

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111021\
 Data File : VN069437.D
 Acq On : 10 Nov 2021 12:59
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 13:57:45 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

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

Internal Standards						
1) Bromochloromethane	7.662	128	164712	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	968299	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	895455	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	452915	35.303	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	117.667%#
60) 4-Bromofluorobenzene	12.731	95	423439	27.578	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.933%
63) Toluene-d8	10.443	98	1269723	31.384	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	282081	25.901	ug/l	98
3) Chloromethane	2.306	50	284825	25.155	ug/l	96
4) Vinyl Chloride	2.448	62	288274	21.359	ug/l	98
5) Bromomethane	2.864	94	185233	20.926	ug/l	98
6) Chloroethane	3.025	64	186715	21.342	ug/l	98
7) Trichlorofluoromethane	3.376	101	435104	24.896	ug/l	98
8) Diethyl Ether	3.827	74	129749	20.968	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.205	101	195016	20.539	ug/l	72
10) 1,1-Dichloroethene	4.181	96	180487	19.483	ug/l	90
11) Methyl Iodide	4.419	142	237722	18.250	ug/l	97
12) Methyl Acetate	4.859	43	517866m	29.352	ug/l	
13) Acrolein	4.041	56	63287	59.541	ug/l	97
14) Acrylonitrile	5.562	53	668790	133.596	ug/l	99
15) Acetone	4.293	58	270117	172.609	ug/l	79
16) Carbon Disulfide	4.529	76	425642	17.100	ug/l	98
17) Allyl chloride	4.840	41	368002	23.068	ug/l	92
18) Methylene Chloride	5.098	84	224328	20.378	ug/l #	86
19) trans-1,2-Dichloroethene	5.599	96	193212	19.207	ug/l #	82
20) Diisopropyl ether	6.500	45	794017	23.301	ug/l #	96
21) 1,1-Dichloroethane	6.390	63	408383	21.471	ug/l	100
22) cis-1,2-Dichloroethene	7.329	96	239770	19.886	ug/l	93
23) tert-Butyl Alcohol	5.387	59	225718	109.893	ug/l #	100
24) Methyl tert-Butyl Ether	5.621	73	703450	20.020	ug/l	96
25) Chloroform	7.820	83	424037	20.863	ug/l	100
26) Cyclohexane	8.099	56	391289	22.335	ug/l #	87
29) 1,1-Dichloropropene	8.225	75	311932	20.470	ug/l	95
30) 2-Butanone	7.340	43	1144057	156.356	ug/l	92
31) 2,2-Dichloropropane	7.326	77	314382	17.221	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	352493	18.591	ug/l	95
33) Carbon Tetrachloride	8.209	117	290697	18.050	ug/l	98
34) Benzene	8.461	78	945470	20.778	ug/l #	94
35) Methacrylonitrile	7.640	41	193322	26.511	ug/l	89
36) 1,2-Dichloroethane	8.533	62	367807	22.397	ug/l	99
37) Trichloroethene	9.217	130	221256	19.123	ug/l	90
38) Methylcyclohexane	9.461	83	376907	19.429	ug/l	90
39) 1,2-Dichloropropane	9.491	63	246798	21.270	ug/l	98
40) Dibromomethane	9.579	93	163395	20.141	ug/l	97
41) Bromodichloromethane	9.764	83	294788	18.185	ug/l	96
42) Vinyl Acetate	6.439	43	3060226	117.211	ug/l #	94

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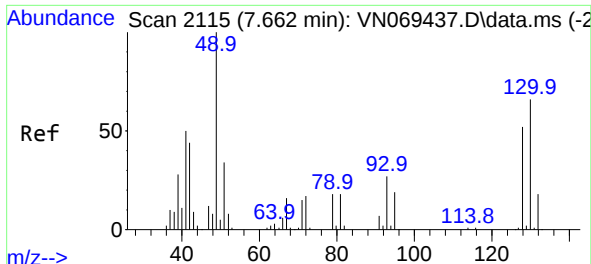
Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.420	43	389996	27.323	ug/l	100
44) Isopropyl Acetate	8.566	43	623198	23.580	ug/l	95
45) 1,4-Dioxane	9.569	88	99862	472.124	ug/l #	86
46) Methyl methacrylate	9.561	41	281904	23.596	ug/l	83
47) n-amyl Acetate	12.390	43	430896	19.204	ug/l	100
48) t-1,3-Dichloropropene	10.722	75	304474	16.239	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	340419	17.435	ug/l	94
50) 1,1,2-Trichloroethane	10.902	97	229262	19.691	ug/l	95
51) Ethyl methacrylate	10.762	69	364307	18.982	ug/l	91
52) 1,3-Dichloropropane	11.046	76	403065	20.577	ug/l	99
53) Dibromochloromethane	11.239	129	202667	16.306	ug/l	98
54) 1,2-Dibromoethane	11.347	107	234781	19.290	ug/l	97
55) 2-Chloroethyl vinyl ether	10.043	63	372696	61.164	ug/l	96
56) Bromoform	12.460	173	134795	15.045	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	2046214	135.450	ug/l #	94
59) 2-Hexanone	11.087	43	1547987	135.690	ug/l	95
61) Tetrachloroethene	10.979	164	204220	20.984	ug/l	94
62) Toluene	10.507	91	1051767	20.165	ug/l	99
64) Chlorobenzene	11.773	112	610871	19.311	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	213757	18.163	ug/l	99
66) Ethyl Benzene	11.846	91	1147019	19.561	ug/l	100
67) m/p-Xylenes	11.956	106	855447	38.793	ug/l	97
68) o-Xylene	12.283	106	427824	19.375	ug/l	99
69) Styrene	12.296	104	669708	18.303	ug/l	98
70) Isopropylbenzene	12.580	105	1103722	19.066	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	358903	21.153	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	341211m	23.404	ug/l	
73) Bromobenzene	12.862	156	245001	18.672	ug/l	92
74) n-propylbenzene	12.921	91	1254020	18.864	ug/l	98
75) 2-Chlorotoluene	13.010	91	763582	18.758	ug/l	96
76) 1,3,5-Trimethylbenzene	13.061	105	905266	18.763	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	76995	13.504	ug/l	79
78) 4-Chlorotoluene	13.106	91	715393	17.932	ug/l	96
79) tert-butylbenzene	13.326	119	770021	18.177	ug/l	100
80) 1,2,4-Trimethylbenzene	13.369	105	880522m	18.591	ug/l	
81) sec-Butylbenzene	13.503	105	1094524	18.456	ug/l	99
82) p-Isopropyltoluene	13.616	119	851668	17.607	ug/l	100
83) 1,3-Dichlorobenzene	13.618	146	416112	18.014	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	402454	17.892	ug/l	98
85) n-Butylbenzene	13.946	91	666738	16.481	ug/l	99
86) Hexachloroethane	14.214	117	129935	14.346	ug/l	93
87) 1,2-Dichlorobenzene	13.989	146	411567	18.647	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.603	75	55721	17.631	ug/l	97
89) 1,2,4-Trichlorobenzene	15.265	180	168069	15.102	ug/l	98
90) Hexachlorobutadiene	15.372	225	104708	17.996	ug/l	99
91) Naphthalene	15.509	128	446530	13.872	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	167037	15.705	ug/l	100

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



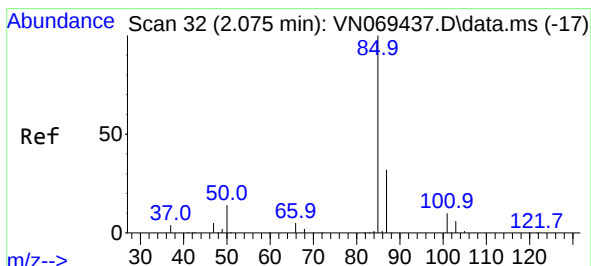
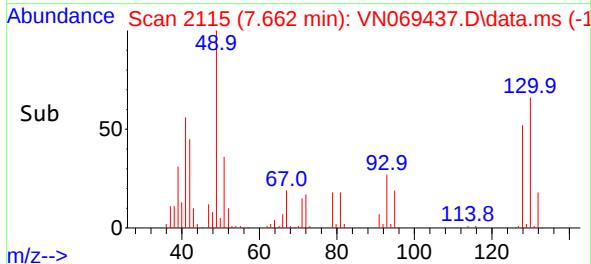
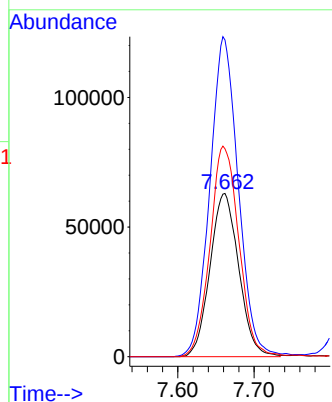
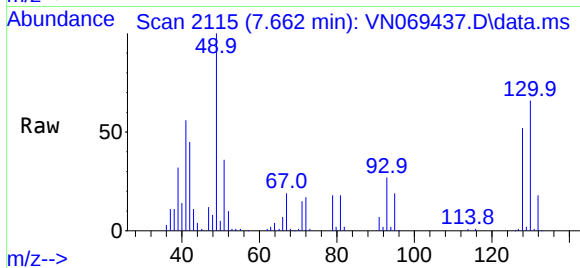
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
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VSTDICCC020

Tgt Ion:128 Resp: 164712
Ion Ratio Lower Upper
128 100
49 193.4 0.0 392.3
130 129.5 0.0 320.2

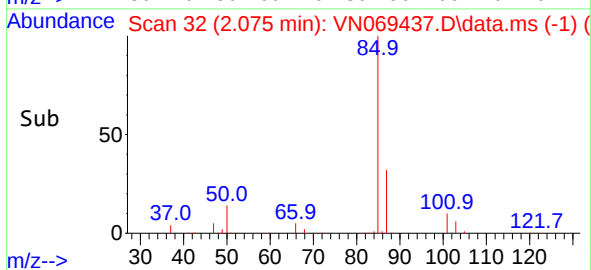
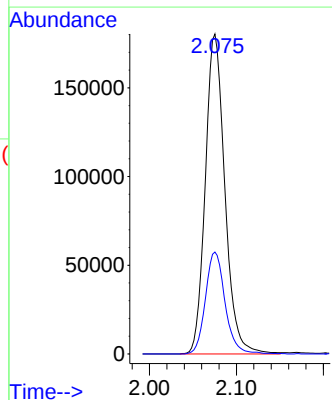
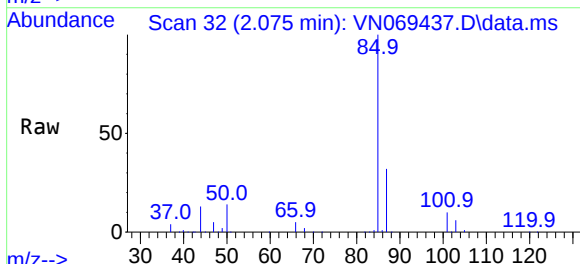
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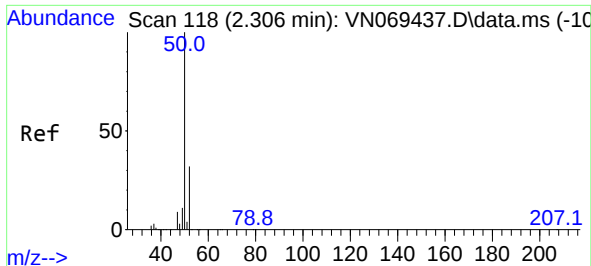
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#2
Dichlorodifluoromethane
Concen: 25.901 ug/l
RT: 2.075 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

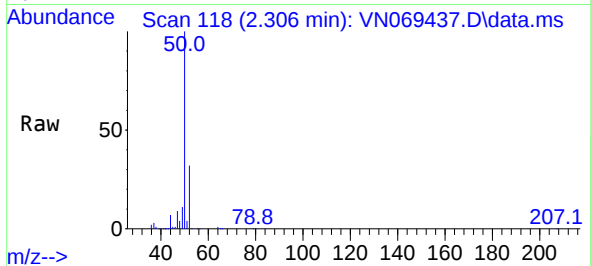
Tgt Ion: 85 Resp: 282081
Ion Ratio Lower Upper
85 100
87 31.9 16.6 49.7





#3
Chloromethane
Concen: 25.155 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

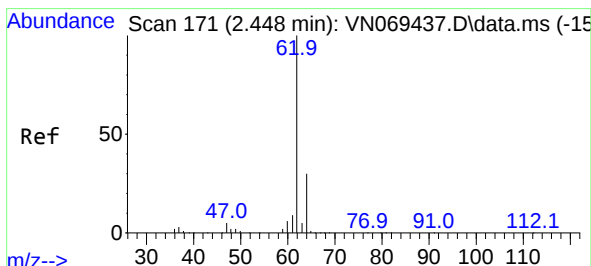
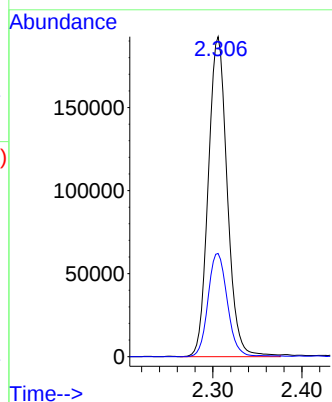
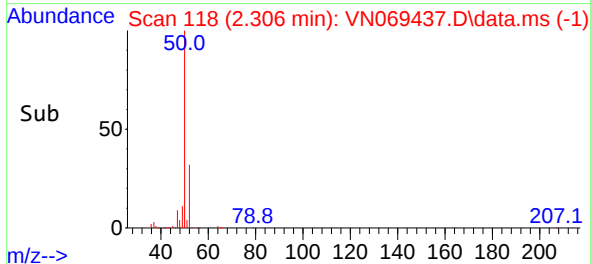
Instrument :
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ClientSampleId :
VSTDICCC020



Tgt Ion: 50 Resp: 284825
Ion Ratio Lower Upper
50 100
52 32.2 27.8 41.6

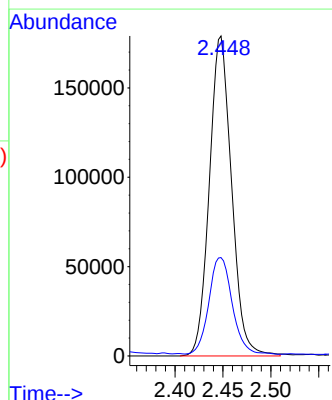
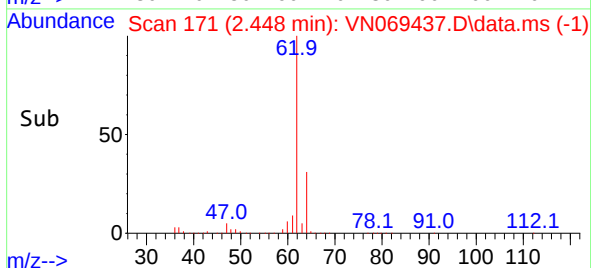
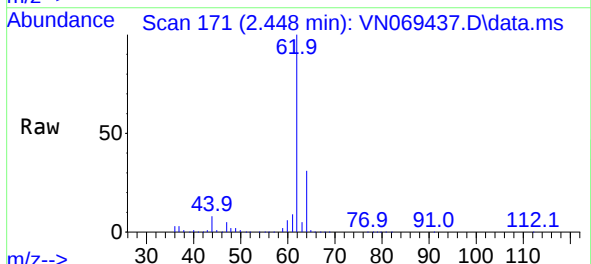
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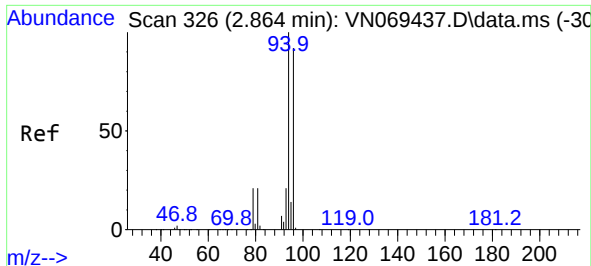
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#4
Vinyl Chloride
Concen: 21.359 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

