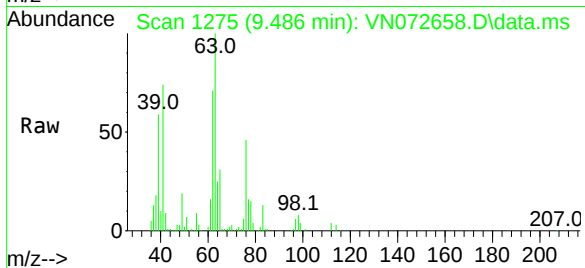
65 30.8 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#40

Dibromomethane

Concen: 50.730 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

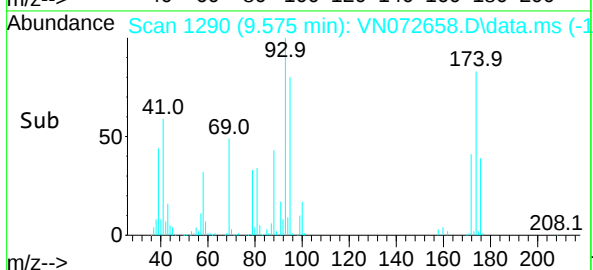
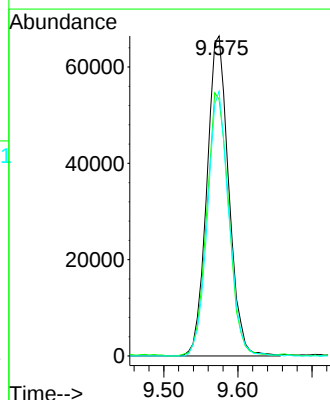
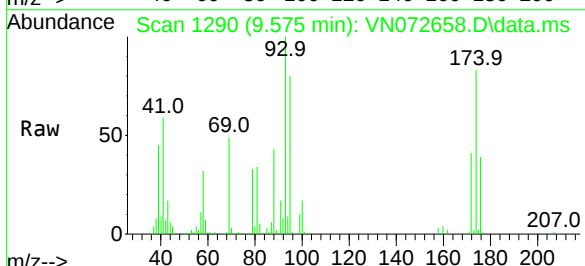
Tgt Ion: 93 Resp: 136077

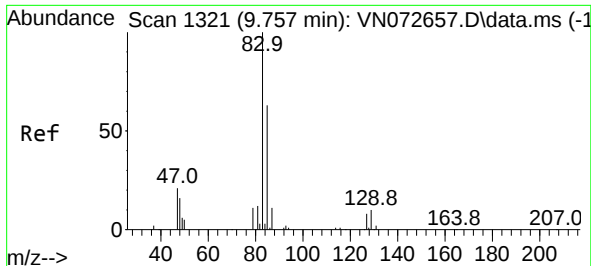
Ion Ratio Lower Upper

93 100

95 82.8 0.0 168.8

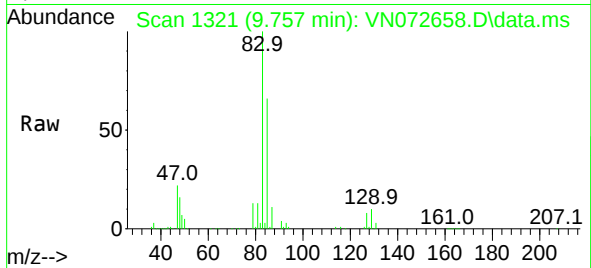
174 80.5 0.0 173.6





#41
Bromodichloromethane
Concen: 53.710 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

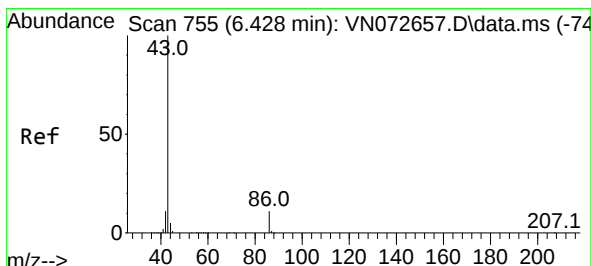
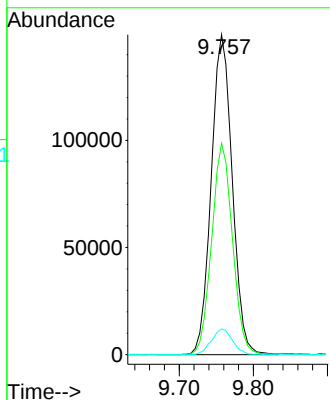
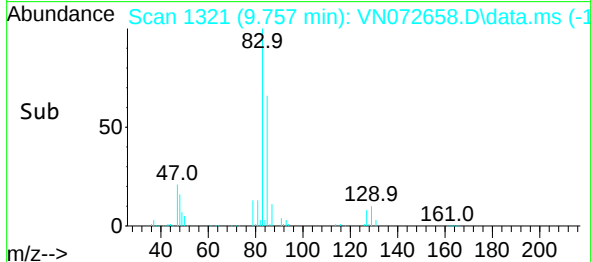
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



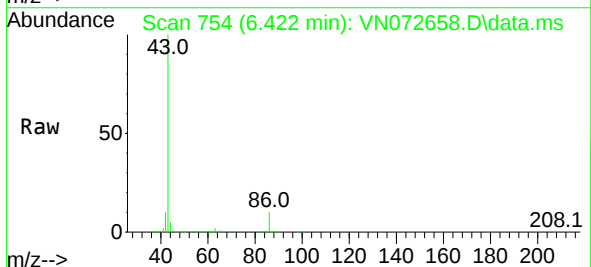
Tgt Ion: 83 Resp: 294409
Ion Ratio Lower Upper
83 100
85 66.1 54.1 81.1
127 8.0 7.6 11.4

Manual Integrations
APPROVED

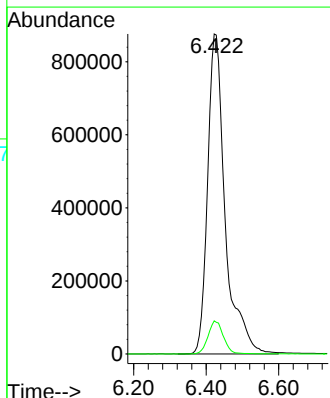
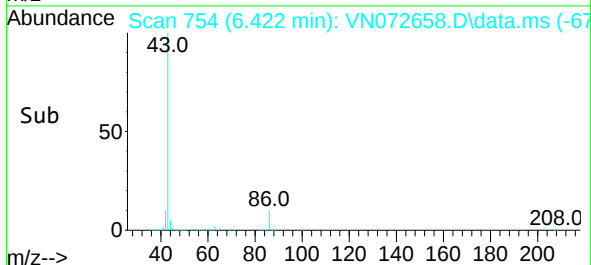
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

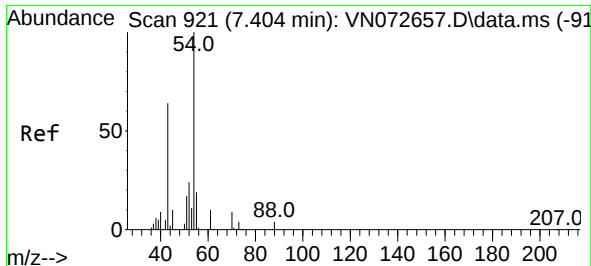


#42
Vinyl Acetate
Concen: 264.810 ug/l
RT: 6.422 min Scan# 754
Delta R.T. -0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41



Tgt Ion: 43 Resp: 2946010
Ion Ratio Lower Upper
43 100
86 9.0 7.5 11.3





#43

Ethyl Acetate

Concen: 50.416 ug/l

RT: 7.404 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 333230

Ion Ratio Lower Upper

43 100

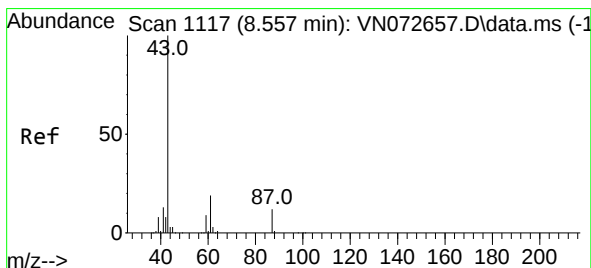
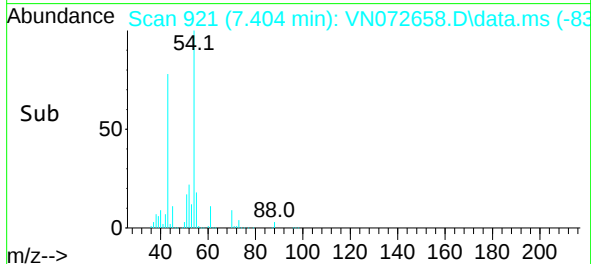
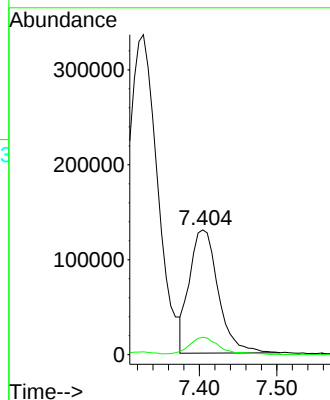
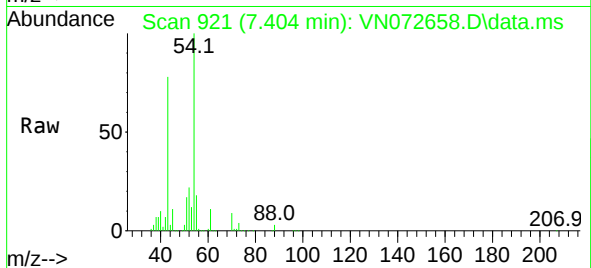
45 14.8 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#44

Isopropyl Acetate

Concen: 54.207 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072658.D

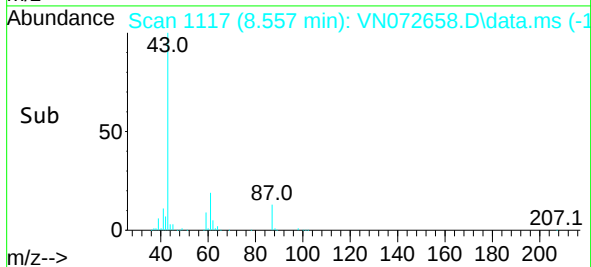
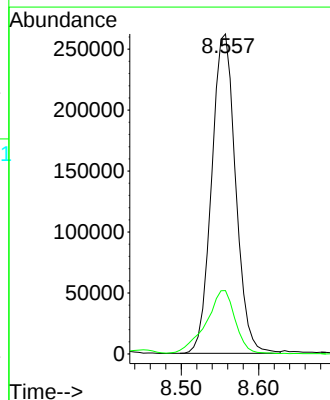
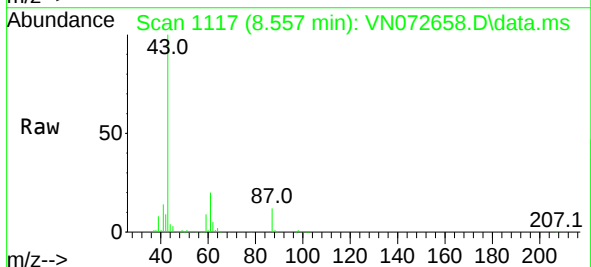
Acq: 06 Jun 2022 11:41

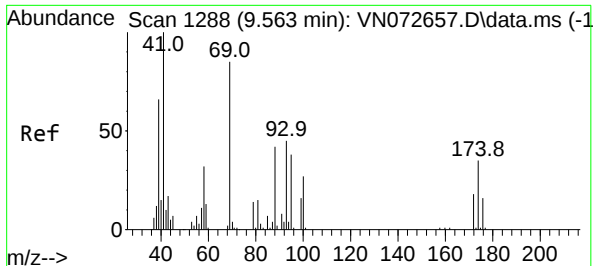
Tgt Ion: 43 Resp: 563047

Ion Ratio Lower Upper

43 100

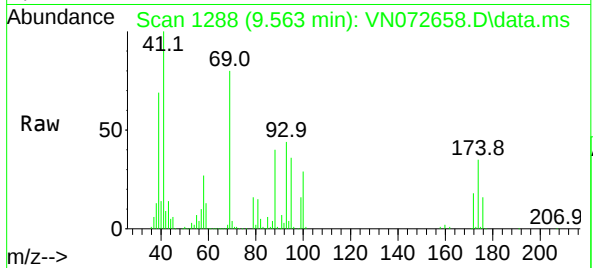
61 24.5 20.1 30.1





#45
1,4-Dioxane
Concen: 1064.457 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

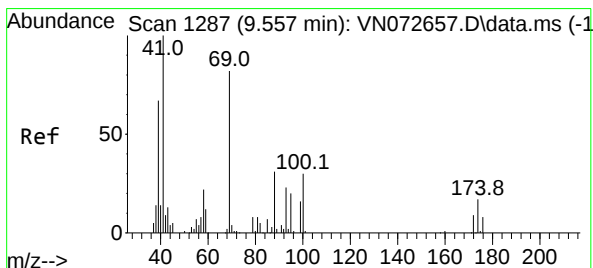
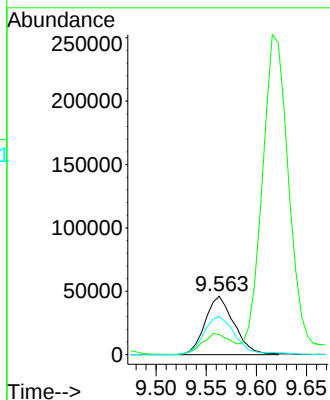
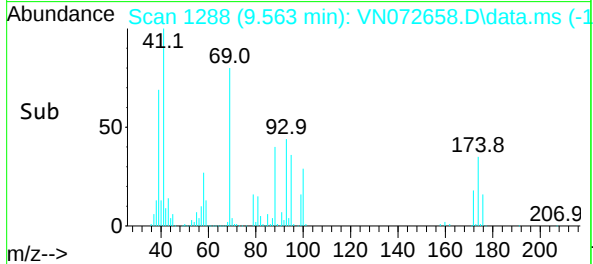
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



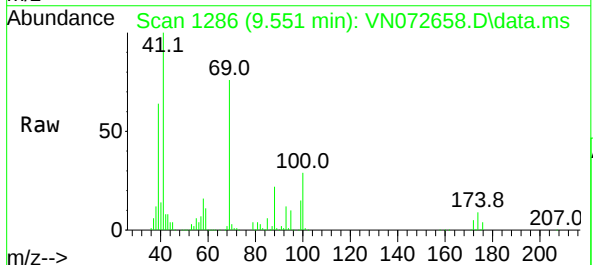
Tgt Ion: 88 Resp: 92600
Ion Ratio Lower Upper
88 100
43 35.1 25.0 37.6
58 69.6 49.4 74.2

