

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073068.D
 Acq On : 24 Jun 2022 01:10
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 24 04:21:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:19:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

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

Internal Standards						
1) Bromochloromethane	7.587	128	43234	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.898	114	243213	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.680	117	222363	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	119896	25.162	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	83.867%#		
60) 4-Bromofluorobenzene	12.669	95	133555	29.615	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.733%		
63) Toluene-d8	10.375	98	354658	29.015	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	355906	107.189	ug/l	98
3) Chloromethane	2.269	50	325929	93.504	ug/l	96
4) Vinyl Chloride	2.405	62	291928	92.847	ug/l	98
5) Bromomethane	2.781	94	71430	45.718	ug/l	99
6) Chloroethane	2.946	64	168816	82.512	ug/l	97
7) Trichlorofluoromethane	3.310	101	532285	94.468	ug/l	100
8) Diethyl Ether	3.769	74	218374	98.435	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.140	101	293395	97.790	ug/l #	69
10) 1,1-Dichloroethene	4.110	96	298264	103.061	ug/l	98
11) Methyl Iodide	4.346	142	329438	118.454	ug/l	92
12) Methyl Acetate	4.775	43	584813	97.853	ug/l	92
13) Acrolein	3.981	56	314678	572.936	ug/l	98
14) Acrylonitrile	5.475	53	1162829	486.557	ug/l	98
15) Acetone	4.222	58	319902	488.891	ug/l	93
16) Carbon Disulfide	4.457	76	820540	111.519	ug/l	97
17) Allyl chloride	4.757	41	568259	94.229	ug/l	84
18) Methylene Chloride	5.010	84	346758	97.273	ug/l	92
19) trans-1,2-Dichloroethene	5.516	96	309631	100.412	ug/l	93
20) Diisopropyl ether	6.416	45	1186459	98.437	ug/l	91
21) 1,1-Dichloroethane	6.304	63	618174	92.657	ug/l	97
22) cis-1,2-Dichloroethene	7.251	96	367497	96.144	ug/l	95
23) tert-Butyl Alcohol	5.293	59	467971	436.576	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	1111127	89.954	ug/l	99
25) Chloroform	7.745	83	619188	91.024	ug/l	97
26) Cyclohexane	8.022	56	549220	97.918	ug/l #	94
29) 1,1-Dichloropropene	8.151	75	461522	100.388	ug/l	97
30) 2-Butanone	7.257	43	1710135	506.127	ug/l	93
31) 2,2-Dichloropropane	7.245	77	205624	37.463	ug/l	95
32) 1,1,1-Trichloroethane	7.939	97	558089	94.118	ug/l	98
33) Carbon Tetrachloride	8.134	117	479823	94.030	ug/l	99
34) Benzene	8.386	78	1390122	100.752	ug/l	99
35) Methacrylonitrile	7.563	41	303122	92.145	ug/l	90
36) 1,2-Dichloroethane	8.463	62	518848	91.858	ug/l	99
37) Trichloroethene	9.145	130	350184	105.218	ug/l	93
38) Methylcyclohexane	9.392	83	549274	99.762	ug/l	92
39) 1,2-Dichloropropane	9.422	63	357358	95.654	ug/l	100
40) Dibromomethane	9.510	93	242893	94.779	ug/l	94
41) Bromodichloromethane	9.698	83	497789	92.742	ug/l	97
42) Vinyl Acetate	6.351	43	5435705	501.766	ug/l	99

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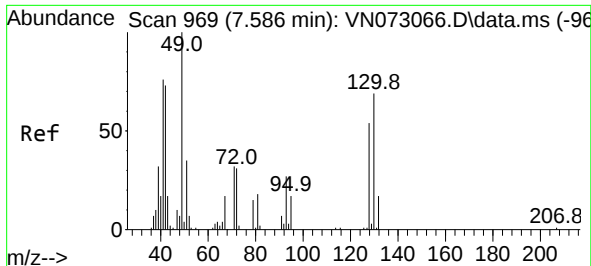
Quant Time: Jun 24 04:21:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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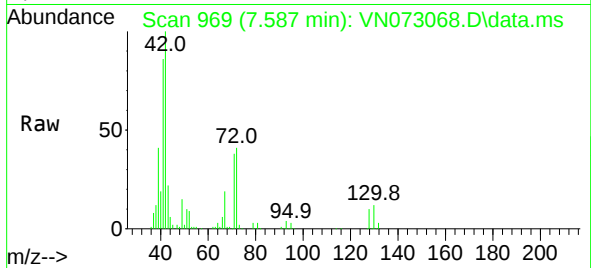
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.334	43	670852	103.144	ug/l	97
44) Isopropyl Acetate	8.492	43	1017648	97.036	ug/l	98
45) 1,4-Dioxane	9.504	88	174614	2001.688	ug/l	91
46) Methyl methacrylate	9.492	41	462273	98.102	ug/l	82
47) n-amyl Acetate	12.327	43	852127	104.451	ug/l	97
48) t-1,3-Dichloropropene	10.657	75	487200	81.678	ug/l	97
49) cis-1,3-Dichloropropene	10.122	75	516709	84.349	ug/l	98
50) 1,1,2-Trichloroethane	10.833	97	351213	97.029	ug/l	97
51) Ethyl methacrylate	10.698	69	623539	96.090	ug/l	89
52) 1,3-Dichloropropane	10.980	76	616229	96.689	ug/l	99
53) Dibromochloromethane	11.175	129	381464	97.122	ug/l	99
54) 1,2-Dibromoethane	11.280	107	377797	99.265	ug/l	97
55) 2-Chloroethyl vinyl ether	9.975	63	1335156	506.793	ug/l	99
56) Bromoform	12.392	173	285309	103.224	ug/l #	100
58) 4-Methyl-2-Pentanone	10.269	43	3241998	487.343	ug/l	97
59) 2-Hexanone	11.022	43	2514857	497.083	ug/l	98
61) Tetrachloroethene	10.910	164	292756	105.855	ug/l	92
62) Toluene	10.439	91	1500343	99.472	ug/l	97
64) Chlorobenzene	11.704	112	912804	99.797	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.775	131	345416	97.389	ug/l	100
66) Ethyl Benzene	11.780	91	1690367	98.852	ug/l	99
67) m/p-Xylenes	11.886	106	1264033	200.764	ug/l	98
68) o-Xylene	12.216	106	636172	99.457	ug/l	98
69) Styrene	12.233	104	1051979	102.676	ug/l	98
70) Isopropylbenzene	12.516	105	1665486	99.893	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.763	83	552535	97.861	ug/l	98
72) 1,2,3-Trichloropropane	12.816	75	443608m	93.687	ug/l	
73) Bromobenzene	12.792	156	384294	110.600	ug/l	93
74) n-propylbenzene	12.857	91	1935194	101.511	ug/l	100
75) 2-Chlorotoluene	12.939	91	1172492	98.807	ug/l	97
76) 1,3,5-Trimethylbenzene	12.992	105	1394396	101.633	ug/l	98
77) t-1,4-Dichloro-2-butene	12.563	75	146234	75.341	ug/l	96
78) 4-Chlorotoluene	13.039	91	1145595	102.074	ug/l	96
79) tert-butylbenzene	13.257	119	1192819	97.698	ug/l	99
80) 1,2,4-Trimethylbenzene	13.304	105	1363669m	84.949	ug/l	
81) sec-Butylbenzene	13.439	105	1690945	102.150	ug/l	99
82) p-Isopropyltoluene	13.551	119	1386396	104.135	ug/l	99
83) 1,3-Dichlorobenzene	13.551	146	695712	113.050	ug/l	99
84) 1,4-Dichlorobenzene	13.627	146	706276	117.872	ug/l	100
85) n-Butylbenzene	13.880	91	1192600	107.281	ug/l	97
86) Hexachloroethane	14.145	117	271513	95.742	ug/l	96
87) 1,2-Dichlorobenzene	13.921	146	705966	114.986	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.539	75	147685	103.941	ug/l	94
89) 1,2,4-Trichlorobenzene	15.192	180	406702	131.129	ug/l	97
90) Hexachlorobutadiene	15.298	225	157181	116.651	ug/l	98
91) Naphthalene	15.427	128	1539646	123.973	ug/l	99
92) 1,2,3-Trichlorobenzene	15.621	180	405608	127.820	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 90
Delta R.T. 0.001 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

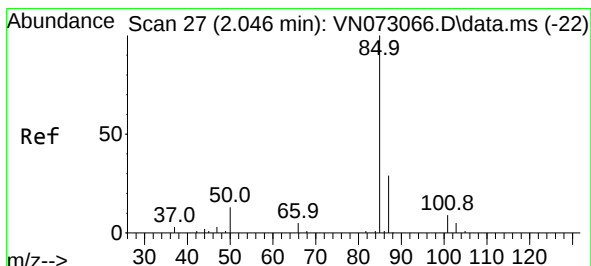
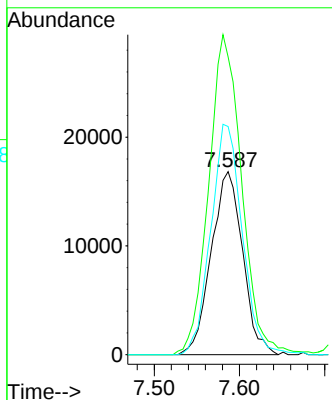
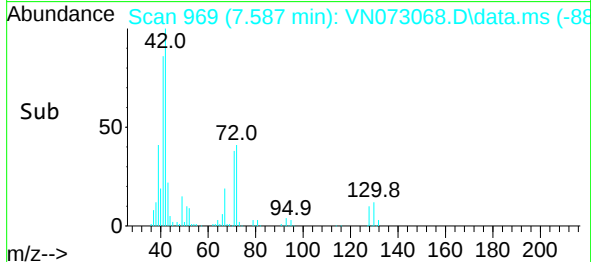
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



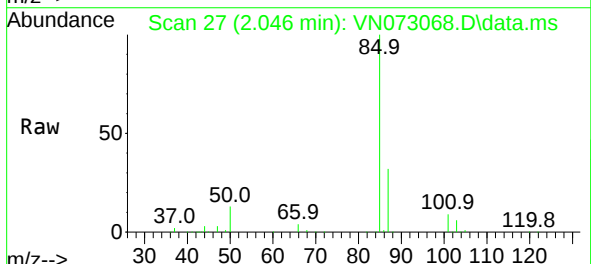
Tgt Ion:128 Resp: 43234
Ion Ratio Lower Upper
128 100
49 183.5 0.0 392.3
130 126.1 0.0 320.2

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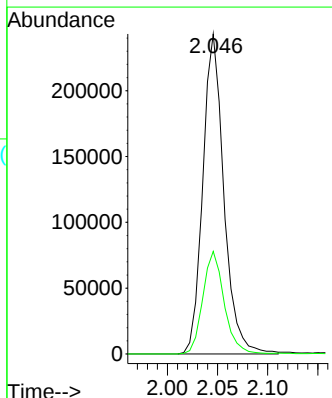
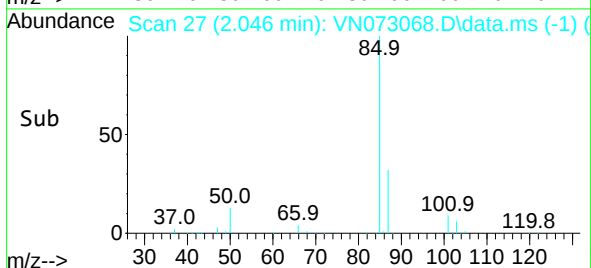
Reviewed By :John Carlone 06/24/2022
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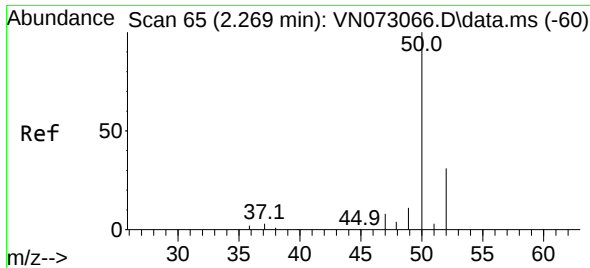


#2
Dichlorodifluoromethane
Concen: 107.189 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



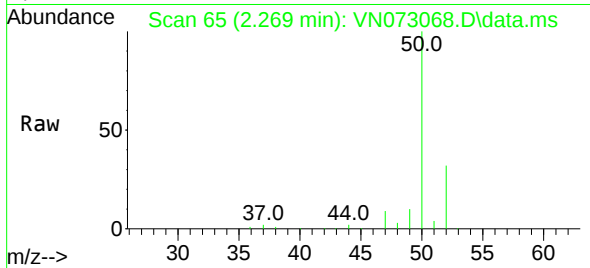
Tgt Ion: 85 Resp: 355906
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.7





#3
Chloromethane
Concen: 93.504 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

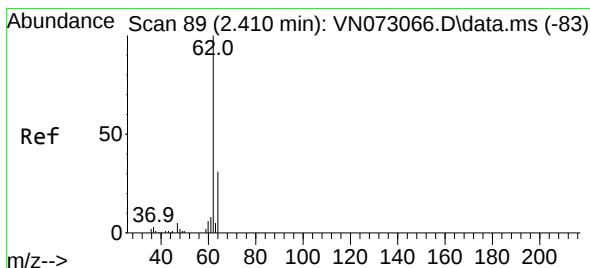
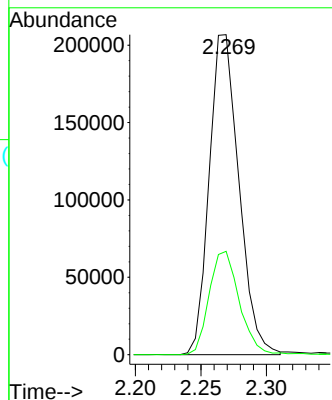
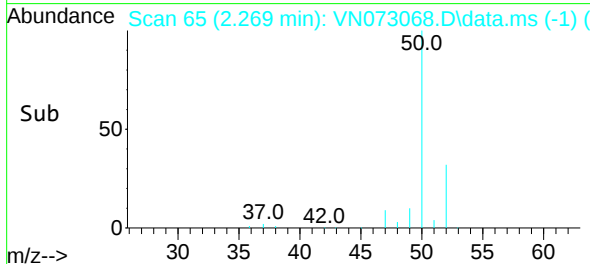
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



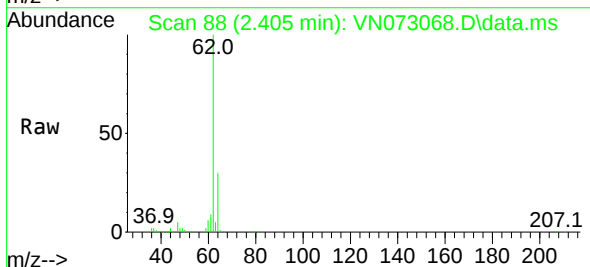
Tgt Ion: 50 Resp: 325929
Ion Ratio Lower Upper
50 100
52 32.3 27.8 41.6

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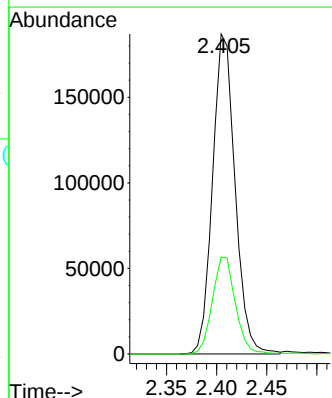
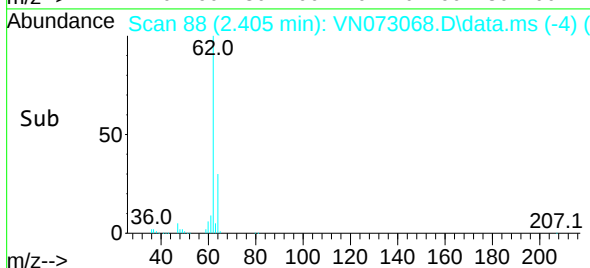
Reviewed By :John Carlone 06/24/2022
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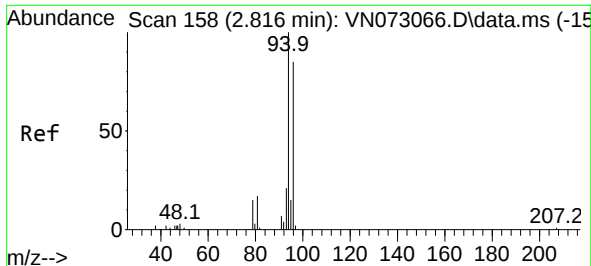


#4
Vinyl Chloride
Concen: 92.847 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



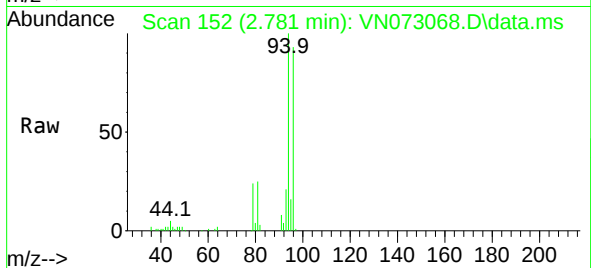
Tgt Ion: 62 Resp: 291928
Ion Ratio Lower Upper
62 100
64 30.3 25.1 37.7





#5
Bromomethane
Concen: 45.718 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

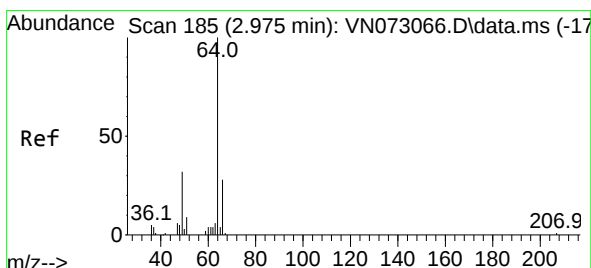
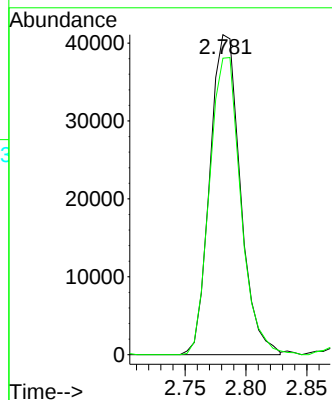
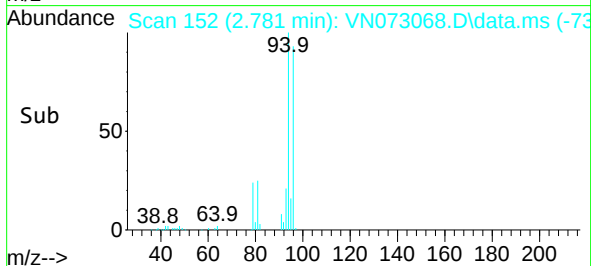
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



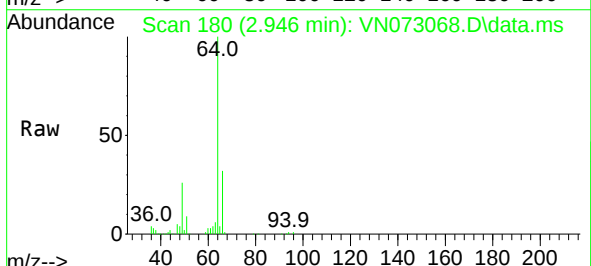
Tgt Ion: 94 Resp: 71430
Ion Ratio Lower Upper
94 100
96 92.6 75.2 112.8

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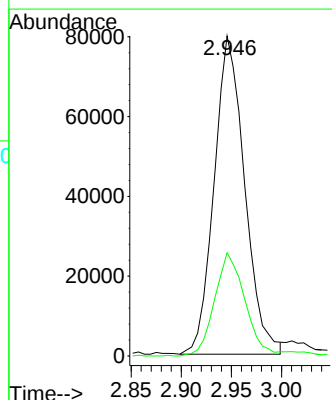
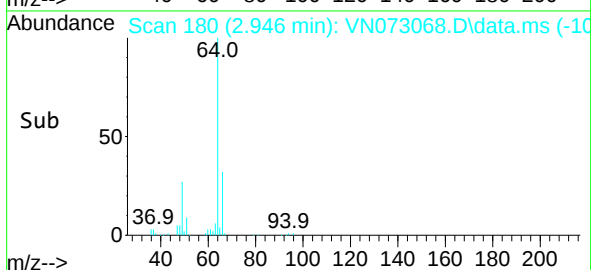
Reviewed By :John Carlone 06/24/2022
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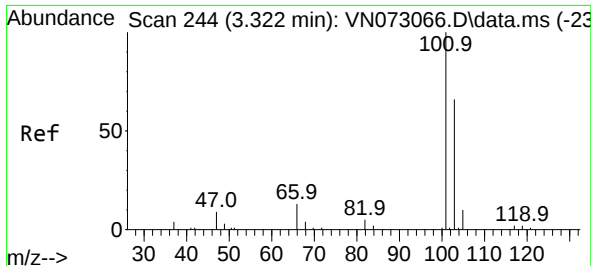


#6
Chloroethane
Concen: 82.512 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.029 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



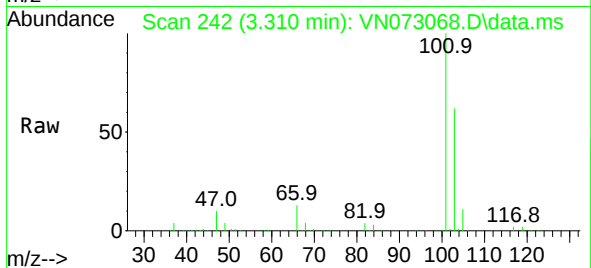
Tgt Ion: 64 Resp: 168816
Ion Ratio Lower Upper
64 100
66 32.4 24.6 36.8





#7
Trichlorofluoromethane
Concen: 94.468 ug/l
RT: 3.310 min Scan# 244
Delta R.T. -0.012 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

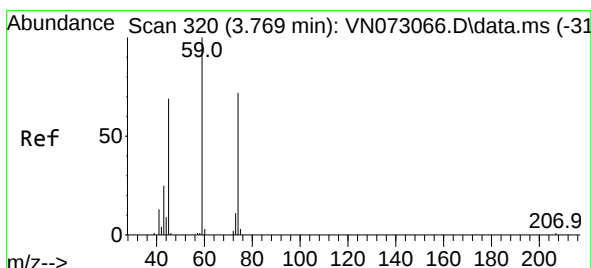
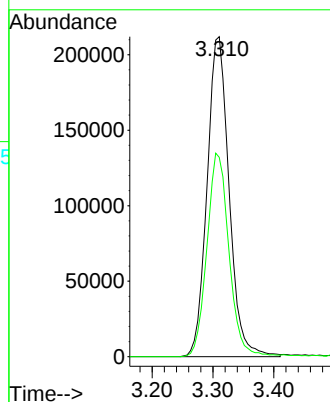
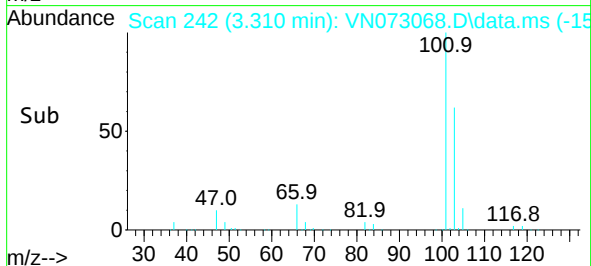
Instrument :
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ClientSampleId :
VSTDIC100



Tgt Ion:101 Resp: 53228
Ion Ratio Lower Upper
101 100
103 62.3 50.1 75.1

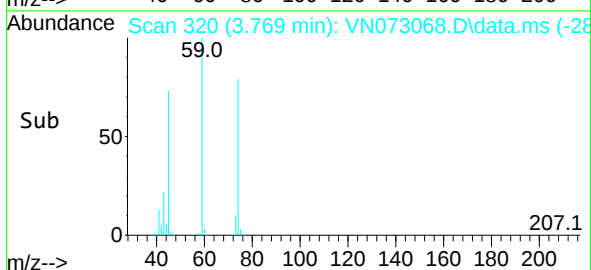
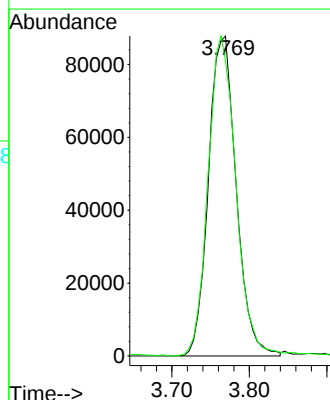
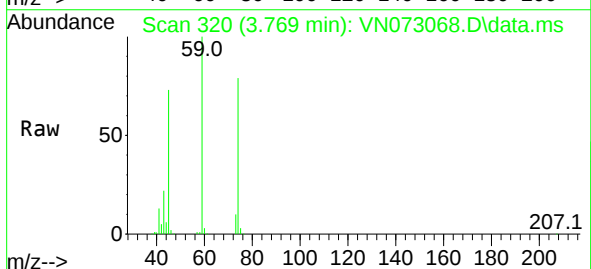
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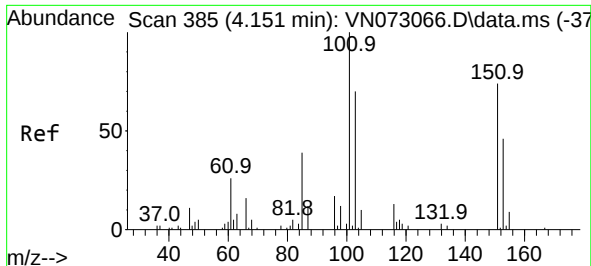
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#8
Diethyl Ether
Concen: 98.435 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