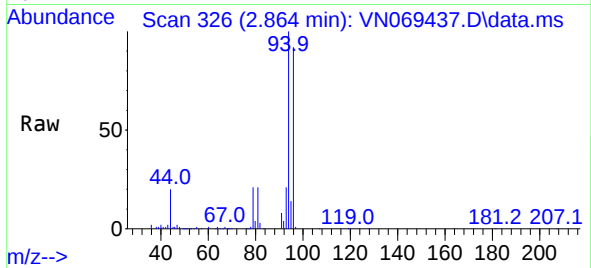
Tgt Ion: 62 Resp: 288274
Ion Ratio Lower Upper
62 100
64 30.2 25.1 37.7





#5
Bromomethane
Concen: 20.926 ug/l
RT: 2.864 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

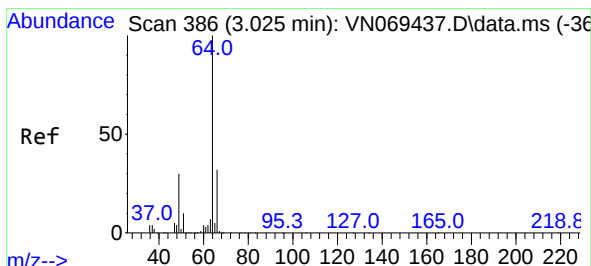
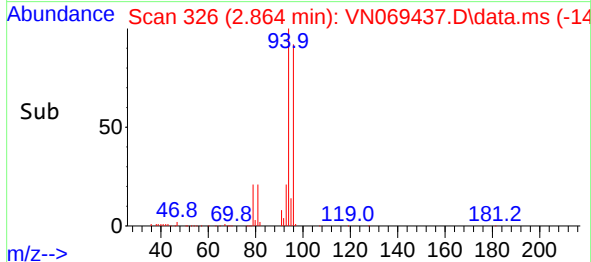
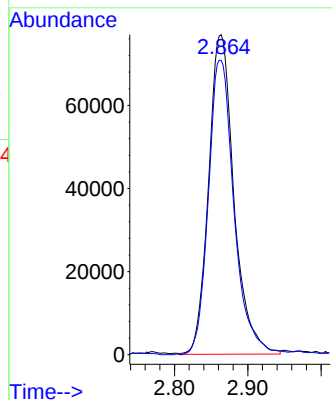
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 18523
Ion Ratio Lower Upper
94 100
96 92.3 75.2 112.8

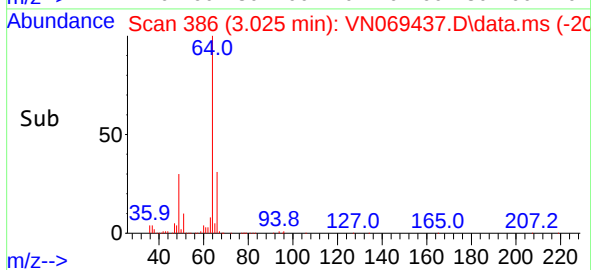
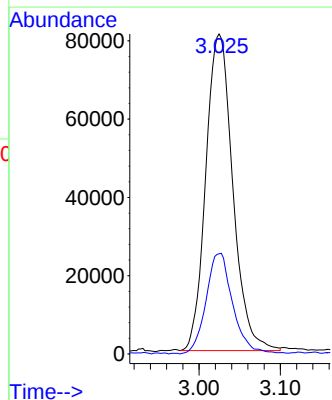
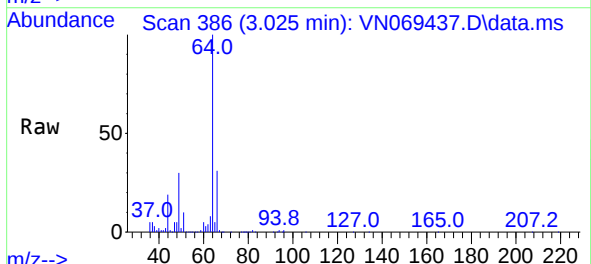
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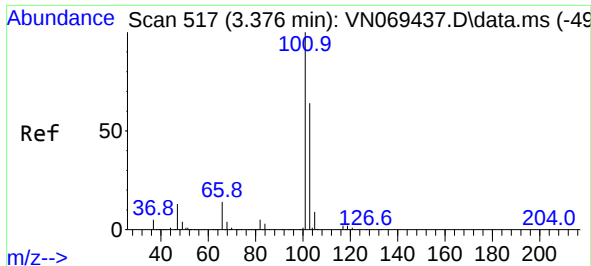
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#6
Chloroethane
Concen: 21.342 ug/l
RT: 3.025 min Scan# 386
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion: 64 Resp: 186715
Ion Ratio Lower Upper
64 100
66 31.6 24.6 36.8





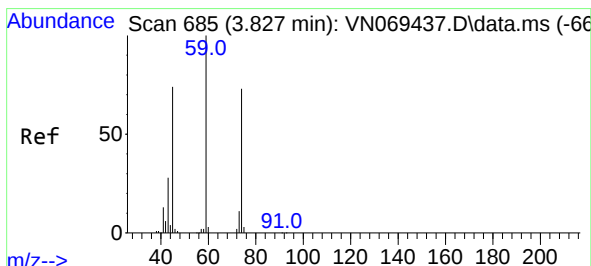
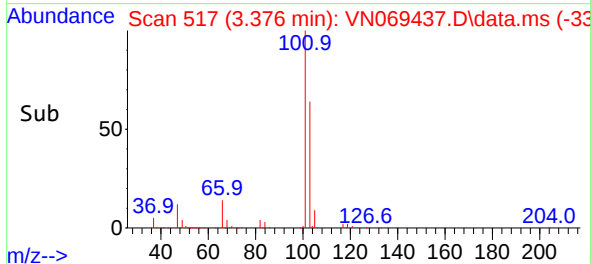
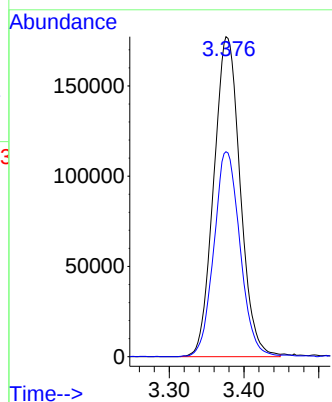
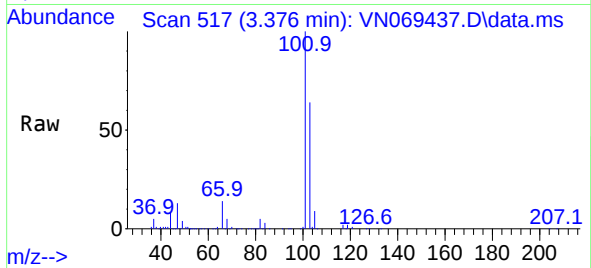
#7
Trichlorofluoromethane
Concen: 24.896 ug/l
RT: 3.376 min Scan# 517
Delta R.T. -0.003 min
Lab File: VN069437.D
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Tgt Ion:101 Resp: 435104
Ion Ratio Lower Upper
101 100
103 64.0 50.1 75.1

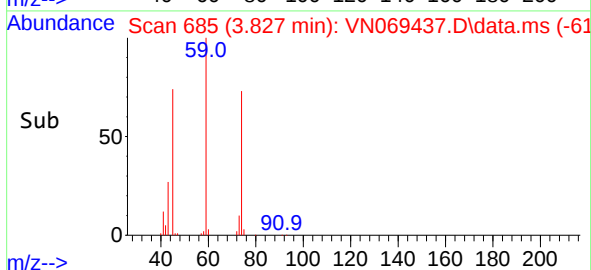
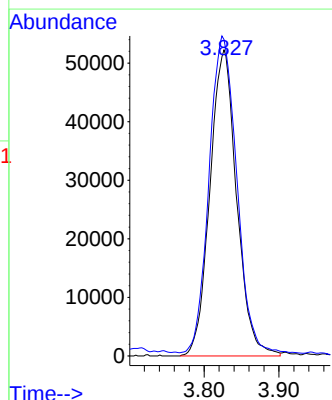
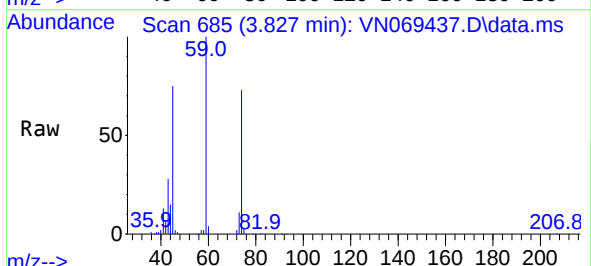
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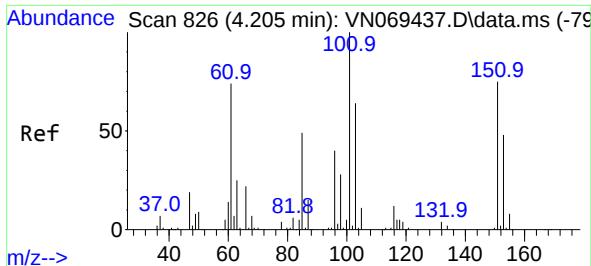
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#8
Diethyl Ether
Concen: 20.968 ug/l
RT: 3.827 min Scan# 685
Delta R.T. -0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion: 74 Resp: 129749
Ion Ratio Lower Upper
74 100
45 106.2 17.6 158.8





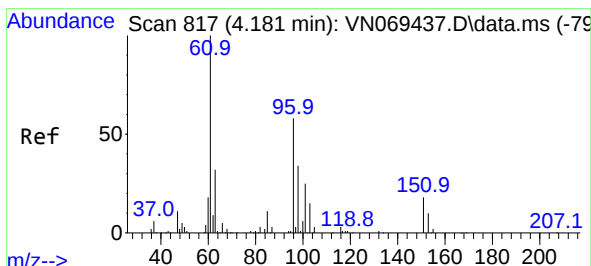
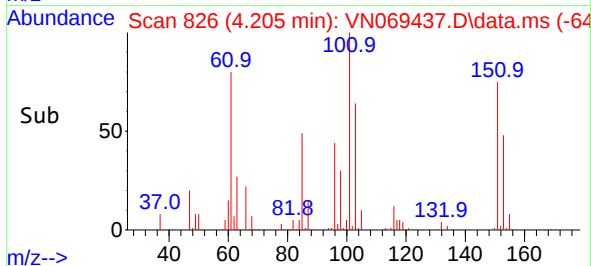
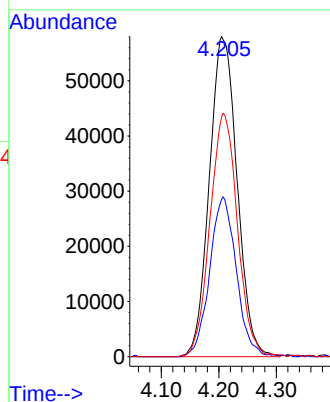
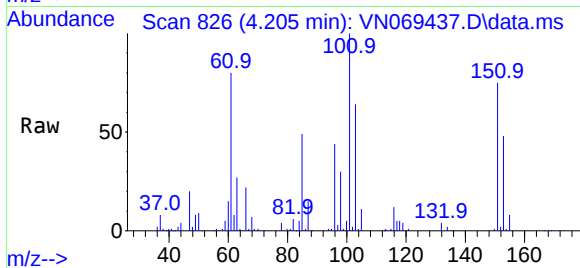
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1,1,2-Trichlorotrifluoroethane
Concen: 20.539 ug/l
RT: 4.205 min Scan# 81
Delta R.T. -0.016 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
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ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 195010
Ion Ratio Lower Upper
101 100
85 47.6 0.0 94.0
151 74.4 0.0 74.6

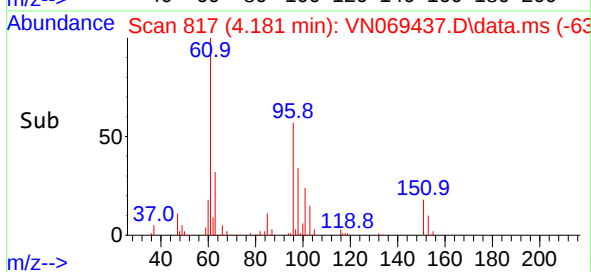
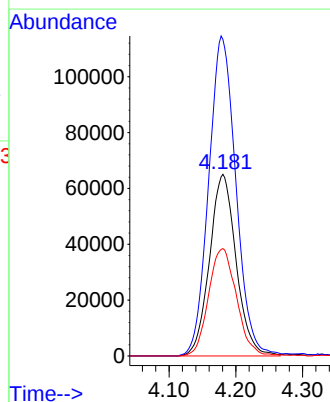
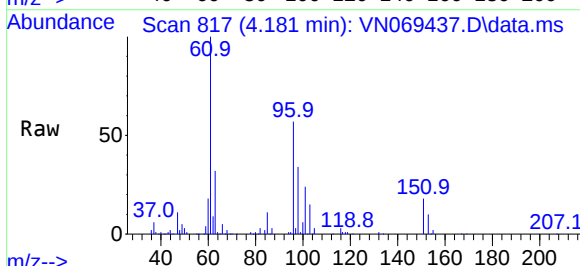
Manual Integrations
APPROVED

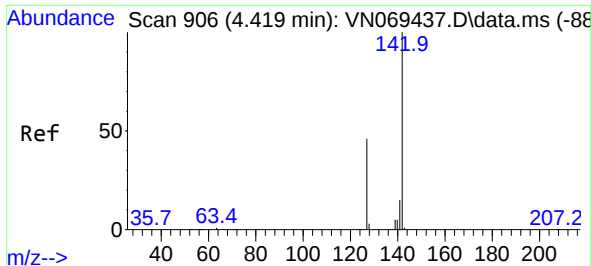
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#10
1,1-Dichloroethene
Concen: 19.483 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.011 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

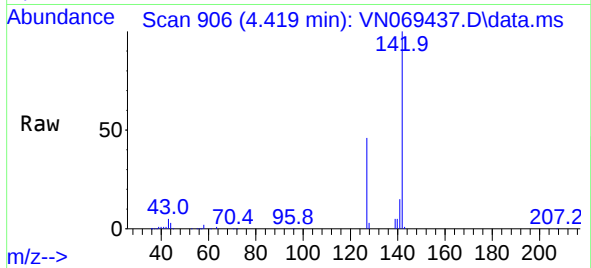
Tgt Ion: 96 Resp: 180487
Ion Ratio Lower Upper
96 100
61 173.8 126.2 189.4
98 59.1 50.9 76.3





#11
Methyl Iodide
Concen: 18.250 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.011 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

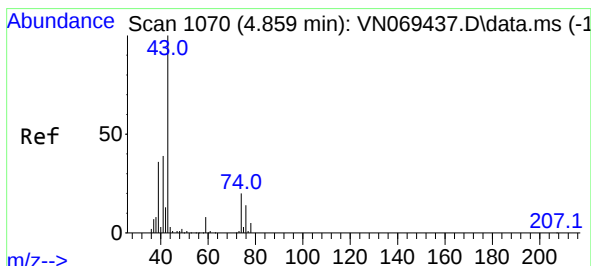
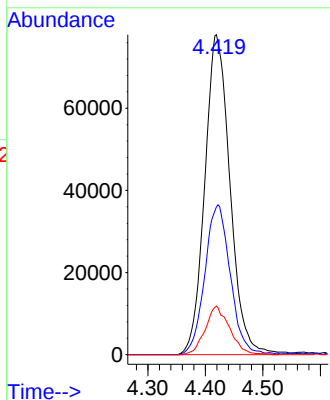
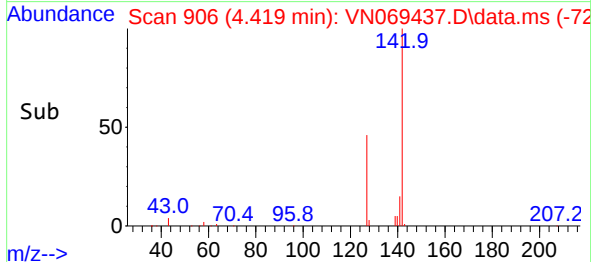
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 23772
Ion Ratio Lower Upper
142 100
127 46.2 24.0 72.0
141 15.2 8.4 25.2

