

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071341.D
 Acq On : 17 Mar 2022 01:39
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 17 06:10:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:07:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/17/2022
 Supervised By : Semsettin Yesilyurt 03/21/2022

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

Internal Standards						
1) Bromochloromethane	7.651	128	105528	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	600367	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	590735	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	249393	27.220	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	90.733%	#	
60) 4-Bromofluorobenzene	12.727	95	281395	29.261	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.533%		
63) Toluene-d8	10.439	98	765259	28.140	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	93.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.063	85	1119685	149.362	ug/l	98
3) Chloromethane	2.293	50	1435433	161.829	ug/l	96
4) Vinyl Chloride	2.434	62	1348053	161.473	ug/l	99
5) Bromomethane	2.810	94	534863	117.585	ug/l	98
6) Chloroethane	2.975	64	799142	164.605	ug/l	97
7) Trichlorofluoromethane	3.346	101	1691280	157.195	ug/l	98
8) Diethyl Ether	3.816	74	741757	170.473	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.199	101	942609m	150.343	ug/l	
10) 1,1-Dichloroethene	4.169	96	977982	161.651	ug/l	90
11) Methyl Iodide	4.410	142	1419267	168.945	ug/l	94
12) Methyl Acetate	4.846	43	1785406	124.232	ug/l	95
13) Acrolein	4.034	56	1225247	951.635	ug/l	98
14) Acrylonitrile	5.545	53	3931119	885.031	ug/l	98
15) Acetone	4.281	58	1021465	694.571	ug/l	97
16) Carbon Disulfide	4.522	76	2748408	154.790	ug/l	99
17) Allyl chloride	4.828	41	2063099	153.330	ug/l	84
18) Methylene Chloride	5.087	84	1161900	158.468	ug/l	91
19) trans-1,2-Dichloroethene	5.587	96	1034434	161.568	ug/l	89
20) Diisopropyl ether	6.487	45	4073722	157.614	ug/l	93
21) 1,1-Dichloroethane	6.381	63	2158040	156.866	ug/l	100
22) cis-1,2-Dichloroethene	7.322	96	1247167	162.998	ug/l	96
23) tert-Butyl Alcohol	5.369	59	1541680	1048.577	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	3762870	171.749	ug/l	95
25) Chloroform	7.816	83	2034879	150.078	ug/l	100
26) Cyclohexane	8.092	56	1969709	156.124	ug/l #	90
29) 1,1-Dichloropropene	8.216	75	1591296	155.266	ug/l	96
30) 2-Butanone	7.328	43	5566295	784.845	ug/l	94
31) 2,2-Dichloropropane	7.322	77	1434129	134.842	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	1821956	152.067	ug/l	98
33) Carbon Tetrachloride	8.204	117	1578598	149.952	ug/l	99
34) Benzene	8.457	78	4768082	155.291	ug/l	97
35) Methacrylonitrile	7.628	41	1051213	155.609	ug/l	90
36) 1,2-Dichloroethane	8.528	62	1695506	142.407	ug/l	98
37) Trichloroethene	9.210	130	1163294	159.620	ug/l	97
38) Methylcyclohexane	9.457	83	1936948	158.383	ug/l	93
39) 1,2-Dichloropropane	9.486	63	1281044	156.403	ug/l	99
40) Dibromomethane	9.575	93	807585	151.283	ug/l	91
41) Bromodichloromethane	9.757	83	1669214	149.035	ug/l	95
42) Vinyl Acetate	6.428	43	18348528	853.371	ug/l	99

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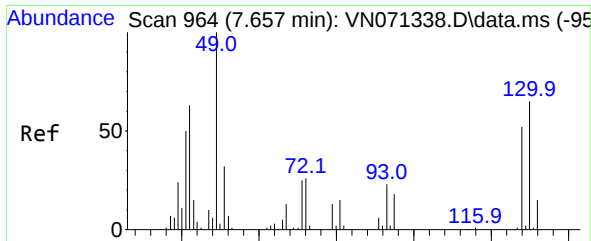
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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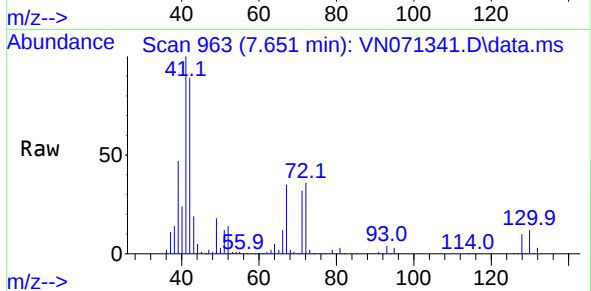
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	2113648	165.269	ug/l	95
44) Isopropyl Acetate	8.557	43	3374280	165.001	ug/l	100
45) 1,4-Dioxane	9.563	88	621171	4071.783	ug/l #	88
46) Methyl methacrylate	9.557	41	1686612	178.596	ug/l	81
47) n-amyl Acetate	12.386	43	2562544	179.224	ug/l	99
48) t-1,3-Dichloropropene	10.716	75	1901067	165.335	ug/l	100
49) cis-1,3-Dichloropropene	10.186	75	2030869	162.975	ug/l	93
50) 1,1,2-Trichloroethane	10.892	97	1187655	161.581	ug/l	98
51) Ethyl methacrylate	10.757	69	2212672	183.565	ug/l	87
52) 1,3-Dichloropropane	11.039	76	2141101	163.769	ug/l	99
53) Dibromochloromethane	11.233	129	1305876	159.985	ug/l	100
54) 1,2-Dibromoethane	11.345	107	1267694	167.854	ug/l	97
55) 2-Chloroethyl vinyl ether	10.039	63	3639042	1407.493	ug/l	98
56) Bromoform	12.451	173	1037163	166.662	ug/l #	99
58) 4-Methyl-2-Pentanone	10.328	43	11166543	805.143	ug/l	96
59) 2-Hexanone	11.080	43	8333771	814.518	ug/l	97
61) Tetrachloroethene	10.975	164	981467	144.464	ug/l	91
62) Toluene	10.504	91	5153670	148.046	ug/l	96
64) Chlorobenzene	11.769	112	3248087	156.719	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	1220863	156.592	ug/l	99
66) Ethyl Benzene	11.839	91	6026582	156.457	ug/l	98
67) m/p-Xylenes	11.951	106	4589190	324.735	ug/l	98
68) o-Xylene	12.274	106	2313418	164.265	ug/l	99
69) Styrene	12.292	104	3820834	168.114	ug/l	98
70) Isopropylbenzene	12.574	105	5854384	159.708	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.821	83	1826017	149.626	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	1768433m	161.541	ug/l	
73) Bromobenzene	12.857	156	1365523	160.571	ug/l	94
74) n-propylbenzene	12.916	91	6706484	159.628	ug/l	99
75) 2-Chlorotoluene	13.004	91	4014696	155.231	ug/l	97
76) 1,3,5-Trimethylbenzene	13.057	105	4639704	155.010	ug/l	96
77) t-1,4-Dichloro-2-butene	12.621	75	638622	177.056	ug/l	95
78) 4-Chlorotoluene	13.098	91	3856203	157.077	ug/l	96
79) tert-butylbenzene	13.321	119	4249801	161.532	ug/l	95
80) 1,2,4-Trimethylbenzene	13.363	105	4507894m	155.365	ug/l	
81) sec-Butylbenzene	13.498	105	5797477	160.094	ug/l	99
82) p-Isopropyltoluene	13.610	119	4675052	161.972	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	2254855	157.819	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	2184020	159.253	ug/l	99
85) n-Butylbenzene	13.939	91	3722748	157.578	ug/l	95
86) Hexachloroethane	14.204	117	885179	154.635	ug/l	86
87) 1,2-Dichlorobenzene	13.986	146	2131763	154.543	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.598	75	402217	170.572	ug/l	92
89) 1,2,4-Trichlorobenzene	15.257	180	1156936	180.719	ug/l	97
90) Hexachlorobutadiene	15.363	225	526051	140.533	ug/l	99
91) Naphthalene	15.498	128	3855673	222.321	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	1163168	189.784	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

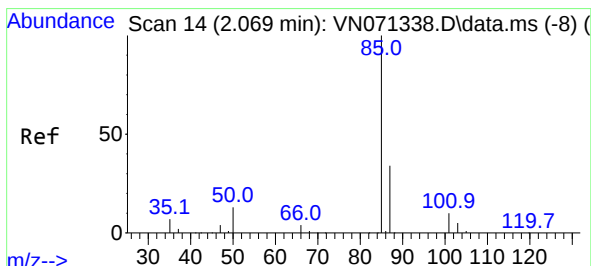
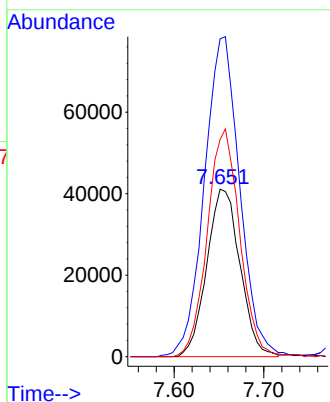
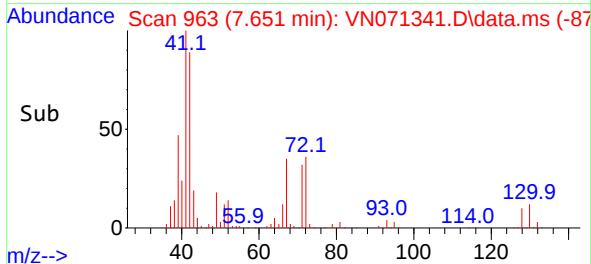
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



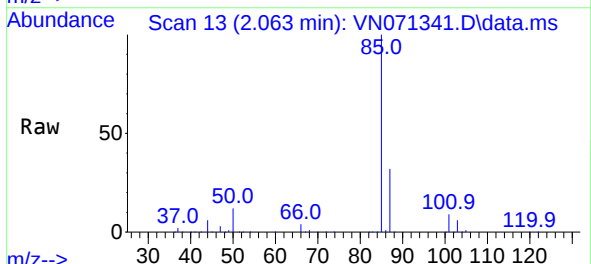
Tgt Ion:128 Resp: 105528
Ion Ratio Lower Upper
128 100
49 203.7 0.0 392.3
130 132.7 0.0 320.2

Manual Integrations
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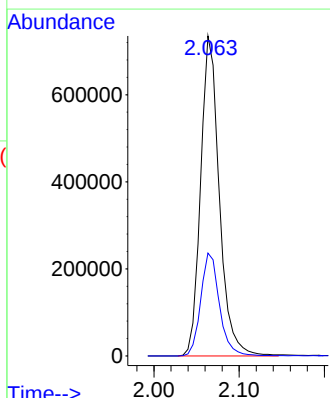
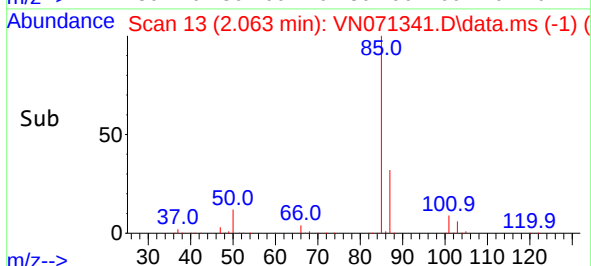
Reviewed By :John Carlone 03/17/2022
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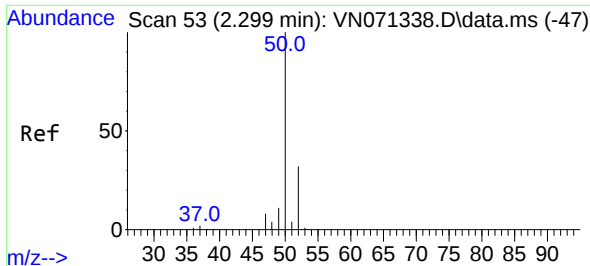


#2
Dichlorodifluoromethane
Concen: 149.362 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



Tgt Ion: 85 Resp: 1119685
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.7





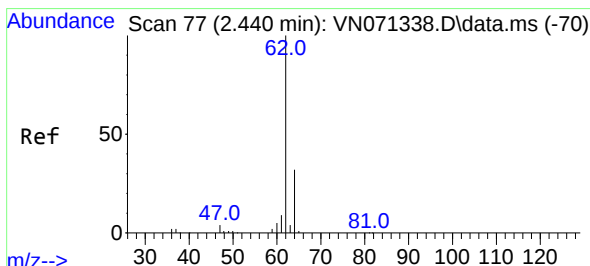
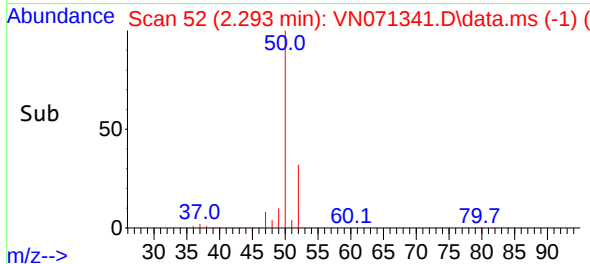
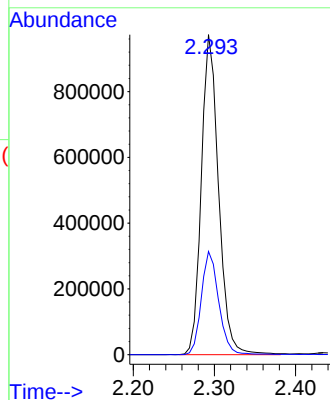
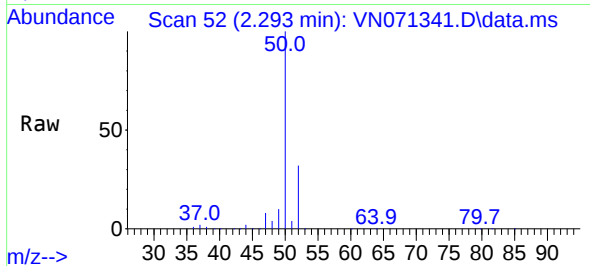
#3
Chloromethane
Concen: 161.829 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 143543
Ion Ratio Lower Upper
50 100
52 32.3 27.8 41.6

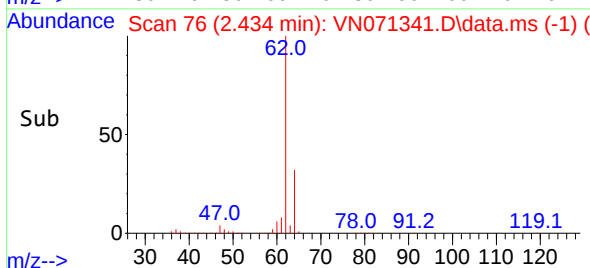
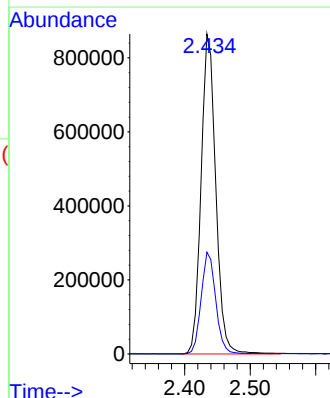
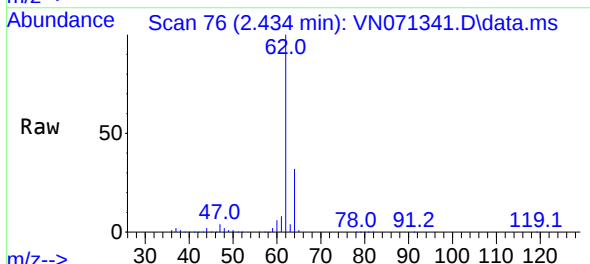
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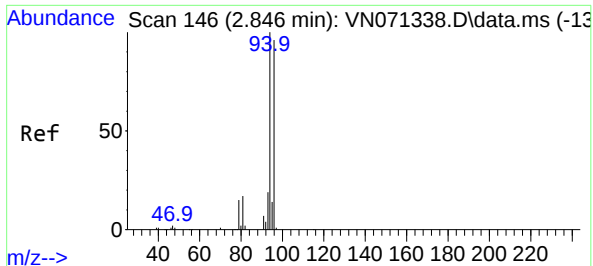
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#4
Vinyl Chloride
Concen: 161.473 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

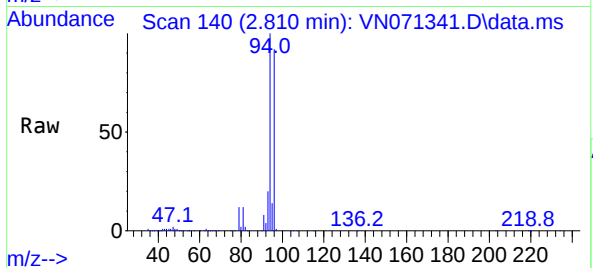
Tgt Ion: 62 Resp: 1348053
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7





#5
Bromomethane
Concen: 117.585 ug/l
RT: 2.810 min Scan# 146
Delta R.T. -0.035 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

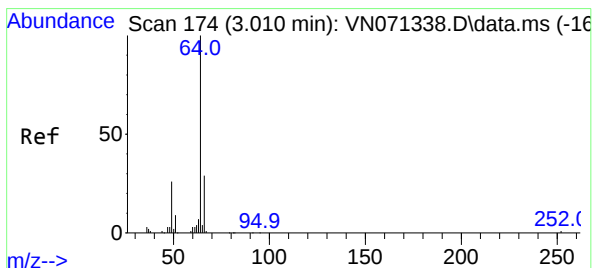
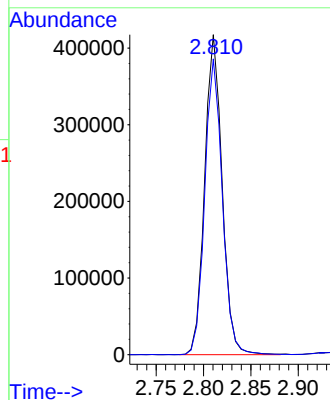
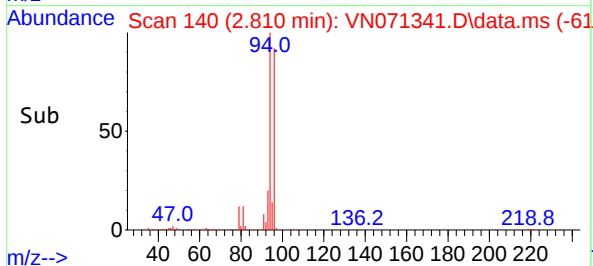
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 53486
Ion Ratio Lower Upper
94 100
96 92.5 75.2 112.8

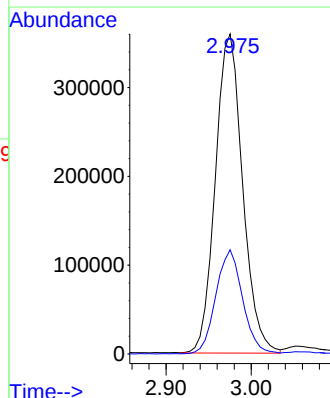
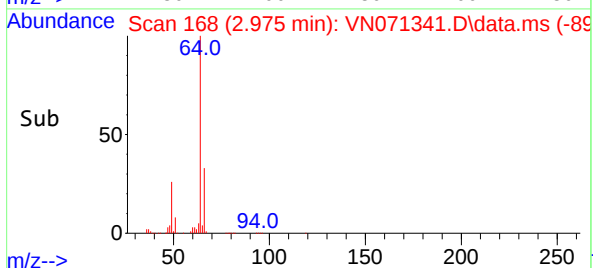
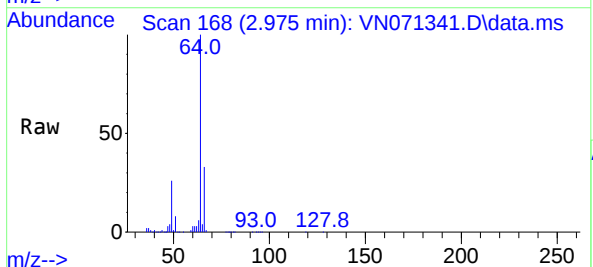
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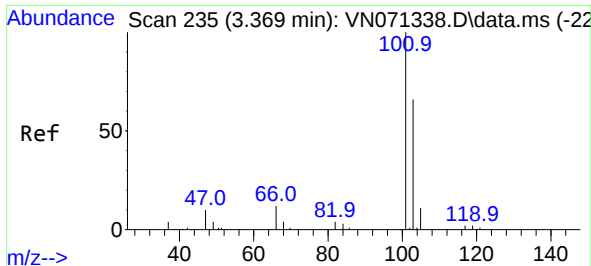
Reviewed By :John Carlone 03/17/2022
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#6
Chloroethane
Concen: 164.605 ug/l
RT: 2.975 min Scan# 168
Delta R.T. -0.035 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

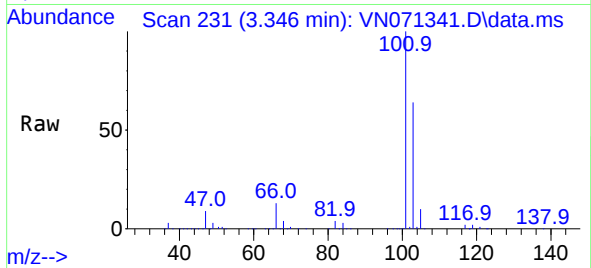
Tgt Ion: 64 Resp: 799142
Ion Ratio Lower Upper
64 100
66 32.6 24.6 36.8





#7
Trichlorofluoromethane
Concen: 157.195 ug/l
RT: 3.346 min Scan# 21
Delta R.T. -0.024 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

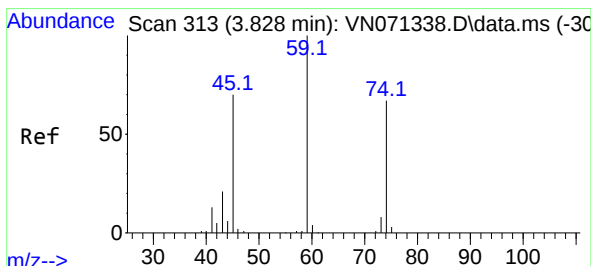
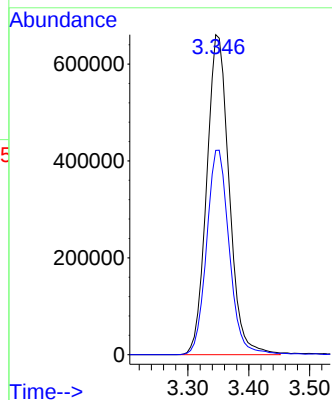
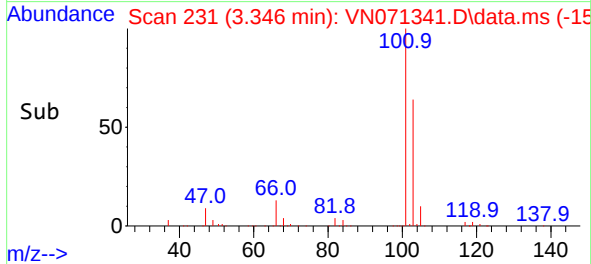
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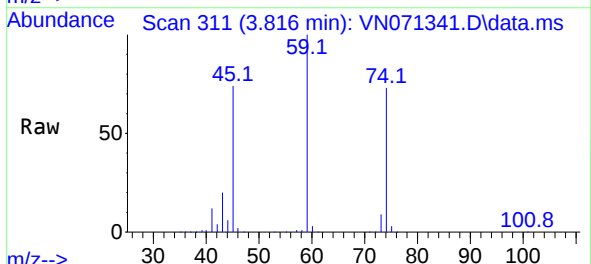
Tgt Ion:101 Resp: 1691280
Ion Ratio Lower Upper
101 100
103 63.8 50.1 75.1

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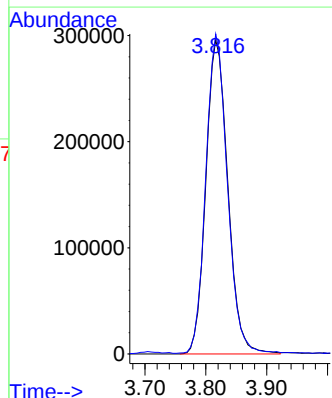
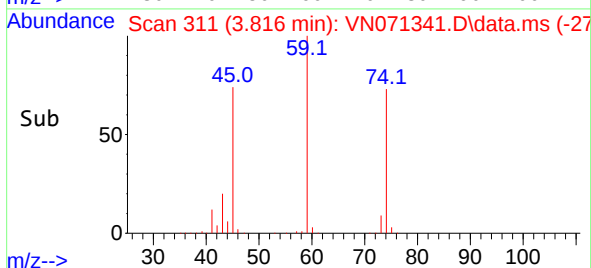
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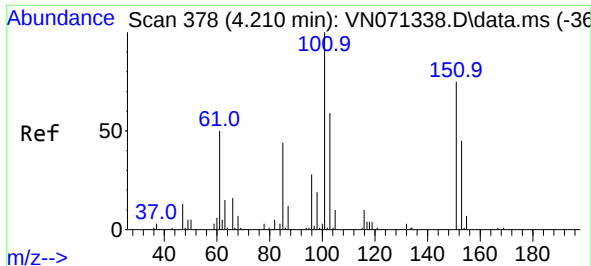


#8
Diethyl Ether
Concen: 170.473 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.012 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



Tgt Ion: 74 Resp: 741757
Ion Ratio Lower Upper
74 100
45 100.1 17.6 158.8





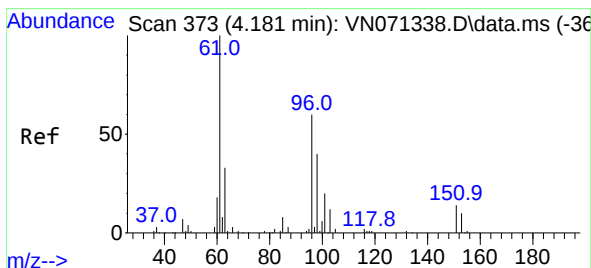
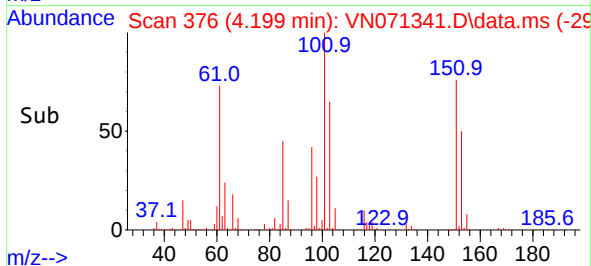
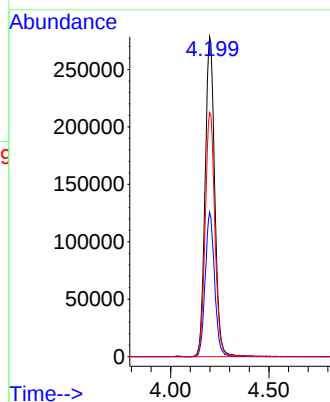
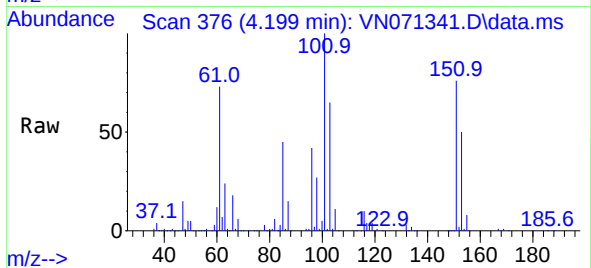
#9
1,1,2-Trichlorotrifluoroethane
Concen: 150.343 ug/l m
RT: 4.199 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 942609
Ion Ratio Lower Upper
101 100
85 0.0 0.0 94.0
151 0.0 0.0 74.6