Tgt Ion: 74 Resp: 218374
Ion Ratio Lower Upper
74 100
45 100.2 17.6 158.8





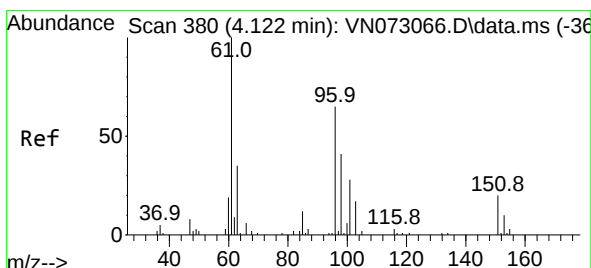
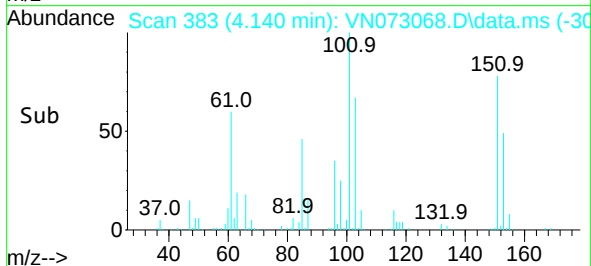
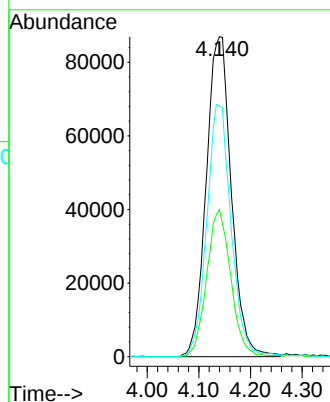
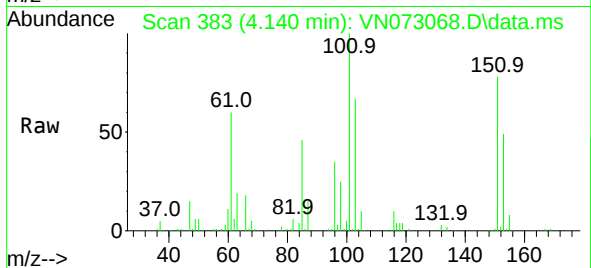
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1,1,2-Trichlorotrifluoroethane
Concen: 97.790 ug/l
RT: 4.140 min Scan# 385
Delta R.T. -0.012 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 29339
Ion Ratio Lower Upper
101 100
85 43.6 0.0 94.0
151 75.9 0.0 74.6

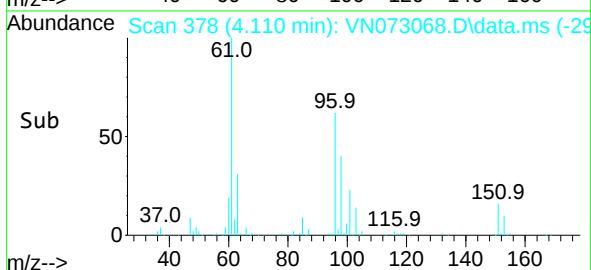
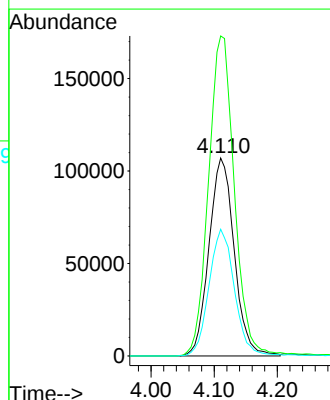
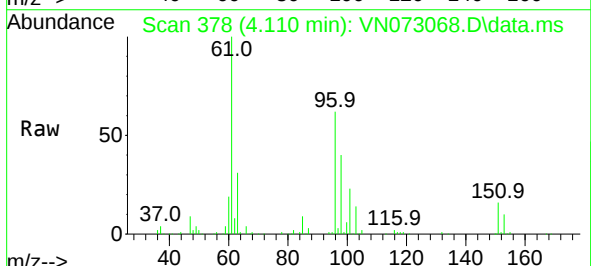
Manual Integrations
APPROVED

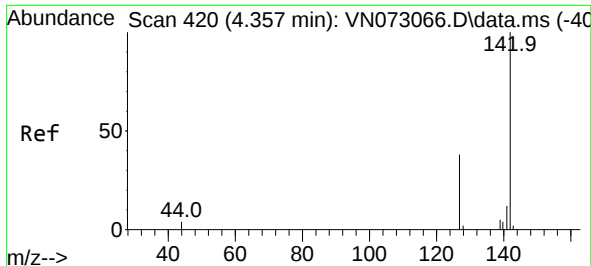
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#10
1,1-Dichloroethene
Concen: 103.061 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.012 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

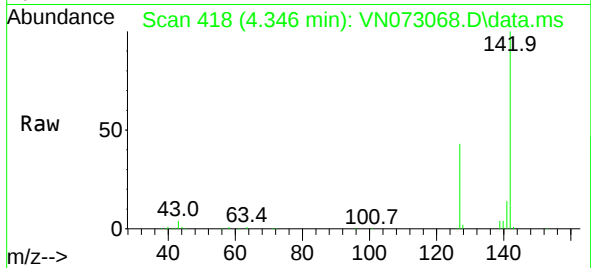
Tgt Ion: 96 Resp: 298264
Ion Ratio Lower Upper
96 100
61 161.4 126.2 189.4
98 63.9 50.9 76.3





#11
Methyl Iodide
Concen: 118.454 ug/l
RT: 4.346 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

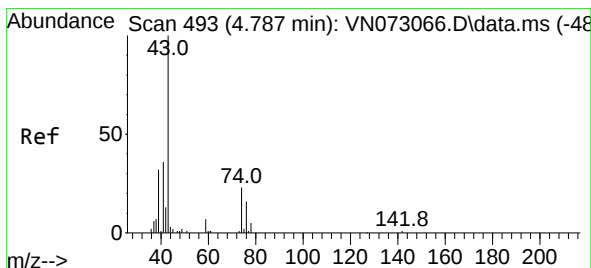
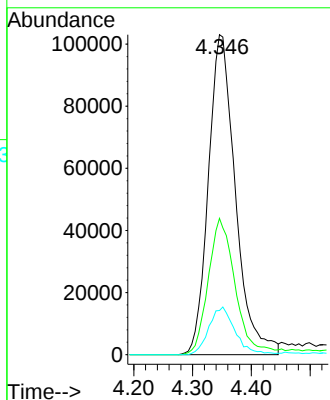
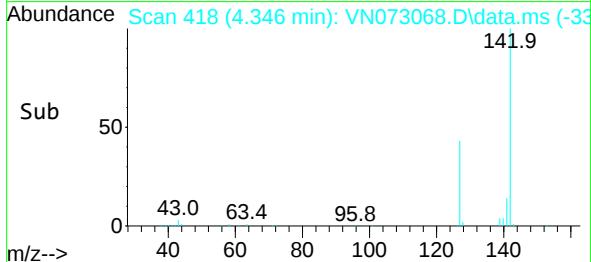
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:142 Resp: 329438
Ion Ratio Lower Upper
142 100
127 42.6 24.0 72.0
141 13.8 8.4 25.2

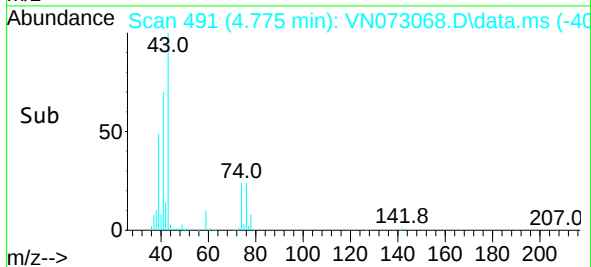
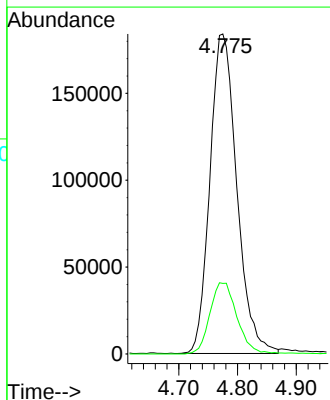
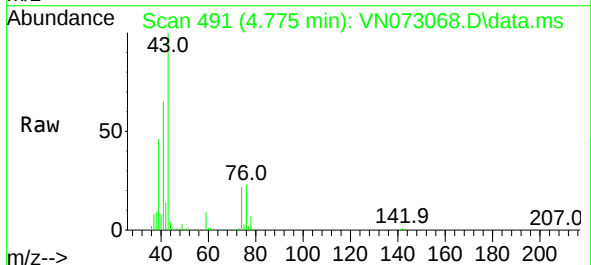
Manual Integrations
APPROVED

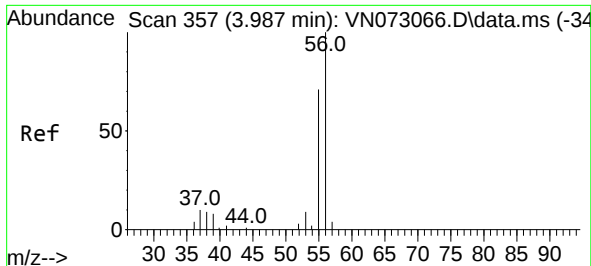
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#12
Methyl Acetate
Concen: 97.853 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.012 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

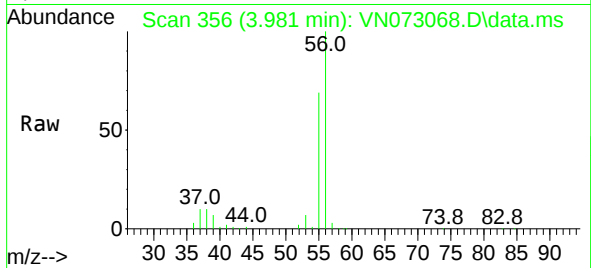
Tgt Ion: 43 Resp: 584813
Ion Ratio Lower Upper
43 100
74 22.1 20.8 31.2





#13
Acrolein
Concen: 572.936 ug/l
RT: 3.981 min Scan# 314678
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

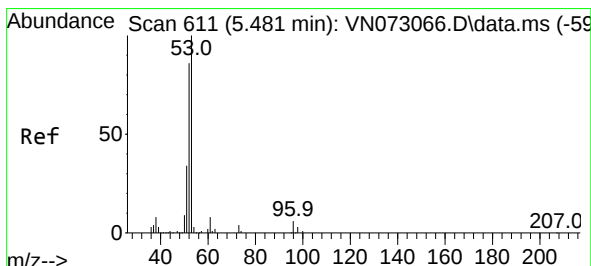
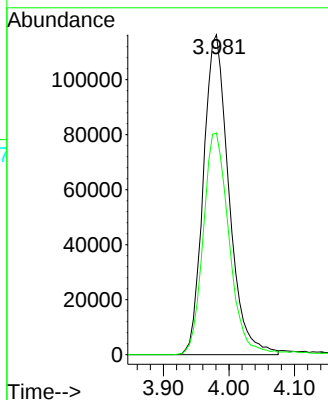
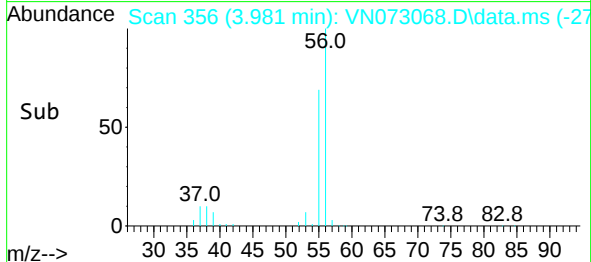
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



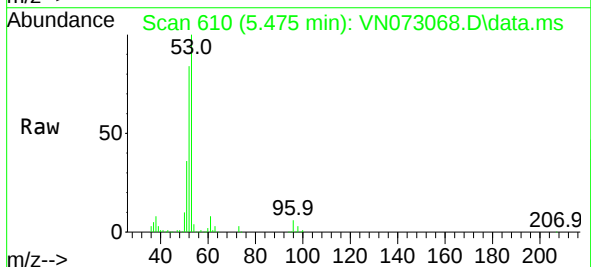
Tgt Ion: 56 Resp: 314678
Ion Ratio Lower Upper
56 100
55 70.2 57.6 86.4

Manual Integrations
APPROVED

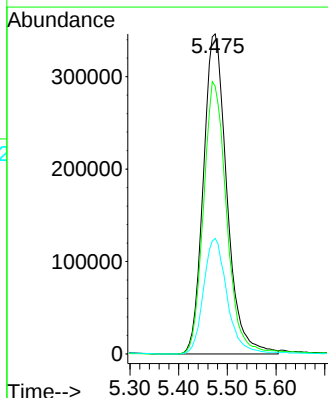
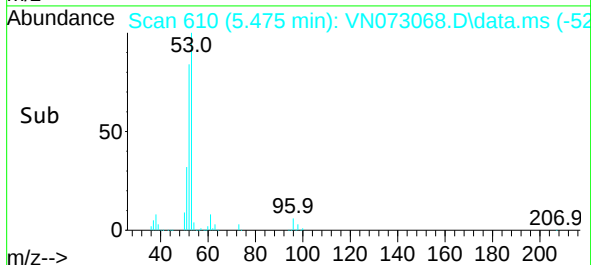
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

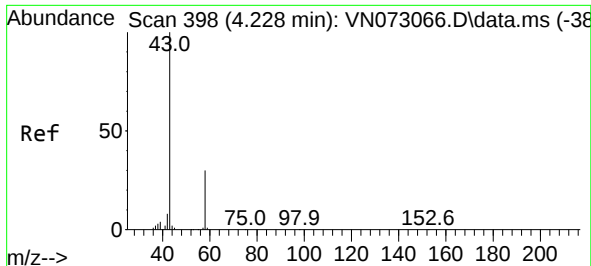


#14
Acrylonitrile
Concen: 486.557 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



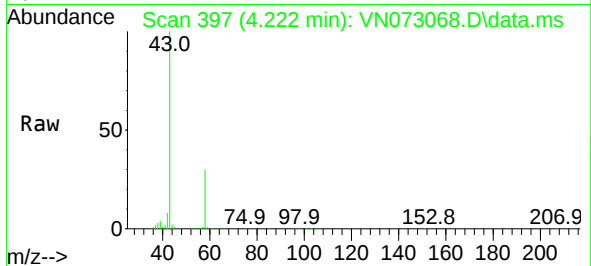
Tgt Ion: 53 Resp: 1162829
Ion Ratio Lower Upper
53 100
52 82.8 41.8 125.4
51 36.1 19.0 57.0





#15
Acetone
Concen: 488.891 ug/l
RT: 4.222 min Scan# 398
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

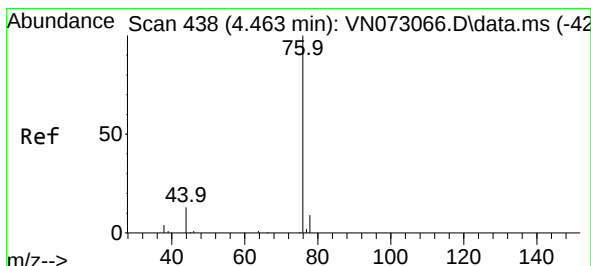
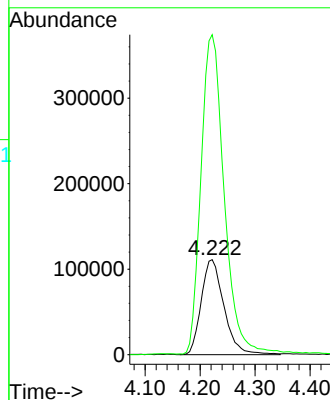
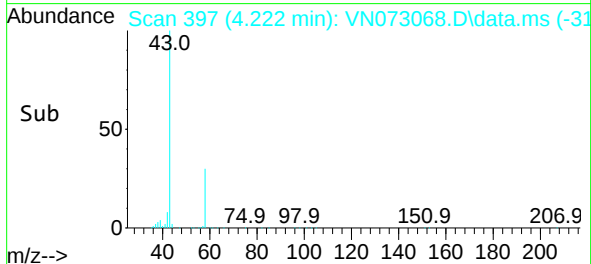
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC100



Tgt Ion: 58 Resp: 319902
Ion Ratio Lower Upper
58 100
43 335.5 256.6 384.8

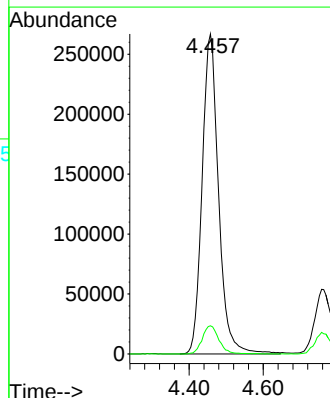
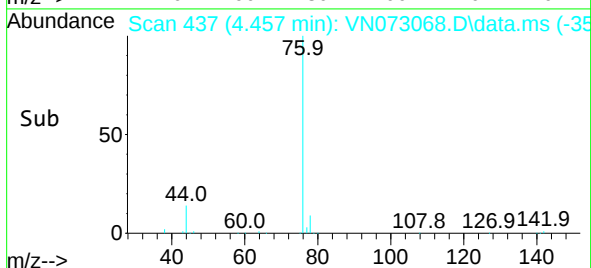
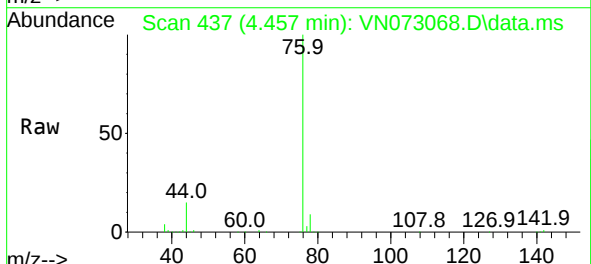
Manual Integrations
APPROVED

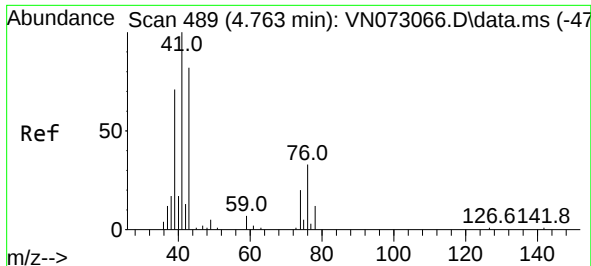
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#16
Carbon Disulfide
Concen: 111.519 ug/l
RT: 4.457 min Scan# 437
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

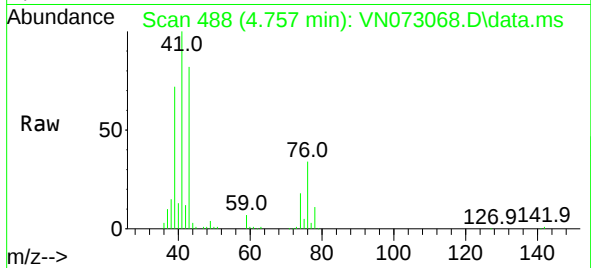
Tgt Ion: 76 Resp: 820540
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8





#17
 Allyl chloride
 Concen: 94.229 ug/l
 RT: 4.757 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN073068.D
 Acq: 24 Jun 2022 01:10

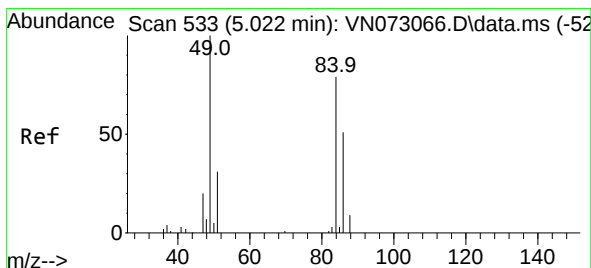
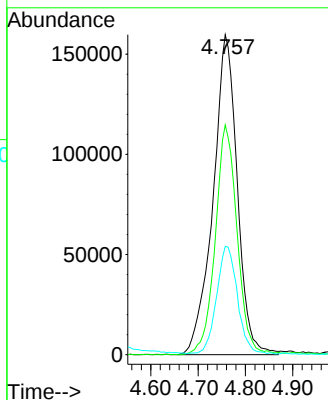
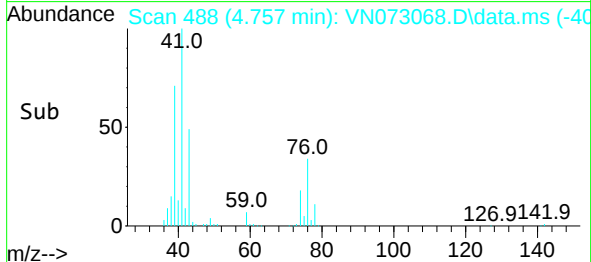
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 41 Resp: 56825
 Ion Ratio Lower Upper
 41 100
 39 71.8 44.6 134.0
 76 33.5 19.6 58.7

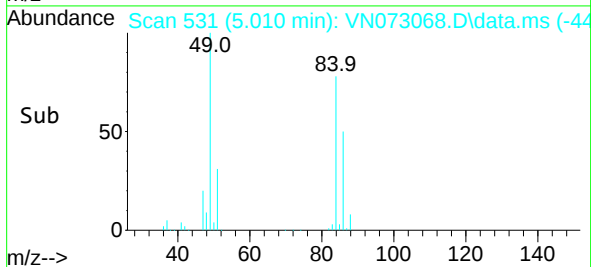
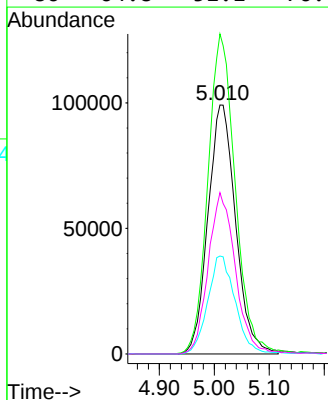
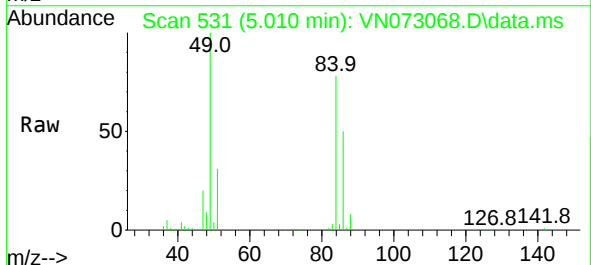
Manual Integrations
 APPROVED

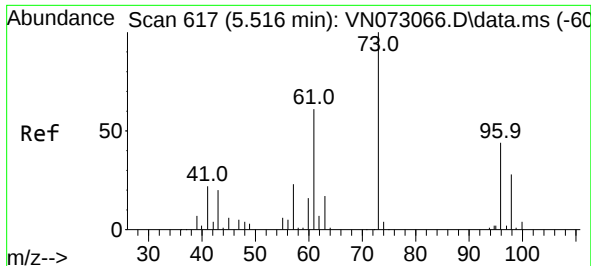
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#18
 Methylene Chloride
 Concen: 97.273 ug/l
 RT: 5.010 min Scan# 531
 Delta R.T. -0.012 min
 Lab File: VN073068.D
 Acq: 24 Jun 2022 01:10

Tgt Ion: 84 Resp: 346758
 Ion Ratio Lower Upper
 84 100
 49 128.3 91.4 137.0
 51 39.4 29.4 44.0
 86 64.8 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 100.412 ug/l

RT: 5.516 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN073068.D

Acq: 24 Jun 2022 01:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 30963

Ion Ratio Lower Upper

96 100

61 138.5 102.8 154.2

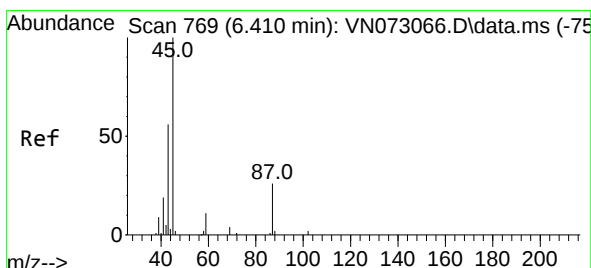
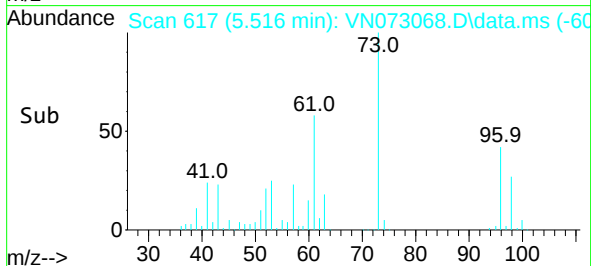
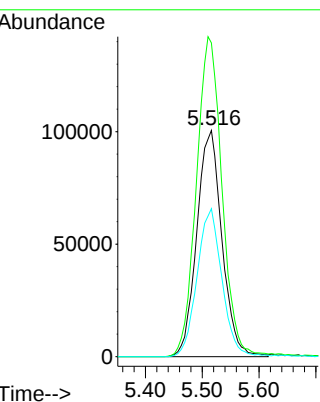
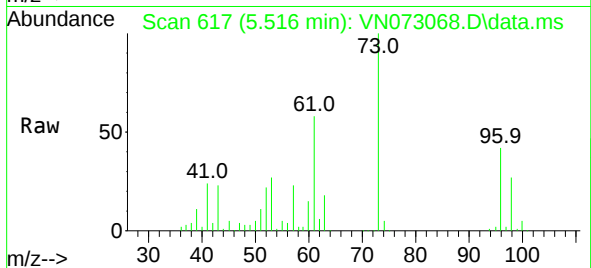
98 65.4 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#20

Diisopropyl ether

Concen: 98.437 ug/l

RT: 6.416 min Scan# 770

Delta R.T. 0.006 min

Lab File: VN073068.D

Acq: 24 Jun 2022 01:10

Tgt Ion: 45 Resp: 1186459

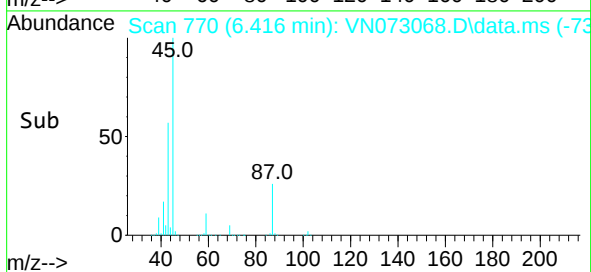
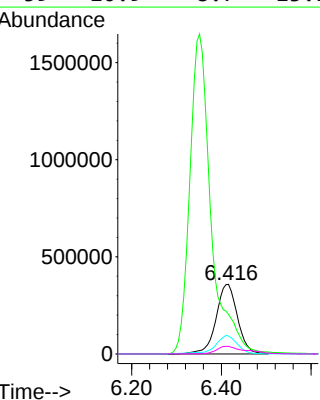
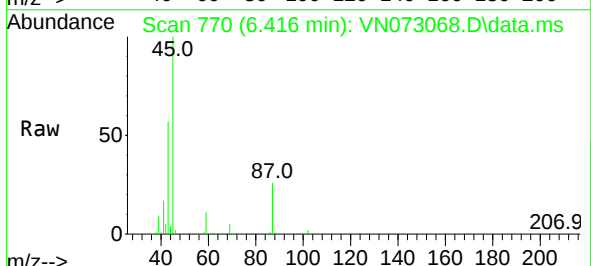
Ion Ratio Lower Upper