Manual Integrations
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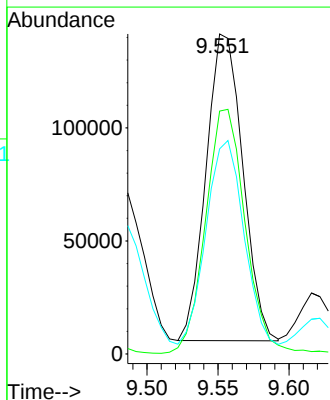
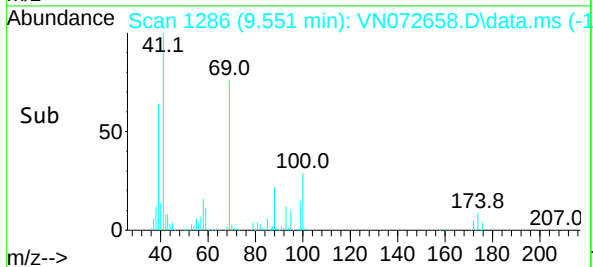
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

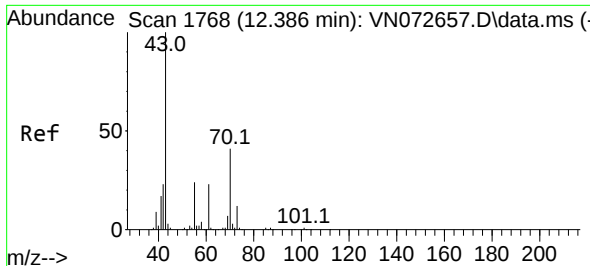


#46
Methyl methacrylate
Concen: 50.111 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41



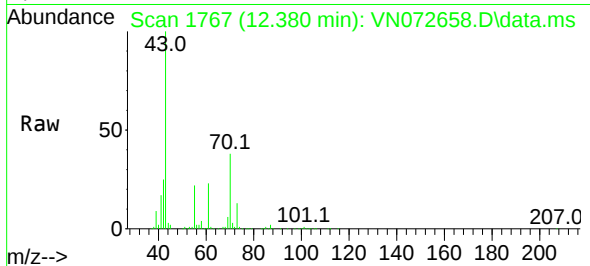
Tgt Ion: 41 Resp: 244048
Ion Ratio Lower Upper
41 100
69 77.3 44.4 133.2
39 63.8 39.9 119.6





#47
n-amy1 Acetate
Concen: 60.238 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

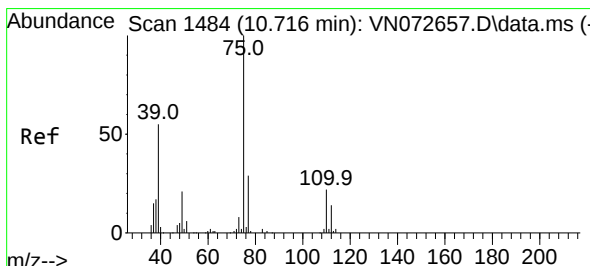
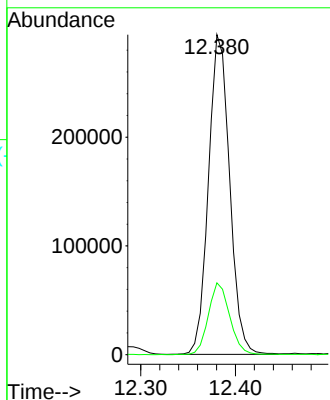
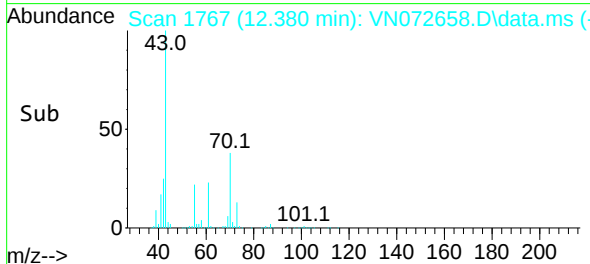
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



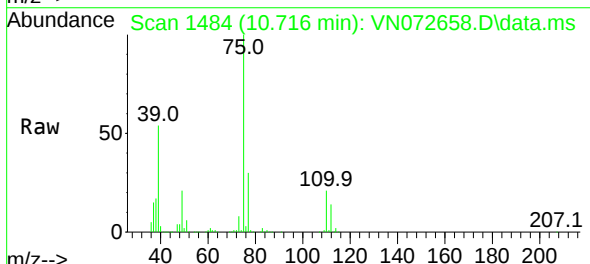
Tgt Ion: 43 Resp: 456158
Ion Ratio Lower Upper
43 100
55 22.4 19.0 28.6

Manual Integrations
APPROVED

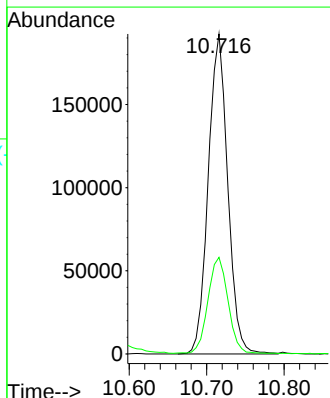
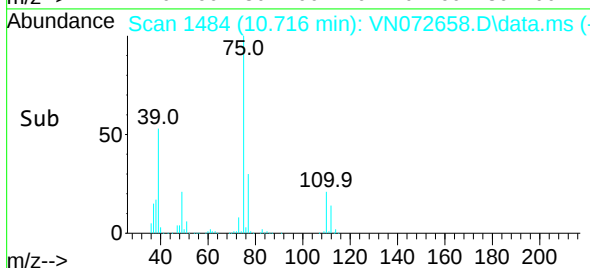
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

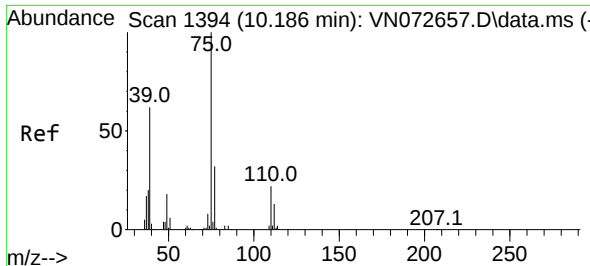


#48
t-1,3-Dichloropropene
Concen: 56.048 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41



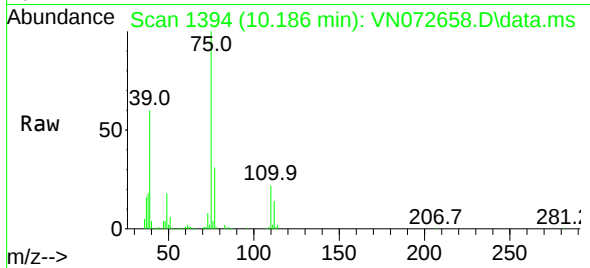
Tgt Ion: 75 Resp: 335341
Ion Ratio Lower Upper
75 100
77 30.1 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 53.005 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072658.D
 Acq: 06 Jun 2022 11:41

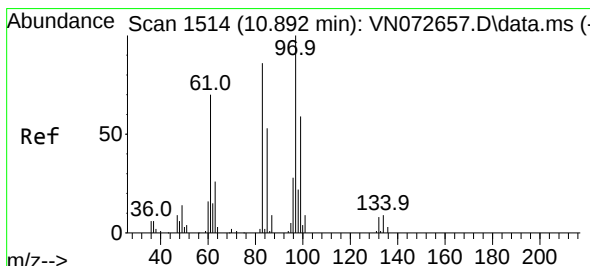
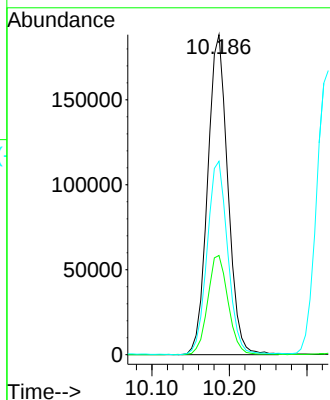
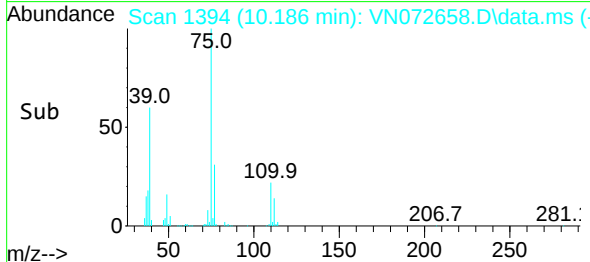
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 75 Resp: 34117
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.3 37.9
 39 60.5 46.2 69.4

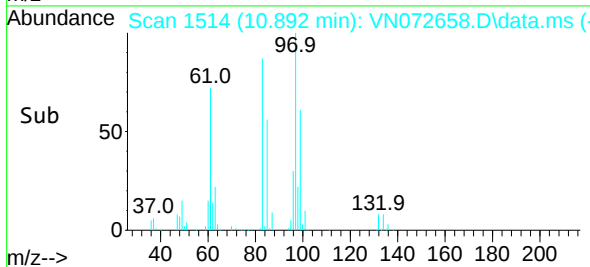
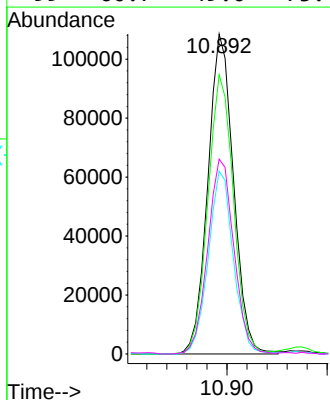
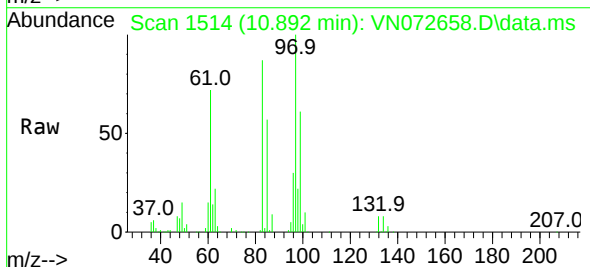
Manual Integrations
 APPROVED

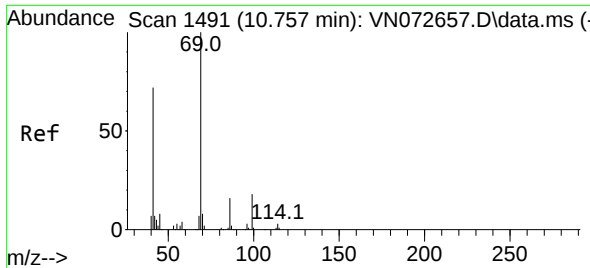
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#50
 1,1,2-Trichloroethane
 Concen: 49.184 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072658.D
 Acq: 06 Jun 2022 11:41

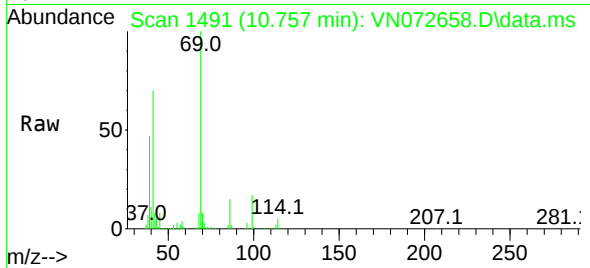
Tgt Ion: 97 Resp: 192714
 Ion Ratio Lower Upper
 97 100
 83 87.0 67.2 100.8
 85 57.1 43.0 64.4
 99 60.7 49.0 73.4





#51
Ethyl methacrylate
Concen: 52.379 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

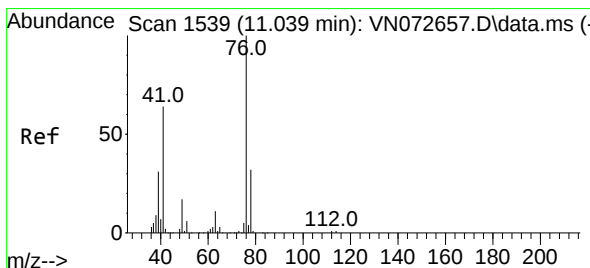
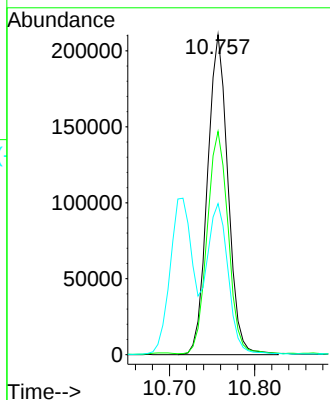
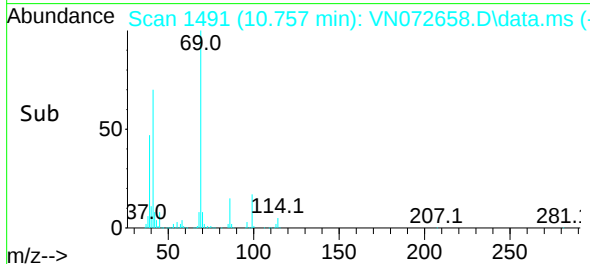
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



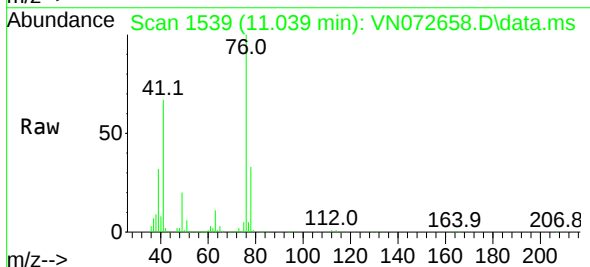
Tgt Ion: 69 Resp: 351658
Ion Ratio Lower Upper
69 100
41 69.4 33.0 98.9
39 46.8 25.4 76.4

Manual Integrations
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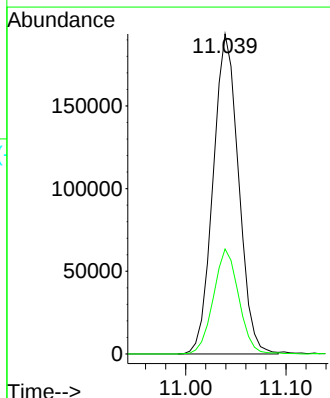
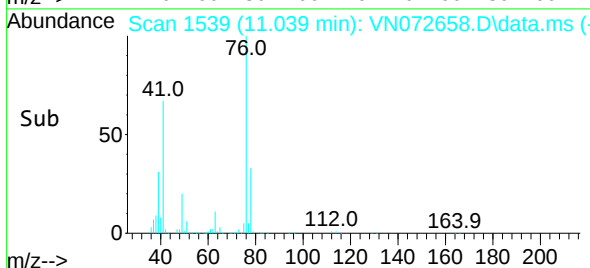
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