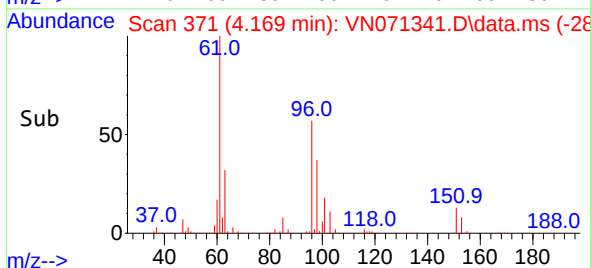
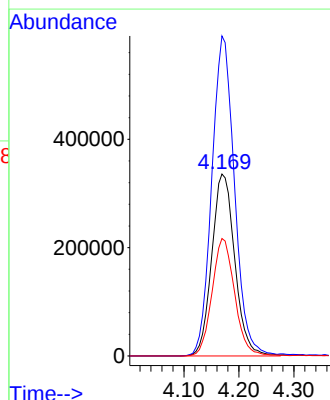
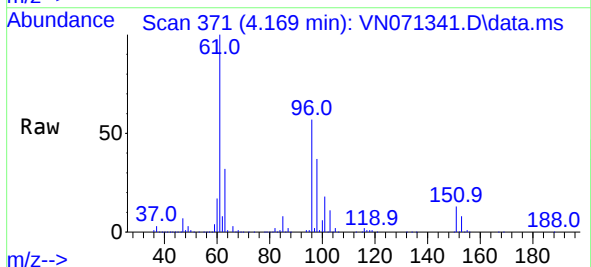
Manual Integrations
APPROVED

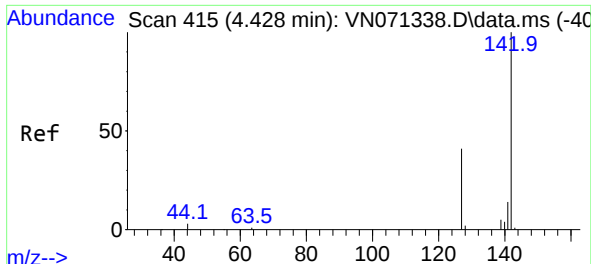
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#10
1,1-Dichloroethene
Concen: 161.651 ug/l
RT: 4.169 min Scan# 371
Delta R.T. -0.012 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

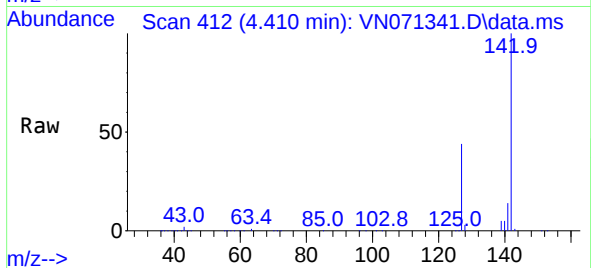
Tgt Ion: 96 Resp: 977982
Ion Ratio Lower Upper
96 100
61 175.9 126.2 189.4
98 64.6 50.9 76.3





#11
Methyl Iodide
Concen: 168.945 ug/l
RT: 4.410 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

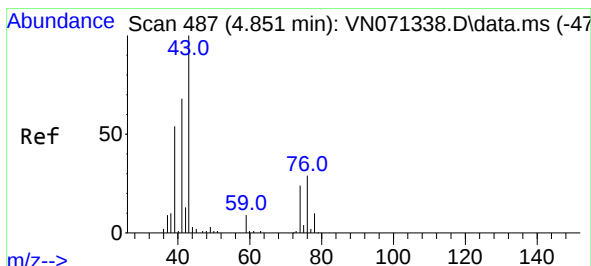
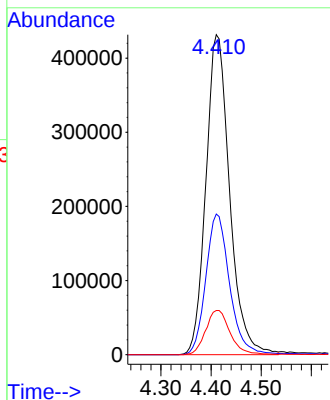
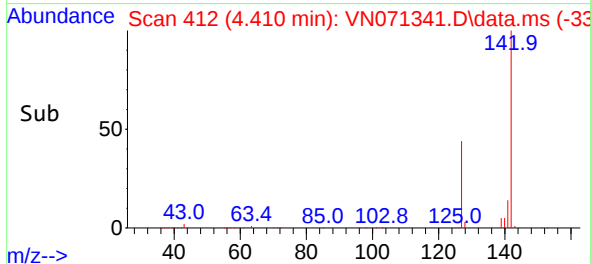
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 141926
Ion Ratio Lower Upper
142 100
127 43.9 24.0 72.0
141 13.8 8.4 25.2

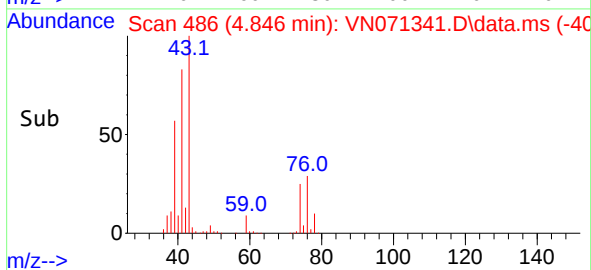
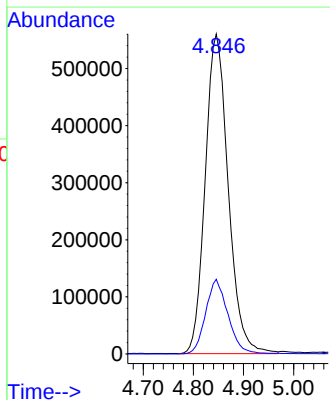
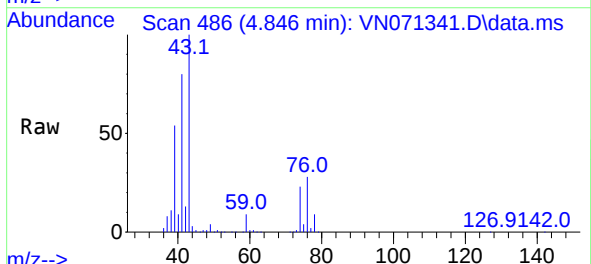
Manual Integrations
APPROVED

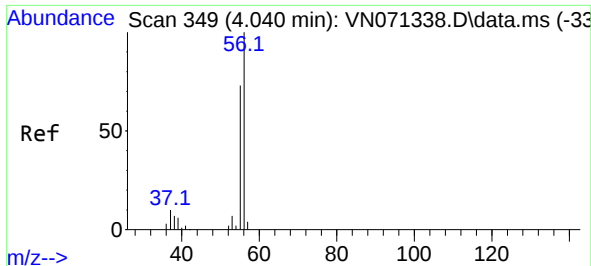
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#12
Methyl Acetate
Concen: 124.232 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

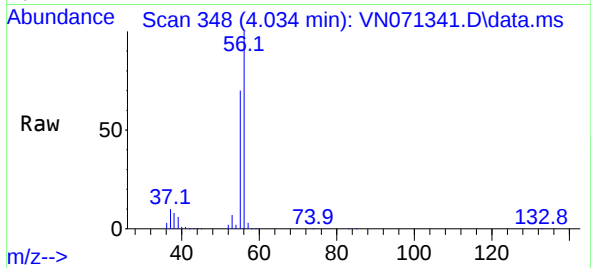
Tgt Ion: 43 Resp: 1785406
Ion Ratio Lower Upper
43 100
74 23.3 20.8 31.2





#13
Acrolein
Concen: 951.635 ug/l
RT: 4.034 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

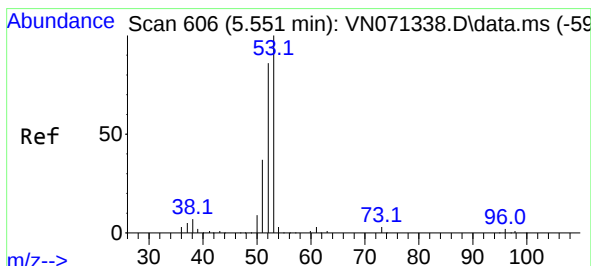
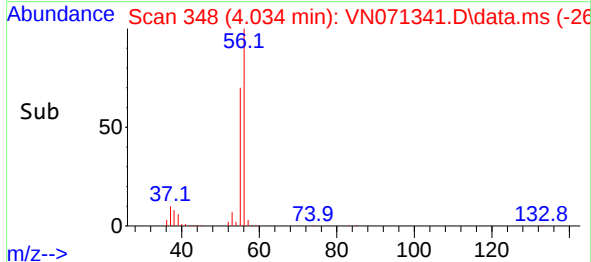
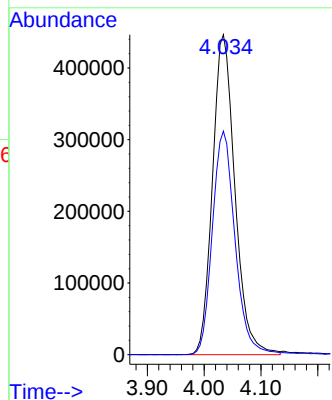
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 122524
Ion Ratio Lower Upper
56 100
55 70.4 57.6 86.4

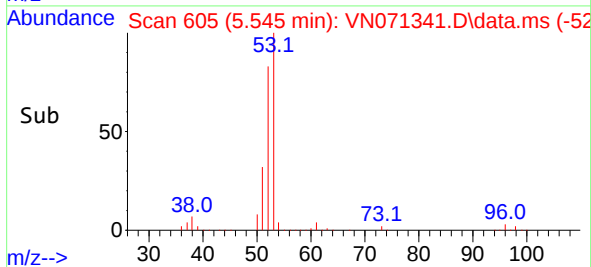
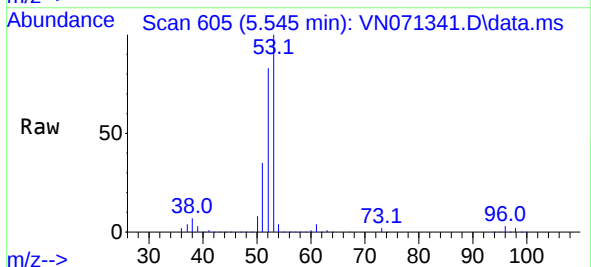
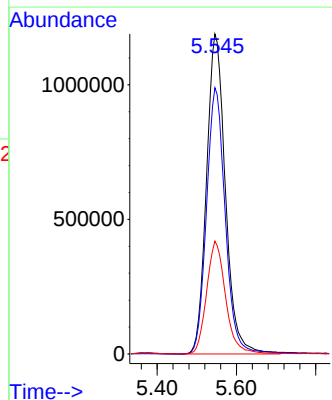
Manual Integrations
APPROVED

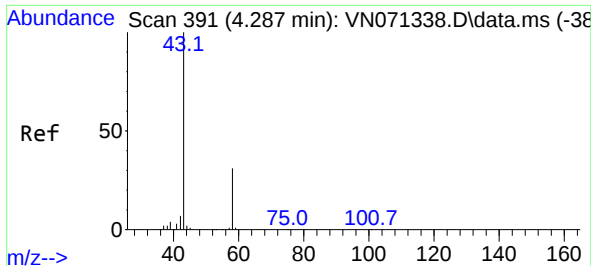
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#14
Acrylonitrile
Concen: 885.031 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

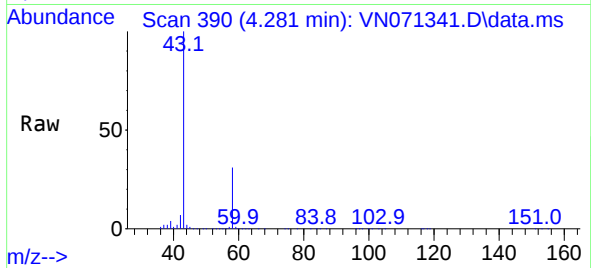
Tgt Ion: 53 Resp: 3931119
Ion Ratio Lower Upper
53 100
52 82.4 41.8 125.4
51 35.5 19.0 57.0





#15
Acetone
Concen: 694.571 ug/l
RT: 4.281 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

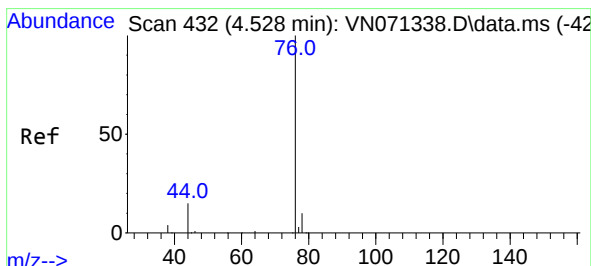
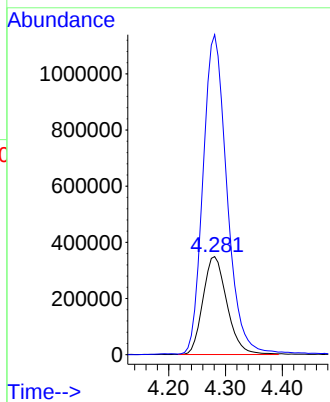
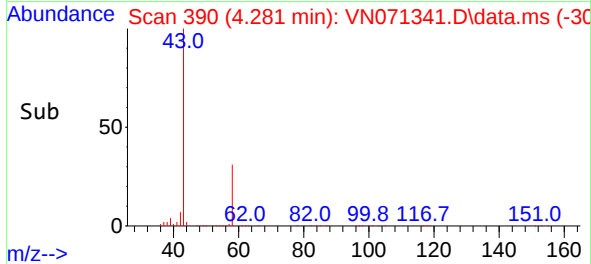
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 58 Resp: 102146
Ion Ratio Lower Upper
58 100
43 326.2 256.6 384.8

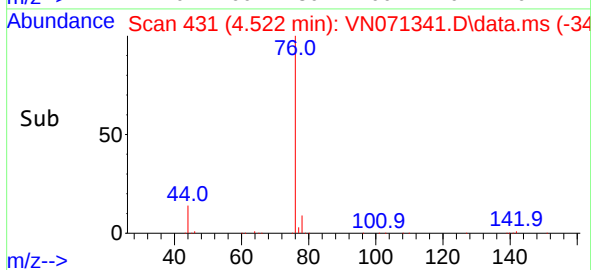
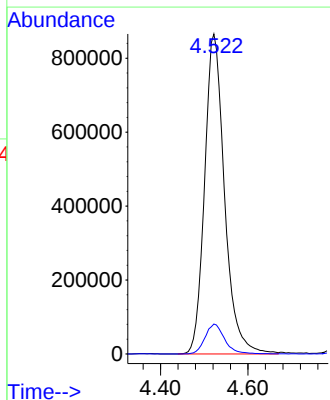
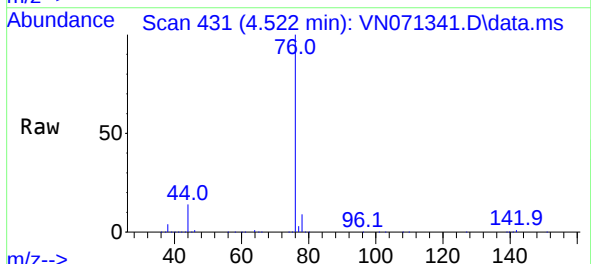
Manual Integrations
APPROVED

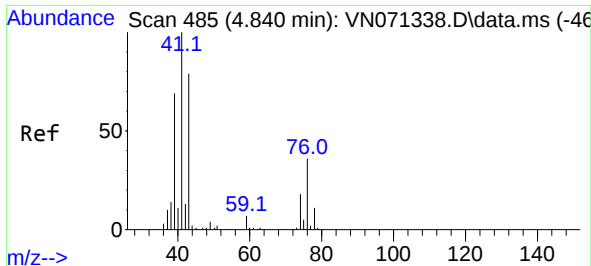
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#16
Carbon Disulfide
Concen: 154.790 ug/l
RT: 4.522 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

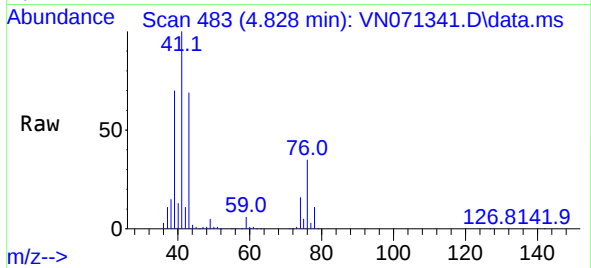
Tgt Ion: 76 Resp: 2748408
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8





#17
 Allyl chloride
 Concen: 153.330 ug/l
 RT: 4.828 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: VN071341.D
 Acq: 17 Mar 2022 01:39

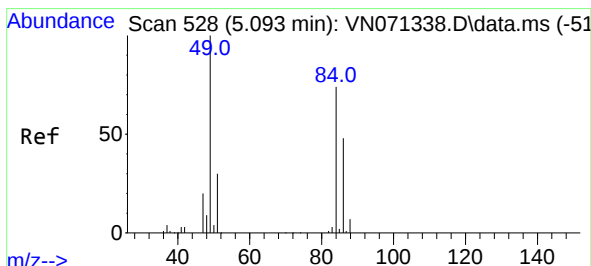
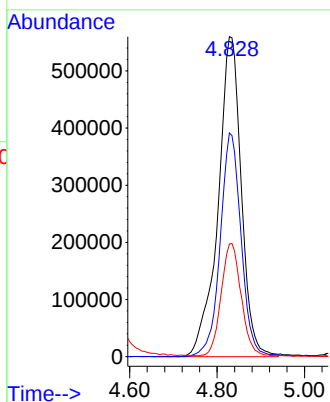
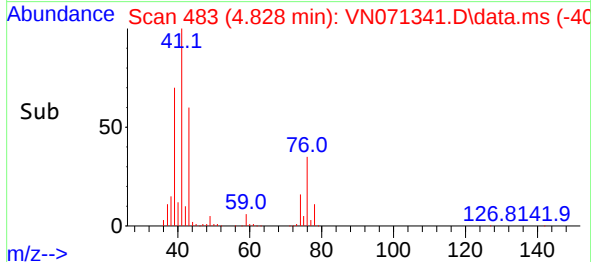
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



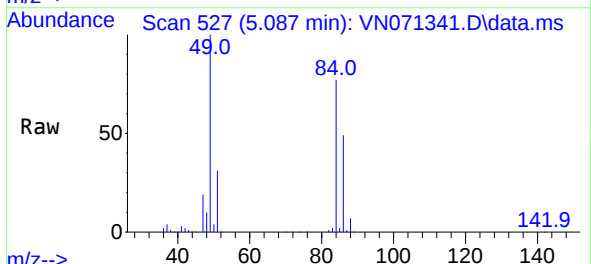
Tgt Ion: 41 Resp: 2063099
 Ion Ratio Lower Upper
 41 100
 39 69.9 44.6 134.0
 76 34.9 19.6 58.7

Manual Integrations
 APPROVED

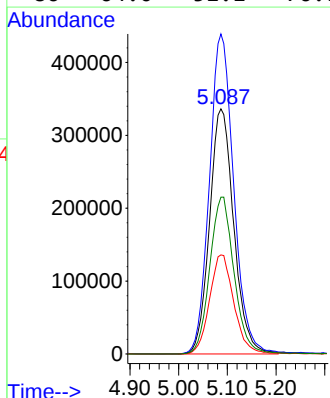
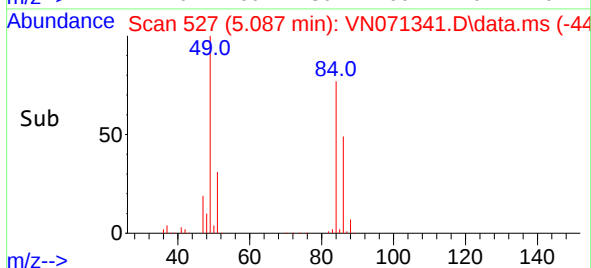
Reviewed By :John Carlone 03/17/2022
 Supervised By :Semsettin Yesilyurt 03/21/2022

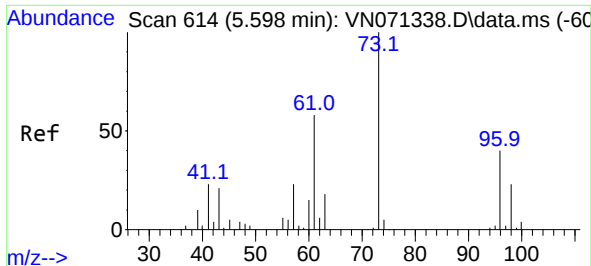


#18
 Methylene Chloride
 Concen: 158.468 ug/l
 RT: 5.087 min Scan# 527
 Delta R.T. -0.006 min
 Lab File: VN071341.D
 Acq: 17 Mar 2022 01:39



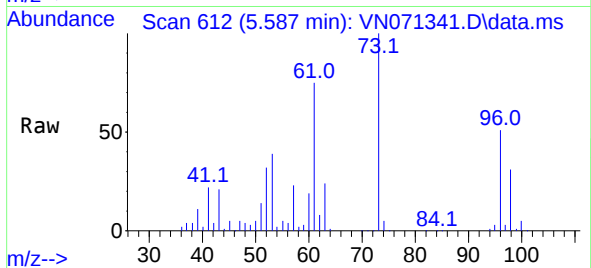
Tgt Ion: 84 Resp: 1161900
 Ion Ratio Lower Upper
 84 100
 49 130.5 91.4 137.0
 51 40.4 29.4 44.0
 86 64.0 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 161.568 ug/l
RT: 5.587 min Scan# 614
Delta R.T. -0.012 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

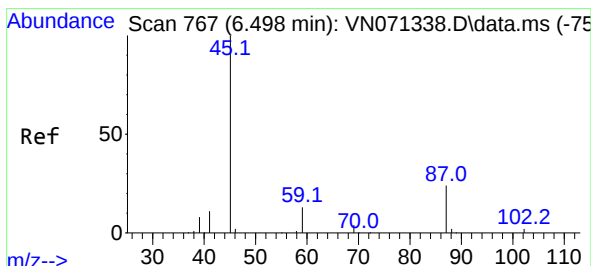
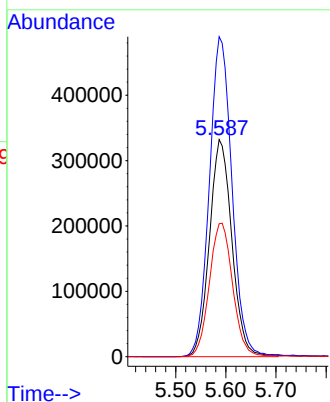
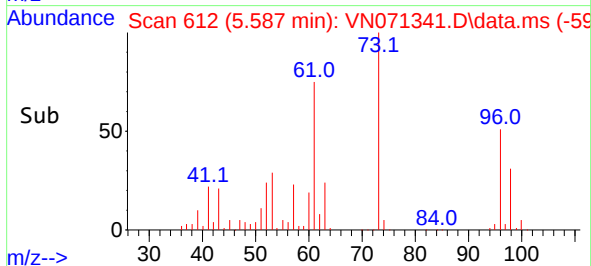
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



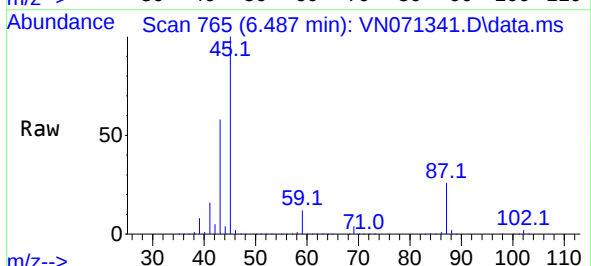
Tgt Ion: 96 Resp: 1034434
Ion Ratio Lower Upper
96 100
61 147.3 102.8 154.2
98 61.3 49.3 73.9

Manual Integrations
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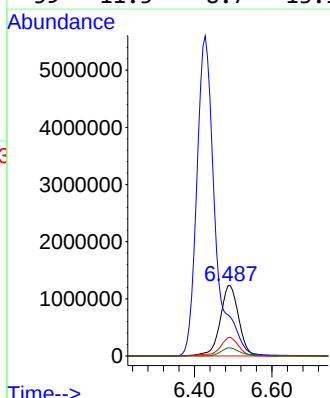
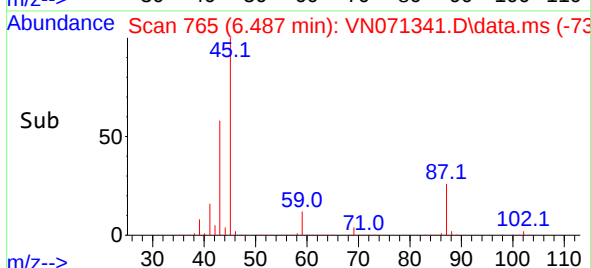
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

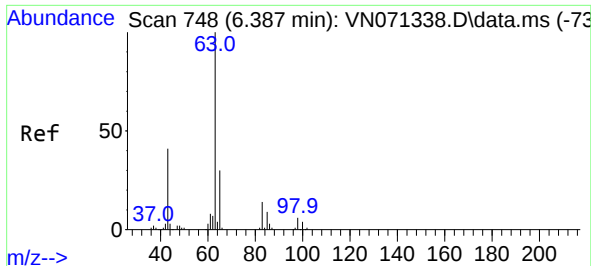


#20
Diisopropyl ether
Concen: 157.614 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.012 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



Tgt Ion: 45 Resp: 4073722
Ion Ratio Lower Upper
45 100
43 58.2 51.0 76.4
87 26.0 25.0 37.4
59 11.5 8.7 13.1