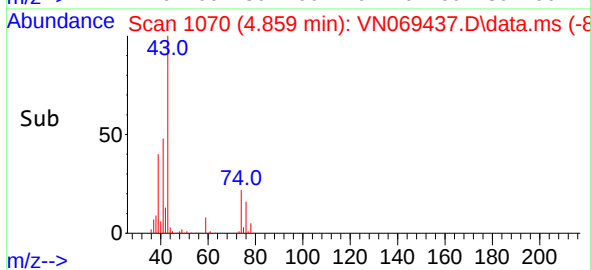
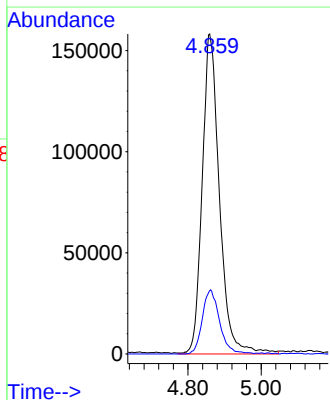
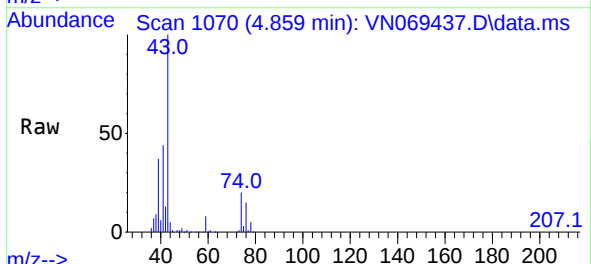
Manual Integrations
APPROVED

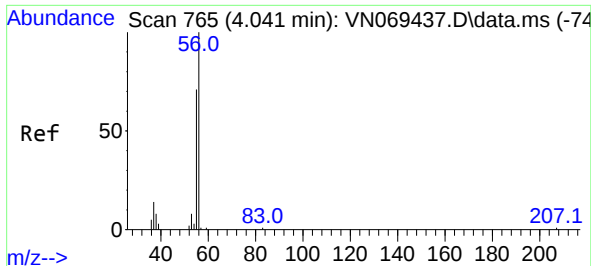
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#12
Methyl Acetate
Concen: 29.352 ug/l m
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

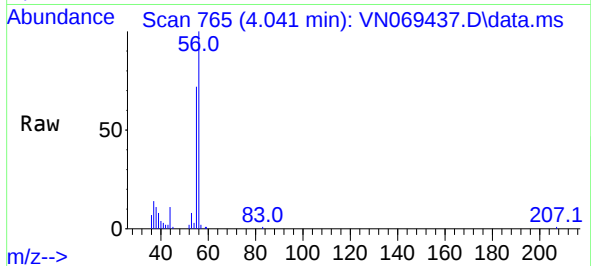
Tgt Ion: 43 Resp: 517866
Ion Ratio Lower Upper
43 100
74 19.8 20.8 31.2#





#13
Acrolein
Concen: 59.541 ug/l
RT: 4.041 min Scan# 765
Delta R.T. -0.005 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

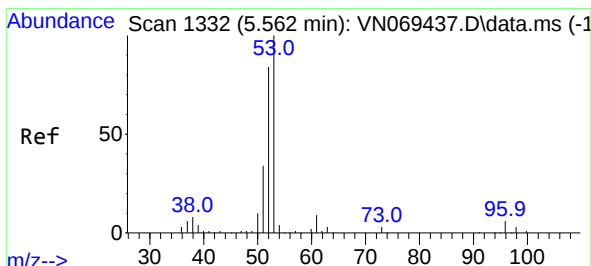
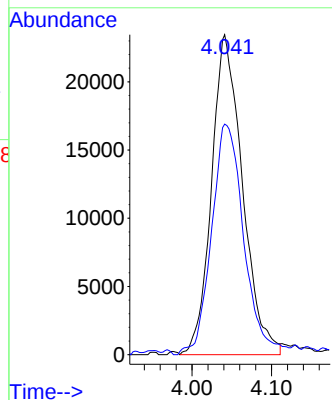
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



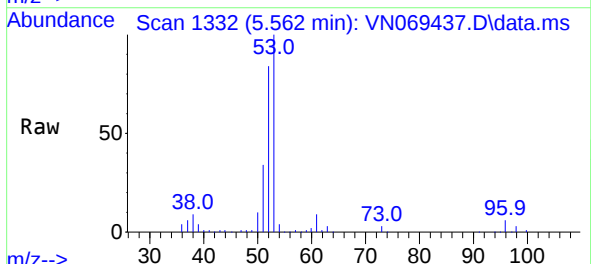
Tgt Ion: 56 Resp: 6328
Ion Ratio Lower Upper
56 100
55 74.8 57.6 86.4

Manual Integrations
APPROVED

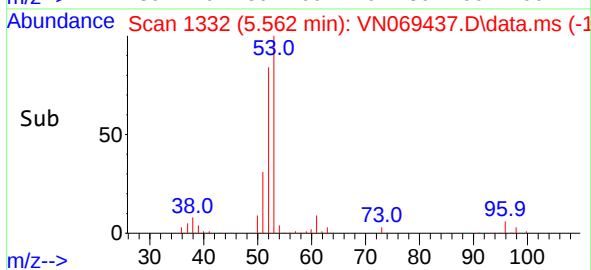
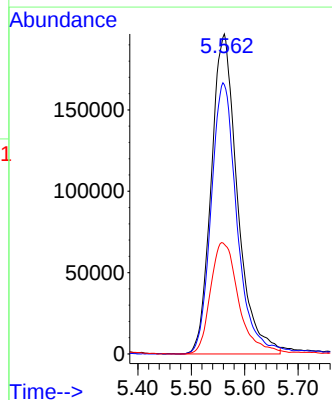
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

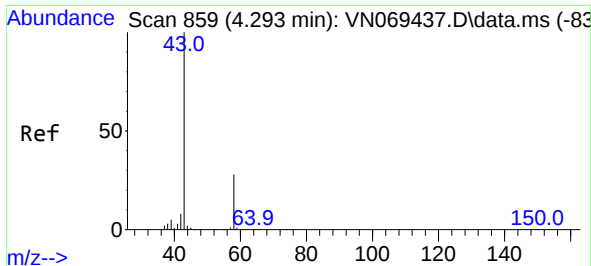


#14
Acrylonitrile
Concen: 133.596 ug/l
RT: 5.562 min Scan# 1332
Delta R.T. 0.005 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59



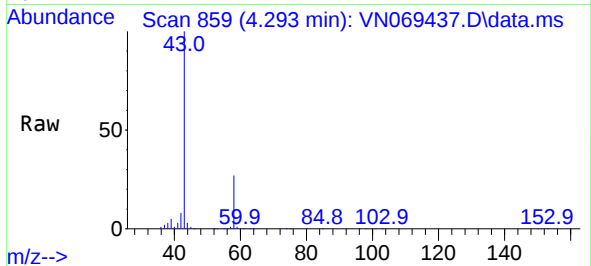
Tgt Ion: 53 Resp: 668790
Ion Ratio Lower Upper
53 100
52 82.8 41.8 125.4
51 37.7 19.0 57.0





#15
Acetone
Concen: 172.609 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

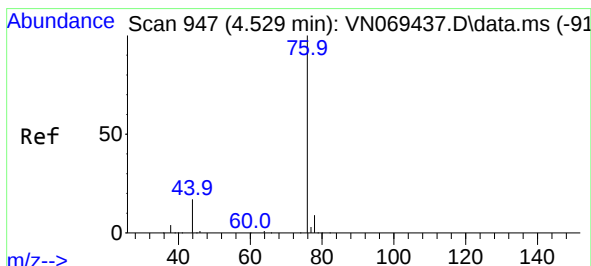
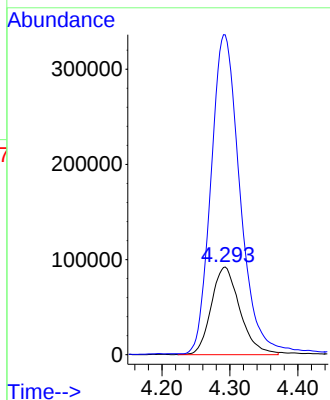
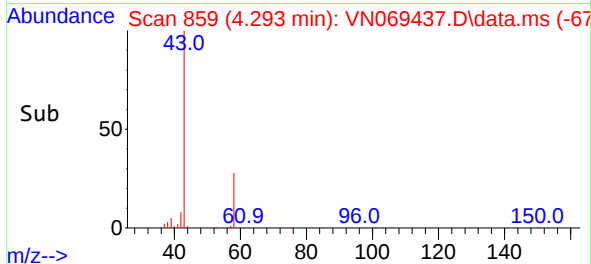
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



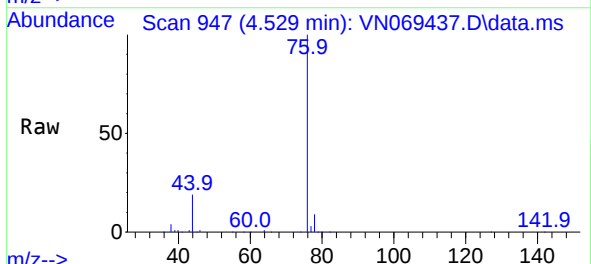
Tgt Ion: 58 Resp: 270117
Ion Ratio Lower Upper
58 100
43 363.6 256.6 384.8

Manual Integrations
APPROVED

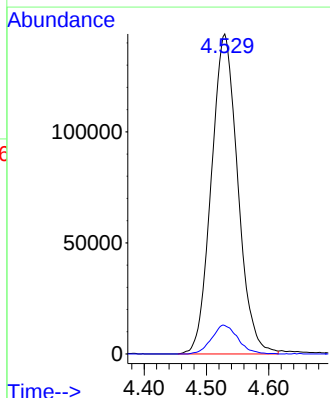
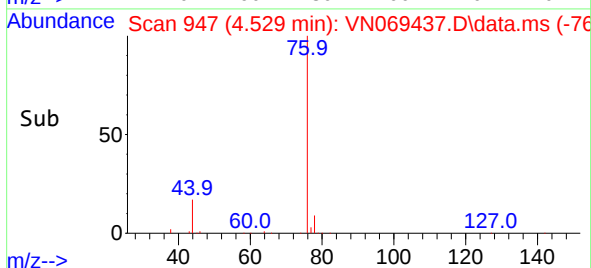
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

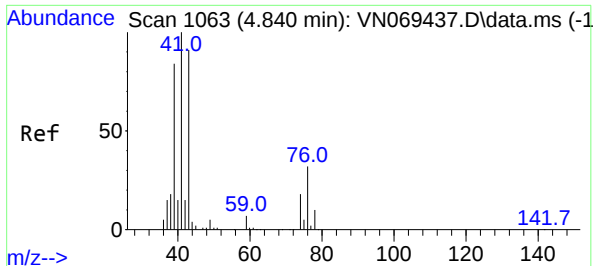


#16
Carbon Disulfide
Concen: 17.100 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.008 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59



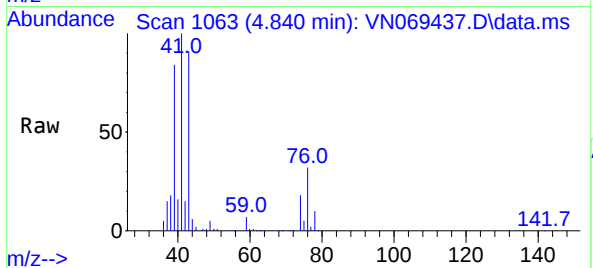
Tgt Ion: 76 Resp: 425642
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8





#17
Allyl chloride
Concen: 23.068 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. -0.005 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

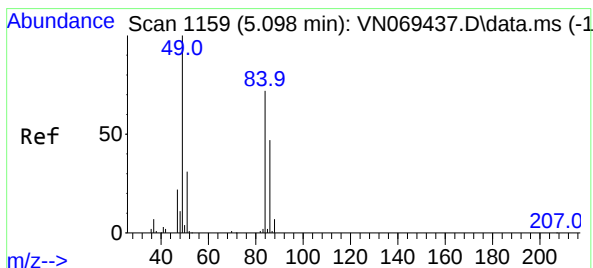
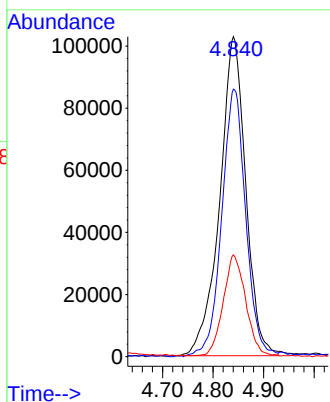
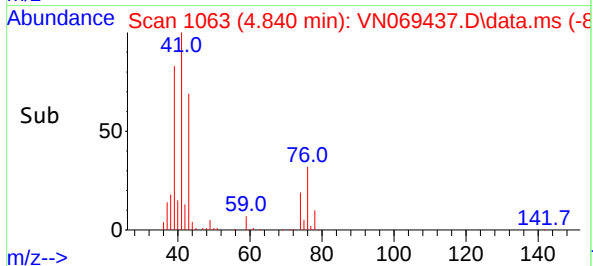
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 368000
Ion Ratio Lower Upper
41 100
39 83.6 44.6 134.0
76 31.4 19.6 58.7

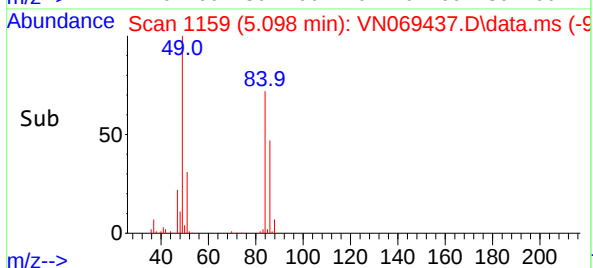
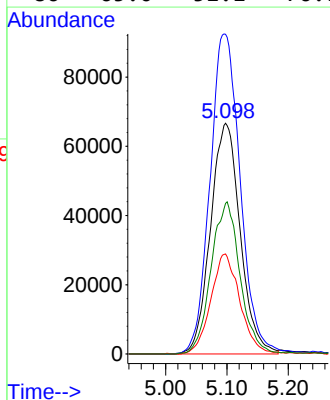
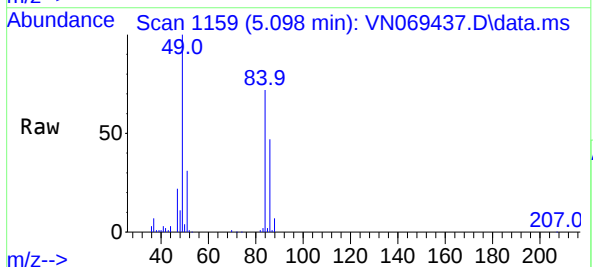
Manual Integrations
APPROVED

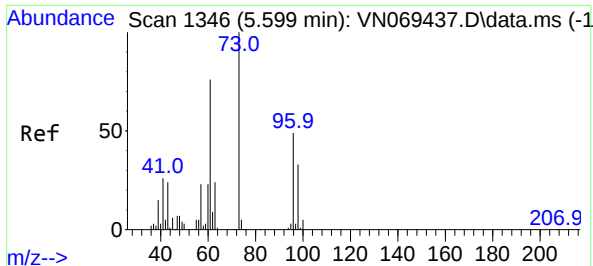
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#18
Methylene Chloride
Concen: 20.378 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

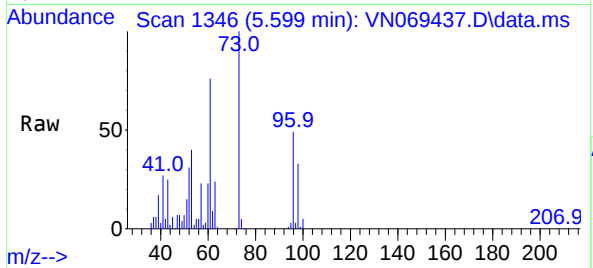
Tgt Ion: 84 Resp: 224328
Ion Ratio Lower Upper
84 100
49 138.2 91.4 137.0#
51 43.3 29.4 44.0
86 65.0 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 19.207 ug/l
RT: 5.599 min Scan# 1346
Delta R.T. -0.005 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

