

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111021\
 Data File : VN069438.D
 Acq On : 10 Nov 2021 13:24
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Quant Time: Nov 10 13:58:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 13:52:12 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Semsettin Yesilyurt 11/16/2021

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

Internal Standards						
1) Bromochloromethane	7.662	128	183714	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	1065947	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	1011514	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	480624	33.588	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.967%#			
60) 4-Bromofluorobenzene	12.734	95	490656	28.289	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.300%			
63) Toluene-d8	10.443	98	1398875	30.610	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.033%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	740447	60.956	ug/l	98
3) Chloromethane	2.303	50	747548	59.193	ug/l	96
4) Vinyl Chloride	2.446	62	777581	51.654	ug/l	99
5) Bromomethane	2.851	94	452401	45.821	ug/l	98
6) Chloroethane	3.017	64	492786	50.501	ug/l	100
7) Trichlorofluoromethane	3.373	101	1121968	57.556	ug/l	98
8) Diethyl Ether	3.824	74	344828	49.962	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.205	101	512517	48.394	ug/l	72
10) 1,1-Dichloroethene	4.178	96	482477	46.695	ug/l	88
11) Methyl Iodide	4.419	142	688987	47.424	ug/l	97
12) Methyl Acetate	4.859	43	1396837	70.983	ug/l #	89
13) Acrolein	4.041	56	176302	148.710	ug/l	100
14) Acrylonitrile	5.559	53	1921410	344.118	ug/l	99
15) Acetone	4.291	58	680255	389.732	ug/l	77
16) Carbon Disulfide	4.529	76	1239819	44.656	ug/l	97
17) Allyl chloride	4.841	41	1047506	58.871	ug/l	91
18) Methylene Chloride	5.095	84	604711	49.251	ug/l #	87
19) trans-1,2-Dichloroethene	5.597	96	537483	47.904	ug/l	86
20) Diisopropyl ether	6.501	45	2263366	59.549	ug/l	96
21) 1,1-Dichloroethane	6.388	63	1127761	53.160	ug/l	99
22) cis-1,2-Dichloroethene	7.327	96	664066	49.379	ug/l	93
23) tert-Butyl Alcohol	5.385	59	670733	292.777	ug/l #	100
24) Methyl tert-Butyl Ether	5.621	73	1971969	50.318	ug/l	96
25) Chloroform	7.820	83	1169193	51.576	ug/l	99
26) Cyclohexane	8.096	56	1095935	56.086	ug/l #	88
29) 1,1-Dichloropropene	8.223	75	867894	51.736	ug/l	95
30) 2-Butanone	7.337	43	3213325	398.929	ug/l	92
31) 2,2-Dichloropropane	7.329	77	911783	45.370	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	1004498	48.125	ug/l	96
33) Carbon Tetrachloride	8.206	117	836292	47.171	ug/l	97
34) Benzene	8.461	78	2637728	52.658	ug/l	98
35) Methacrylonitrile	7.641	41	562732	70.100	ug/l	90
36) 1,2-Dichloroethane	8.531	62	998856	55.251	ug/l	99
37) Trichloroethene	9.218	130	628551	49.347	ug/l	93
38) Methylcyclohexane	9.462	83	1075045	50.340	ug/l	92
39) 1,2-Dichloropropane	9.491	63	701523	54.921	ug/l	98
40) Dibromomethane	9.580	93	466955	52.288	ug/l	96
41) Bromodichloromethane	9.765	83	887823	49.752	ug/l	96
42) Vinyl Acetate	6.436	43	8952143m	311.469	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.418	43	1145436	72.899	ug/l	97
44) Isopropyl Acetate	8.563	43	1819935	62.553	ug/l	95
45) 1,4-Dioxane	9.572	88	294161	1263.324	ug/l	88
46) Methyl methacrylate	9.561	41	842531	64.062	ug/l	84
47) n-amyl Acetate	12.388	43	1421339	57.543	ug/l	97
48) t-1,3-Dichloropropene	10.719	75	961528	46.585	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	1044821	48.611	ug/l	95
50) 1,1,2-Trichloroethane	10.899	97	666403	51.995	ug/l	95
51) Ethyl methacrylate	10.762	69	1125855	53.288	ug/l	92
52) 1,3-Dichloropropane	11.047	76	1145668	53.129	ug/l	100
53) Dibromochloromethane	11.240	129	651587	47.622	ug/l	99
54) 1,2-Dibromoethane	11.347	107	692102	51.655	ug/l	96
55) 2-Chloroethyl vinyl ether	10.044	63	1211844	180.659	ug/l	97
56) Bromoform	12.460	173	463963	47.042	ug/l #	100
58) 4-Methyl-2-Pentanone	10.333	43	6076750	356.098	ug/l	95
59) 2-Hexanone	11.087	43	4562931	354.077	ug/l	96
61) Tetrachloroethene	10.980	164	573432	52.162	ug/l	96
62) Toluene	10.508	91	2948874	50.051	ug/l	99
64) Chlorobenzene	11.771	112	1755523	49.129	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	640723	48.197	ug/l	100
66) Ethyl Benzene	11.846	91	3306932	49.924	ug/l	100
67) m/p-Xylenes	11.956	106	2441930	98.031	ug/l	96
68) o-Xylene	12.283	106	1214638	48.697	ug/l	96
69) Styrene	12.294	104	1996648	48.306	ug/l	98
70) Isopropylbenzene	12.581	105	3217554	49.205	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.827	83	1066034	55.621	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	1057259m	64.199	ug/l	
73) Bromobenzene	12.862	156	733387	49.480	ug/l	94
74) n-propylbenzene	12.921	91	3694784	49.202	ug/l	99
75) 2-Chlorotoluene	13.010	91	2225826	48.406	ug/l	97
76) 1,3,5-Trimethylbenzene	13.061	105	2643671	48.507	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	283912	44.082	ug/l	90
78) 4-Chlorotoluene	13.106	91	2145173	47.602	ug/l	95
79) tert-butylbenzene	13.324	119	2321175	48.505	ug/l	100
80) 1,2,4-Trimethylbenzene	13.369	105	2588346m	48.379	ug/l	
81) sec-Butylbenzene	13.503	105	3280867	48.975	ug/l	99
82) p-Isopropyltoluene	13.616	119	2625416	48.048	ug/l	99
83) 1,3-Dichlorobenzene	13.616	146	1282506	49.150	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	1247246	49.086	ug/l	99
85) n-Butylbenzene	13.943	91	2173953	47.571	ug/l	99
86) Hexachloroethane	14.214	117	436506	42.664	ug/l	89
87) 1,2-Dichlorobenzene	13.989	146	1238536	49.675	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.606	75	188391	52.771	ug/l	97
89) 1,2,4-Trichlorobenzene	15.265	180	580229	46.156	ug/l	97
90) Hexachlorobutadiene	15.373	225	326113	49.618	ug/l	99
91) Naphthalene	15.507	128	1649213	45.355	ug/l	99
92) 1,2,3-Trichlorobenzene	15.703	180	572411	47.645	ug/l	99

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

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Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Manual Integrations

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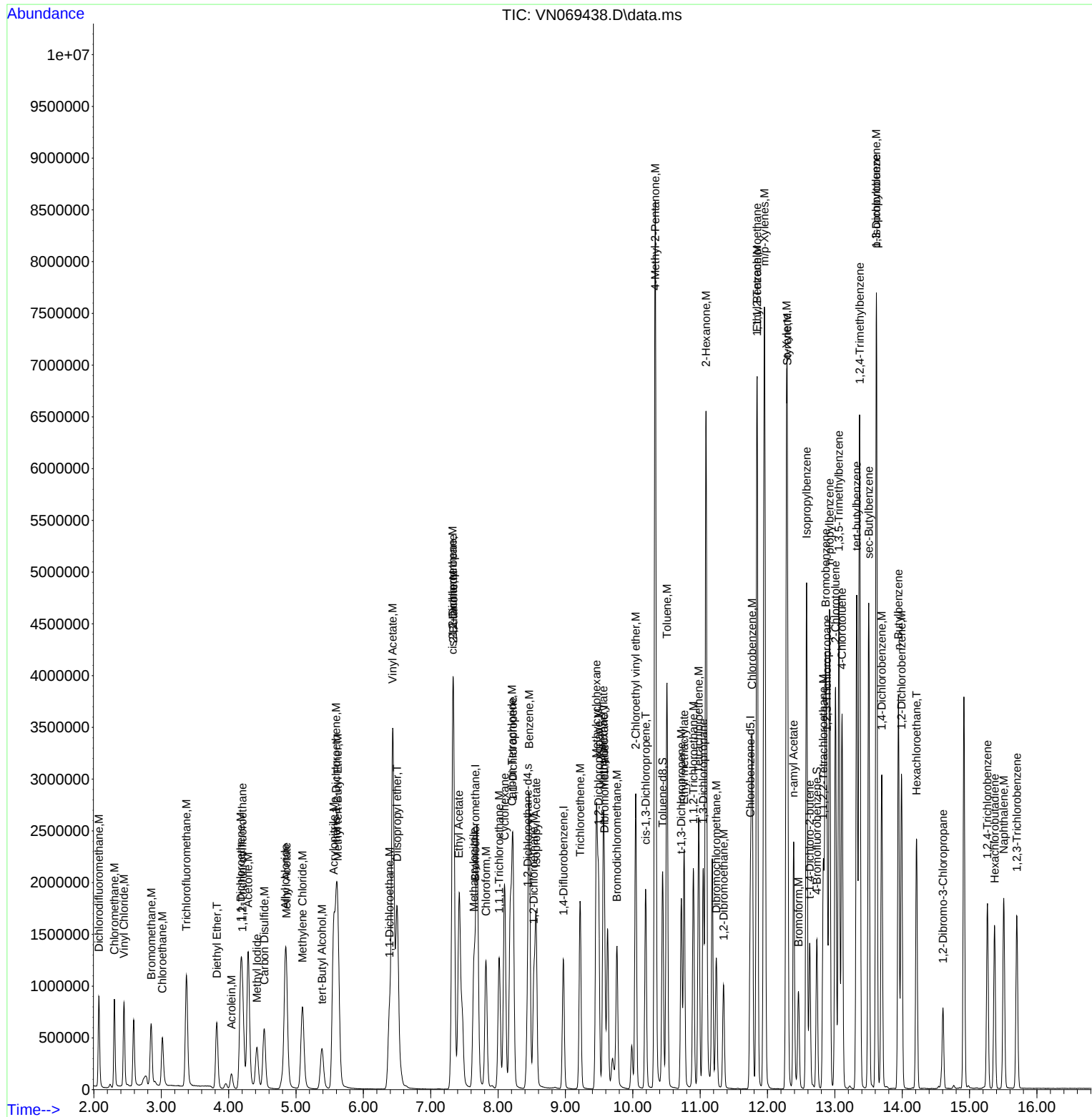
Quant Time: Nov 10 13:58:28 2021

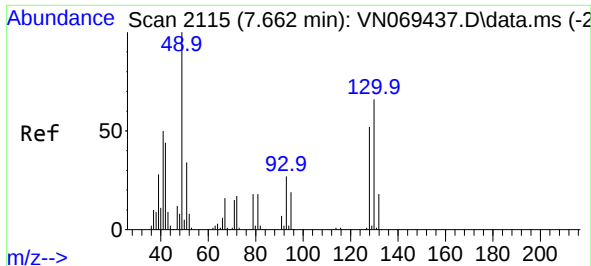
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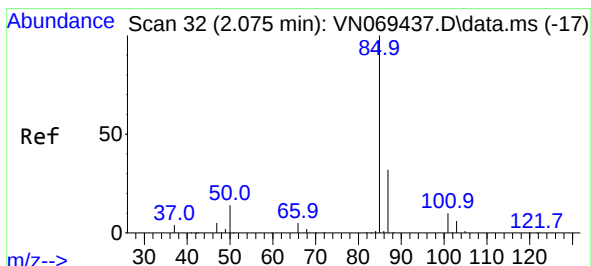
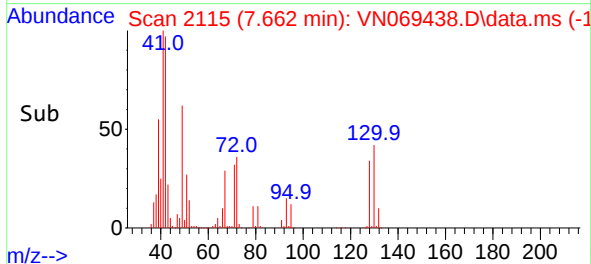
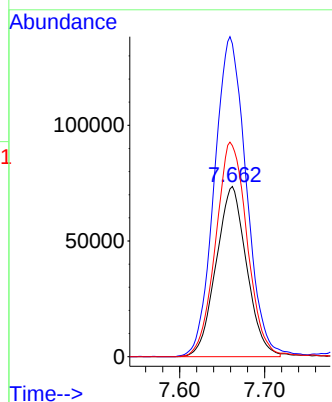
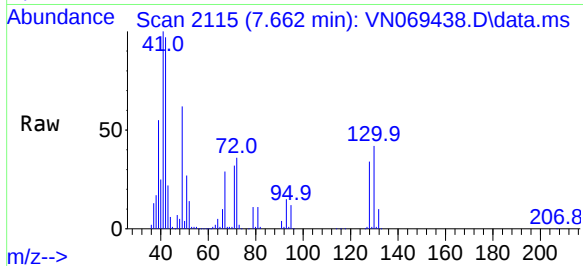
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :
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ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 183714
Ion Ratio Lower Upper
128 100
49 197.5 0.0 392.3
130 129.7 0.0 320.2

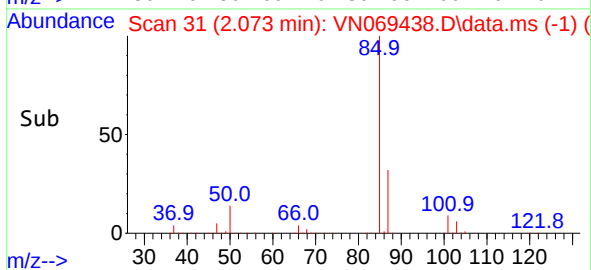
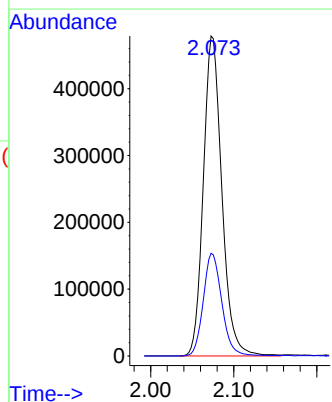
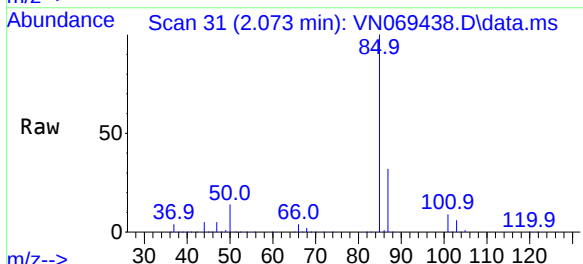
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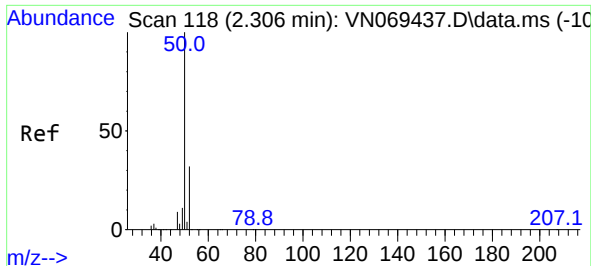
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#2
Dichlorodifluoromethane
Concen: 60.956 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

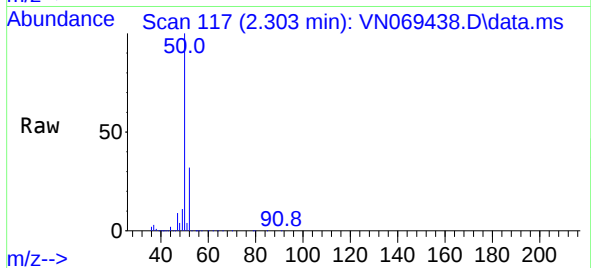
Tgt Ion: 85 Resp: 740447
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.7





#3
Chloromethane
Concen: 59.193 ug/l
RT: 2.303 min Scan# 118
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

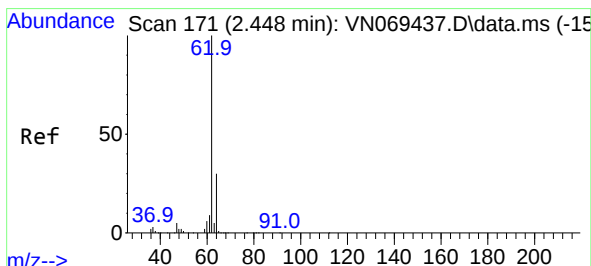
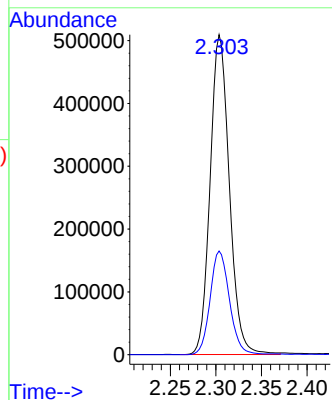
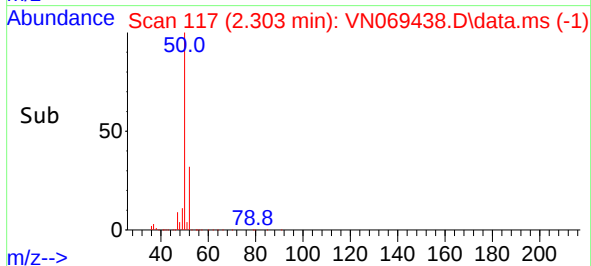
Instrument :
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ClientSampleId :
VSTDIC050



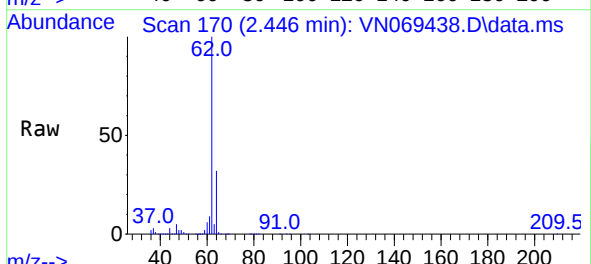
Tgt Ion: 50 Resp: 747548
Ion Ratio Lower Upper
50 100
52 32.4 27.8 41.6

Manual Integrations
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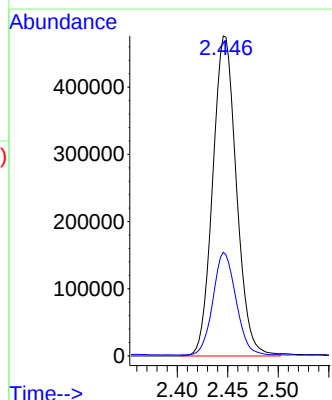
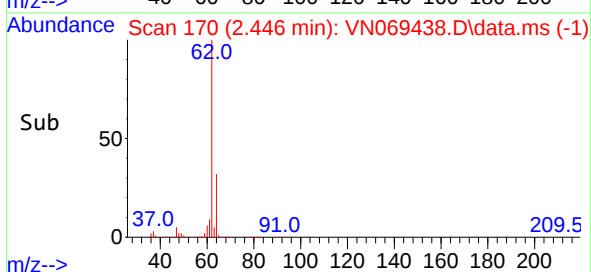
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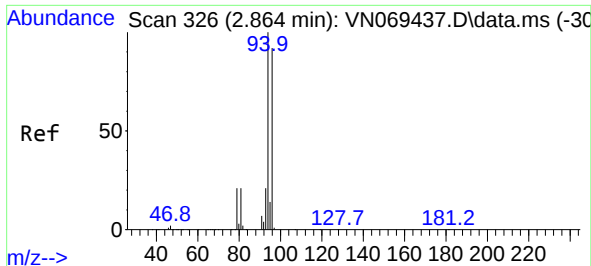


#4
Vinyl Chloride
Concen: 51.654 ug/l
RT: 2.446 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



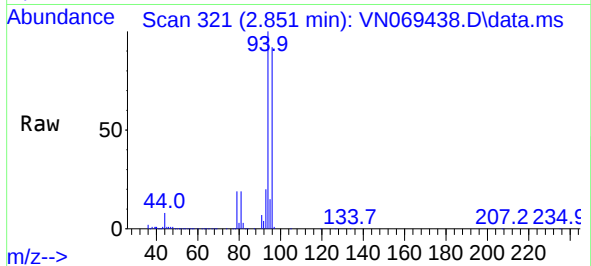
Tgt Ion: 62 Resp: 777581
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7





#5
Bromomethane
Concen: 45.821 ug/l
RT: 2.851 min Scan# 31
Delta R.T. -0.013 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

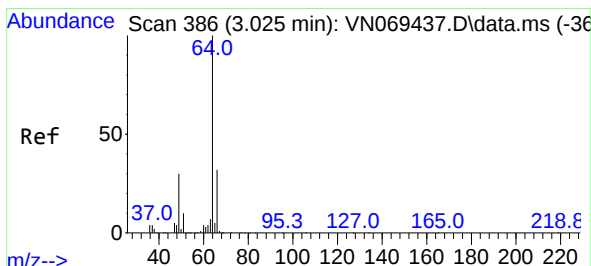
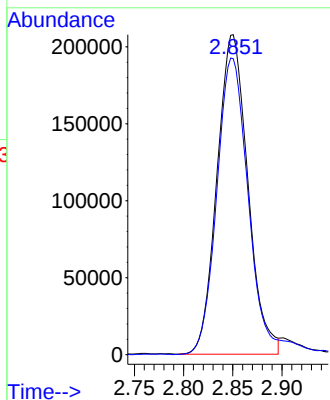
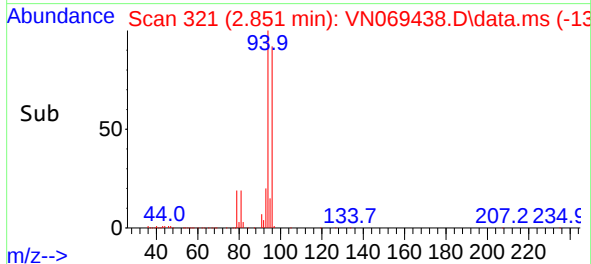
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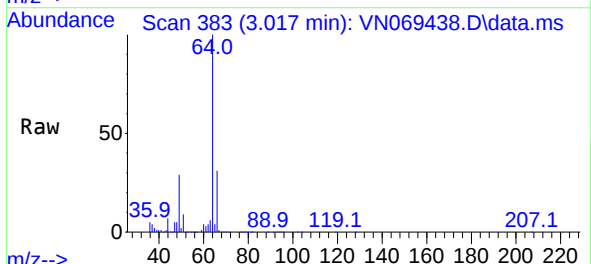
Tgt Ion: 94 Resp: 45240
Ion Ratio Lower Upper
94 100
96 92.5 75.2 112.8

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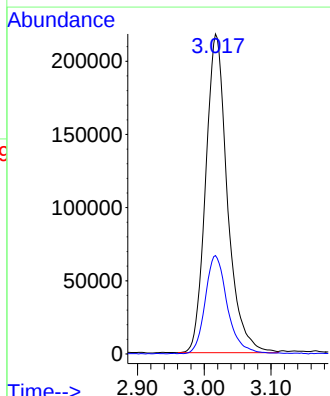
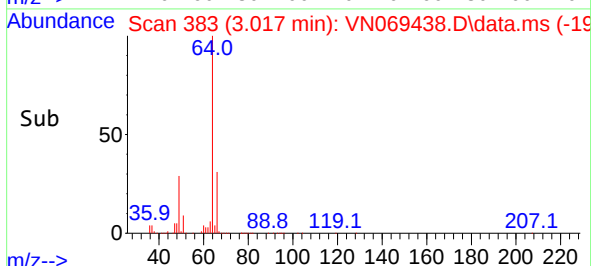
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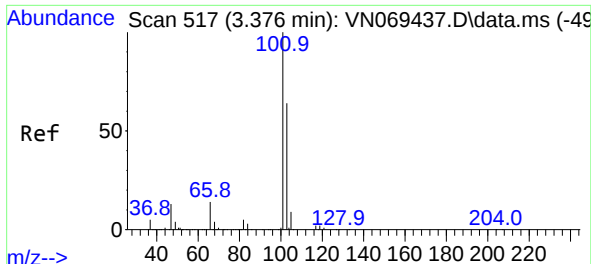


#6
Chloroethane
Concen: 50.501 ug/l
RT: 3.017 min Scan# 383
Delta R.T. -0.008 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



Tgt Ion: 64 Resp: 492786
Ion Ratio Lower Upper
64 100
66 30.8 24.6 36.8





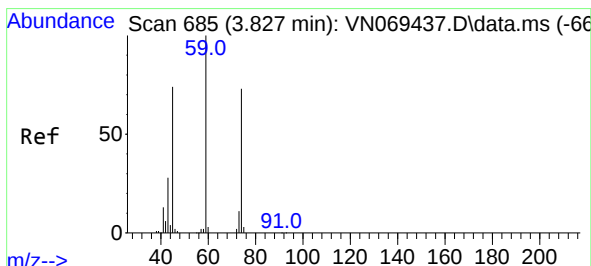
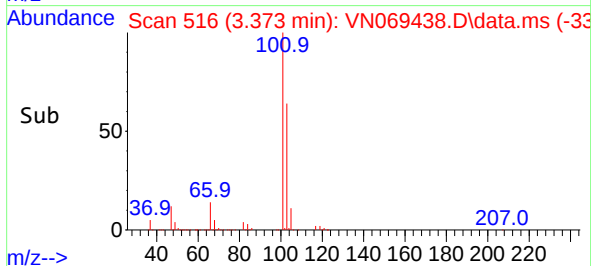
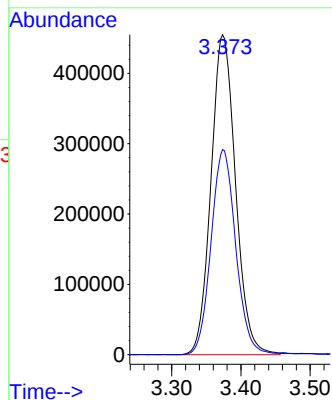
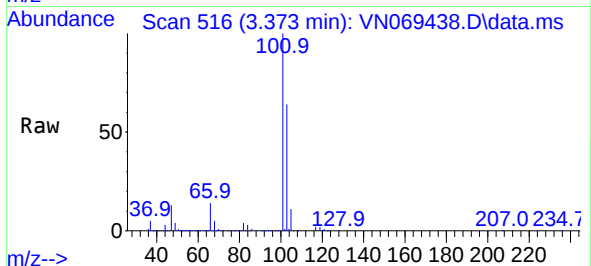
#7
Trichlorofluoromethane
Concen: 57.556 ug/l
RT: 3.373 min Scan# 517
Delta R.T. -0.005 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :
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ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 1121968
Ion Ratio Lower Upper
101 100
103 64.1 50.1 75.1