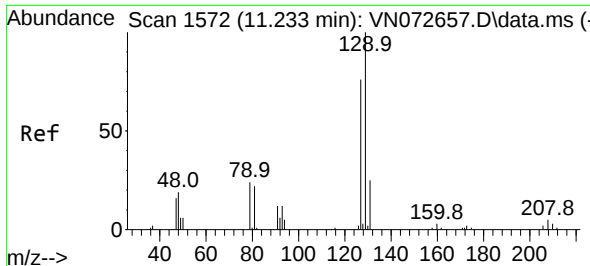


#52
1,3-Dichloropropane
Concen: 49.196 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41



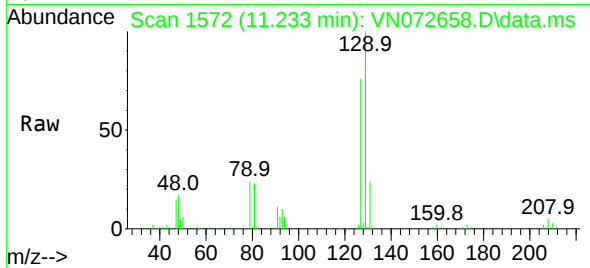
Tgt Ion: 76 Resp: 341454
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4





#53
Dibromochloromethane
Concen: 52.757 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

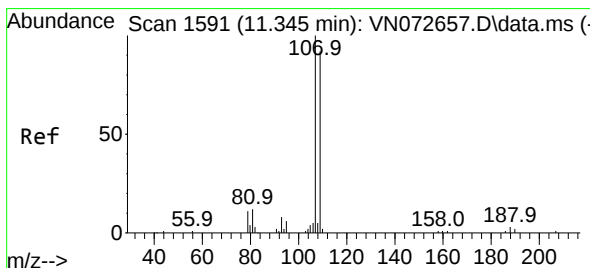
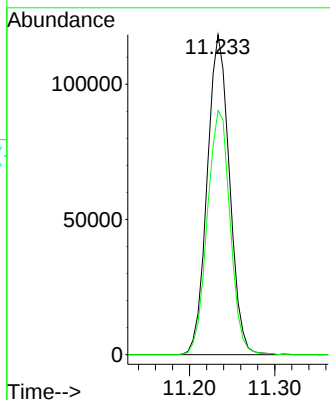
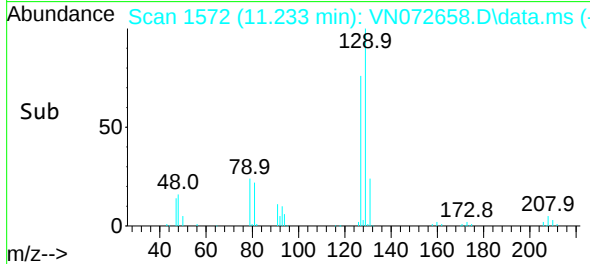
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



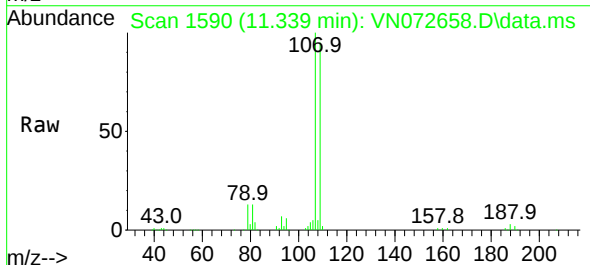
Tgt Ion:129 Resp: 215204
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0

Manual Integrations
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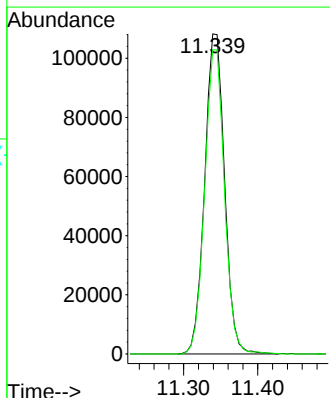
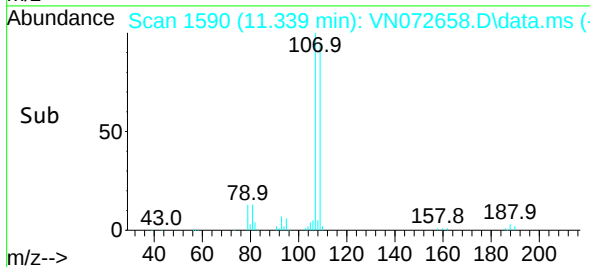
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

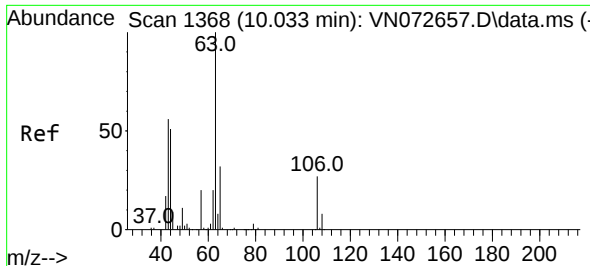


#54
1,2-Dibromoethane
Concen: 50.080 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41



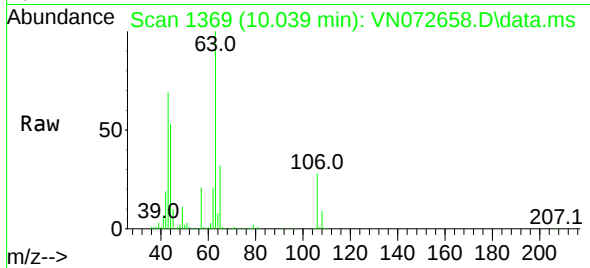
Tgt Ion:107 Resp: 201789
Ion Ratio Lower Upper
107 100
109 94.2 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 242.956 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

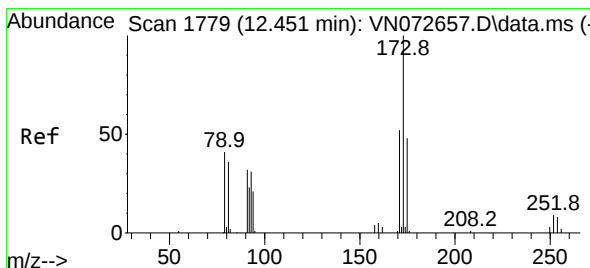
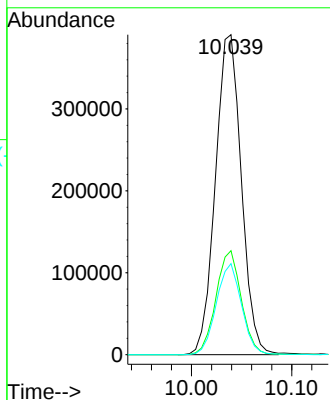
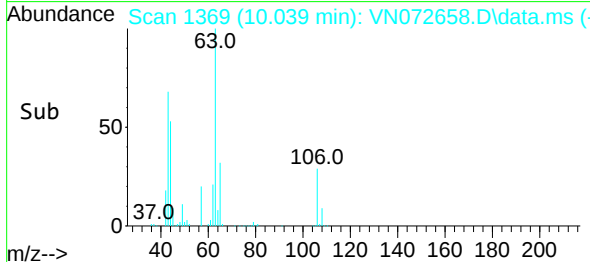
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 70164
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.0
106 27.7 23.2 34.8

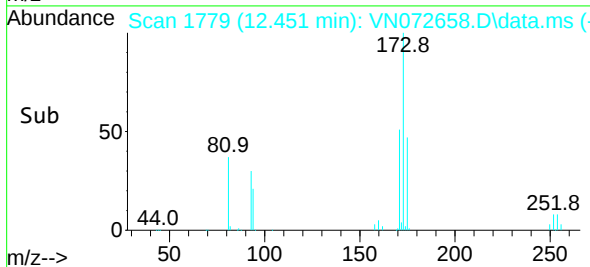
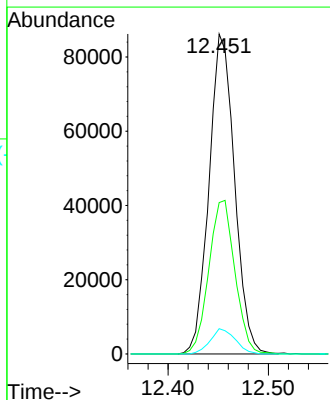
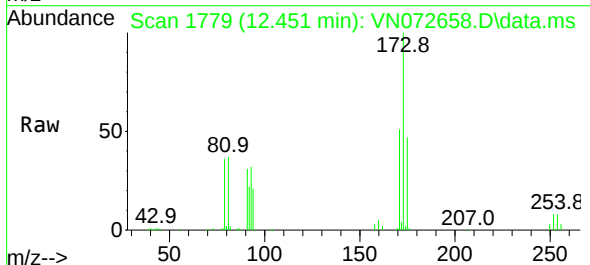
Manual Integrations
APPROVED

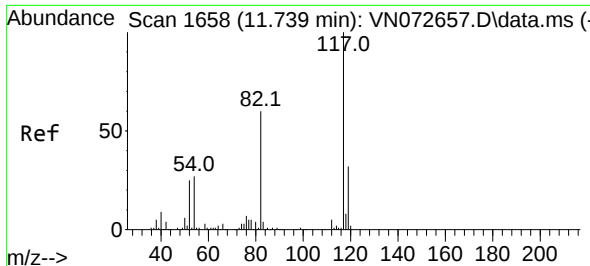
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#56
Bromoform
Concen: 52.693 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

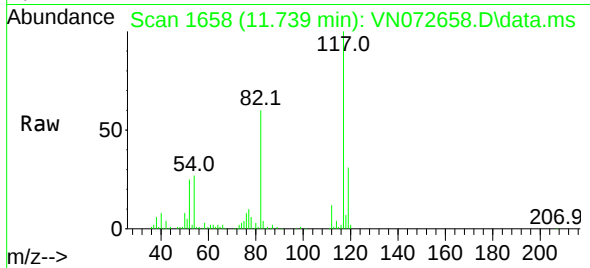
Tgt Ion:173 Resp: 152598
Ion Ratio Lower Upper
173 100
175 49.0 38.6 58.0
254 7.7 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

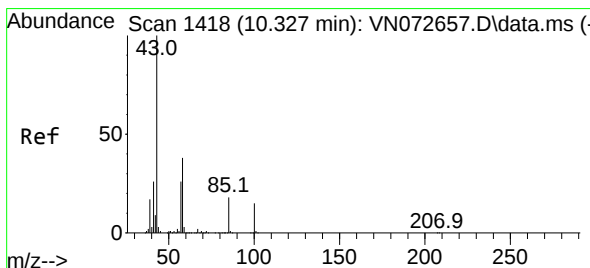
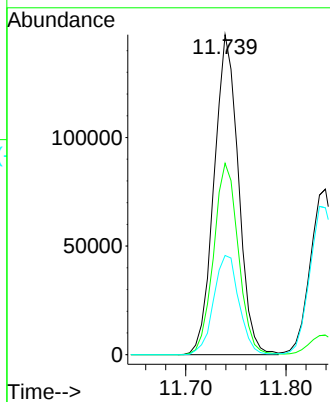
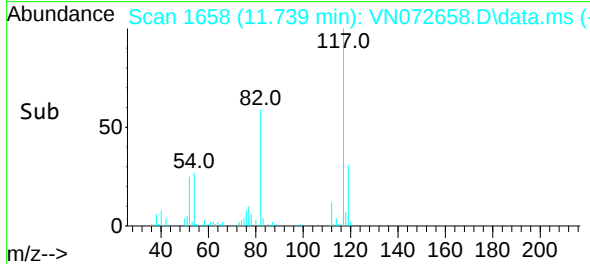
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 248524
Ion Ratio Lower Upper
117 100
82 60.8 43.6 65.4
119 32.4 25.8 38.6

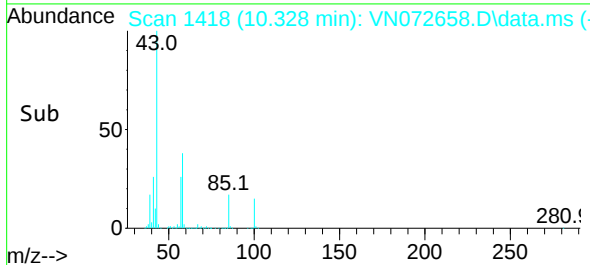
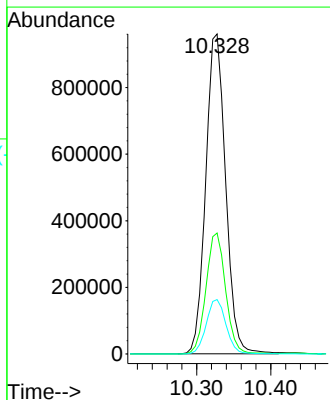
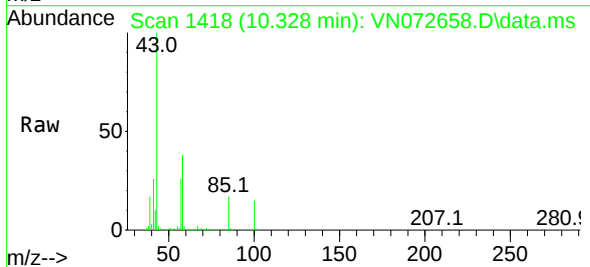
Manual Integrations
APPROVED

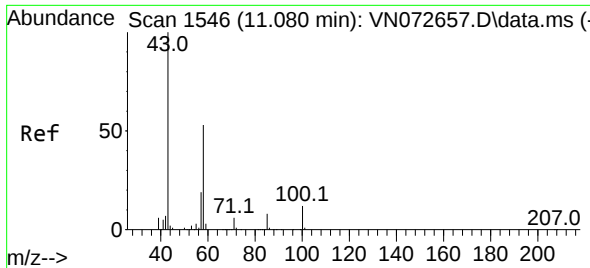
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#58
4-Methyl-2-Pentanone
Concen: 250.376 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

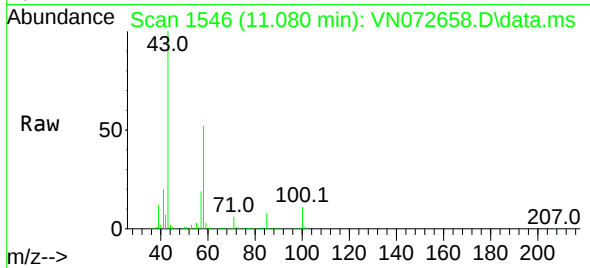
Tgt Ion: 43 Resp: 1791969
Ion Ratio Lower Upper
43 100
58 37.4 30.0 45.0
85 16.9 15.0 22.6





#59
2-Hexanone
Concen: 269.324 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