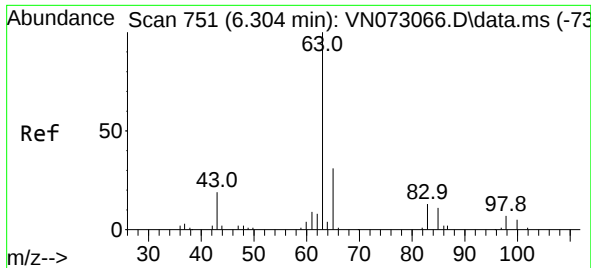
45 100

43 56.6 51.0 76.4

87 25.5 25.0 37.4

59 10.9 8.7 13.1





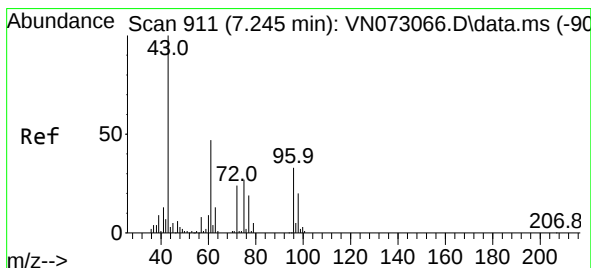
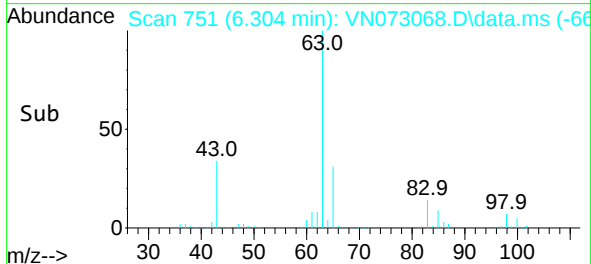
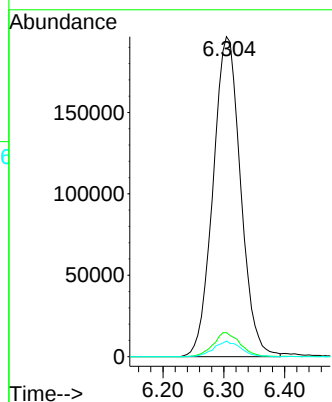
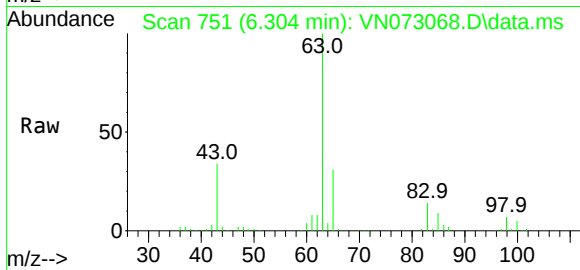
#21
1,1-Dichloroethane
Concen: 92.657 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 618174
Ion Ratio Lower Upper
63 100
98 7.5 3.2 9.6
100 4.9 2.1 6.2

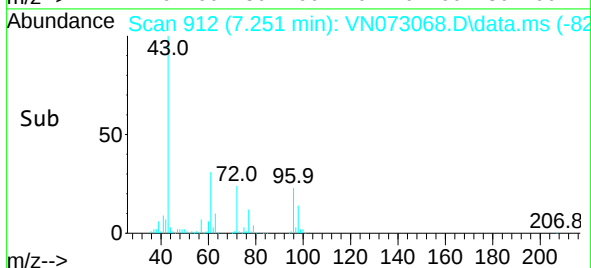
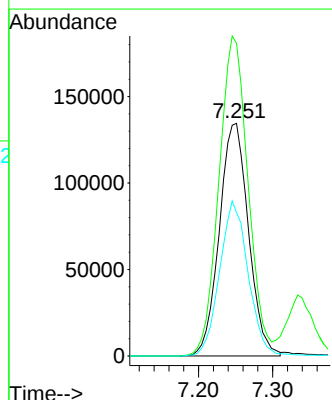
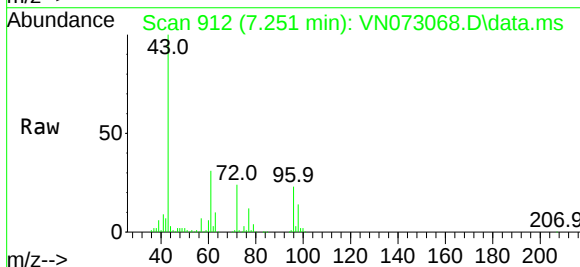
Manual Integrations
APPROVED

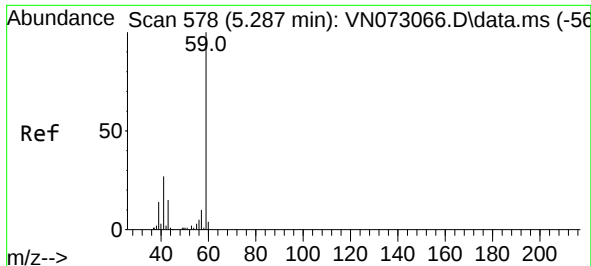
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#22
cis-1,2-Dichloroethene
Concen: 96.144 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

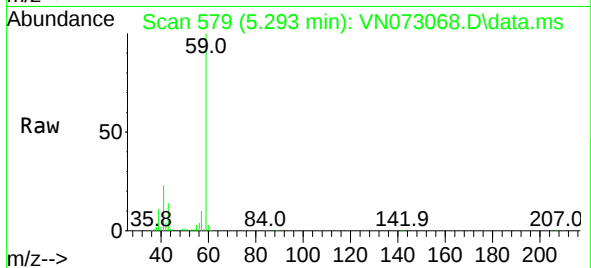
Tgt Ion: 96 Resp: 367497
Ion Ratio Lower Upper
96 100
61 137.0 115.7 173.5
98 65.2 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 436.576 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

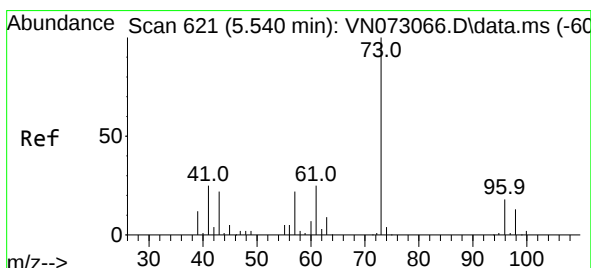
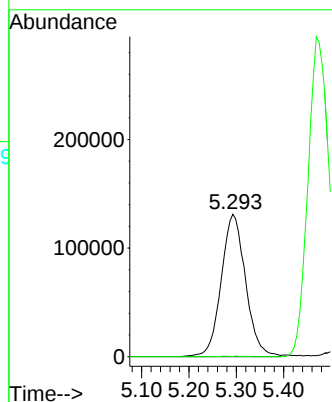
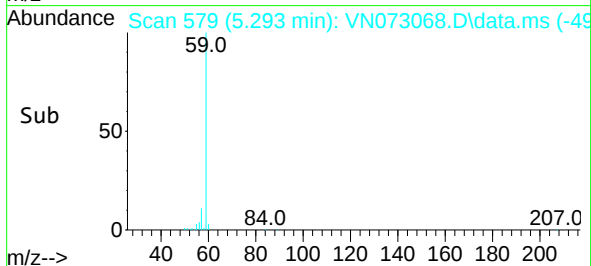
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



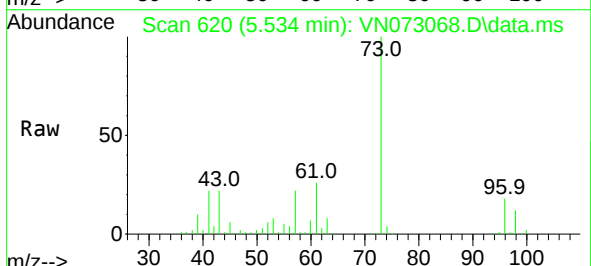
Tgt Ion: 59 Resp: 46797
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

Manual Integrations
APPROVED

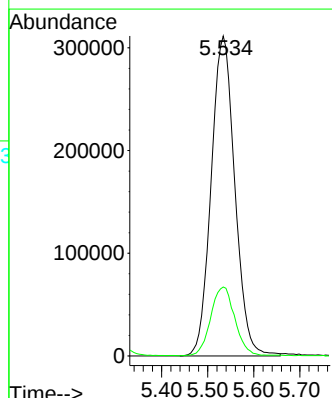
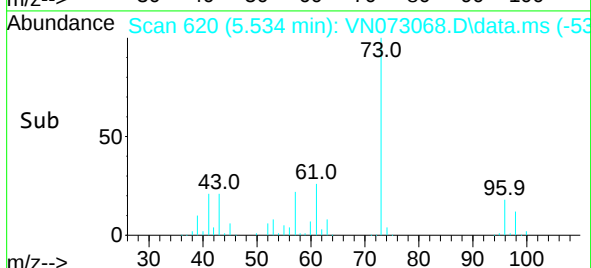
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

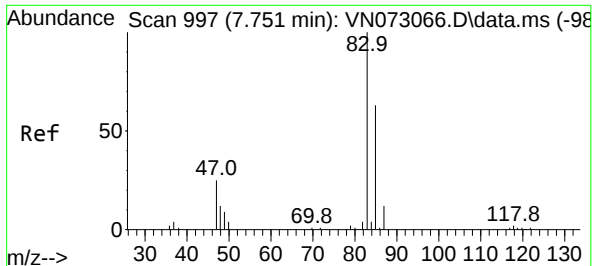


#24
Methyl tert-Butyl Ether
Concen: 89.954 ug/l
RT: 5.534 min Scan# 620
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



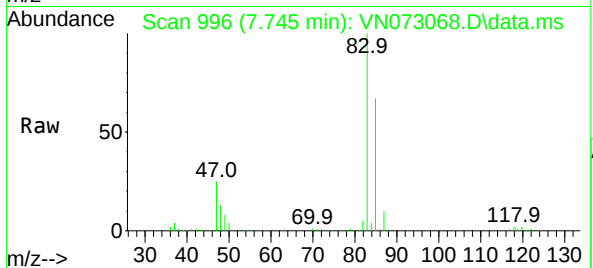
Tgt Ion: 73 Resp: 1111127
Ion Ratio Lower Upper
73 100
43 21.9 18.1 27.1





#25
Chloroform
Concen: 91.024 ug/l
RT: 7.745 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

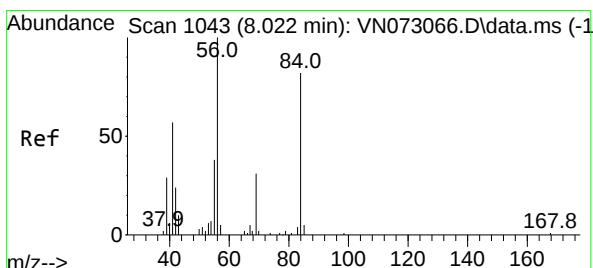
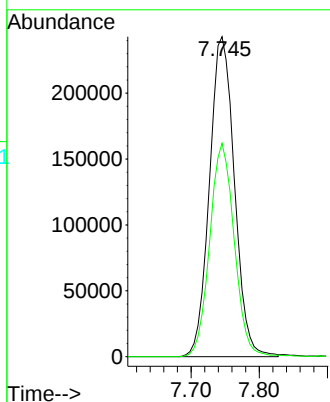
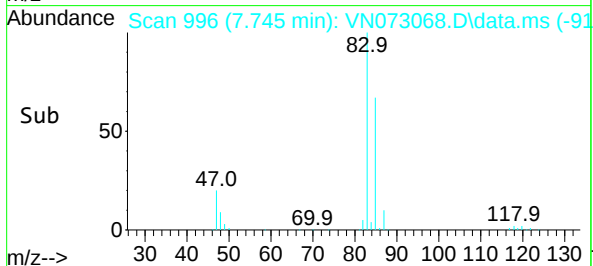
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 619188
Ion Ratio Lower Upper
83 100
85 66.7 51.3 76.9

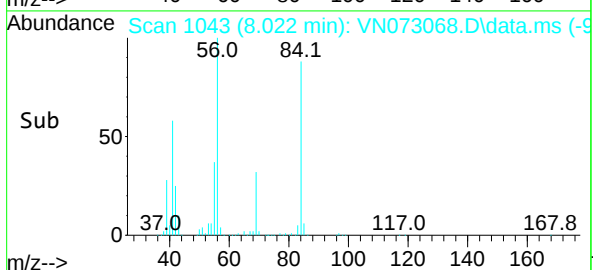
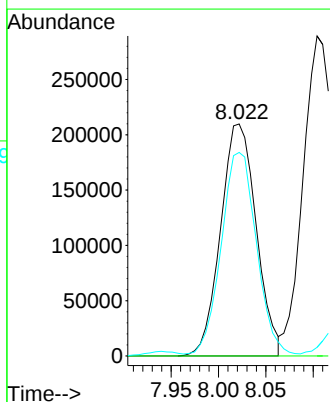
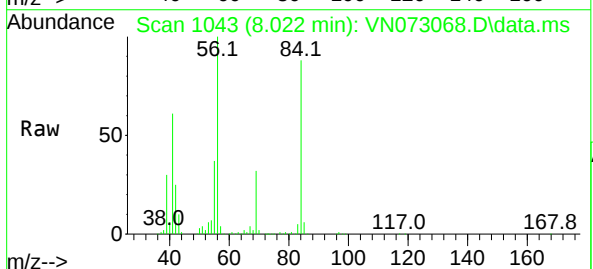
Manual Integrations
APPROVED

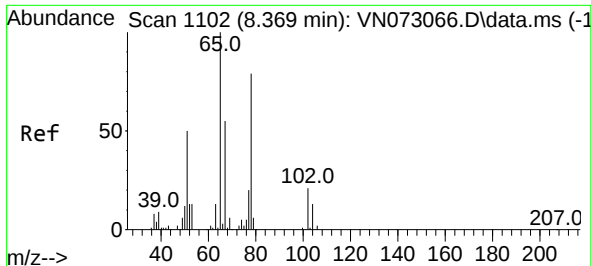
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#26
Cyclohexane
Concen: 97.918 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

Tgt Ion: 56 Resp: 549220
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 87.1 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 25.162 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073068.D

Acq: 24 Jun 2022 01:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 119890

Ion Ratio Lower Upper

65 100

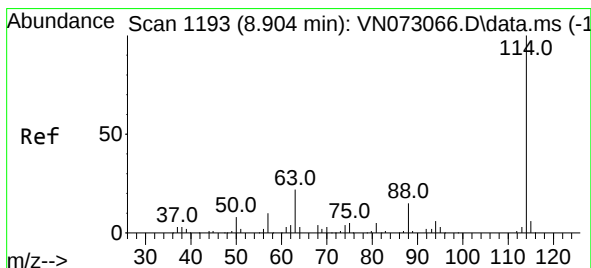
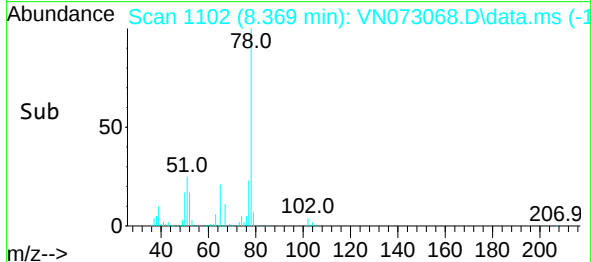
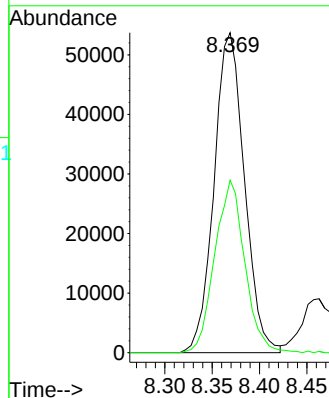
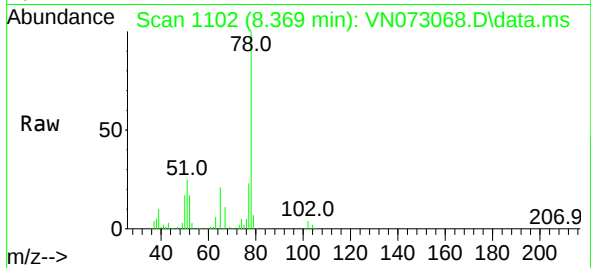
67 53.2 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN073068.D

Acq: 24 Jun 2022 01:10

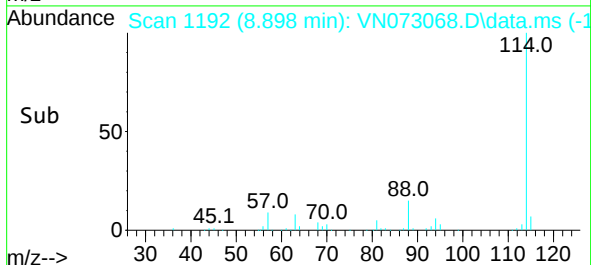
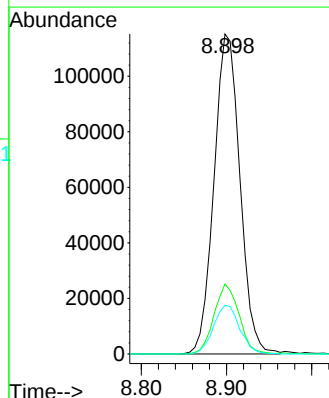
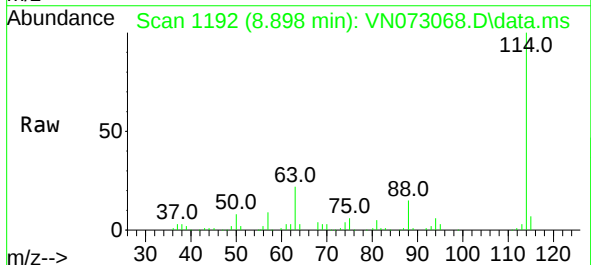
Tgt Ion:114 Resp: 243213

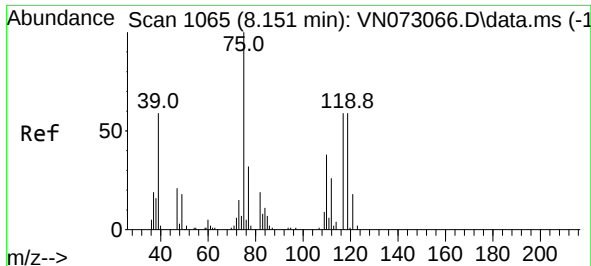
Ion Ratio Lower Upper

114 100

63 21.0 15.8 23.6

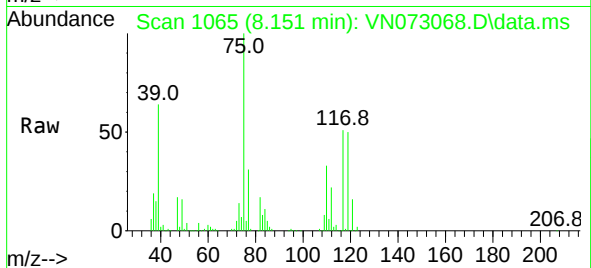
88 15.4 11.6 17.4





#29
1,1-Dichloropropene
Concen: 100.388 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

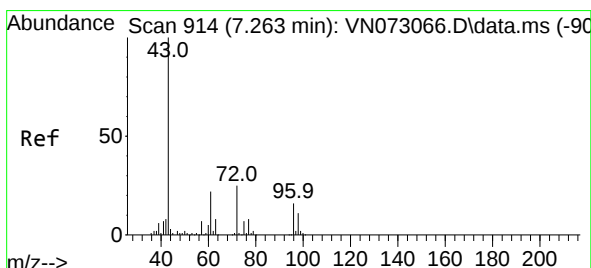
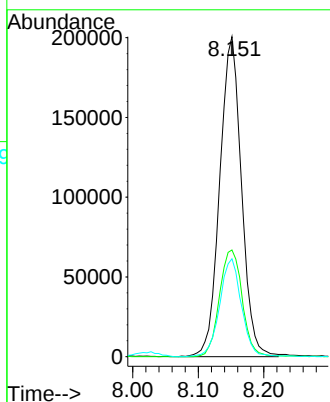
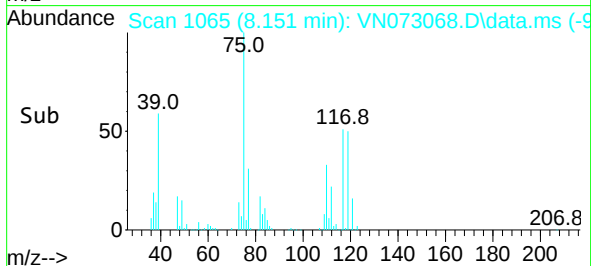
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 46152
Ion Ratio Lower Upper
75 100
110 34.9 0.0 74.2
77 30.8 0.0 63.2

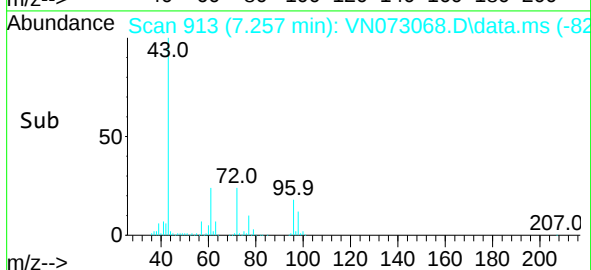
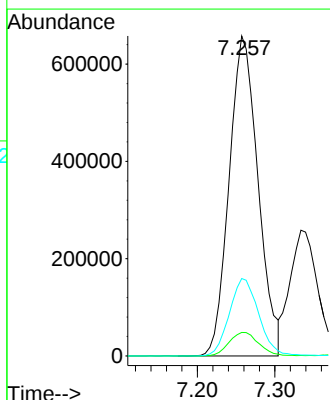
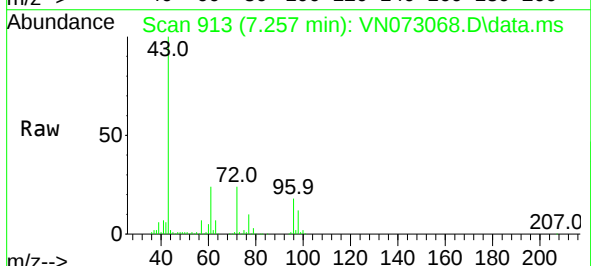
Manual Integrations
APPROVED

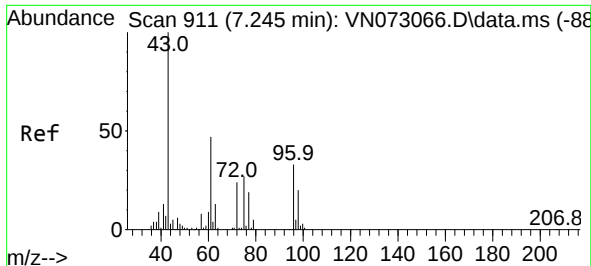
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#30
2-Butanone
Concen: 506.127 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

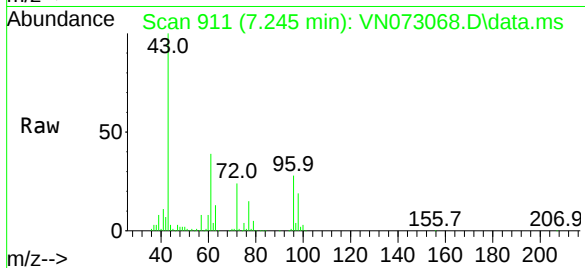
Tgt Ion: 43 Resp: 1710135
Ion Ratio Lower Upper
43 100
57 7.6 6.7 10.1
72 24.7 23.2 34.8





#31
2,2-Dichloropropane
Concen: 37.463 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

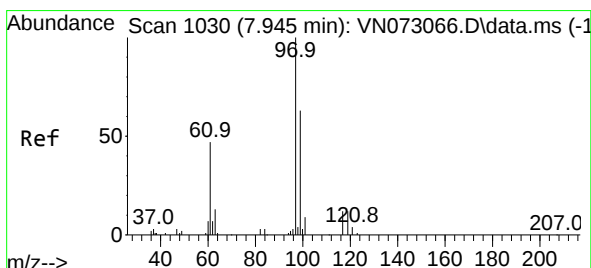
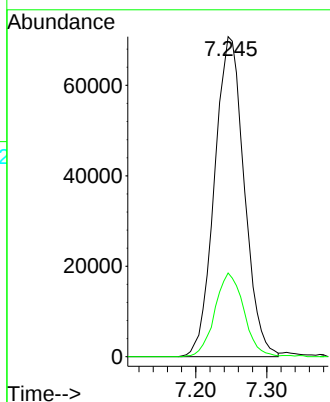
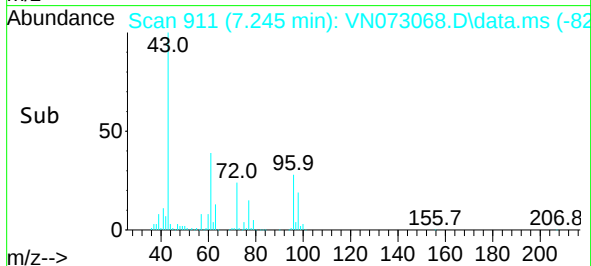
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



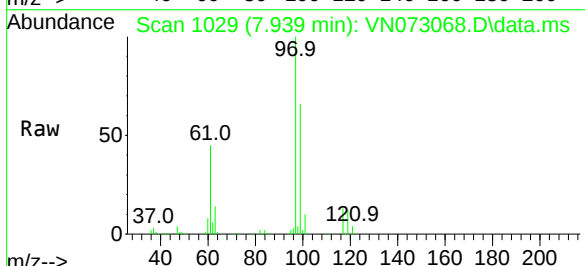
Tgt Ion: 77 Resp: 205624
Ion Ratio Lower Upper
77 100
97 25.4 18.3 27.5

Manual Integrations
APPROVED

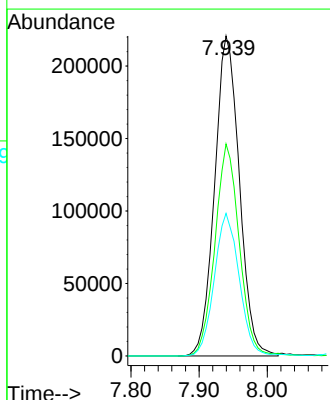
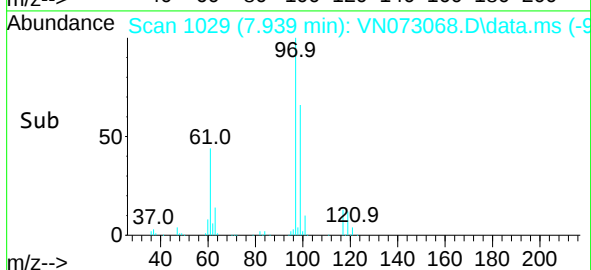
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

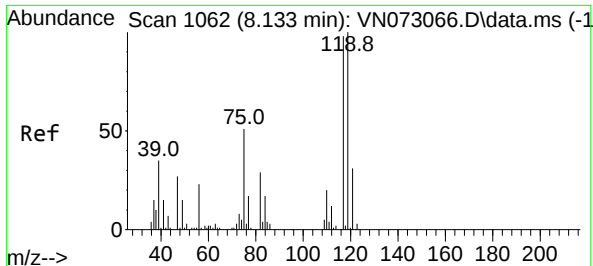


#32
1,1,1-Trichloroethane
Concen: 94.118 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