#21

1,1-Dichloroethane

Concen: 156.866 ug/l

RT: 6.381 min Scan# 74

Delta R.T. -0.006 min

Lab File: VN071341.D

Acq: 17 Mar 2022 01:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 215804

Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

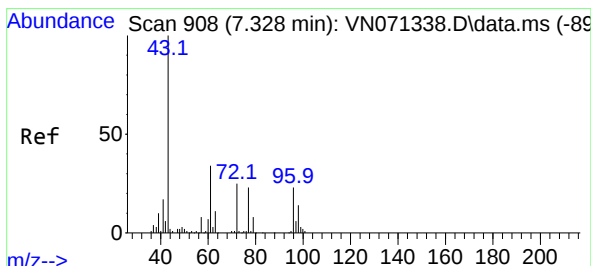
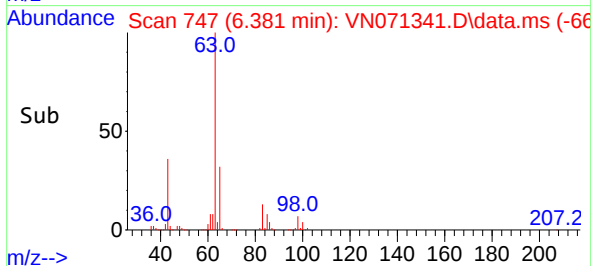
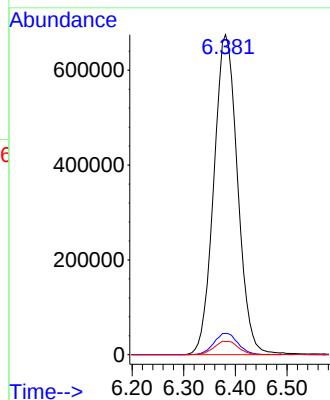
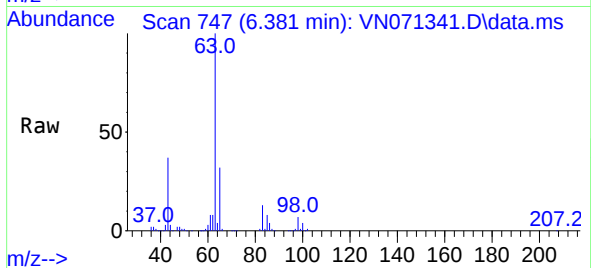
100 4.1 2.1 6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Semsettin Yesilyurt 03/21/2022



#22

cis-1,2-Dichloroethene

Concen: 162.998 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN071341.D

Acq: 17 Mar 2022 01:39

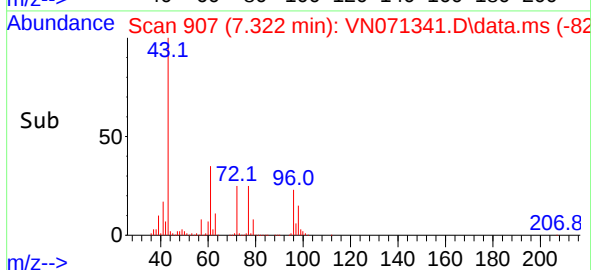
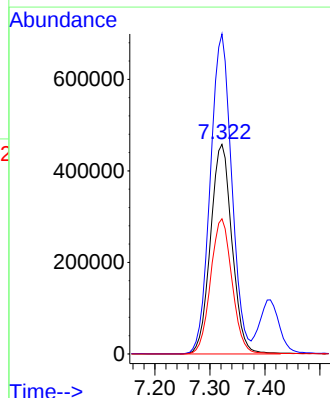
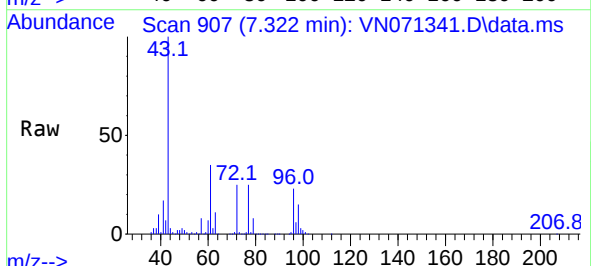
Tgt Ion: 96 Resp: 1247167

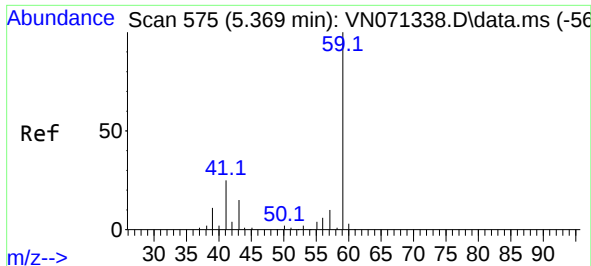
Ion Ratio Lower Upper

96 100

61 151.6 115.7 173.5

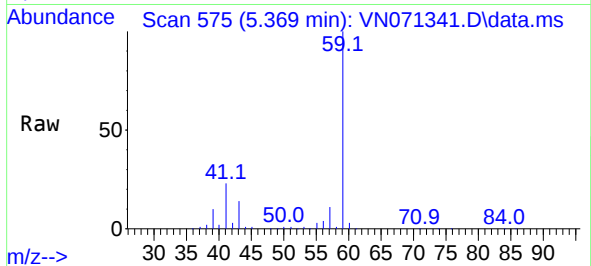
98 64.2 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 1048.577 ug/l
RT: 5.369 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

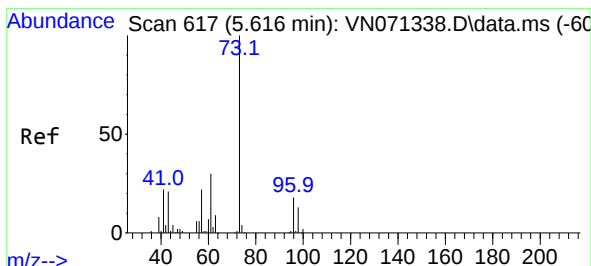
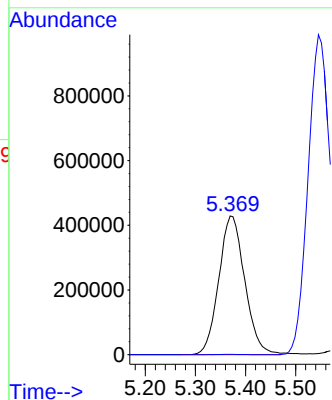
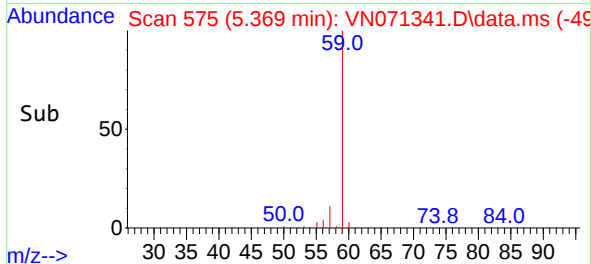
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



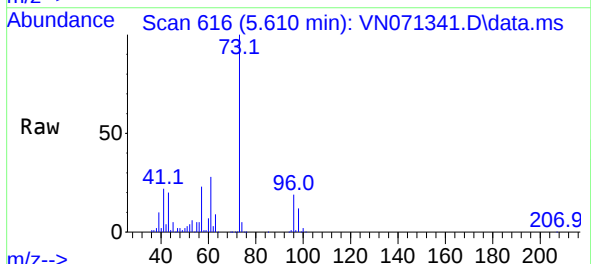
Tgt Ion: 59 Resp: 1541680
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
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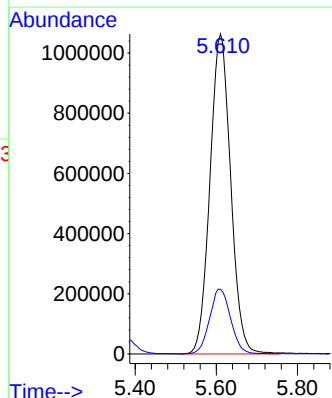
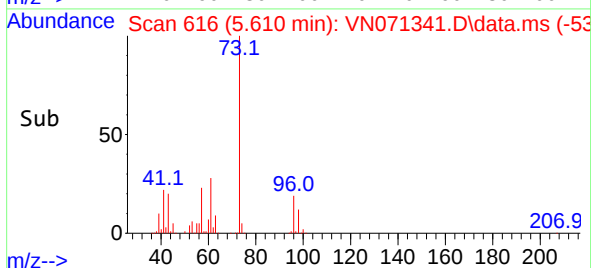
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

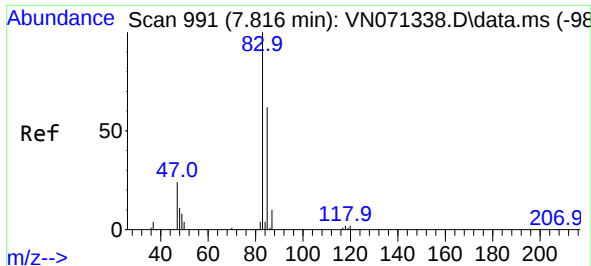


#24
Methyl tert-Butyl Ether
Concen: 171.749 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



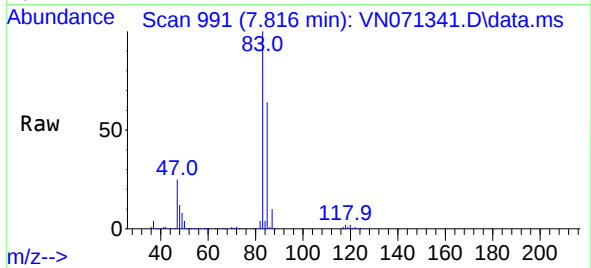
Tgt Ion: 73 Resp: 3762870
Ion Ratio Lower Upper
73 100
43 20.4 18.1 27.1





#25
Chloroform
Concen: 150.078 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

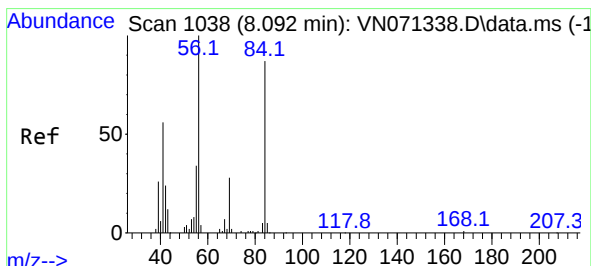
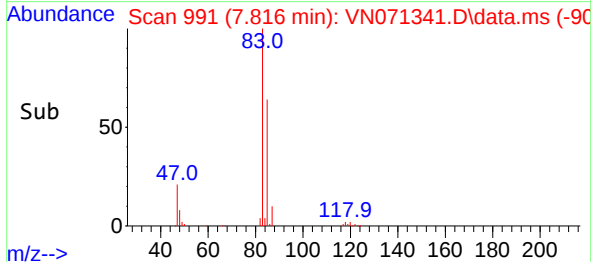
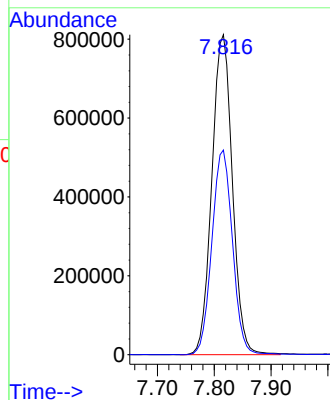
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 2034879
Ion Ratio Lower Upper
83 100
85 64.0 51.3 76.9

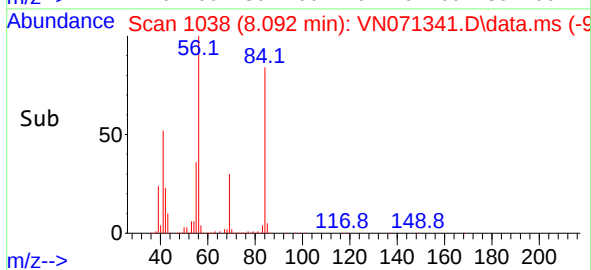
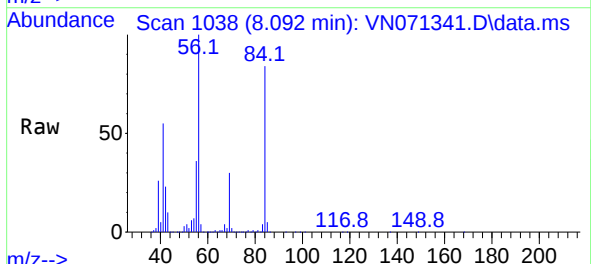
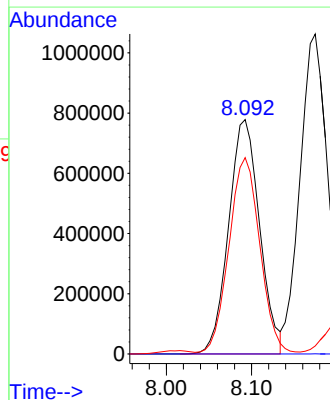
Manual Integrations
APPROVED

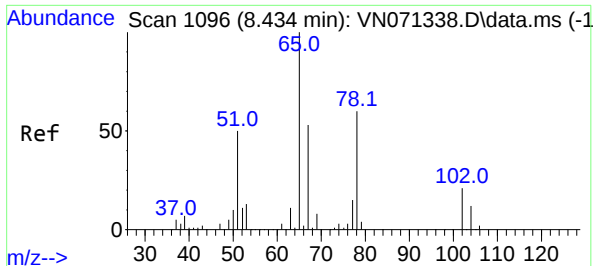
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#26
Cyclohexane
Concen: 156.124 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Tgt Ion: 56 Resp: 1969709
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 84.0 74.6 111.8





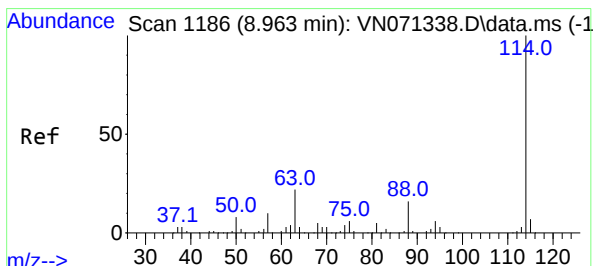
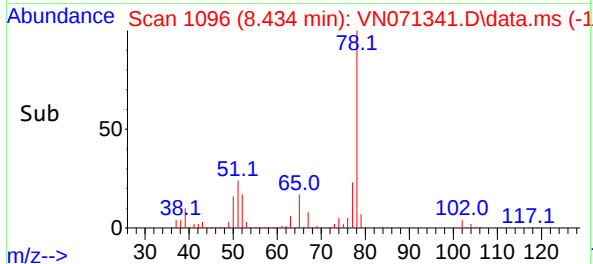
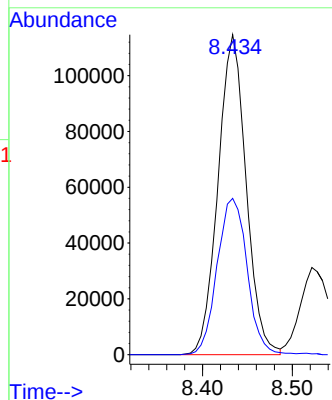
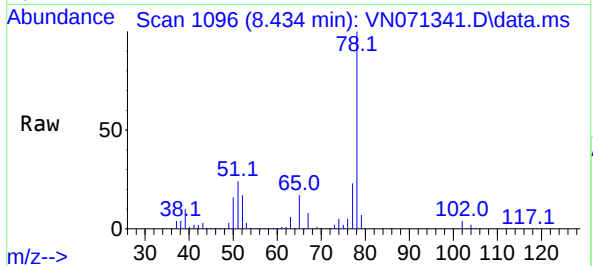
#27
1,2-Dichloroethane-d4
Concen: 27.220 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 24939
Ion Ratio Lower Upper
65 100
67 52.1 40.2 60.2

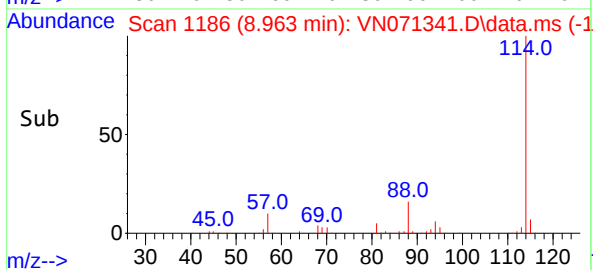
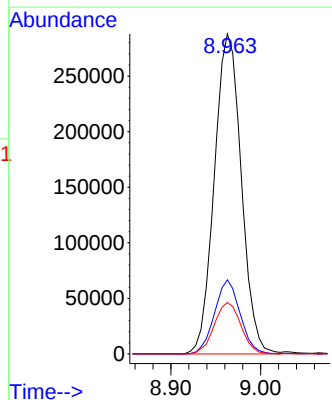
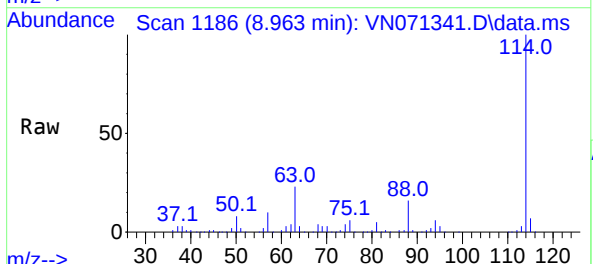
Manual Integrations
APPROVED

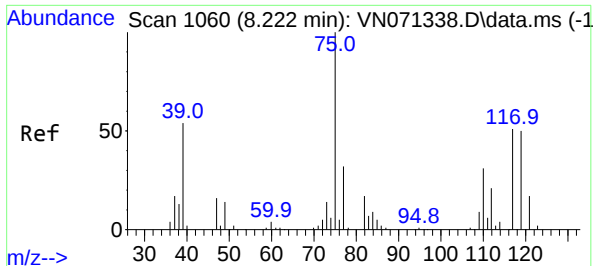
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Tgt Ion:114 Resp: 600367
Ion Ratio Lower Upper
114 100
63 22.0 15.8 23.6
88 15.9 11.6 17.4





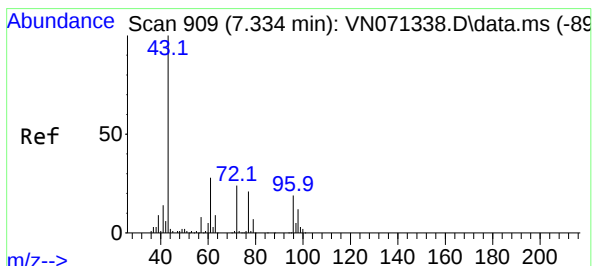
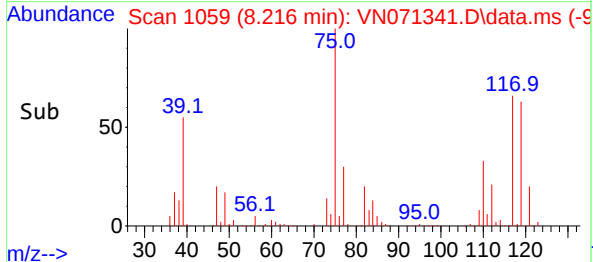
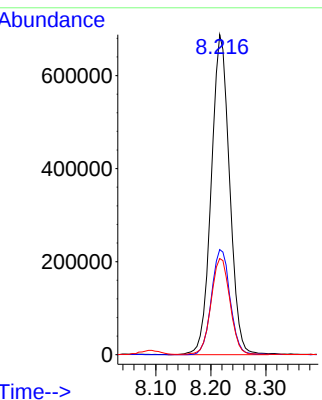
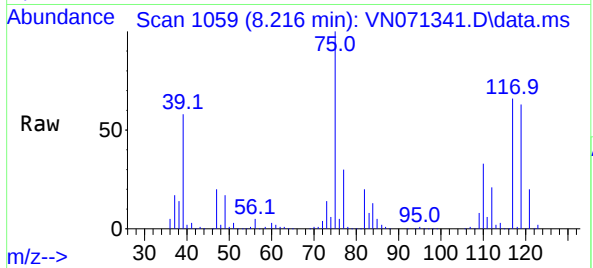
#29
1,1-Dichloropropene
Concen: 155.266 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 1591290
Ion Ratio Lower Upper
75 100
110 33.3 0.0 74.2
77 30.7 0.0 63.2

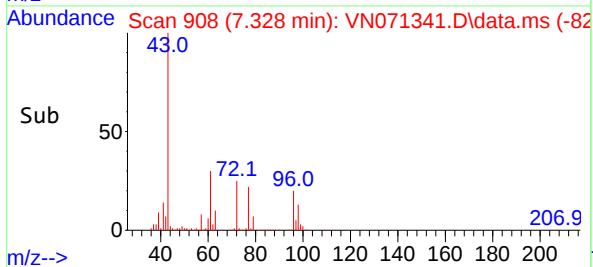
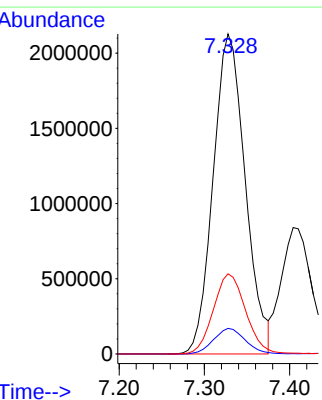
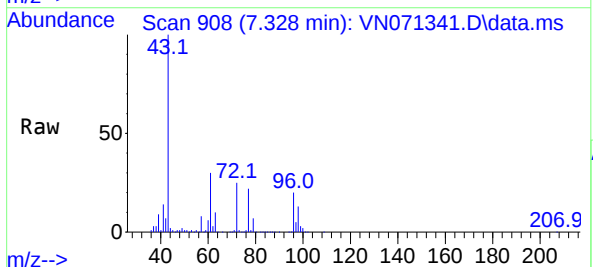
Manual Integrations
APPROVED

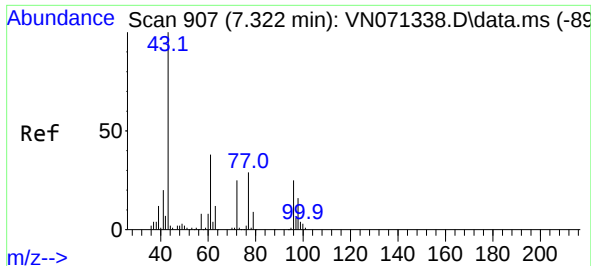
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#30
2-Butanone
Concen: 784.845 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

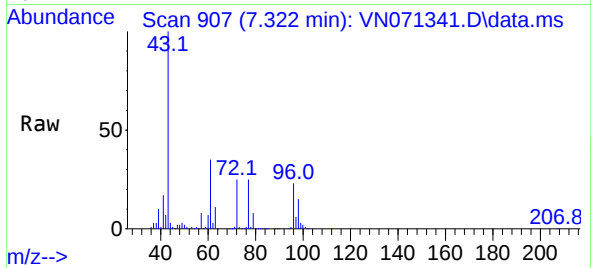
Tgt Ion: 43 Resp: 5566295
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 25.3 23.2 34.8





#31
2,2-Dichloropropane
Concen: 134.842 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

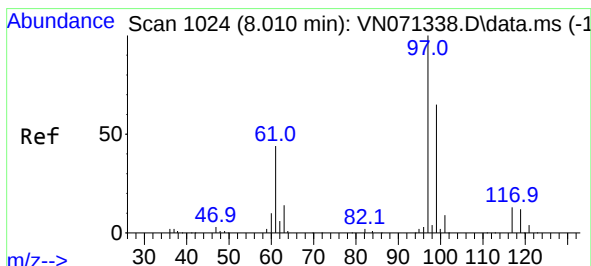
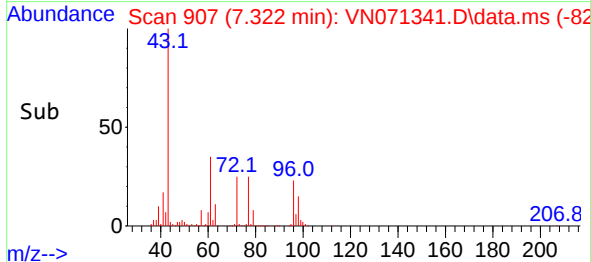
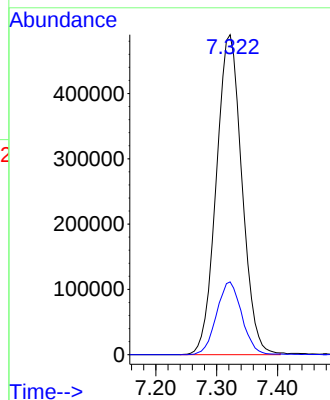
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 77 Resp: 1434129
Ion Ratio Lower Upper
77 100
97 22.3 18.3 27.5

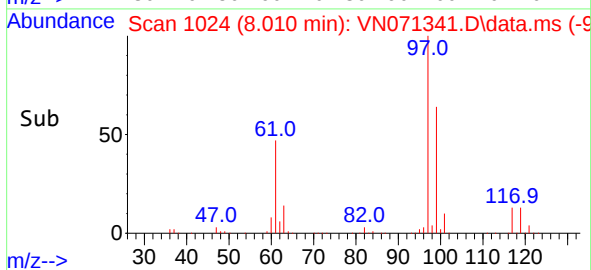
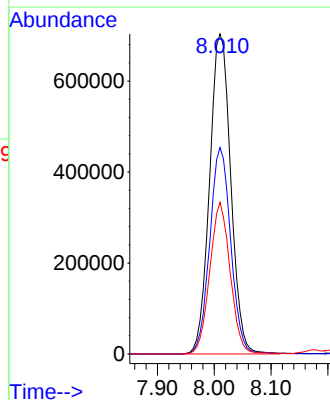
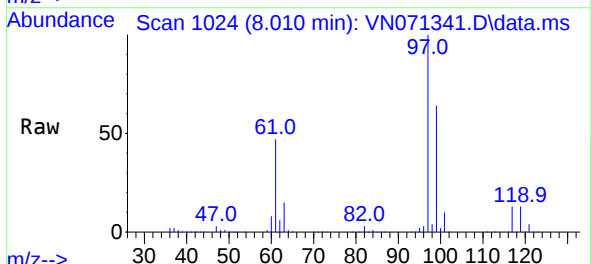
Manual Integrations
APPROVED

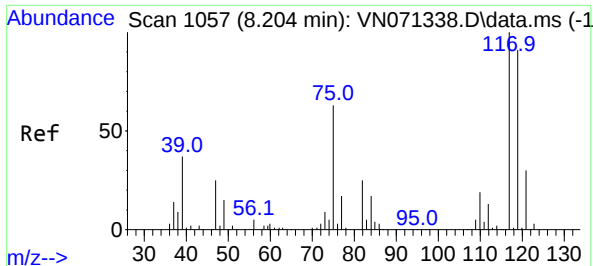
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#32
1,1,1-Trichloroethane
Concen: 152.067 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