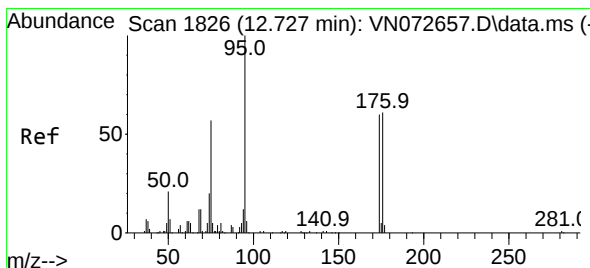
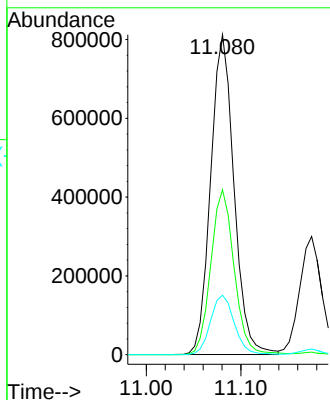
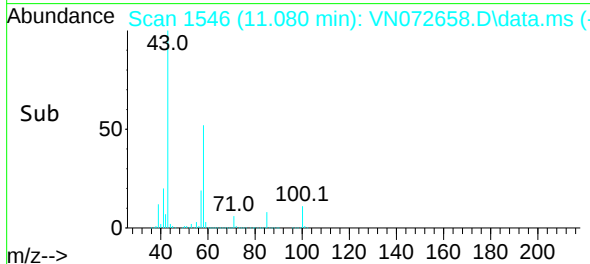
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



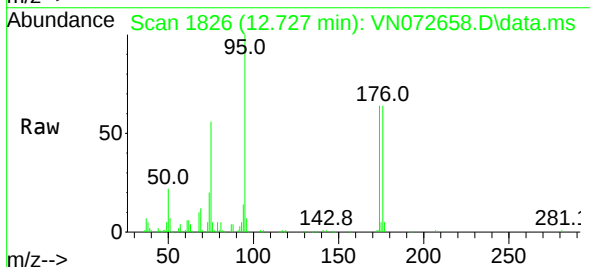
Tgt Ion: 43 Resp: 138817
Ion Ratio Lower Upper
43 100
58 51.6 42.2 63.2
57 19.1 15.0 22.4

Manual Integrations
APPROVED

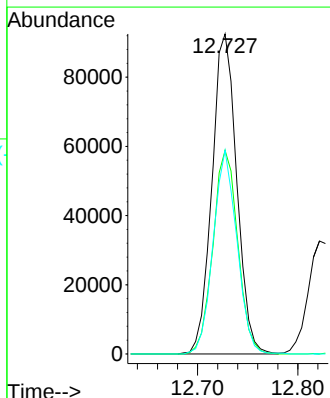
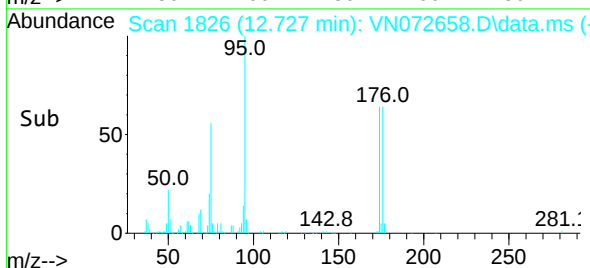
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

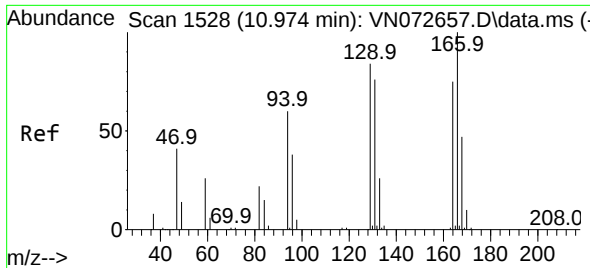


#60
4-Bromofluorobenzene
Concen: 35.403 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41



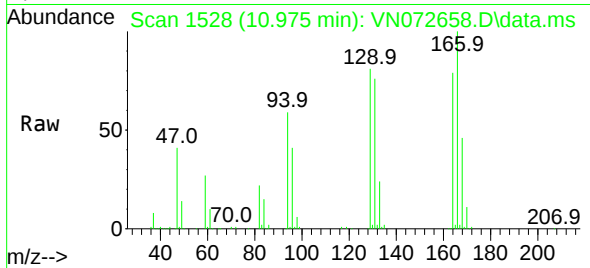
Tgt Ion: 95 Resp: 158457
Ion Ratio Lower Upper
95 100
174 63.6 62.9 94.3
176 61.0 61.0 91.4





#61
Tetrachloroethene
Concen: 45.866 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

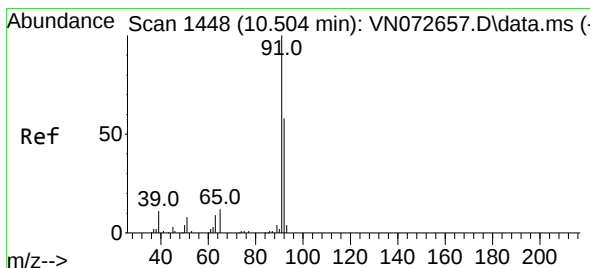
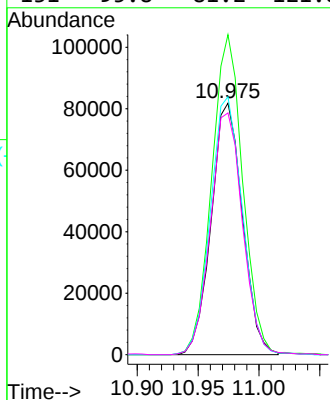
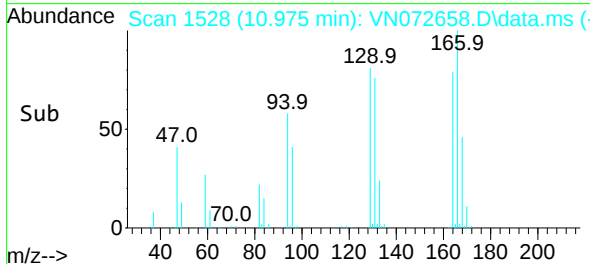
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:164 Resp: 145829
Ion Ratio Lower Upper
164 100
166 126.9 105.8 158.8
129 102.1 82.5 123.7
131 95.8 81.2 121.8

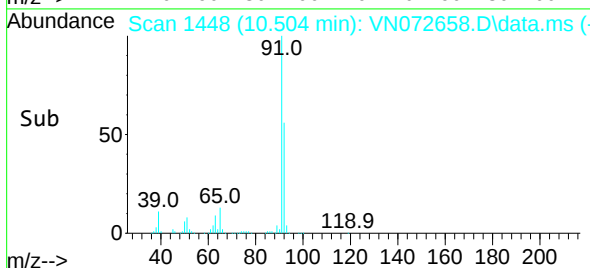
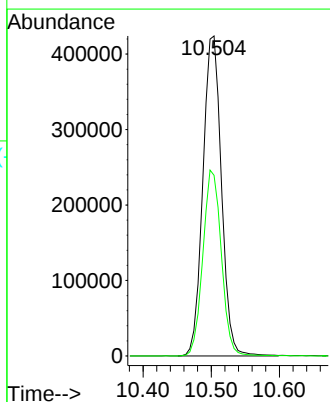
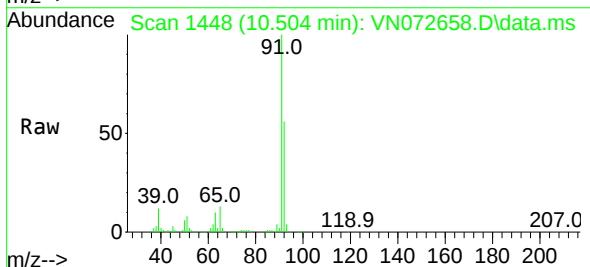
Manual Integrations
APPROVED

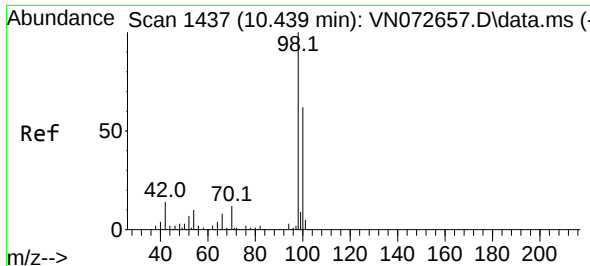
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#62
Toluene
Concen: 47.373 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

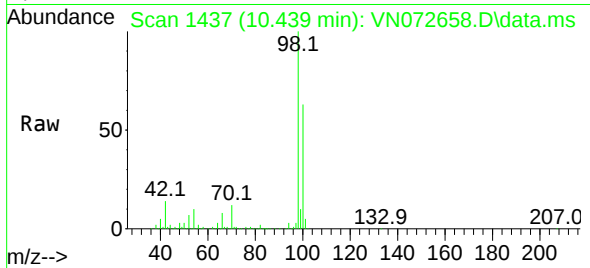
Tgt Ion: 91 Resp: 802869
Ion Ratio Lower Upper
91 100
92 57.6 44.6 67.0





#63
Toluene-d8
Concen: 29.423 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

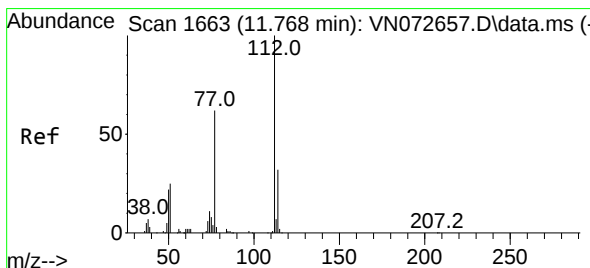
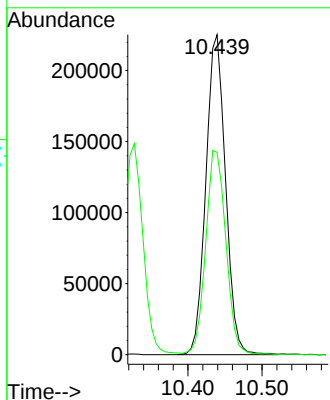
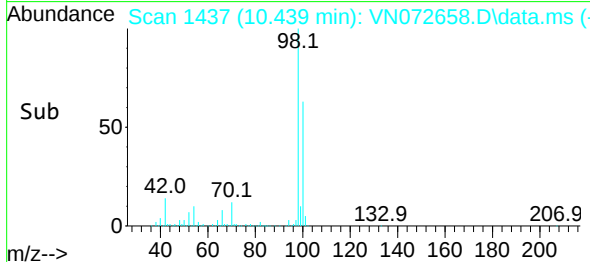
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 98 Resp: 414570
Ion Ratio Lower Upper
98 100
100 65.1 50.6 76.0

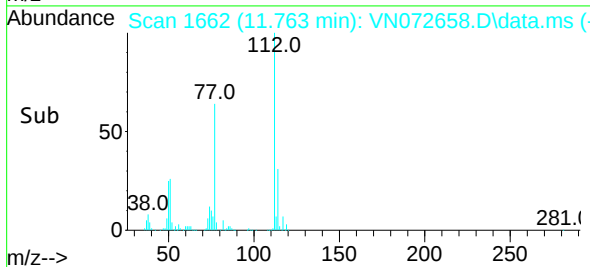
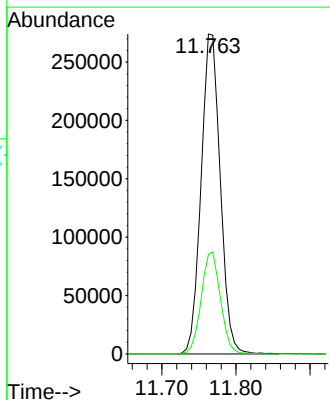
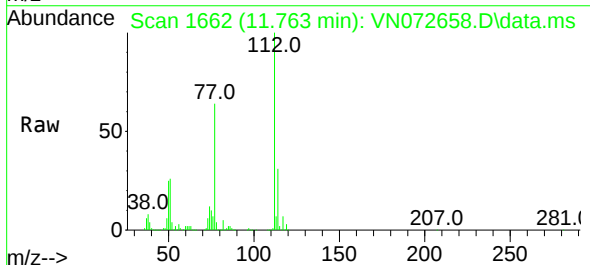
Manual Integrations
APPROVED

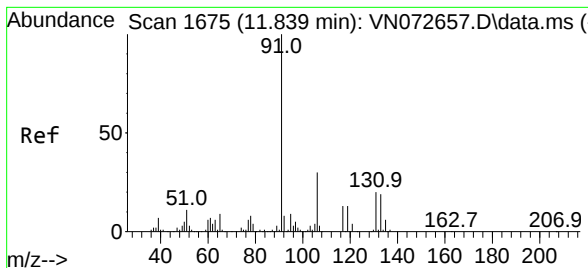
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#64
Chlorobenzene
Concen: 49.399 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

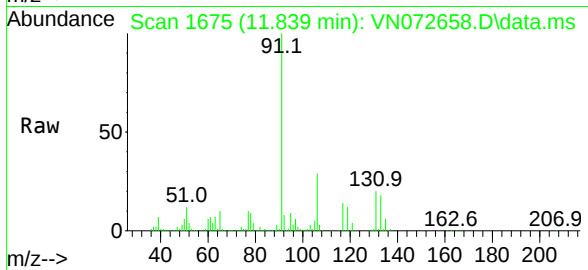
Tgt Ion:112 Resp: 492418
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 49.507 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

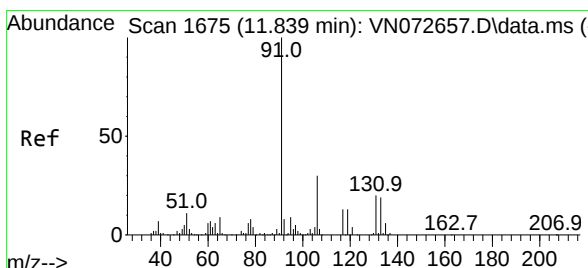
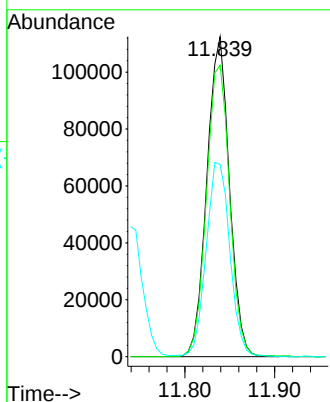
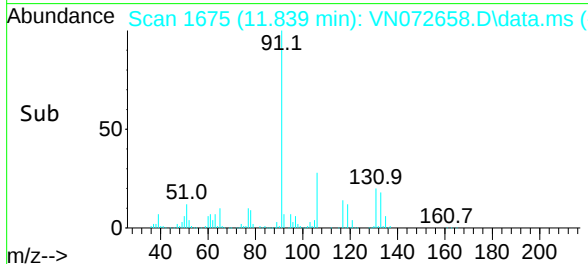
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