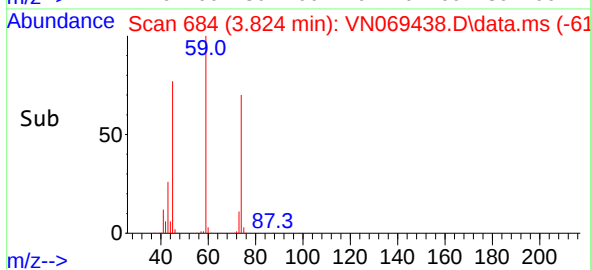
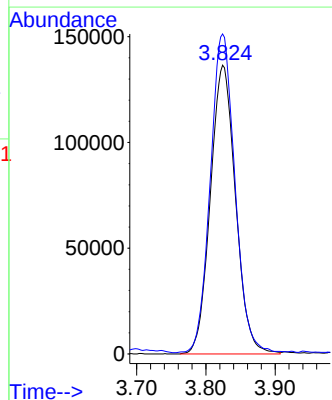
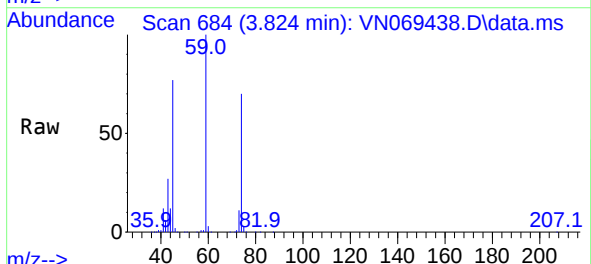
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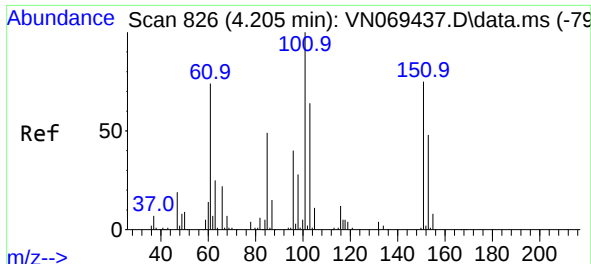
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#8
Diethyl Ether
Concen: 49.962 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.005 min
Lab File: VN069438.D
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Tgt Ion: 74 Resp: 344828
Ion Ratio Lower Upper
74 100
45 107.5 17.6 158.8





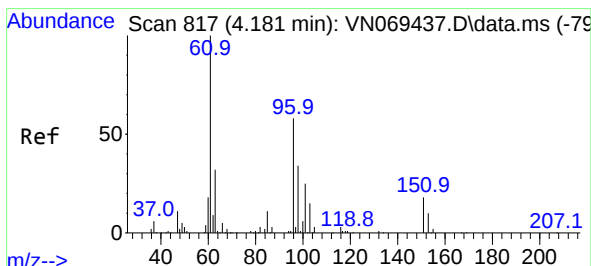
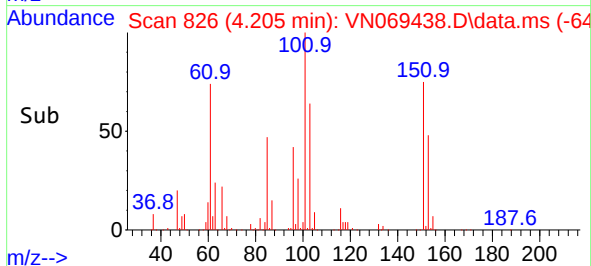
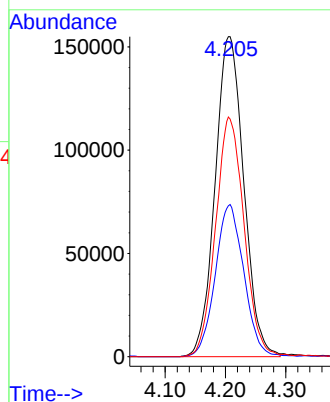
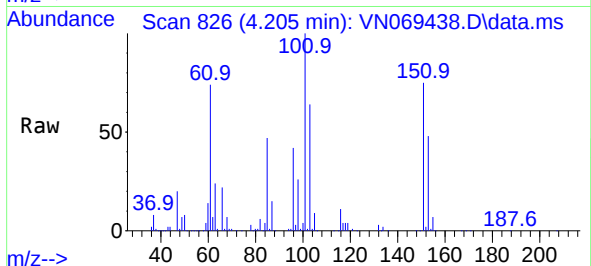
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.394 ug/l
RT: 4.205 min Scan# 815
Delta R.T. -0.016 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:101 Resp: 51251
Ion Ratio Lower Upper
101 100
85 47.4 0.0 94.0
151 74.2 0.0 74.6

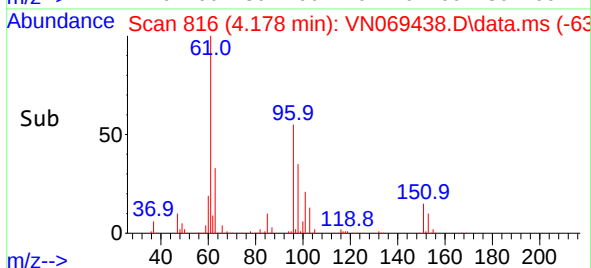
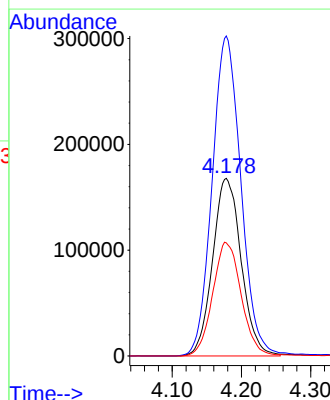
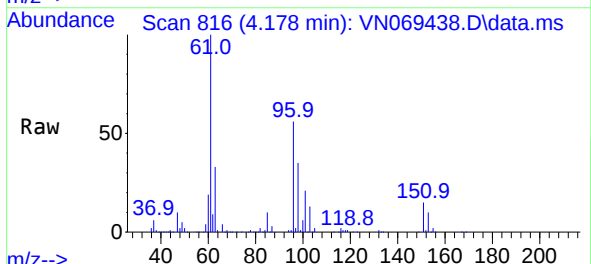
Manual Integrations
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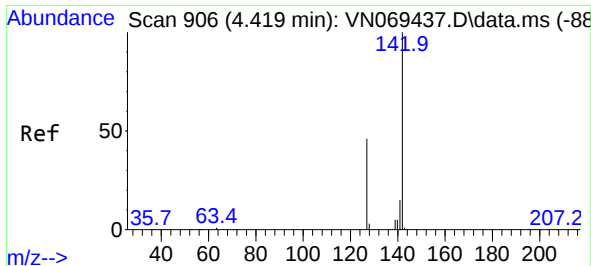
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#10
1,1-Dichloroethene
Concen: 46.695 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.013 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

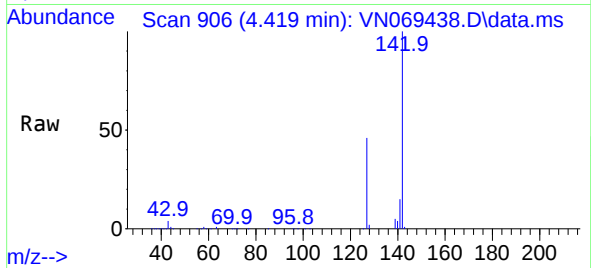
Tgt Ion: 96 Resp: 482477
Ion Ratio Lower Upper
96 100
61 179.9 126.2 189.4
98 63.7 50.9 76.3





#11
Methyl Iodide
Concen: 47.424 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.011 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

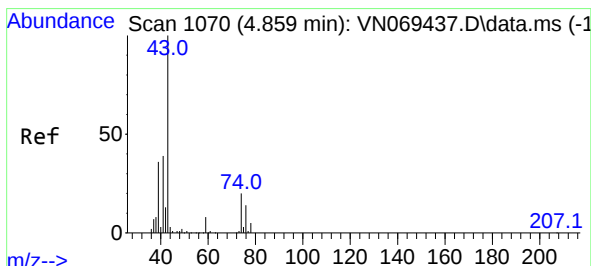
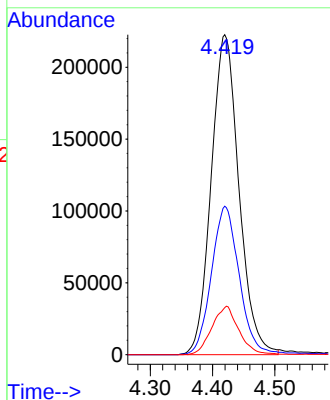
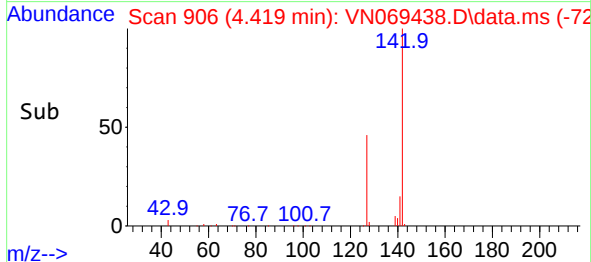
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



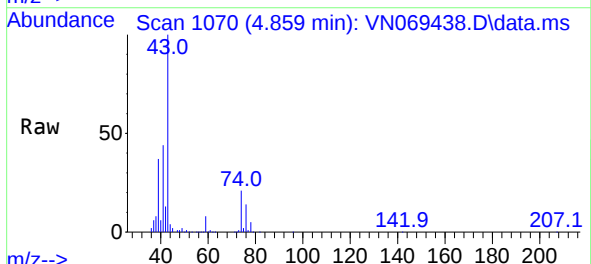
Tgt Ion:142 Resp: 68898
Ion Ratio Lower Upper
142 100
127 46.3 24.0 72.0
141 14.7 8.4 25.2

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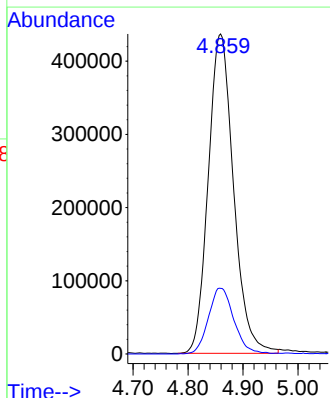
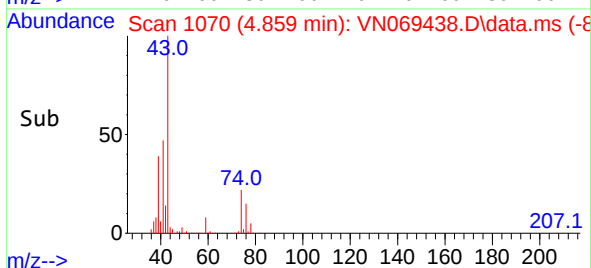
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

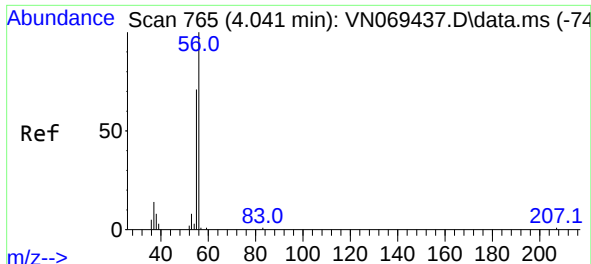


#12
Methyl Acetate
Concen: 70.983 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



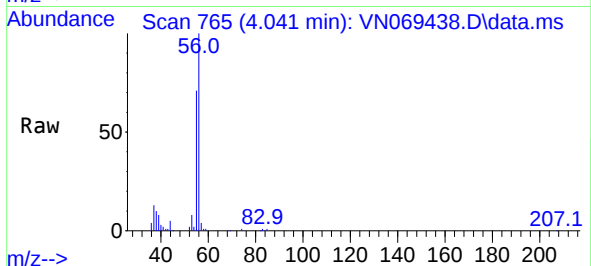
Tgt Ion: 43 Resp: 1396837
Ion Ratio Lower Upper
43 100
74 20.6 20.8 31.2#





#13
Acrolein
Concen: 148.710 ug/l
RT: 4.041 min Scan# 765
Delta R.T. -0.005 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

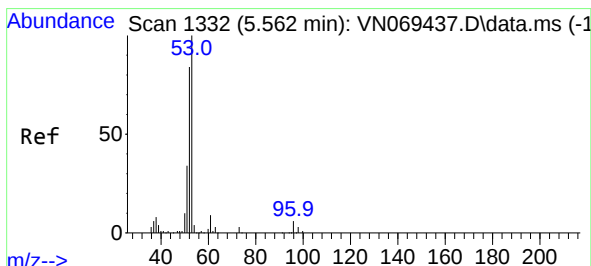
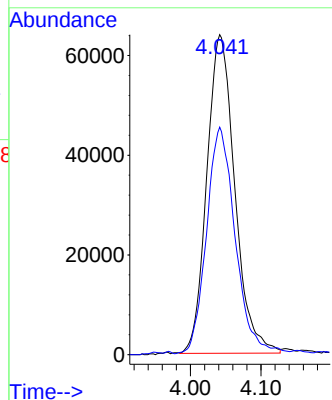
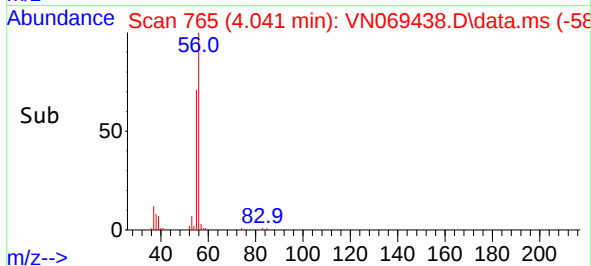
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



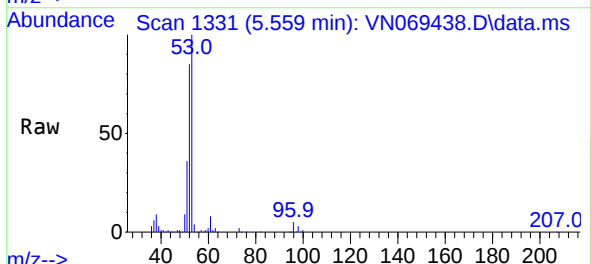
Tgt Ion: 56 Resp: 176302
Ion Ratio Lower Upper
56 100
55 72.1 57.6 86.4

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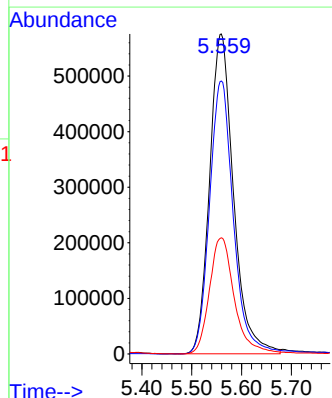
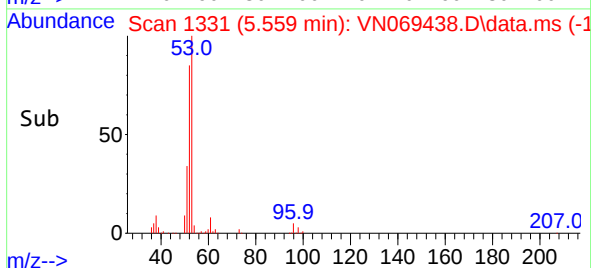
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

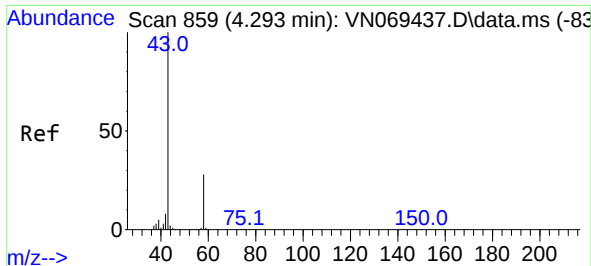


#14
Acrylonitrile
Concen: 344.118 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.003 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



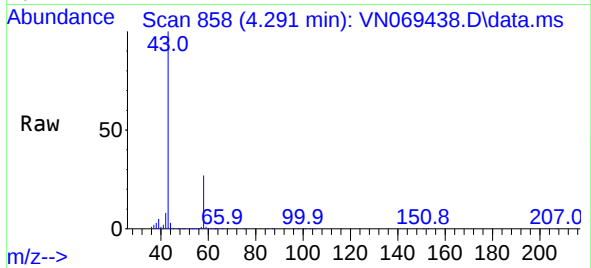
Tgt Ion: 53 Resp: 1921410
Ion Ratio Lower Upper
53 100
52 84.8 41.8 125.4
51 37.8 19.0 57.0





#15
Acetone
Concen: 389.732 ug/l
RT: 4.291 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

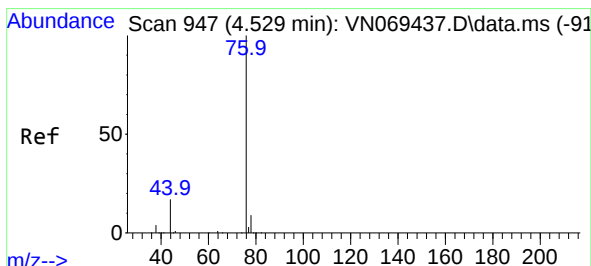
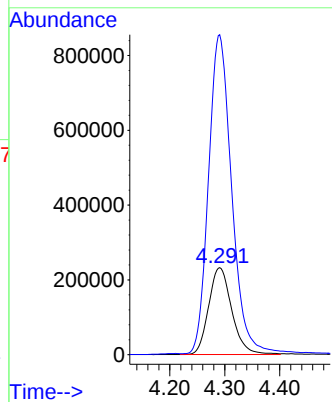
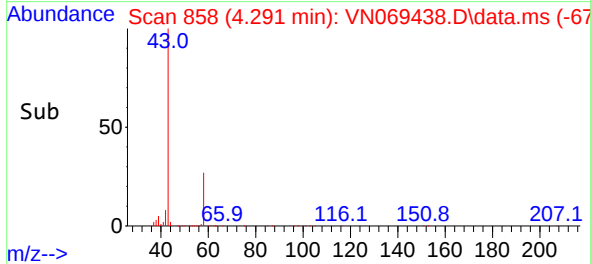
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC050



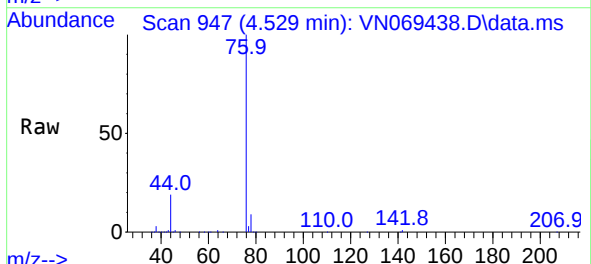
Tgt Ion: 58 Resp: 68025
Ion Ratio Lower Upper
58 100
43 367.3 256.6 384.8

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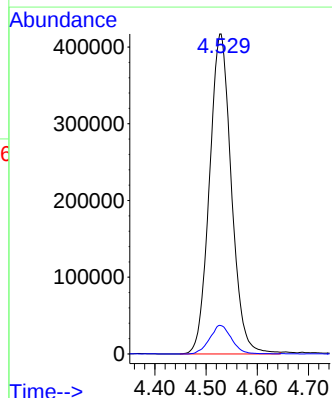
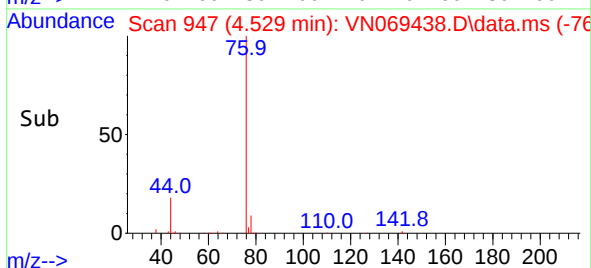
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

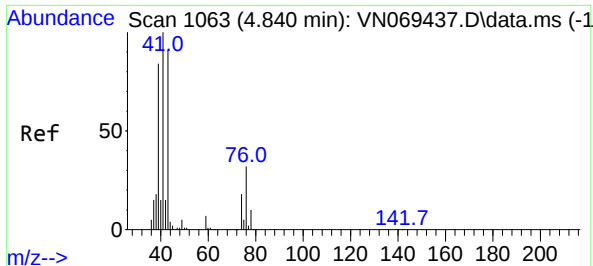


#16
Carbon Disulfide
Concen: 44.656 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.008 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



Tgt Ion: 76 Resp: 1239819
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8





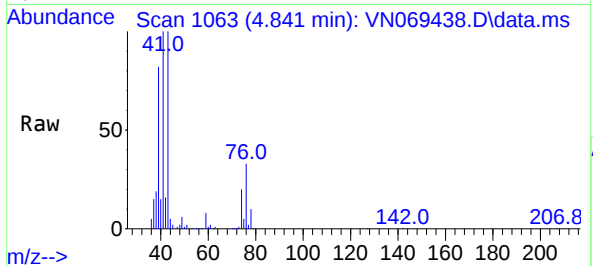
#17
Allyl chloride
Concen: 58.871 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. -0.005 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050



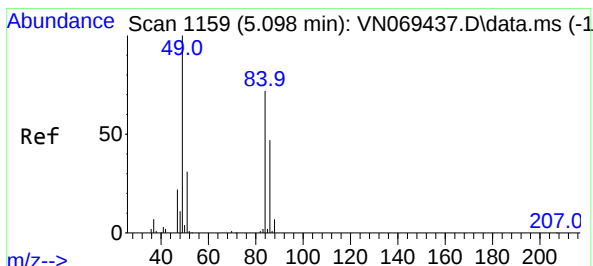
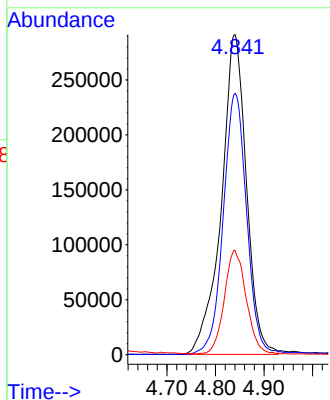
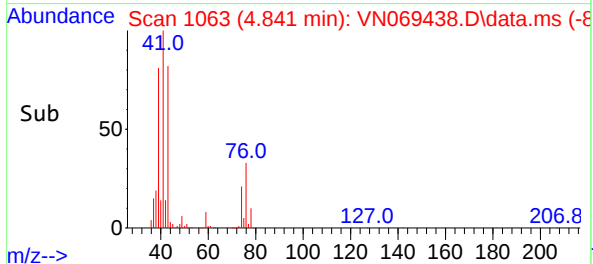
Tgt Ion: 41 Resp: 1047500
Ion Ratio Lower Upper
41 100
39 81.6 44.6 134.0
76 32.2 19.6 58.7

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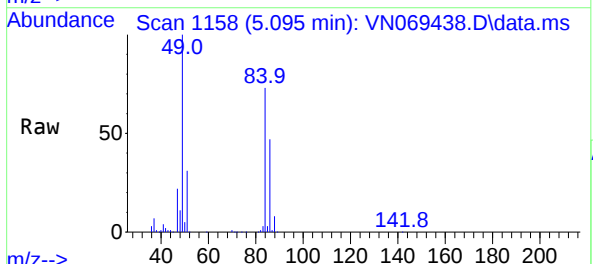
APPROVED

Reviewed By :John Carlone 11/11/2021

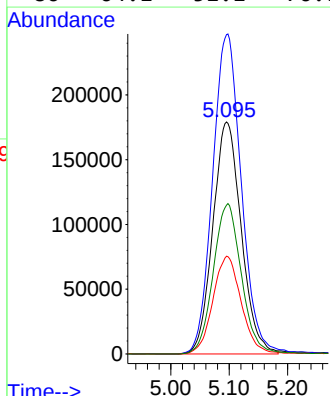
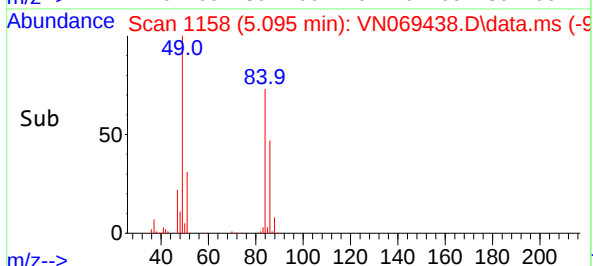
Supervised By :Semsettin Yesilyurt 11/16/2021

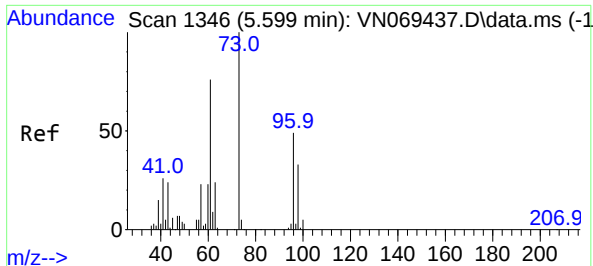


#18
Methylene Chloride
Concen: 49.251 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. -0.005 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



Tgt Ion: 84 Resp: 604711
Ion Ratio Lower Upper
84 100
49 137.6 91.4 137.0#
51 42.1 29.4 44.0
86 64.1 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 47.904 ug/l

RT: 5.597 min Scan# 11

Delta R.T. -0.008 min

Lab File: VN069438.D

Acq: 10 Nov 2021 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 96 Resp: 53748

Ion Ratio Lower Upper

96 100

61 149.8 102.8 154.2

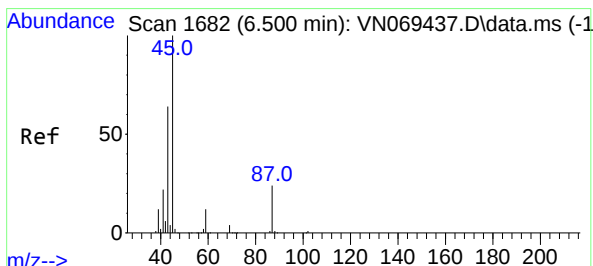
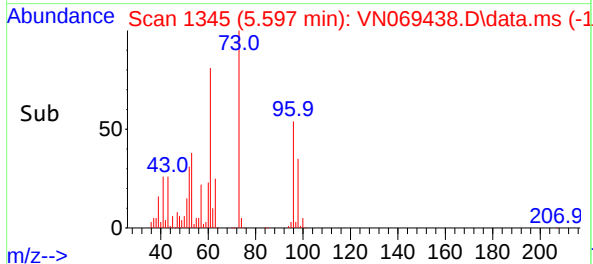
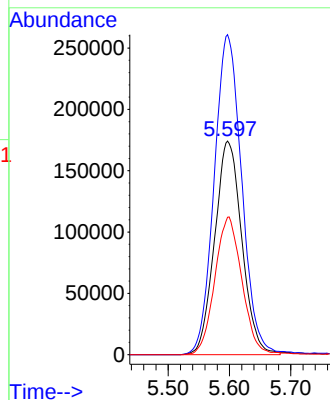
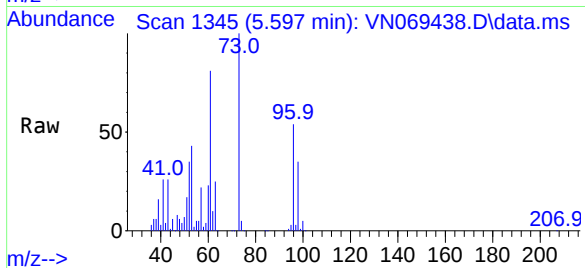
98 64.4 49.3 73.9

Manual Integrations

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Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#20