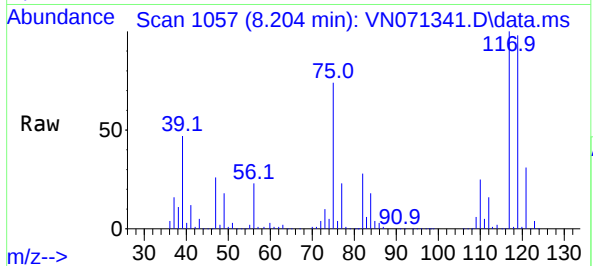
Tgt Ion: 97 Resp: 1821956
Ion Ratio Lower Upper
97 100
99 64.0 50.4 75.6
61 45.5 34.6 51.8





#33
Carbon Tetrachloride
Concen: 149.952 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

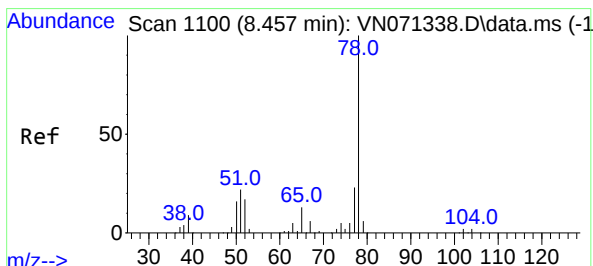
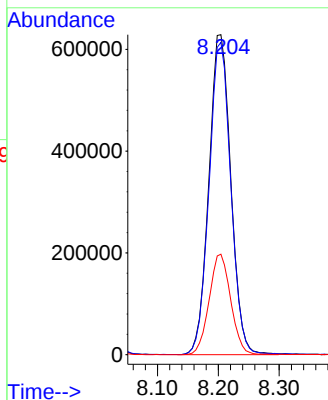
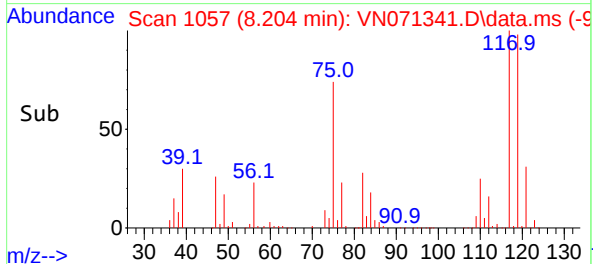
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



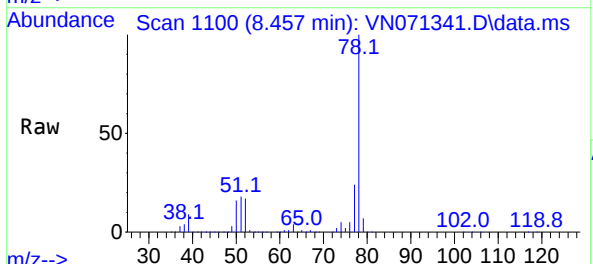
Tgt Ion: 117 Resp: 1578598
Ion Ratio Lower Upper
117 100
119 97.6 77.5 116.3
121 31.4 23.5 35.3

Manual Integrations
APPROVED

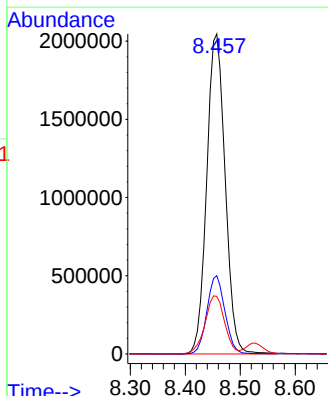
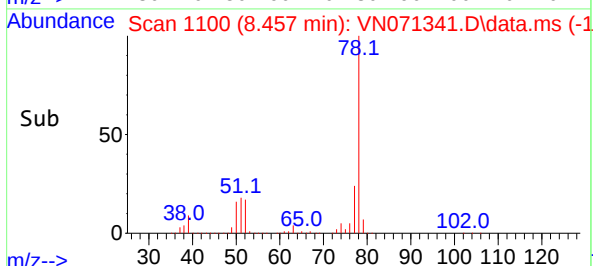
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

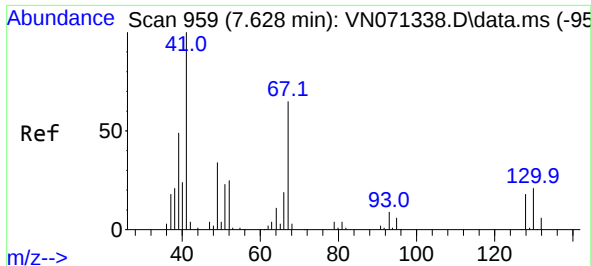


#34
Benzene
Concen: 155.291 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



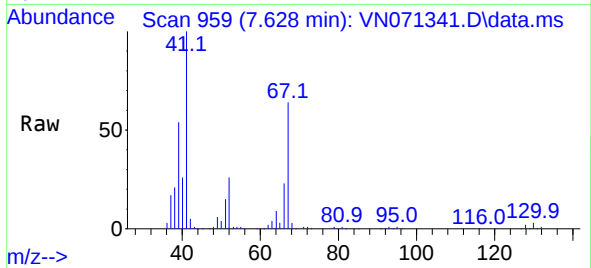
Tgt Ion: 78 Resp: 4768082
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7
51 18.0 16.0 24.0





#35
Methacrylonitrile
Concen: 155.609 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

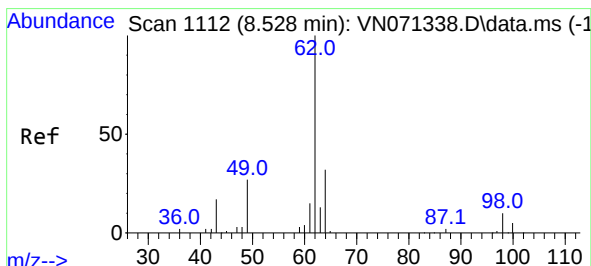
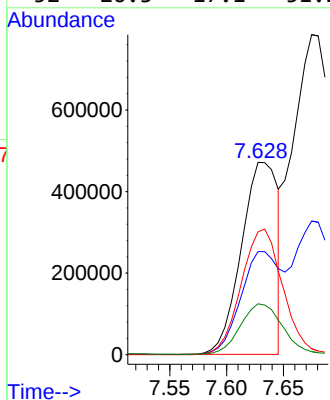
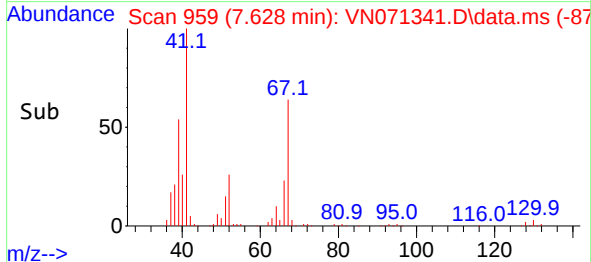
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



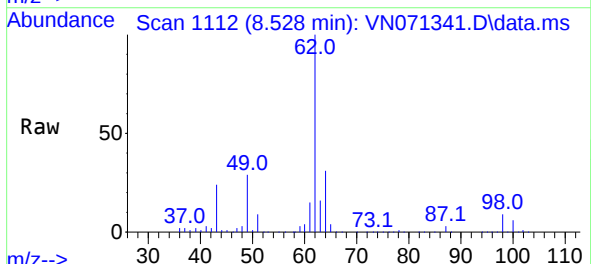
Tgt Ion: 41 Resp: 105121
Ion Ratio Lower Upper
41 100
39 53.6 28.0 83.9
67 64.0 37.7 113.1
52 26.3 17.1 51.2

Manual Integrations
APPROVED

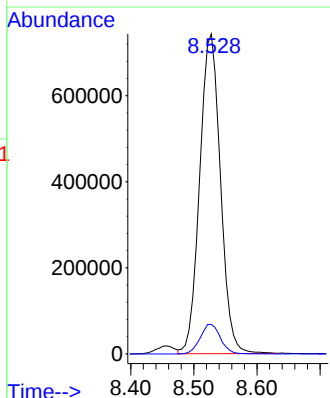
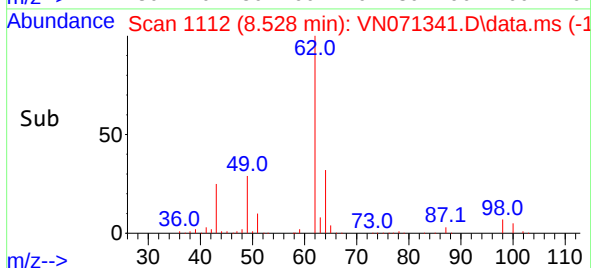
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

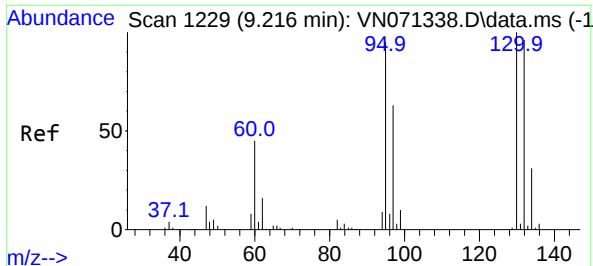


#36
1,2-Dichloroethane
Concen: 142.407 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



Tgt Ion: 62 Resp: 1695506
Ion Ratio Lower Upper
62 100
98 9.1 6.6 10.0





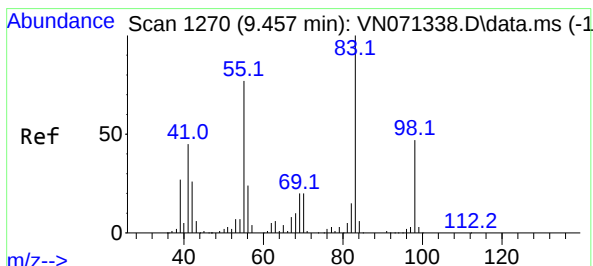
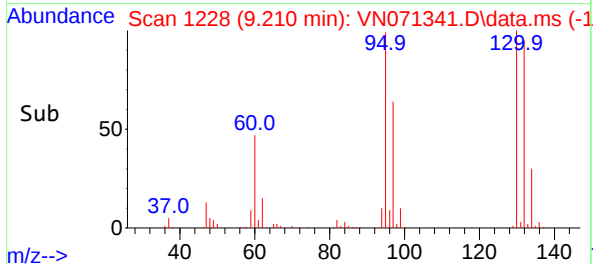
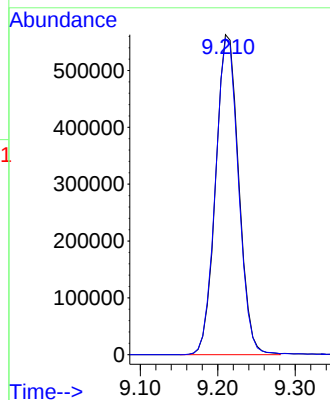
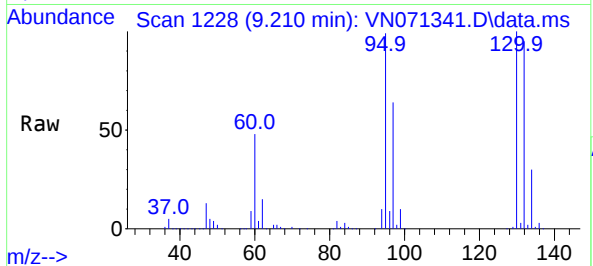
#37
Trichloroethene
Concen: 159.620 ug/l
RT: 9.210 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:130 Resp: 1163294
Ion Ratio Lower Upper
130 100
95 98.7 76.6 115.0

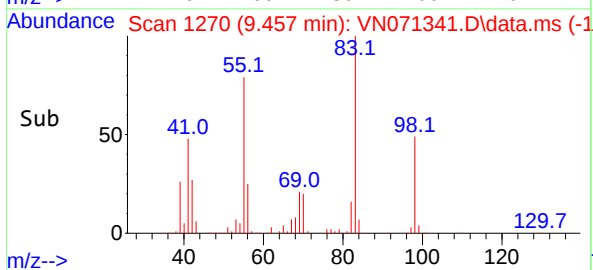
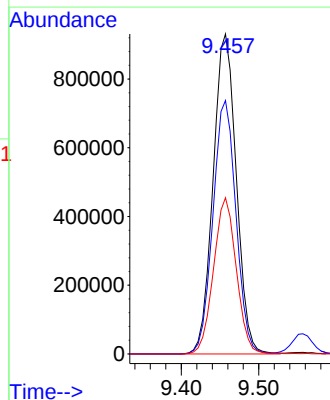
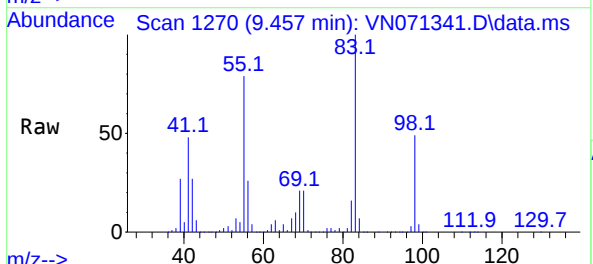
Manual Integrations
APPROVED

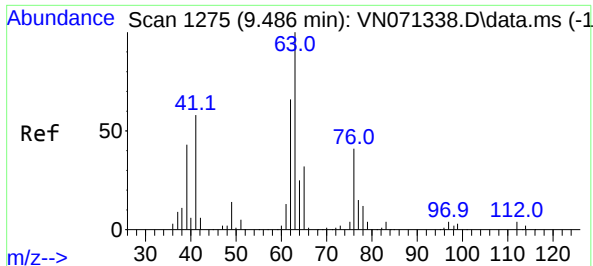
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#38
Methylcyclohexane
Concen: 158.383 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

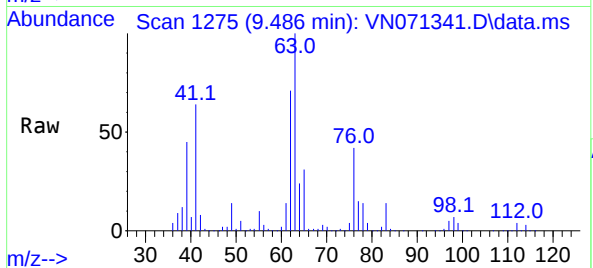
Tgt Ion: 83 Resp: 1936948
Ion Ratio Lower Upper
83 100
55 78.7 35.1 105.3
98 47.9 23.4 70.2





#39
1,2-Dichloropropane
Concen: 156.403 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

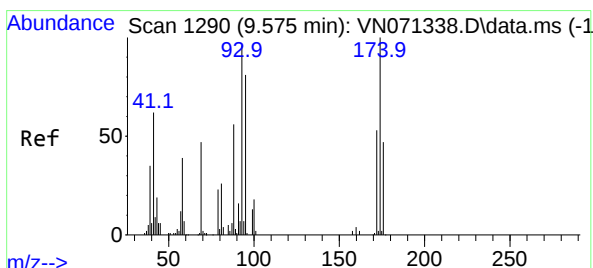
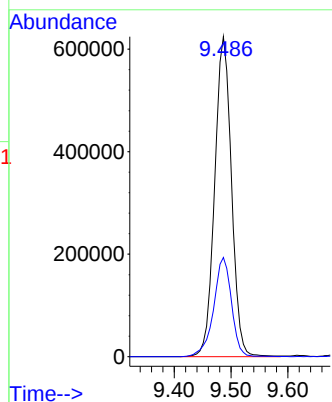
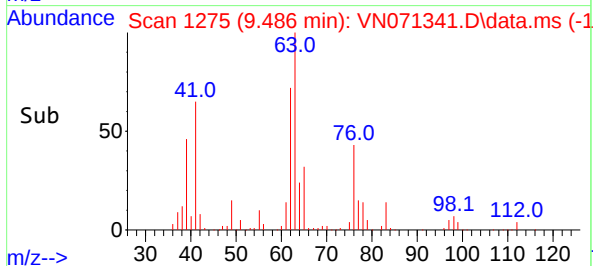
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



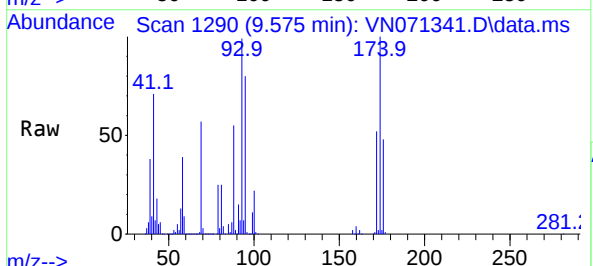
Tgt Ion: 63 Resp: 128104
Ion Ratio Lower Upper
63 100
65 31.0 24.2 36.4

Manual Integrations
APPROVED

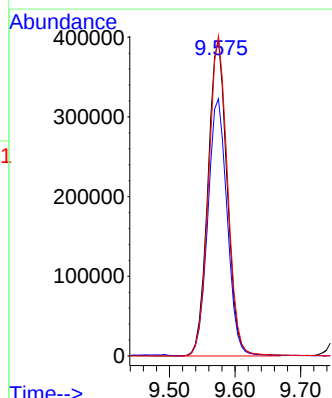
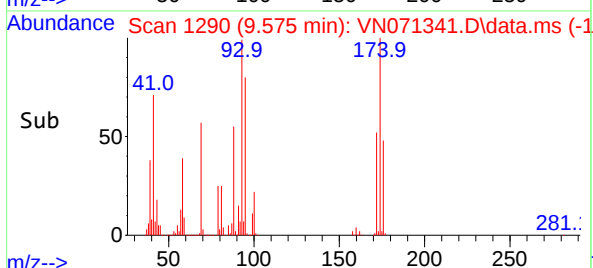
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

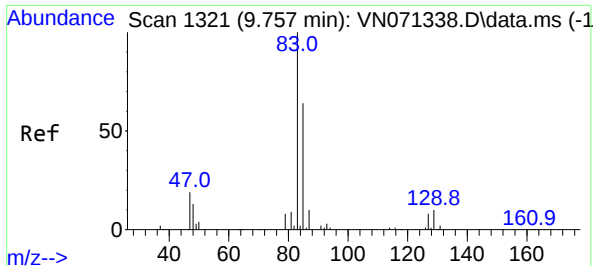


#40
Dibromomethane
Concen: 151.283 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



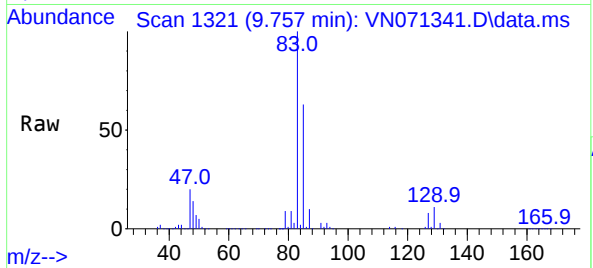
Tgt Ion: 93 Resp: 807585
Ion Ratio Lower Upper
93 100
95 81.8 0.0 168.8
174 99.8 0.0 173.6





#41
Bromodichloromethane
Concen: 149.035 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

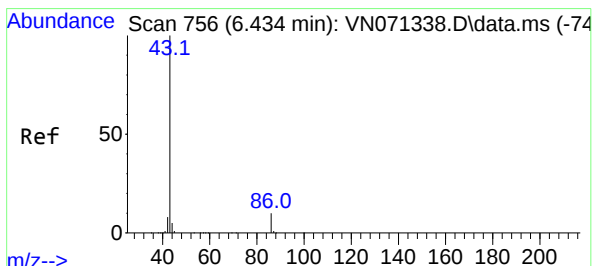
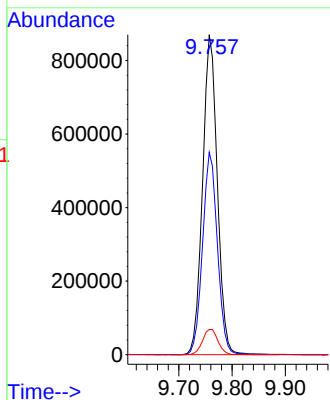
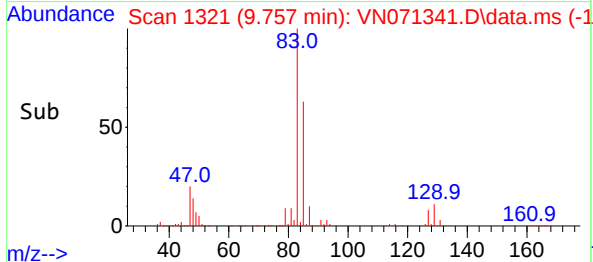
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



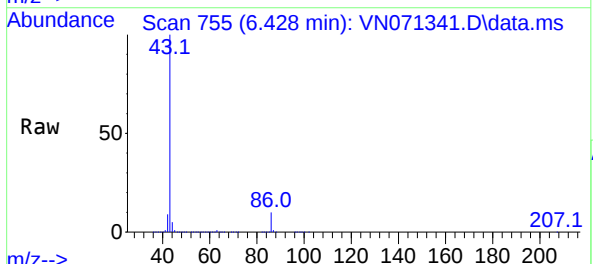
Tgt Ion: 83 Resp: 1669214
Ion Ratio Lower Upper
83 100
85 63.2 54.1 81.1
127 7.9 7.6 11.4

Manual Integrations
APPROVED

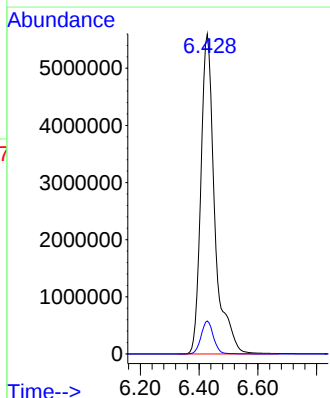
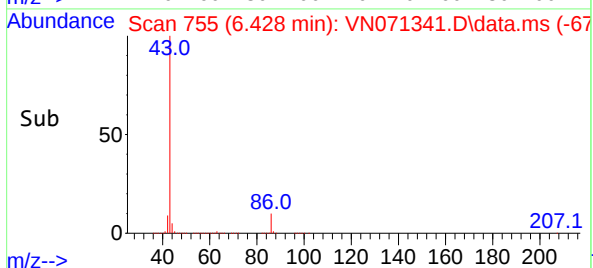
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

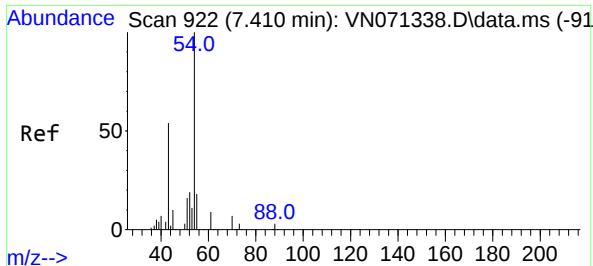


#42
Vinyl Acetate
Concen: 853.371 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



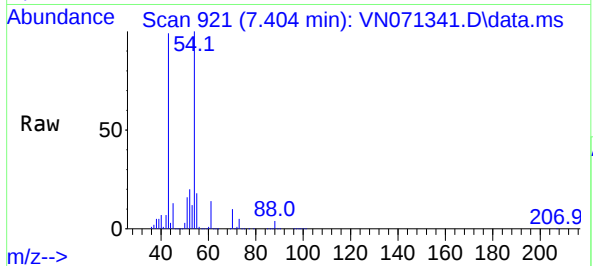
Tgt Ion: 43 Resp:18348528
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





#43
Ethyl Acetate
Concen: 165.269 ug/l
RT: 7.404 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

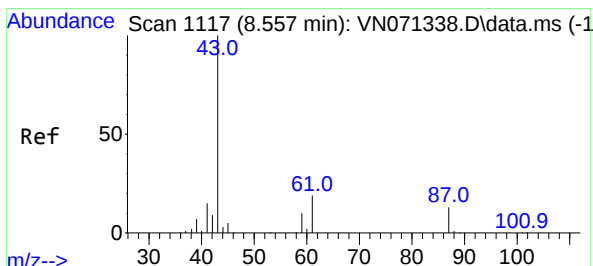
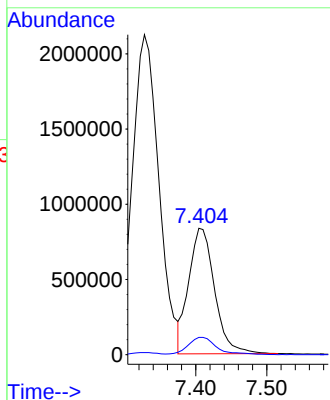
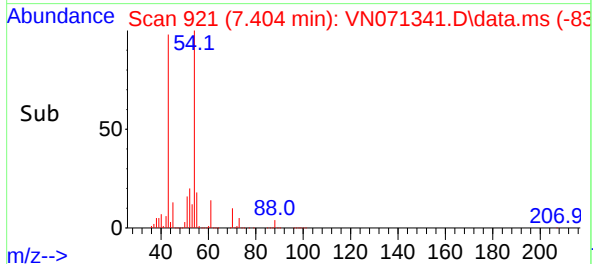
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



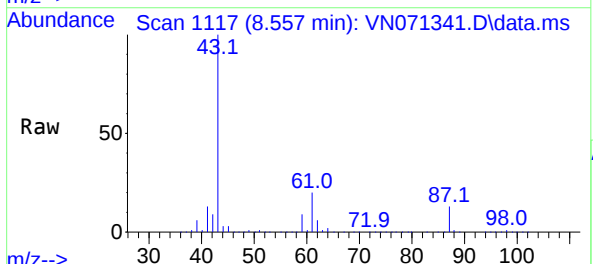
Tgt Ion: 43 Resp: 2113648
Ion Ratio Lower Upper
43 100
45 15.2 10.6 16.0

Manual Integrations
APPROVED

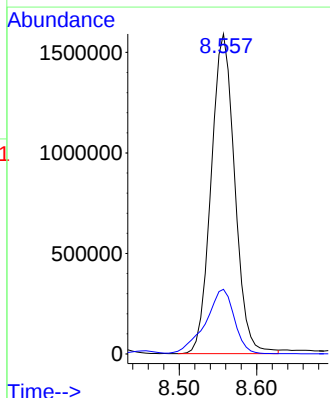
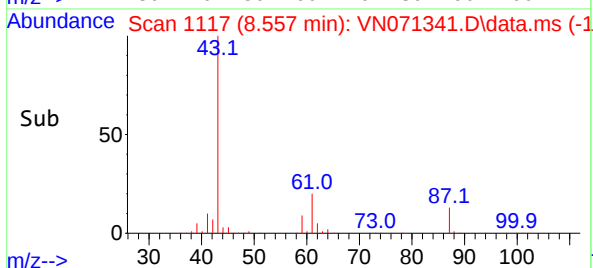
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