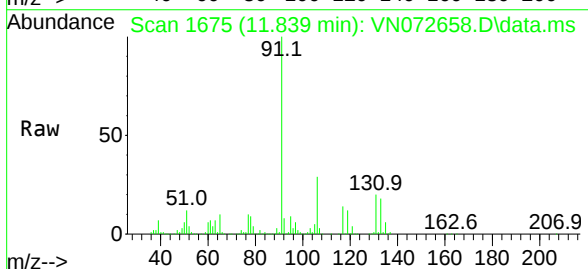
Tgt Ion:131 Resp: 196132
Ion Ratio Lower Upper
131 100
133 94.1 0.0 191.2
119 64.0 0.0 128.8

Manual Integrations
APPROVED

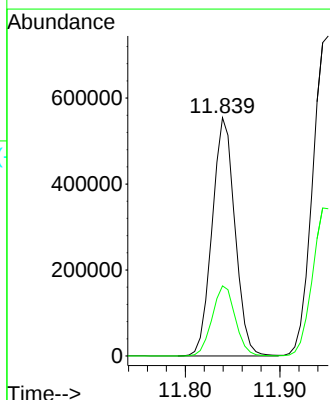
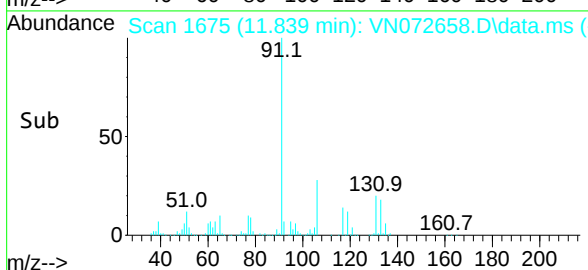
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

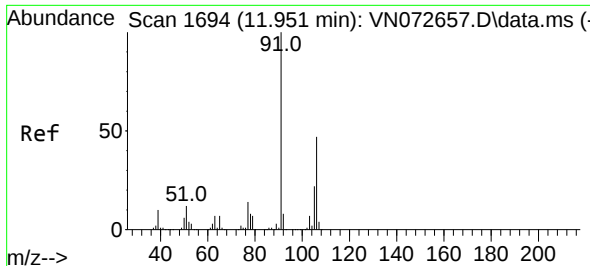


#66
Ethyl Benzene
Concen: 48.729 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41



Tgt Ion: 91 Resp: 928449
Ion Ratio Lower Upper
91 100
106 29.5 24.0 36.0





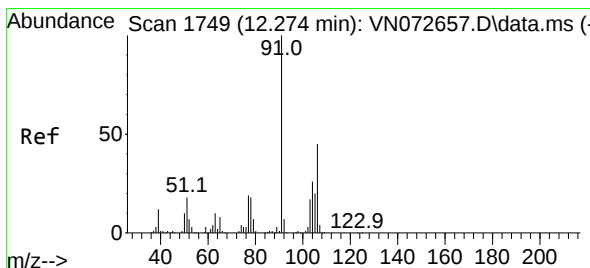
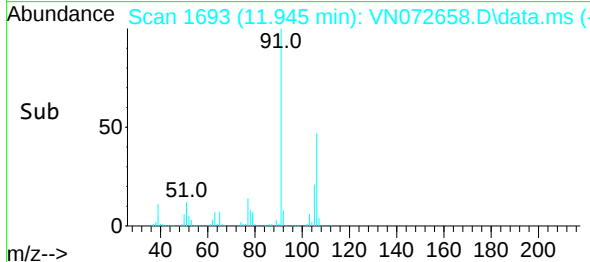
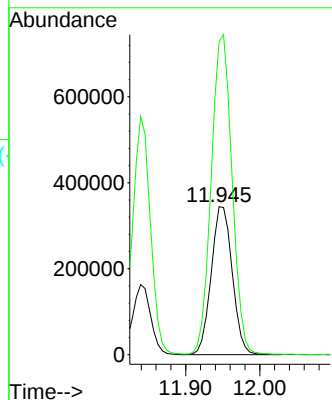
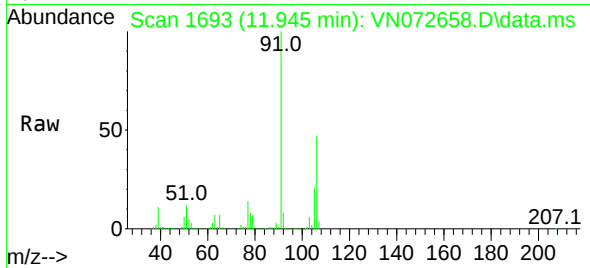
#67
m/p-Xylenes
Concen: 99.251 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 680439
Ion Ratio Lower Upper
106 100
91 213.8 162.9 244.3

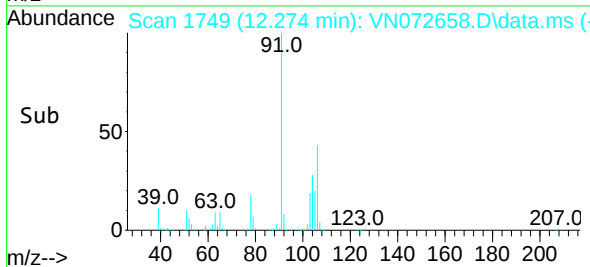
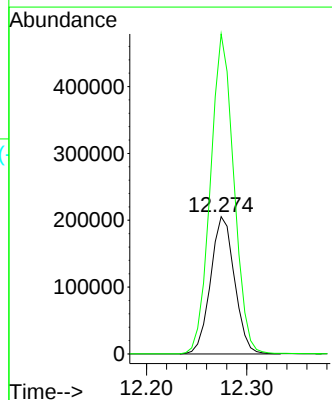
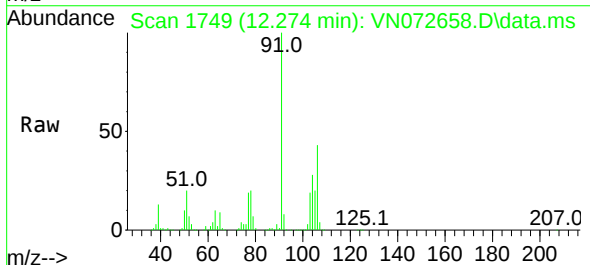
Manual Integrations
APPROVED

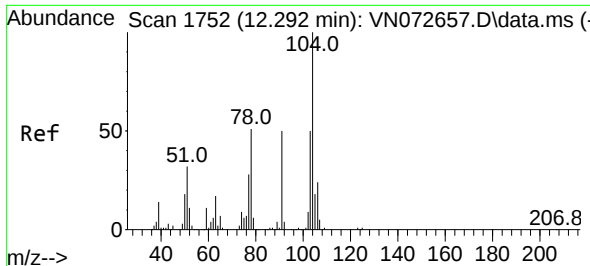
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#68
o-Xylene
Concen: 49.603 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

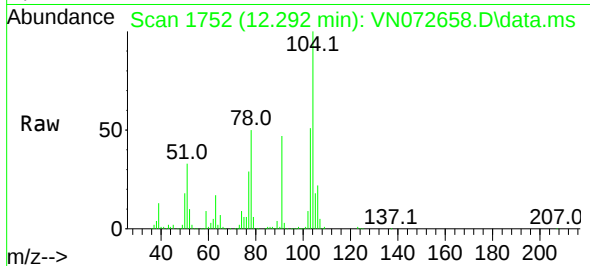
Tgt Ion:106 Resp: 341125
Ion Ratio Lower Upper
106 100
91 227.7 107.7 323.1





#69
Styrene
Concen: 51.635 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

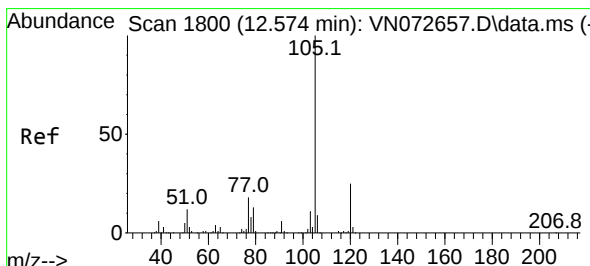
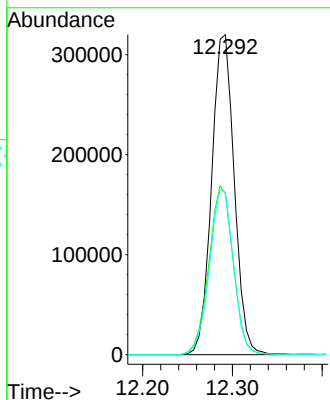
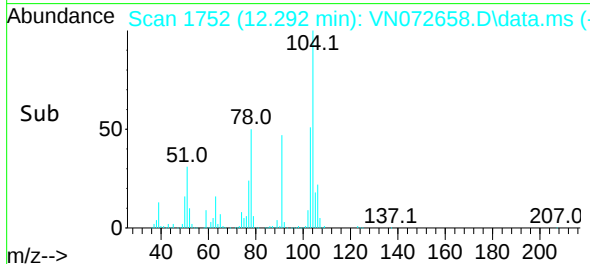
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



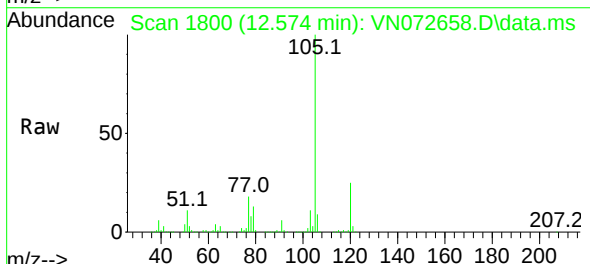
Tgt Ion:104 Resp: 56062
Ion Ratio Lower Upper
104 100
78 56.6 40.7 61.1
103 54.9 45.8 68.8

Manual Integrations
APPROVED

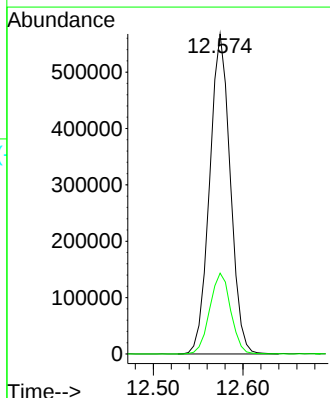
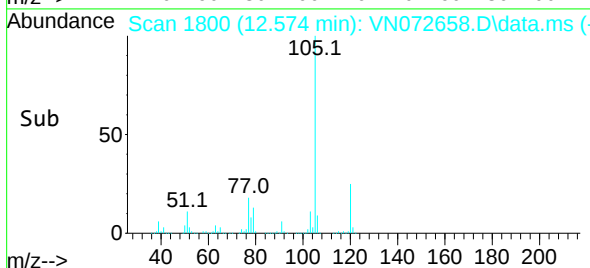
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

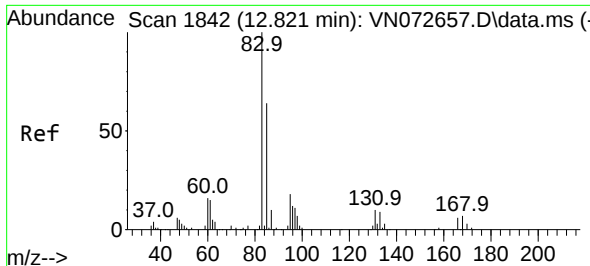


#70
Isopropylbenzene
Concen: 51.534 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41



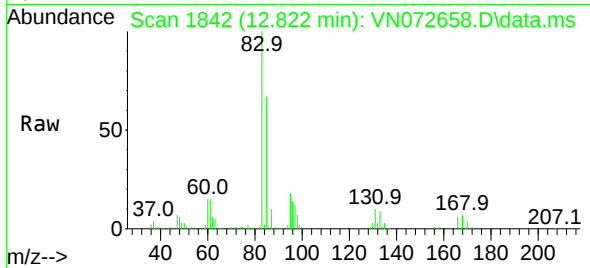
Tgt Ion:105 Resp: 906954
Ion Ratio Lower Upper
105 100
120 25.6 18.3 34.1





#71
 1,1,2,2-Tetrachloroethane
 Concen: 52.219 ug/l
 RT: 12.822 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VN072658.D
 Acq: 06 Jun 2022 11:41

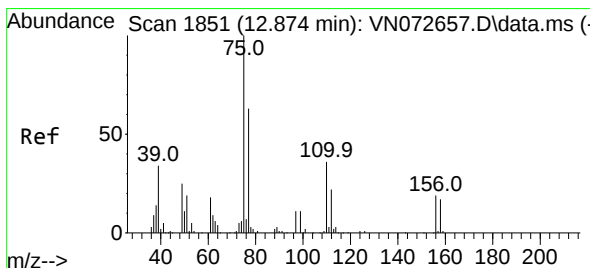
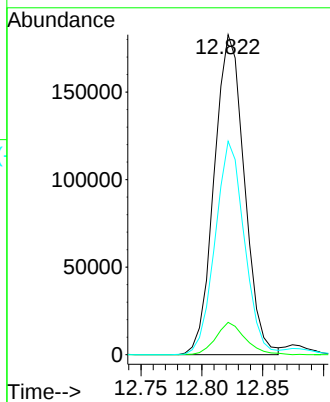
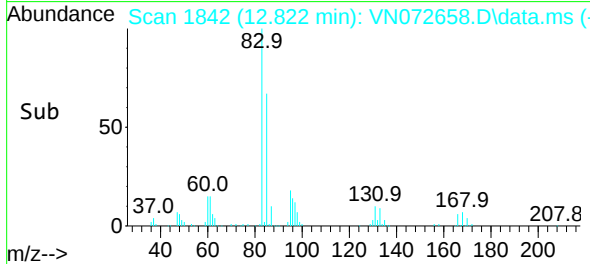
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 83 Resp: 314974
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.1 15.3
 85 64.7 33.1 99.2

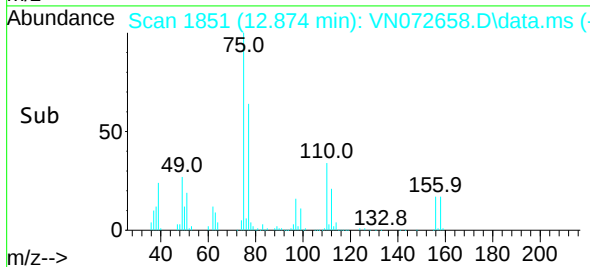
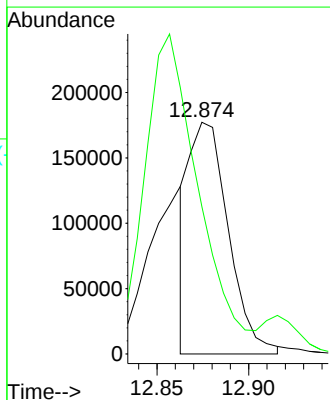
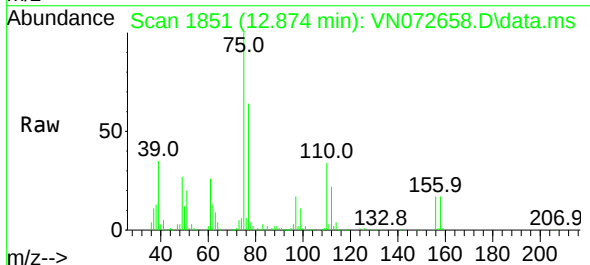
Manual Integrations
 APPROVED