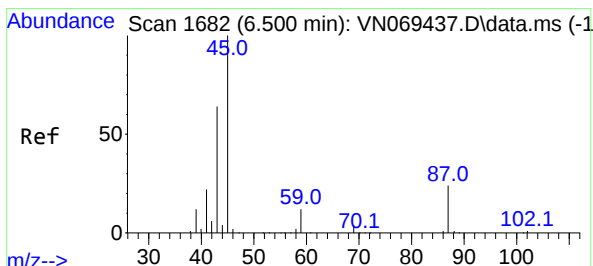
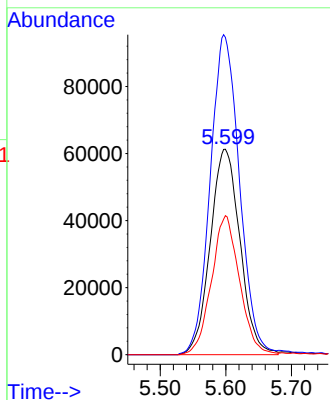
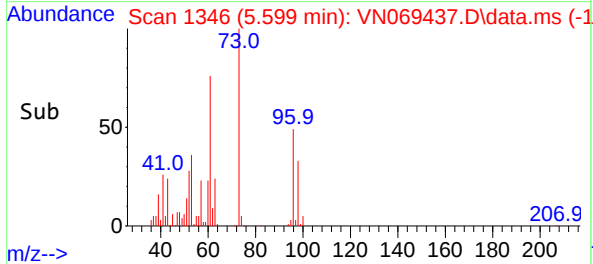
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



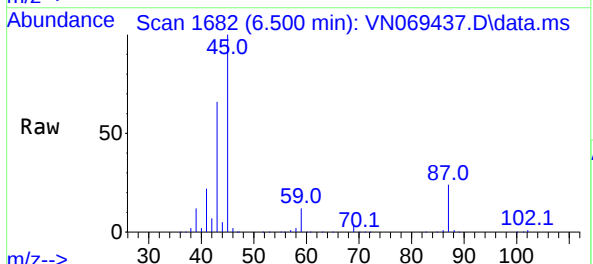
Tgt Ion: 96 Resp: 193212
Ion Ratio Lower Upper
96 100
61 154.4 102.8 154.2
98 67.7 49.3 73.9

Manual Integrations
APPROVED

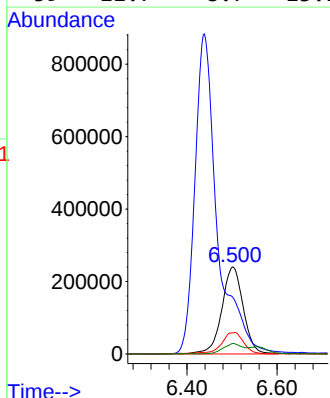
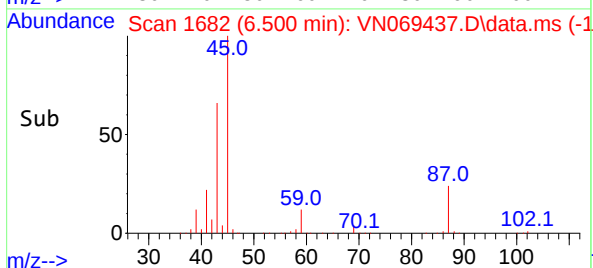
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

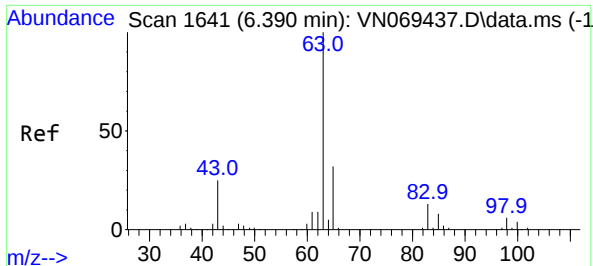


#20
Diisopropyl ether
Concen: 23.301 ug/l
RT: 6.500 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59



Tgt Ion: 45 Resp: 794017
Ion Ratio Lower Upper
45 100
43 63.5 51.0 76.4
87 24.2 25.0 37.4
59 11.7 8.7 13.1





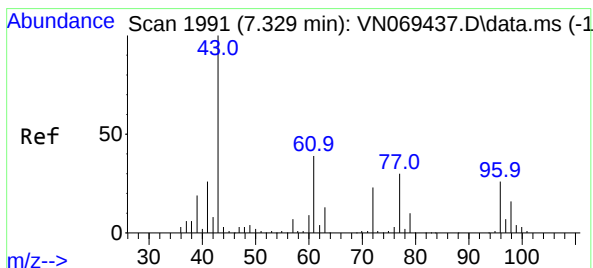
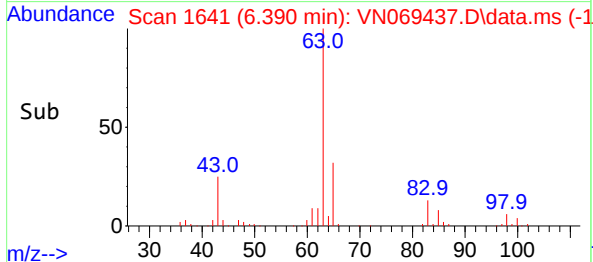
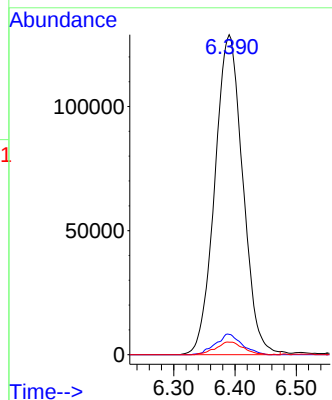
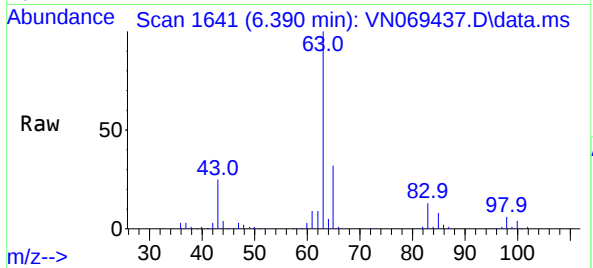
#21
1,1-Dichloroethane
Concen: 21.471 ug/l
RT: 6.390 min Scan# 1641
Delta R.T. -0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 40838
Ion Ratio Lower Upper
63 100
98 6.4 3.2 9.6
100 4.1 2.1 6.2

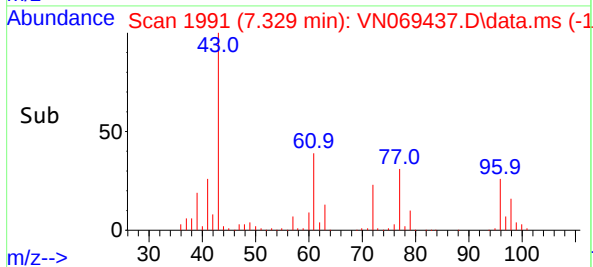
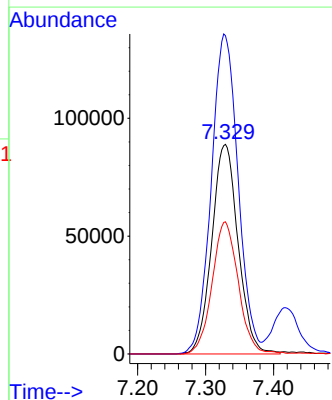
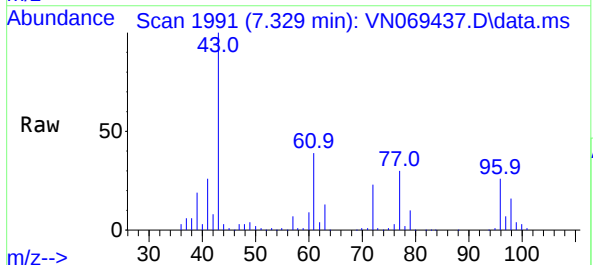
Manual Integrations
APPROVED

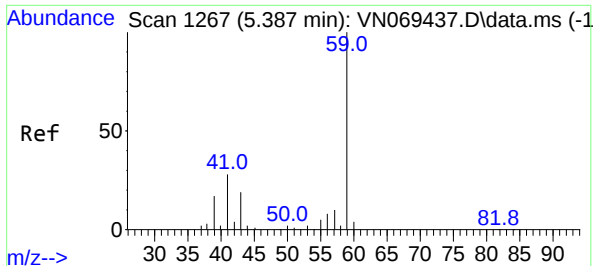
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#22
cis-1,2-Dichloroethene
Concen: 19.886 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion: 96 Resp: 239770
Ion Ratio Lower Upper
96 100
61 155.2 115.7 173.5
98 62.3 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 109.893 ug/l

RT: 5.387 min Scan# 1267

Delta R.T. 0.021 min

Lab File: VN069437.D

Acq: 10 Nov 2021 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 59 Resp: 225718

Ion Ratio Lower Upper

59 100

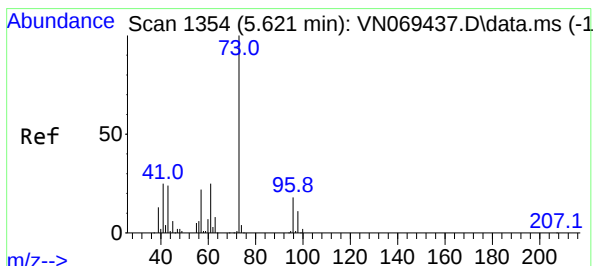
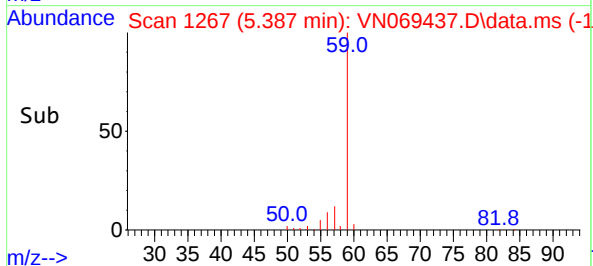
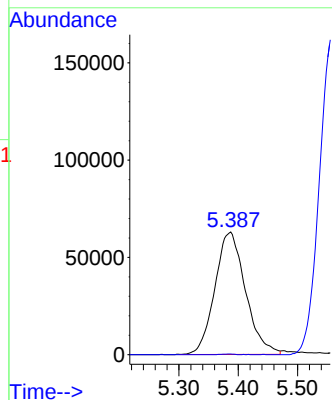
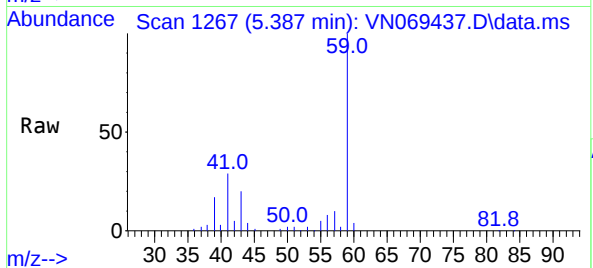
52 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#24

Methyl tert-Butyl Ether

Concen: 20.020 ug/l

RT: 5.621 min Scan# 1354

Delta R.T. -0.000 min

Lab File: VN069437.D

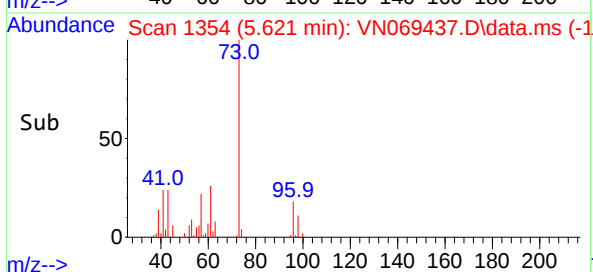
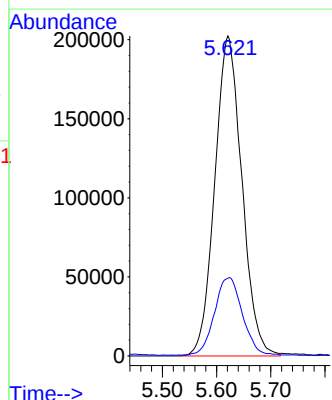
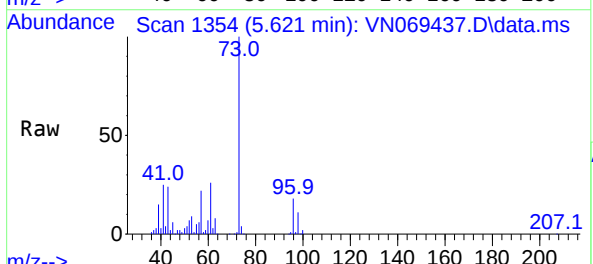
Acq: 10 Nov 2021 12:59

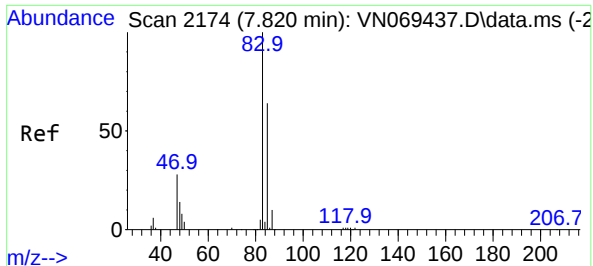
Tgt Ion: 73 Resp: 703450

Ion Ratio Lower Upper

73 100

43 24.7 18.1 27.1





#25

Chloroform

Concen: 20.863 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. -0.000 min

Lab File: VN069437.D

Acq: 10 Nov 2021 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 42403

Ion Ratio Lower Upper

83 100

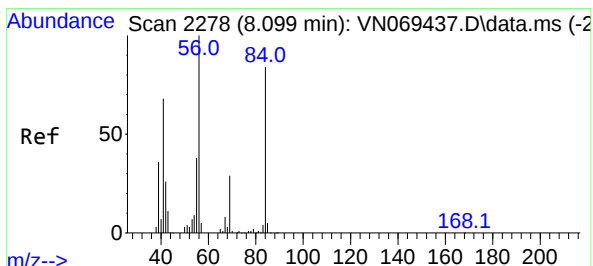
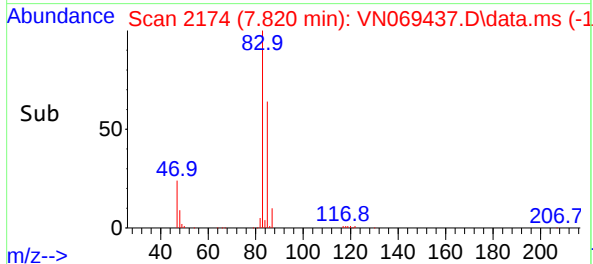
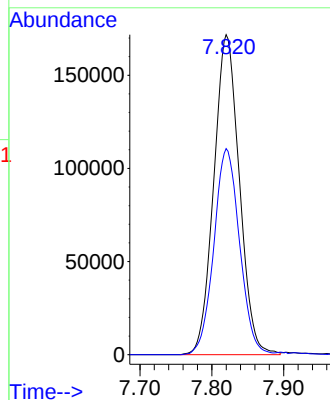
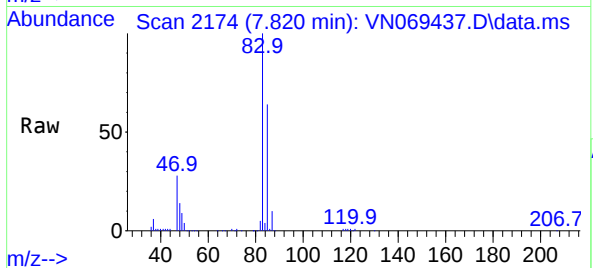
85 64.4 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#26

Cyclohexane

Concen: 22.335 ug/l

RT: 8.099 min Scan# 2278

Delta R.T. -0.000 min

Lab File: VN069437.D

Acq: 10 Nov 2021 12:59

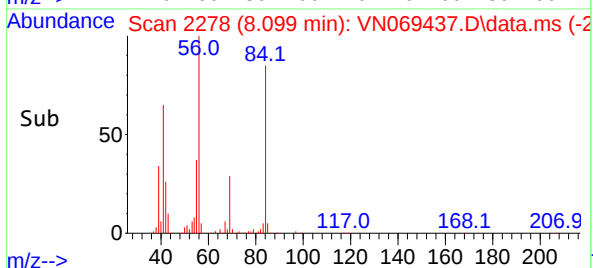
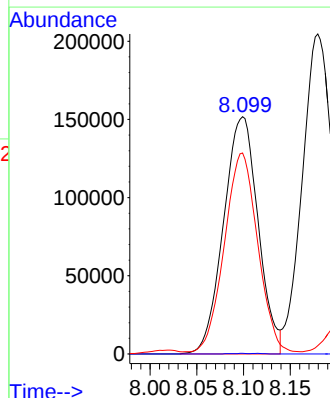
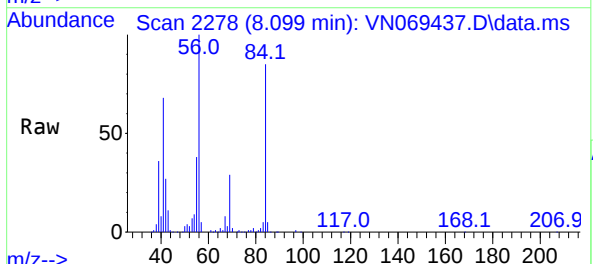
Tgt Ion: 56 Resp: 391289