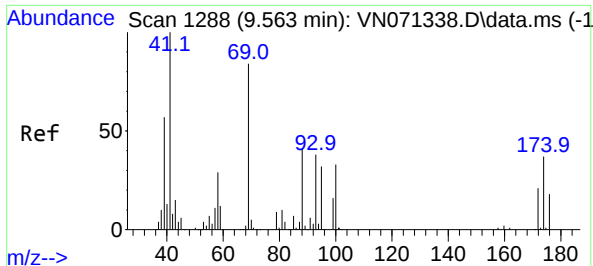


#44
Isopropyl Acetate
Concen: 165.001 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



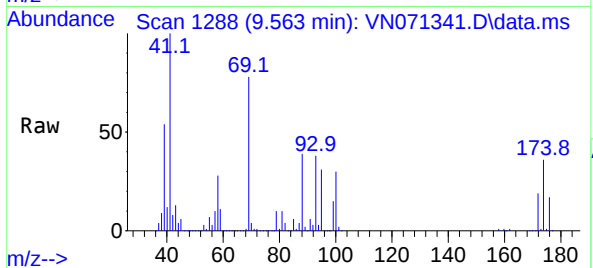
Tgt Ion: 43 Resp: 3374280
Ion Ratio Lower Upper
43 100
61 24.9 20.1 30.1





#45
1,4-Dioxane
Concen: 4071.783 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

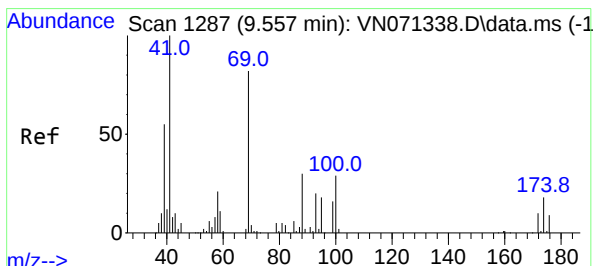
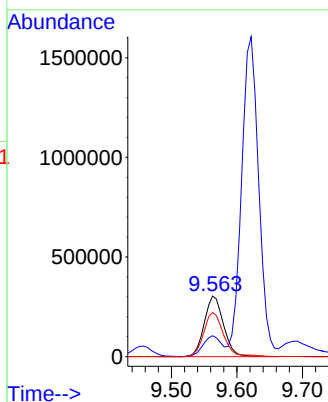
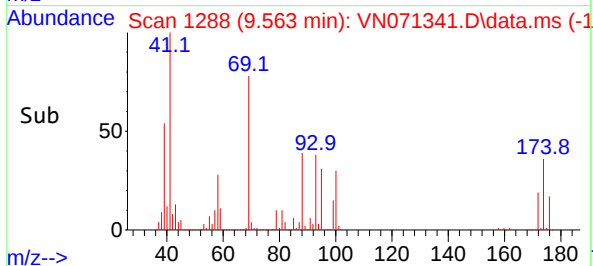
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



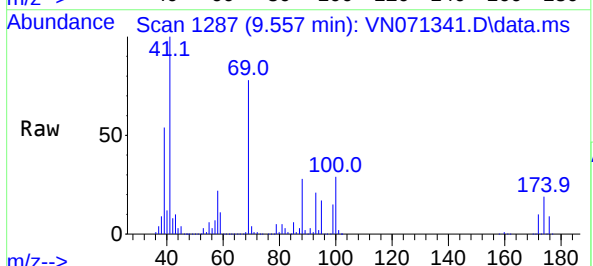
Tgt Ion: 88 Resp: 621172
Ion Ratio Lower Upper
88 100
43 31.7 25.0 37.6
58 74.9 49.4 74.2

Manual Integrations
APPROVED

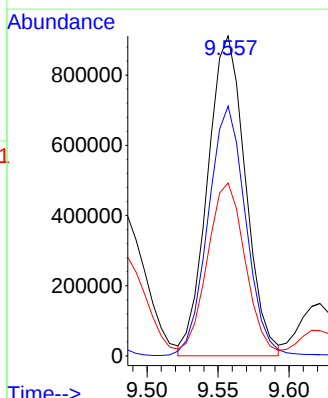
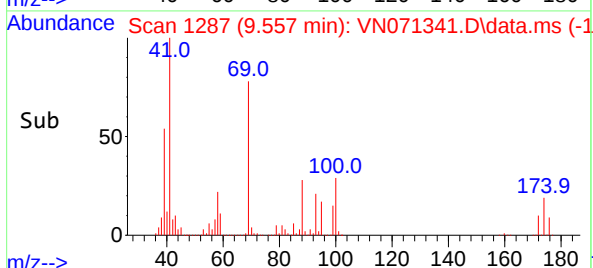
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

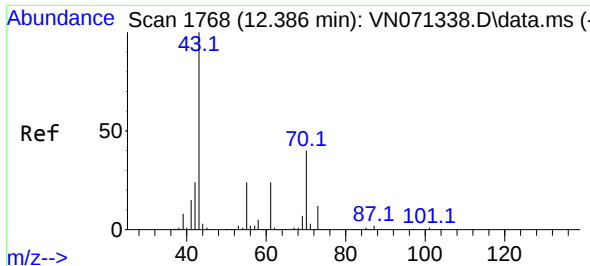


#46
Methyl methacrylate
Concen: 178.596 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



Tgt Ion: 41 Resp: 1686612
Ion Ratio Lower Upper
41 100
69 79.0 44.4 133.2
39 54.0 39.9 119.6





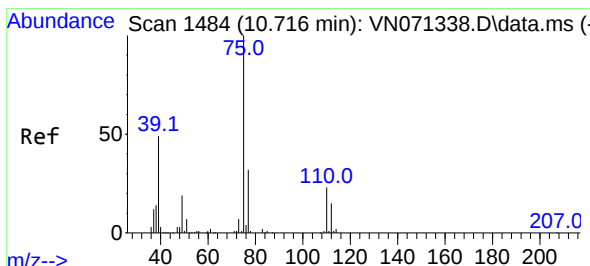
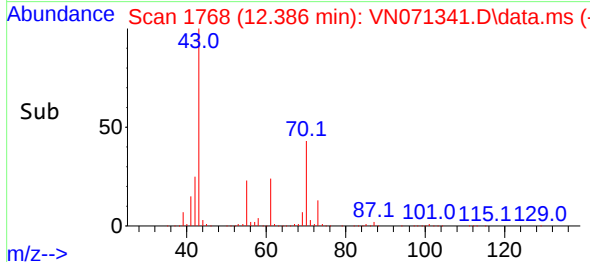
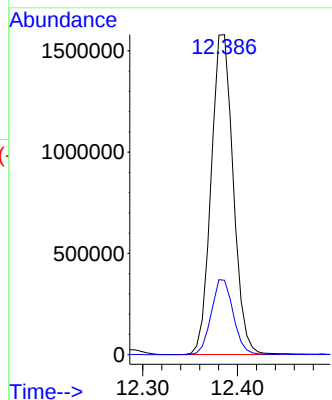
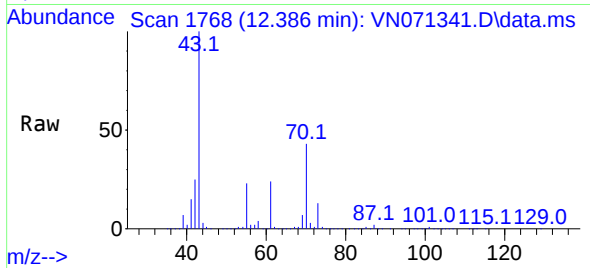
#47
n-amyl acetate
Concen: 179.224 ug/l
RT: 12.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2562544
Ion Ratio Lower Upper
43 100
55 23.5 19.0 28.6

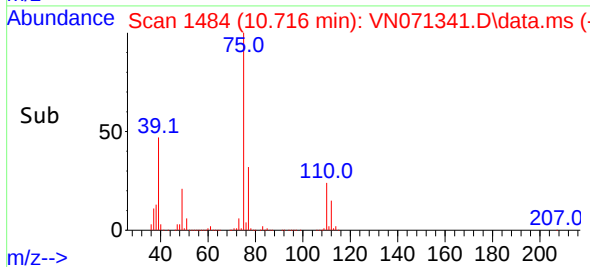
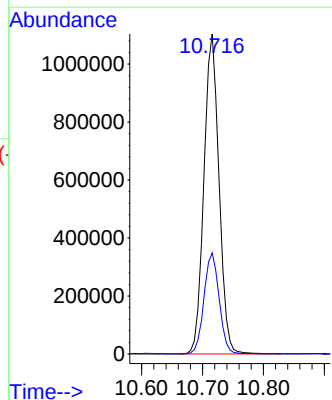
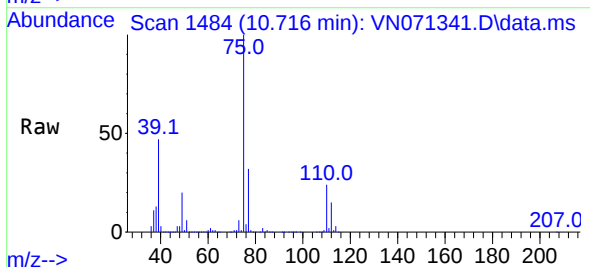
Manual Integrations
APPROVED

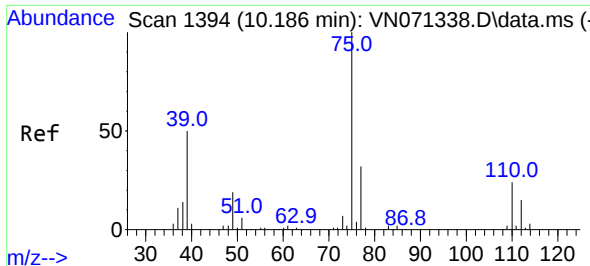
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#48
t-1,3-Dichloropropene
Concen: 165.335 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

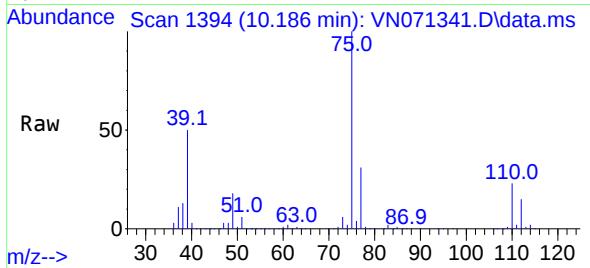
Tgt Ion: 75 Resp: 1901067
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 162.975 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

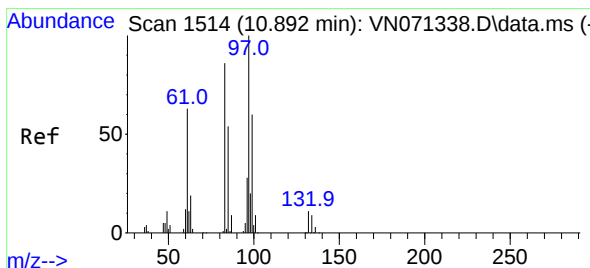
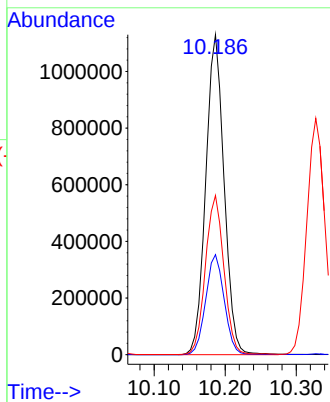
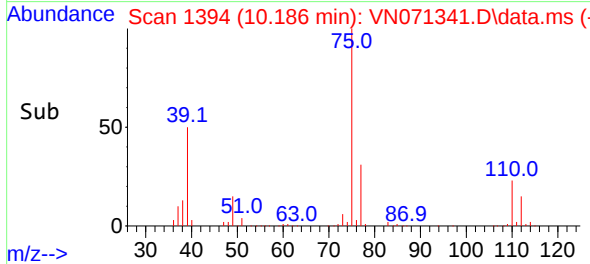
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



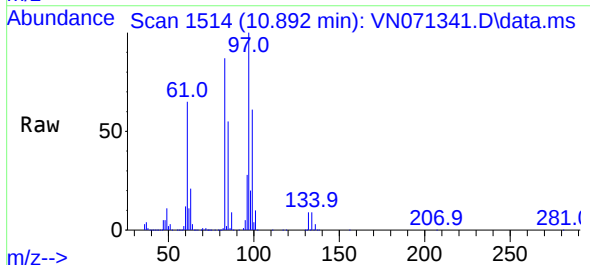
Tgt Ion: 75 Resp: 2030865
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 49.7 46.2 69.4

Manual Integrations
APPROVED

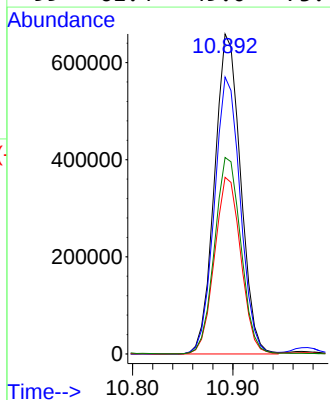
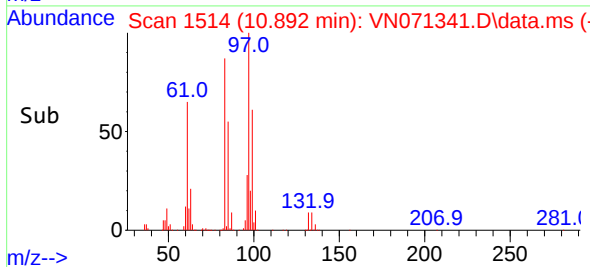
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

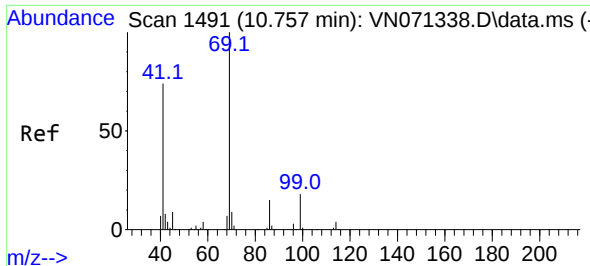


#50
1,1,2-Trichloroethane
Concen: 161.581 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



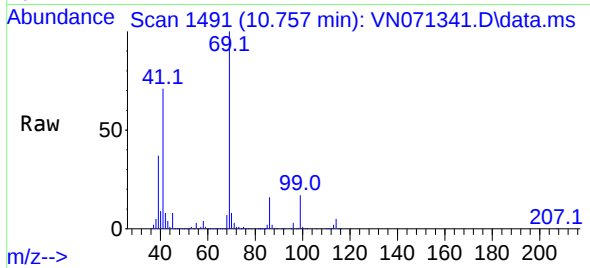
Tgt Ion: 97 Resp: 1187655
Ion Ratio Lower Upper
97 100
83 86.5 67.2 100.8
85 55.1 43.0 64.4
99 61.4 49.0 73.4





#51
Ethyl methacrylate
Concen: 183.565 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

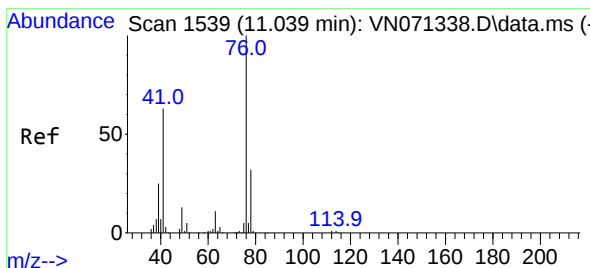
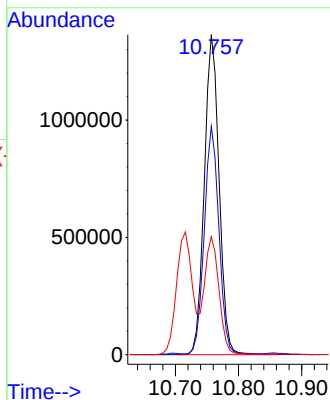
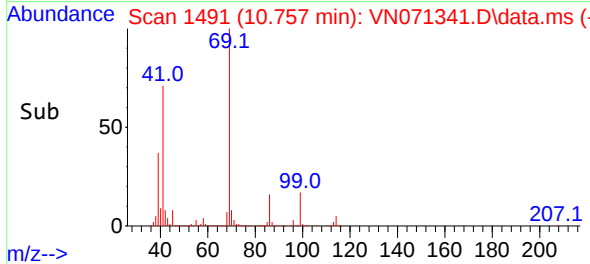
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



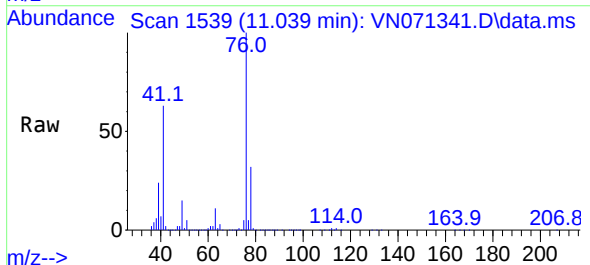
Tgt Ion: 69 Resp: 2212672
Ion Ratio Lower Upper
69 100
41 71.0 33.0 98.9
39 36.7 25.4 76.4

Manual Integrations
APPROVED

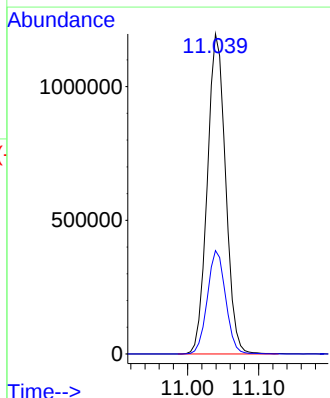
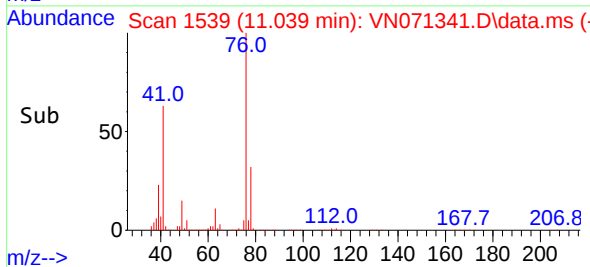
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

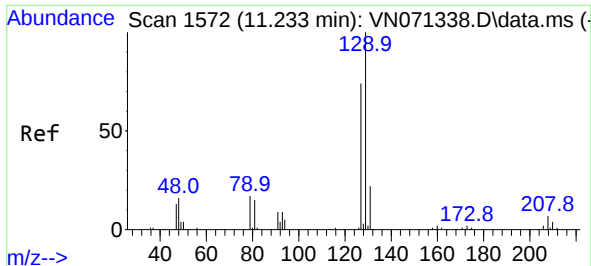


#52
1,3-Dichloropropane
Concen: 163.769 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



Tgt Ion: 76 Resp: 2141101
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





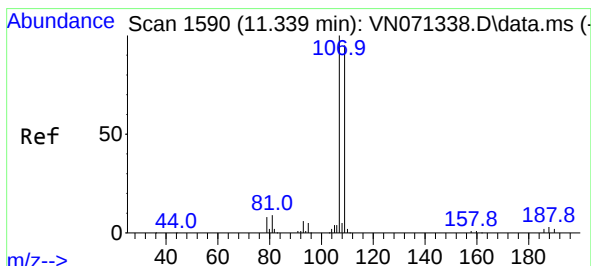
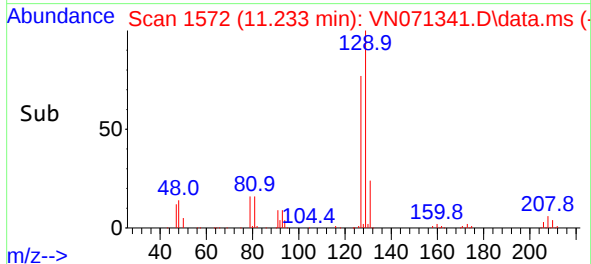
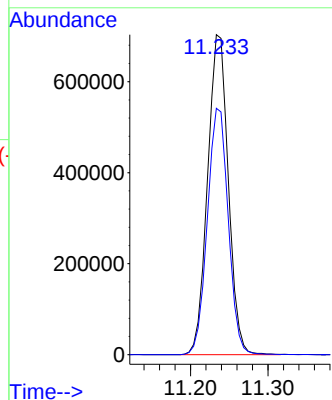
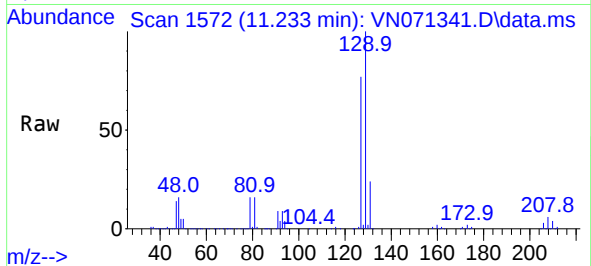
#53
Dibromochloromethane
Concen: 159.985 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 1305870
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

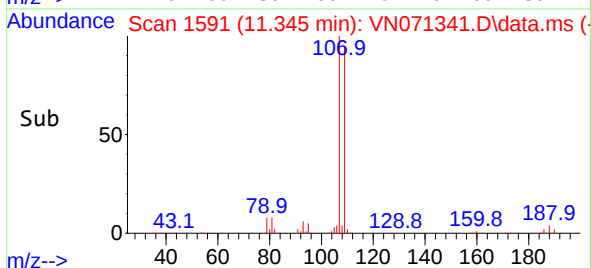
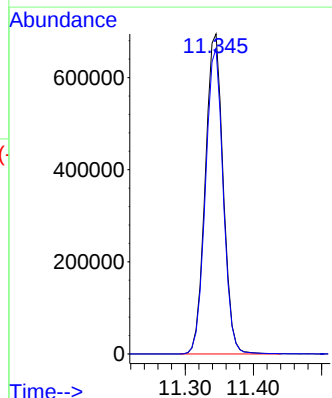
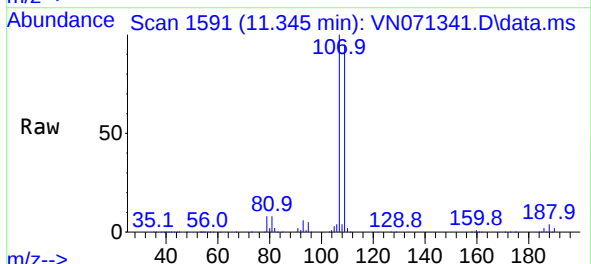
Manual Integrations
APPROVED

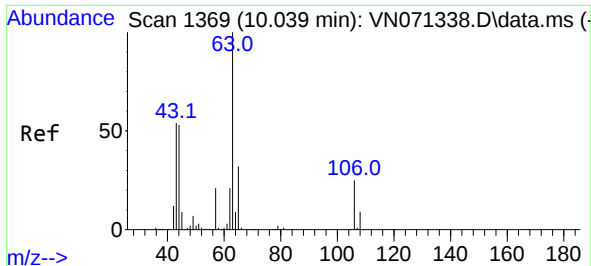
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#54
1,2-Dibromoethane
Concen: 167.854 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

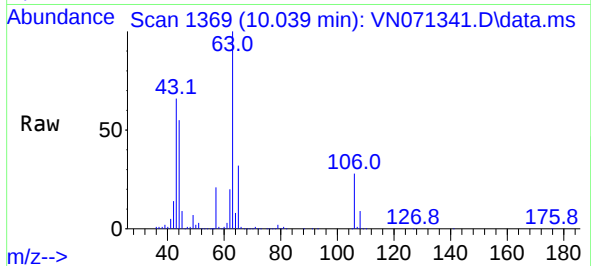
Tgt Ion:107 Resp: 1267694
Ion Ratio Lower Upper
107 100
109 94.2 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 1407.493 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

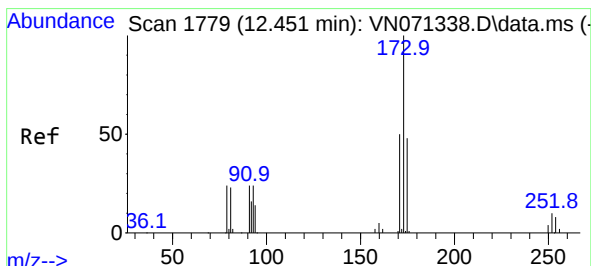
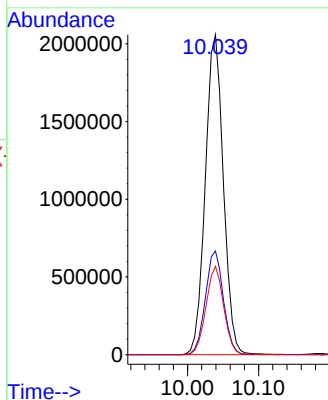
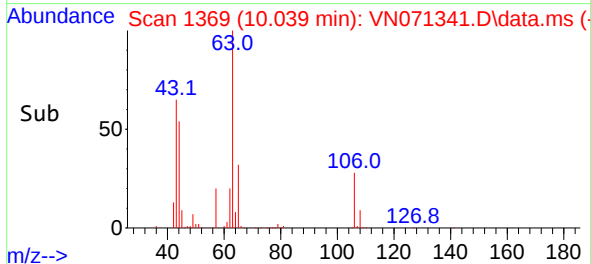
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



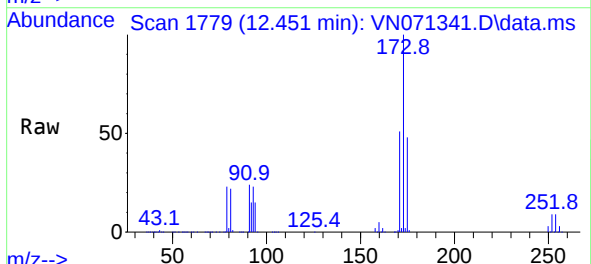
Tgt Ion: 63 Resp: 363904
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.0
106 27.2 23.2 34.8

Manual Integrations
APPROVED

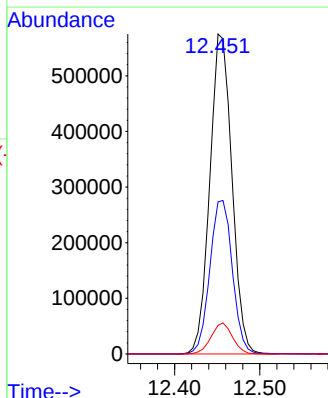
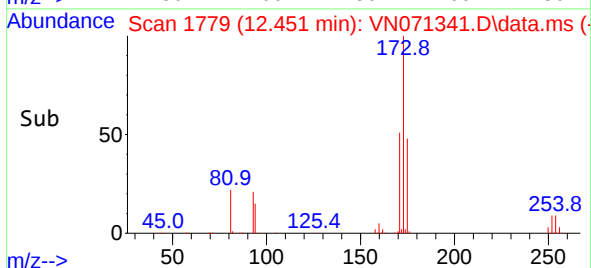
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