Diisopropyl ether

Concen: 59.549 ug/l

RT: 6.501 min Scan# 1682

Delta R.T. 0.003 min

Lab File: VN069438.D

Acq: 10 Nov 2021 13:24

Tgt Ion: 45 Resp: 2263366

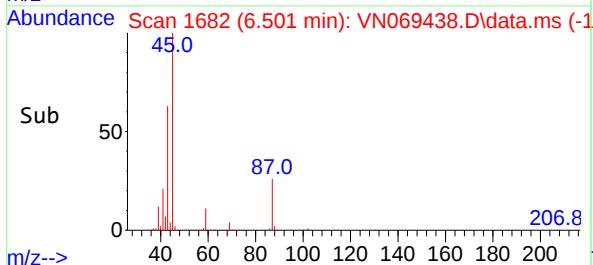
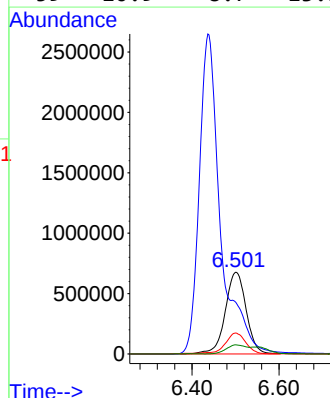
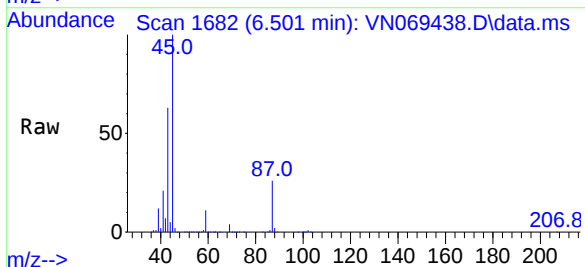
Ion Ratio Lower Upper

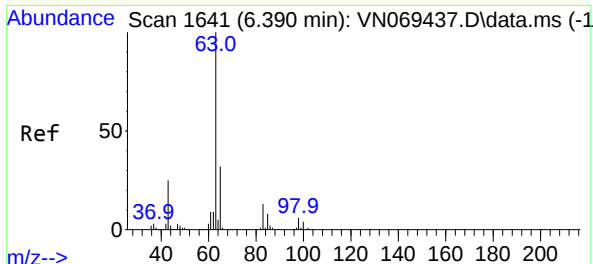
45 100

43 62.3 51.0 76.4

87 25.5 25.0 37.4

59 10.9 8.7 13.1





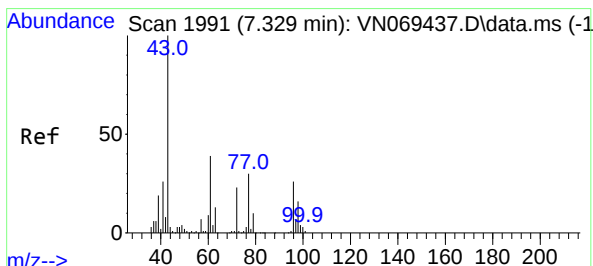
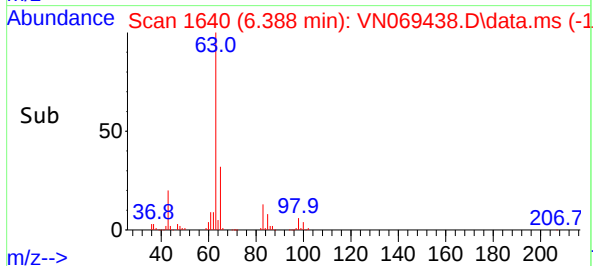
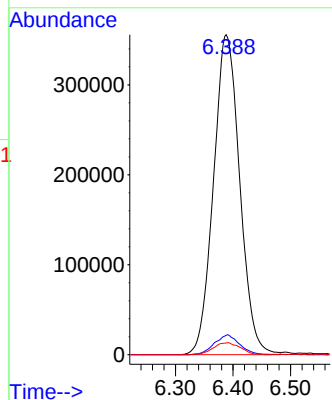
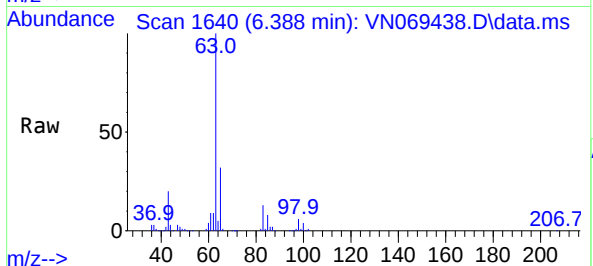
#21
1,1-Dichloroethane
Concen: 53.160 ug/l
RT: 6.388 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 112776
Ion Ratio Lower Upper
63 100
98 6.0 3.2 9.6
100 3.7 2.1 6.2

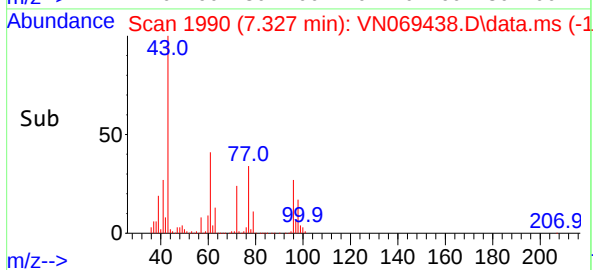
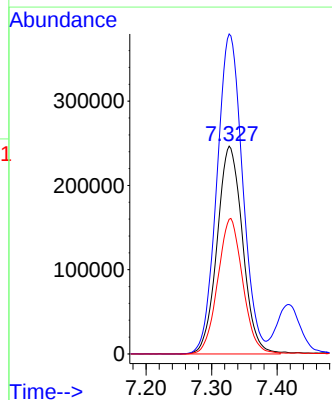
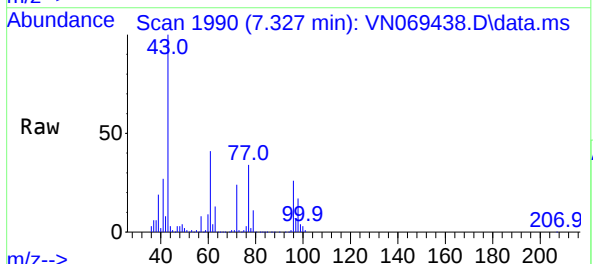
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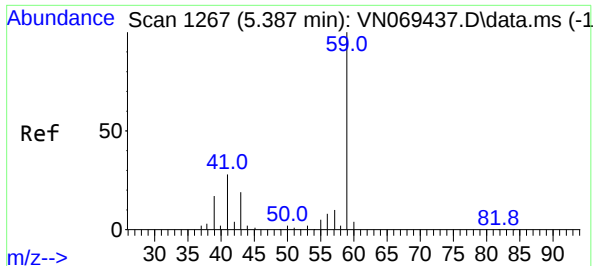
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#22
cis-1,2-Dichloroethene
Concen: 49.379 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

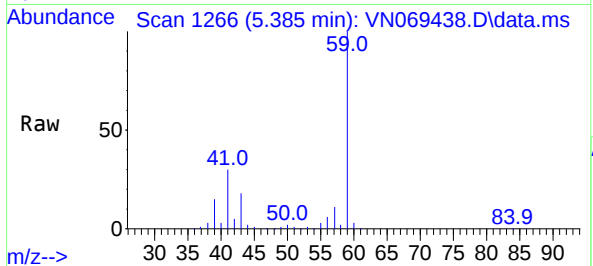
Tgt Ion: 96 Resp: 664066
Ion Ratio Lower Upper
96 100
61 156.0 115.7 173.5
98 64.1 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 292.777 ug/l
RT: 5.385 min Scan# 1267
Delta R.T. 0.019 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

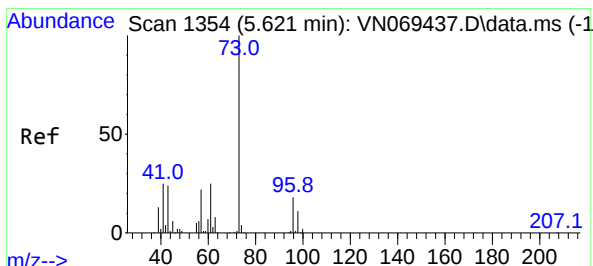
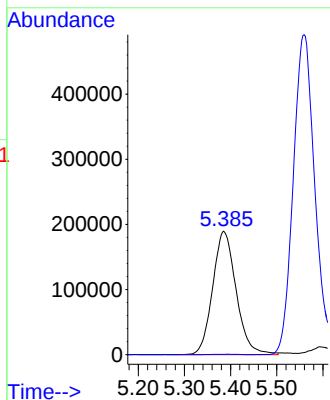
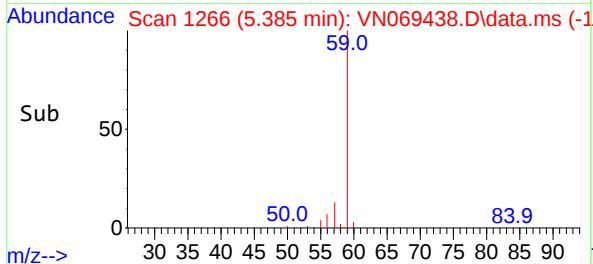
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



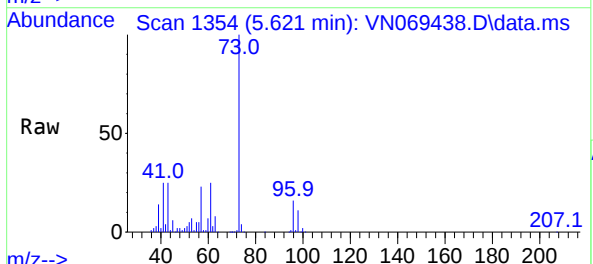
Tgt Ion: 59 Resp: 670733
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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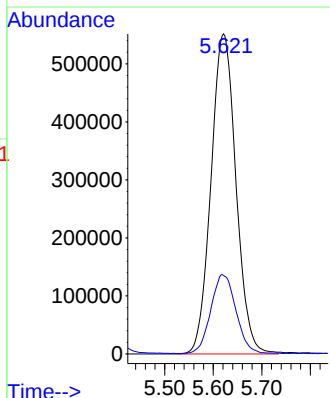
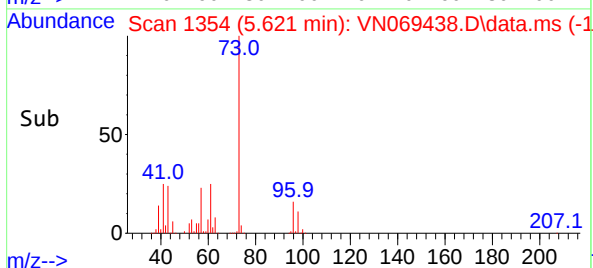
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

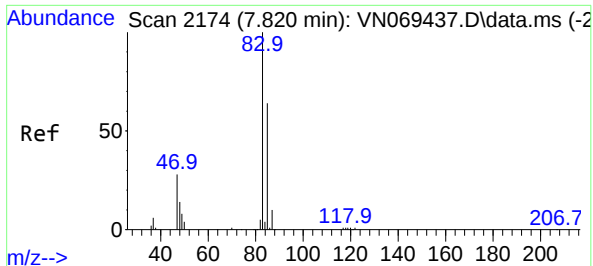


#24
Methyl tert-Butyl Ether
Concen: 50.318 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



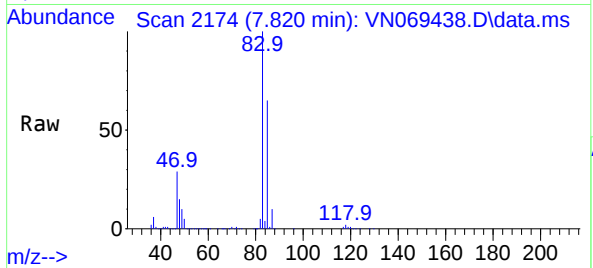
Tgt Ion: 73 Resp: 1971969
Ion Ratio Lower Upper
73 100
43 24.7 18.1 27.1





#25
Chloroform
Concen: 51.576 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

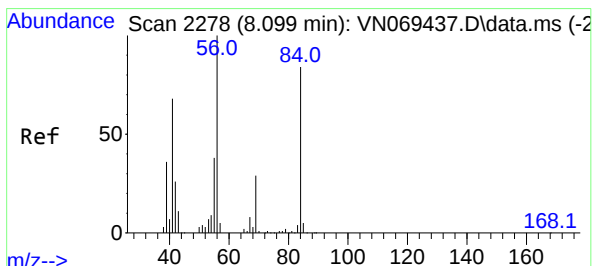
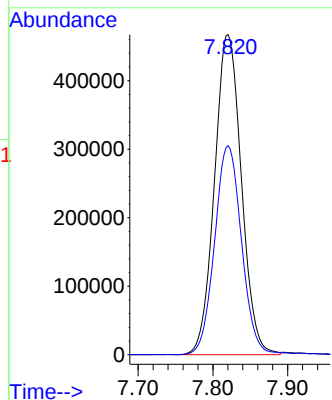
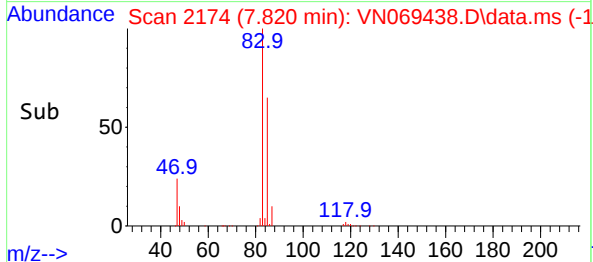
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



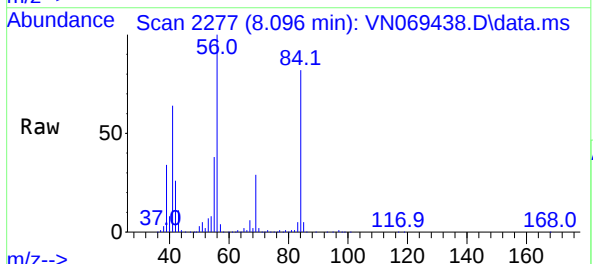
Tgt Ion: 83 Resp: 116919
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9

Manual Integrations
APPROVED

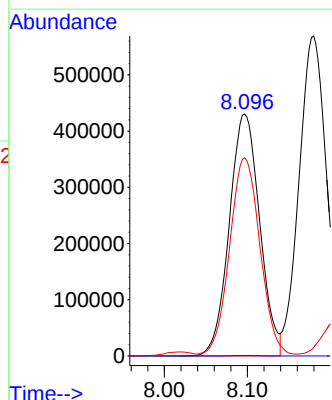
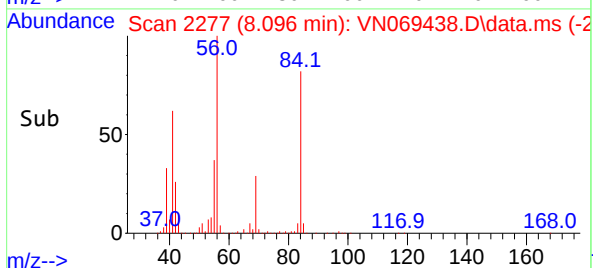
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

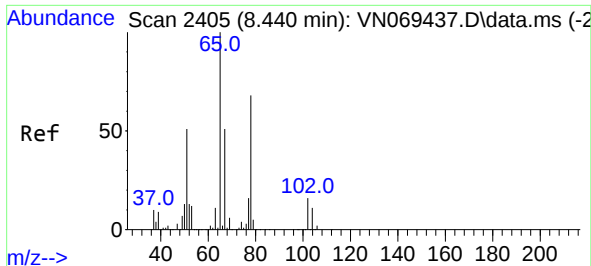


#26
Cyclohexane
Concen: 56.086 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. -0.002 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



Tgt Ion: 56 Resp: 1095935
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 81.9 74.6 111.8





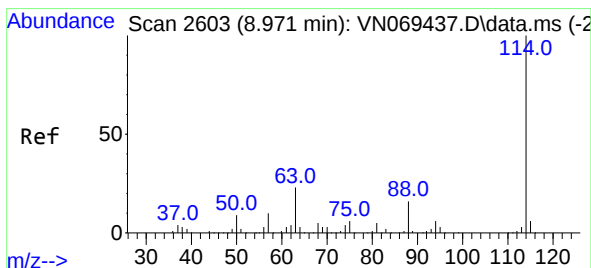
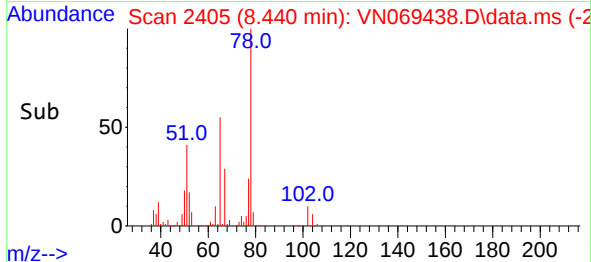
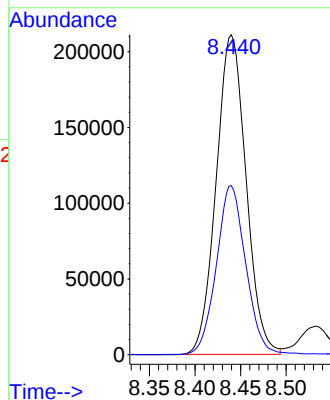
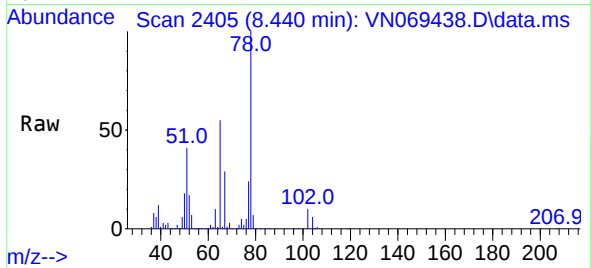
#27
1,2-Dichloroethane-d4
Concen: 33.588 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 65 Resp: 480624
Ion Ratio Lower Upper
65 100
67 52.2 40.2 60.2

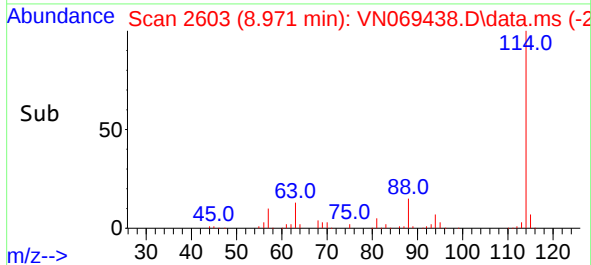
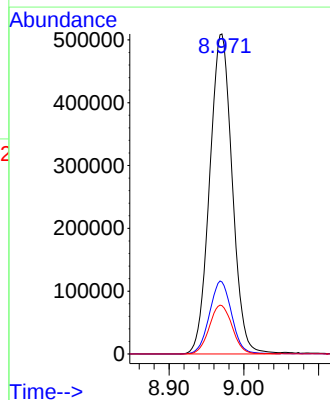
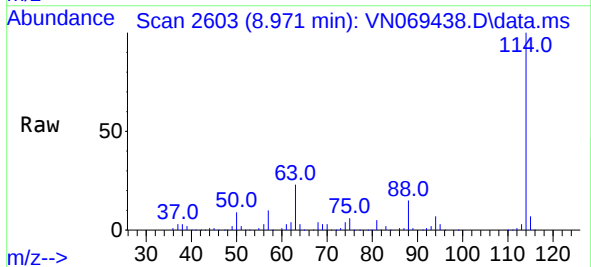
Manual Integrations
APPROVED

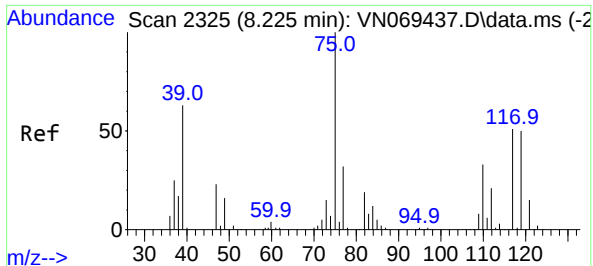
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Tgt Ion:114 Resp: 1065947
Ion Ratio Lower Upper
114 100
63 22.4 15.8 23.6
88 15.5 11.6 17.4





#29

1,1-Dichloropropene

Concen: 51.736 ug/l

RT: 8.223 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN069438.D

Acq: 10 Nov 2021 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 867894

Ion Ratio Lower Upper

75 100

110 33.1 0.0 74.2

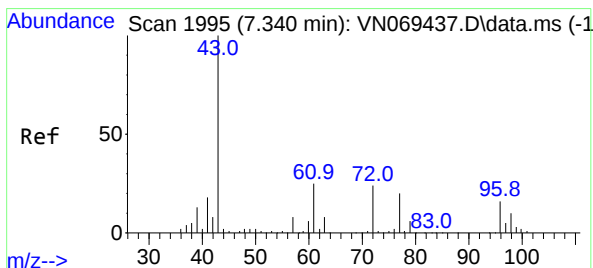
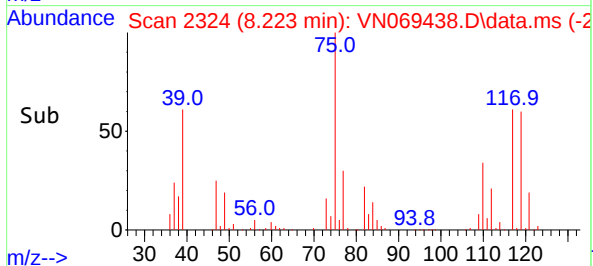
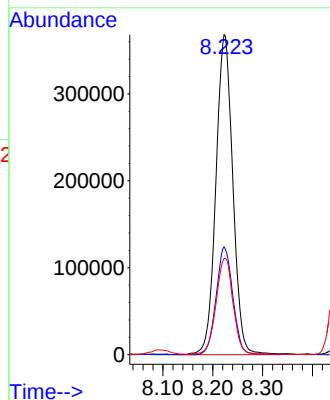
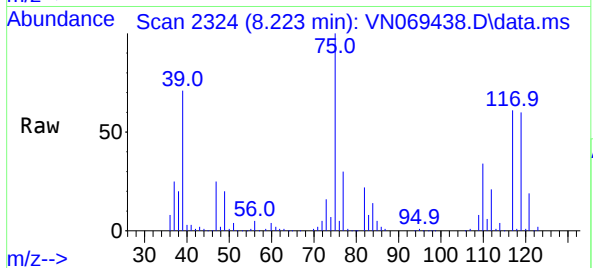
77 30.1 0.0 63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#30

2-Butanone

Concen: 398.929 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069438.D

Acq: 10 Nov 2021 13:24

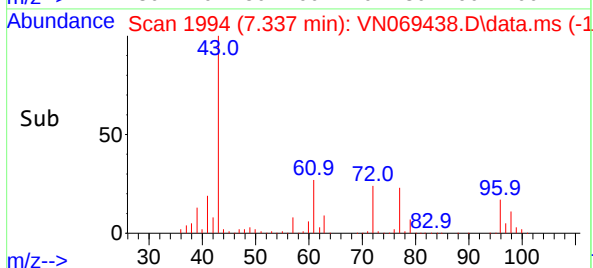
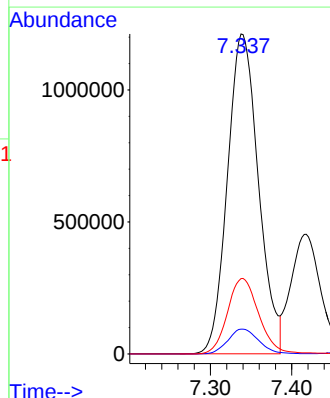
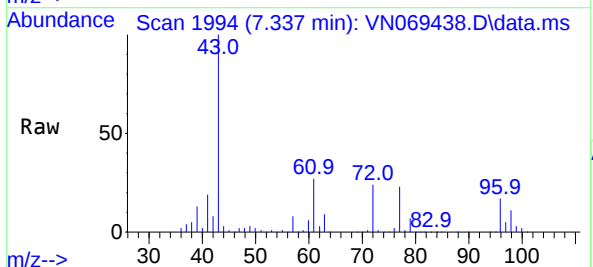
Tgt Ion: 43 Resp: 3213325

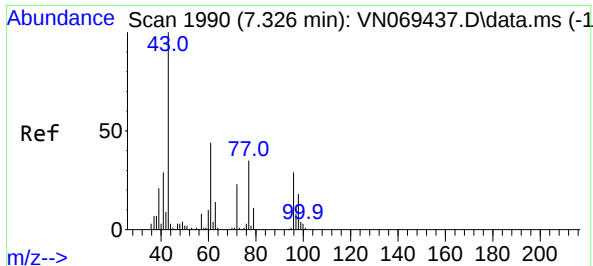
Ion Ratio Lower Upper

43 100

57 7.8 6.7 10.1

72 24.0 23.2 34.8





#31
2,2-Dichloropropane
Concen: 45.370 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :

MSVOA_N

ClientSampleId :

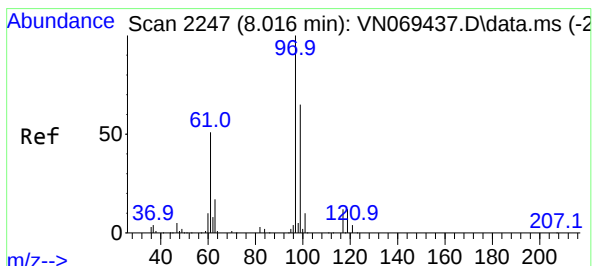
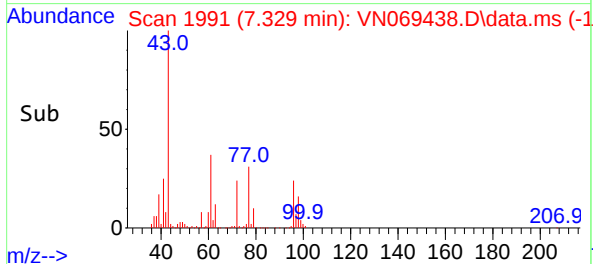
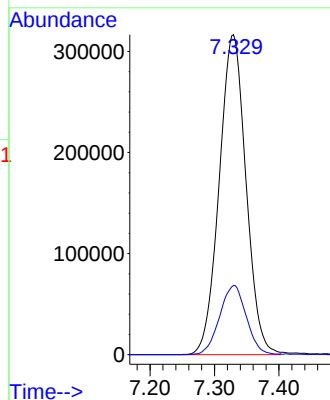
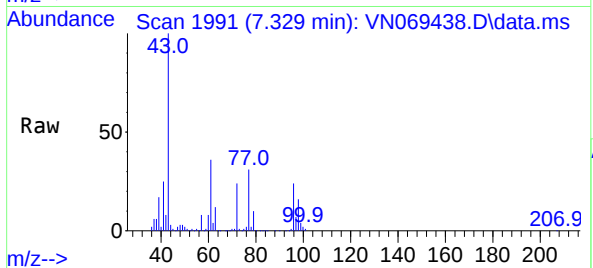
VSTDICC050