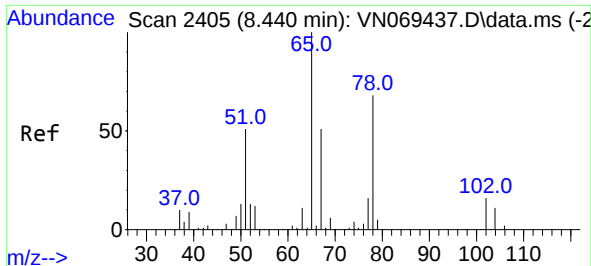
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

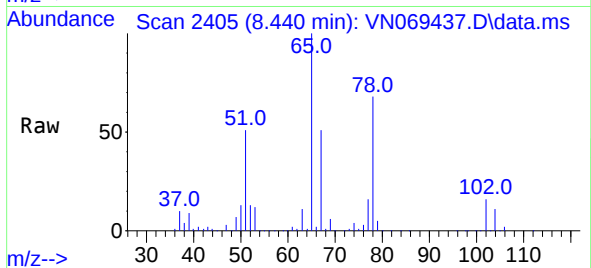
84 80.3 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 35.303 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

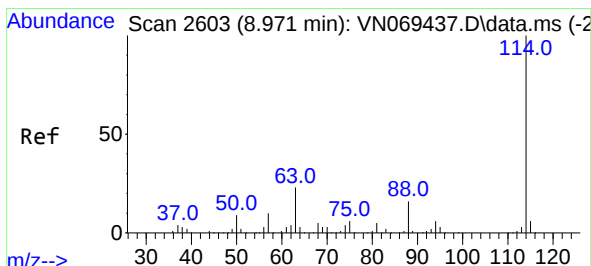
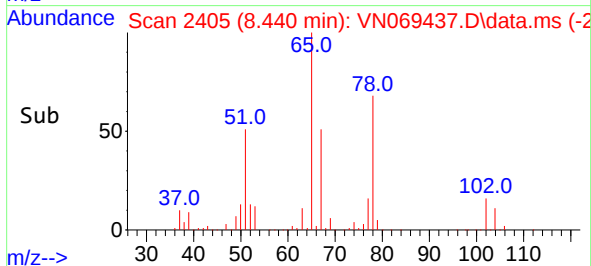
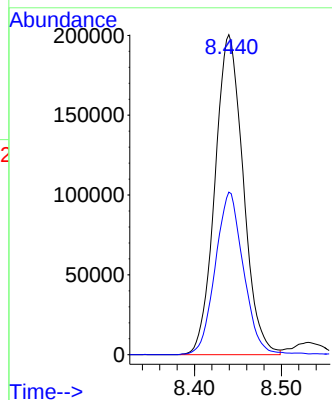
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 65 Resp: 452915
Ion Ratio Lower Upper
65 100
67 50.2 40.2 60.2

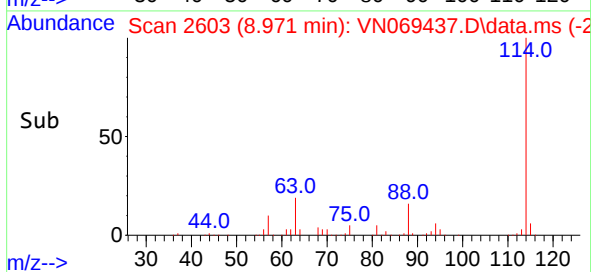
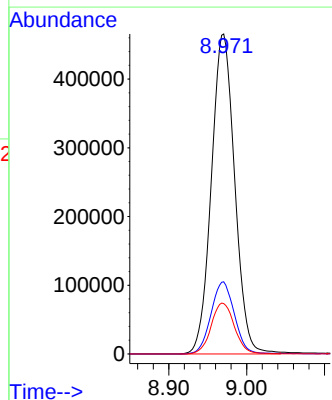
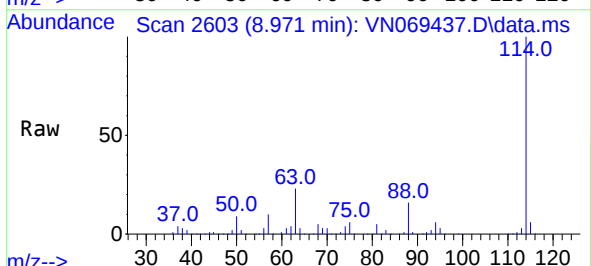
Manual Integrations
APPROVED

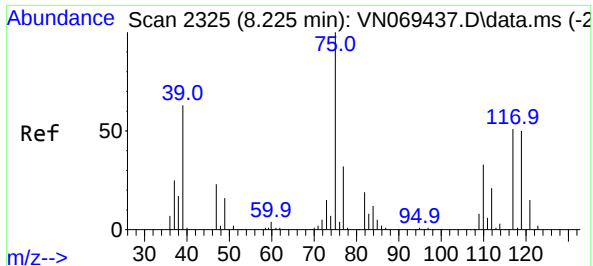
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion:114 Resp: 968299
Ion Ratio Lower Upper
114 100
63 22.6 15.8 23.6
88 15.9 11.6 17.4





#29
1,1-Dichloropropene
Concen: 20.470 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :

MSVOA_N

ClientSampleId :

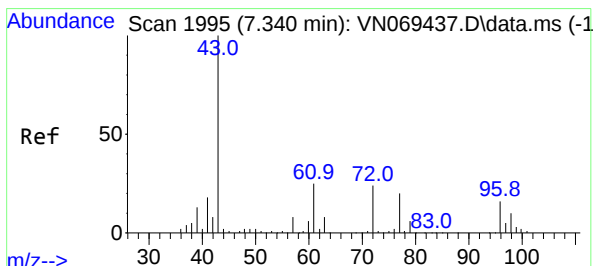
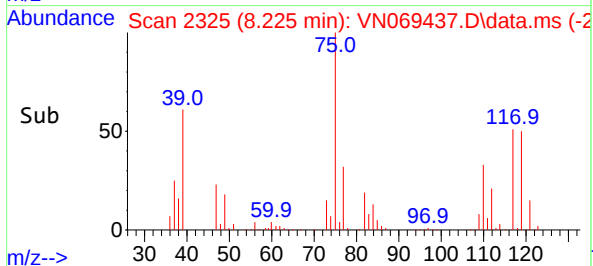
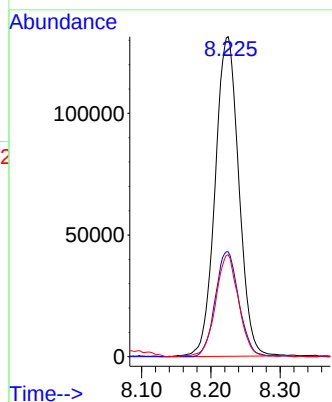
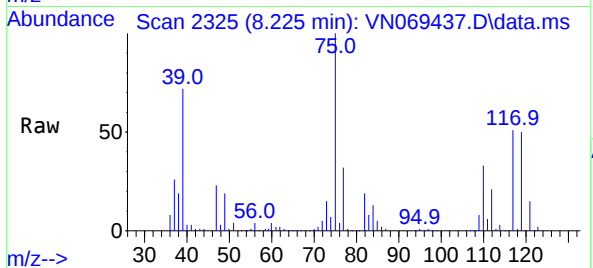
VSTDICCC020

Tgt Ion: 75 Resp: 31193
Ion Ratio Lower Upper
75 100
110 32.6 0.0 74.2
77 30.4 0.0 63.2

Manual Integrations

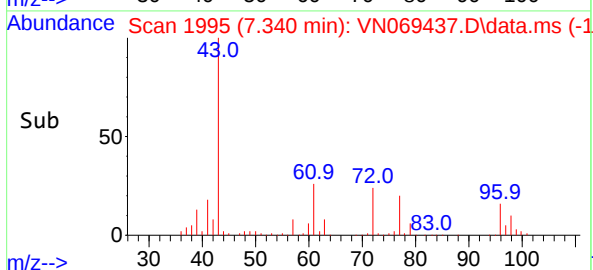
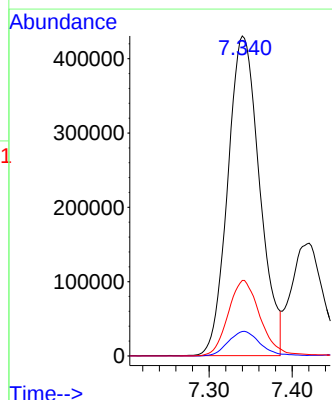
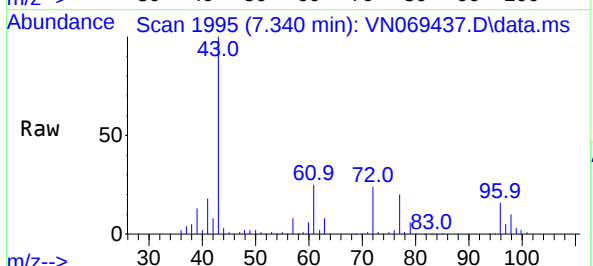
APPROVED

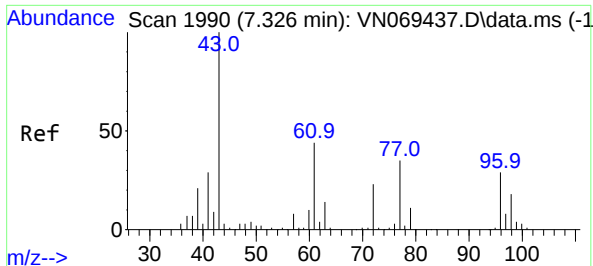
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#30
2-Butanone
Concen: 156.356 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion: 43 Resp: 1144057
Ion Ratio Lower Upper
43 100
57 7.8 6.7 10.1
72 23.9 23.2 34.8





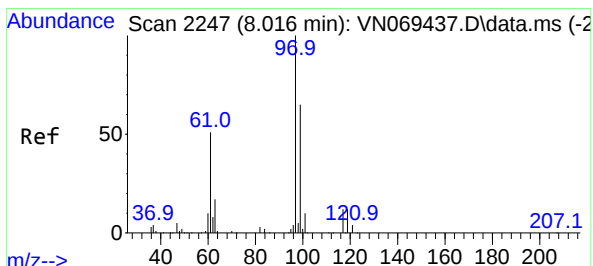
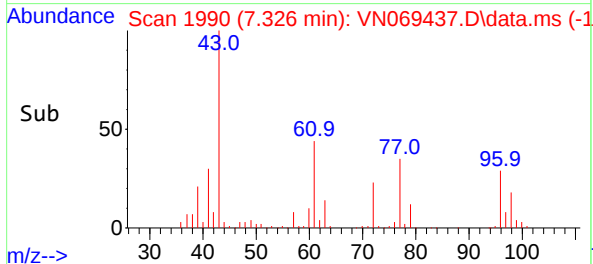
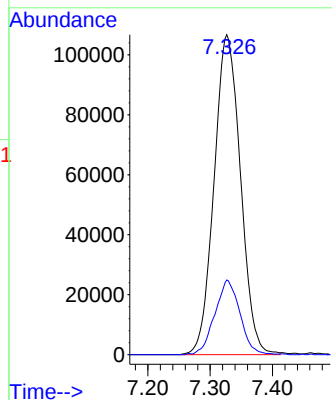
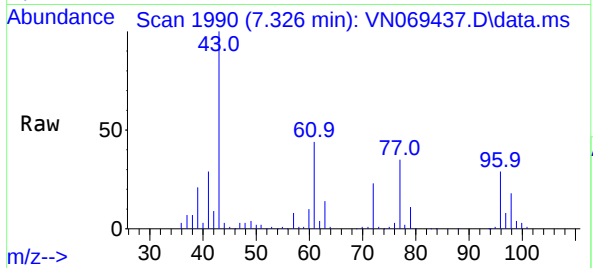
#31
2,2-Dichloropropane
Concen: 17.221 ug/l
RT: 7.326 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 31438
Ion Ratio Lower Upper
77 100
97 21.7 18.3 27.5

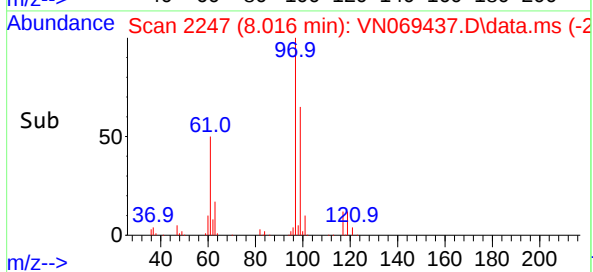
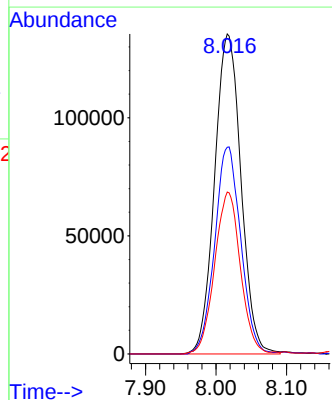
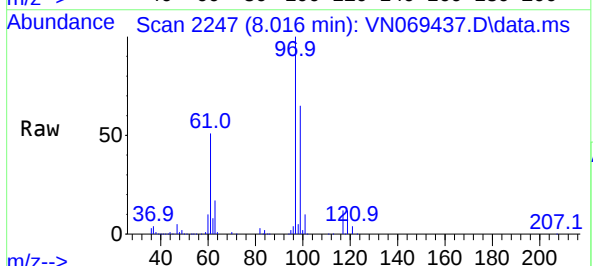
Manual Integrations
APPROVED

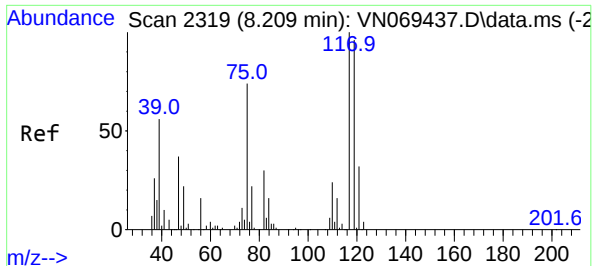
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#32
1,1,1-Trichloroethane
Concen: 18.591 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

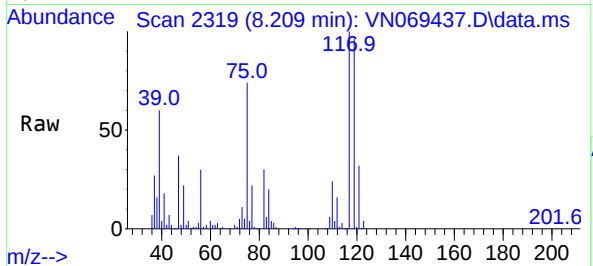
Tgt Ion: 97 Resp: 352493
Ion Ratio Lower Upper
97 100
99 63.9 50.4 75.6
61 49.3 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.050 ug/l
RT: 8.209 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

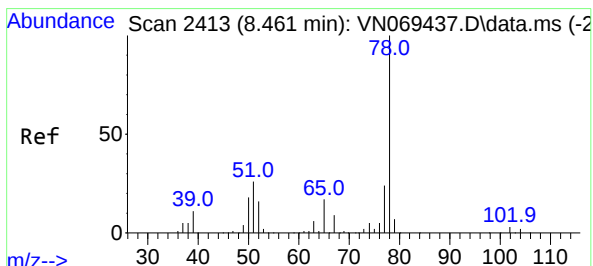
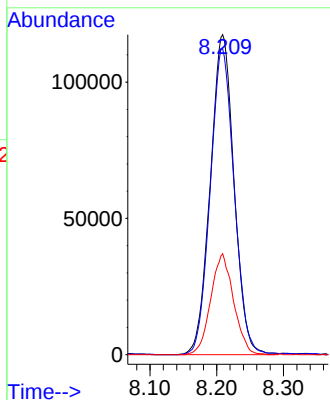
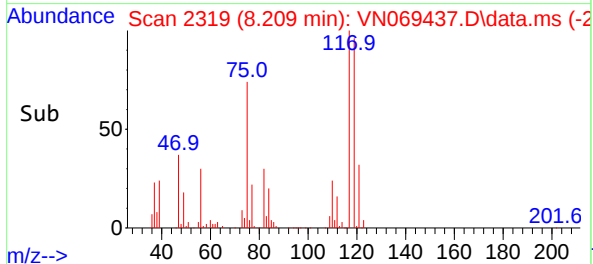
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