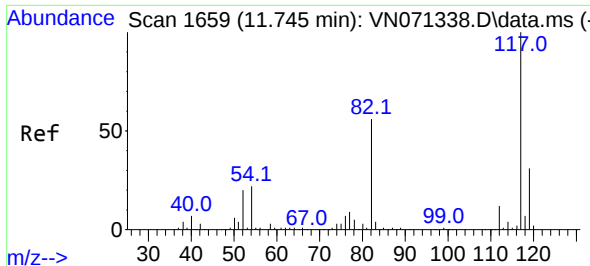


#56
Bromoform
Concen: 166.662 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



Tgt Ion:173 Resp: 1037163
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 9.4 0.0 0.0#





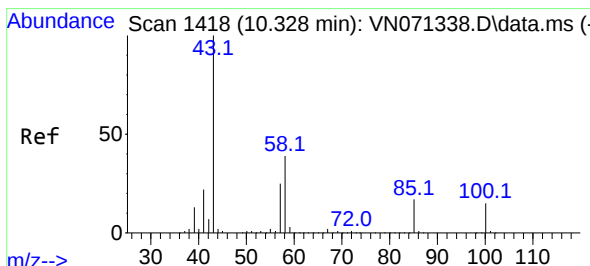
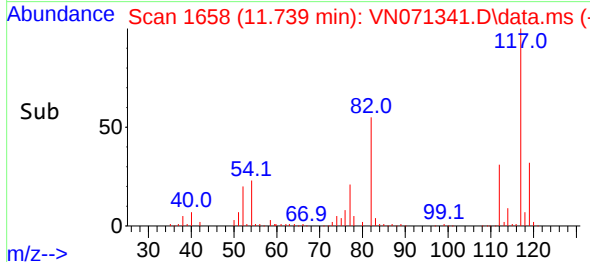
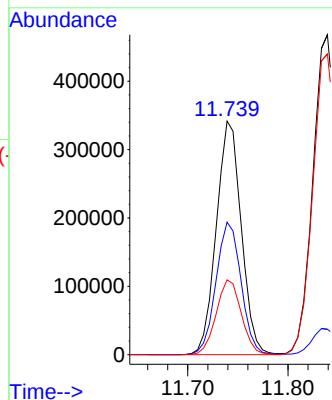
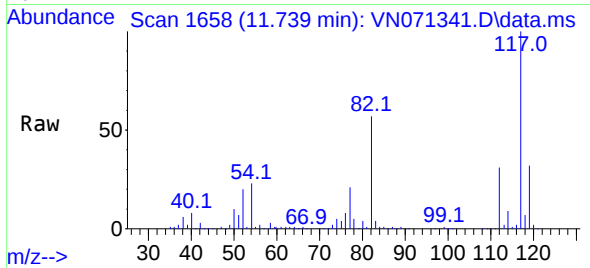
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 117 Resp: 590735
Ion Ratio Lower Upper
117 100
82 56.9 43.6 65.4
119 32.2 25.8 38.6

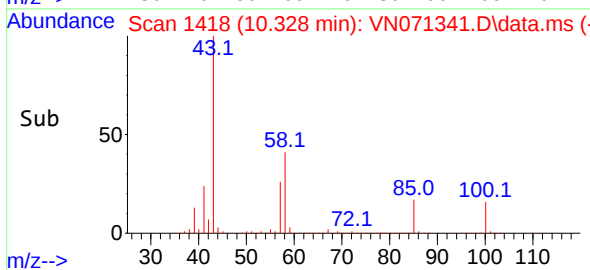
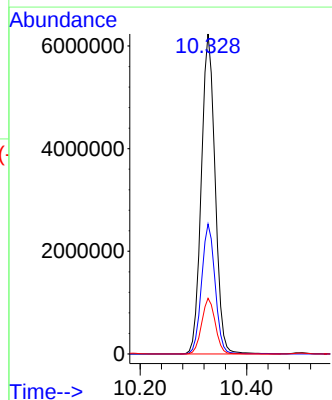
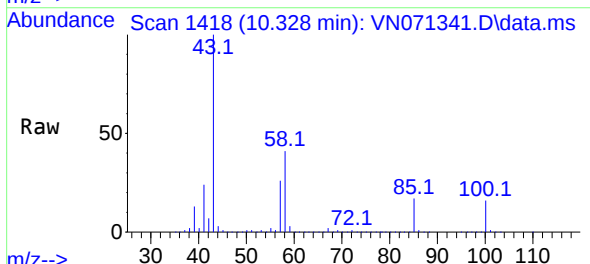
Manual Integrations
APPROVED

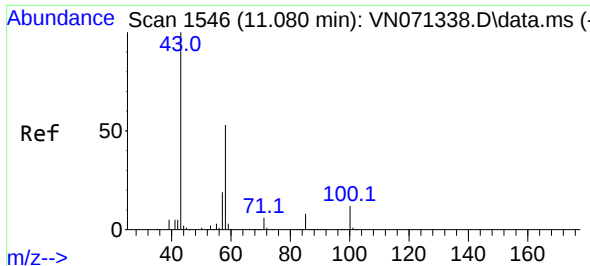
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#58
4-Methyl-2-Pentanone
Concen: 805.143 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

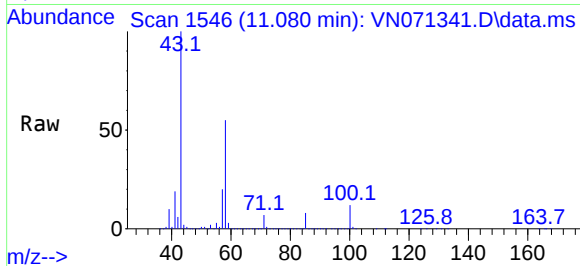
Tgt Ion: 43 Resp: 11166543
Ion Ratio Lower Upper
43 100
58 39.9 30.0 45.0
85 17.2 15.0 22.6





#59
2-Hexanone
Concen: 814.518 ug/l
RT: 11.080 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

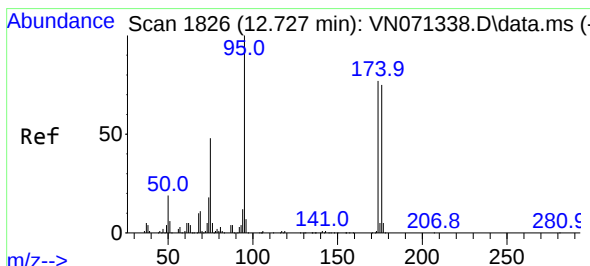
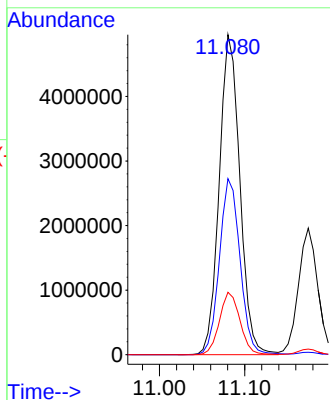
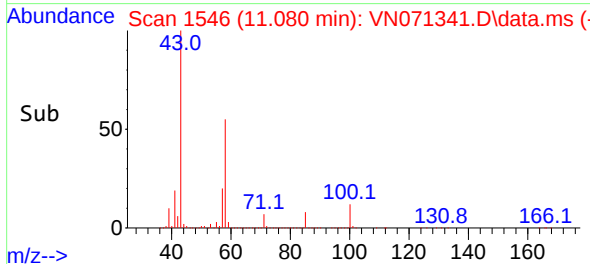
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



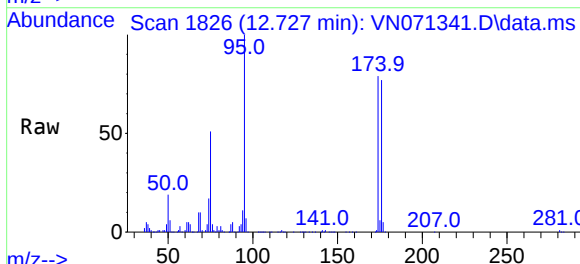
Tgt Ion: 43 Resp: 833377
Ion Ratio Lower Upper
43 100
58 55.2 42.2 63.2
57 19.4 15.0 22.4

Manual Integrations
APPROVED

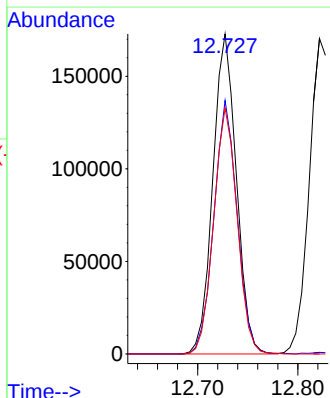
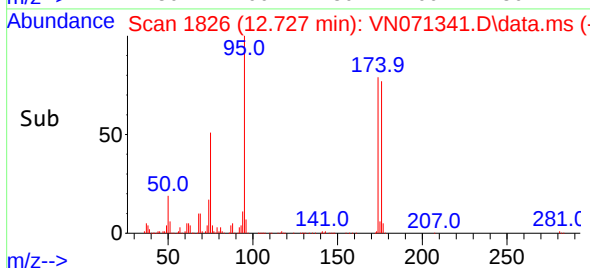
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

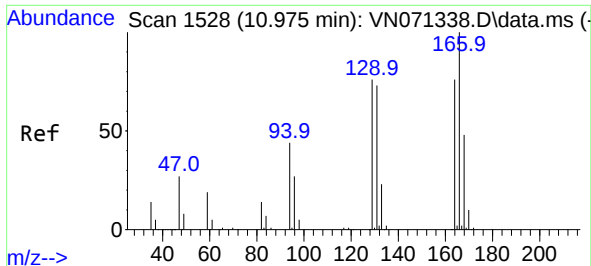


#60
4-Bromofluorobenzene
Concen: 29.261 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



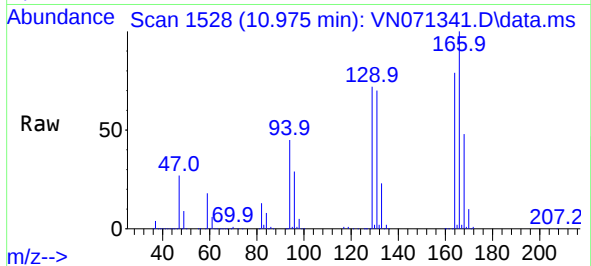
Tgt Ion: 95 Resp: 281395
Ion Ratio Lower Upper
95 100
174 78.4 62.9 94.3
176 76.8 61.0 91.4





#61
Tetrachloroethene
Concen: 144.464 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

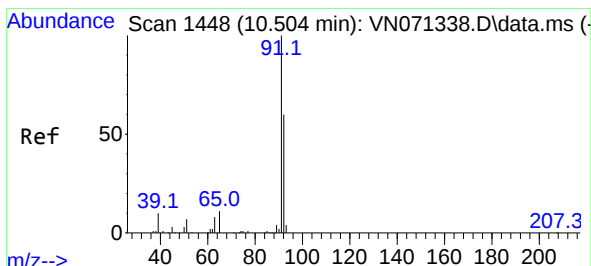
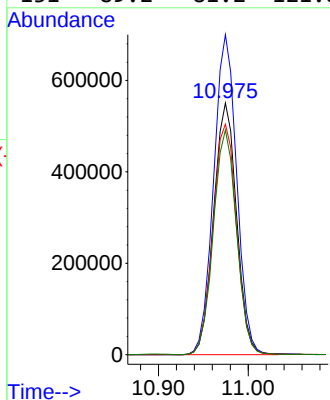
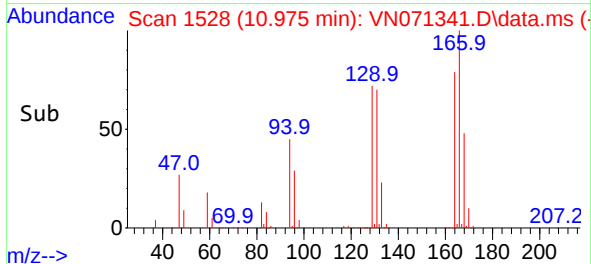
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



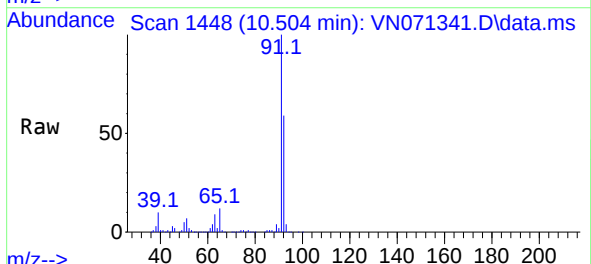
Tgt Ion:164 Resp: 98146
Ion Ratio Lower Upper
164 100
166 127.1 105.8 158.8
129 91.6 82.5 123.7
131 89.2 81.2 121.8

Manual Integrations
APPROVED

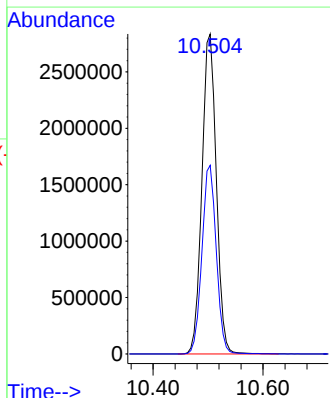
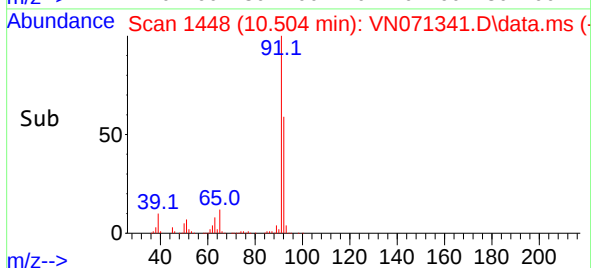
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

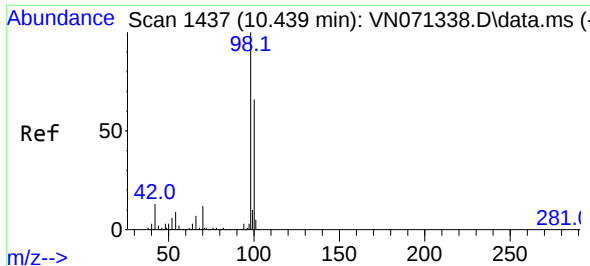


#62
Toluene
Concen: 148.046 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



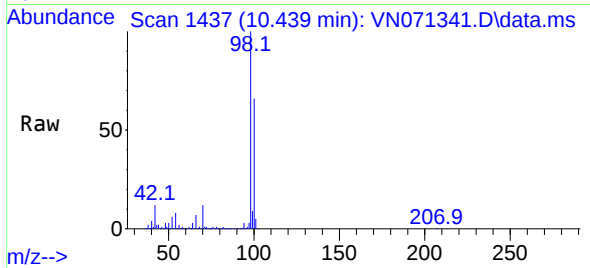
Tgt Ion: 91 Resp: 5153670
Ion Ratio Lower Upper
91 100
92 58.7 44.6 67.0





#63
Toluene-d8
Concen: 28.140 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

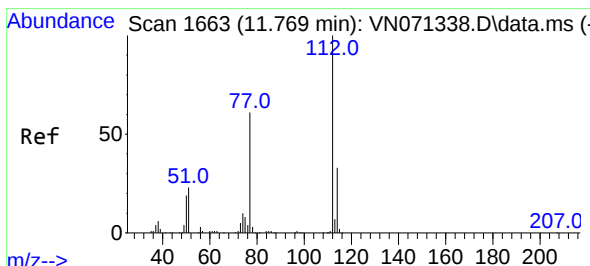
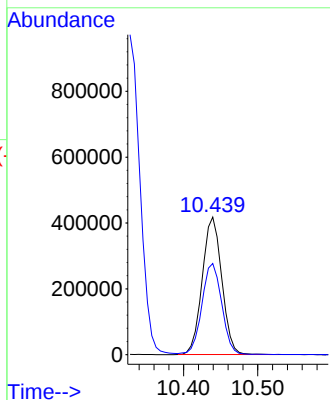
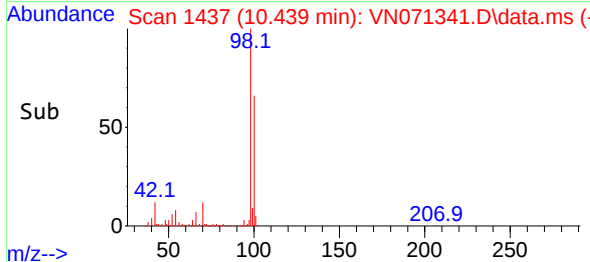
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



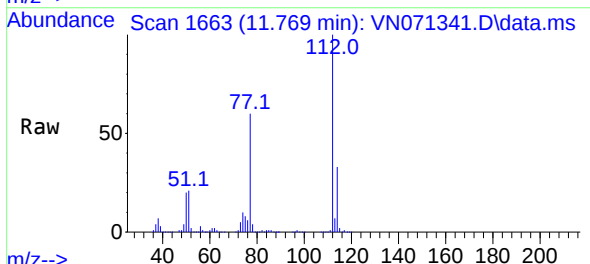
Tgt Ion: 98 Resp: 765259
Ion Ratio Lower Upper
98 100
100 66.8 50.6 76.0

Manual Integrations
APPROVED

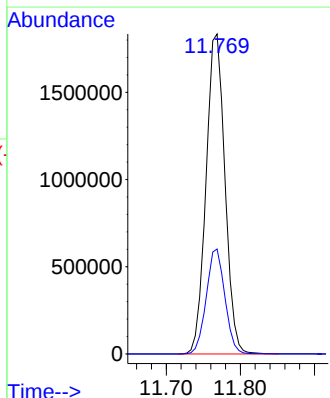
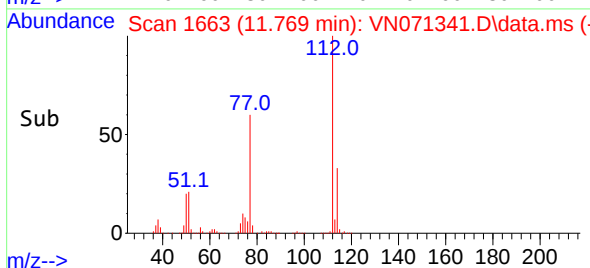
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

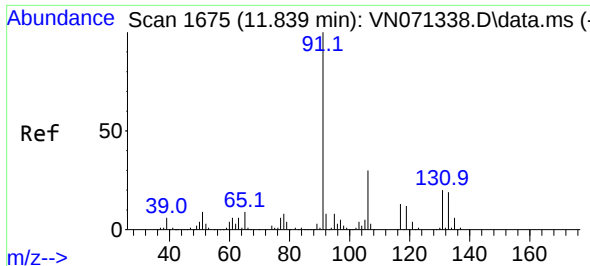


#64
Chlorobenzene
Concen: 156.719 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



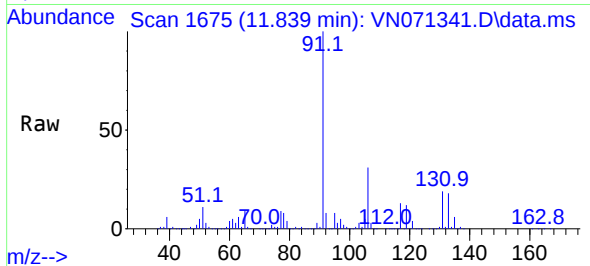
Tgt Ion:112 Resp: 3248087
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 156.592 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

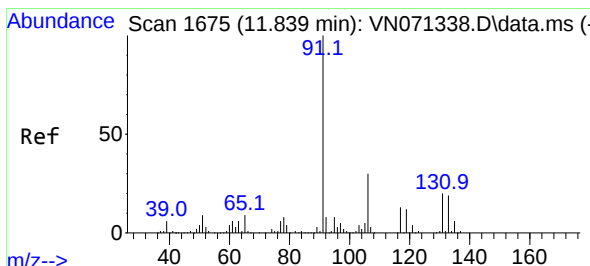
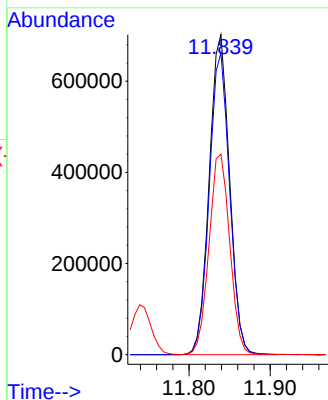
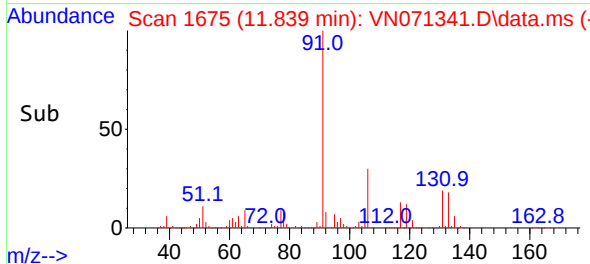
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



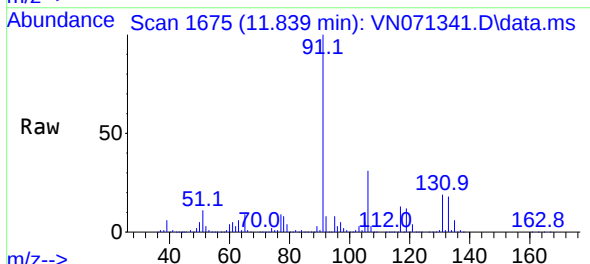
Tgt Ion:131 Resp: 122086
Ion Ratio Lower Upper
131 100
133 94.4 0.0 191.2
119 64.1 0.0 128.8

Manual Integrations
APPROVED

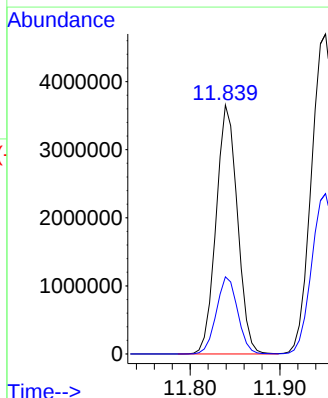
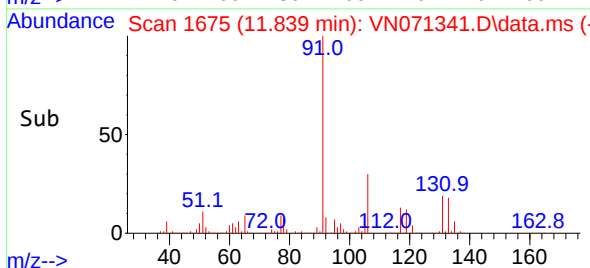
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

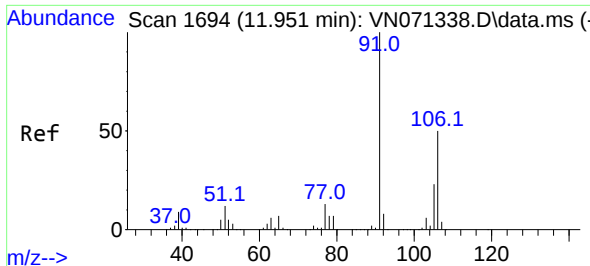


#66
Ethyl Benzene
Concen: 156.457 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



Tgt Ion: 91 Resp: 6026582
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0





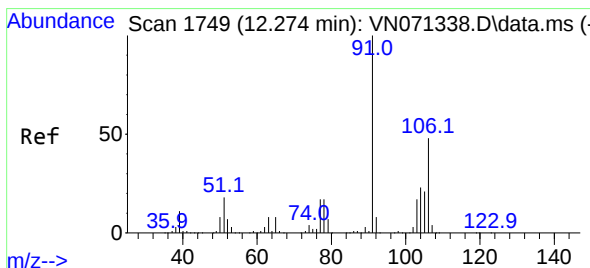
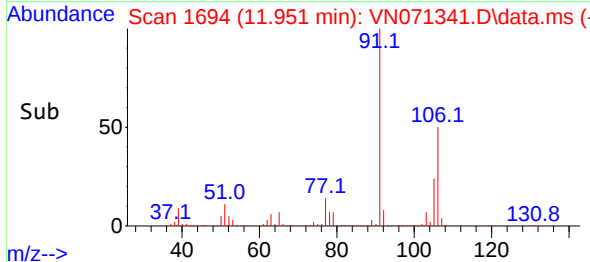
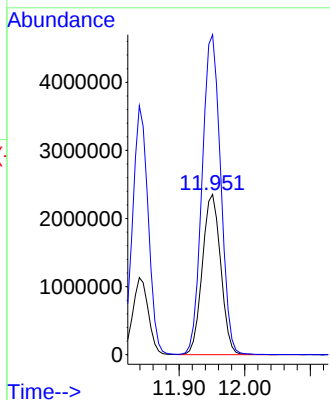
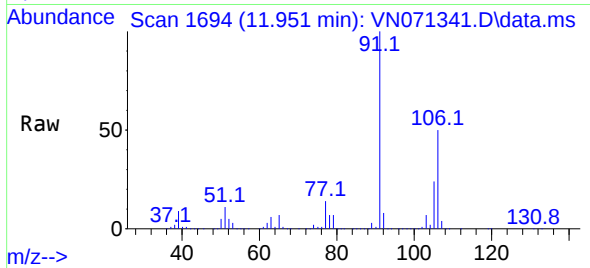
#67
m/p-Xylenes
Concen: 324.735 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 4589190
Ion Ratio Lower Upper
106 100
91 200.8 162.9 244.3

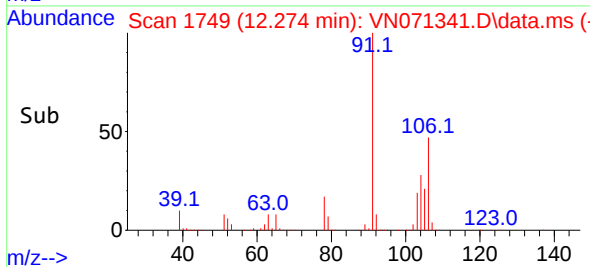
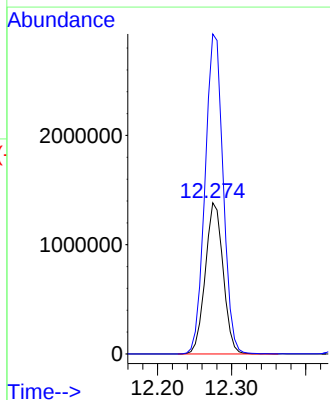
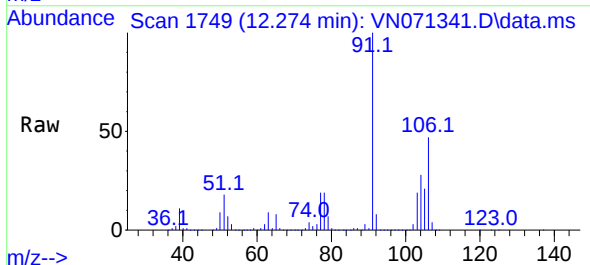
Manual Integrations
APPROVED