Tgt Ion: 77 Resp: 91178
Ion Ratio Lower Upper
77 100
97 21.7 18.3 27.5

Manual Integrations

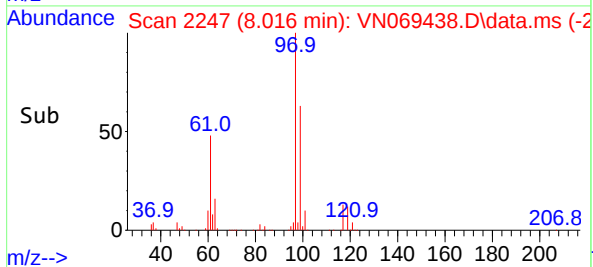
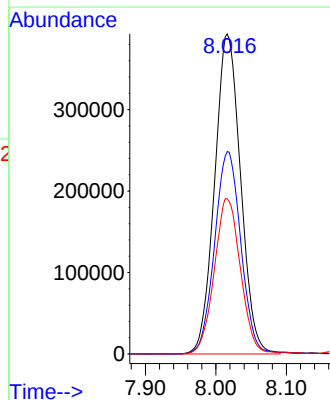
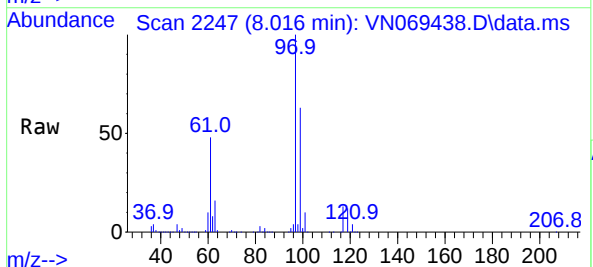
APPROVED

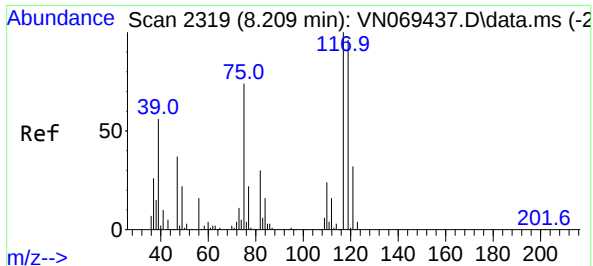
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#32
1,1,1-Trichloroethane
Concen: 48.125 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Tgt Ion: 97 Resp: 1004498
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 48.7 34.6 51.8





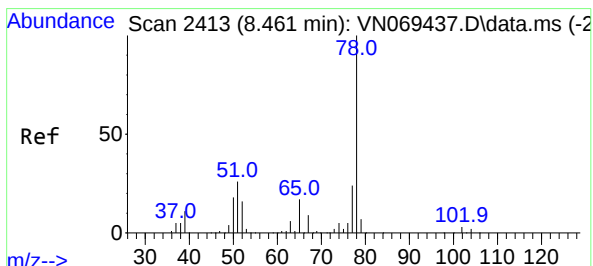
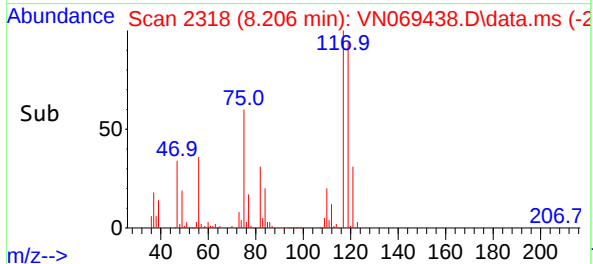
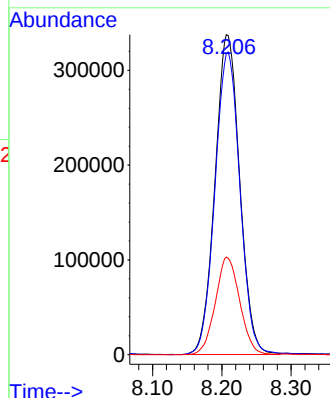
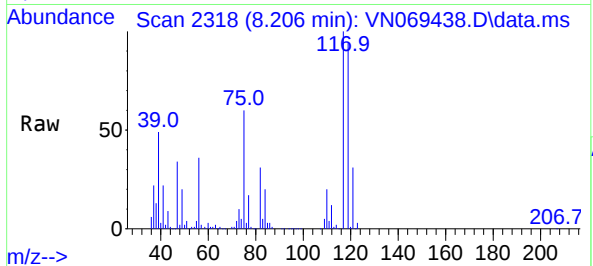
#33
Carbon Tetrachloride
Concen: 47.171 ug/l
RT: 8.206 min Scan# 2117
Delta R.T. -0.002 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:117 Resp: 836292
Ion Ratio Lower Upper
117 100
119 94.0 77.5 116.3
121 30.5 23.5 35.3

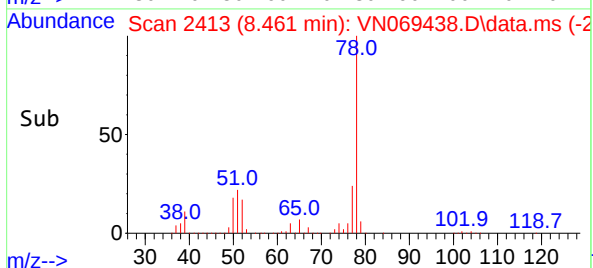
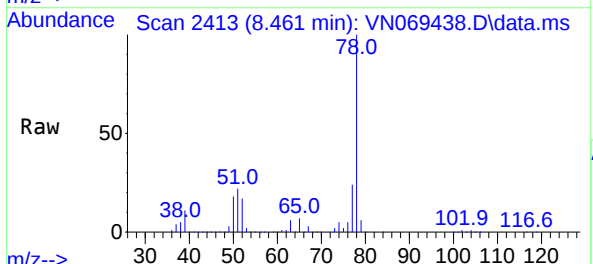
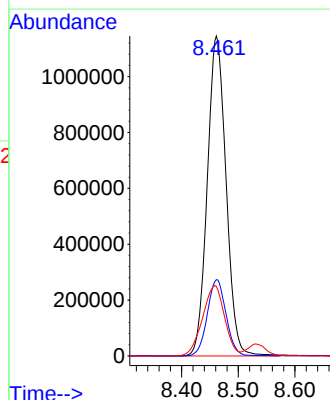
Manual Integrations
APPROVED

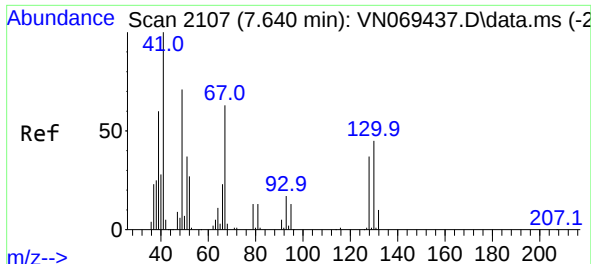
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#34
Benzene
Concen: 52.658 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Tgt Ion: 78 Resp: 2637728
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7
51 21.6 16.0 24.0





#35
Methacrylonitrile
Concen: 70.100 ug/l
RT: 7.641 min Scan# 2107
Delta R.T. 0.006 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :

MSVOA_N

ClientSampleId :

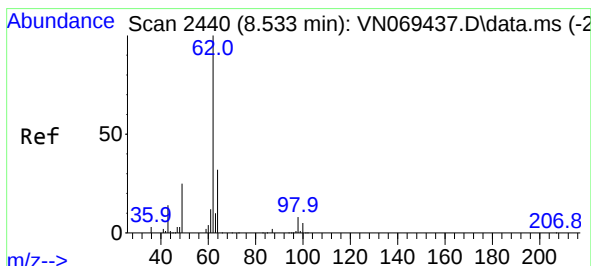
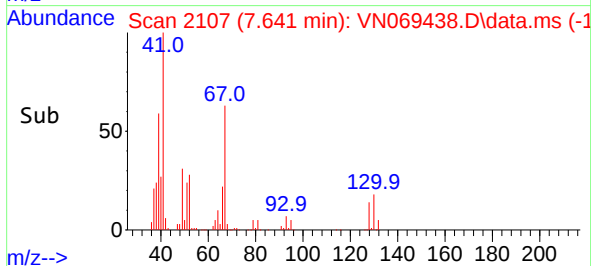
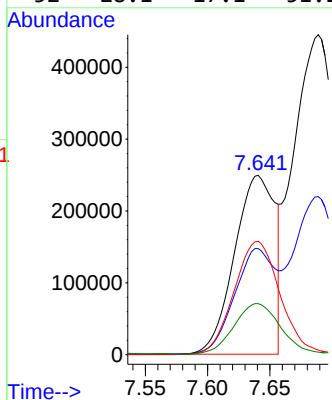
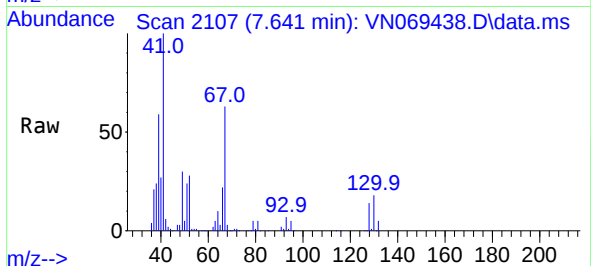
VSTDICC050

Tgt Ion: 41 Resp: 56273
Ion Ratio Lower Upper
41 100
39 58.8 28.0 83.9
67 63.3 37.7 113.1
52 28.1 17.1 51.2

Manual Integrations

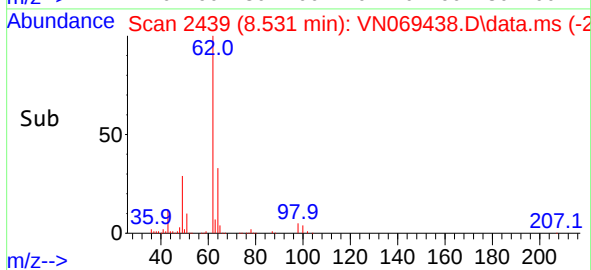
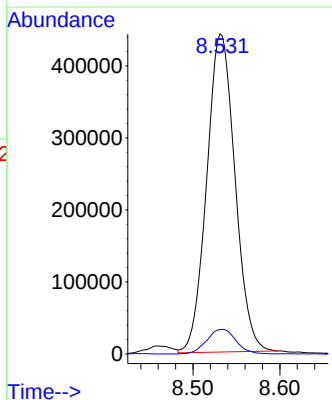
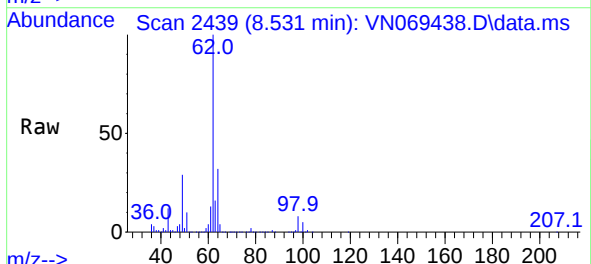
APPROVED

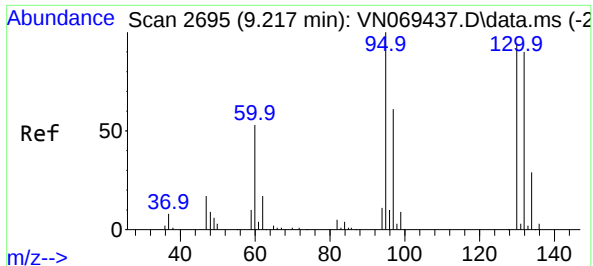
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#36
1,2-Dichloroethane
Concen: 55.251 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.002 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Tgt Ion: 62 Resp: 998856
Ion Ratio Lower Upper
62 100
98 8.0 6.6 10.0





#37

Trichloroethene

Concen: 49.347 ug/l

RT: 9.218 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN069438.D

Acq: 10 Nov 2021 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:130 Resp: 62855

Ion Ratio Lower Upper

130 100

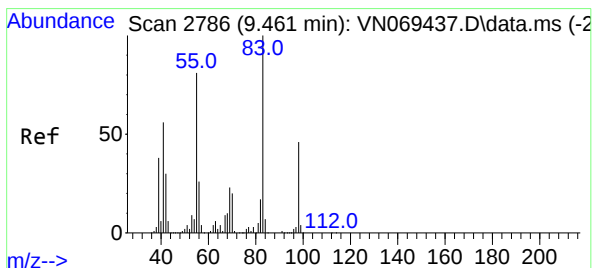
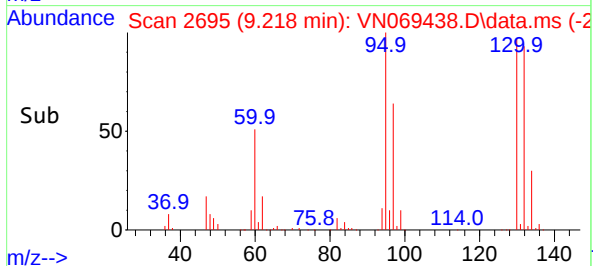
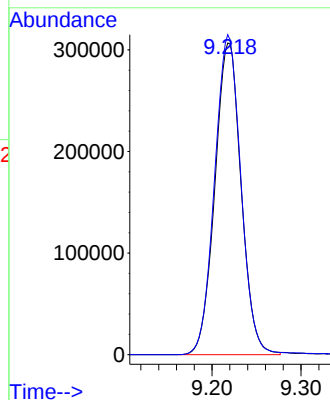
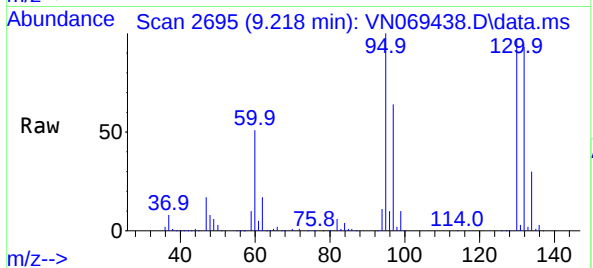
95 102.6 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#38

Methylcyclohexane

Concen: 50.340 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN069438.D

Acq: 10 Nov 2021 13:24

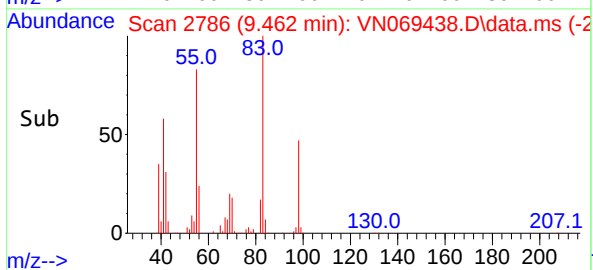
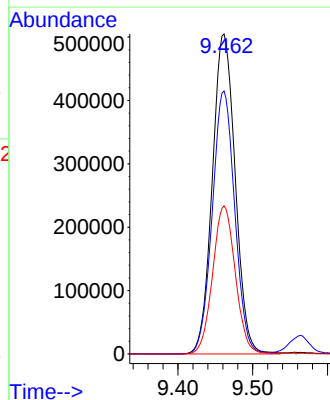
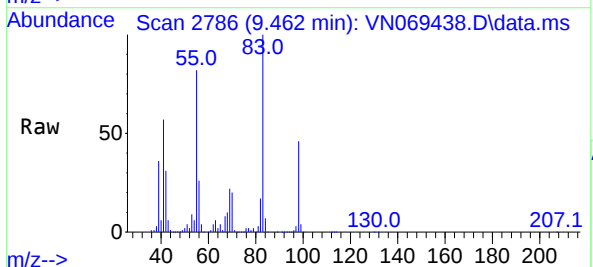
Tgt Ion: 83 Resp: 1075045

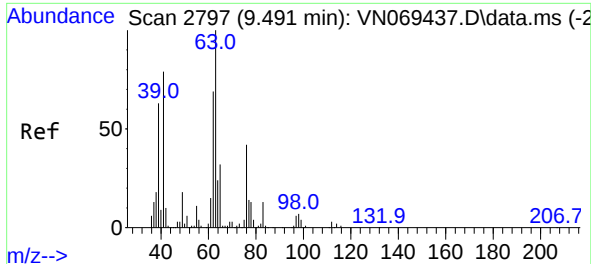
Ion Ratio Lower Upper

83 100

55 80.8 35.1 105.3

98 45.8 23.4 70.2





#39
1,2-Dichloropropane
Concen: 54.921 ug/l
RT: 9.491 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :

MSVOA_N

ClientSampleId :

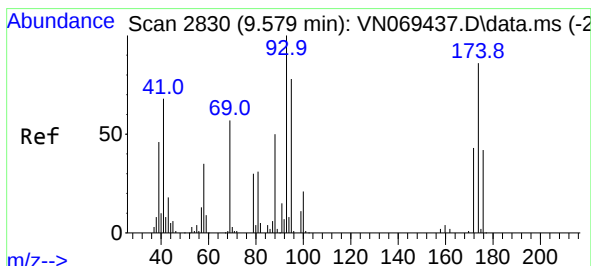
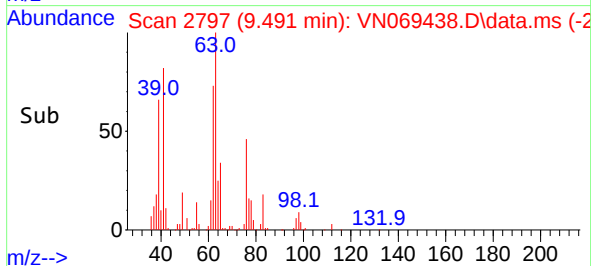
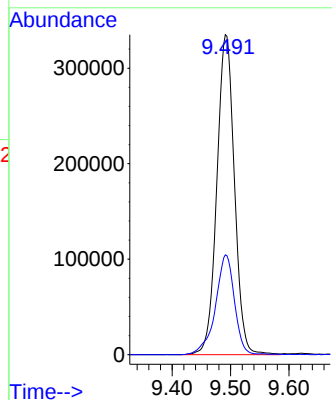
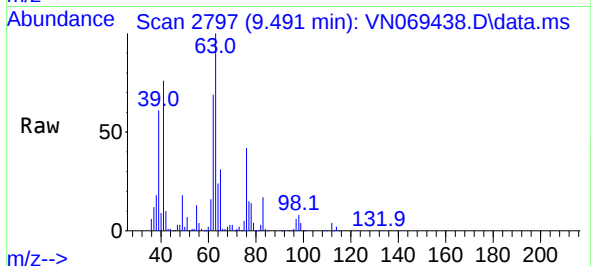
VSTDICC050

Tgt Ion: 63 Resp: 70152
Ion Ratio Lower Upper
63 100
65 31.2 24.2 36.4

Manual Integrations

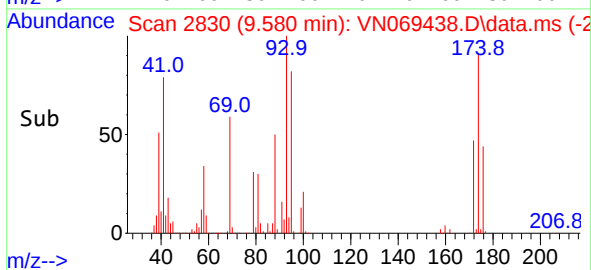
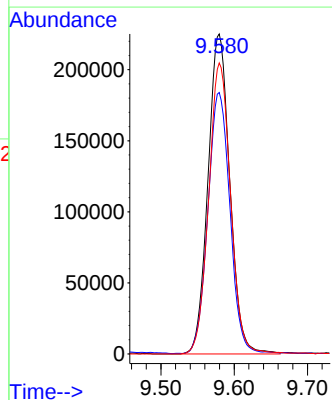
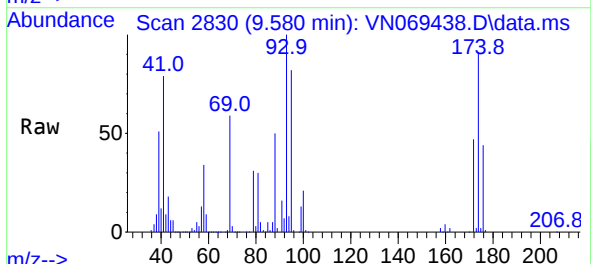
APPROVED

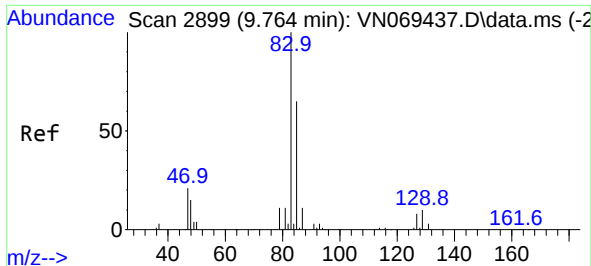
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#40
Dibromomethane
Concen: 52.288 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Tgt Ion: 93 Resp: 466955
Ion Ratio Lower Upper
93 100
95 81.9 0.0 168.8
174 91.0 0.0 173.6





#41
Bromodichloromethane
Concen: 49.752 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :

MSVOA_N

ClientSampleId :

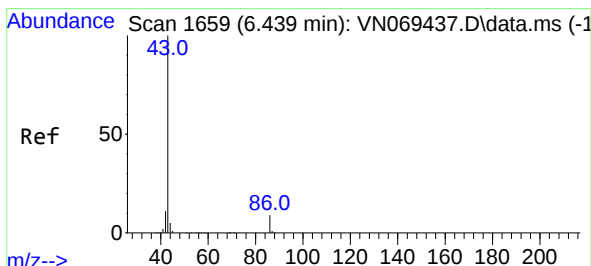
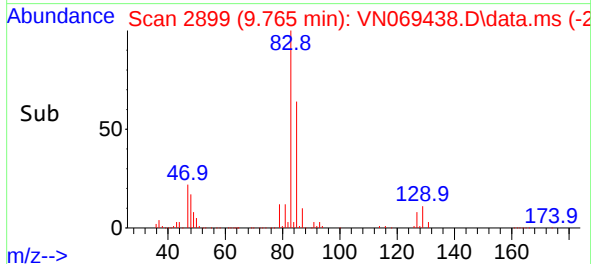
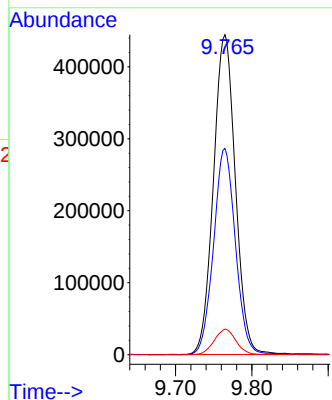
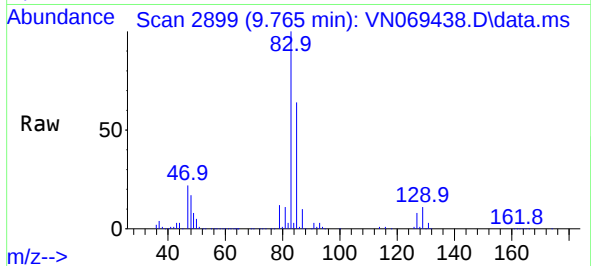
VSTDICC050

Tgt Ion: 83 Resp: 88782
Ion Ratio Lower Upper
83 100
85 64.5 54.1 81.1
127 8.0 7.6 11.4

Manual Integrations

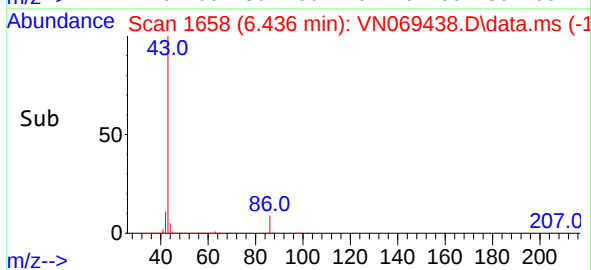
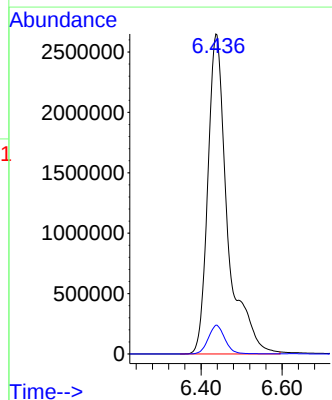
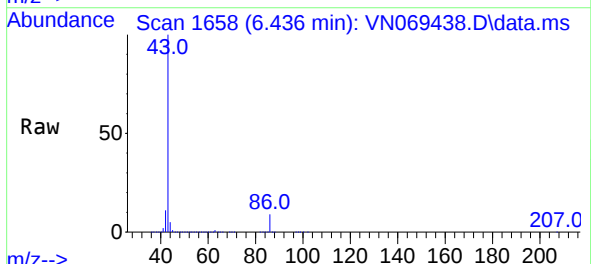
APPROVED

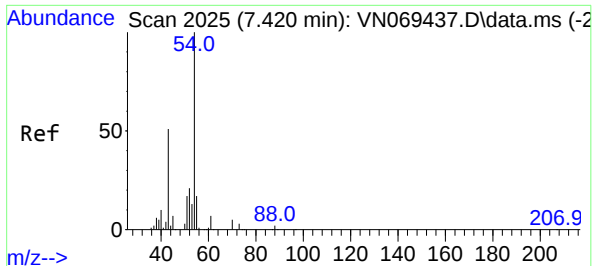
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#42
Vinyl Acetate
Concen: 311.469 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Tgt Ion: 43 Resp: 8952143
Ion Ratio Lower Upper
43 100
86 7.5 7.5 11.3





#43

Ethyl Acetate

Concen: 72.899 ug/l

RT: 7.418 min Scan# 2024

Delta R.T. 0.006 min

Lab File: VN069438.D

Acq: 10 Nov 2021 13:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 1145436

Ion Ratio Lower Upper

43 100

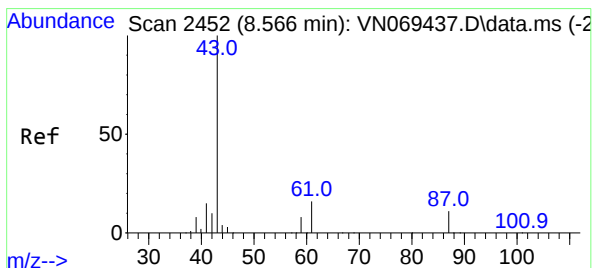
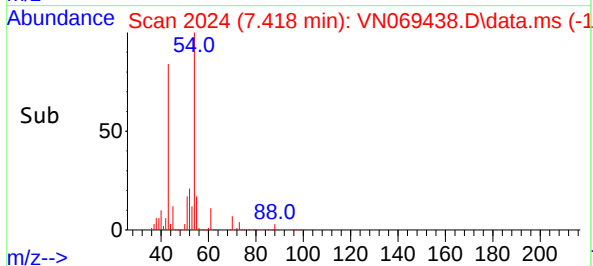
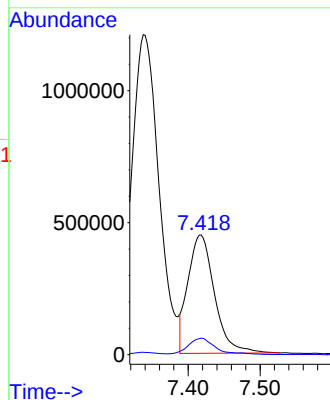
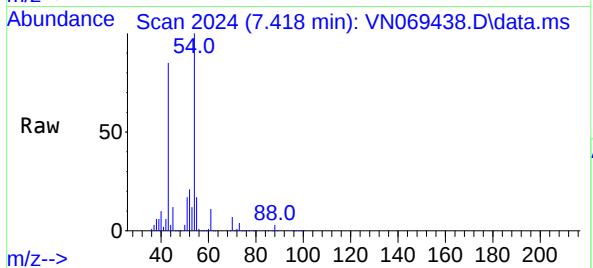
45 12.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#44