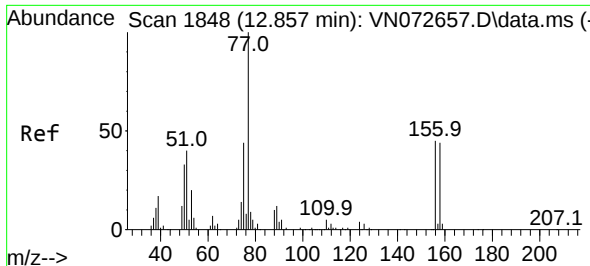
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#72
 1,2,3-Trichloropropane
 Concen: 46.312 ug/l m
 RT: 12.874 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN072658.D
 Acq: 06 Jun 2022 11:41

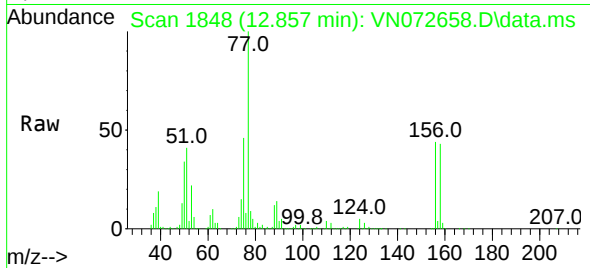
Tgt Ion: 75 Resp: 264504
 Ion Ratio Lower Upper
 75 100
 77 190.5 0.0 378.0





#73
Bromobenzene
Concen: 49.342 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

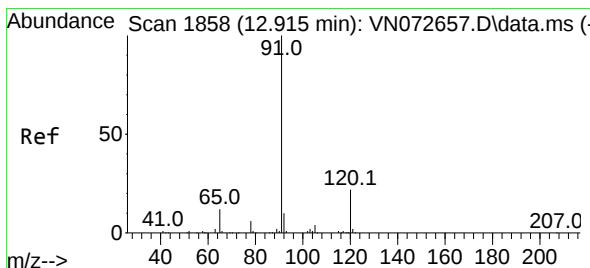
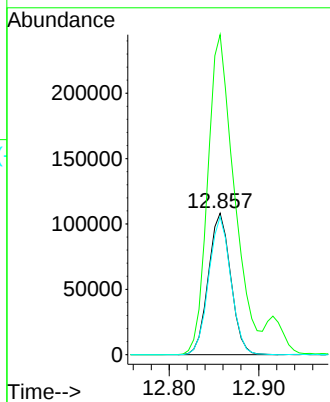
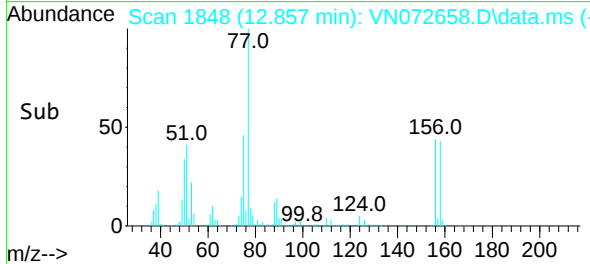
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:156 Resp: 187228
Ion Ratio Lower Upper
156 100
77 269.2 0.0 416.0
158 96.5 0.0 195.4

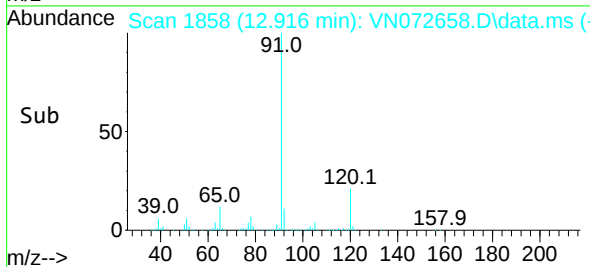
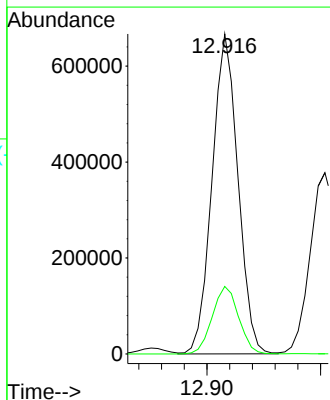
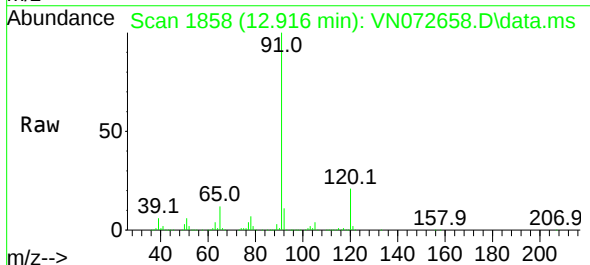
Manual Integrations
APPROVED

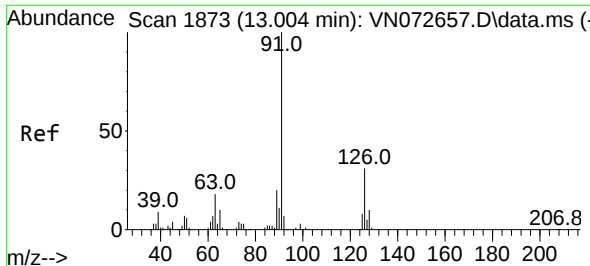
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#74
n-propylbenzene
Concen: 52.894 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

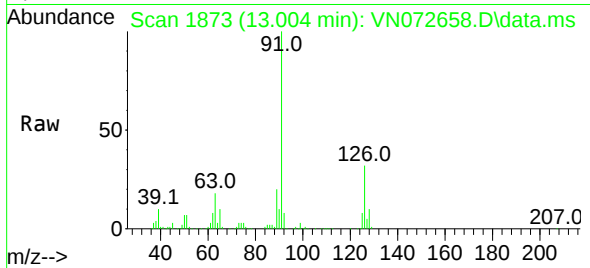
Tgt Ion: 91 Resp: 1055583
Ion Ratio Lower Upper
91 100
120 21.5 0.0 45.0





#75
2-Chlorotoluene
Concen: 52.919 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

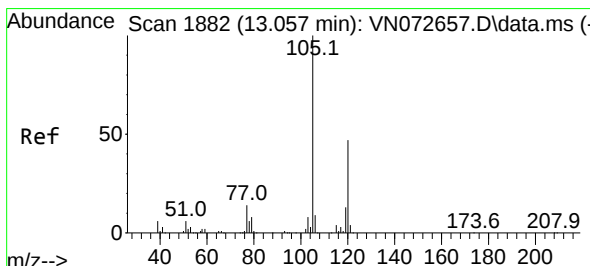
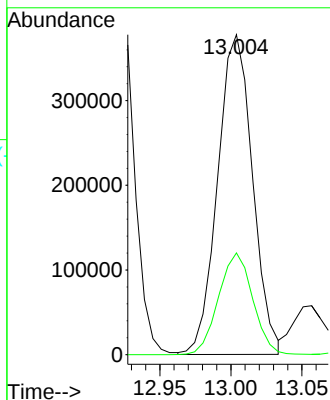
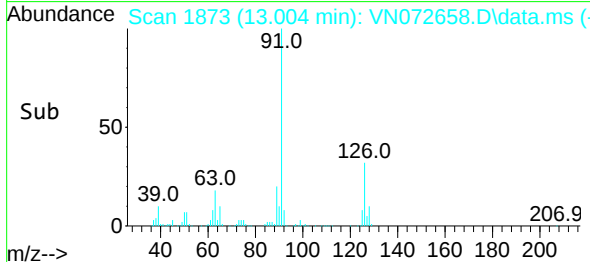
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



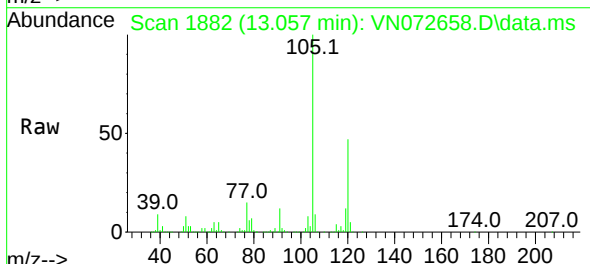
Tgt Ion: 91 Resp: 64465
Ion Ratio Lower Upper
91 100
126 31.2 0.0 69.8

Manual Integrations
APPROVED

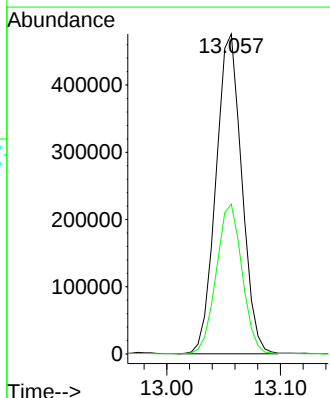
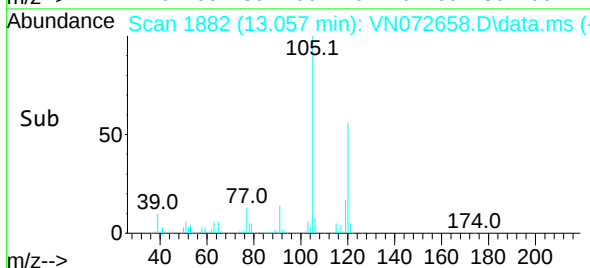
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

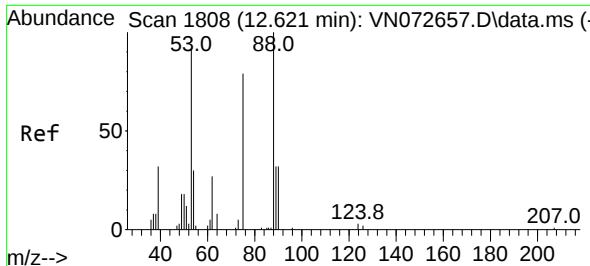


#76
1,3,5-Trimethylbenzene
Concen: 53.717 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41



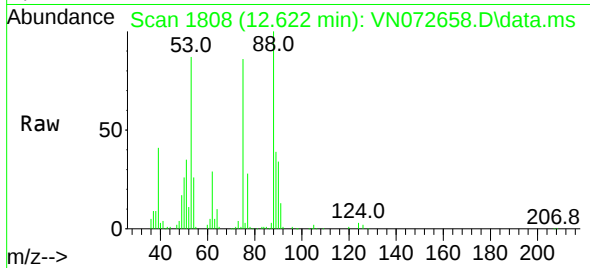
Tgt Ion:105 Resp: 753032
Ion Ratio Lower Upper
105 100
120 46.8 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 58.694 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

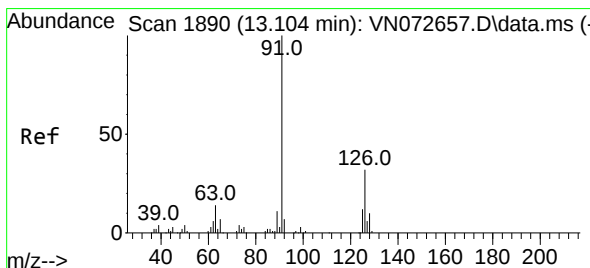
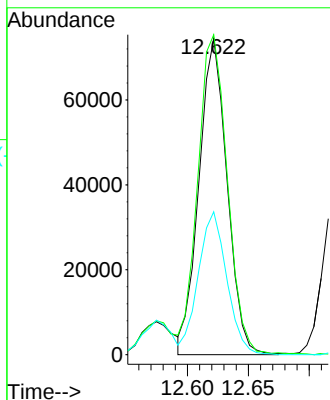
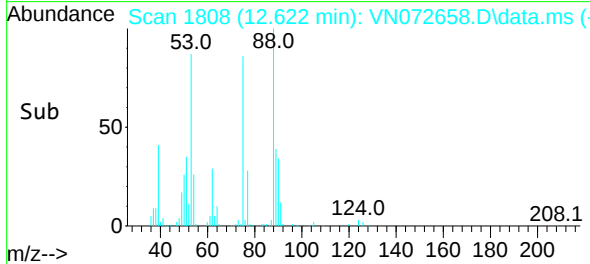
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 75 Resp: 119652
Ion Ratio Lower Upper
75 100
53 100.9 51.8 155.5
89 45.4 22.9 68.7

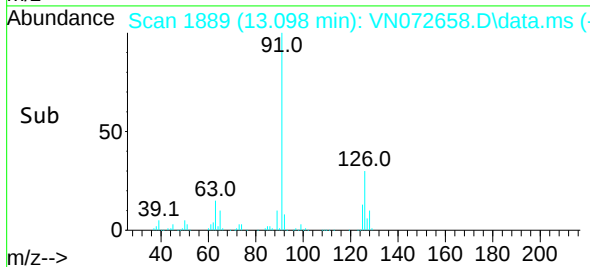
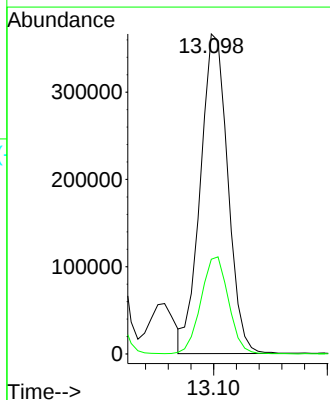
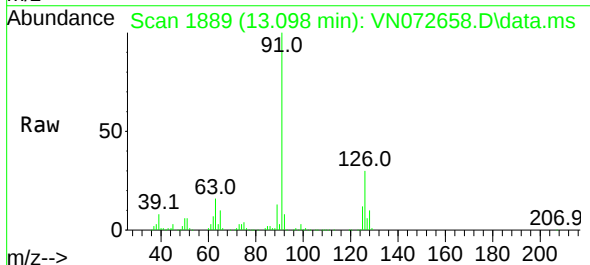
Manual Integrations
APPROVED

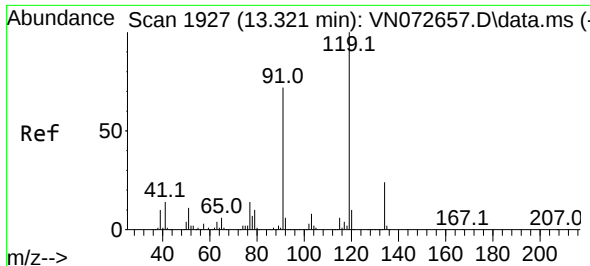
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#78
4-Chlorotoluene
Concen: 55.269 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