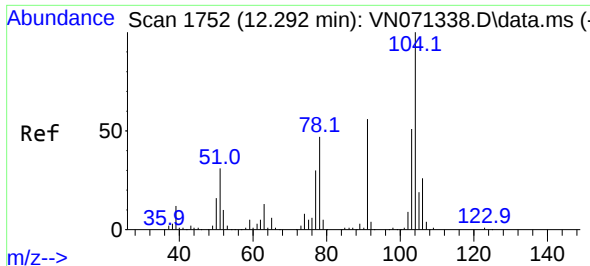
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#68
o-Xylene
Concen: 164.265 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

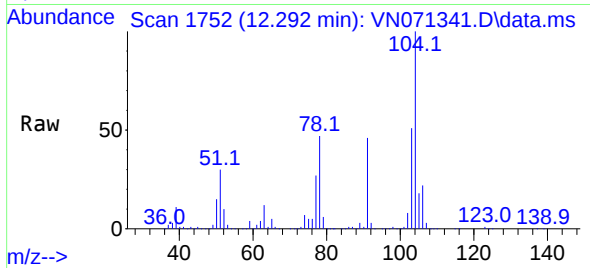
Tgt Ion:106 Resp: 2313418
Ion Ratio Lower Upper
106 100
91 213.9 107.7 323.1





#69
Styrene
Concen: 168.114 ug/l
RT: 12.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

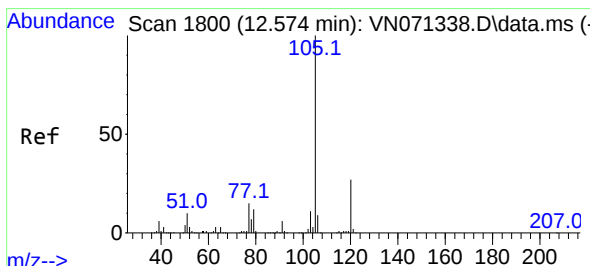
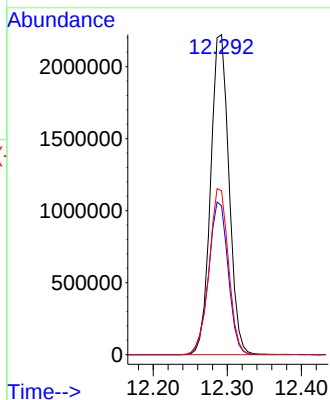
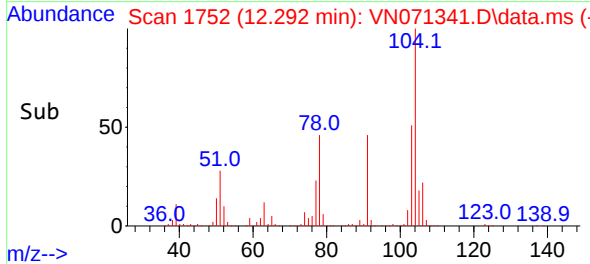
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



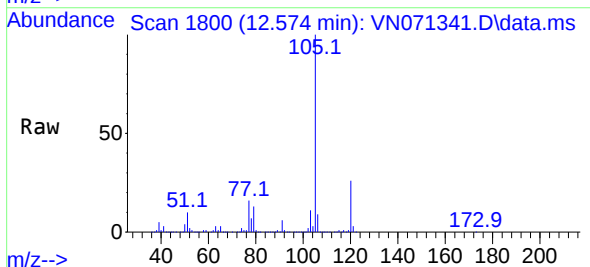
Tgt Ion:104 Resp: 3820834
Ion Ratio Lower Upper
104 100
78 51.0 40.7 61.1
103 54.8 45.8 68.8

Manual Integrations
APPROVED

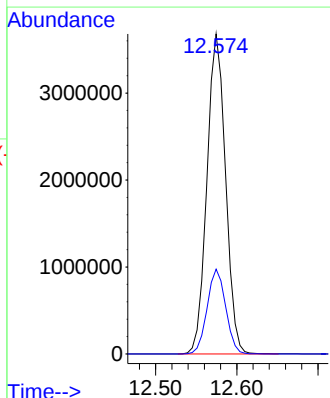
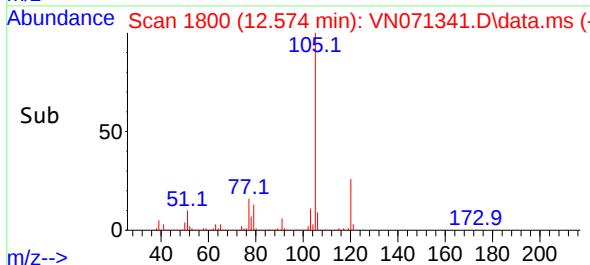
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

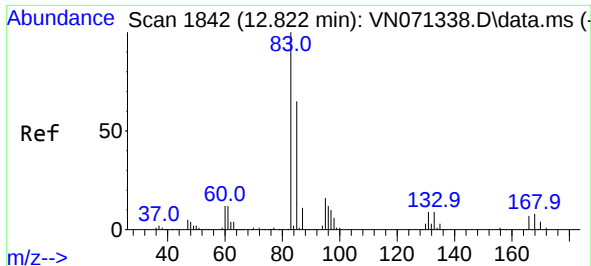


#70
Isopropylbenzene
Concen: 159.708 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



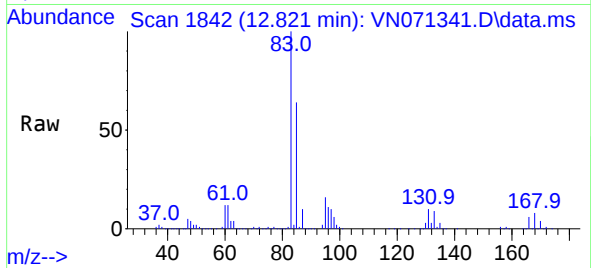
Tgt Ion:105 Resp: 5854384
Ion Ratio Lower Upper
105 100
120 26.4 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 149.626 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

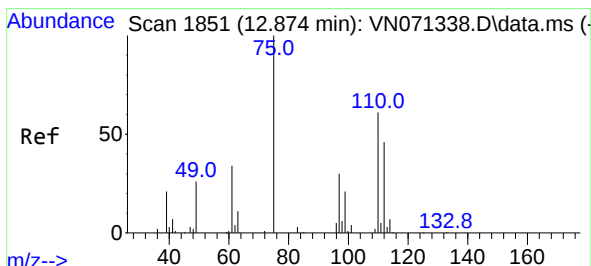
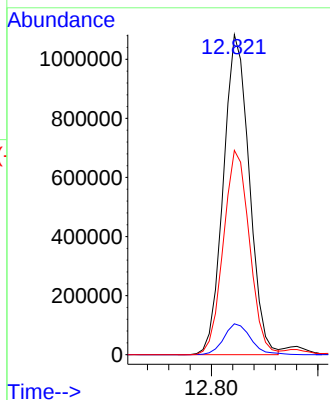
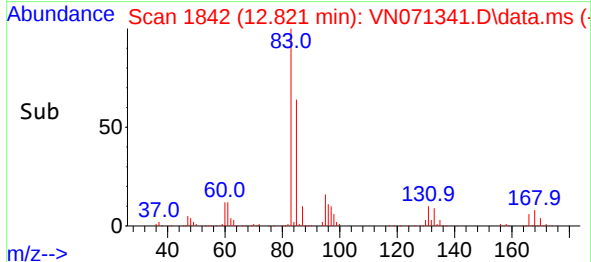
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



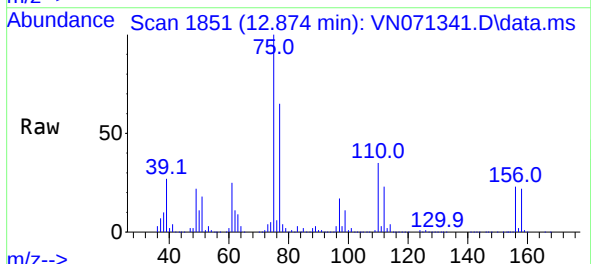
Tgt Ion: 83 Resp: 182601
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 64.5 33.1 99.2

Manual Integrations
APPROVED

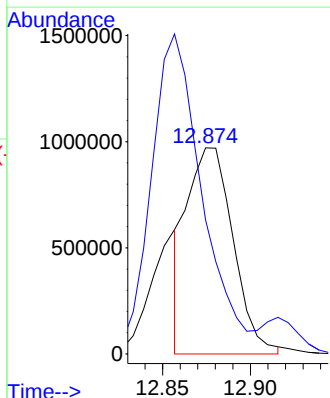
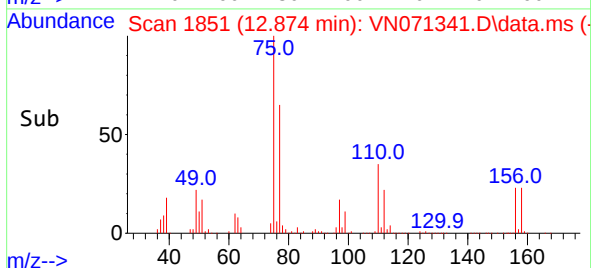
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

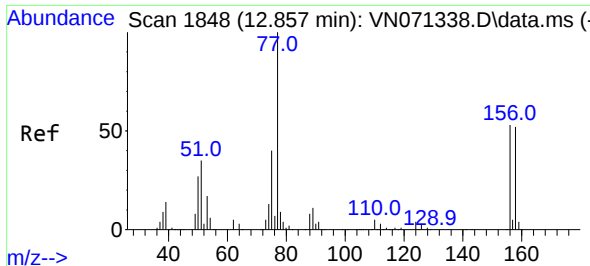


#72
1,2,3-Trichloropropane
Concen: 161.541 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



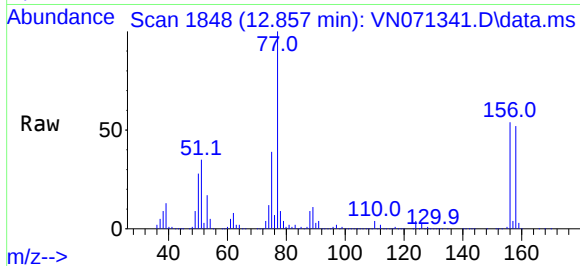
Tgt Ion: 75 Resp: 1768433
Ion Ratio Lower Upper
75 100
77 170.2 0.0 378.0





#73
Bromobenzene
Concen: 160.571 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

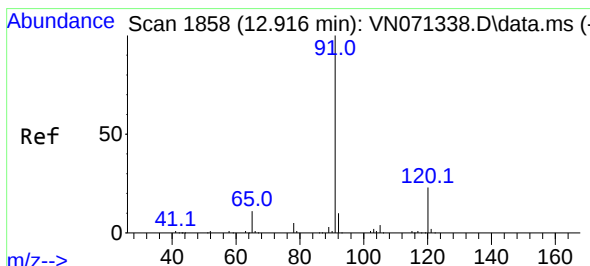
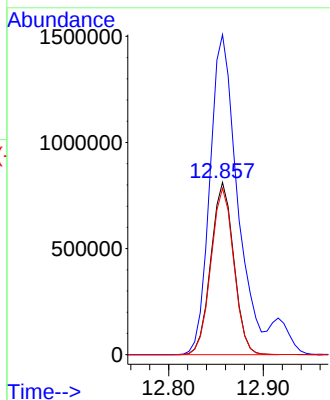
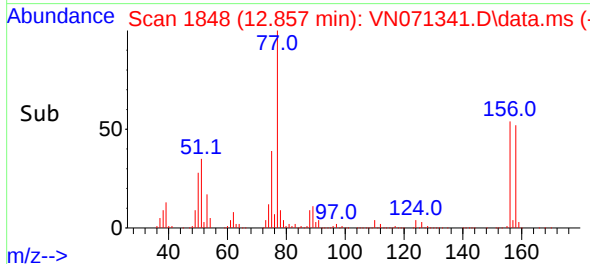
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



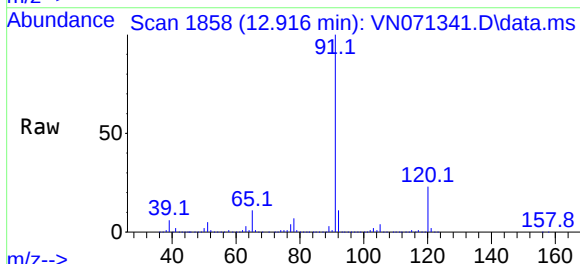
Tgt Ion:156 Resp: 1365523
Ion Ratio Lower Upper
156 100
77 220.5 0.0 416.0
158 96.5 0.0 195.4

Manual Integrations
APPROVED

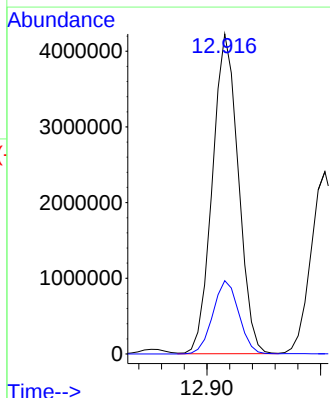
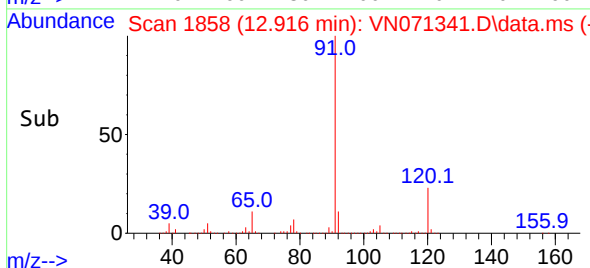
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

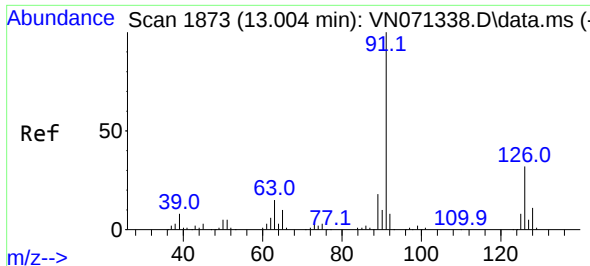


#74
n-propylbenzene
Concen: 159.628 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



Tgt Ion: 91 Resp: 6706484
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.0





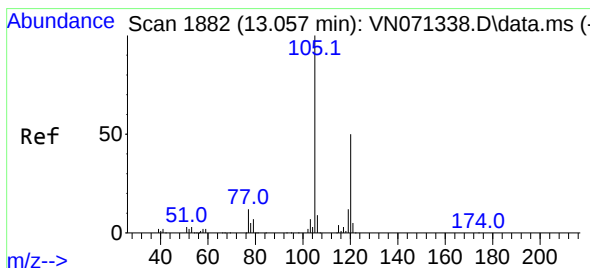
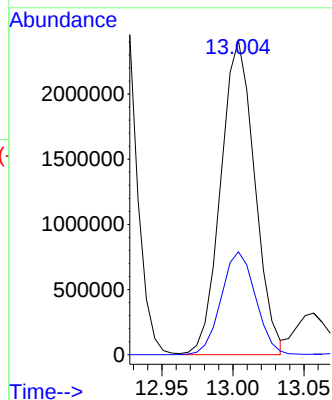
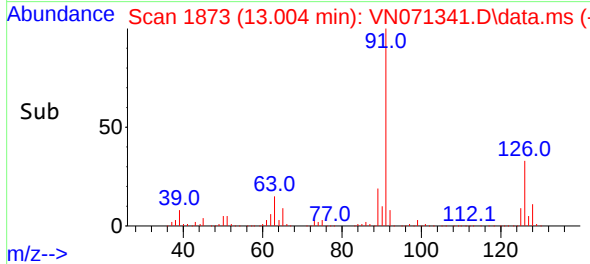
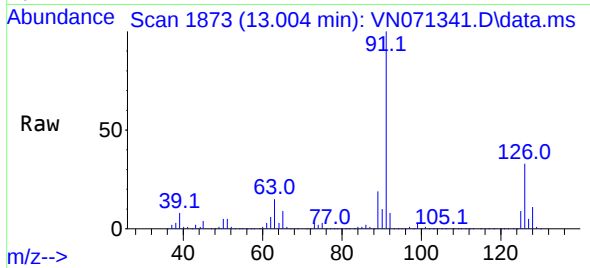
#75
2-Chlorotoluene
Concen: 155.231 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 4014690
Ion Ratio Lower Upper
91 100
126 33.1 0.0 69.8

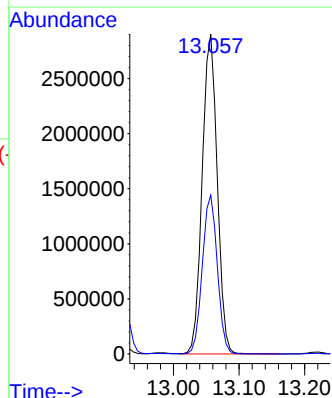
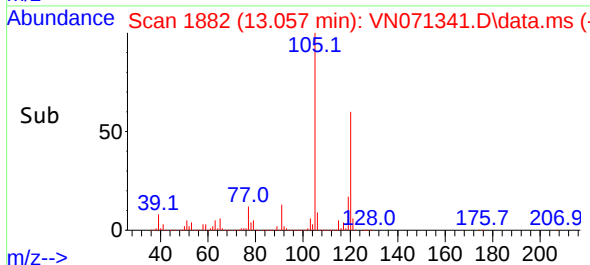
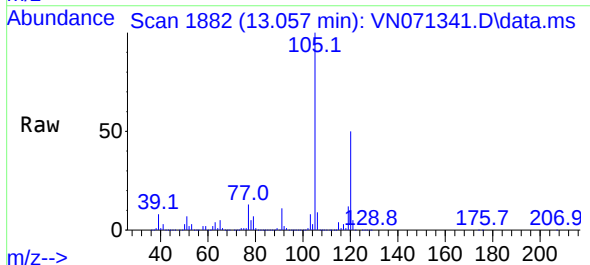
Manual Integrations
APPROVED

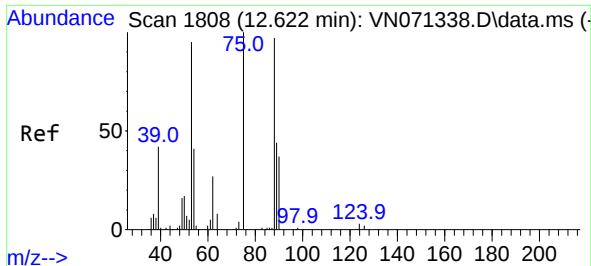
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#76
1,3,5-Trimethylbenzene
Concen: 155.010 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Tgt Ion:105 Resp: 4639704
Ion Ratio Lower Upper
105 100
120 49.3 0.0 93.8





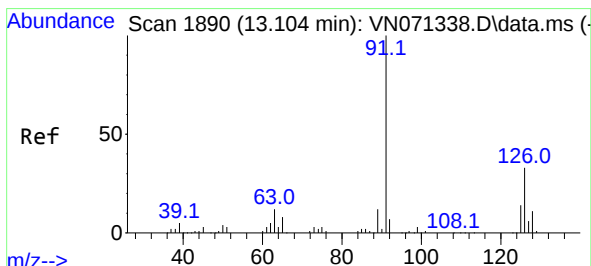
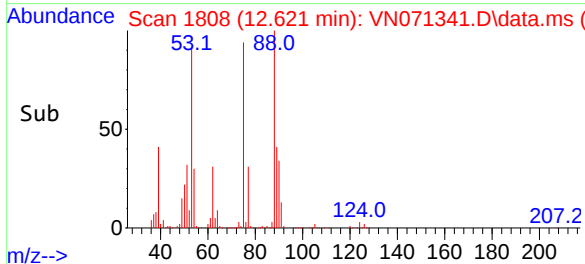
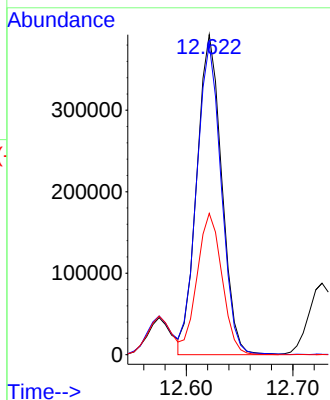
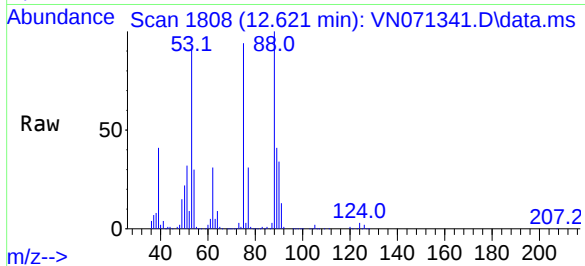
#77
t-1,4-Dichloro-2-butene
Concen: 177.056 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 63862
Ion Ratio Lower Upper
75 100
53 97.1 51.8 155.5
89 44.2 22.9 68.7

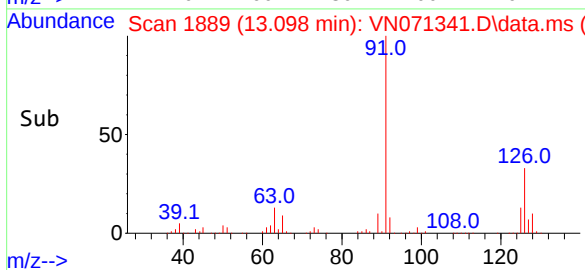
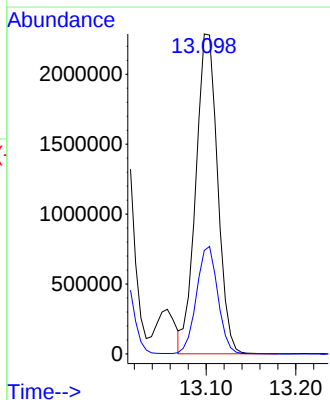
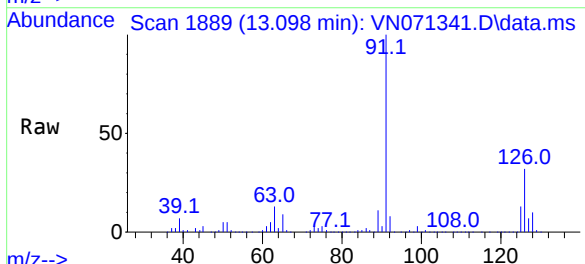
Manual Integrations
APPROVED

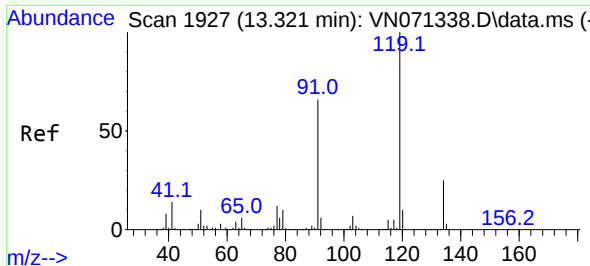
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#78
4-Chlorotoluene
Concen: 157.077 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

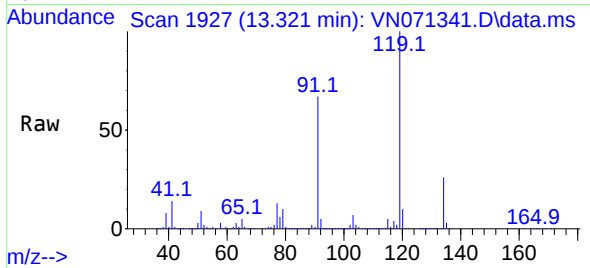
Tgt Ion: 91 Resp: 3856203
Ion Ratio Lower Upper
91 100
126 33.0 0.0 70.6





#79
tert-butylbenzene
Concen: 161.532 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

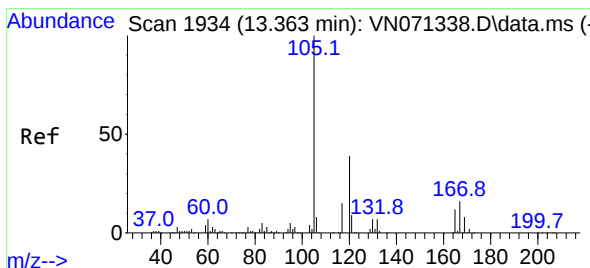
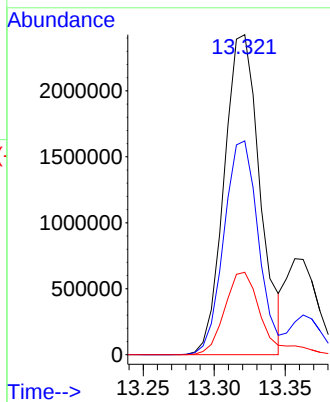
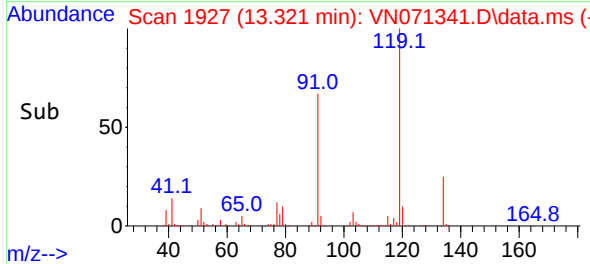
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



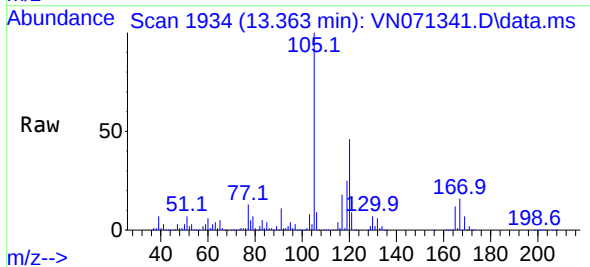
Tgt Ion:119 Resp: 424980
Ion Ratio Lower Upper
119 100
91 64.3 0.0 137.0
134 25.2 0.0 47.6