Isopropyl Acetate

Concen: 62.553 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. 0.003 min

Lab File: VN069438.D

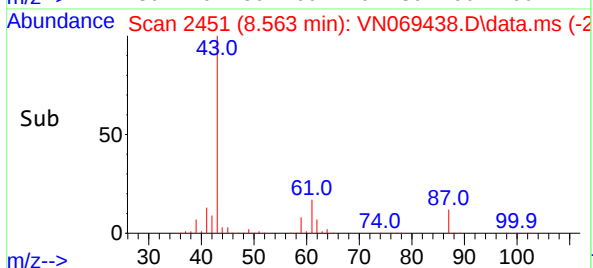
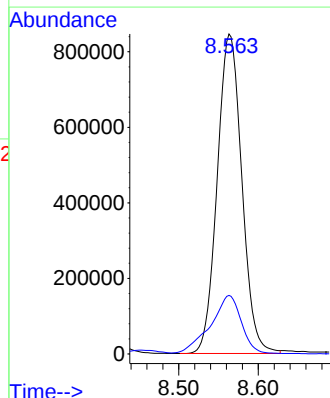
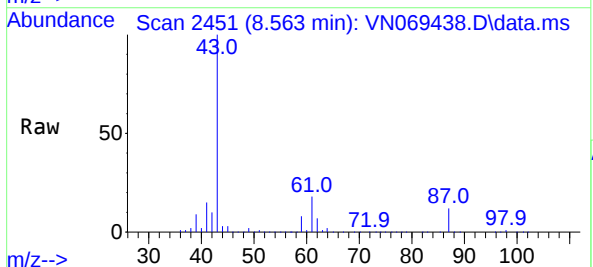
Acq: 10 Nov 2021 13:24

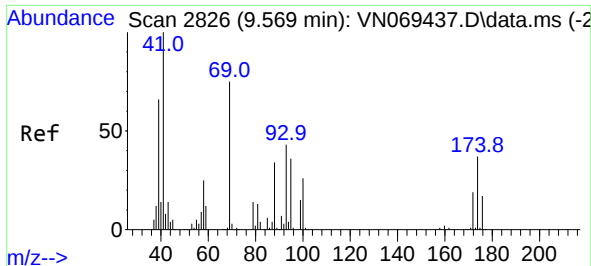
Tgt Ion: 43 Resp: 1819935

Ion Ratio Lower Upper

43 100

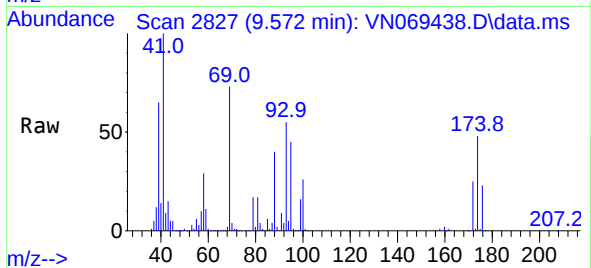
61 22.8 20.1 30.1





#45
1,4-Dioxane
Concen: 1263.324 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. 0.003 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

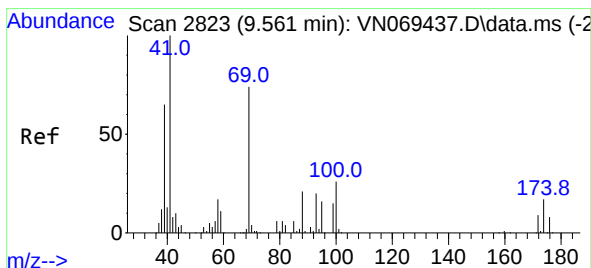
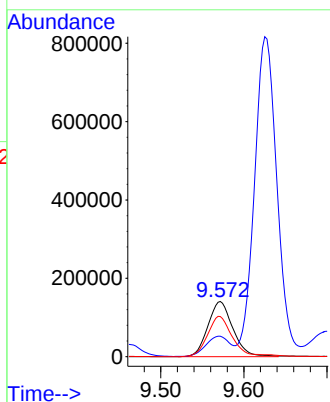
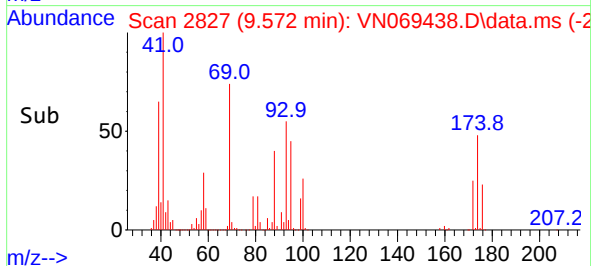
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



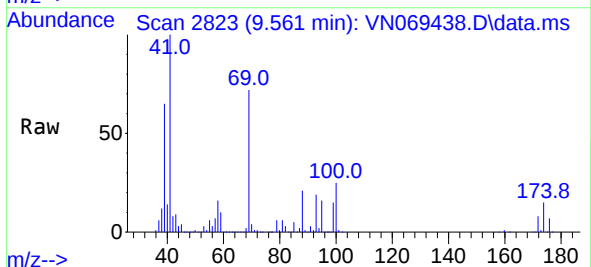
Tgt Ion: 88 Resp: 29416
Ion Ratio Lower Upper
88 100
43 36.0 25.0 37.6
58 72.2 49.4 74.2

Manual Integrations
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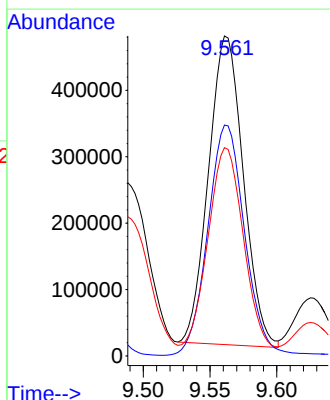
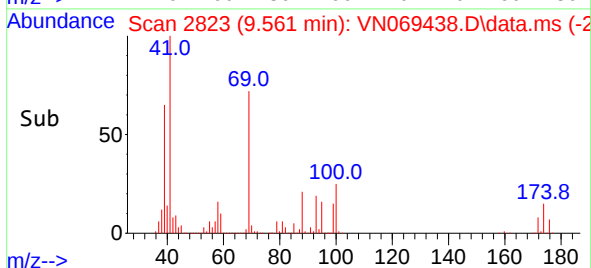
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

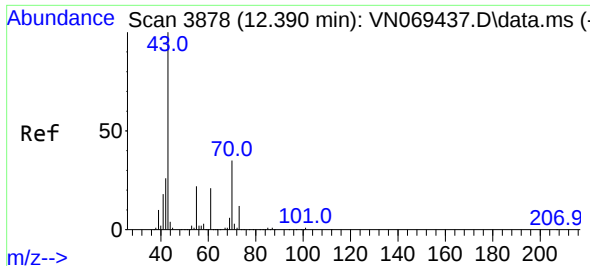


#46
Methyl methacrylate
Concen: 64.062 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



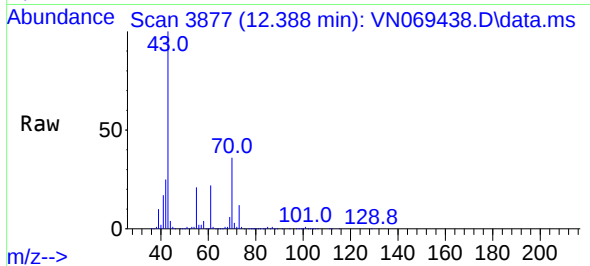
Tgt Ion: 41 Resp: 842531
Ion Ratio Lower Upper
41 100
69 74.3 44.4 133.2
39 65.0 39.9 119.6





#47
n-amy1 Acetate
Concen: 57.543 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.002 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

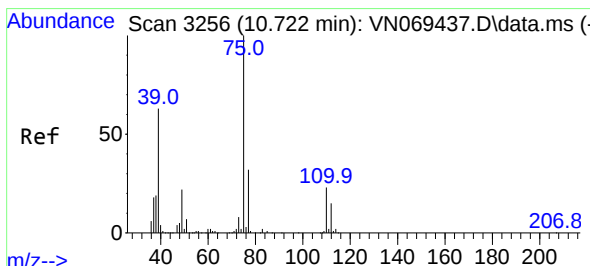
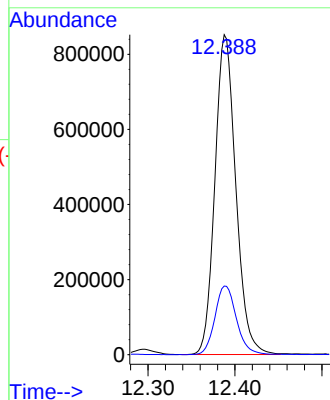
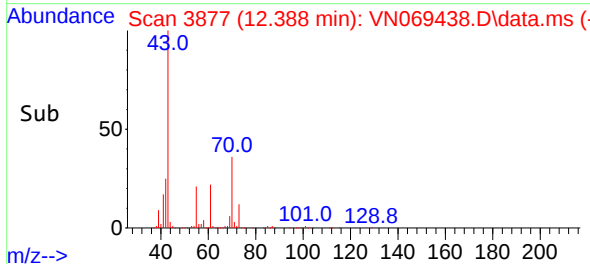
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



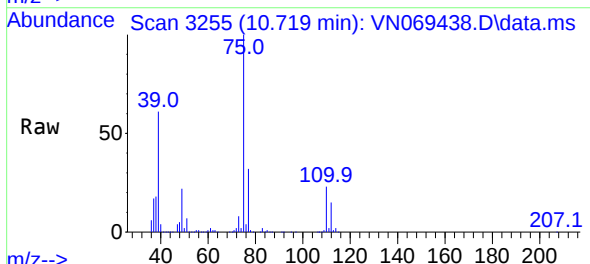
Tgt Ion: 43 Resp: 1421339
Ion Ratio Lower Upper
43 100
55 22.2 19.0 28.6

Manual Integrations
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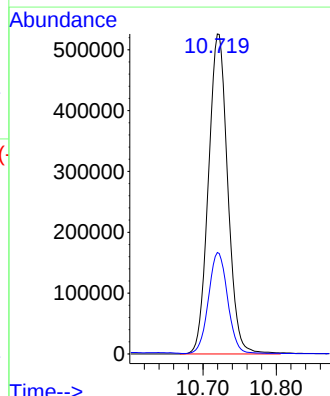
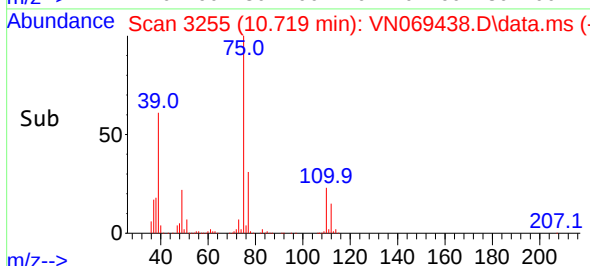
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

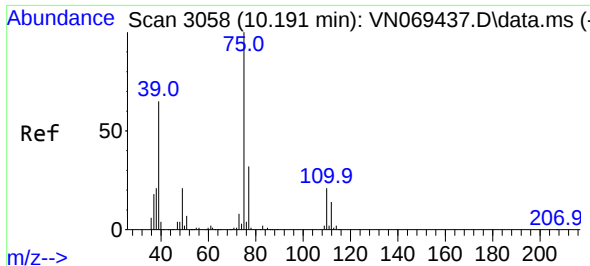


#48
t-1,3-Dichloropropene
Concen: 46.585 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



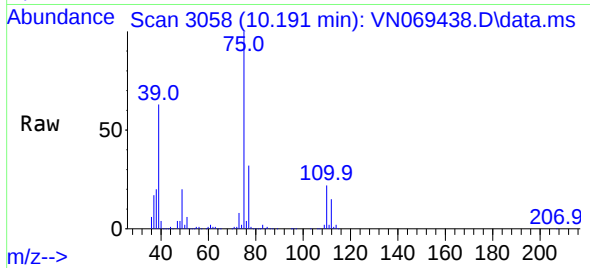
Tgt Ion: 75 Resp: 961528
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 48.611 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN069438.D
 Acq: 10 Nov 2021 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

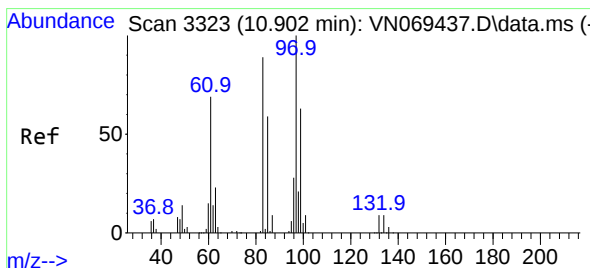
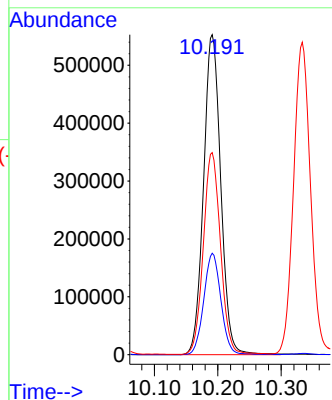
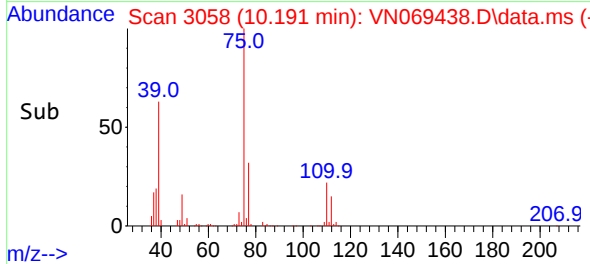


Tgt Ion: 75 Resp: 104482

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.3	37.9
39	63.0	46.2	69.4

Manual Integrations
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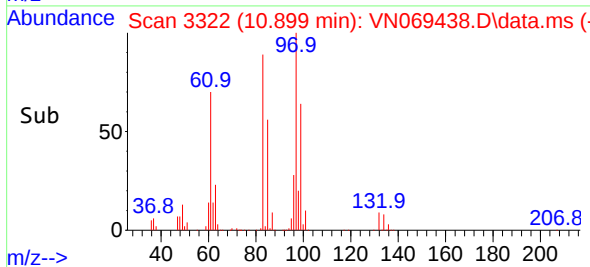
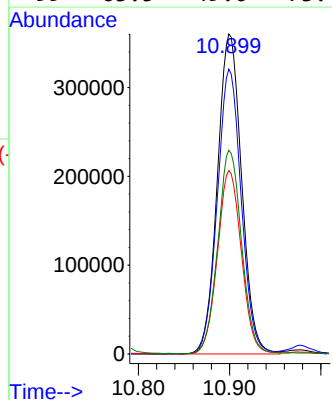
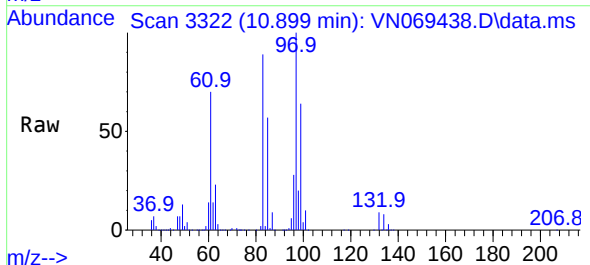
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/16/2021

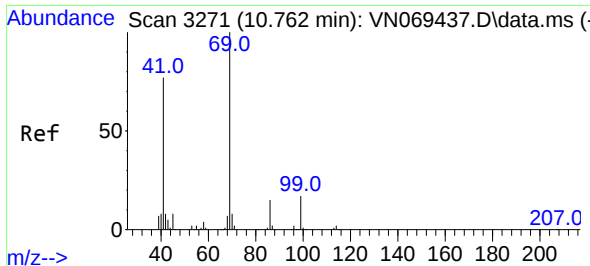


#50
 1,1,2-Trichloroethane
 Concen: 51.995 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. 0.000 min
 Lab File: VN069438.D
 Acq: 10 Nov 2021 13:24

Tgt Ion: 97 Resp: 666403

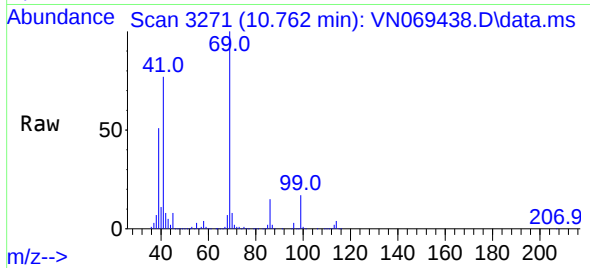
Ion	Ratio	Lower	Upper
97	100		
83	89.1	67.2	100.8
85	57.3	43.0	64.4
99	63.5	49.0	73.4





#51
Ethyl methacrylate
Concen: 53.288 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

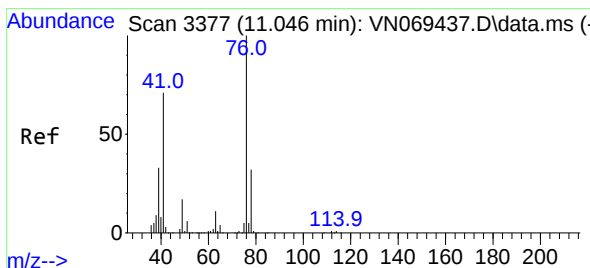
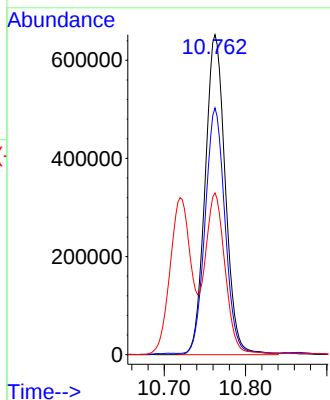
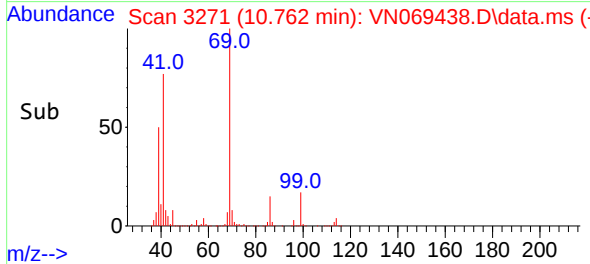
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



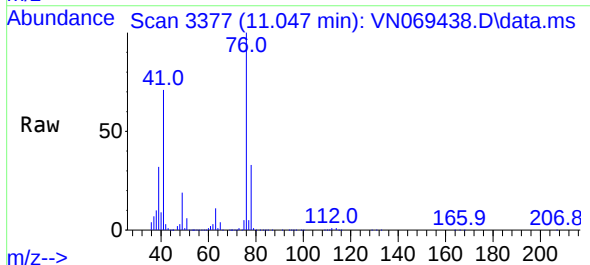
Tgt Ion: 69 Resp: 112585
Ion Ratio Lower Upper
69 100
41 76.7 33.0 98.9
39 50.2 25.4 76.4

Manual Integrations
APPROVED

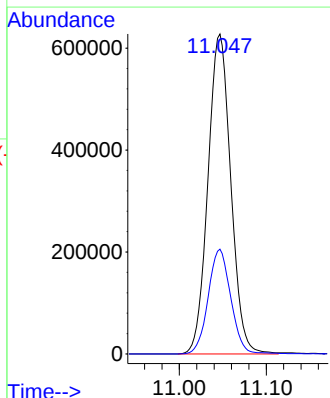
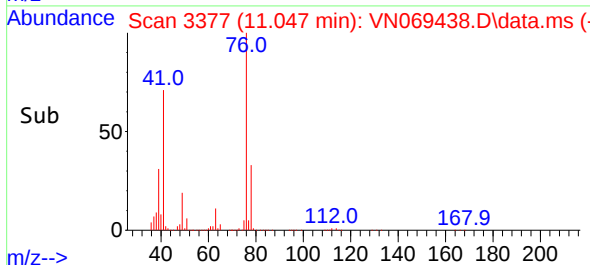
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

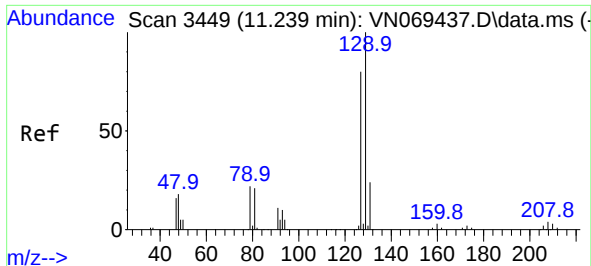


#52
1,3-Dichloropropane
Concen: 53.129 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



Tgt Ion: 76 Resp: 1145668
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.4





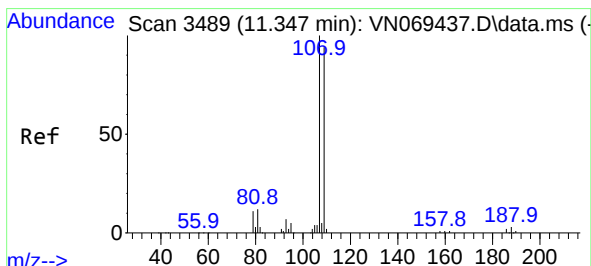
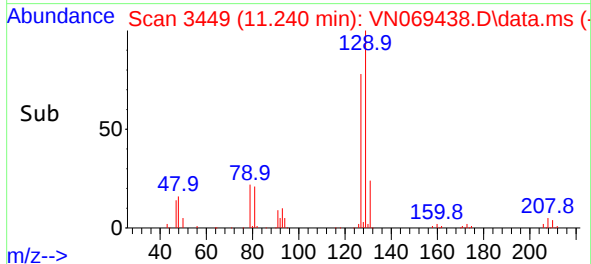
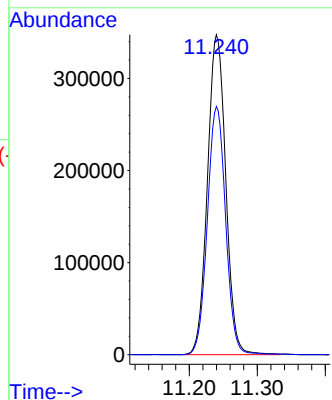
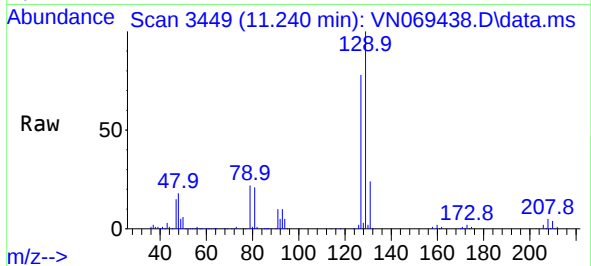
#53
Dibromochloromethane
Concen: 47.622 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:129 Resp: 65158
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

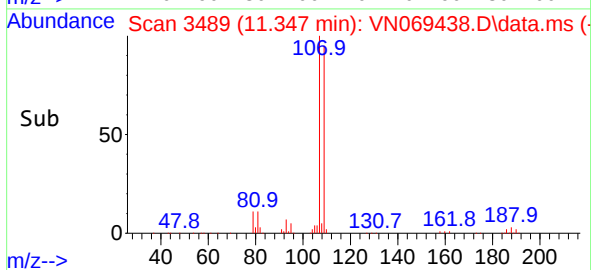
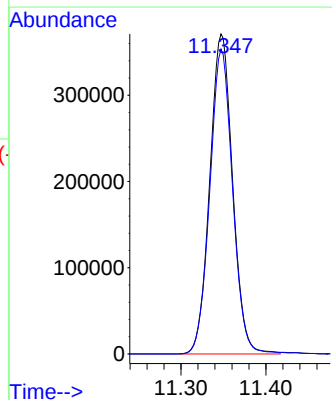
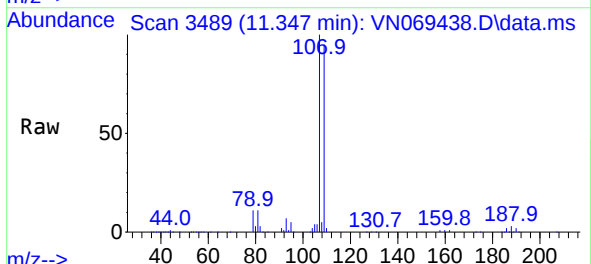
Manual Integrations
APPROVED

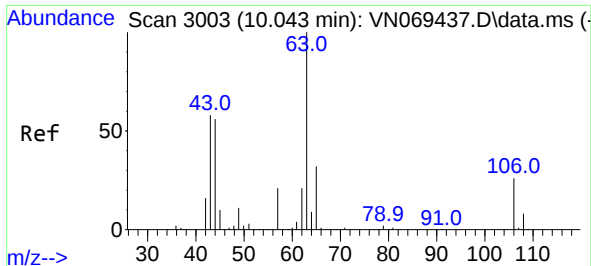
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#54
1,2-Dibromoethane
Concen: 51.655 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Tgt Ion:107 Resp: 692102
Ion Ratio Lower Upper
107 100
109 94.9 72.8 109.2





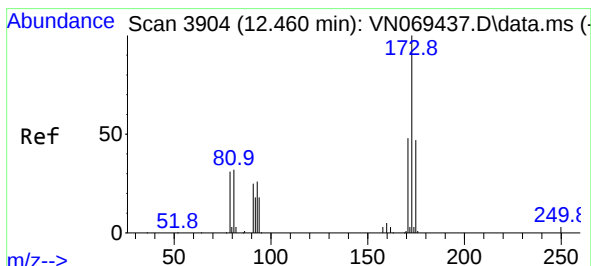
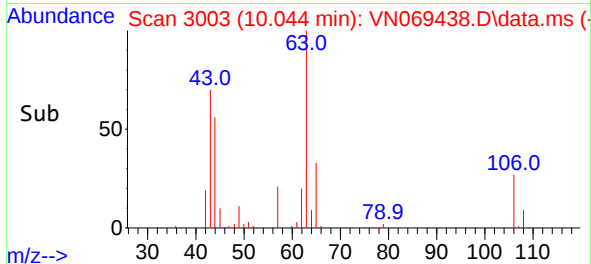
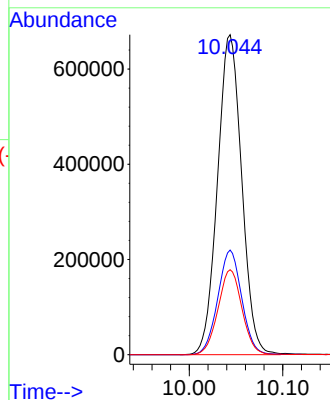
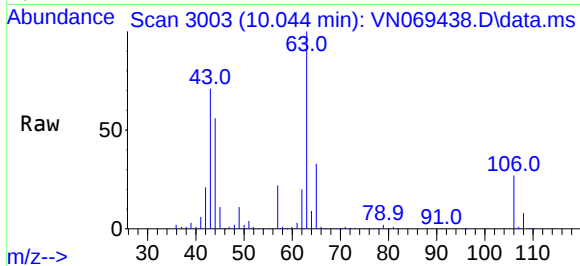
#55
2-Chloroethyl vinyl ether
Concen: 180.659 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 1211844
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 26.3 23.2 34.8