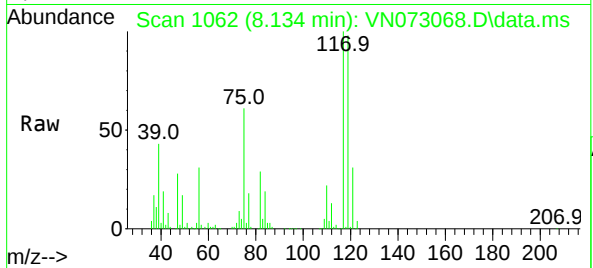
Tgt Ion: 97 Resp: 558089
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 44.6 34.6 51.8





#33
Carbon Tetrachloride
Concen: 94.030 ug/l
RT: 8.134 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

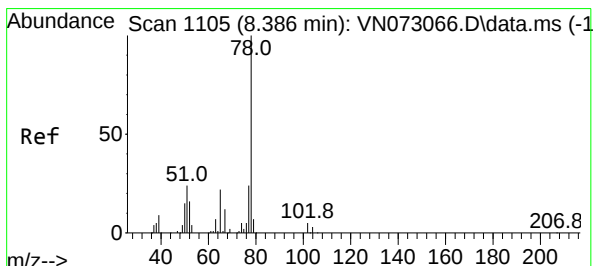
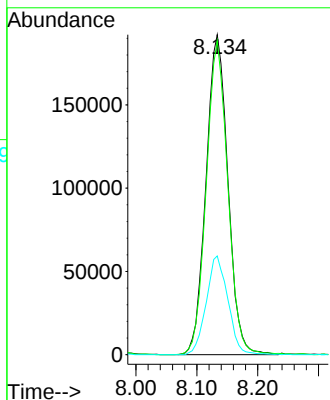
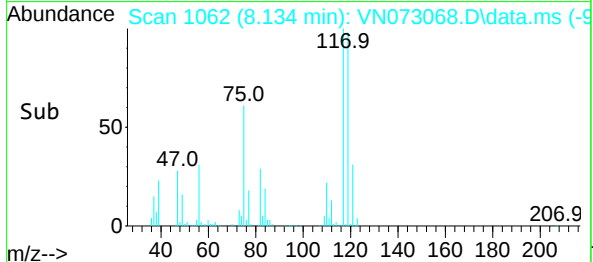
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



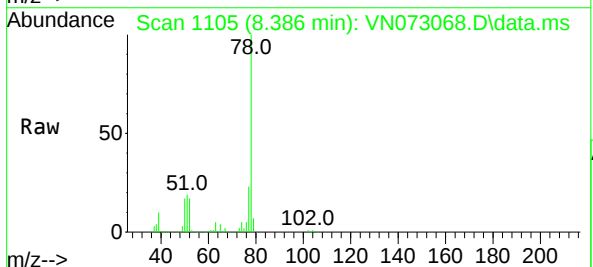
Tgt Ion: 117 Resp: 47982
Ion Ratio Lower Upper
117 100
119 98.0 77.5 116.3
121 30.8 23.5 35.3

Manual Integrations
APPROVED

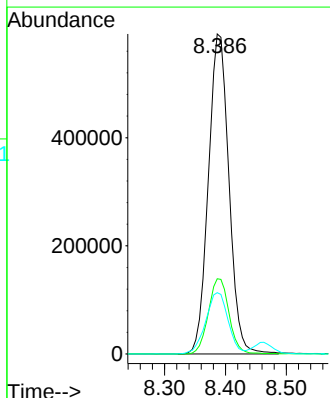
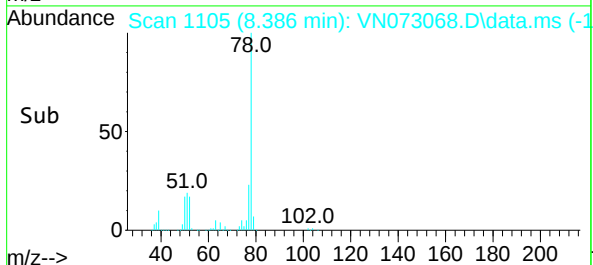
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

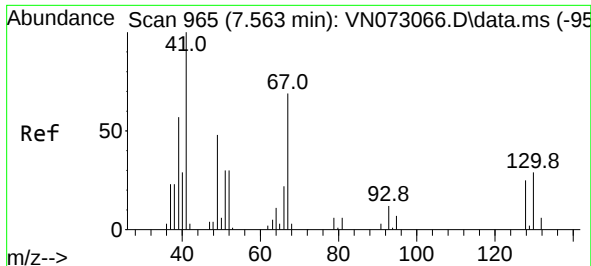


#34
Benzene
Concen: 100.752 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



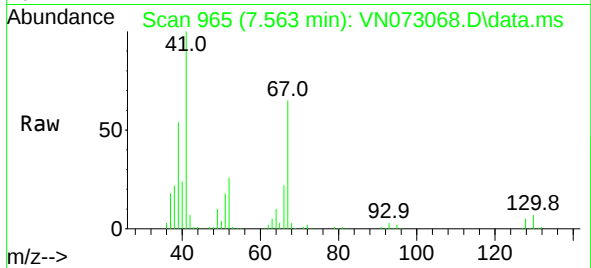
Tgt Ion: 78 Resp: 1390122
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7
51 19.1 16.0 24.0





#35
Methacrylonitrile
Concen: 92.145 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

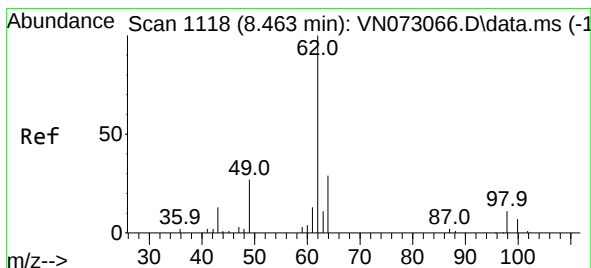
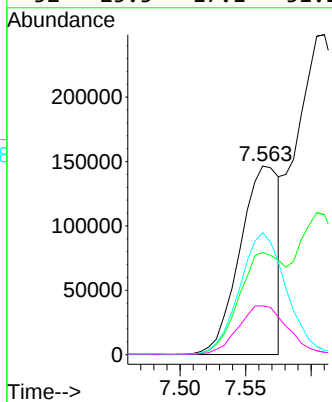
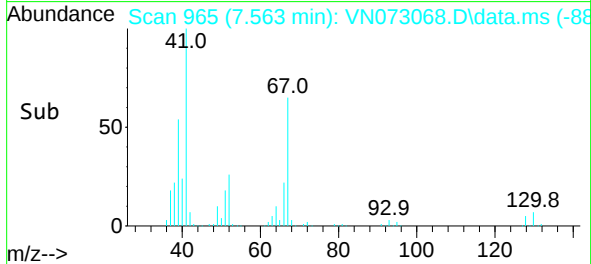
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 30312
Ion Ratio Lower Upper
41 100
39 54.0 28.0 83.9
67 64.6 37.7 113.1
52 25.5 17.1 51.2

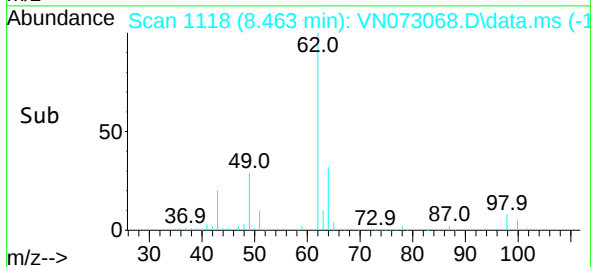
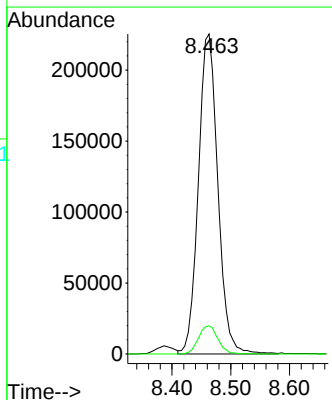
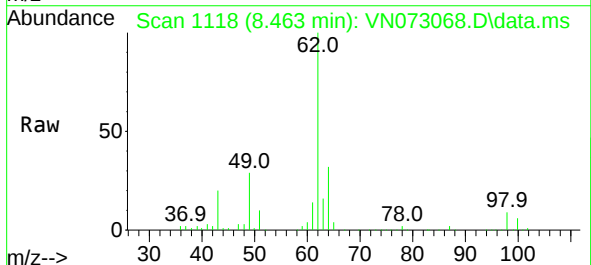
Manual Integrations
APPROVED

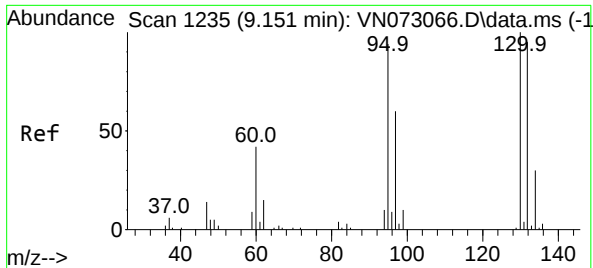
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#36
1,2-Dichloroethane
Concen: 91.858 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

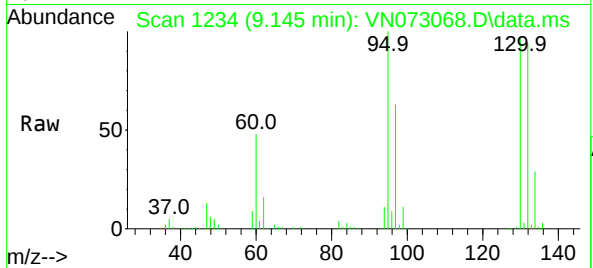
Tgt Ion: 62 Resp: 518848
Ion Ratio Lower Upper
62 100
98 8.8 6.6 10.0





#37
Trichloroethene
Concen: 105.218 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

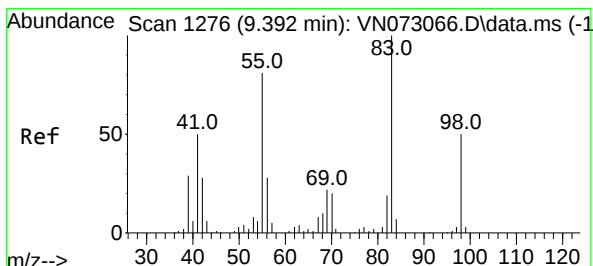
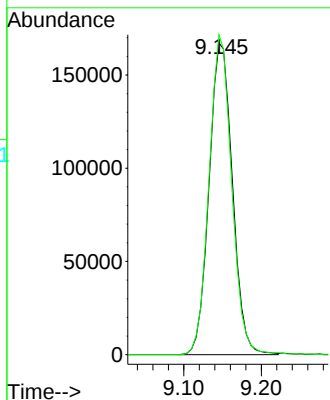
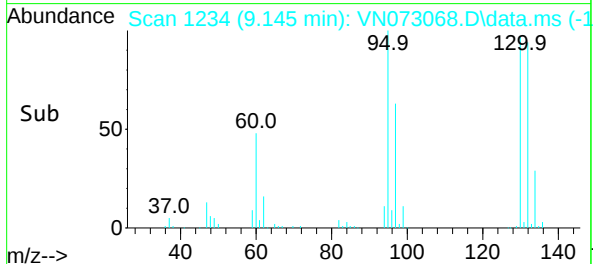
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



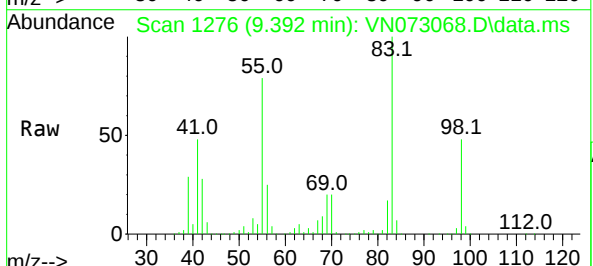
Tgt Ion:130 Resp: 350184
Ion Ratio Lower Upper
130 100
95 102.6 76.6 115.0

Manual Integrations
APPROVED

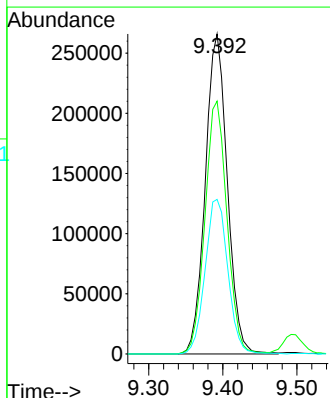
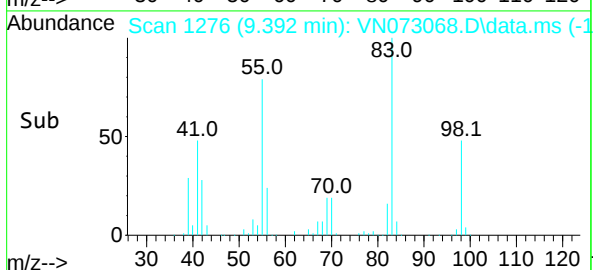
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

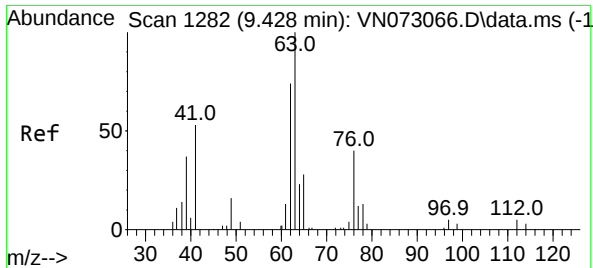


#38
Methylcyclohexane
Concen: 99.762 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



Tgt Ion: 83 Resp: 549274
Ion Ratio Lower Upper
83 100
55 79.0 35.1 105.3
98 50.1 23.4 70.2





#39

1,2-Dichloropropane

Concen: 95.654 ug/l

RT: 9.422 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VN073068.D

Acq: 24 Jun 2022 01:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 357358

Ion Ratio Lower Upper

63 100

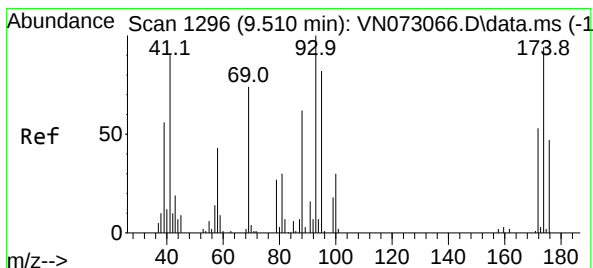
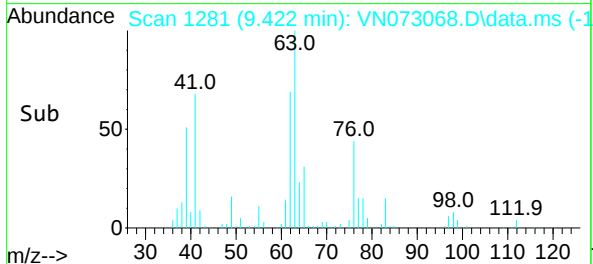
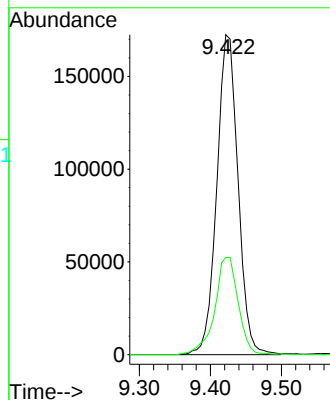
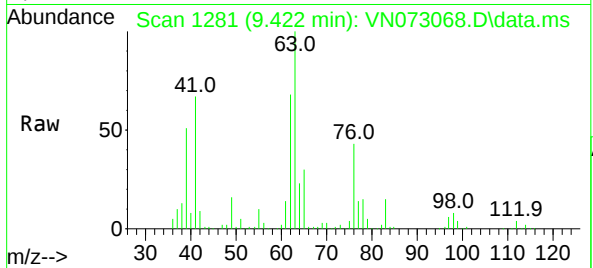
65 30.1 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#40

Dibromomethane

Concen: 94.779 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073068.D

Acq: 24 Jun 2022 01:10

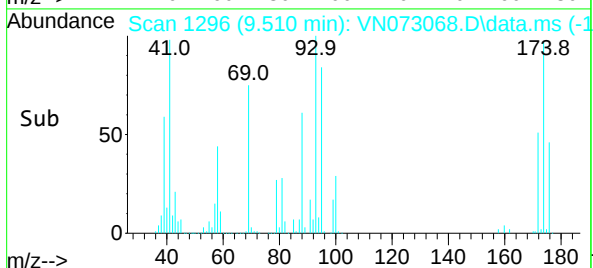
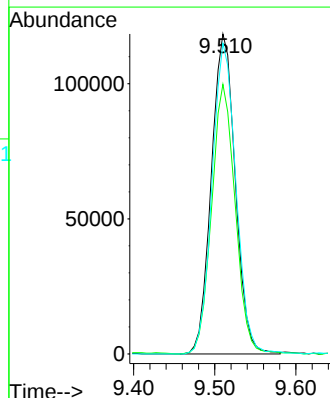
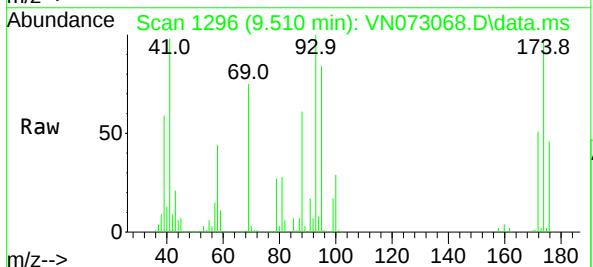
Tgt Ion: 93 Resp: 242893

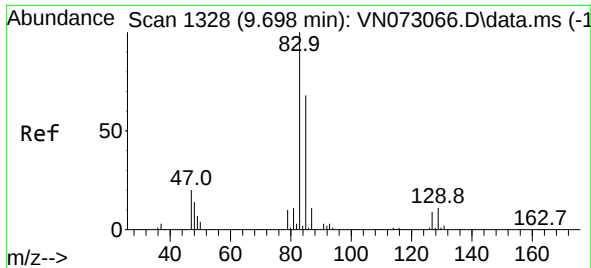
Ion Ratio Lower Upper

93 100

95 82.5 0.0 168.8

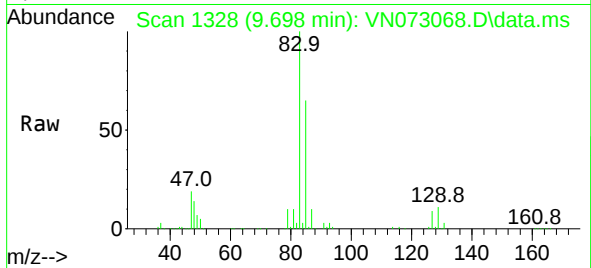
174 96.2 0.0 173.6





#41
Bromodichloromethane
Concen: 92.742 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

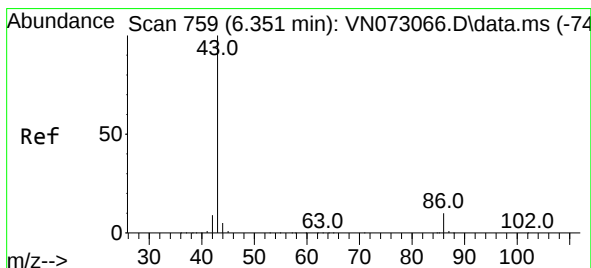
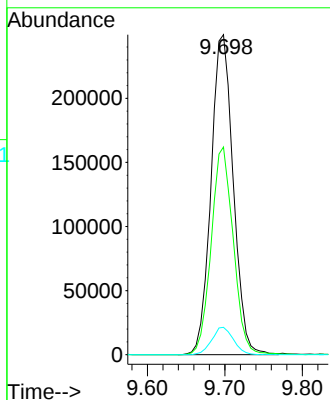
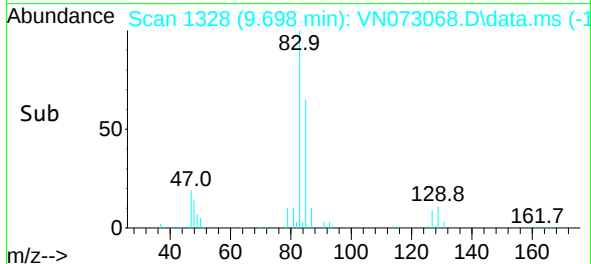
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



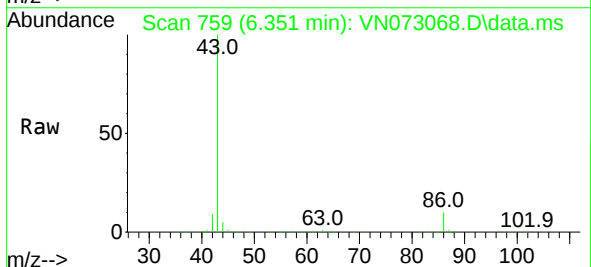
Tgt Ion: 83 Resp: 497789
Ion Ratio Lower Upper
83 100
85 64.9 54.1 81.1
127 8.6 7.6 11.4

Manual Integrations
APPROVED

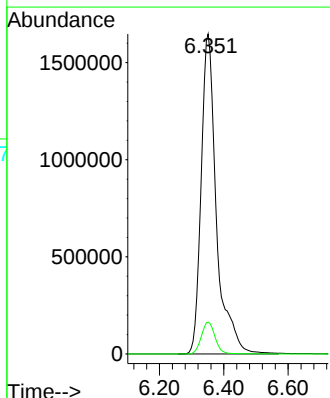
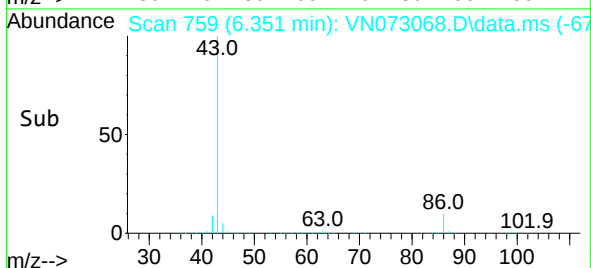
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

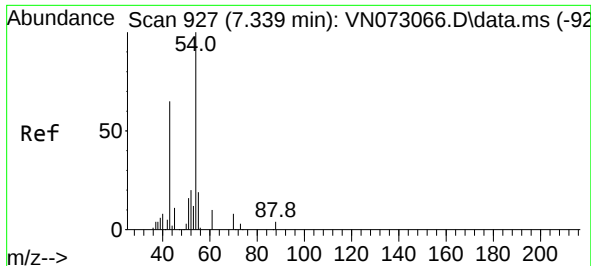


#42
Vinyl Acetate
Concen: 501.766 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



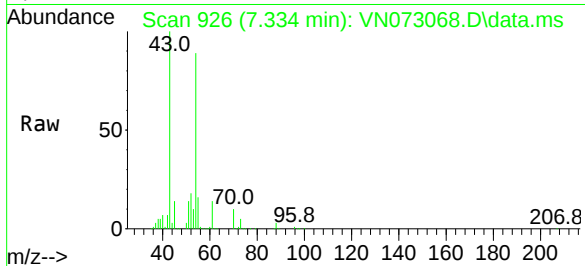
Tgt Ion: 43 Resp: 5435705
Ion Ratio Lower Upper
43 100
86 8.9 7.5 11.3





#43
Ethyl Acetate
Concen: 103.144 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

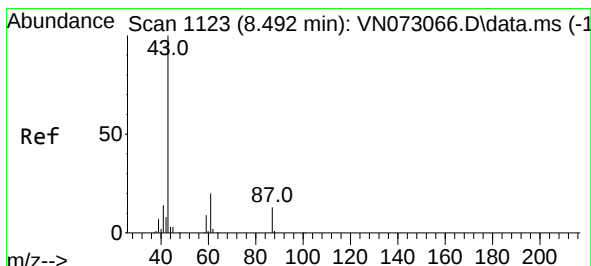
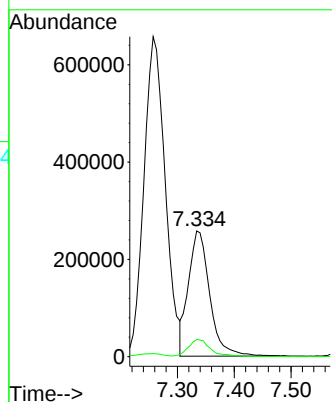
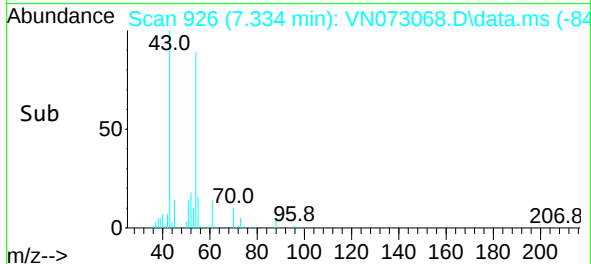
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 670852
Ion Ratio Lower Upper
43 100
45 14.6 10.6 16.0

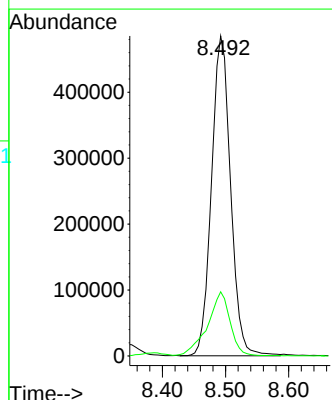
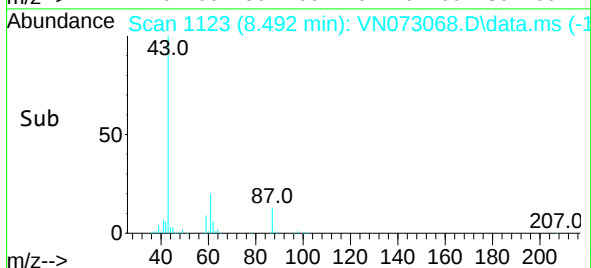
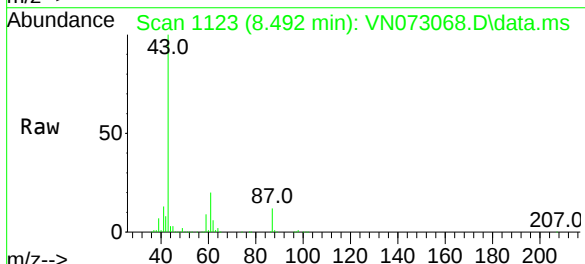
Manual Integrations
APPROVED