Manual Integrations
APPROVED

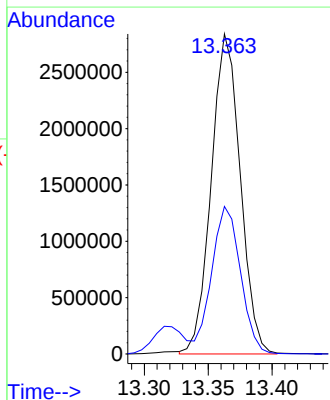
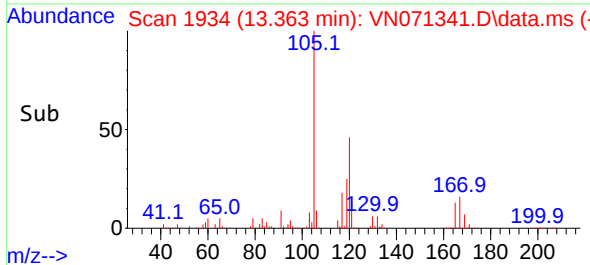
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

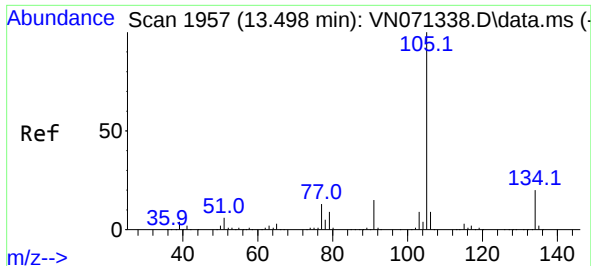


#80
1,2,4-Trimethylbenzene
Concen: 155.365 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



Tgt Ion:105 Resp: 4507894
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





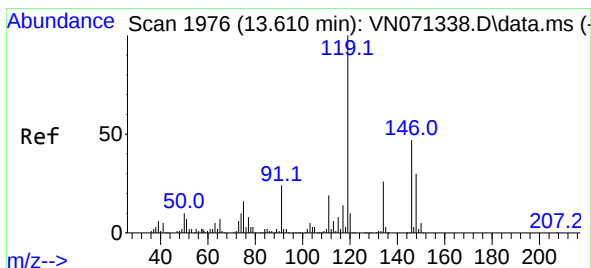
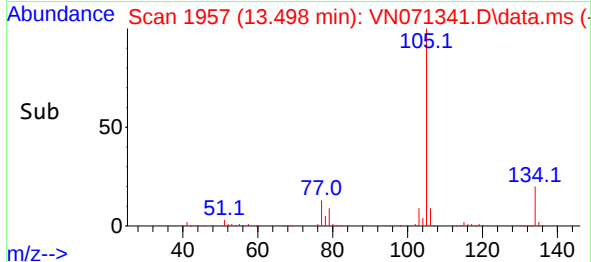
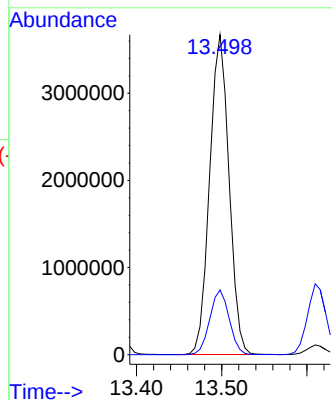
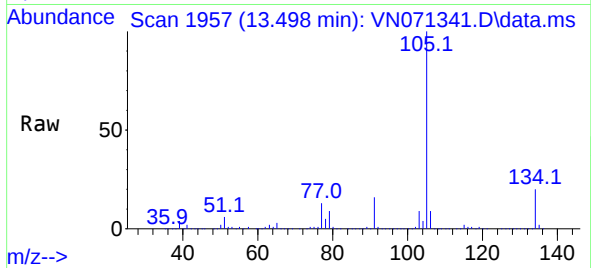
#81
 sec-Butylbenzene
 Concen: 160.094 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071341.D
 Acq: 17 Mar 2022 01:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 579747
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.4

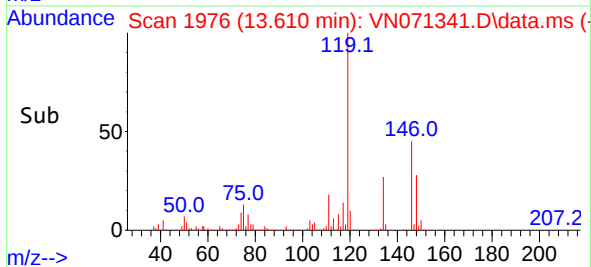
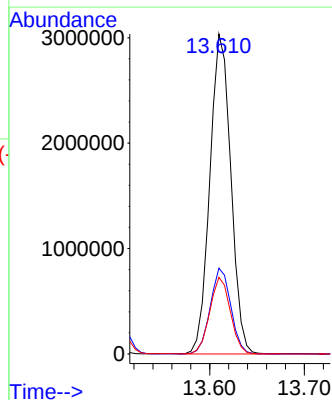
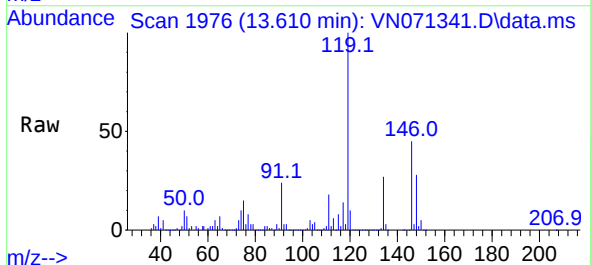
Manual Integrations
 APPROVED

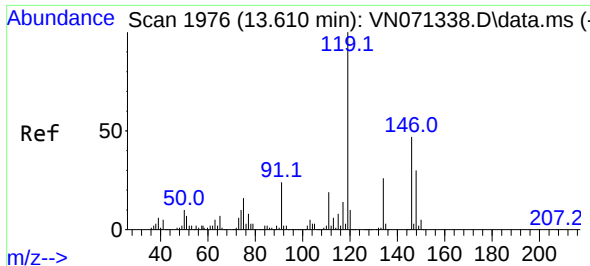
Reviewed By :John Carlone 03/17/2022
 Supervised By :Semsettin Yesilyurt 03/21/2022



#82
 p-Isopropyltoluene
 Concen: 161.972 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071341.D
 Acq: 17 Mar 2022 01:39

Tgt Ion:119 Resp: 4675052
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 51.8
 91 23.4 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 157.819 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Instrument :

MSVOA_N

ClientSampleId :

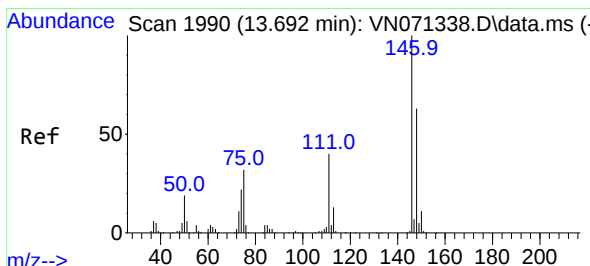
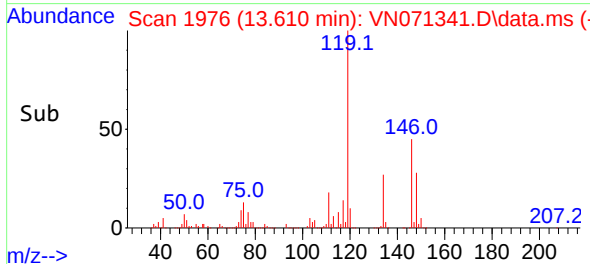
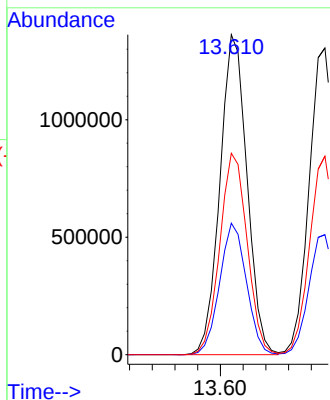
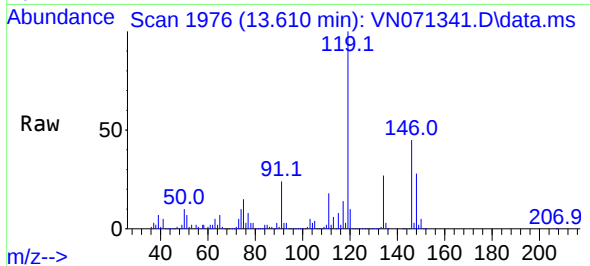
VSTDICC150

Tgt Ion:146 Resp: 225485
Ion Ratio Lower Upper
146 100
111 40.7 20.8 62.2
148 63.7 31.4 94.3

Manual Integrations

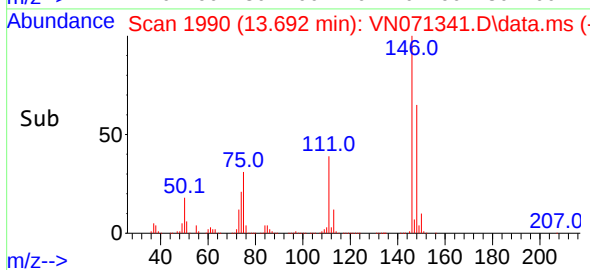
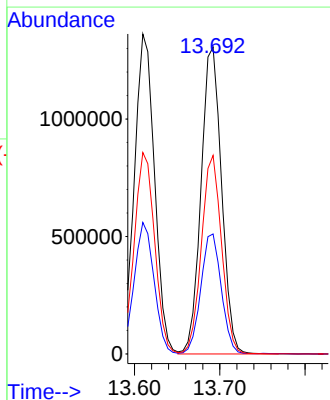
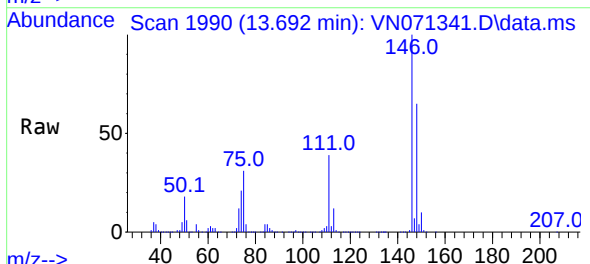
APPROVED

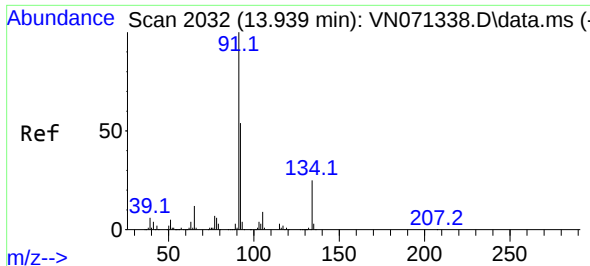
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#84
1,4-Dichlorobenzene
Concen: 159.253 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Tgt Ion:146 Resp: 2184020
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 63.7 31.1 93.5





#85
n-Butylbenzene
Concen: 157.578 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Instrument :

MSVOA_N

ClientSampleId :

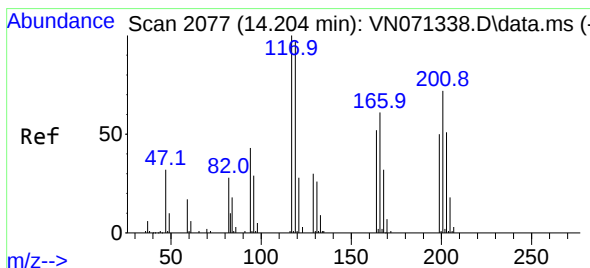
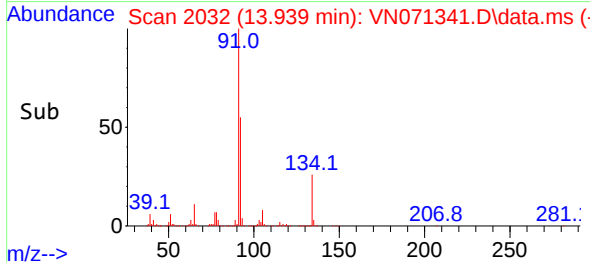
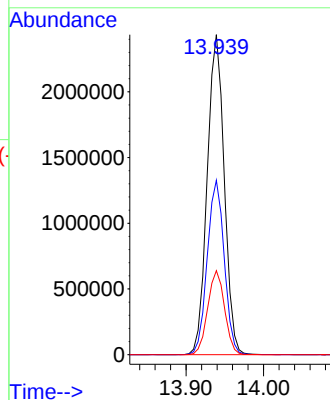
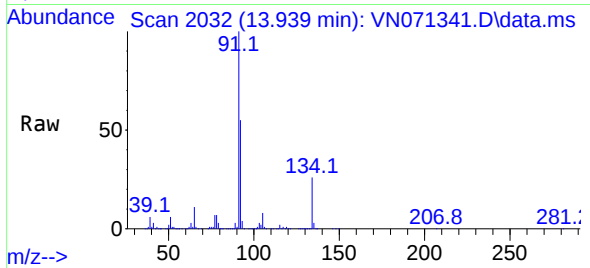
VSTDICC150

Tgt Ion: 91 Resp: 3722748
Ion Ratio Lower Upper
91 100
92 54.4 0.0 100.6
134 26.0 0.0 50.2

Manual Integrations

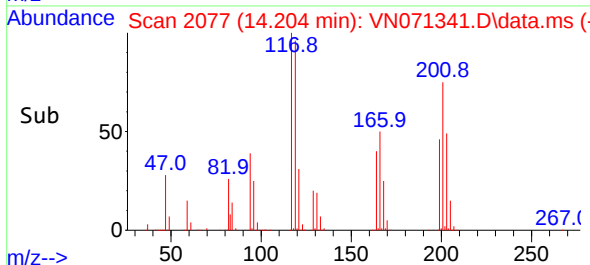
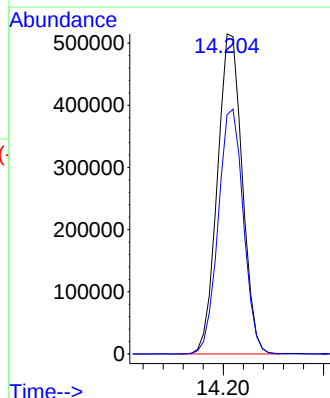
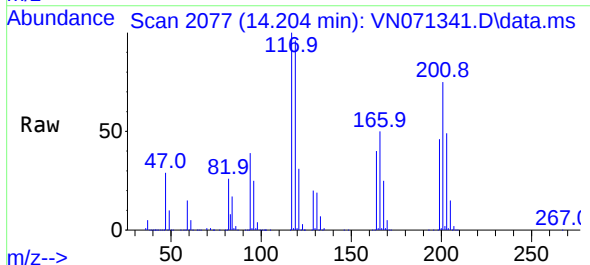
APPROVED

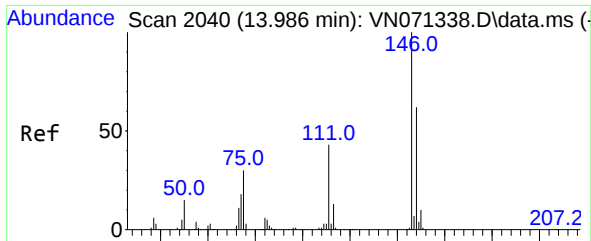
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#86
Hexachloroethane
Concen: 154.635 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

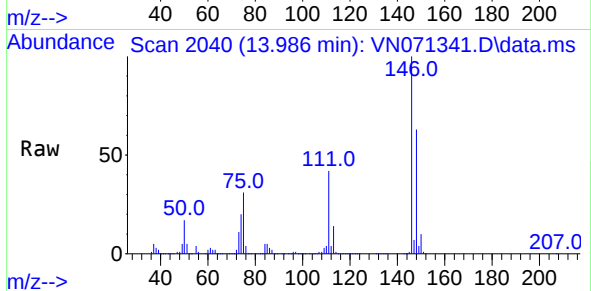
Tgt Ion:117 Resp: 885179
Ion Ratio Lower Upper
117 100
201 77.3 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 154.543 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

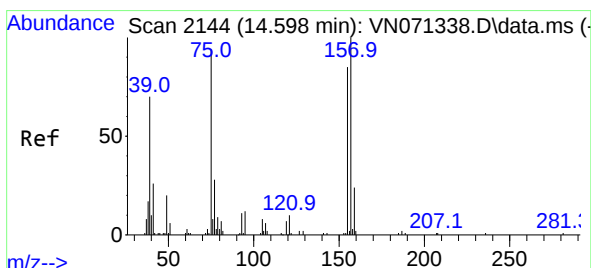
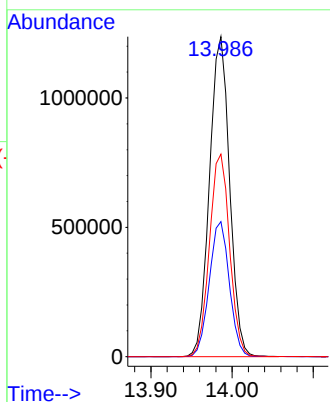
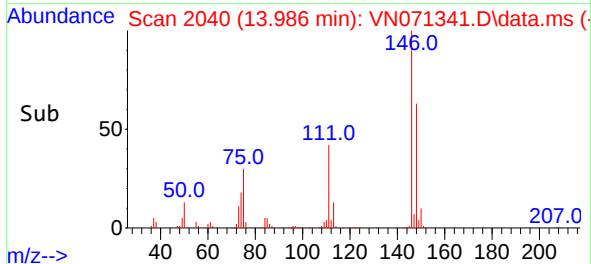
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



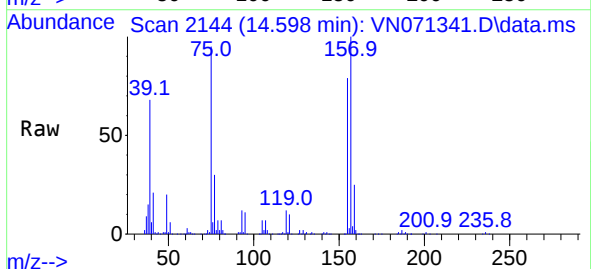
Tgt Ion:146 Resp: 213176
Ion Ratio Lower Upper
146 100
111 42.1 21.4 64.2
148 63.5 32.5 97.4

Manual Integrations
APPROVED

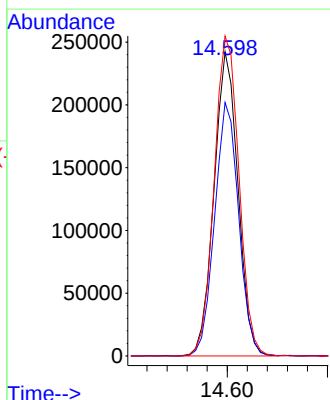
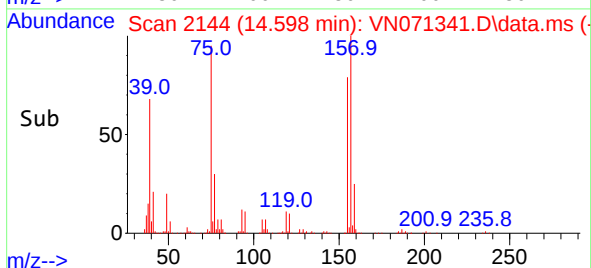
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

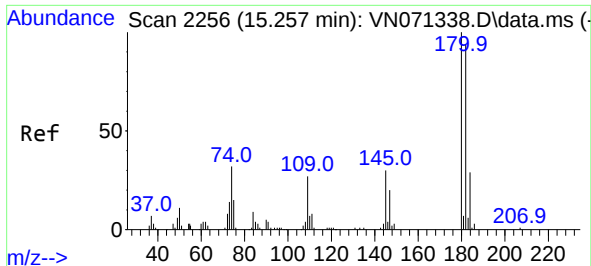


#88
1,2-Dibromo-3-Chloropropane
Concen: 170.572 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



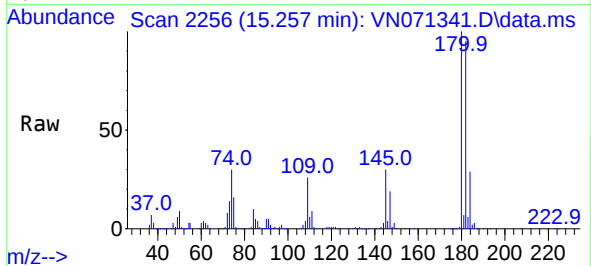
Tgt Ion: 75 Resp: 402217
Ion Ratio Lower Upper
75 100
155 83.6 63.8 95.8
157 108.5 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 180.719 ug/l
RT: 15.257 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

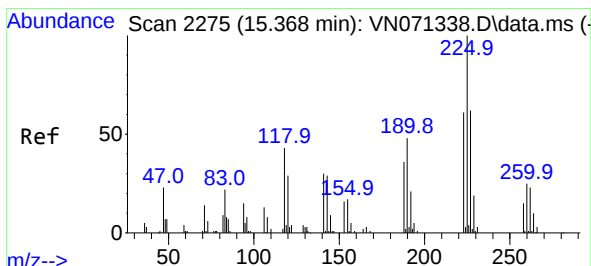
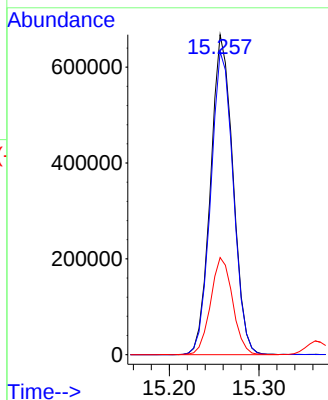
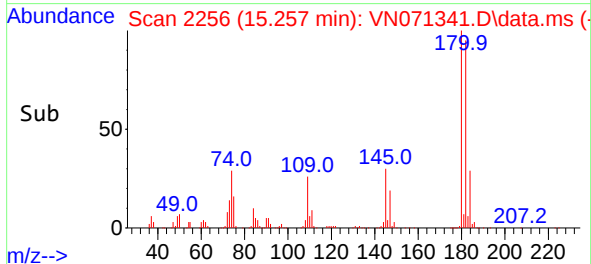
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



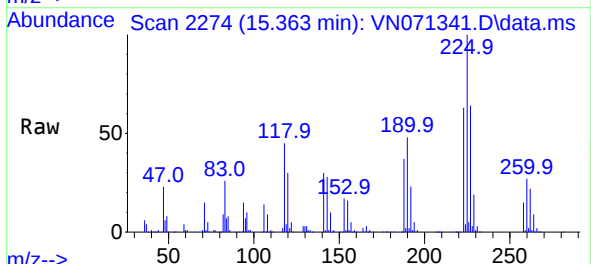
Tgt Ion:180 Resp: 1156930
Ion Ratio Lower Upper
180 100
182 95.1 77.7 116.5
145 29.9 26.6 39.8

Manual Integrations
APPROVED

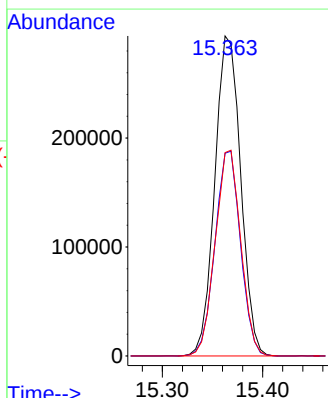
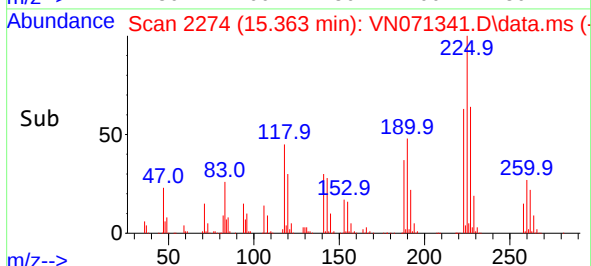
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

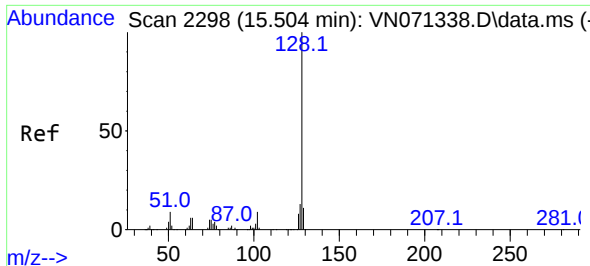


#90
Hexachlorobutadiene
Concen: 140.533 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39



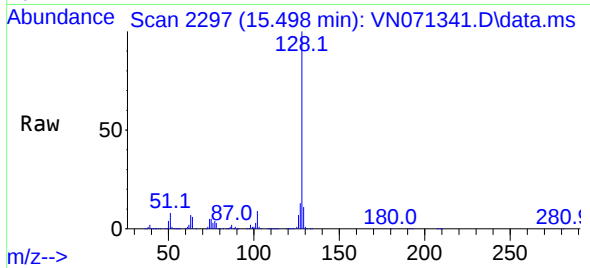
Tgt Ion:225 Resp: 526051
Ion Ratio Lower Upper
225 100
223 63.1 0.0 126.8
227 63.5 0.0 123.0





#91
Naphthalene
Concen: 222.321 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

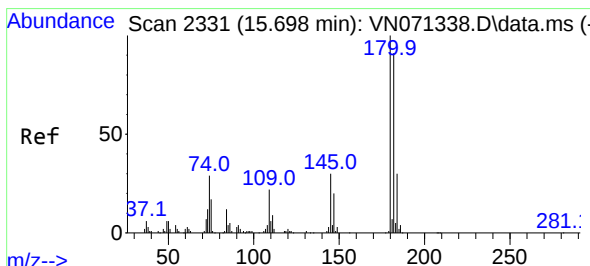
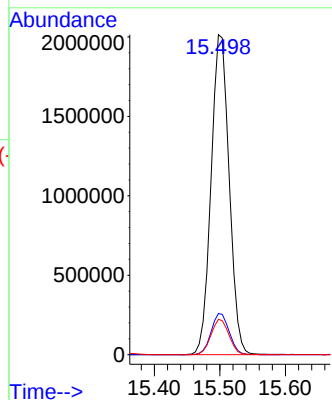
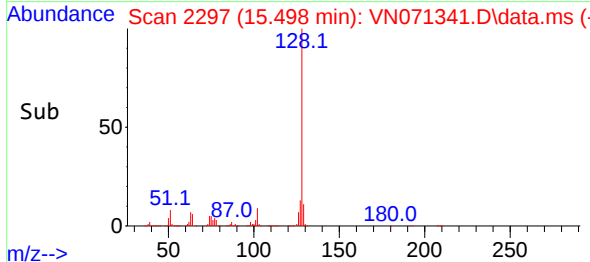
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 385567
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 11.0 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#92
1,2,3-Trichlorobenzene
Concen: 189.784 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071341.D
Acq: 17 Mar 2022 01:39

Tgt Ion:180 Resp: 1163168
Ion Ratio Lower Upper
180 100
182 94.2 0.0 190.0
145 32.1 0.0 67.8