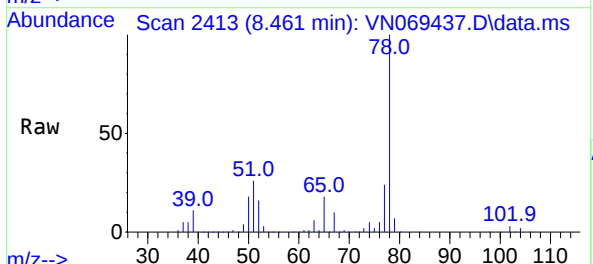
Tgt Ion:117 Resp: 29069
Ion Ratio Lower Upper
117 100
119 95.5 77.5 116.3
121 31.6 23.5 35.3

Manual Integrations
APPROVED

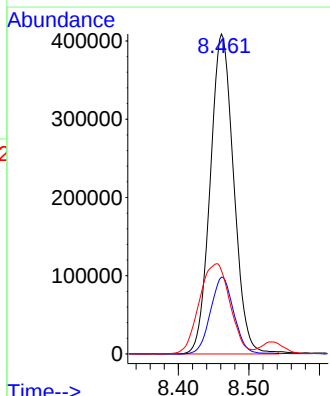
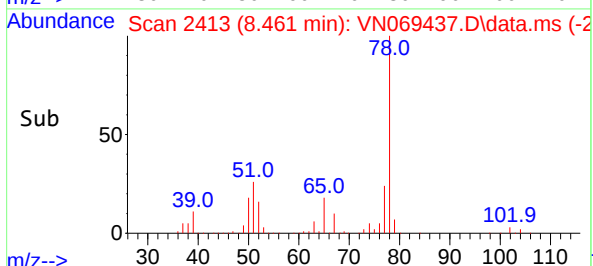
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

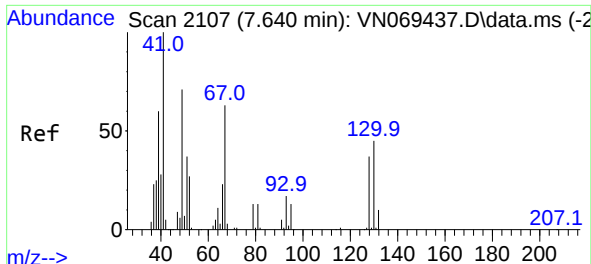


#34
Benzene
Concen: 20.778 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59



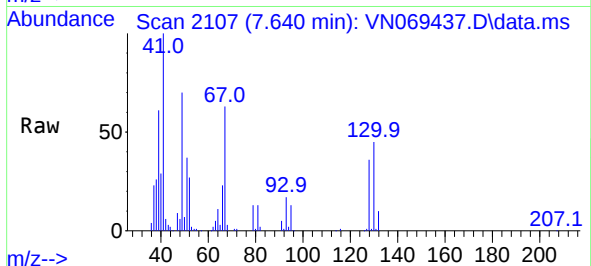
Tgt Ion: 78 Resp: 945470
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7
51 25.6 16.0 24.0#





#35
Methacrylonitrile
Concen: 26.511 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.005 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

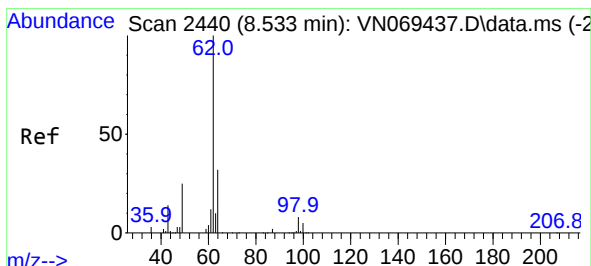
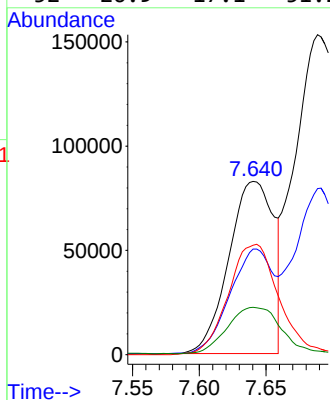
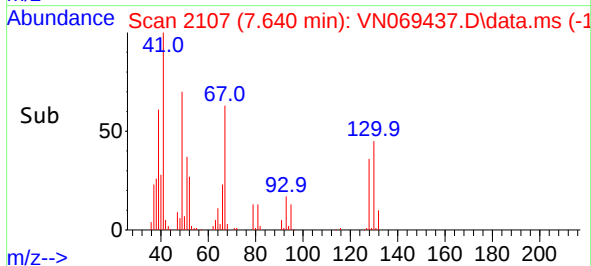
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



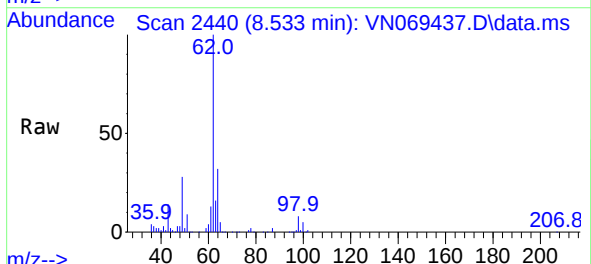
Tgt Ion: 41 Resp: 19332
Ion Ratio Lower Upper
41 100
39 60.4 28.0 83.9
67 63.2 37.7 113.1
52 26.9 17.1 51.2

Manual Integrations
APPROVED

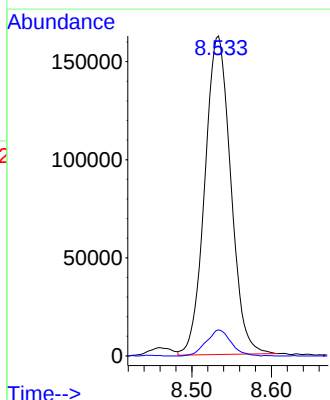
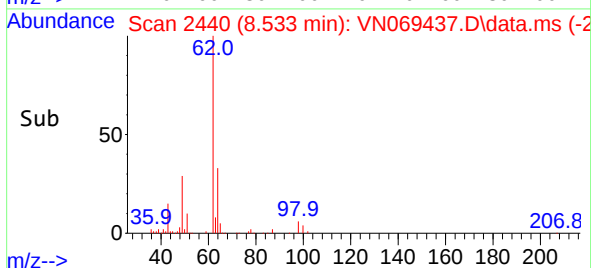
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

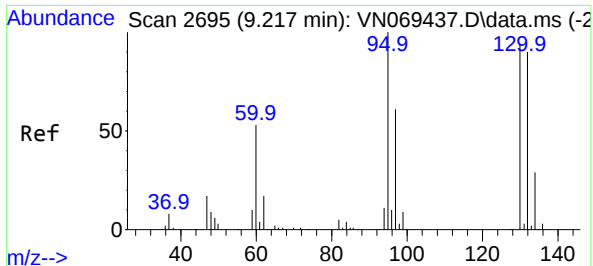


#36
1,2-Dichloroethane
Concen: 22.397 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59



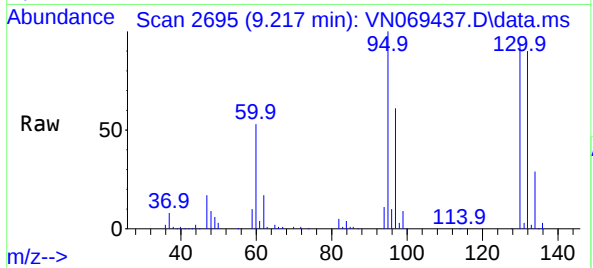
Tgt Ion: 62 Resp: 367807
Ion Ratio Lower Upper
62 100
98 7.9 6.6 10.0





#37
Trichloroethene
Concen: 19.123 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

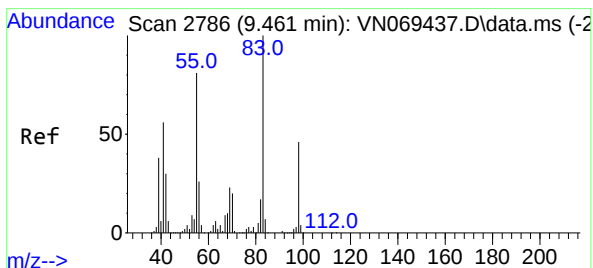
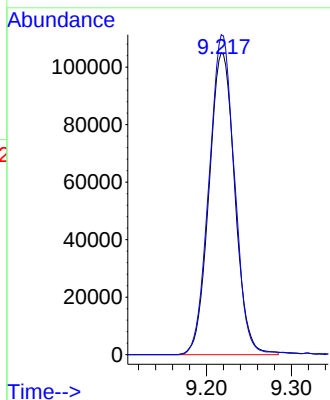
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:130 Resp: 221250
Ion Ratio Lower Upper
130 100
95 106.0 76.6 115.0

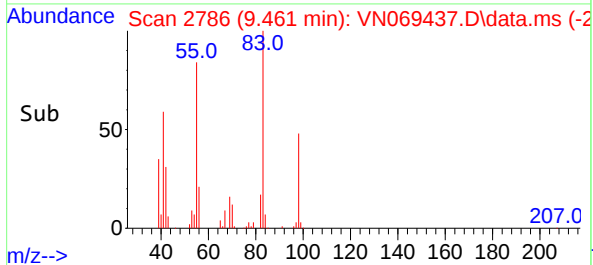
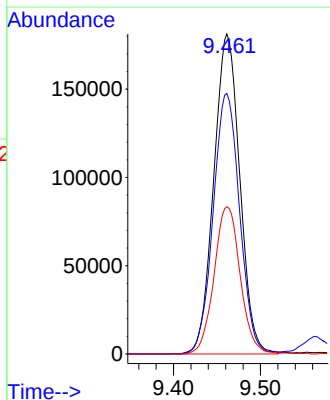
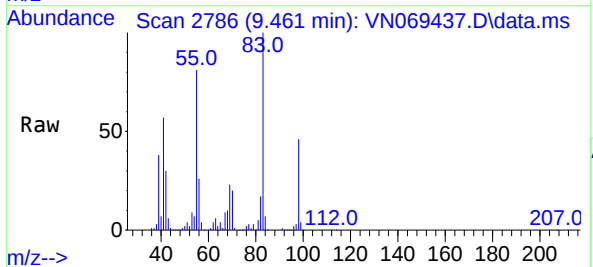
Manual Integrations
APPROVED

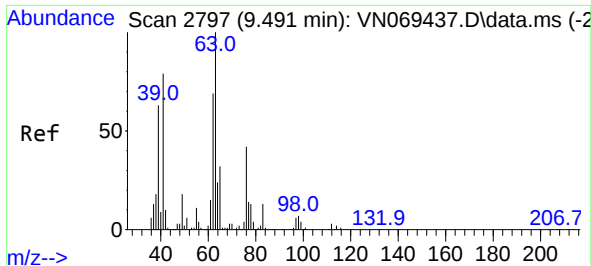
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#38
Methylcyclohexane
Concen: 19.429 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

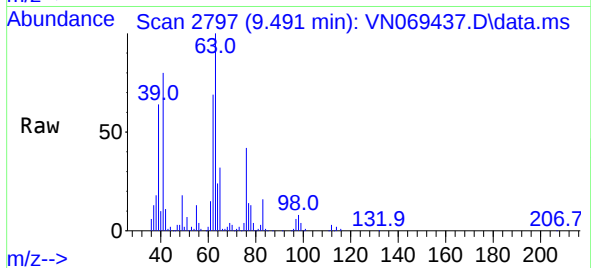
Tgt Ion: 83 Resp: 376907
Ion Ratio Lower Upper
83 100
55 82.9 35.1 105.3
98 46.2 23.4 70.2





#39
1,2-Dichloropropane
Concen: 21.270 ug/l
RT: 9.491 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

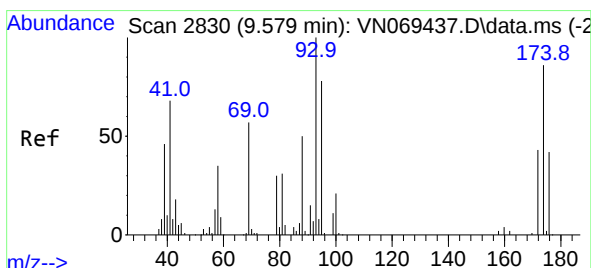
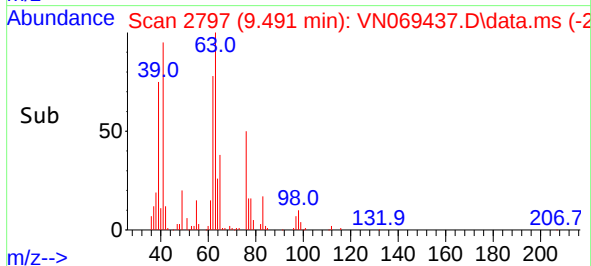
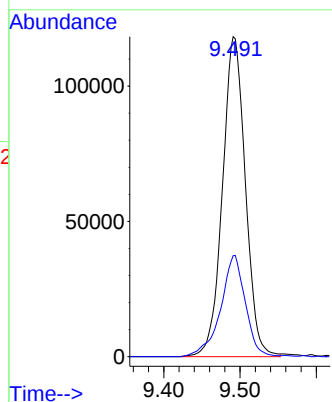
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 246798
Ion Ratio Lower Upper
63 100
65 31.5 24.2 36.4

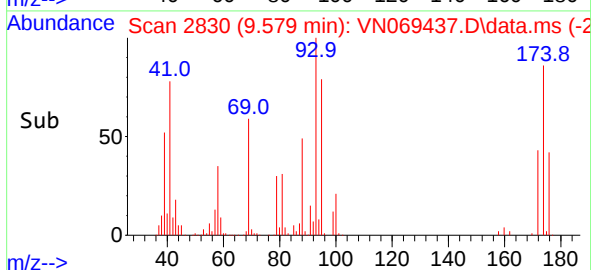
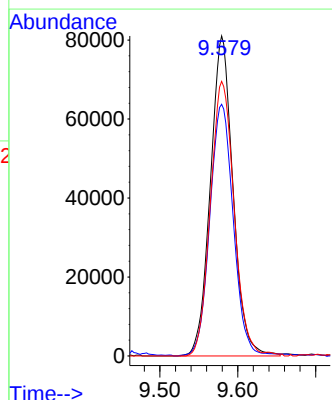
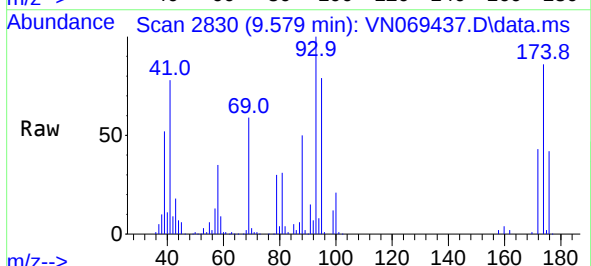
Manual Integrations
APPROVED

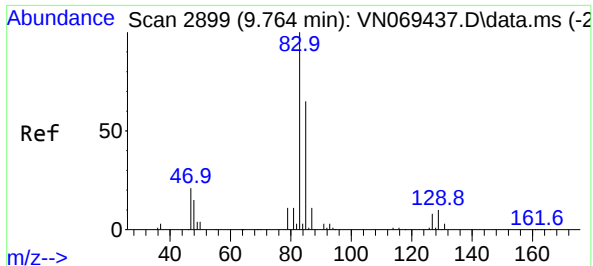
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#40
Dibromomethane
Concen: 20.141 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion: 93 Resp: 163395
Ion Ratio Lower Upper
93 100
95 81.4 0.0 168.8
174 89.5 0.0 173.6