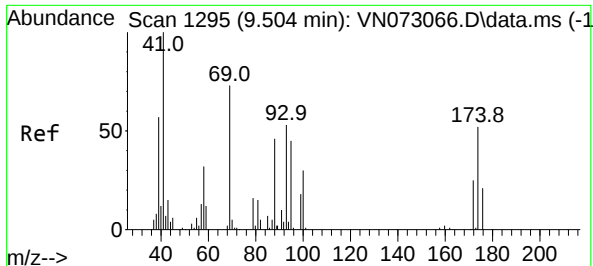
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#44
Isopropyl Acetate
Concen: 97.036 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

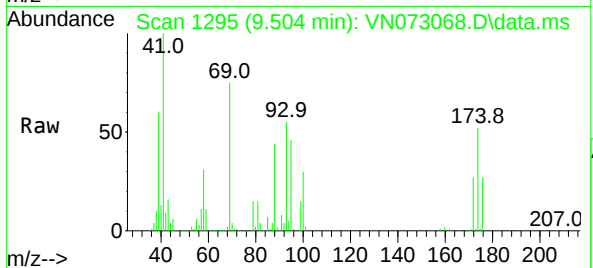
Tgt Ion: 43 Resp: 1017648
Ion Ratio Lower Upper
43 100
61 24.0 20.1 30.1





#45
1,4-Dioxane
Concen: 2001.688 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

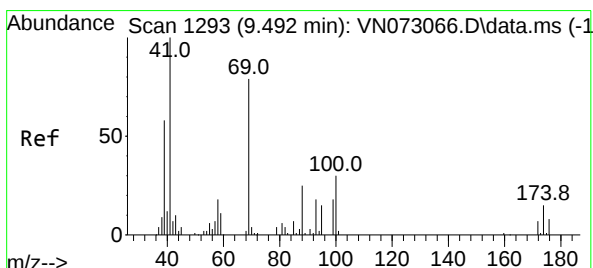
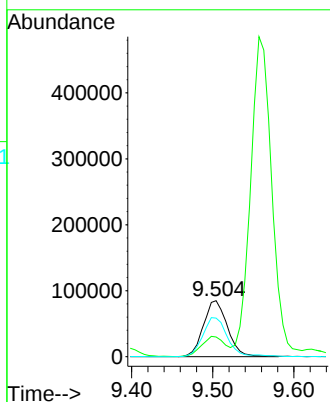
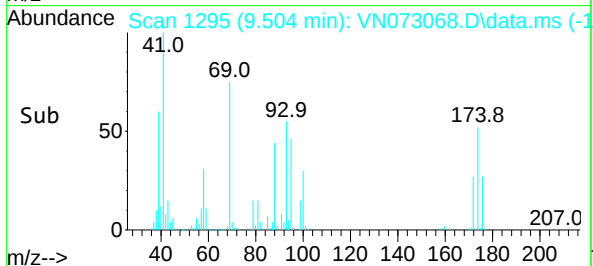
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



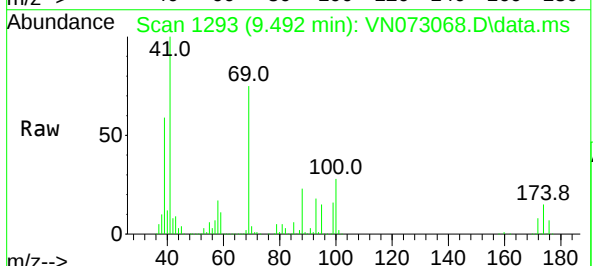
Tgt Ion: 88 Resp: 174614
Ion Ratio Lower Upper
88 100
43 35.0 25.0 37.6
58 69.8 49.4 74.2

Manual Integrations
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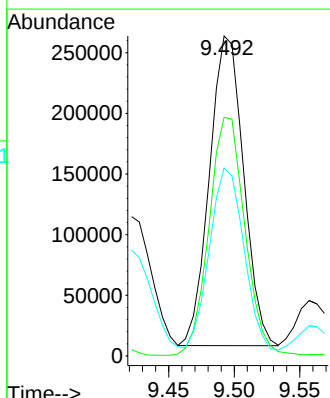
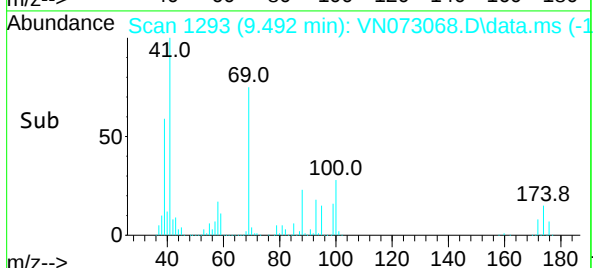
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

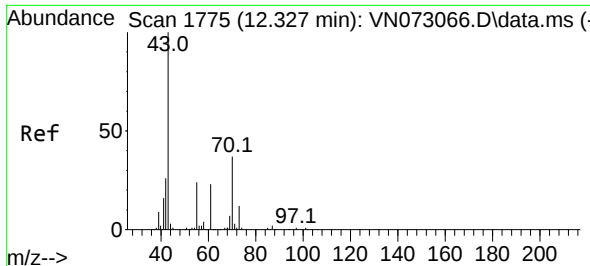


#46
Methyl methacrylate
Concen: 98.102 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



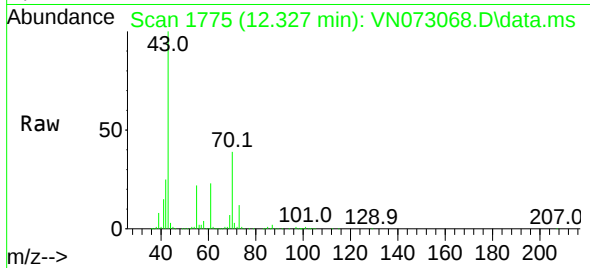
Tgt Ion: 41 Resp: 462273
Ion Ratio Lower Upper
41 100
69 76.5 44.4 133.2
39 58.8 39.9 119.6





#47
n-amy1 Acetate
Concen: 104.451 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

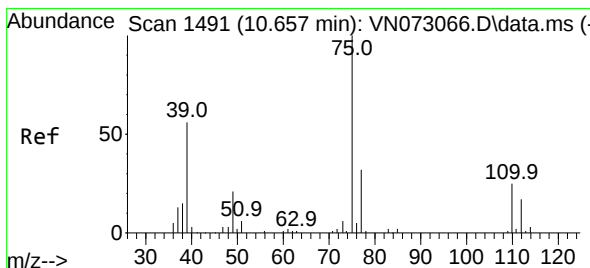
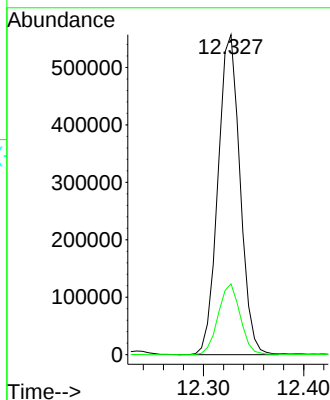
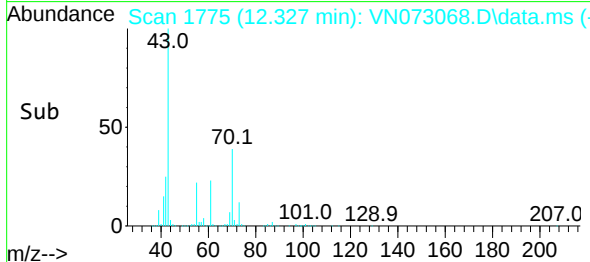
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 852127
Ion Ratio Lower Upper
43 100
55 22.2 19.0 28.6

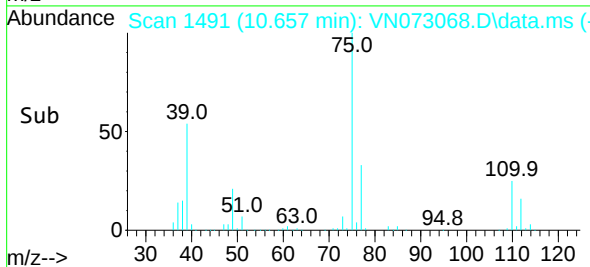
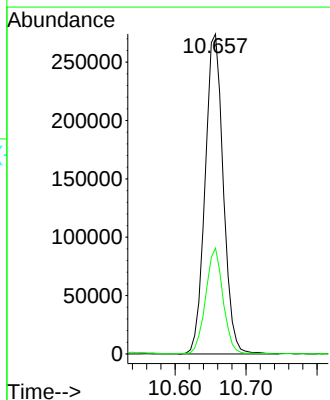
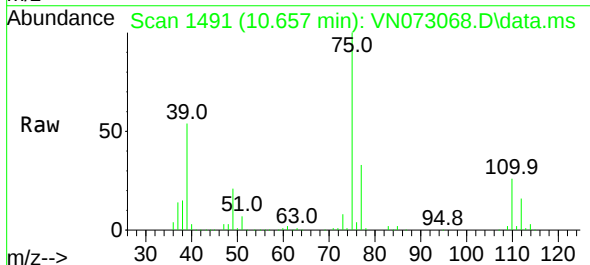
Manual Integrations
APPROVED

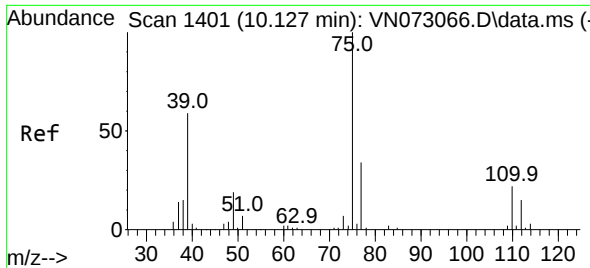
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#48
t-1,3-Dichloropropene
Concen: 81.678 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

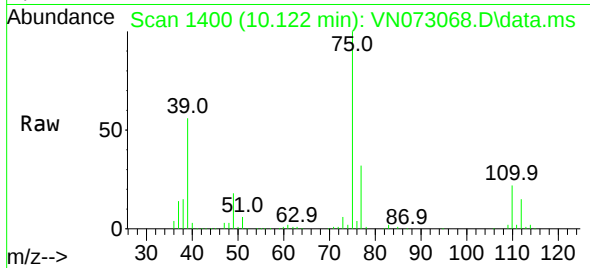
Tgt Ion: 75 Resp: 487200
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 84.349 ug/l
 RT: 10.122 min Scan# 1401
 Delta R.T. -0.006 min
 Lab File: VN073068.D
 Acq: 24 Jun 2022 01:10

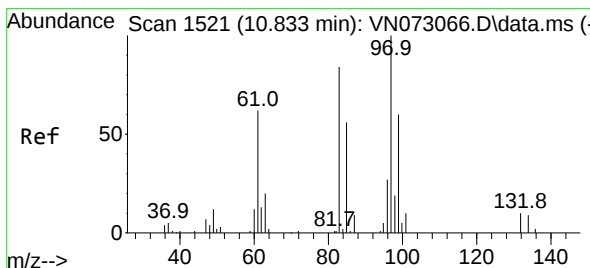
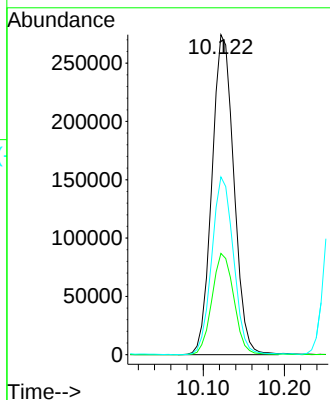
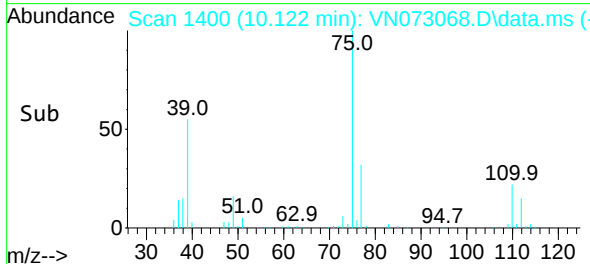
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 516709
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 55.5 46.2 69.4

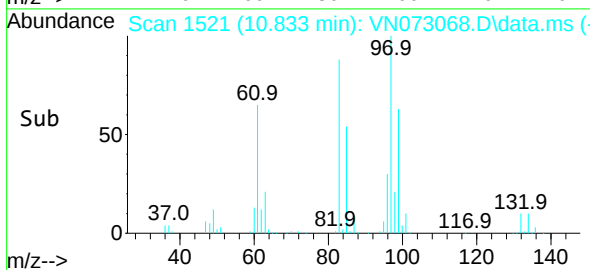
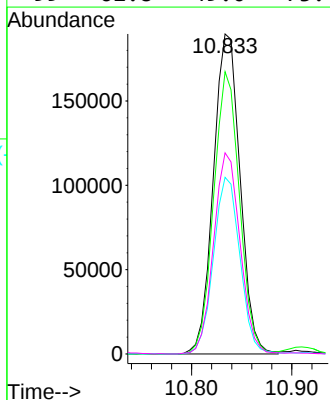
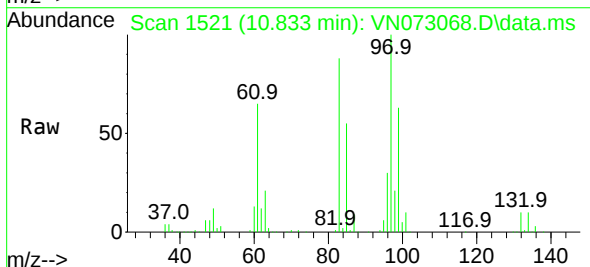
Manual Integrations
 APPROVED

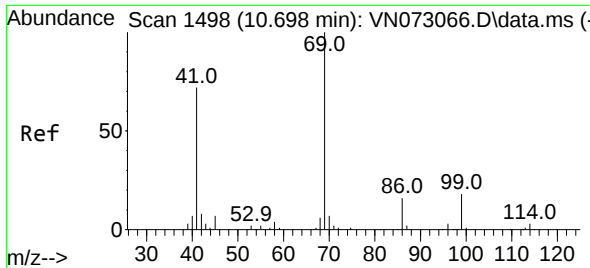
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#50
 1,1,2-Trichloroethane
 Concen: 97.029 ug/l
 RT: 10.833 min Scan# 1521
 Delta R.T. 0.000 min
 Lab File: VN073068.D
 Acq: 24 Jun 2022 01:10

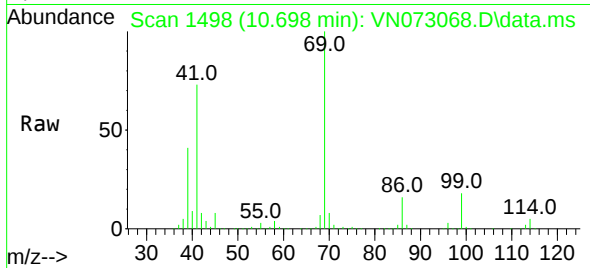
Tgt Ion: 97 Resp: 351213
 Ion Ratio Lower Upper
 97 100
 83 88.2 67.2 100.8
 85 55.2 43.0 64.4
 99 62.8 49.0 73.4





#51
Ethyl methacrylate
Concen: 96.090 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

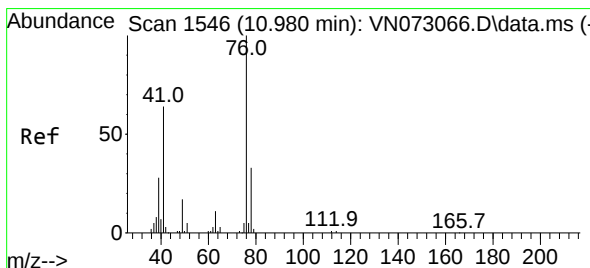
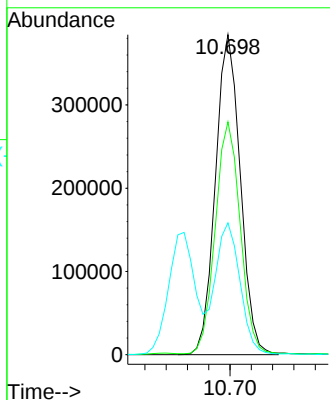
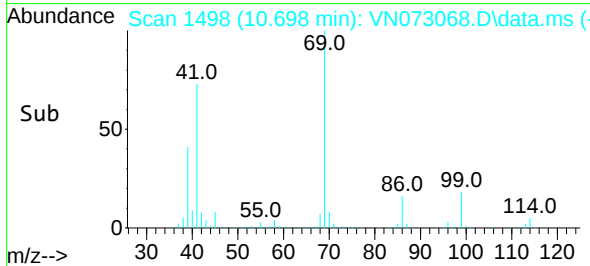
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



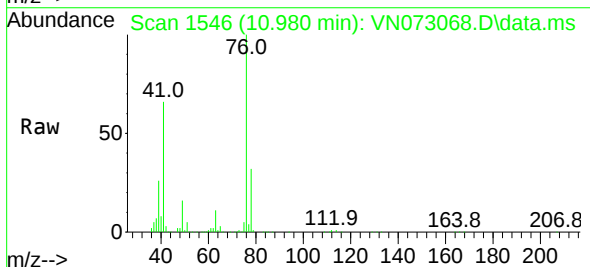
Tgt Ion: 69 Resp: 623539
Ion Ratio Lower Upper
69 100
41 72.5 33.0 98.9
39 41.0 25.4 76.4

Manual Integrations
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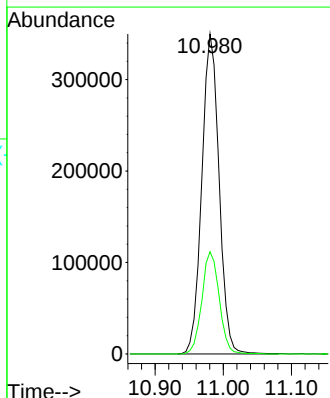
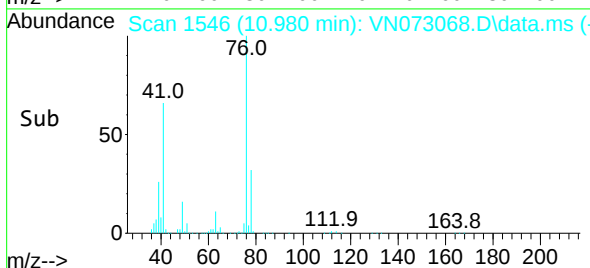
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

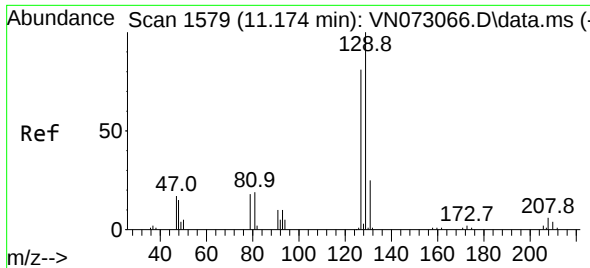


#52
1,3-Dichloropropane
Concen: 96.689 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



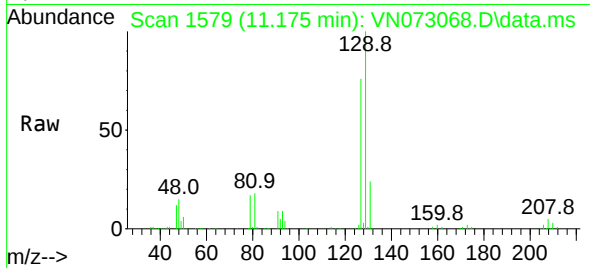
Tgt Ion: 76 Resp: 616229
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.4





#53
Dibromochloromethane
Concen: 97.122 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

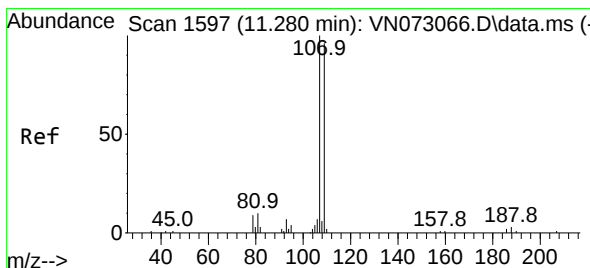
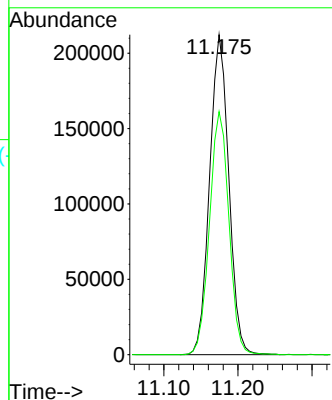
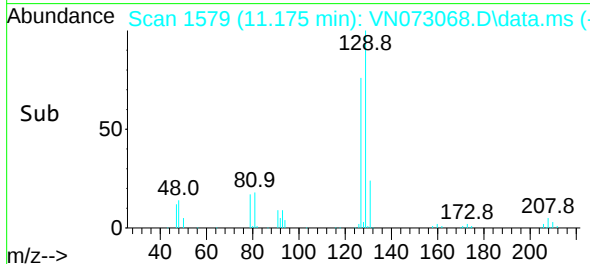
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



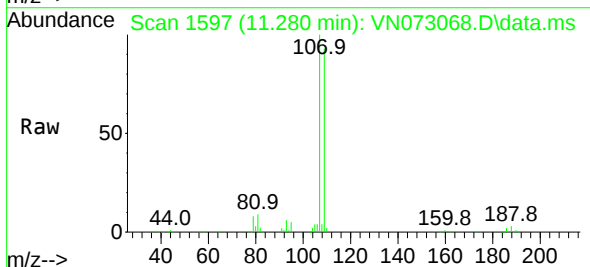
Tgt Ion:129 Resp: 381464
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

Manual Integrations
APPROVED

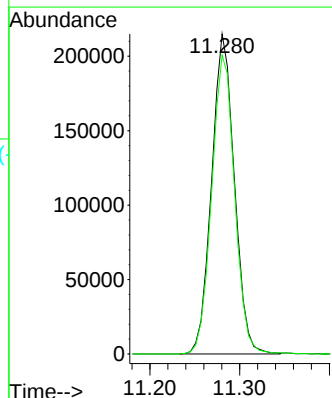
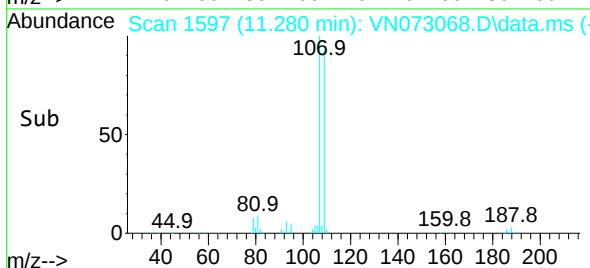
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

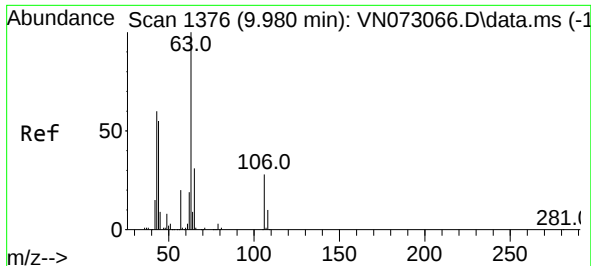


#54
1,2-Dibromoethane
Concen: 99.265 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



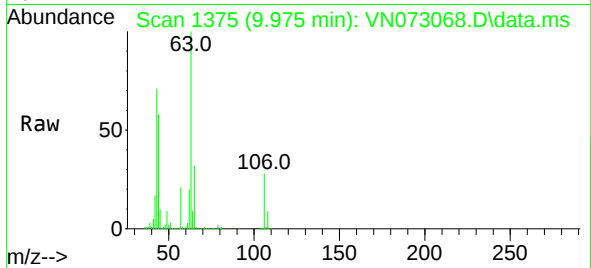
Tgt Ion:107 Resp: 377797
Ion Ratio Lower Upper
107 100
109 94.2 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 506.793 ug/l
RT: 9.975 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

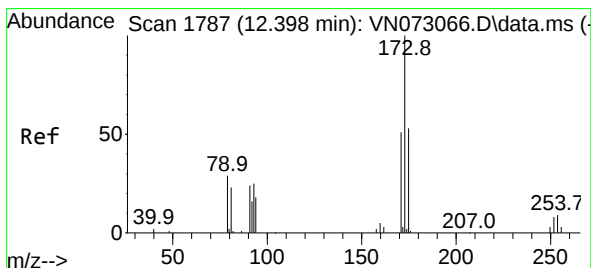
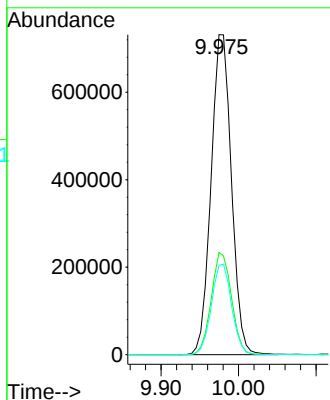
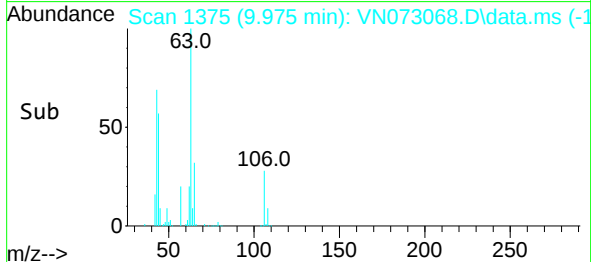
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 1335150
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.0
106 28.2 23.2 34.8

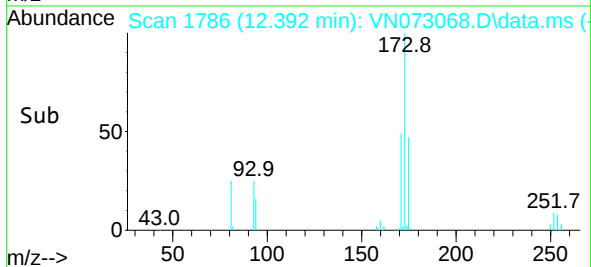
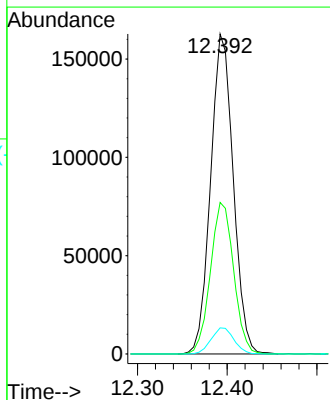
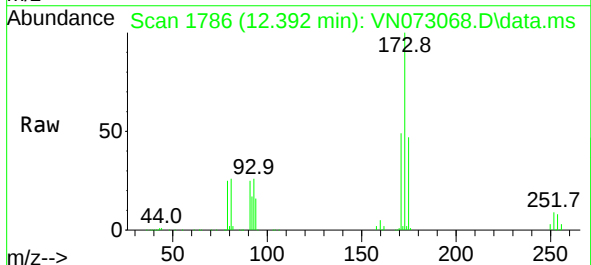
Manual Integrations
APPROVED