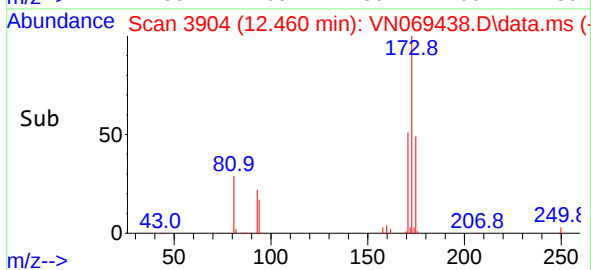
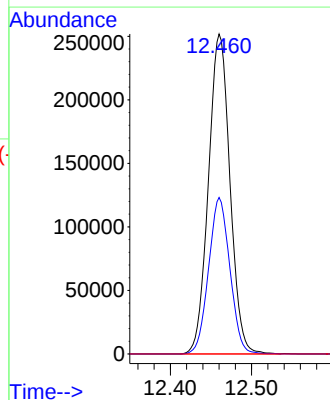
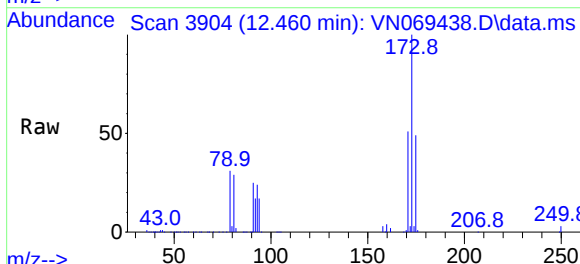
Manual Integrations
APPROVED

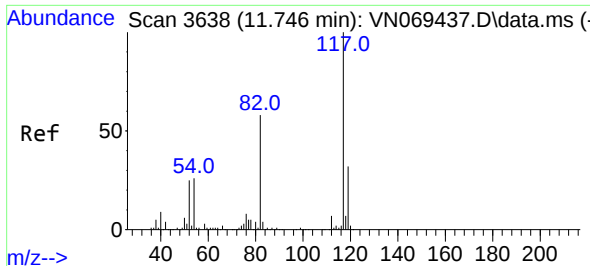
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#56
Bromoform
Concen: 47.042 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

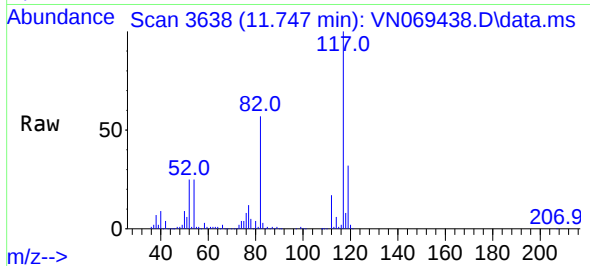
Tgt Ion:173 Resp: 463963
Ion Ratio Lower Upper
173 100
175 48.3 38.6 58.0
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3011
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

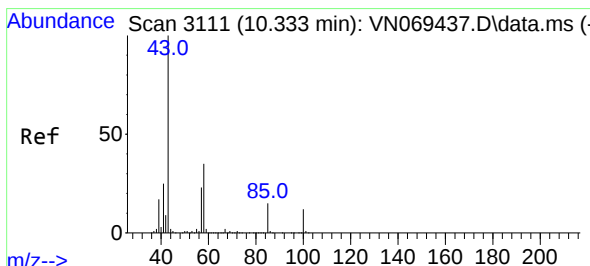
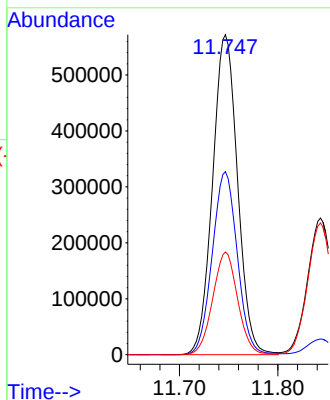
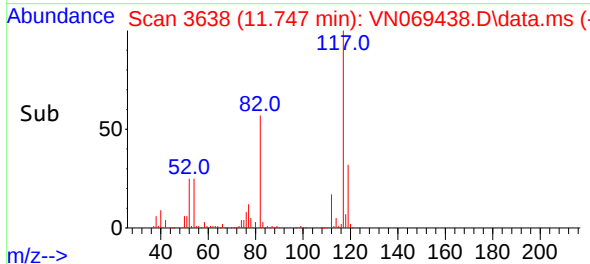
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



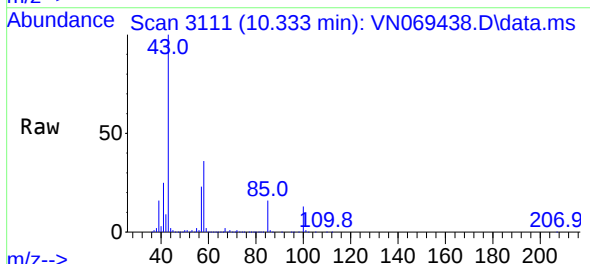
Tgt Ion: 117 Resp: 1011514
Ion Ratio Lower Upper
117 100
82 57.5 43.6 65.4
119 32.1 25.8 38.6

Manual Integrations
APPROVED

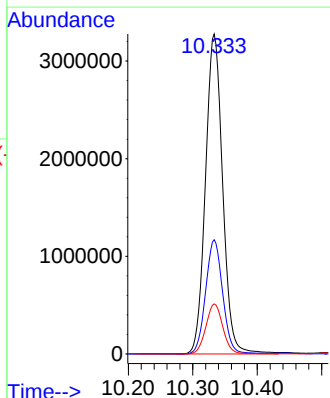
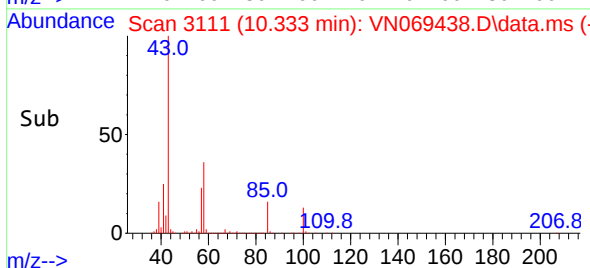
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

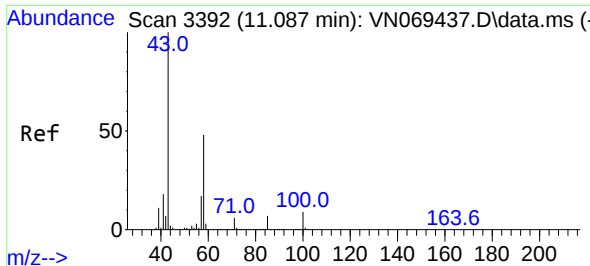


#58
4-Methyl-2-Pentanone
Concen: 356.098 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



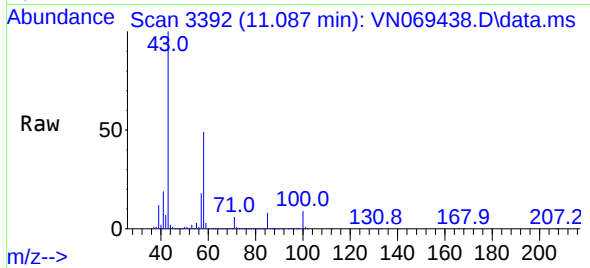
Tgt Ion: 43 Resp: 6076750
Ion Ratio Lower Upper
43 100
58 35.5 30.0 45.0
85 15.5 15.0 22.6





#59
2-Hexanone
Concen: 354.077 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

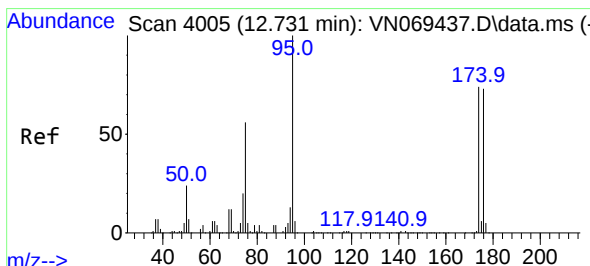
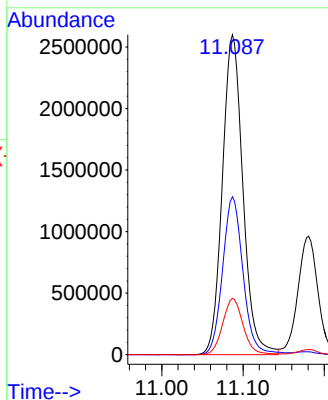
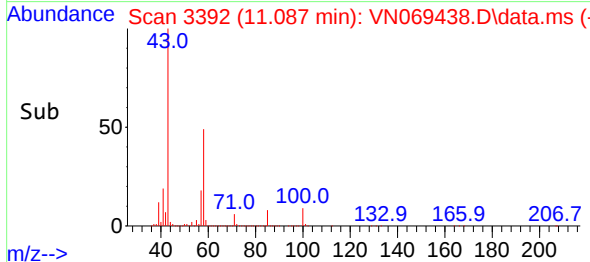
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



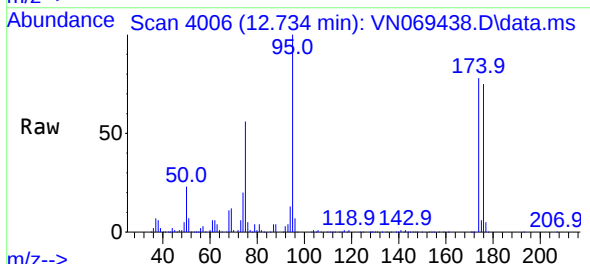
Tgt Ion: 43 Resp: 456293
Ion Ratio Lower Upper
43 100
58 49.3 42.2 63.2
57 17.5 15.0 22.4

Manual Integrations
APPROVED

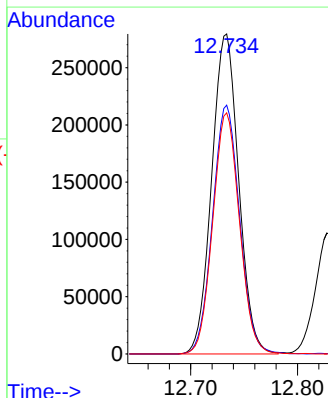
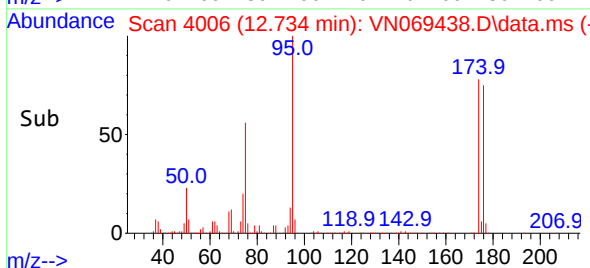
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

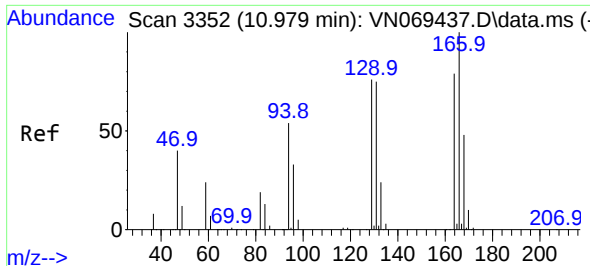


#60
4-Bromofluorobenzene
Concen: 28.289 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



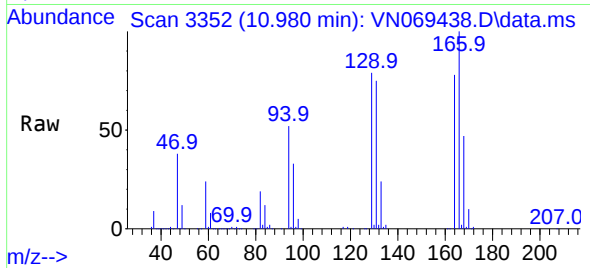
Tgt Ion: 95 Resp: 490656
Ion Ratio Lower Upper
95 100
174 78.1 62.9 94.3
176 74.7 61.0 91.4





#61
Tetrachloroethene
Concen: 52.162 ug/l
RT: 10.980 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

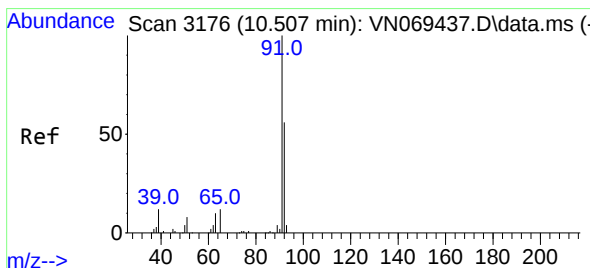
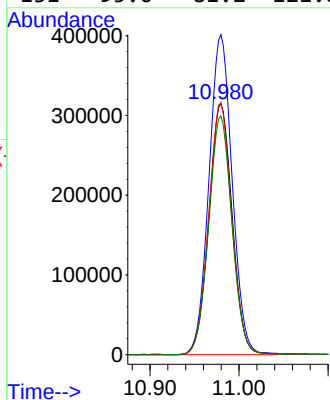
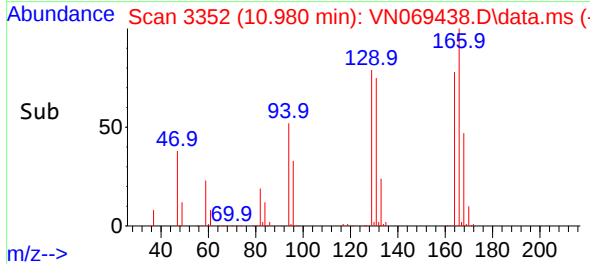
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



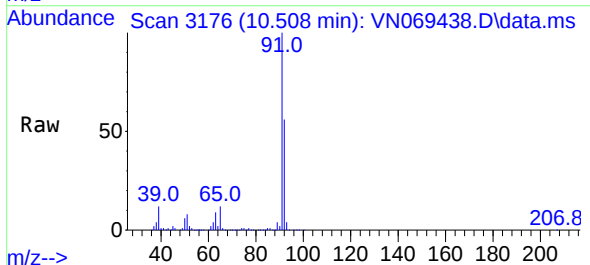
Tgt Ion:164 Resp: 57343
Ion Ratio Lower Upper
164 100
166 127.4 105.8 158.8
129 100.4 82.5 123.7
131 95.0 81.2 121.8

Manual Integrations
APPROVED

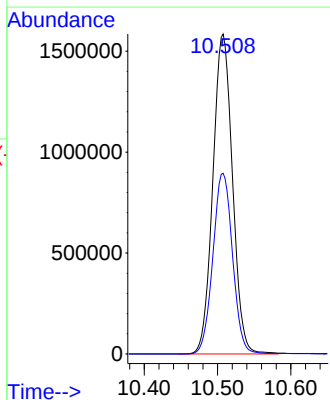
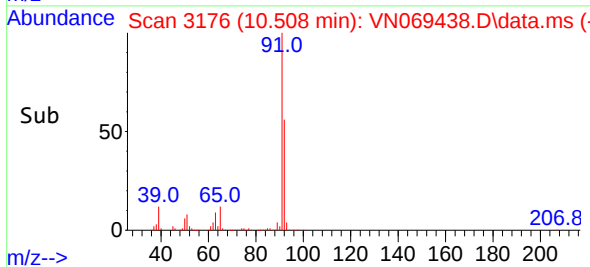
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

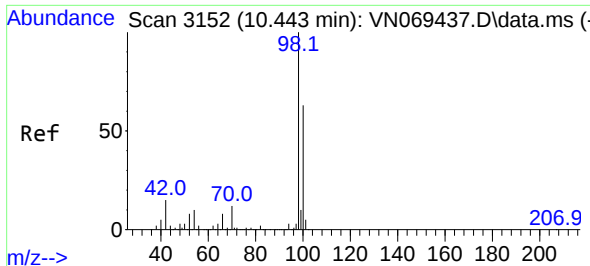


#62
Toluene
Concen: 50.051 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



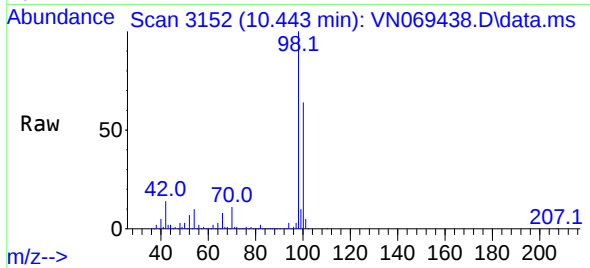
Tgt Ion: 91 Resp: 2948874
Ion Ratio Lower Upper
91 100
92 56.6 44.6 67.0





#63
Toluene-d8
Concen: 30.610 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

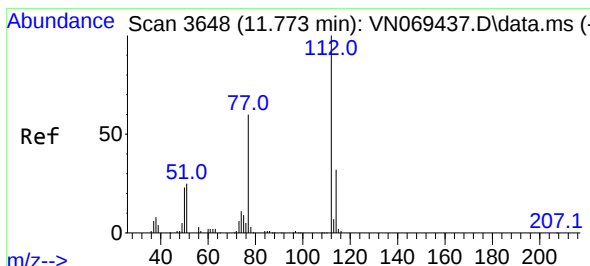
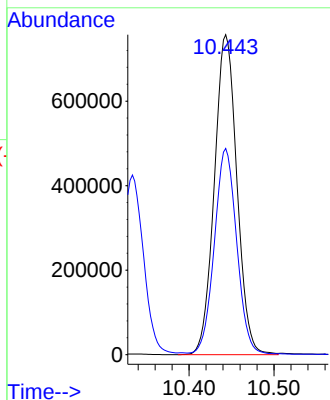
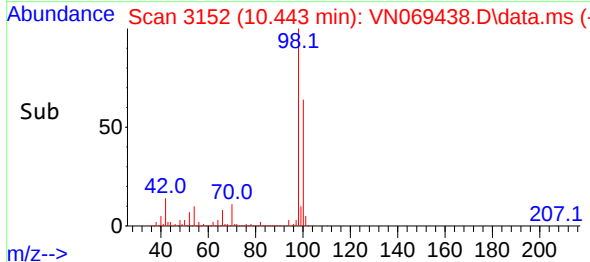
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 98 Resp: 139887
Ion Ratio Lower Upper
98 100
100 63.9 50.6 76.0

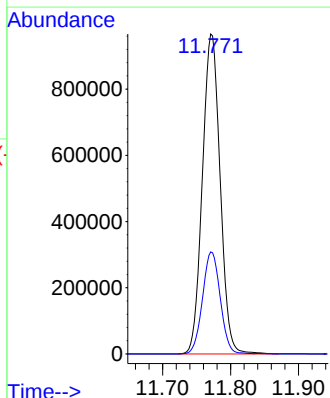
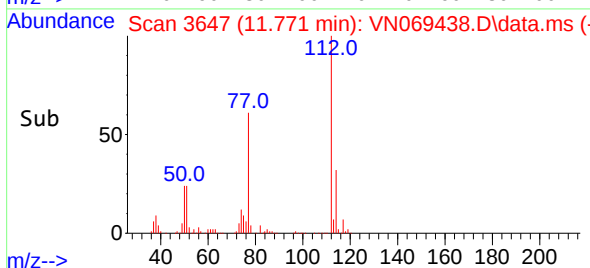
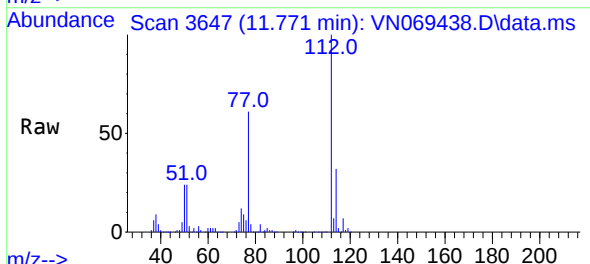
Manual Integrations
APPROVED

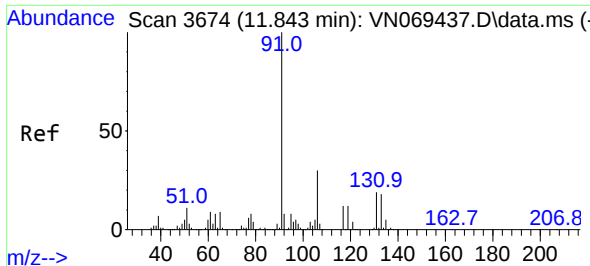
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#64
Chlorobenzene
Concen: 49.129 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.002 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Tgt Ion:112 Resp: 1755523
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6





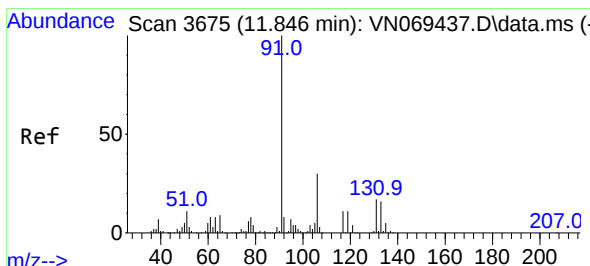
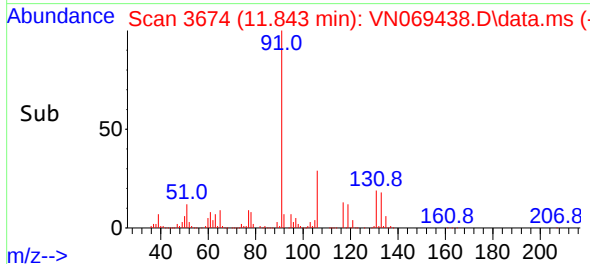
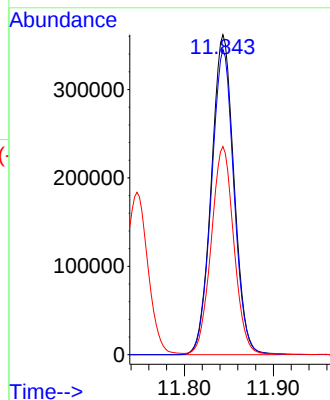
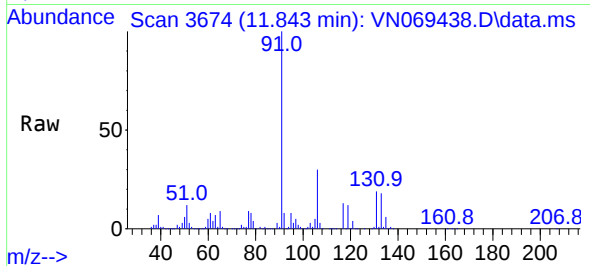
#65
1,1,1,2-Tetrachloroethane
Concen: 48.197 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:131 Resp: 64072
Ion Ratio Lower Upper
131 100
133 95.0 0.0 191.2
119 64.3 0.0 128.8

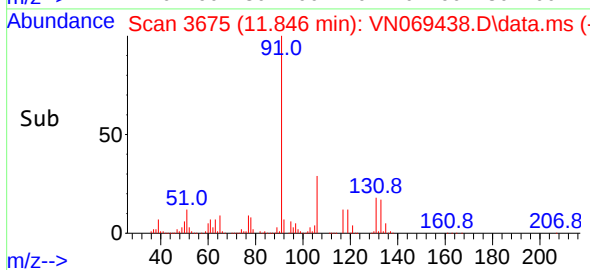
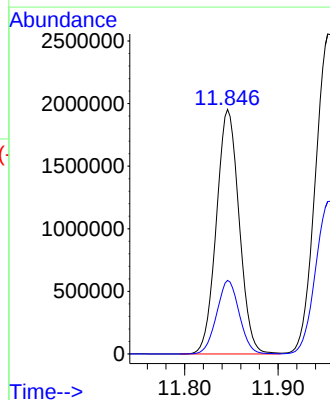
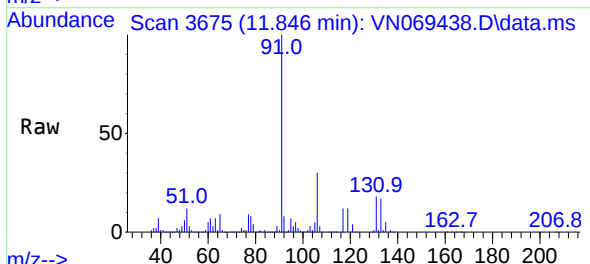
Manual Integrations
APPROVED

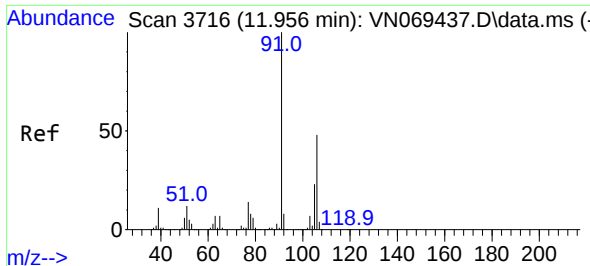
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#66
Ethyl Benzene
Concen: 49.924 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.002 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Tgt Ion: 91 Resp: 3306932
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0





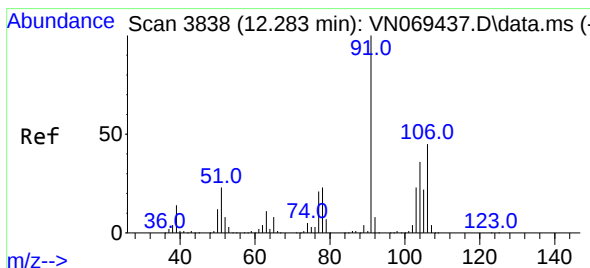
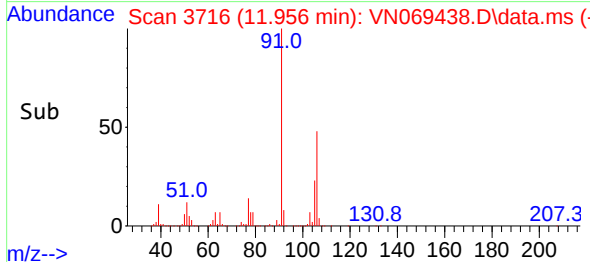
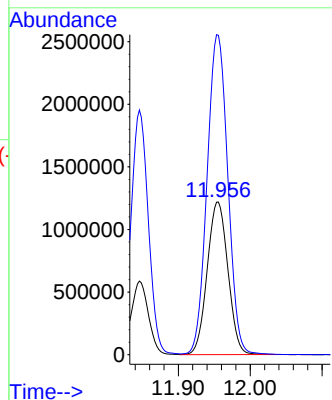
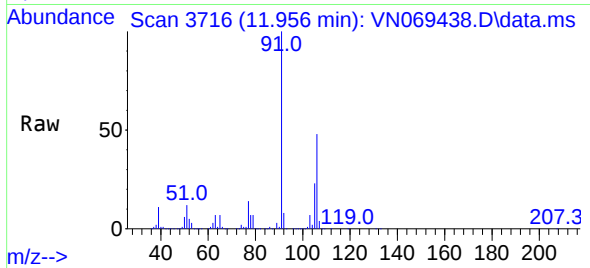
#67
m/p-Xylenes
Concen: 98.031 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 2441930
Ion Ratio Lower Upper
106 100
91 210.1 162.9 244.3