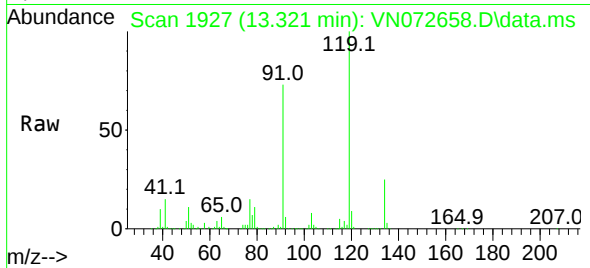
Tgt Ion: 91 Resp: 614514
Ion Ratio Lower Upper
91 100
126 30.7 0.0 70.6





#79
tert-butylbenzene
Concen: 54.646 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

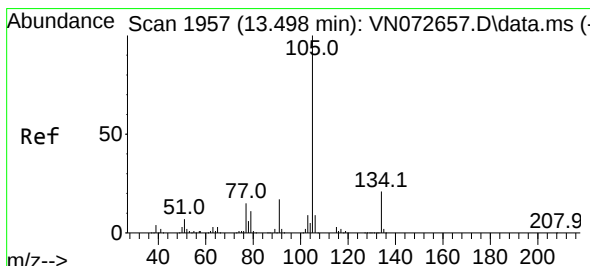
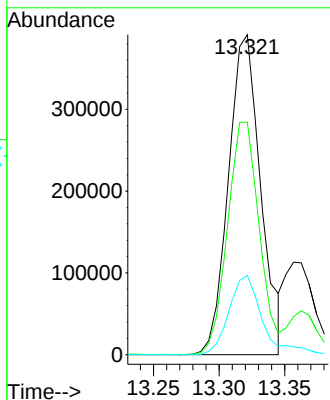
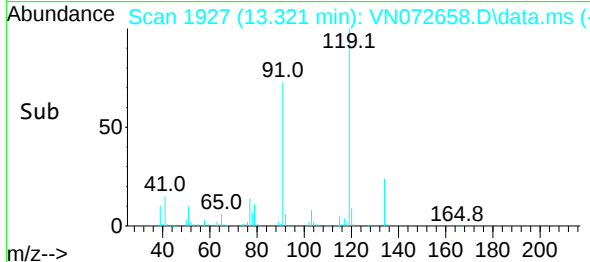
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



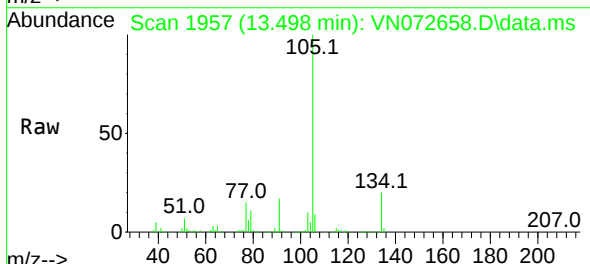
Tgt Ion:119 Resp: 670178
Ion Ratio Lower Upper
119 100
91 71.4 0.0 137.0
134 23.6 0.0 47.6

Manual Integrations
APPROVED

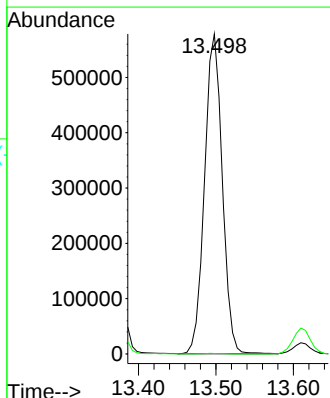
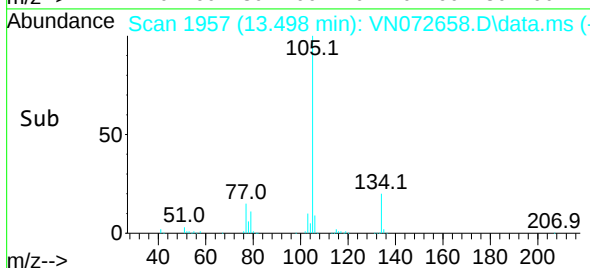
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

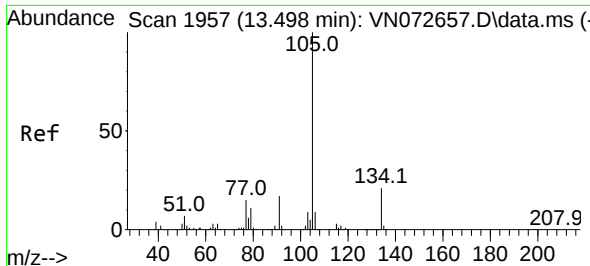


#80
1,2,4-Trimethylbenzene
Concen: 64.945 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41



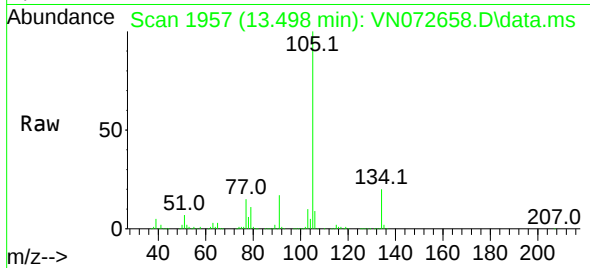
Tgt Ion:105 Resp: 916449
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 52.018 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072658.D
 Acq: 06 Jun 2022 11:41

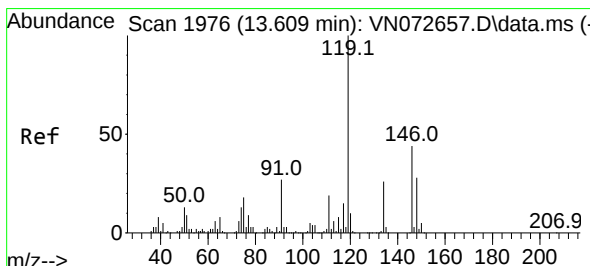
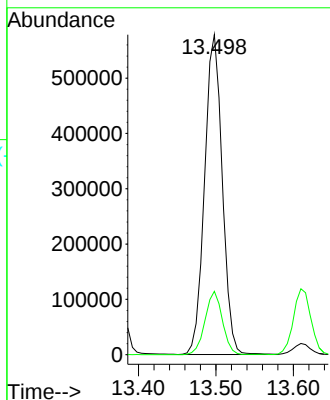
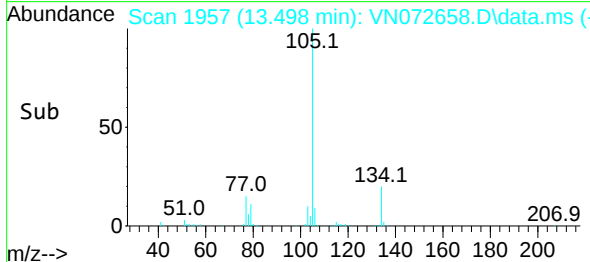
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



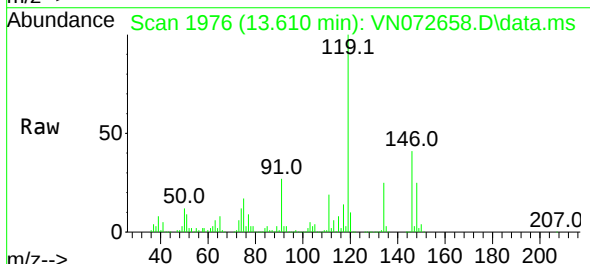
Tgt Ion:105 Resp: 916449
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.4

Manual Integrations
 APPROVED

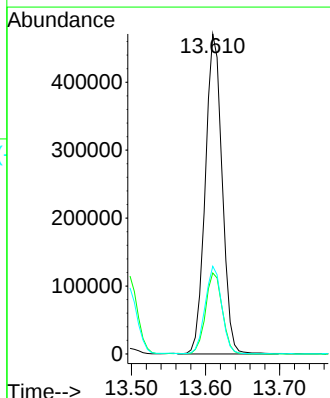
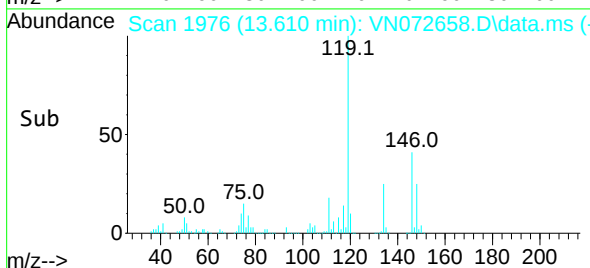
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

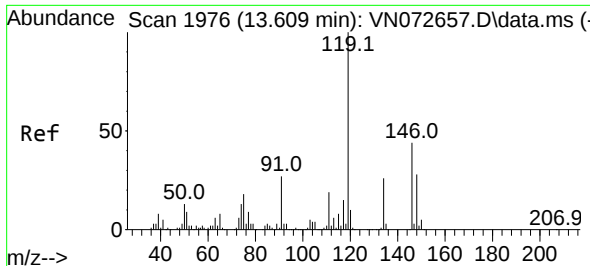


#82
 p-Isopropyltoluene
 Concen: 54.381 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072658.D
 Acq: 06 Jun 2022 11:41



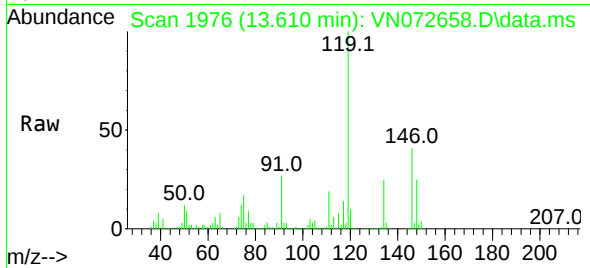
Tgt Ion:119 Resp: 743131
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 51.8
 91 26.8 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 49.940 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

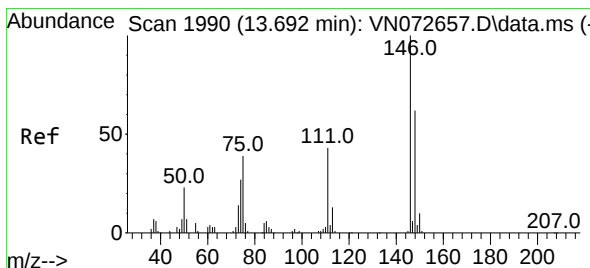
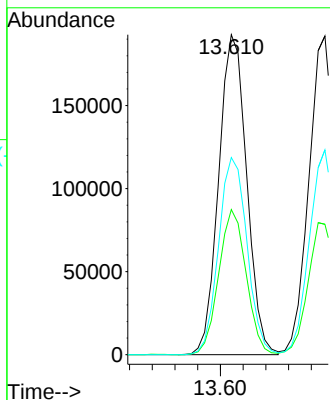
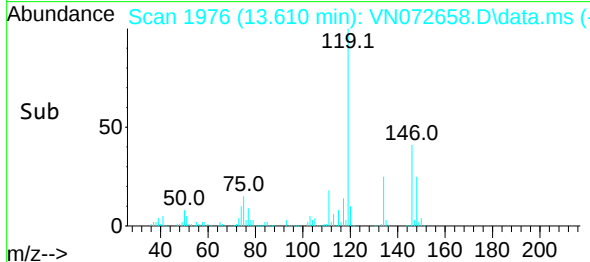
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



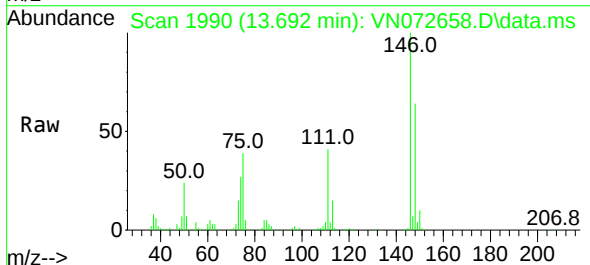
Tgt Ion:146 Resp: 330360
Ion Ratio Lower Upper
146 100
111 44.4 20.8 62.2
148 62.6 31.4 94.3

Manual Integrations
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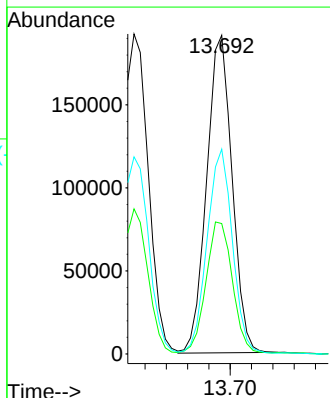
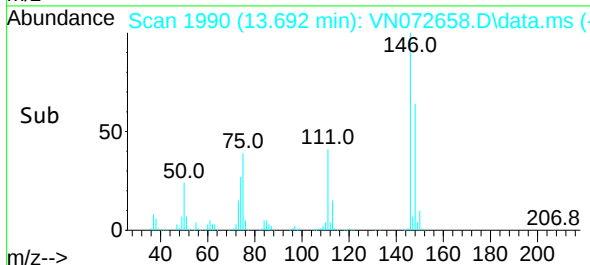
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

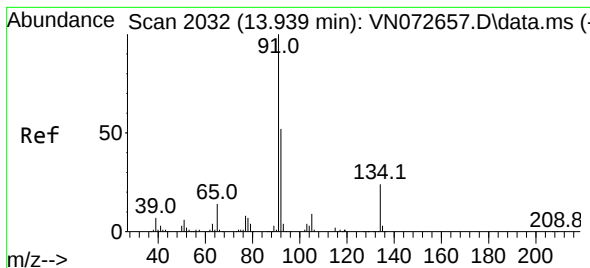


#84
1,4-Dichlorobenzene
Concen: 49.280 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41



Tgt Ion:146 Resp: 317163
Ion Ratio Lower Upper
146 100
111 43.5 19.5 58.5
148 64.7 31.1 93.5





#85

n-Butylbenzene

Concen: 55.165 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

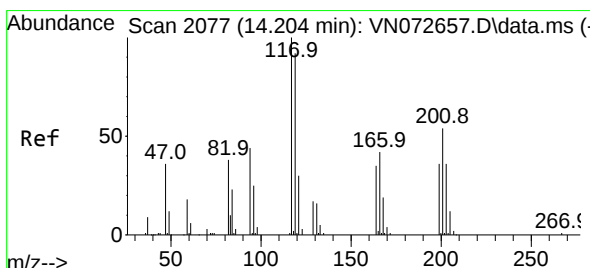
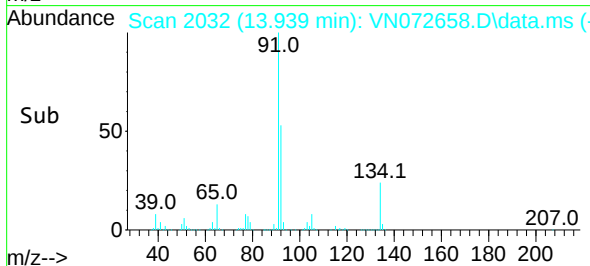
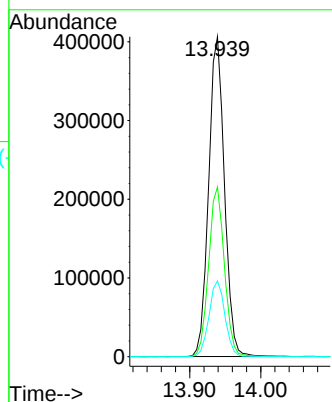
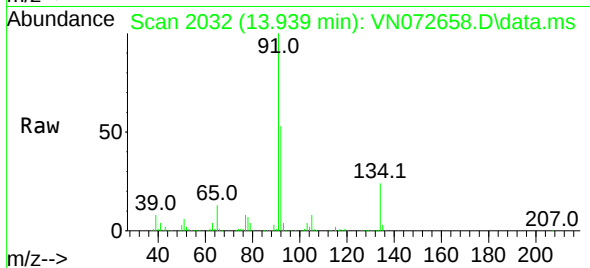
Tgt Ion:	91	Resp:	62830
Ion Ratio	Lower	Upper	
91	100		
92	53.0	0.0	100.6
134	23.9	0.0	50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#86