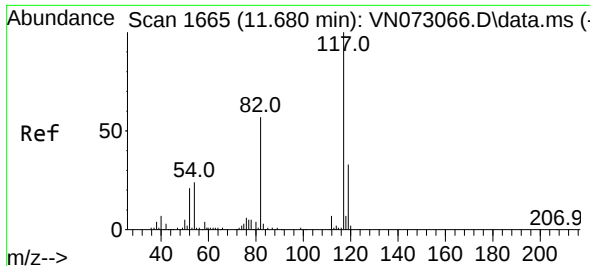
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#56
Bromoform
Concen: 103.224 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

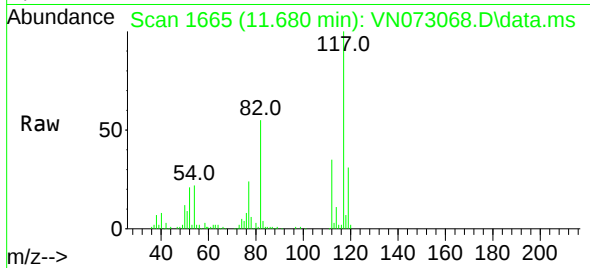
Tgt Ion:173 Resp: 285309
Ion Ratio Lower Upper
173 100
175 48.6 38.6 58.0
254 8.2 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

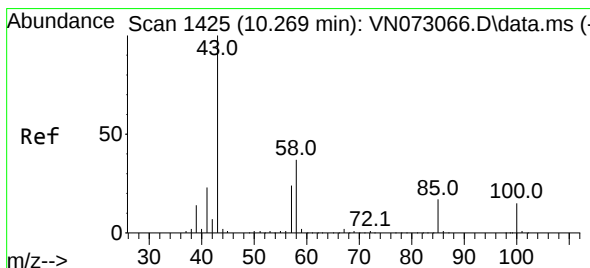
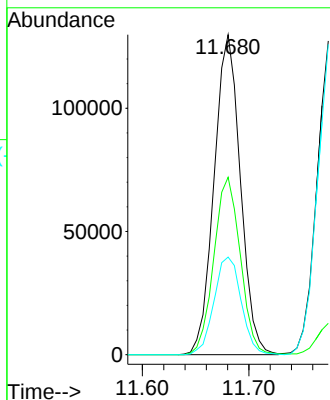
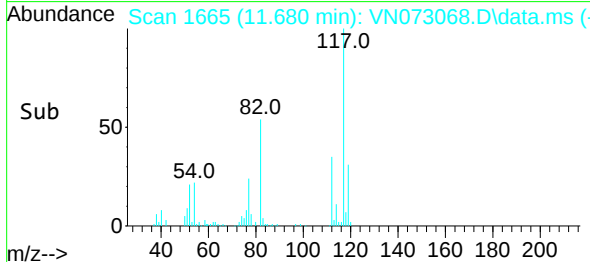
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



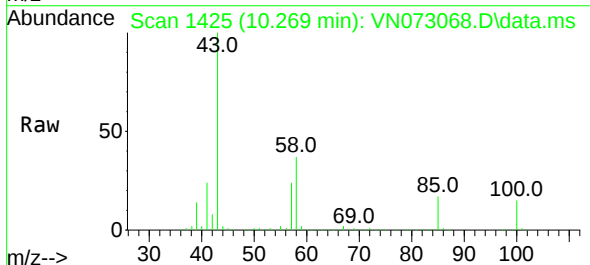
Tgt Ion: 117 Resp: 222361
Ion Ratio Lower Upper
117 100
82 55.9 43.6 65.4
119 31.6 25.8 38.6

Manual Integrations
APPROVED

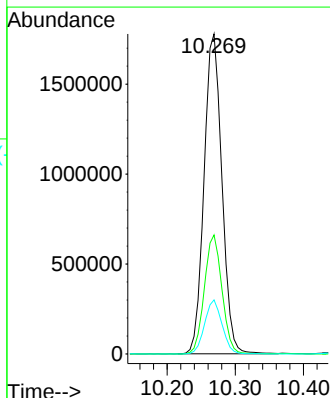
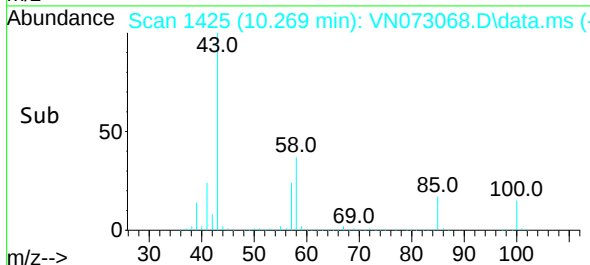
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

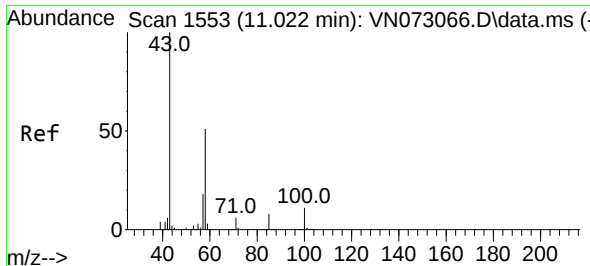


#58
4-Methyl-2-Pentanone
Concen: 487.343 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



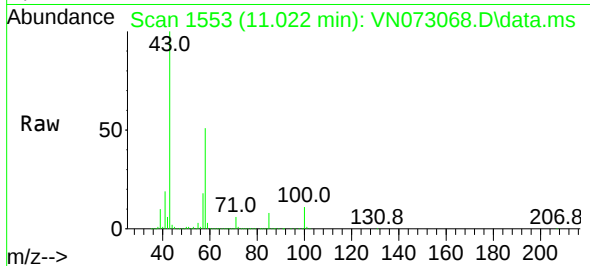
Tgt Ion: 43 Resp: 3241998
Ion Ratio Lower Upper
43 100
58 36.7 30.0 45.0
85 16.5 15.0 22.6





#59
2-Hexanone
Concen: 497.083 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

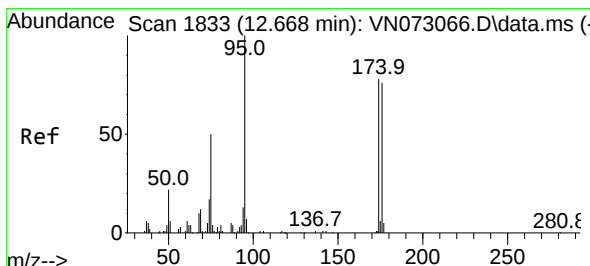
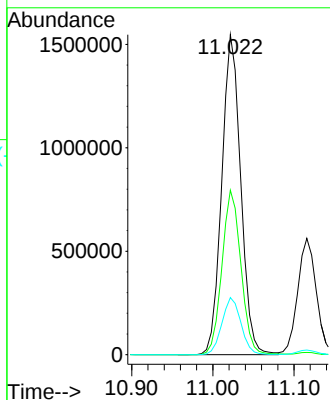
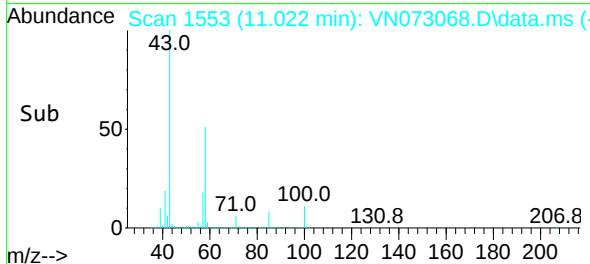
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 251485
Ion Ratio Lower Upper
43 100
58 51.4 42.2 63.2
57 18.0 15.0 22.4

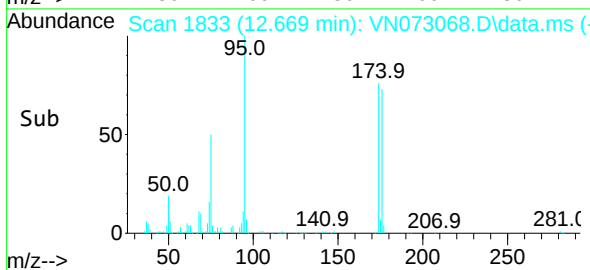
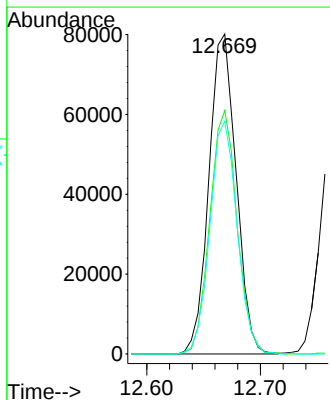
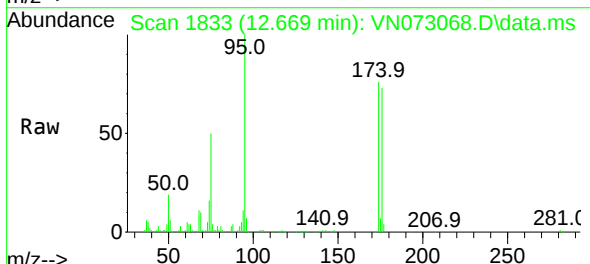
Manual Integrations
APPROVED

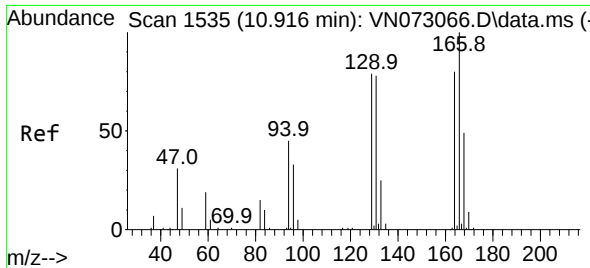
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#60
4-Bromofluorobenzene
Concen: 29.615 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

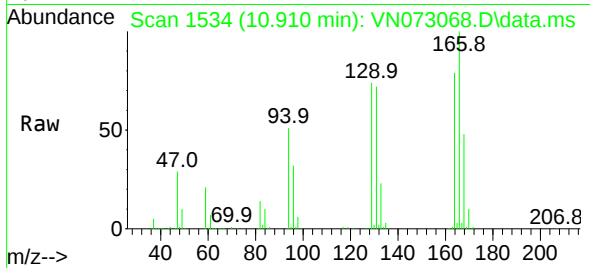
Tgt Ion: 95 Resp: 133555
Ion Ratio Lower Upper
95 100
174 75.9 62.9 94.3
176 72.5 61.0 91.4





#61
Tetrachloroethene
Concen: 105.855 ug/l
RT: 10.910 min Scan# 1535
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

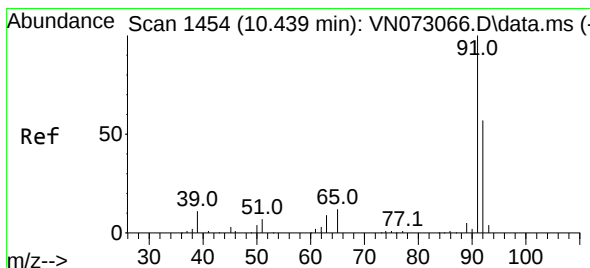
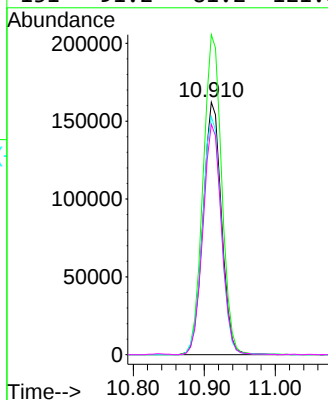
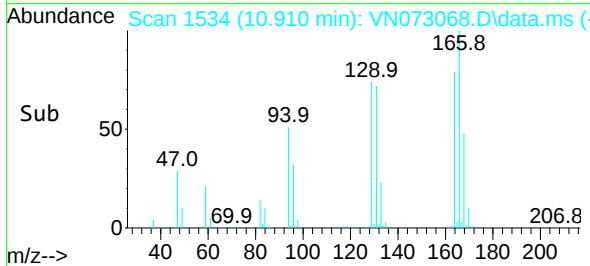
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



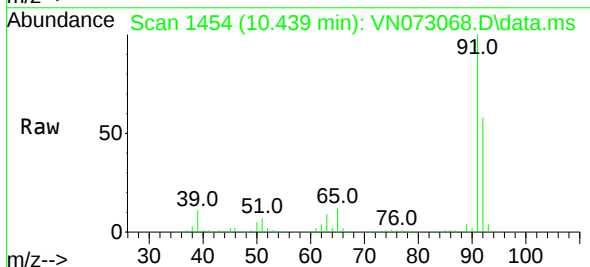
Tgt Ion:164 Resp: 292750
Ion Ratio Lower Upper
164 100
166 126.7 105.8 158.8
129 94.2 82.5 123.7
131 91.2 81.2 121.8

Manual Integrations
APPROVED

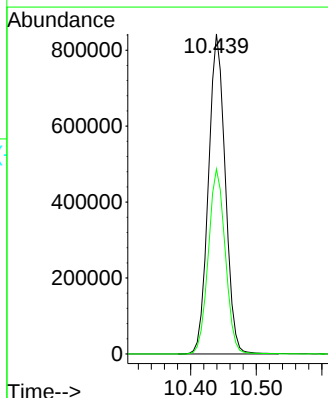
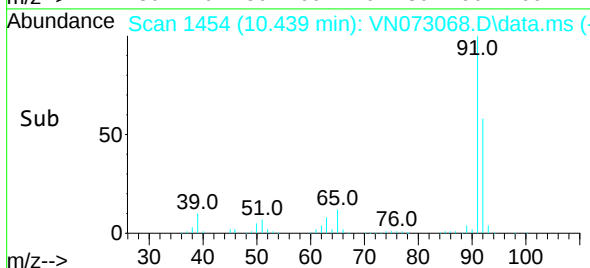
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

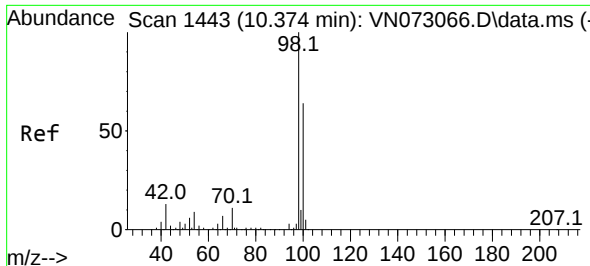


#62
Toluene
Concen: 99.472 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



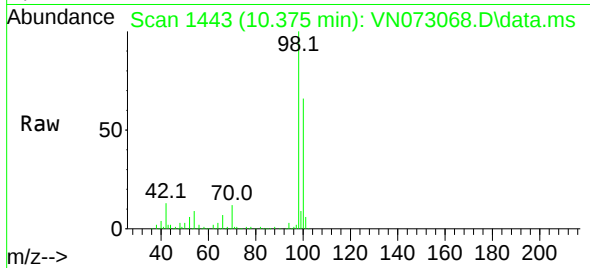
Tgt Ion: 91 Resp: 1500343
Ion Ratio Lower Upper
91 100
92 58.2 44.6 67.0





#63
Toluene-d8
Concen: 29.015 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

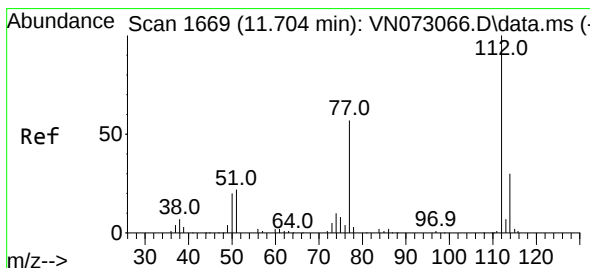
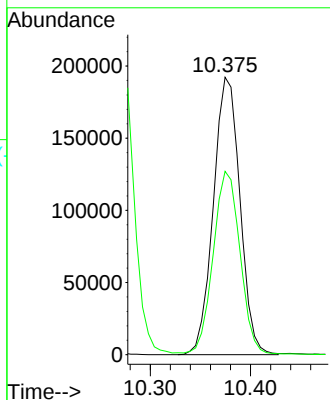
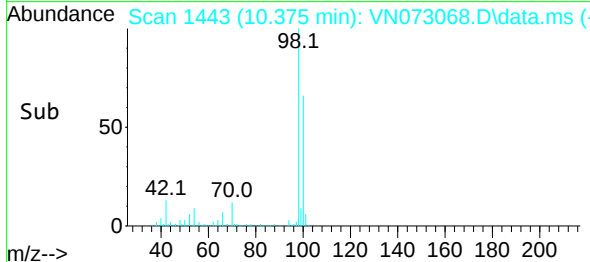
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 98 Resp: 354658
Ion Ratio Lower Upper
98 100
100 67.0 50.6 76.0

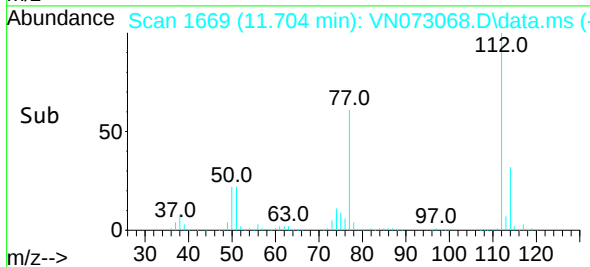
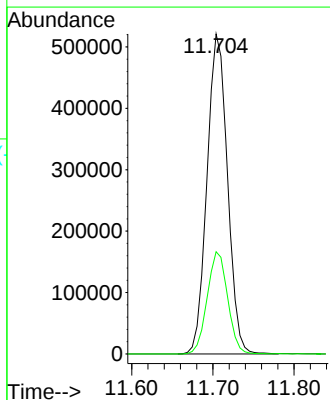
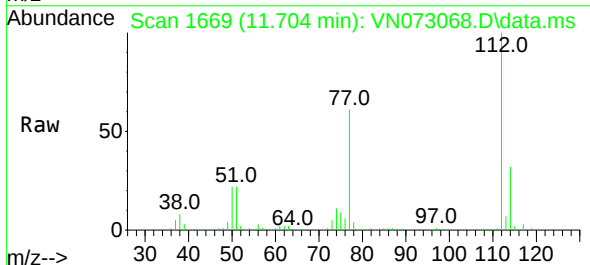
Manual Integrations
APPROVED

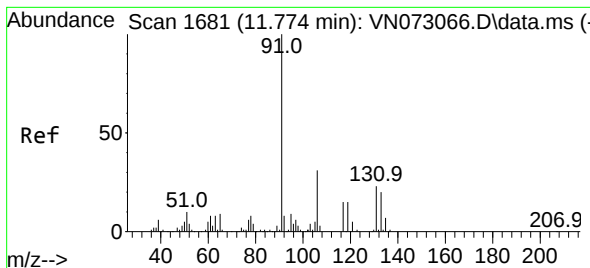
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#64
Chlorobenzene
Concen: 99.797 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

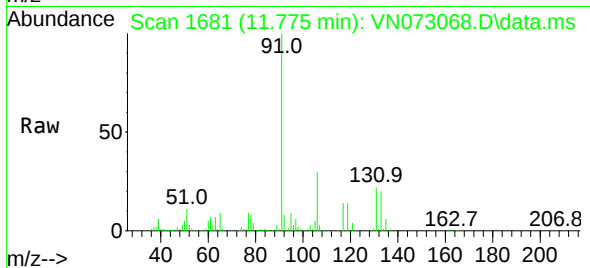
Tgt Ion:112 Resp: 912804
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 97.389 ug/l
RT: 11.775 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

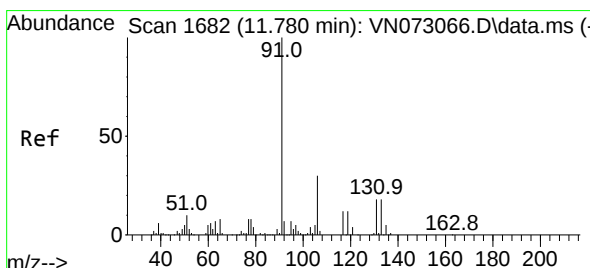
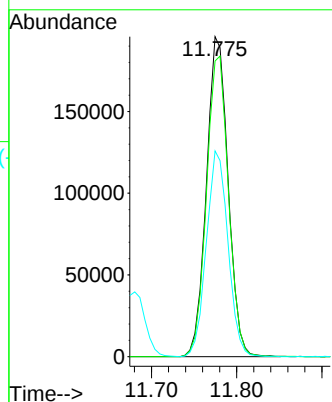
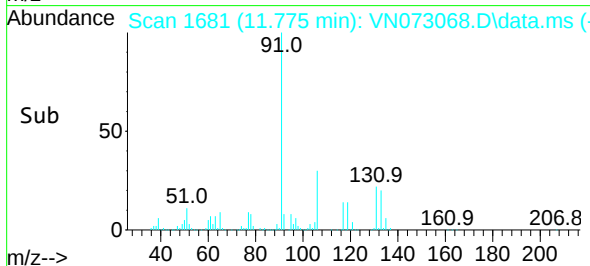
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:131 Resp: 345410
Ion Ratio Lower Upper
131 100
133 95.2 0.0 191.2
119 64.2 0.0 128.8

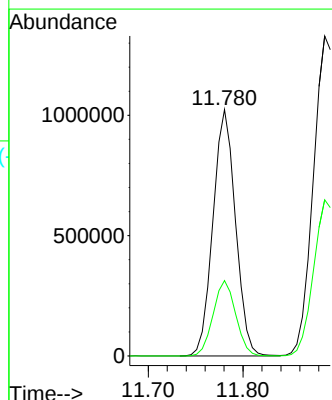
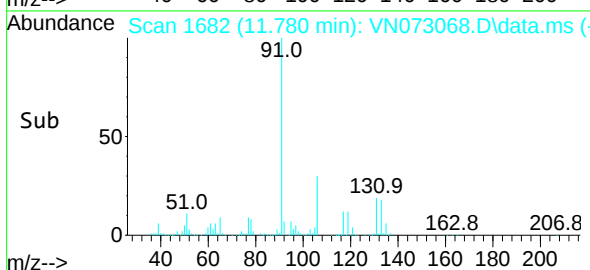
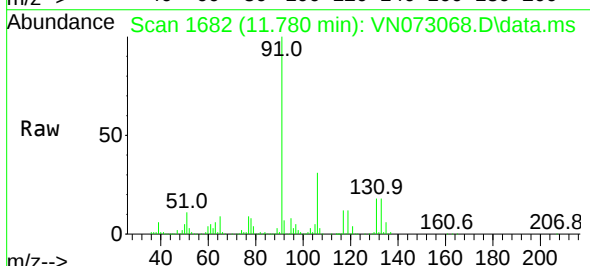
Manual Integrations
APPROVED

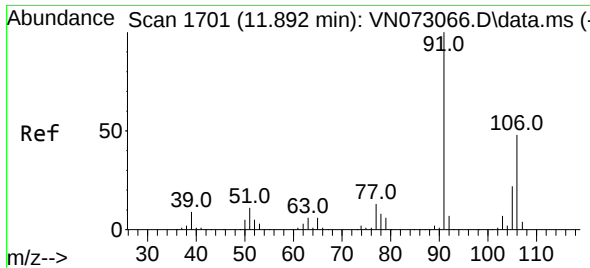
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#66
Ethyl Benzene
Concen: 98.852 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

Tgt Ion: 91 Resp: 1690367
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0





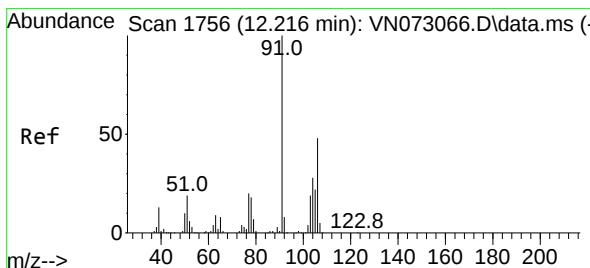
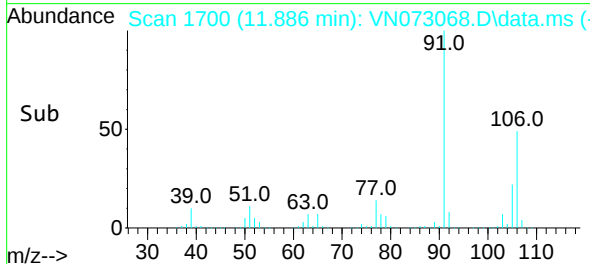
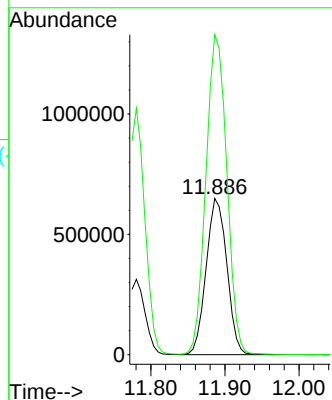
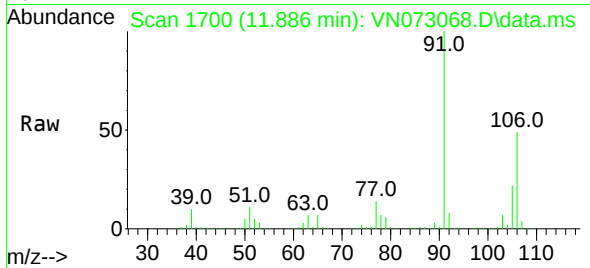
#67
m/p-Xylenes
Concen: 200.764 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 126403
Ion Ratio Lower Upper
106 100
91 206.3 162.9 244.3

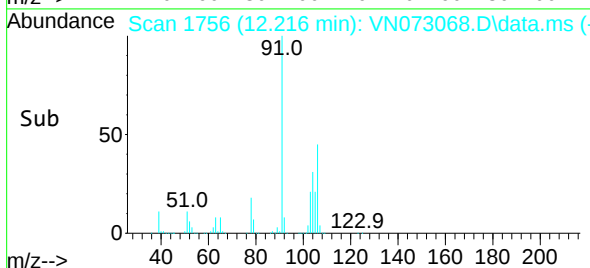
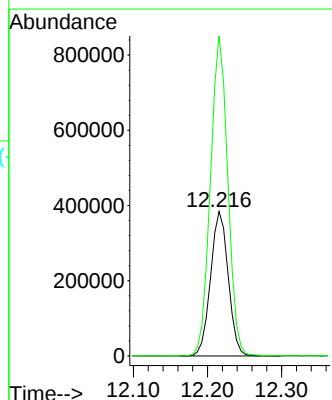
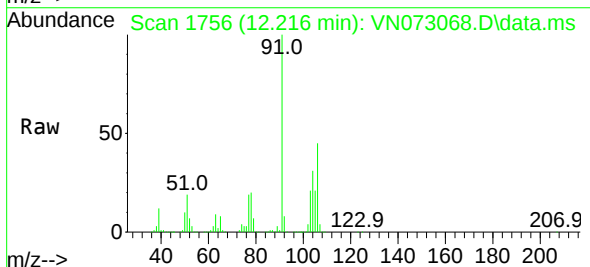
Manual Integrations
APPROVED