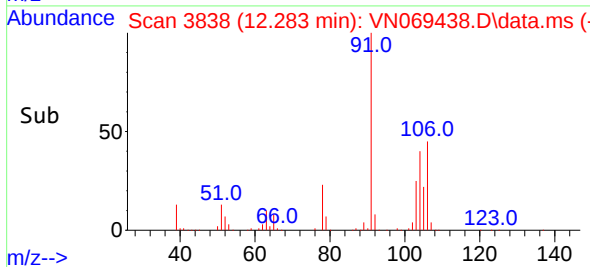
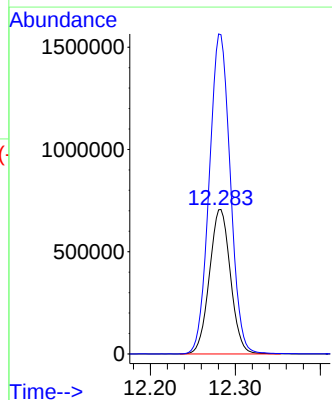
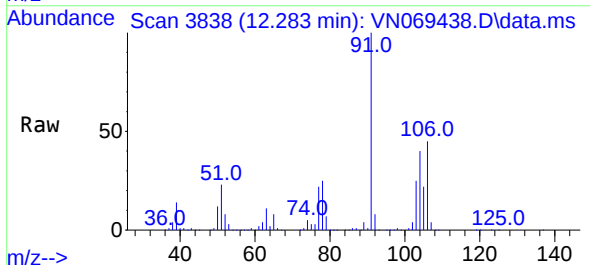
Manual Integrations
APPROVED

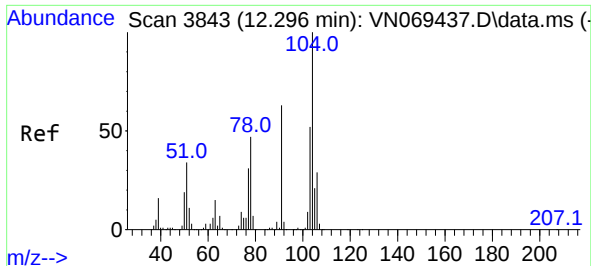
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#68
o-Xylene
Concen: 48.697 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

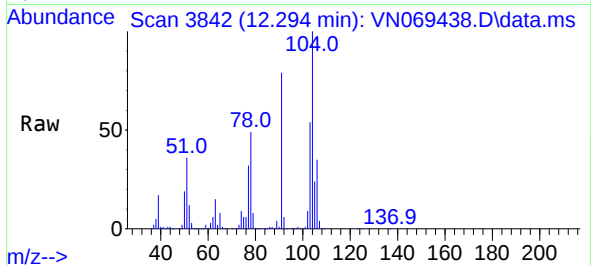
Tgt Ion:106 Resp: 1214638
Ion Ratio Lower Upper
106 100
91 221.8 107.7 323.1





#69
Styrene
Concen: 48.306 ug/l
RT: 12.294 min Scan# 3843
Delta R.T. -0.002 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

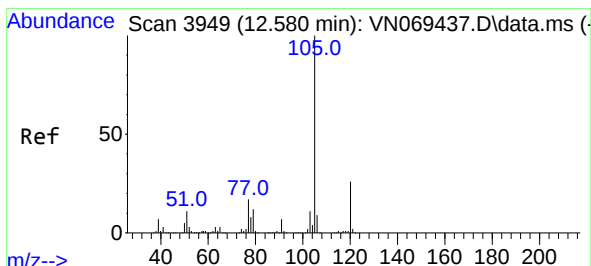
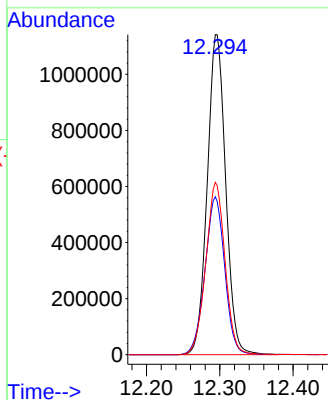
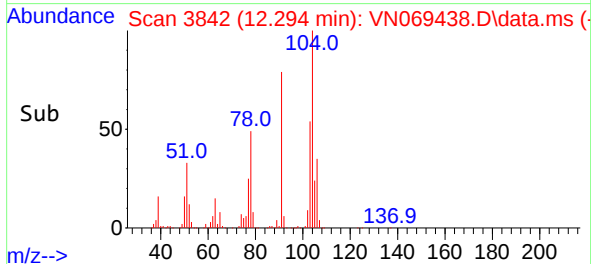
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:104 Resp: 1996648
Ion Ratio Lower Upper
104 100
78 52.8 40.7 61.1
103 56.3 45.8 68.8

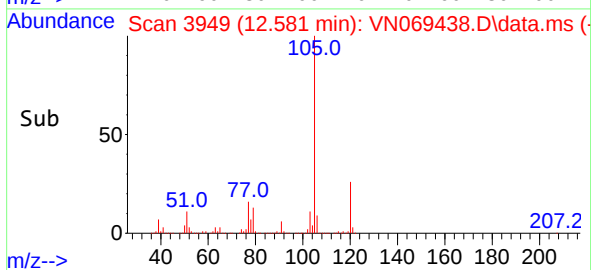
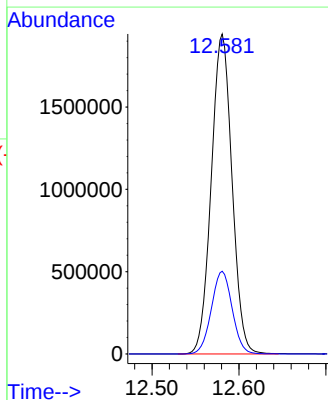
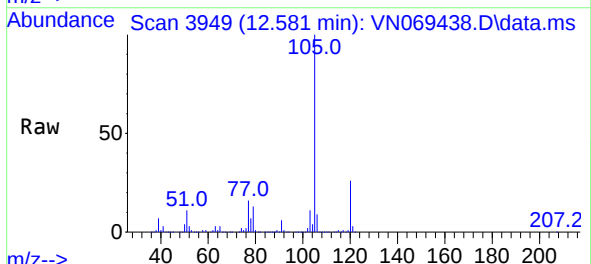
Manual Integrations
APPROVED

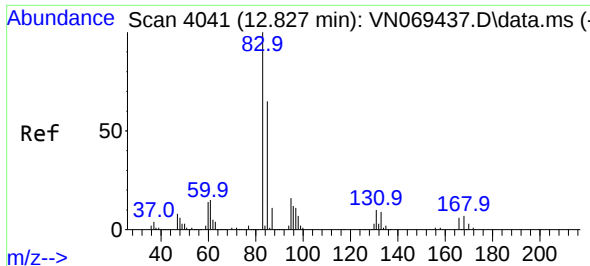
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#70
Isopropylbenzene
Concen: 49.205 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

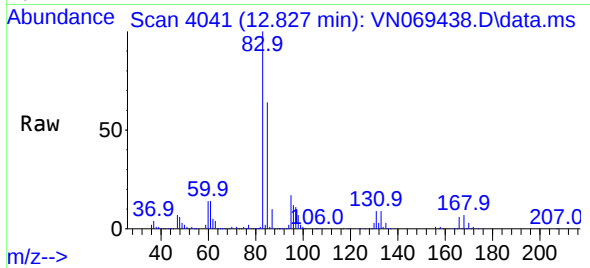
Tgt Ion:105 Resp: 3217554
Ion Ratio Lower Upper
105 100
120 26.0 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 55.621 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.002 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

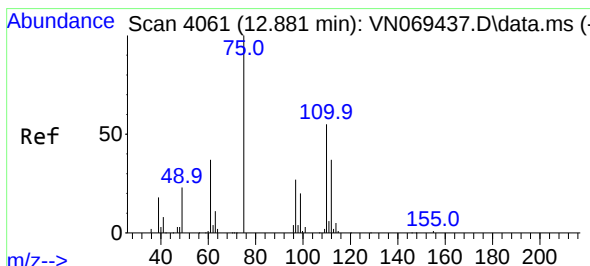
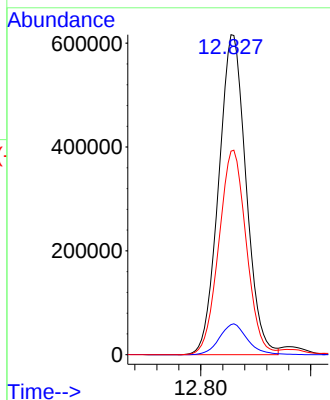
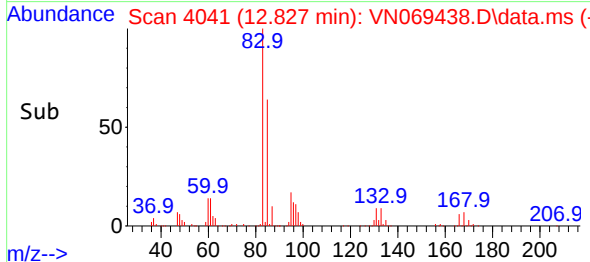
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



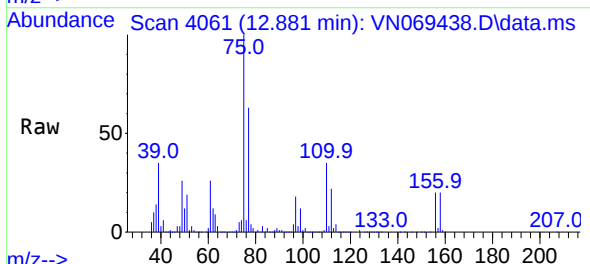
Tgt Ion: 83 Resp: 1066034
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 64.1 33.1 99.2

Manual Integrations
APPROVED

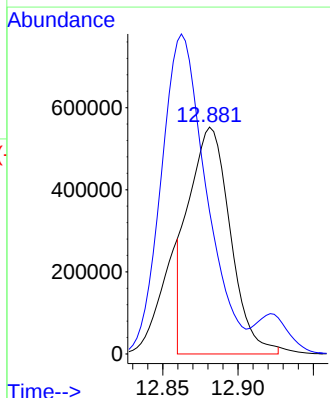
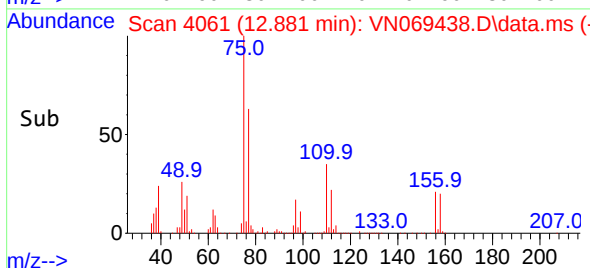
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

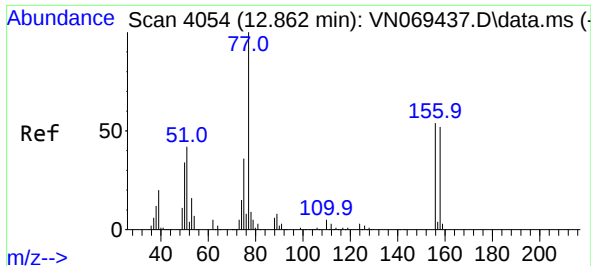


#72
1,2,3-Trichloropropane
Concen: 64.199 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



Tgt Ion: 75 Resp: 1057259
Ion Ratio Lower Upper
75 100
77 153.5 0.0 378.0





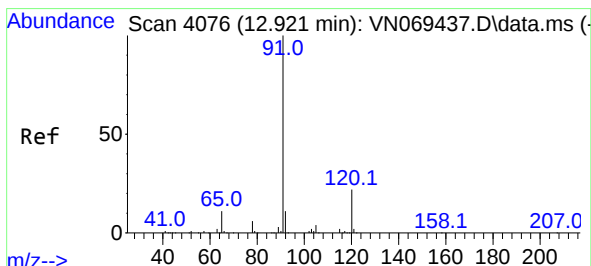
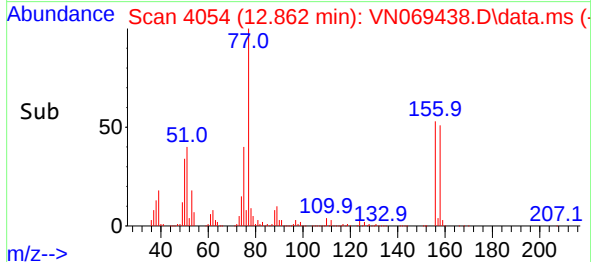
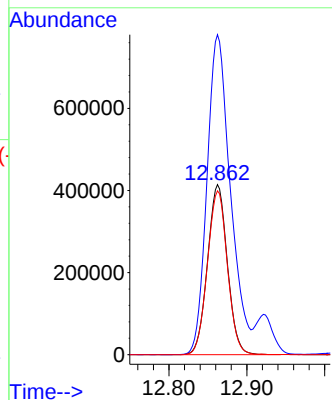
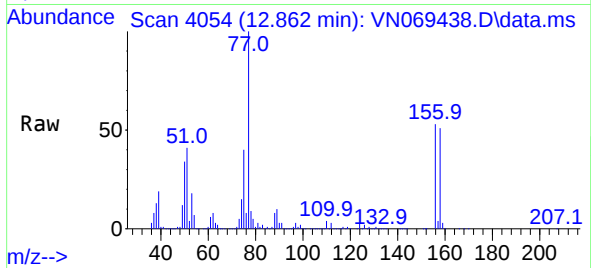
#73
Bromobenzene
Concen: 49.480 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:156 Resp: 73338
Ion Ratio Lower Upper
156 100
77 221.2 0.0 416.0
158 97.0 0.0 195.4

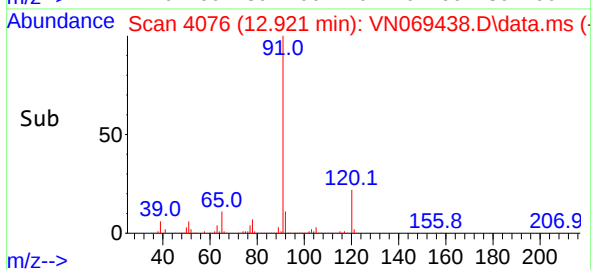
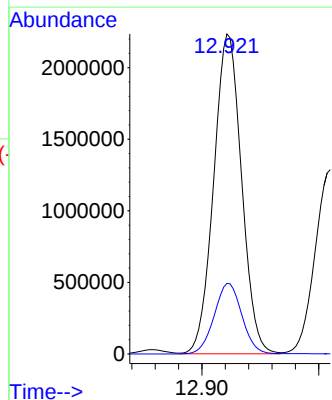
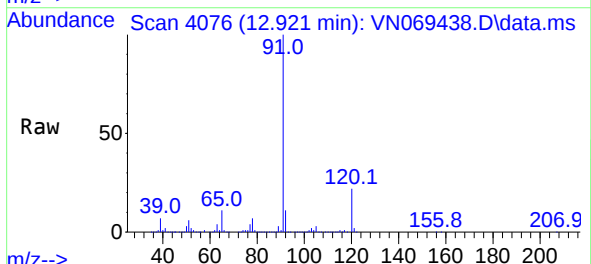
Manual Integrations
APPROVED

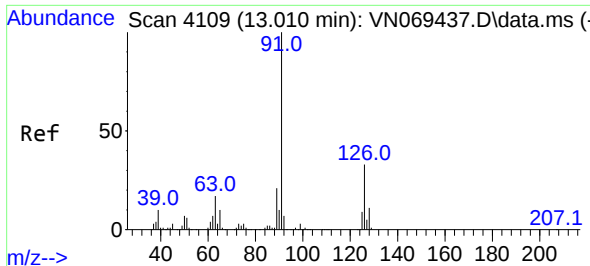
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#74
n-propylbenzene
Concen: 49.202 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Tgt Ion: 91 Resp: 3694784
Ion Ratio Lower Upper
91 100
120 22.0 0.0 45.0





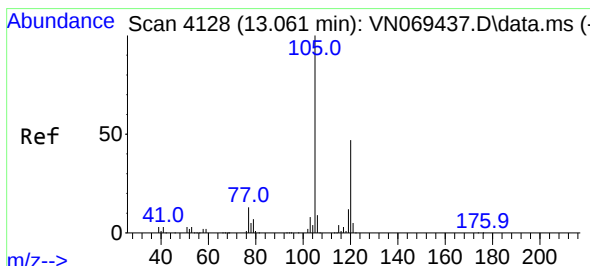
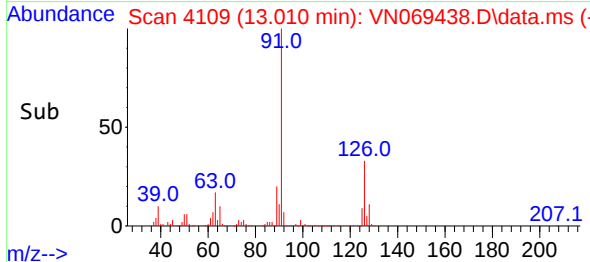
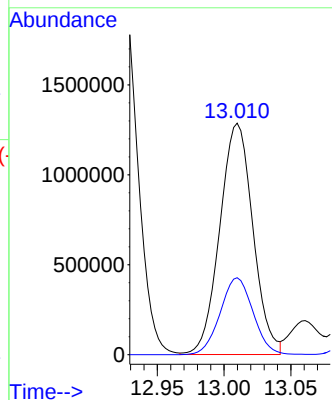
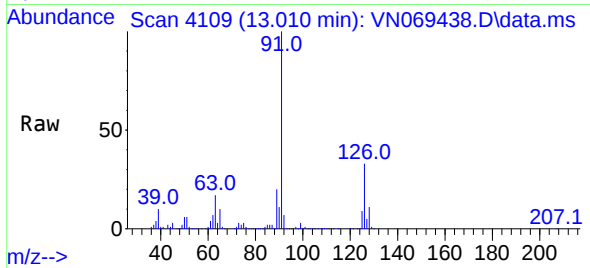
#75
2-Chlorotoluene
Concen: 48.406 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 2225820
Ion Ratio Lower Upper
91 100
126 33.0 0.0 69.8

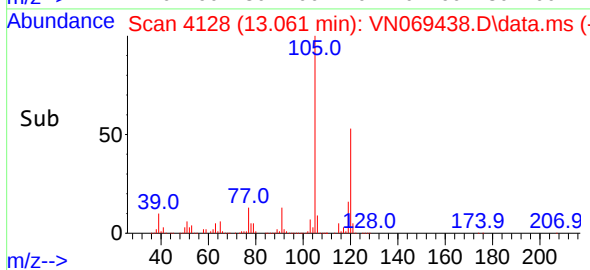
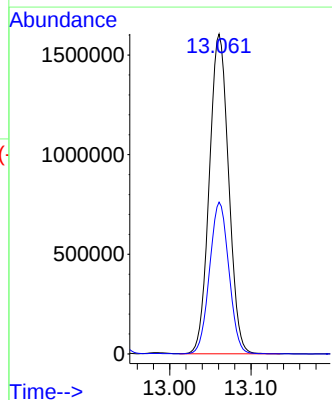
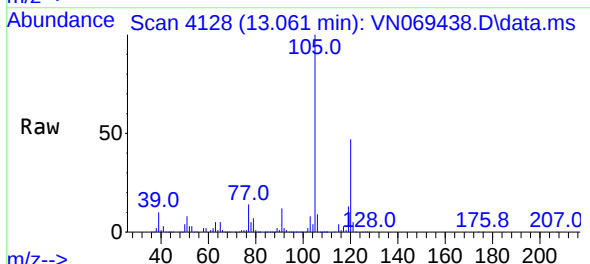
Manual Integrations
APPROVED

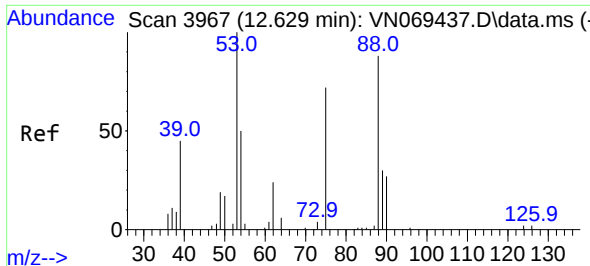
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#76
1,3,5-Trimethylbenzene
Concen: 48.507 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Tgt Ion:105 Resp: 2643671
Ion Ratio Lower Upper
105 100
120 47.5 0.0 93.8





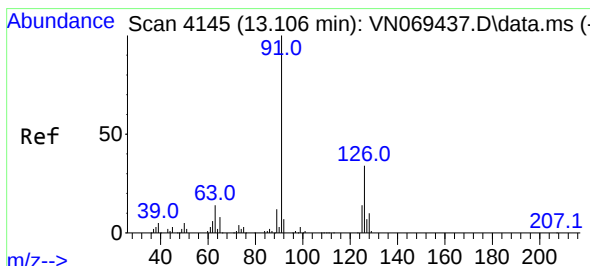
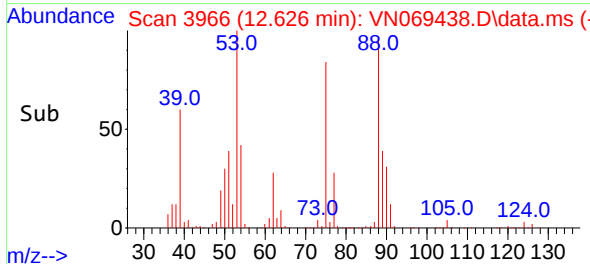
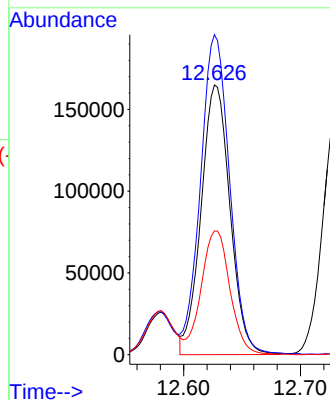
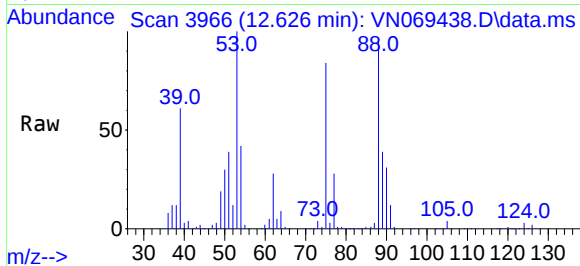
#77
t-1,4-Dichloro-2-butene
Concen: 44.082 ug/l
RT: 12.626 min Scan# 3967
Delta R.T. -0.002 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 75 Resp: 283912
Ion Ratio Lower Upper
75 100
53 118.4 51.8 155.5
89 45.8 22.9 68.7

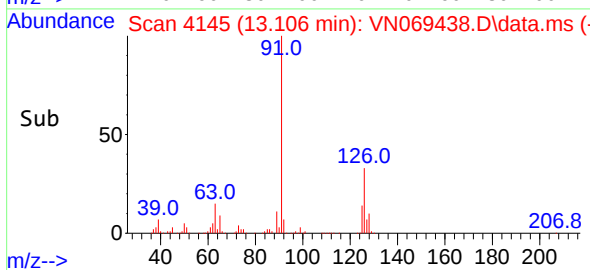
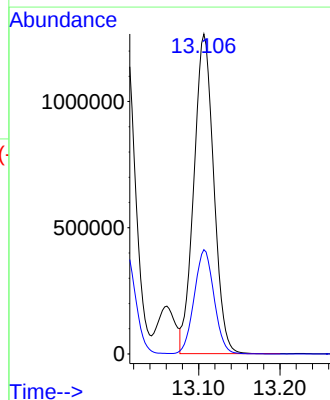
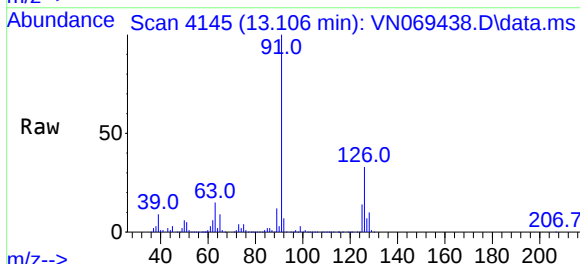
Manual Integrations
APPROVED

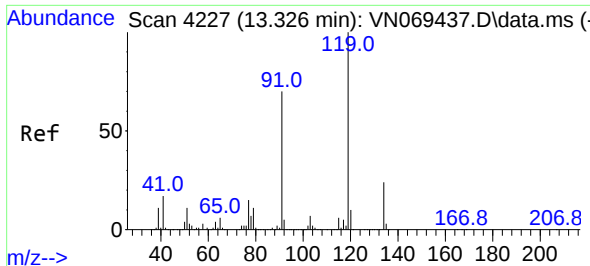
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#78
4-Chlorotoluene
Concen: 47.602 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

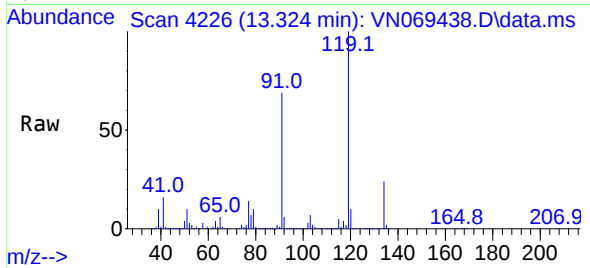
Tgt Ion: 91 Resp: 2145173
Ion Ratio Lower Upper
91 100
126 32.6 0.0 70.6





#79
tert-butylbenzene
Concen: 48.505 ug/l
RT: 13.324 min Scan# 4227
Delta R.T. -0.002 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

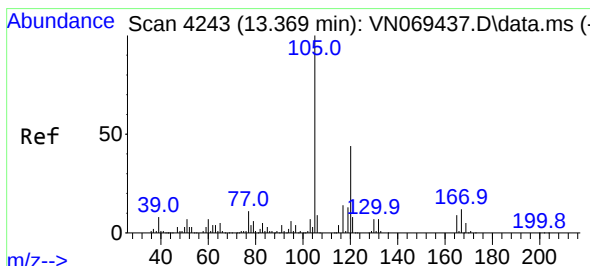
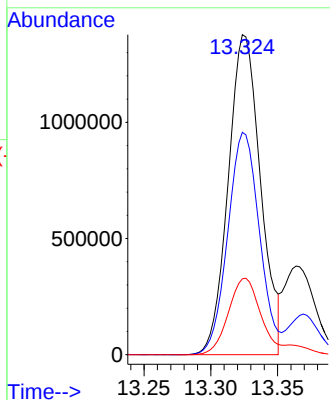
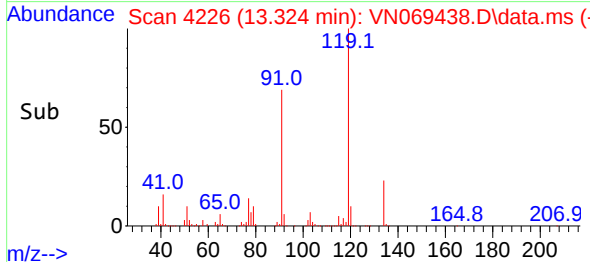
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



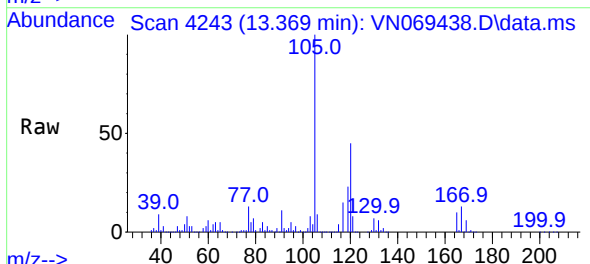
Tgt Ion:119 Resp: 232117
Ion Ratio Lower Upper
119 100
91 68.6 0.0 137.0
134 23.8 0.0 47.6