Hexachloroethane

Concen: 58.252 ug/l

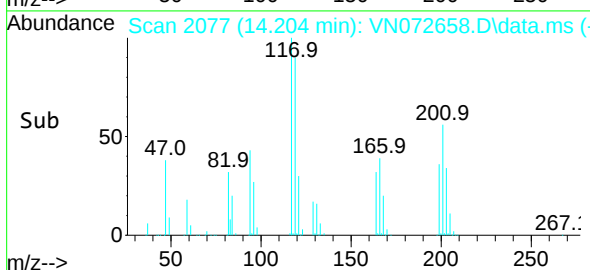
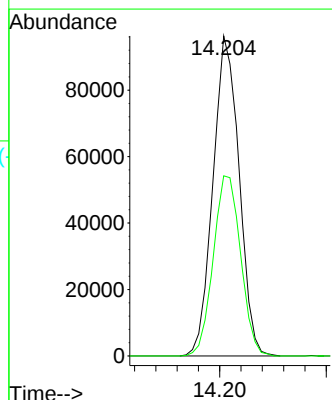
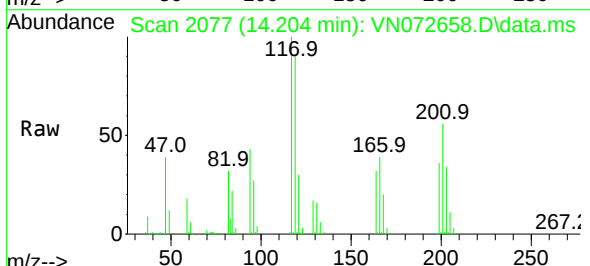
RT: 14.204 min Scan# 2077

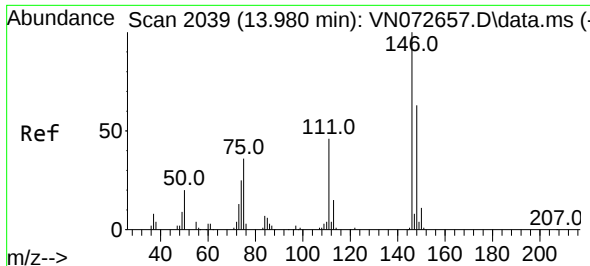
Delta R.T. 0.000 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

Tgt Ion:	117	Resp:	163822
Ion Ratio	Lower	Upper	
117	100		
201	59.0	33.3	99.8





#87

1,2-Dichlorobenzene

Concen: 50.892 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:146 Resp: 330824

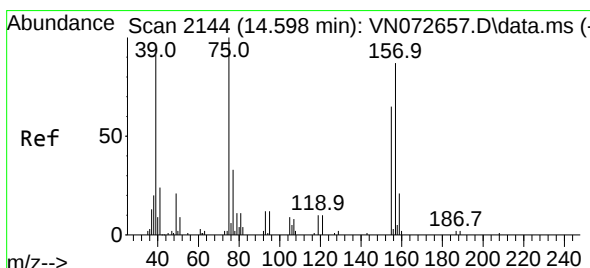
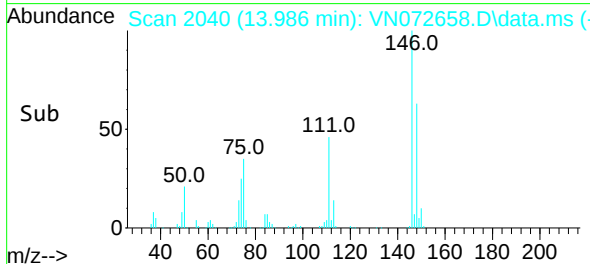
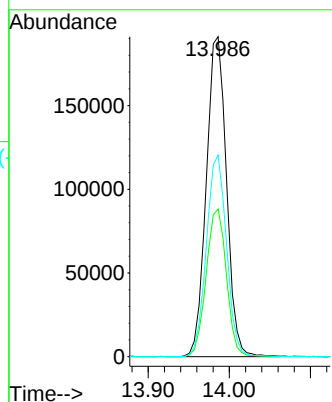
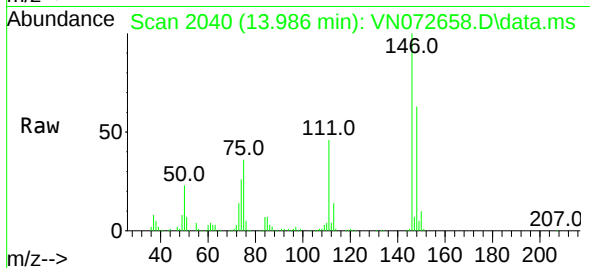
Ion	Ratio	Lower	Upper
146	100		
111	46.2	21.4	64.2
148	62.8	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 63.444 ug/l

RT: 14.598 min Scan# 2144

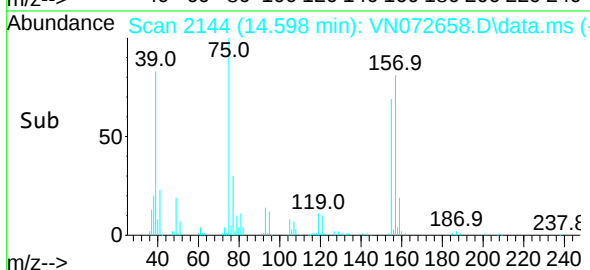
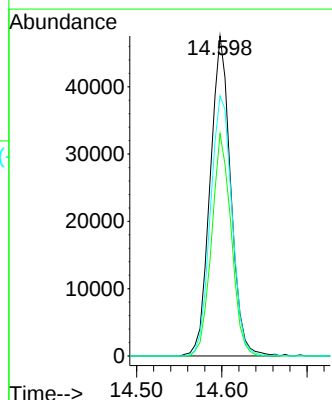
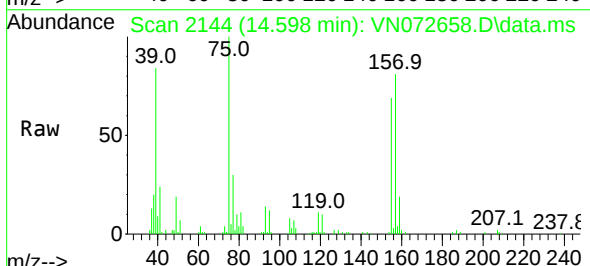
Delta R.T. 0.000 min

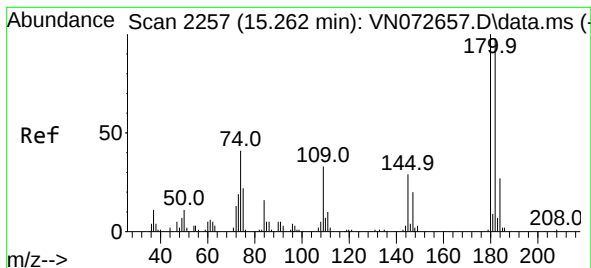
Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

Tgt Ion: 75 Resp: 79611

Ion	Ratio	Lower	Upper
75	100		
155	66.1	63.8	95.8
157	85.0	77.9	116.9





#89

1,2,4-Trichlorobenzene

Concen: 50.430 ug/l

RT: 15.257 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:180 Resp: 16328

Ion Ratio Lower Upper

180 100

182 94.6 77.7 116.5

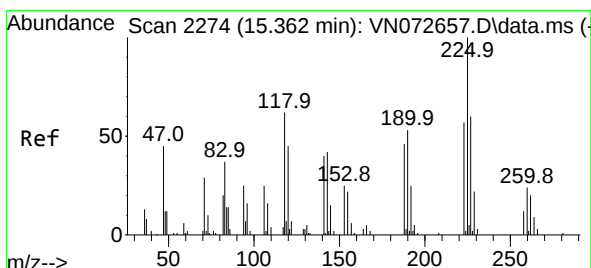
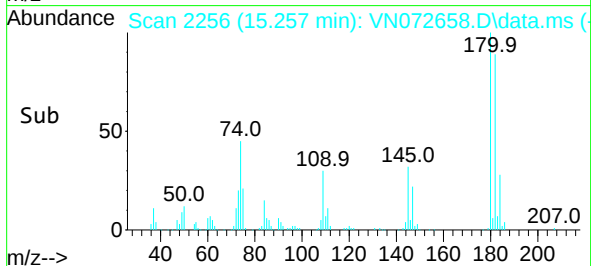
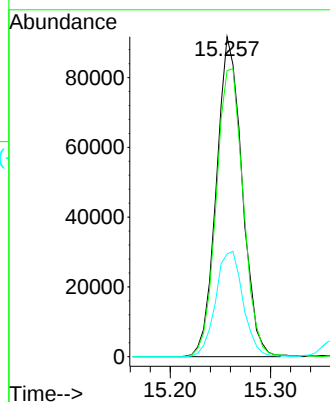
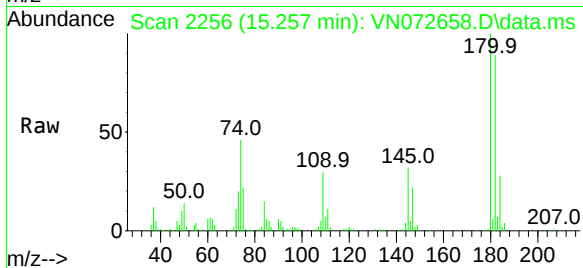
145 35.0 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#90

Hexachlorobutadiene

Concen: 46.882 ug/l

RT: 15.363 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN072658.D

Acq: 06 Jun 2022 11:41

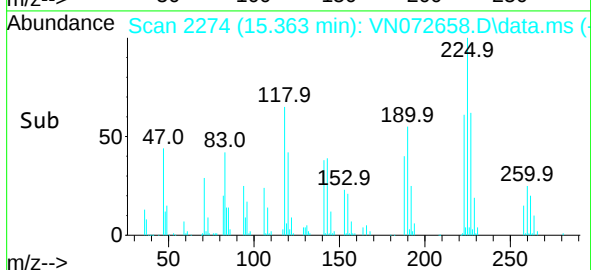
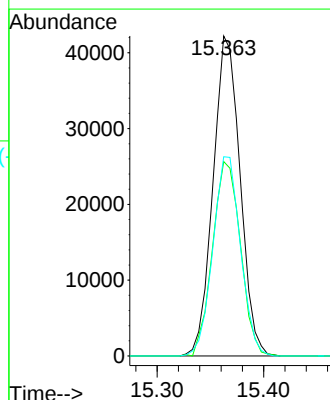
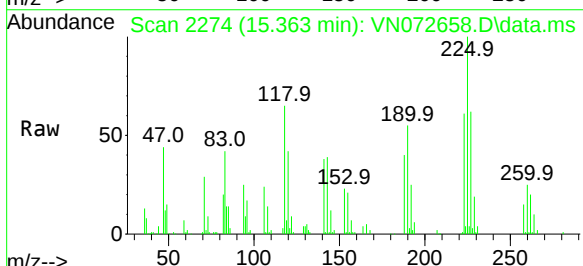
Tgt Ion:225 Resp: 74428

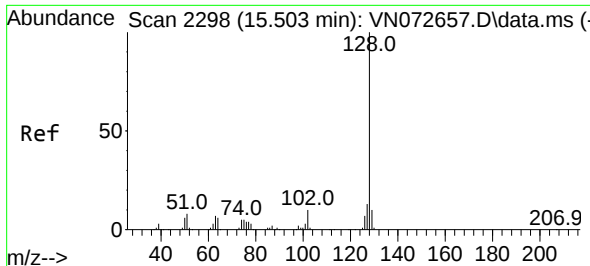
Ion Ratio Lower Upper

225 100

223 62.7 0.0 126.8

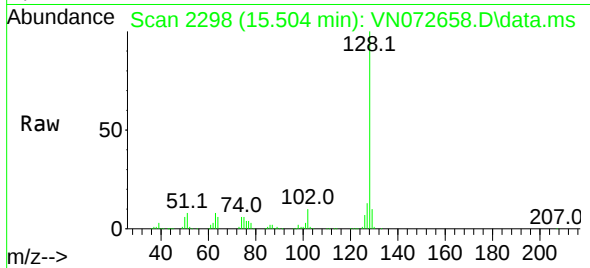
227 63.5 0.0 123.0





#91
Naphthalene
Concen: 55.419 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

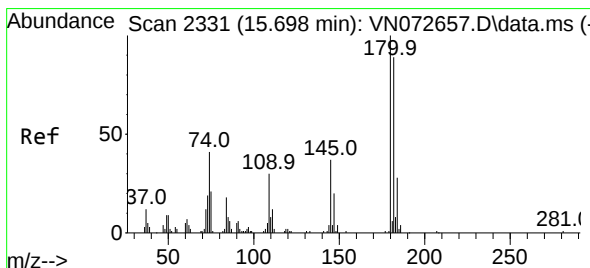
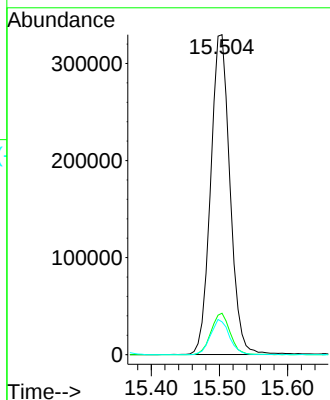
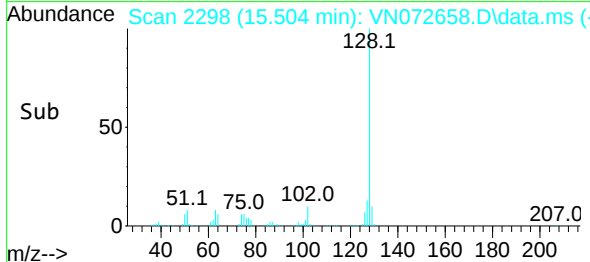
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:128 Resp: 65098
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.7 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#92
1,2,3-Trichlorobenzene
Concen: 51.184 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072658.D
Acq: 06 Jun 2022 11:41

Tgt Ion:180 Resp: 168112
Ion Ratio Lower Upper
180 100
182 94.6 0.0 190.0
145 35.8 0.0 67.8