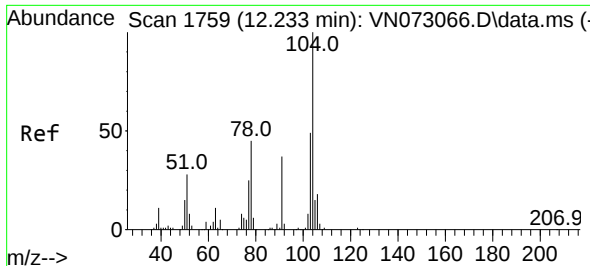
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#68
o-Xylene
Concen: 99.457 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

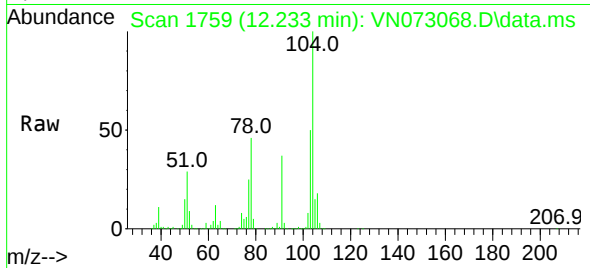
Tgt Ion:106 Resp: 636172
Ion Ratio Lower Upper
106 100
91 218.3 107.7 323.1





#69
Styrene
Concen: 102.676 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

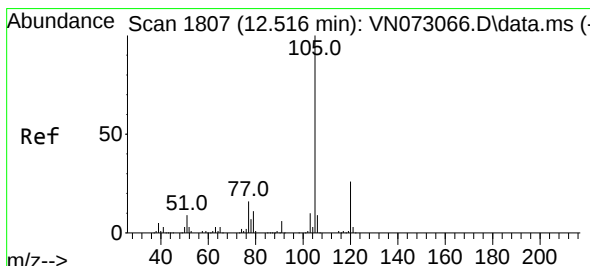
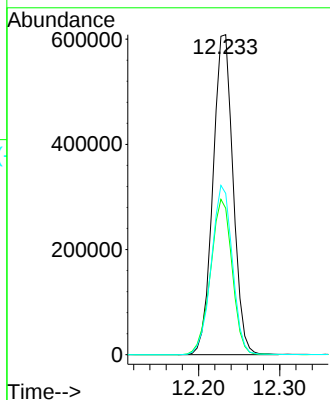
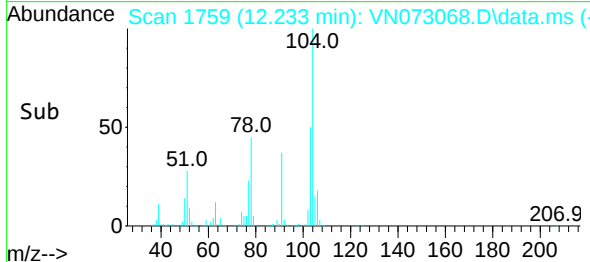
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



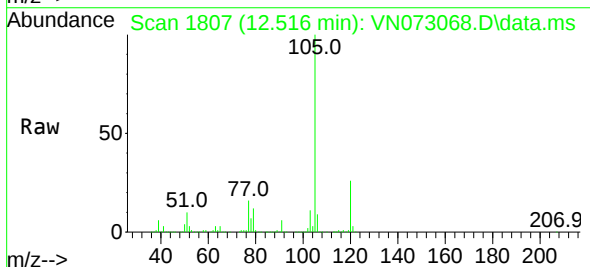
Tgt Ion:104 Resp: 1051979
Ion Ratio Lower Upper
104 100
78 51.9 40.7 61.1
103 55.3 45.8 68.8

Manual Integrations
APPROVED

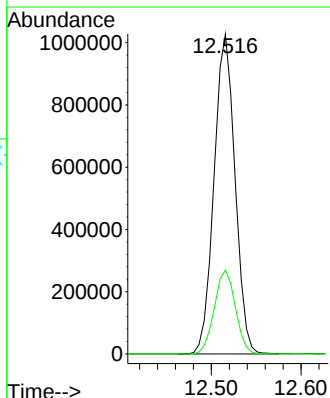
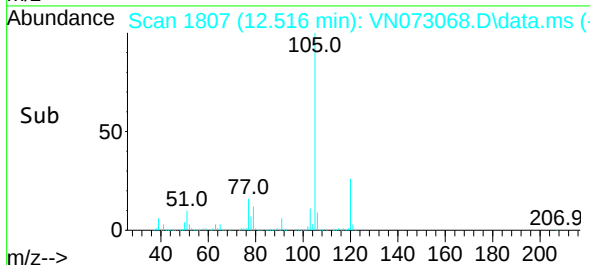
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

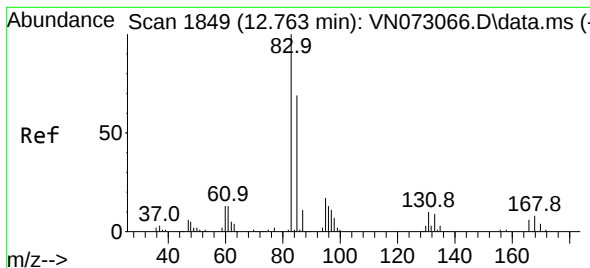


#70
Isopropylbenzene
Concen: 99.893 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



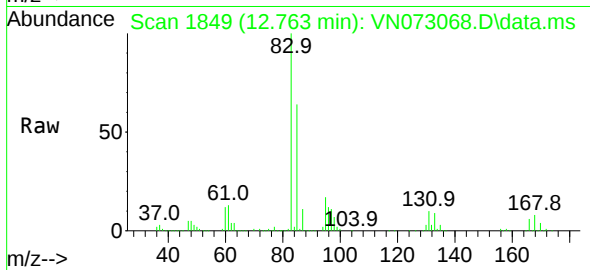
Tgt Ion:105 Resp: 1665486
Ion Ratio Lower Upper
105 100
120 26.4 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 97.861 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

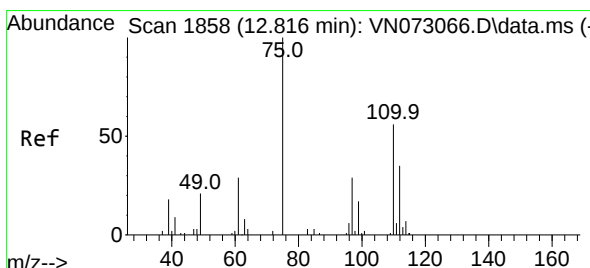
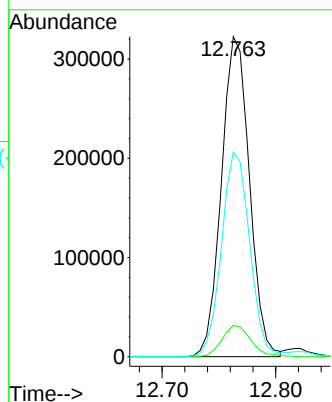
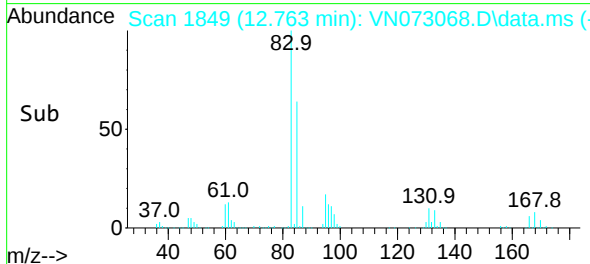
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 55253
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 64.3 33.1 99.2

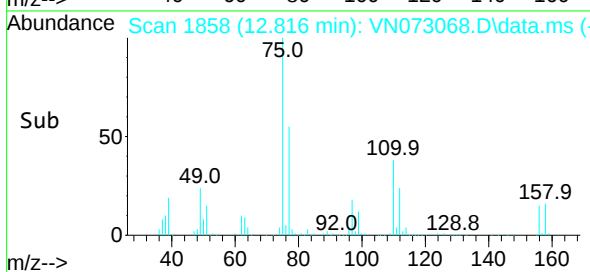
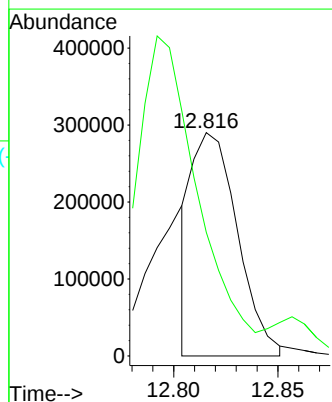
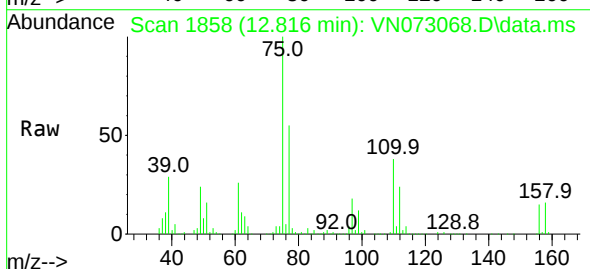
Manual Integrations
APPROVED

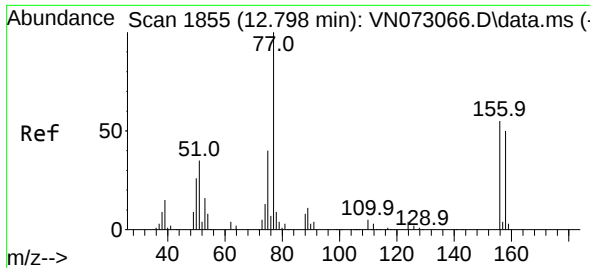
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#72
1,2,3-Trichloropropane
Concen: 93.687 ug/l m
RT: 12.816 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

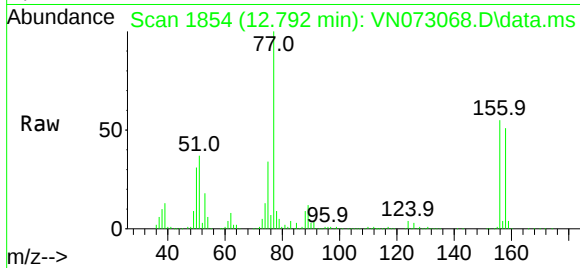
Tgt Ion: 75 Resp: 443608
Ion Ratio Lower Upper
75 100
77 193.7 0.0 378.0





#73
Bromobenzene
Concen: 110.600 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

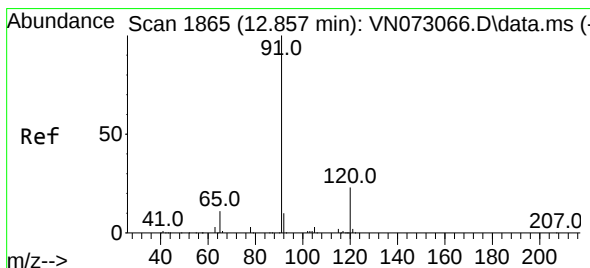
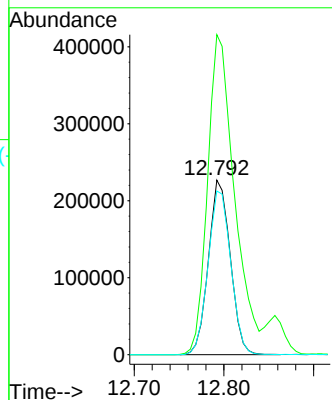
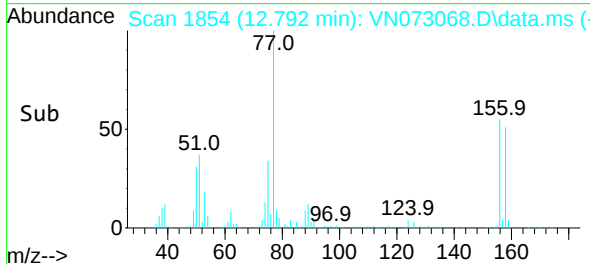
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



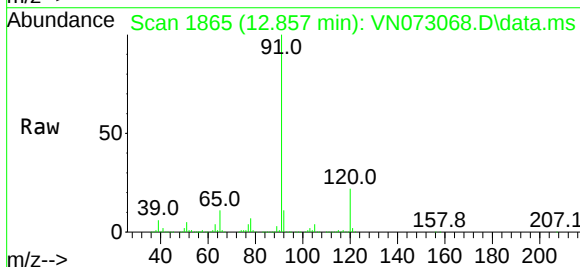
Tgt Ion:156 Resp: 384294
Ion Ratio Lower Upper
156 100
77 223.6 0.0 416.0
158 97.5 0.0 195.4

Manual Integrations
APPROVED

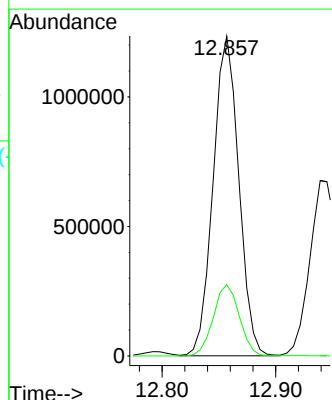
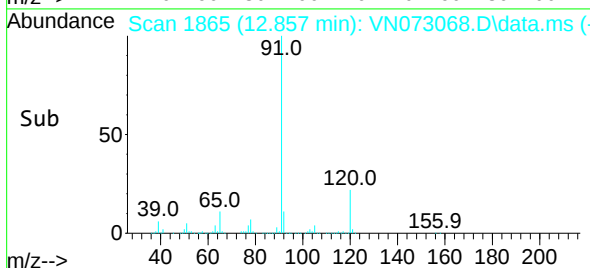
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

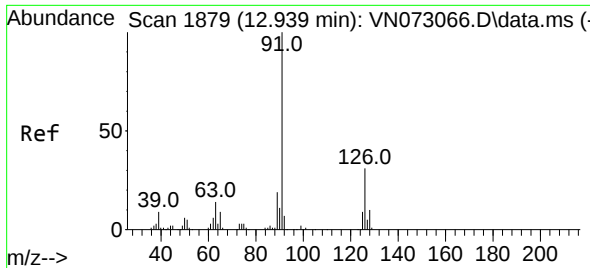


#74
n-propylbenzene
Concen: 101.511 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



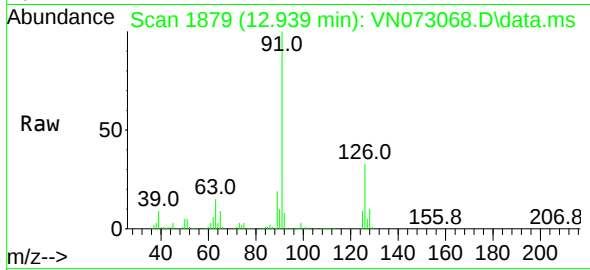
Tgt Ion: 91 Resp: 1935194
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.0





#75
2-Chlorotoluene
Concen: 98.807 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

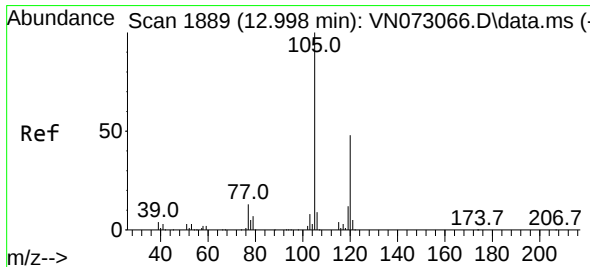
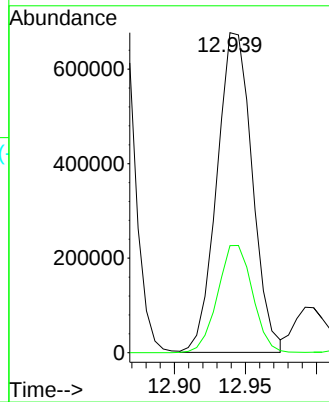
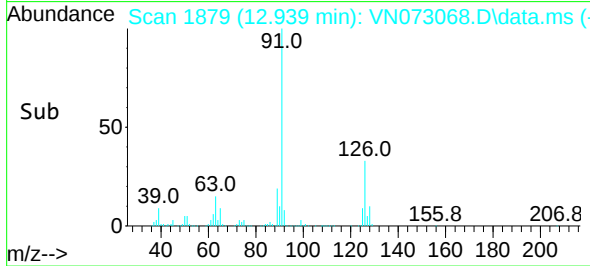
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



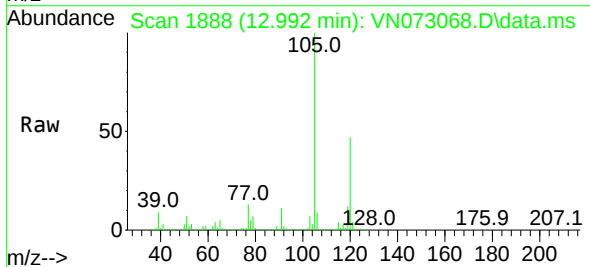
Tgt Ion: 91 Resp: 1172492
Ion Ratio Lower Upper
91 100
126 33.2 0.0 69.8

Manual Integrations
APPROVED

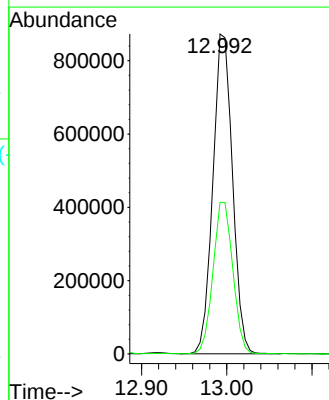
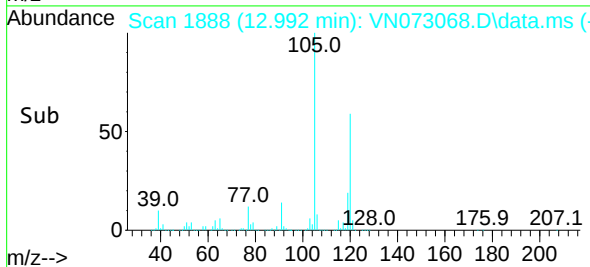
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

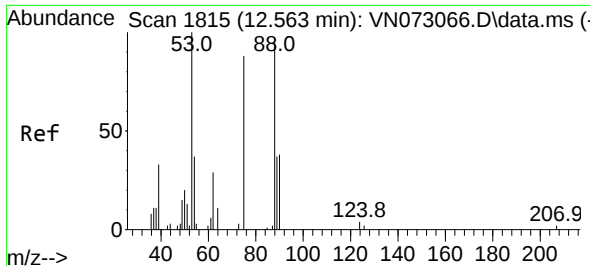


#76
1,3,5-Trimethylbenzene
Concen: 101.633 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



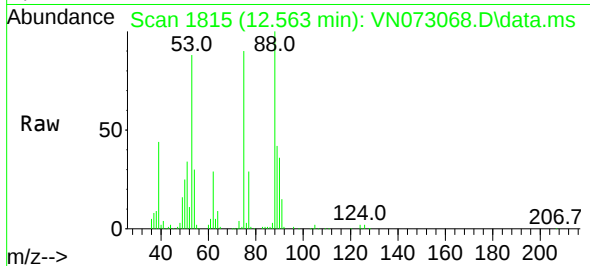
Tgt Ion:105 Resp: 1394396
Ion Ratio Lower Upper
105 100
120 47.9 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 75.341 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

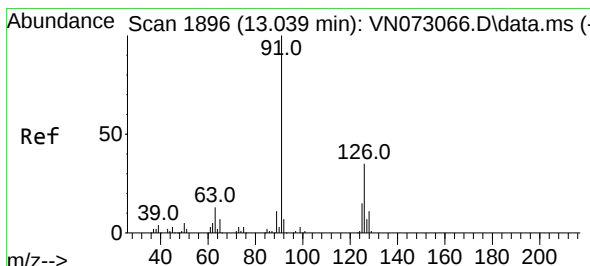
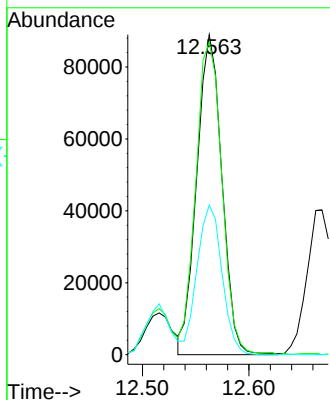
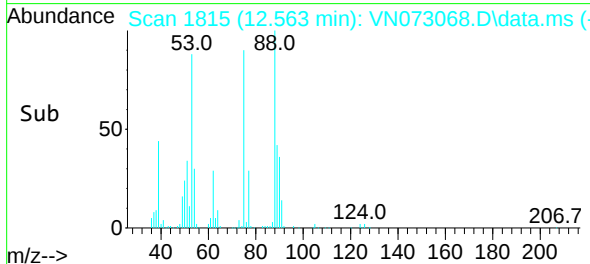
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 146234
Ion Ratio Lower Upper
75 100
53 98.0 51.8 155.5
89 46.9 22.9 68.7

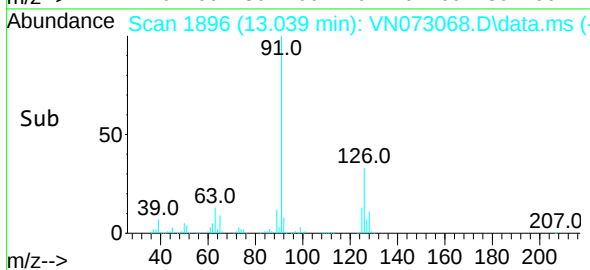
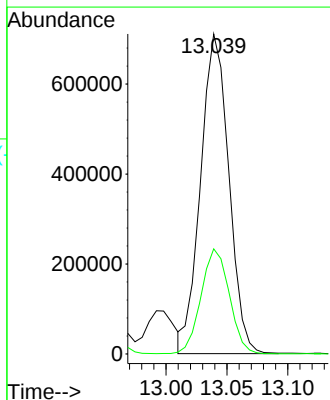
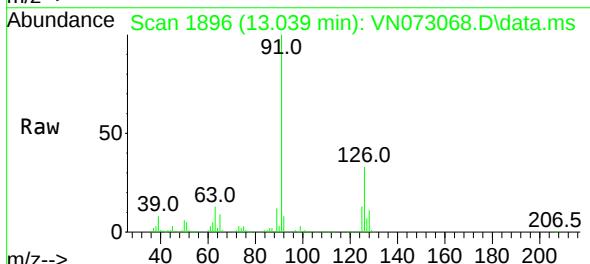
Manual Integrations
APPROVED

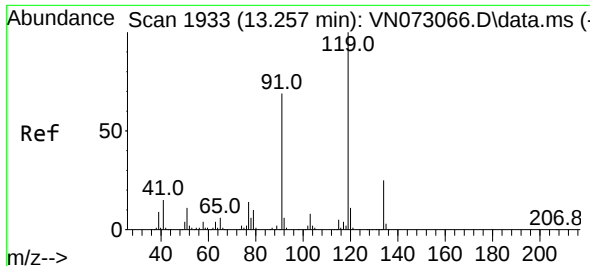
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#78
4-Chlorotoluene
Concen: 102.074 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

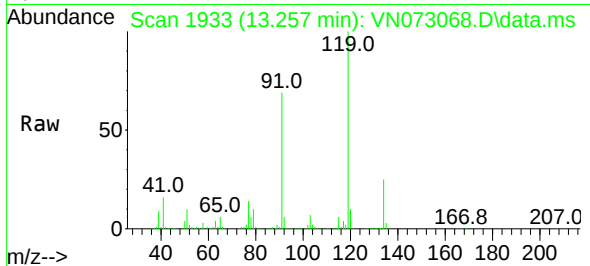
Tgt Ion: 91 Resp: 1145595
Ion Ratio Lower Upper
91 100
126 33.1 0.0 70.6





#79
tert-butylbenzene
Concen: 97.698 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

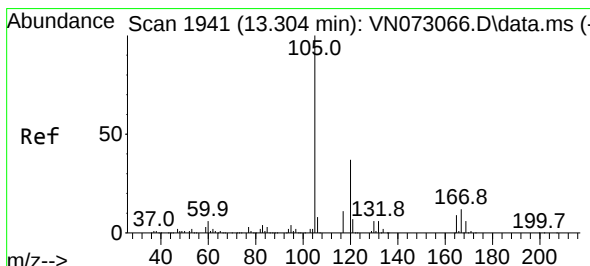
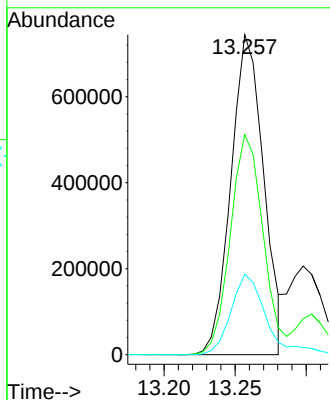
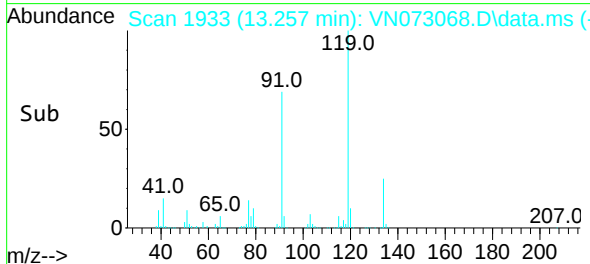
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



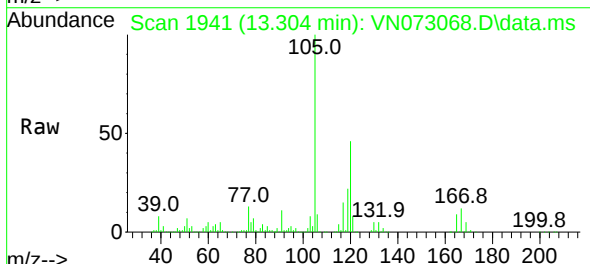
Tgt Ion:119 Resp: 1192819
Ion Ratio Lower Upper
119 100
91 68.9 0.0 137.0
134 25.1 0.0 47.6

Manual Integrations
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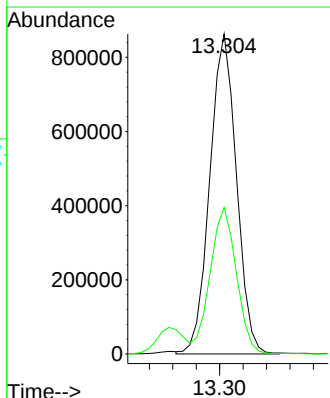
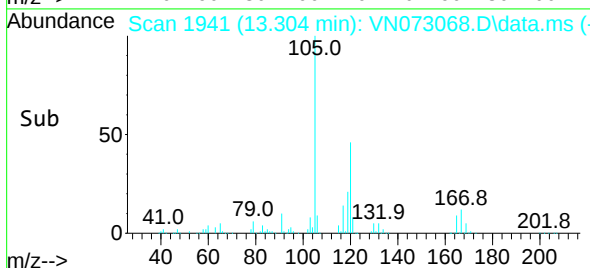
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