Manual Integrations
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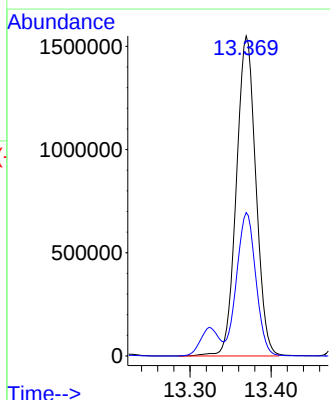
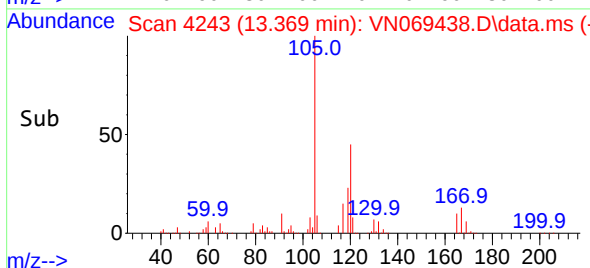
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

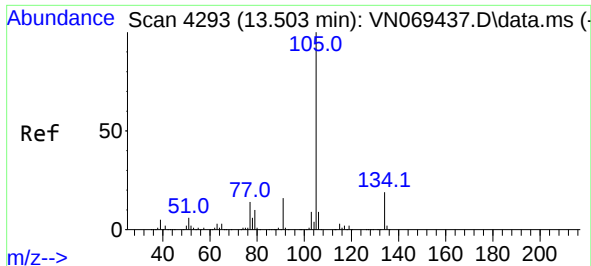


#80
1,2,4-Trimethylbenzene
Concen: 48.379 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



Tgt Ion:105 Resp: 2588346
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





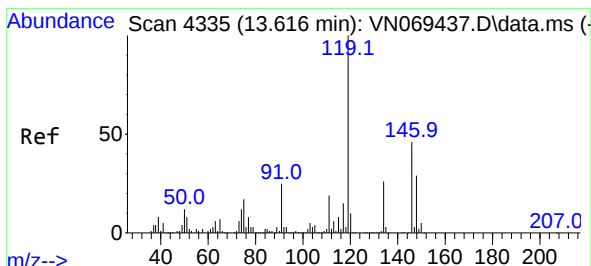
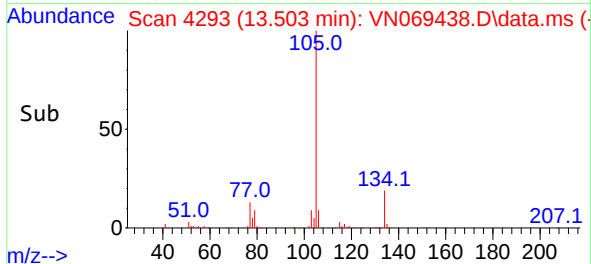
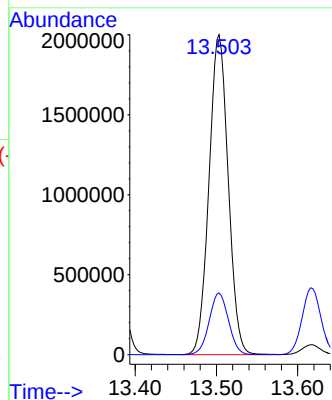
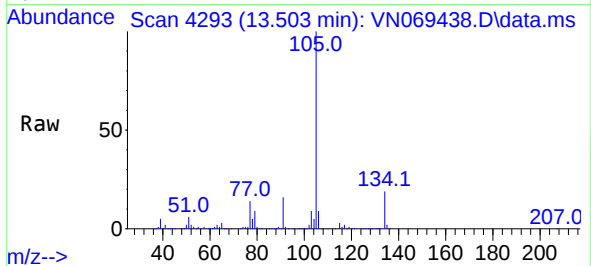
#81
 sec-Butylbenzene
 Concen: 48.975 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069438.D
 Acq: 10 Nov 2021 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:105 Resp: 328086
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.4

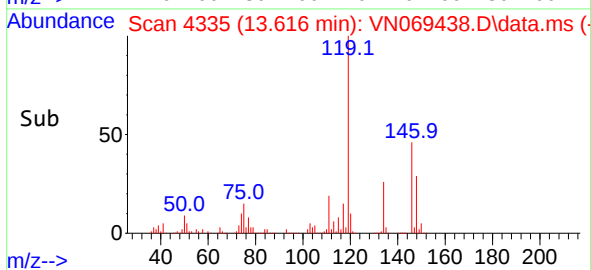
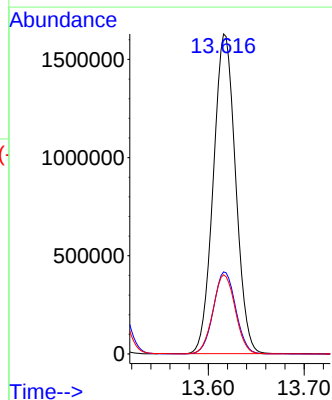
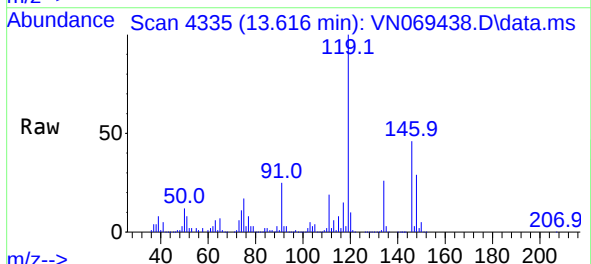
Manual Integrations
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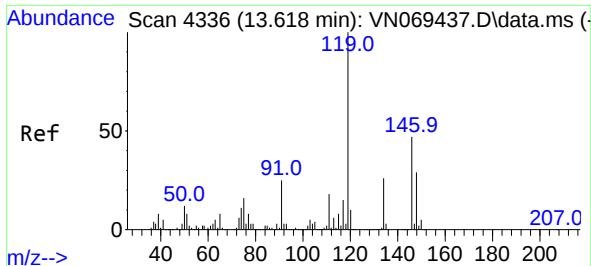
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/16/2021



#82
 p-Isopropyltoluene
 Concen: 48.048 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.002 min
 Lab File: VN069438.D
 Acq: 10 Nov 2021 13:24

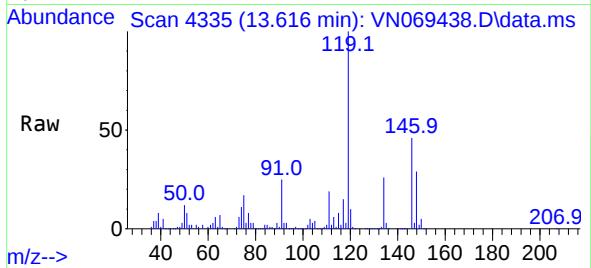
Tgt Ion:119 Resp: 2625416
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.8
 91 24.7 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 49.150 ug/l
RT: 13.616 min Scan# 4336
Delta R.T. -0.002 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

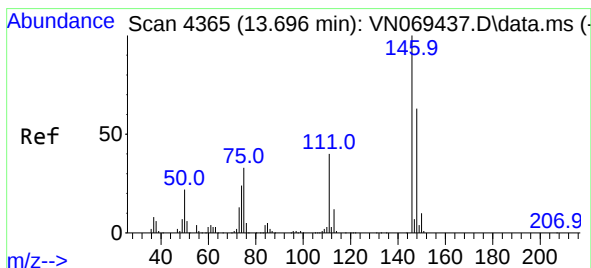
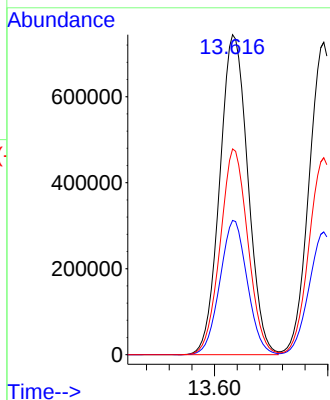
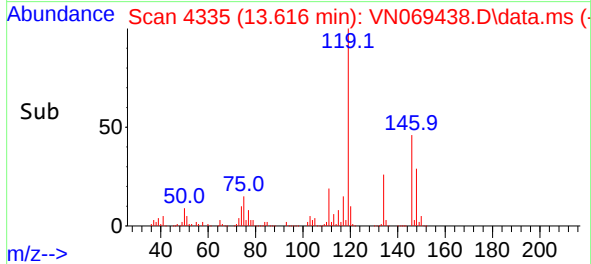
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



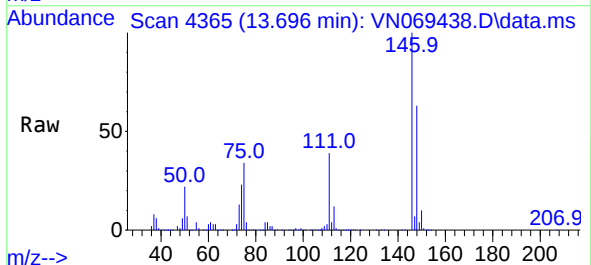
Tgt Ion:146 Resp: 1282500
Ion Ratio Lower Upper
146 100
111 40.8 20.8 62.2
148 63.5 31.4 94.3

Manual Integrations
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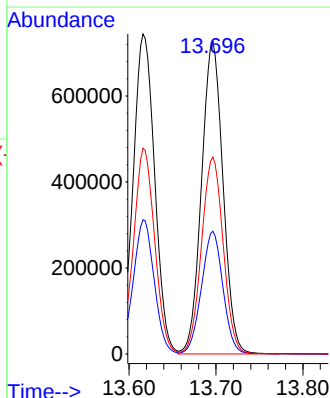
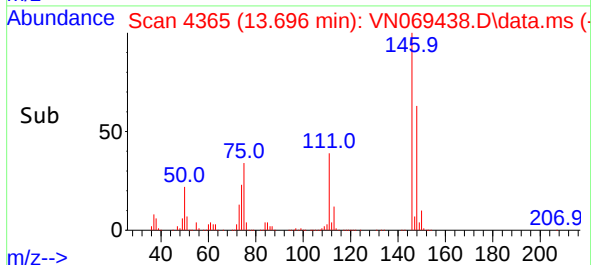
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

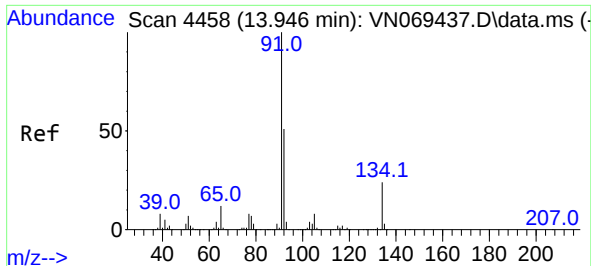


#84
1,4-Dichlorobenzene
Concen: 49.086 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



Tgt Ion:146 Resp: 1247246
Ion Ratio Lower Upper
146 100
111 38.9 19.5 58.5
148 63.5 31.1 93.5





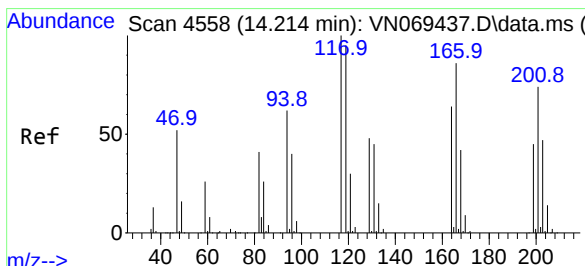
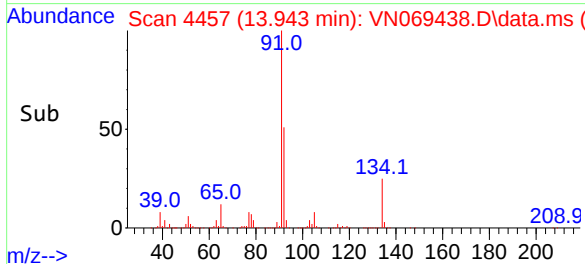
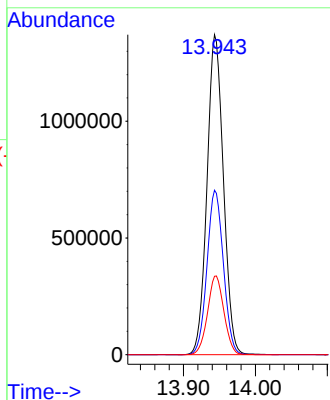
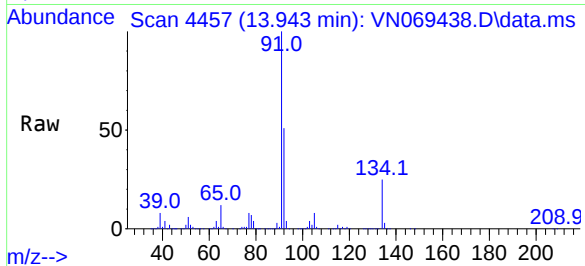
#85
n-Butylbenzene
Concen: 47.571 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 217395
Ion Ratio Lower Upper
91 100
92 51.4 0.0 100.6
134 24.6 0.0 50.2

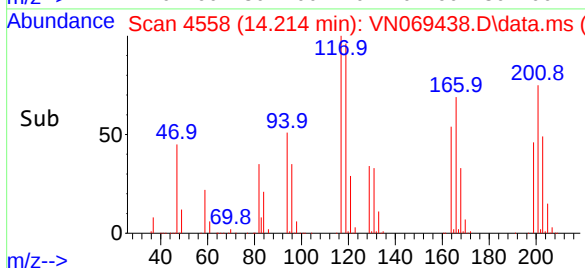
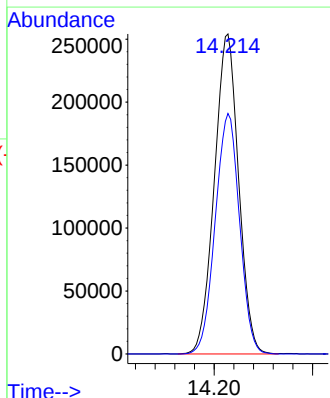
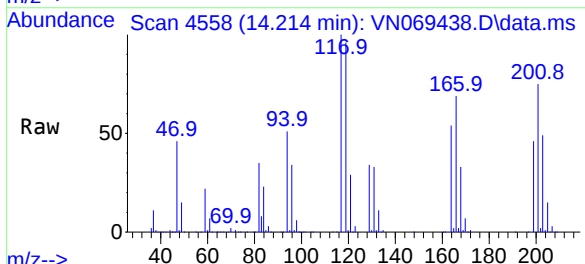
Manual Integrations
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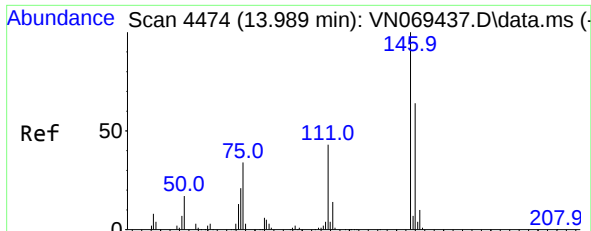
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#86
Hexachloroethane
Concen: 42.664 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

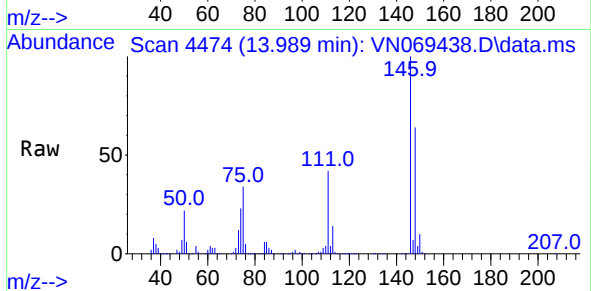
Tgt Ion:117 Resp: 436506
Ion Ratio Lower Upper
117 100
201 75.1 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 49.675 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

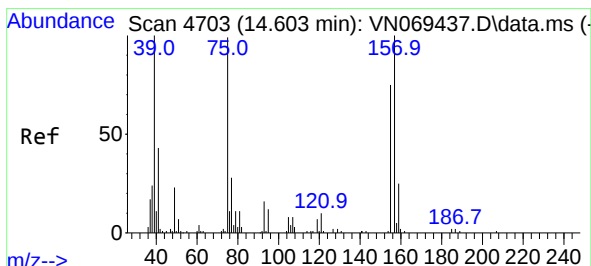
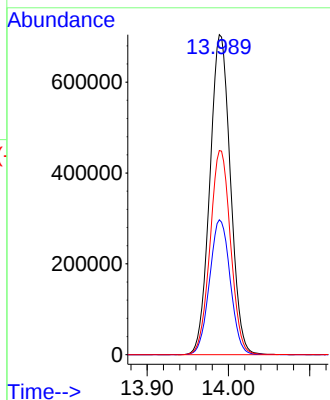
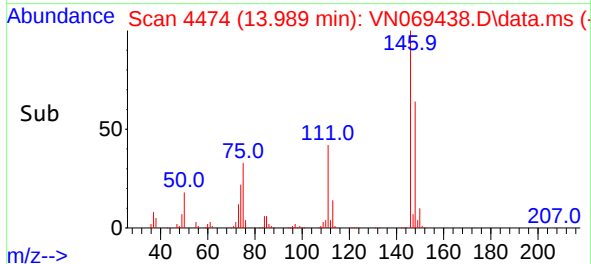
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



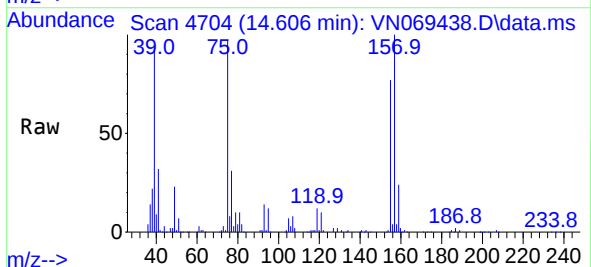
Tgt Ion:146 Resp: 1238530
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.2
148 63.8 32.5 97.4

Manual Integrations
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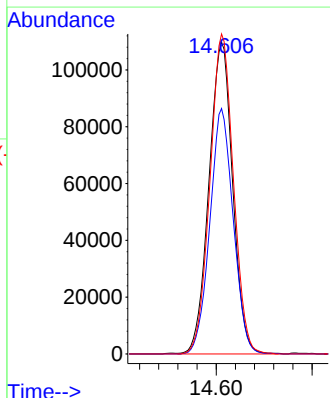
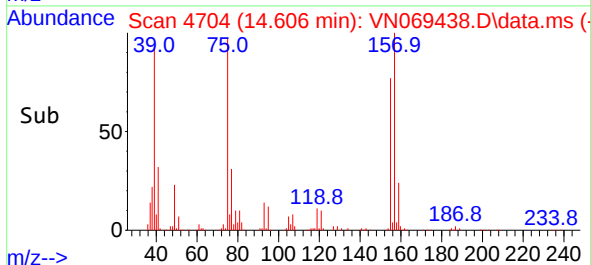
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

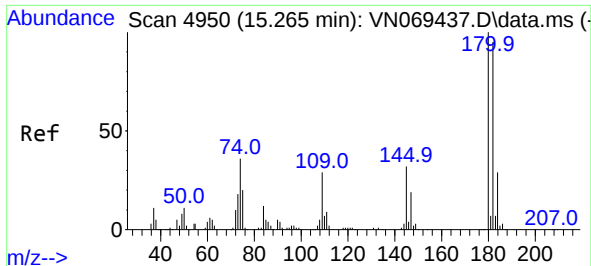


#88
1,2-Dibromo-3-Chloropropane
Concen: 52.771 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



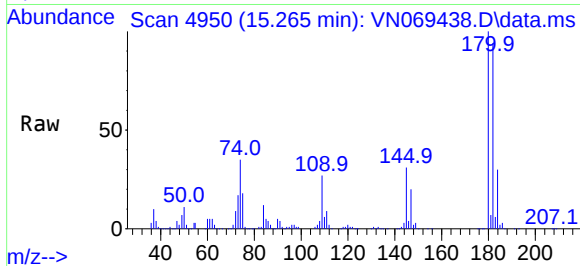
Tgt Ion: 75 Resp: 188391
Ion Ratio Lower Upper
75 100
155 77.5 63.8 95.8
157 101.3 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 46.156 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

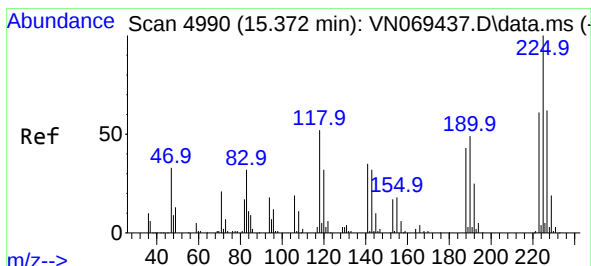
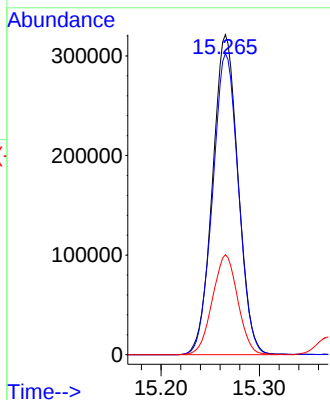
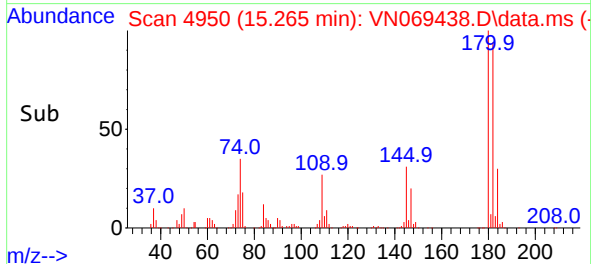
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



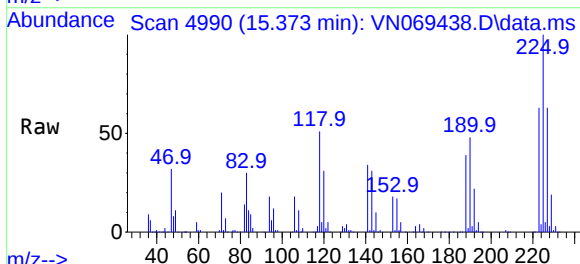
Tgt Ion:180 Resp: 580229
Ion Ratio Lower Upper
180 100
182 94.9 77.7 116.5
145 31.1 26.6 39.8

Manual Integrations
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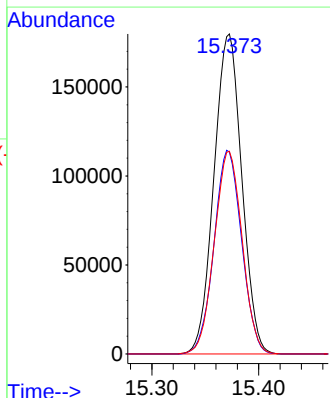
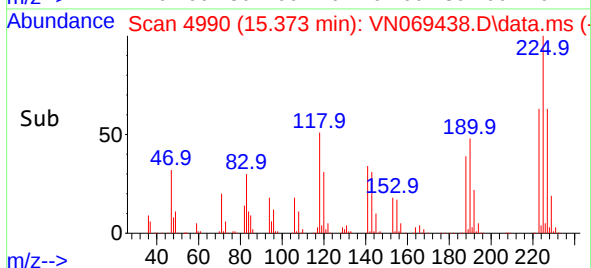
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

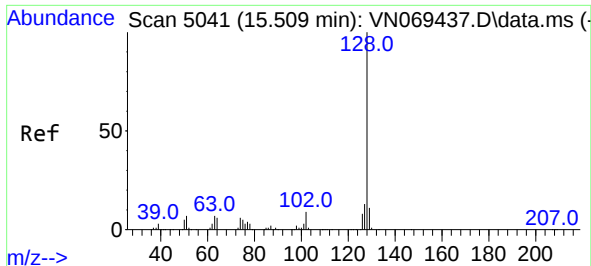


#90
Hexachlorobutadiene
Concen: 49.618 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



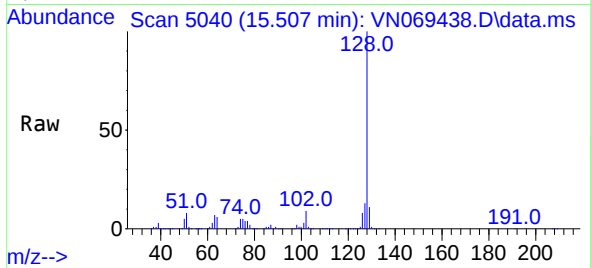
Tgt Ion:225 Resp: 326113
Ion Ratio Lower Upper
225 100
223 63.0 0.0 126.8
227 63.2 0.0 123.0





#91
Naphthalene
Concen: 45.355 ug/l
RT: 15.507 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24

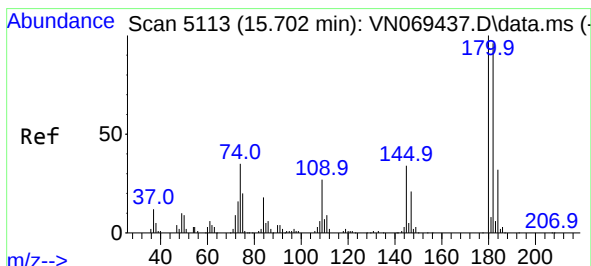
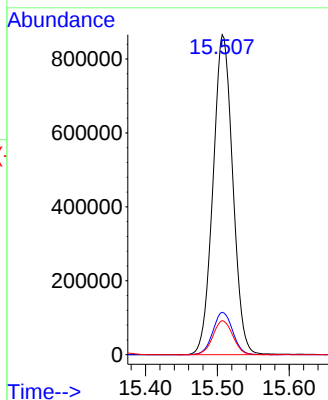
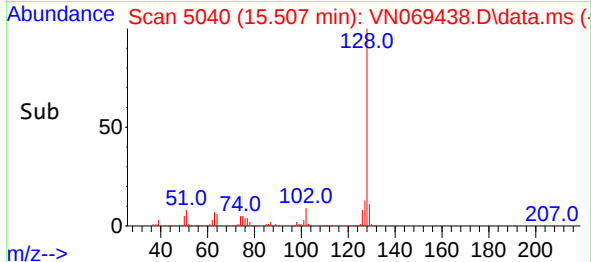
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



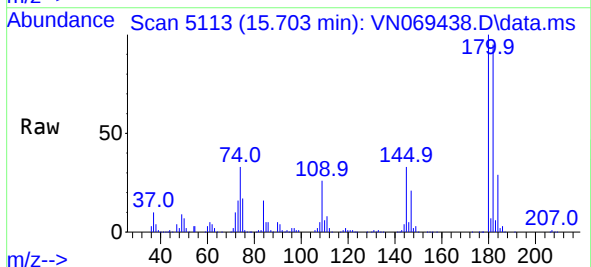
Tgt Ion:128 Resp: 1649211
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.7 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#92
1,2,3-Trichlorobenzene
Concen: 47.645 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069438.D
Acq: 10 Nov 2021 13:24



Tgt Ion:180 Resp: 572411
Ion Ratio Lower Upper
180 100
182 95.8 0.0 190.0
145 32.7 0.0 67.8