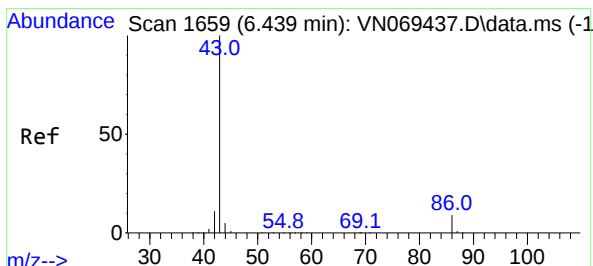
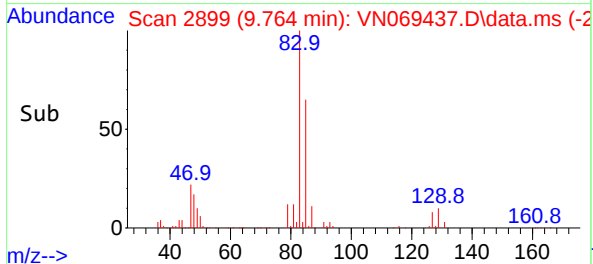
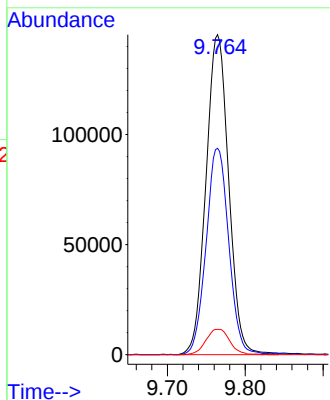
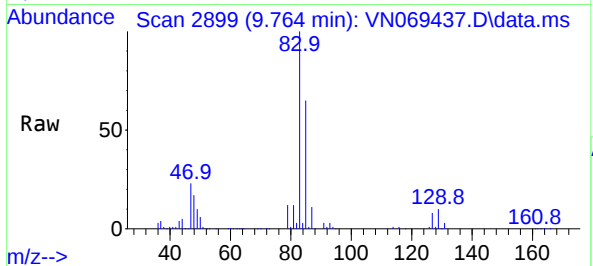
#41
Bromodichloromethane
Concen: 18.185 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 294788
Ion Ratio Lower Upper
83 100
85 64.5 54.1 81.1
127 7.9 7.6 11.4

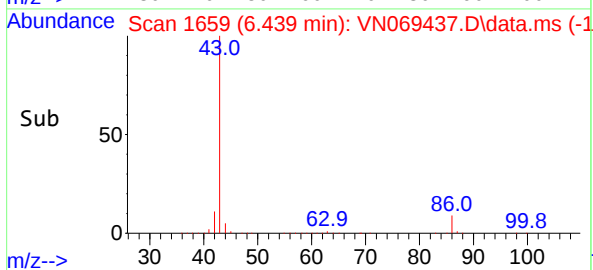
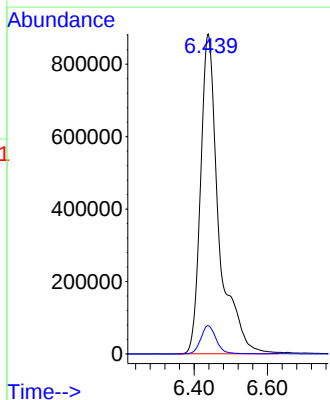
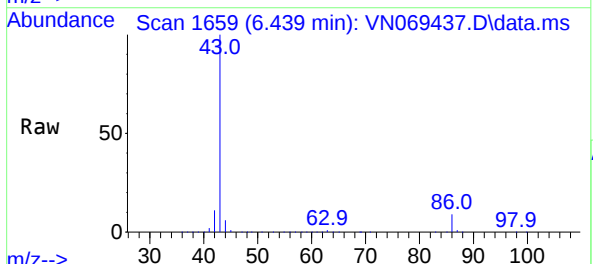
Manual Integrations
APPROVED

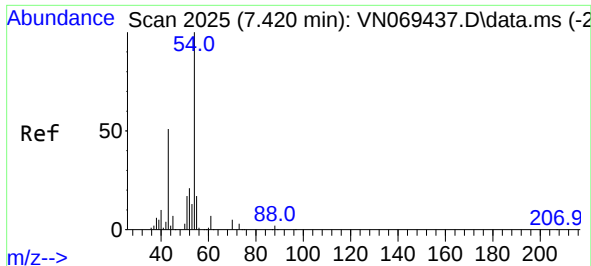
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#42
Vinyl Acetate
Concen: 117.211 ug/l
RT: 6.439 min Scan# 1659
Delta R.T. 0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

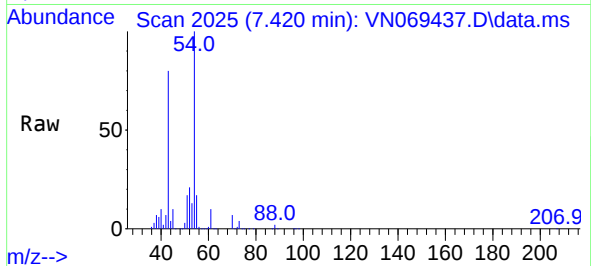
Tgt Ion: 43 Resp: 3060226
Ion Ratio Lower Upper
43 100
86 7.3 7.5 11.3#





#43
Ethyl Acetate
Concen: 27.323 ug/l
RT: 7.420 min Scan# 2025
Delta R.T. 0.008 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

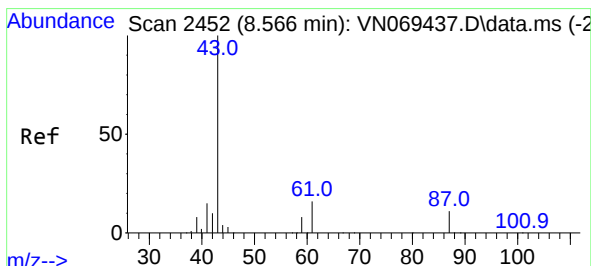
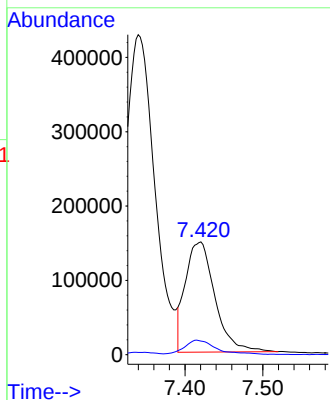
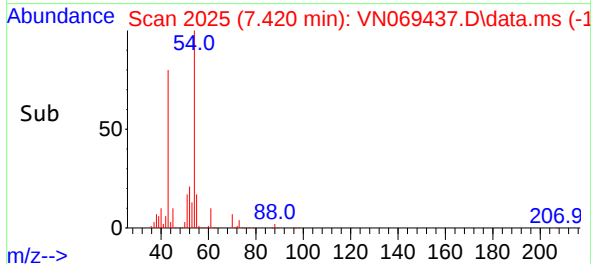
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 389990
Ion Ratio Lower Upper
43 100
45 13.3 10.6 16.0

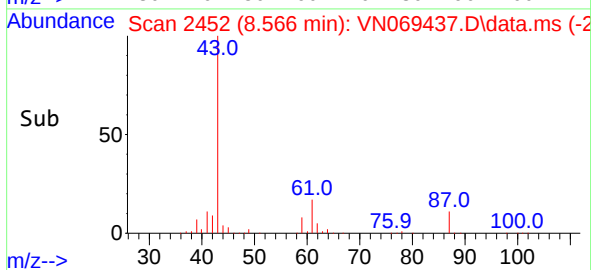
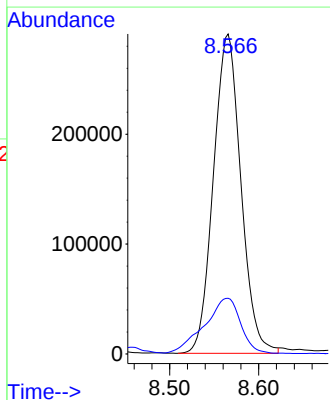
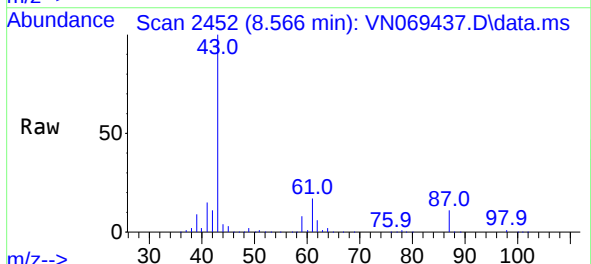
Manual Integrations
APPROVED

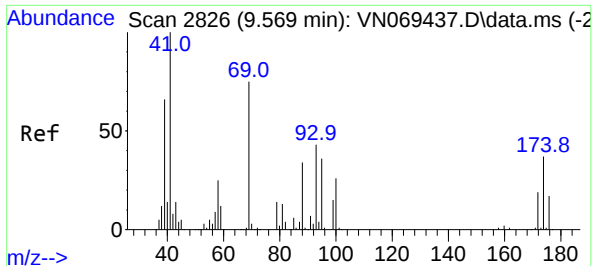
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#44
Isopropyl Acetate
Concen: 23.580 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.005 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion: 43 Resp: 623198
Ion Ratio Lower Upper
43 100
61 22.7 20.1 30.1





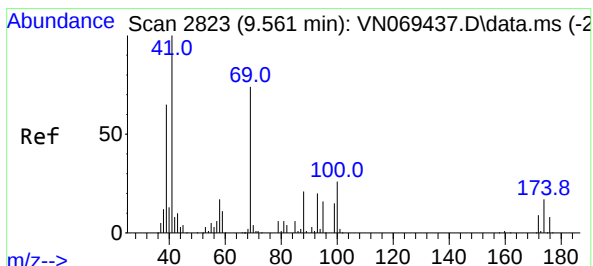
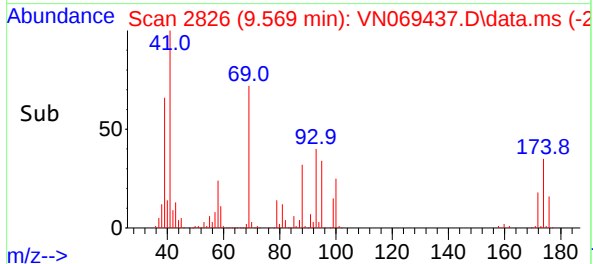
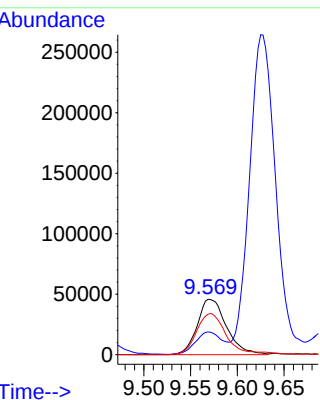
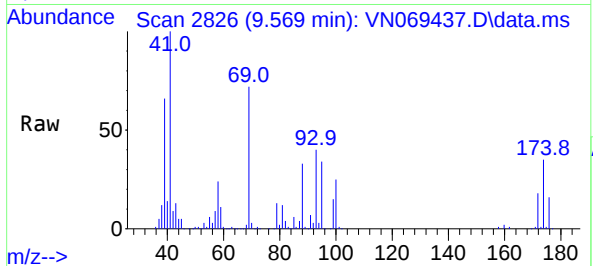
#45
1,4-Dioxane
Concen: 472.124 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 88 Resp: 99862
Ion Ratio Lower Upper
88 100
43 36.6 25.0 37.6
58 74.2 49.4 74.2

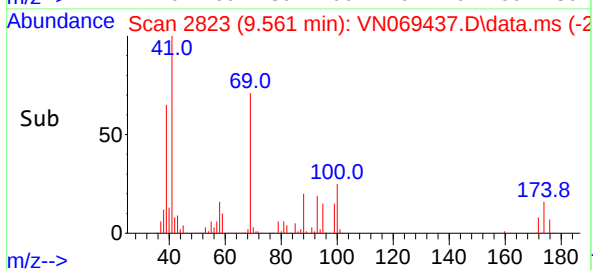
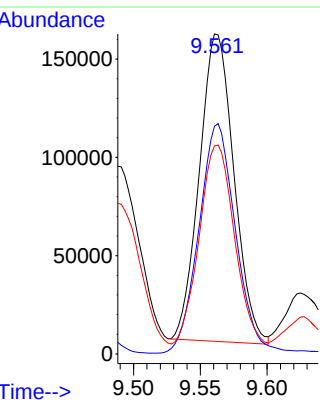
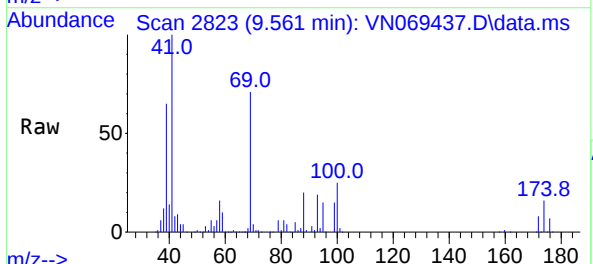
Manual Integrations
APPROVED

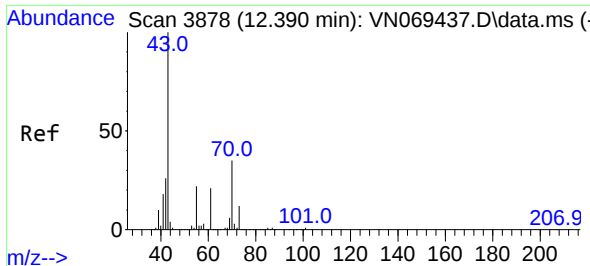
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#46
Methyl methacrylate
Concen: 23.596 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

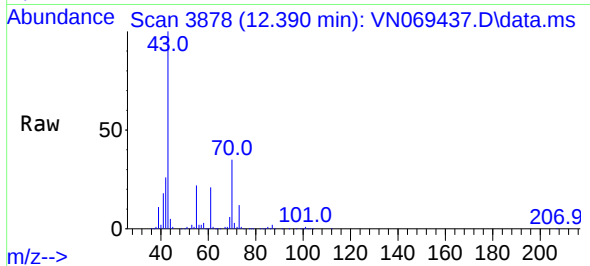
Tgt Ion: 41 Resp: 281904
Ion Ratio Lower Upper
41 100
69 73.7 44.4 133.2
39 64.7 39.9 119.6





#47
n-amyl acetate
Concen: 19.204 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

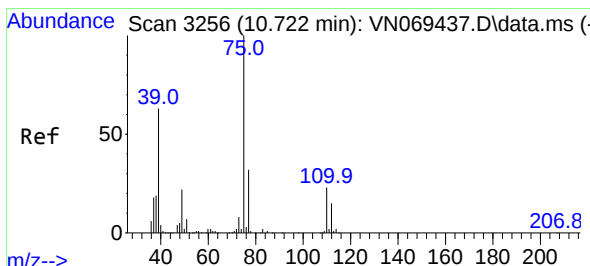
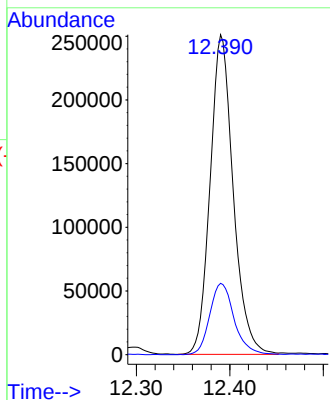
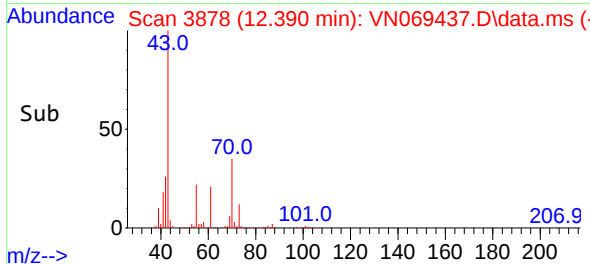
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



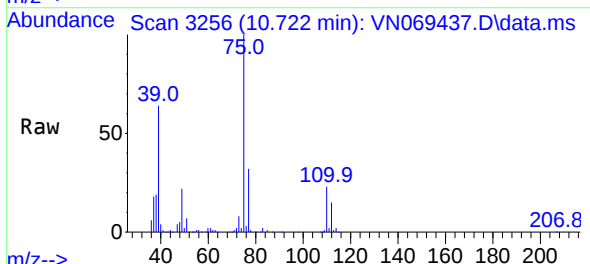
Tgt Ion: 43 Resp: 430890
Ion Ratio Lower Upper
43 100
55 23.7 19.0 28.6