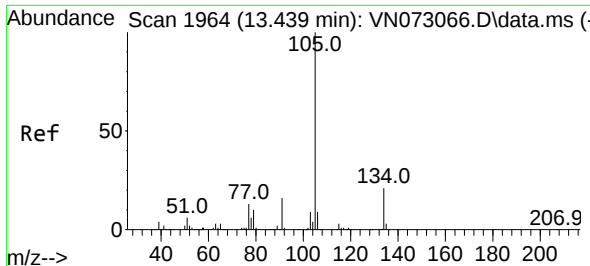


#80
1,2,4-Trimethylbenzene
Concen: 84.949 ug/l m
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



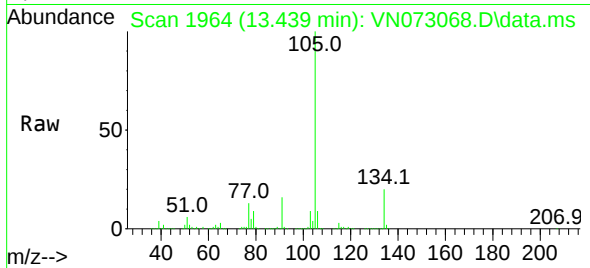
Tgt Ion:105 Resp: 1363669
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 102.150 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073068.D
 Acq: 24 Jun 2022 01:10

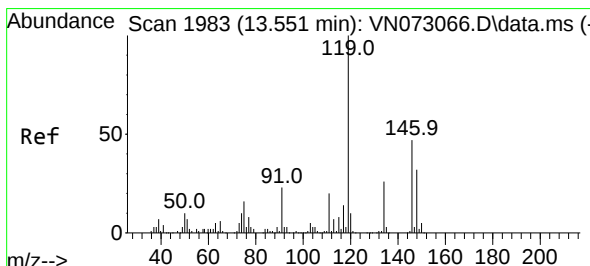
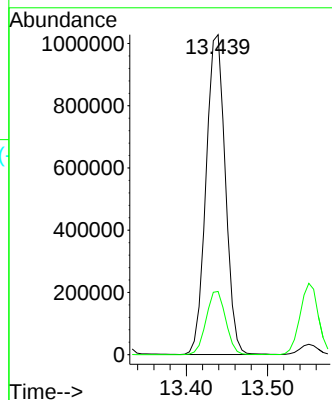
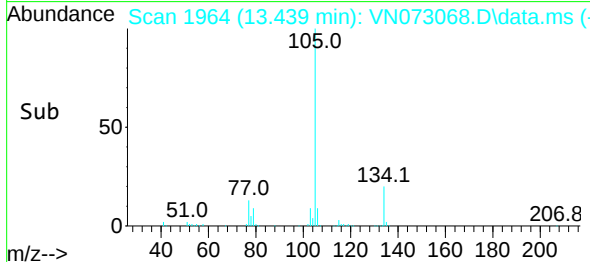
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



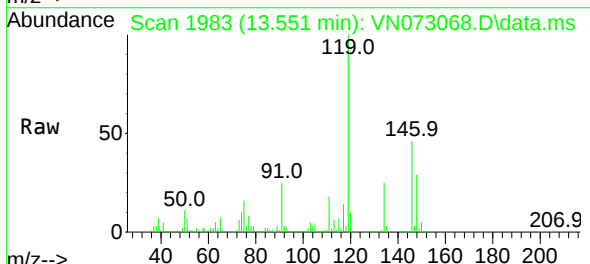
Tgt Ion:105 Resp: 169094
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.4

Manual Integrations
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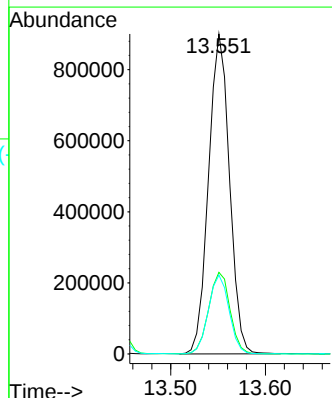
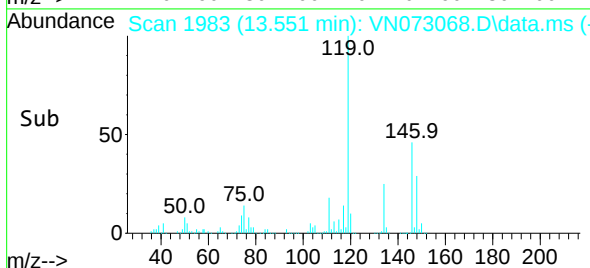
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

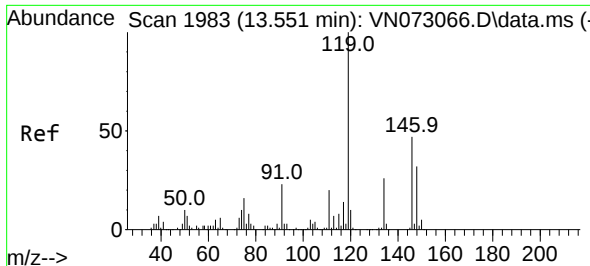


#82
 p-Isopropyltoluene
 Concen: 104.135 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073068.D
 Acq: 24 Jun 2022 01:10



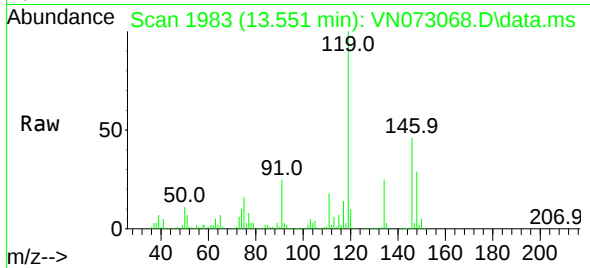
Tgt Ion:119 Resp: 1386396
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.8
 91 24.2 0.0 50.4





#83
 1,3-Dichlorobenzene
 Concen: 113.050 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073068.D
 Acq: 24 Jun 2022 01:10

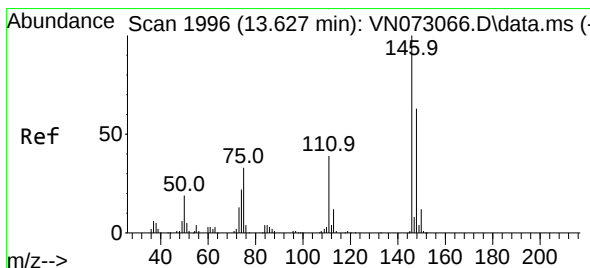
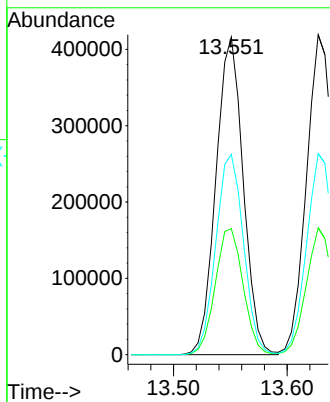
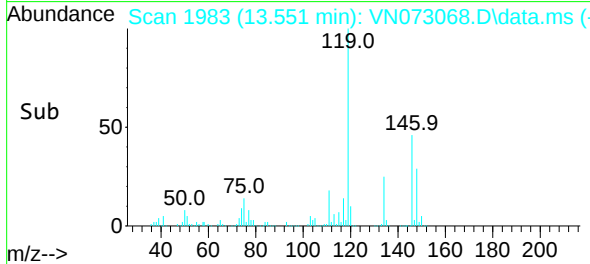
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



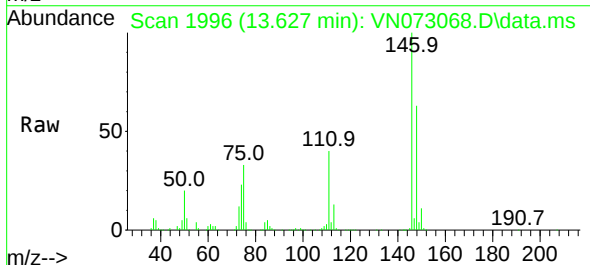
Tgt Ion:146 Resp: 695712
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.8 62.2
 148 64.0 31.4 94.3

Manual Integrations
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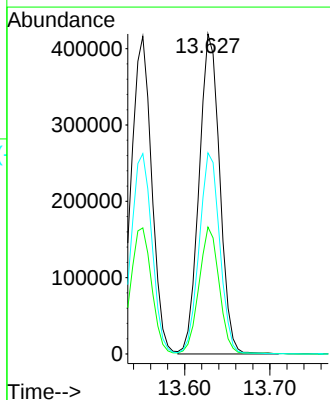
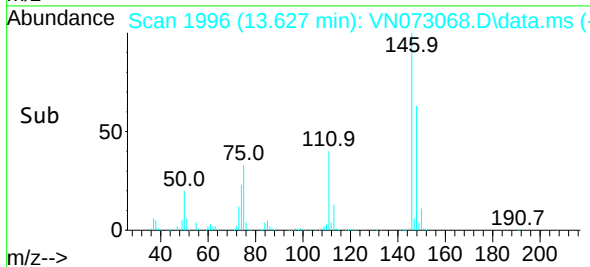
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

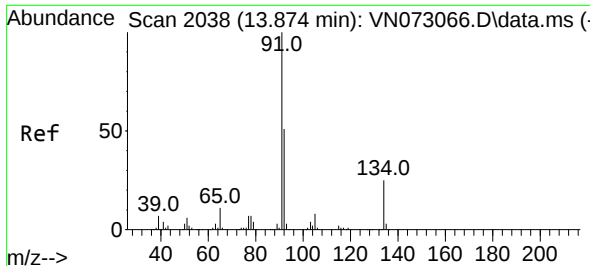


#84
 1,4-Dichlorobenzene
 Concen: 117.872 ug/l
 RT: 13.627 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN073068.D
 Acq: 24 Jun 2022 01:10



Tgt Ion:146 Resp: 706276
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.5 58.5
 148 62.5 31.1 93.5





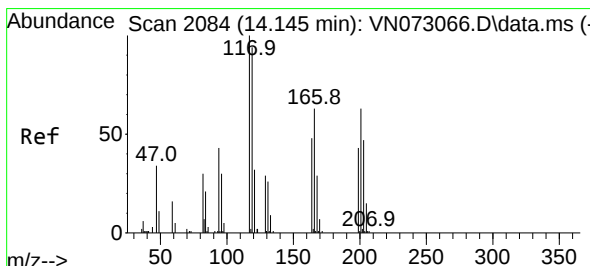
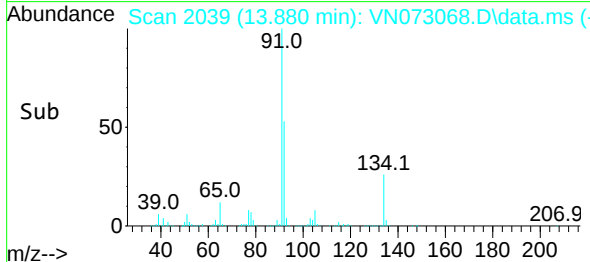
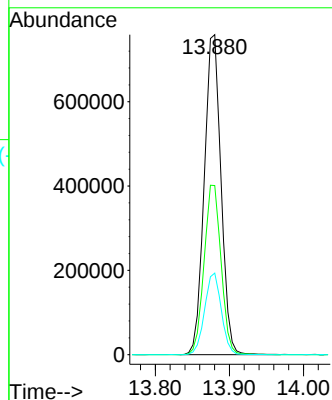
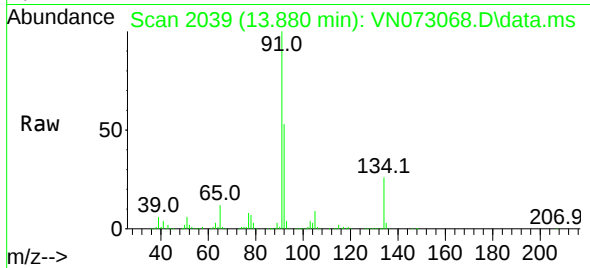
#85
n-Butylbenzene
Concen: 107.281 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1192600
Ion Ratio Lower Upper
91 100
92 53.6 0.0 100.6
134 25.4 0.0 50.2

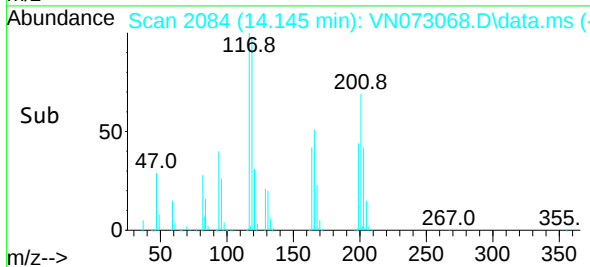
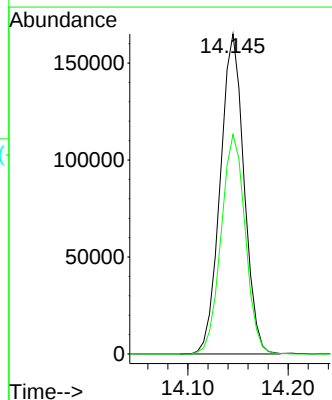
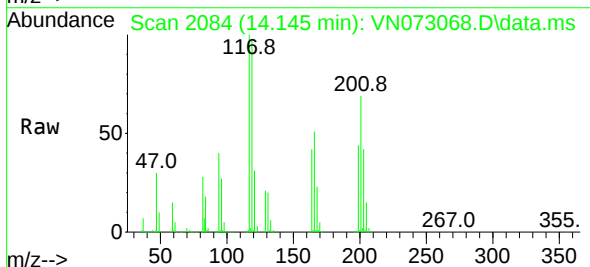
Manual Integrations
APPROVED

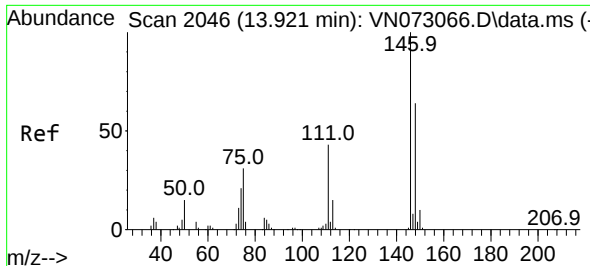
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#86
Hexachloroethane
Concen: 95.742 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

Tgt Ion:117 Resp: 271513
Ion Ratio Lower Upper
117 100
201 69.6 33.3 99.8





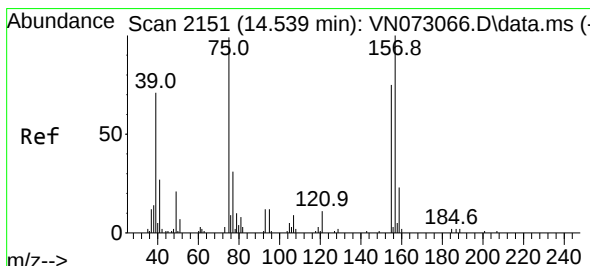
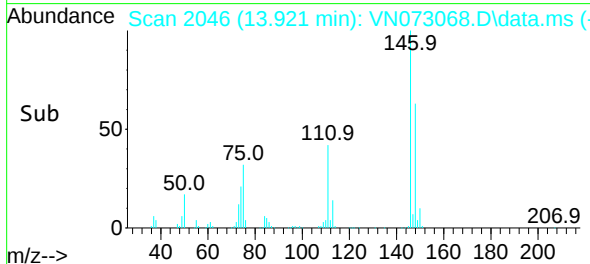
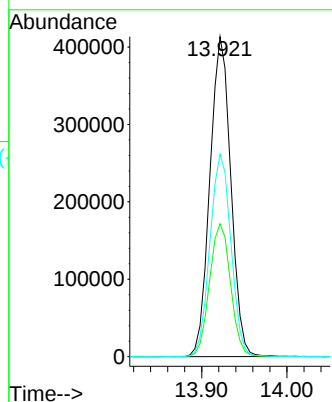
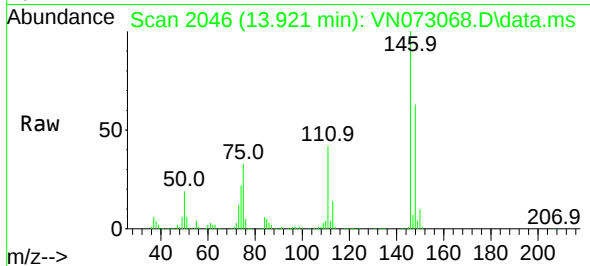
#87
1,2-Dichlorobenzene
Concen: 114.986 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 705960
Ion Ratio Lower Upper
146 100
111 41.8 21.4 64.2
148 63.9 32.5 97.4

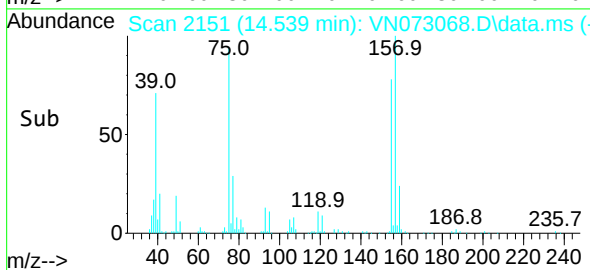
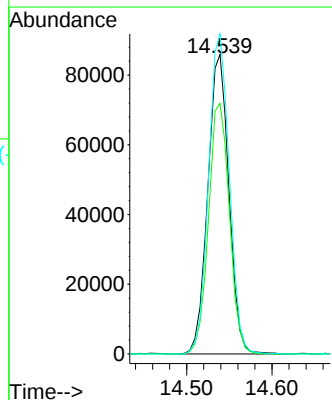
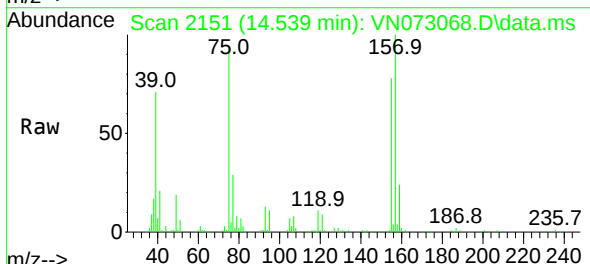
Manual Integrations
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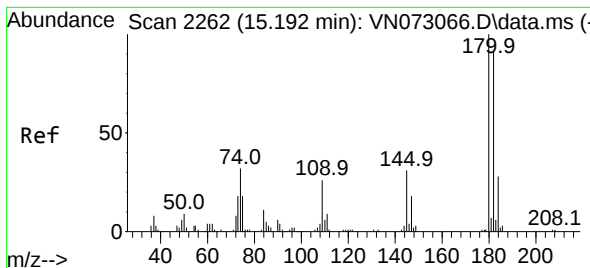
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 103.941 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

Tgt Ion: 75 Resp: 147685
Ion Ratio Lower Upper
75 100
155 82.9 63.8 95.8
157 105.2 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 131.129 ug/l

RT: 15.192 min Scan# 2262

Delta R.T. 0.000 min

Lab File: VN073068.D

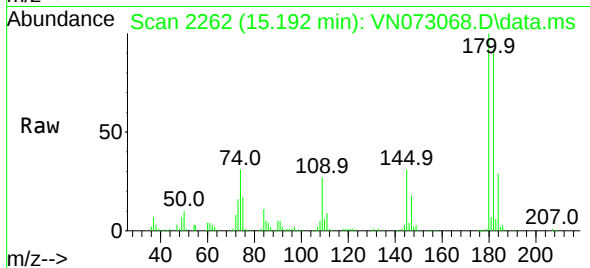
Acq: 24 Jun 2022 01:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



Tgt Ion:180 Resp: 406702

Ion Ratio Lower Upper

180 100

182 93.7 77.7 116.5

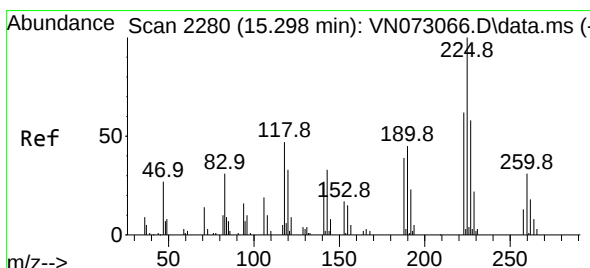
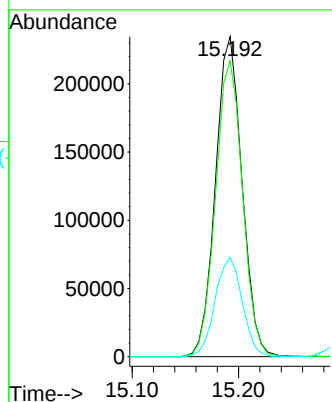
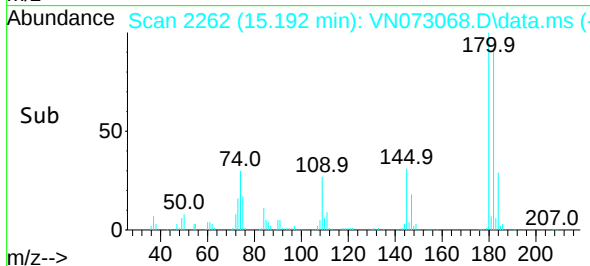
145 31.6 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#90

Hexachlorobutadiene

Concen: 116.651 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN073068.D

Acq: 24 Jun 2022 01:10

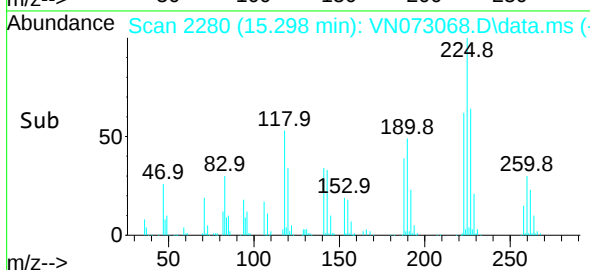
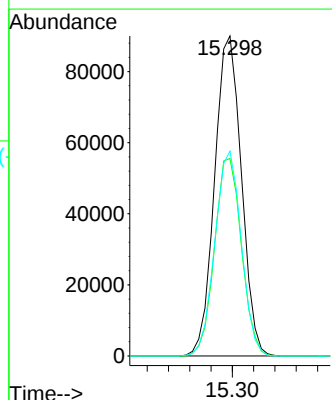
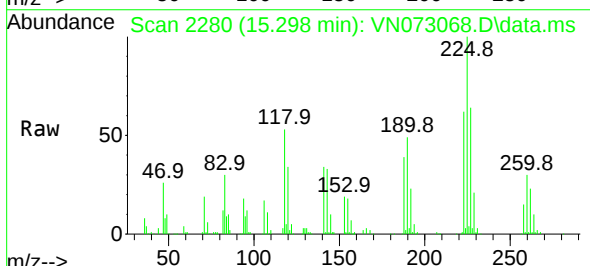
Tgt Ion:225 Resp: 157181

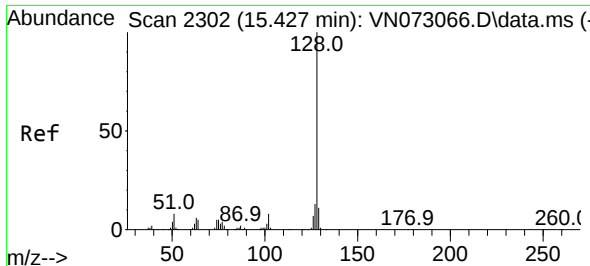
Ion Ratio Lower Upper

225 100

223 62.0 0.0 126.8

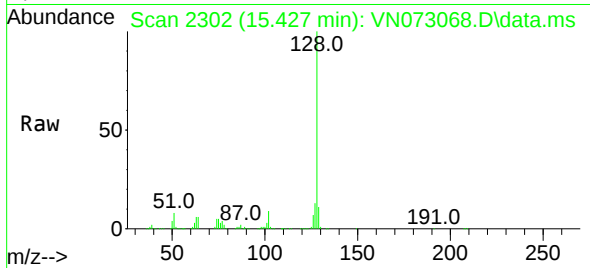
227 63.1 0.0 123.0





#91
Naphthalene
Concen: 123.973 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10

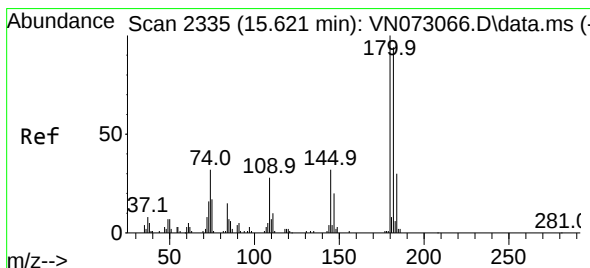
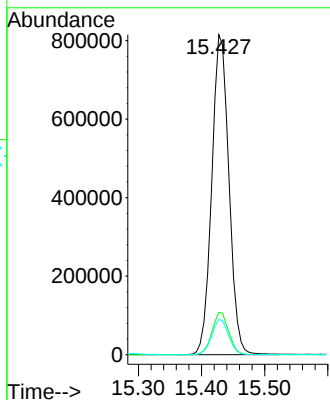
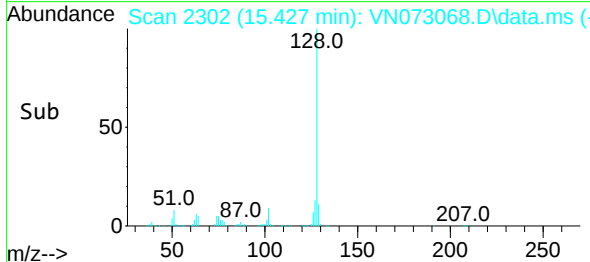
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



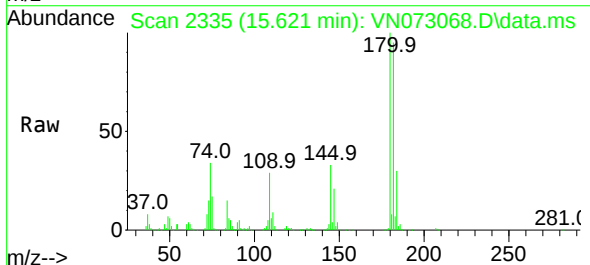
Tgt Ion:128 Resp: 1539640
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 127.820 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN073068.D
Acq: 24 Jun 2022 01:10



Tgt Ion:180 Resp: 405608
Ion Ratio Lower Upper
180 100
182 94.7 0.0 190.0
145 33.7 0.0 67.8