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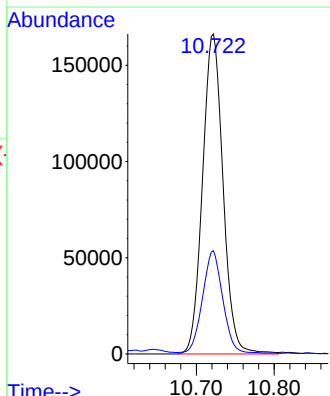
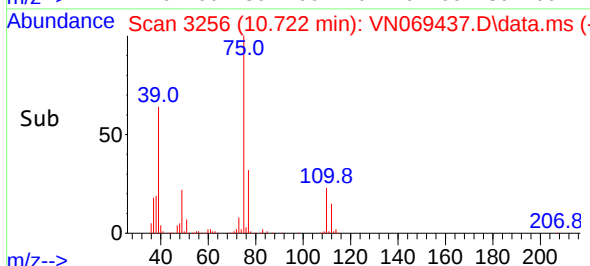
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

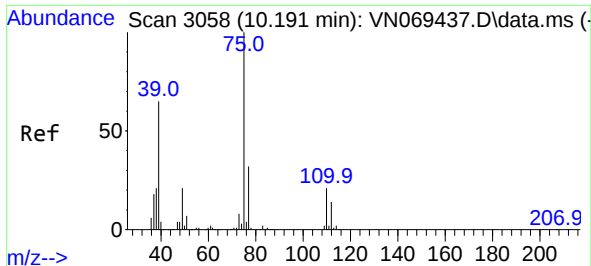


#48
t-1,3-Dichloropropene
Concen: 16.239 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59



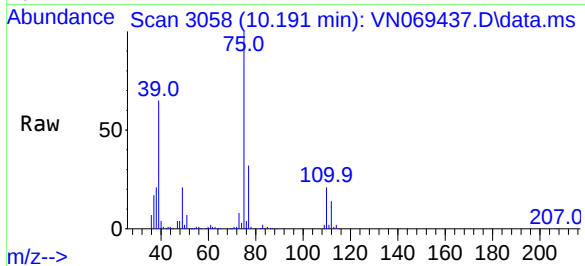
Tgt Ion: 75 Resp: 304474
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 17.435 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

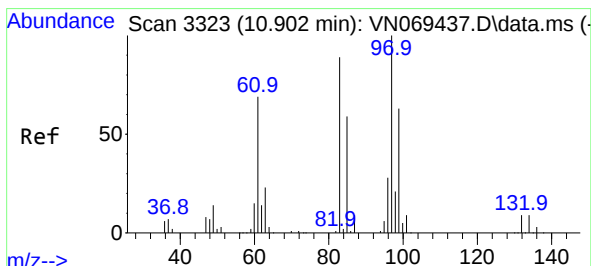
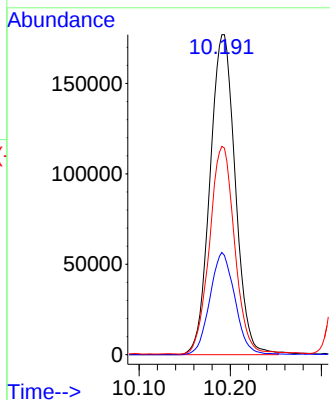
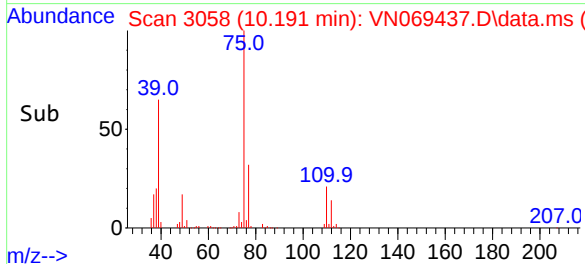
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



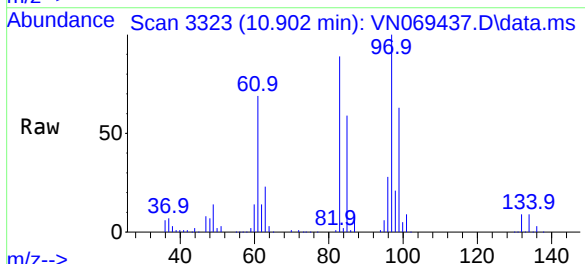
Tgt Ion: 75 Resp: 340419
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 64.9 46.2 69.4

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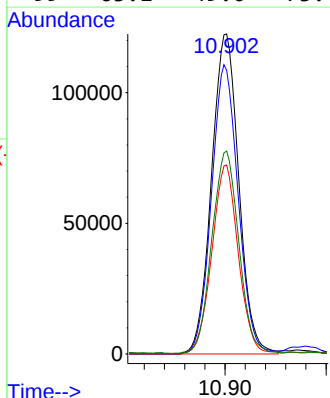
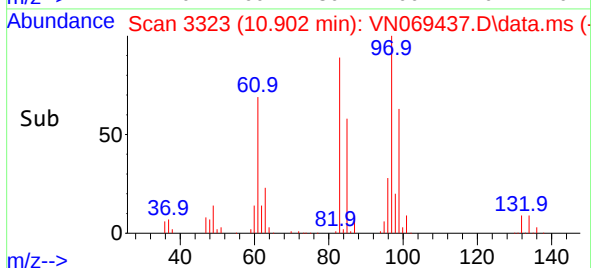
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

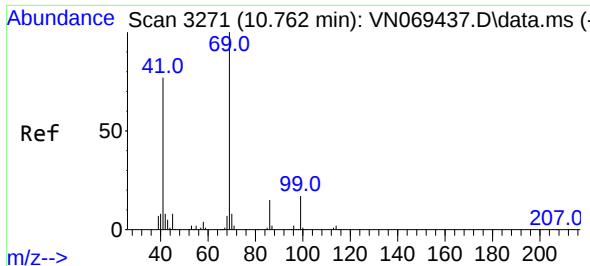


#50
1,1,2-Trichloroethane
Concen: 19.691 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59



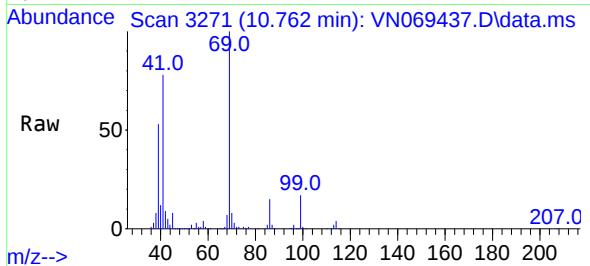
Tgt Ion: 97 Resp: 229262
Ion Ratio Lower Upper
97 100
83 88.6 67.2 100.8
85 59.0 43.0 64.4
99 63.1 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.982 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

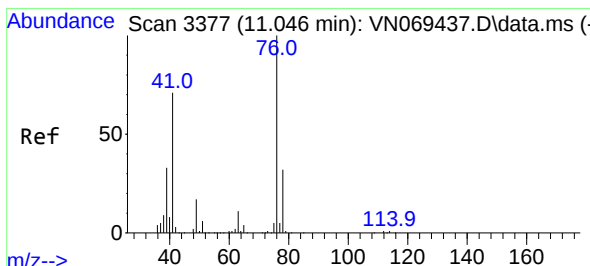
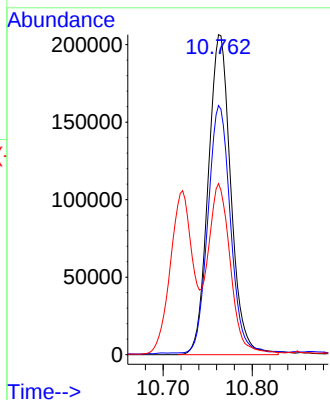
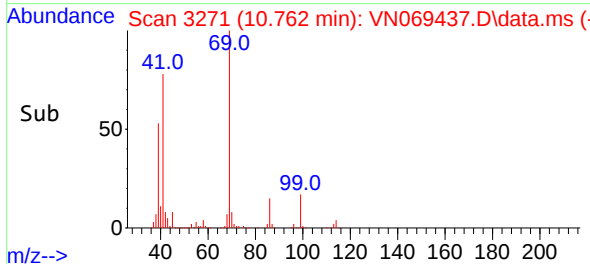
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 364307
Ion Ratio Lower Upper
69 100
41 77.3 33.0 98.9
39 52.8 25.4 76.4

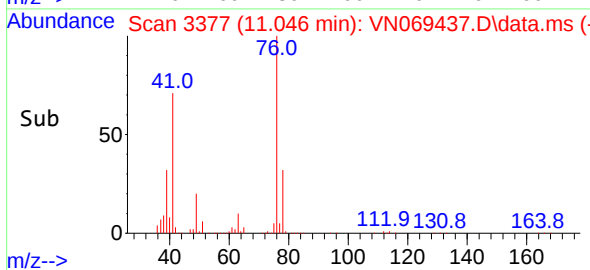
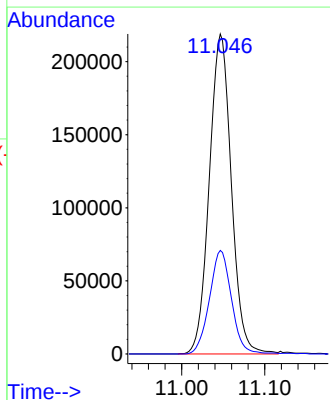
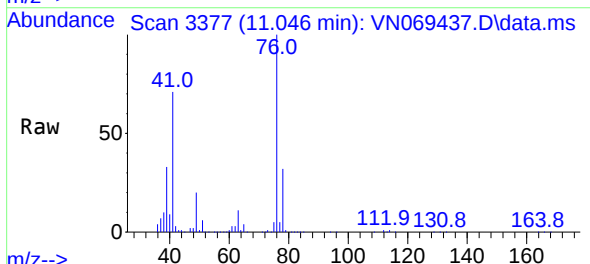
Manual Integrations
APPROVED

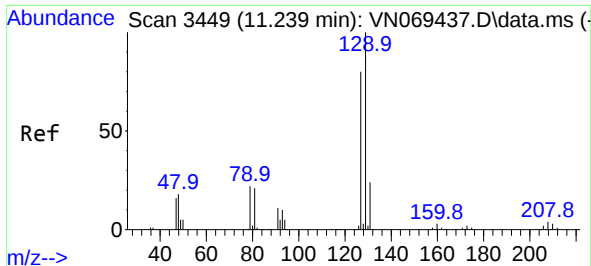
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#52
1,3-Dichloropropane
Concen: 20.577 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion: 76 Resp: 403065
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4





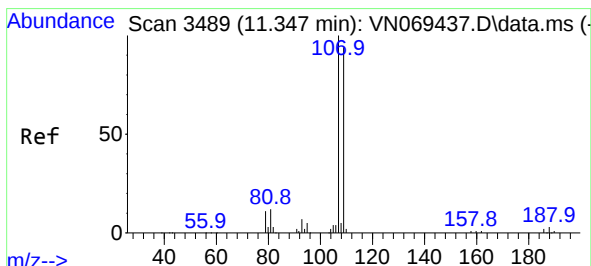
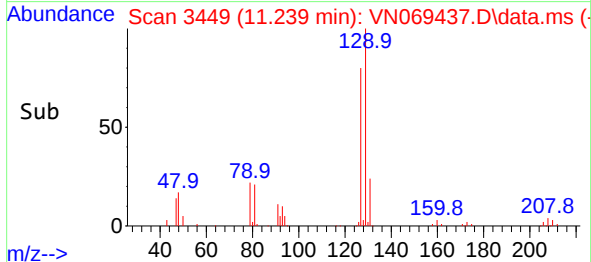
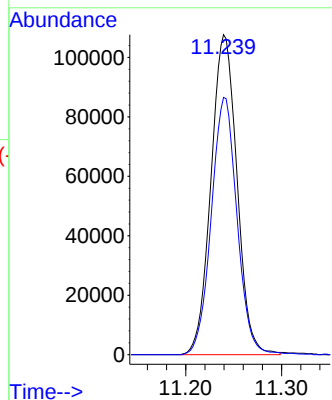
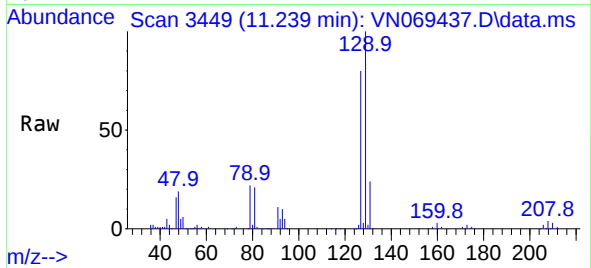
#53
Dibromochloromethane
Concen: 16.306 ug/l
RT: 11.239 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 20266
Ion Ratio Lower Upper
129 100
127 79.4 39.0 117.0

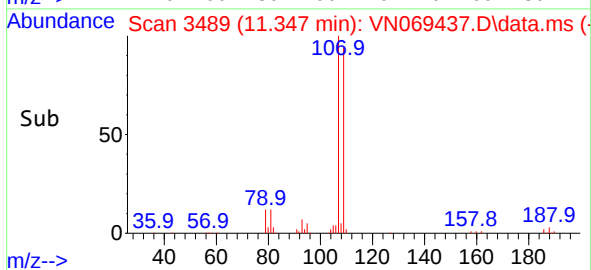
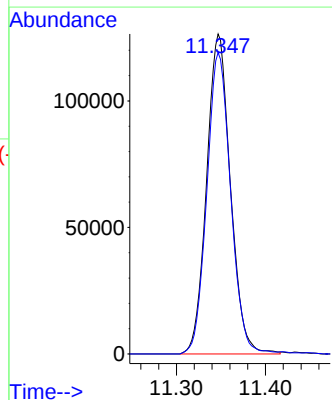
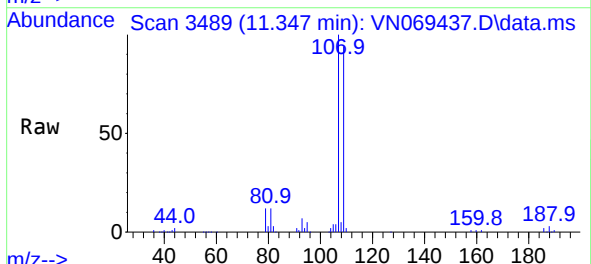
Manual Integrations
APPROVED

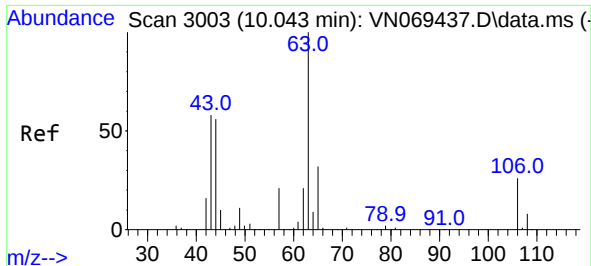
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#54
1,2-Dibromoethane
Concen: 19.290 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion:107 Resp: 234781
Ion Ratio Lower Upper
107 100
109 93.6 72.8 109.2





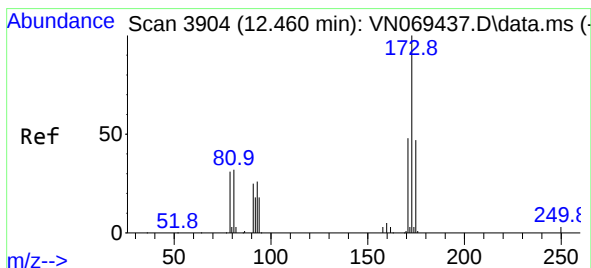
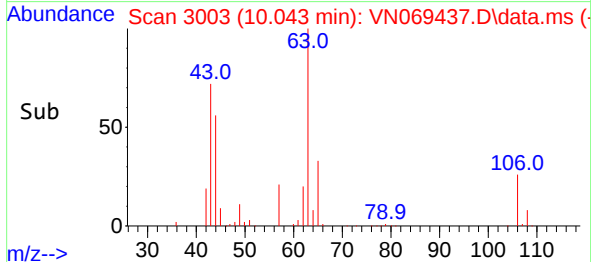
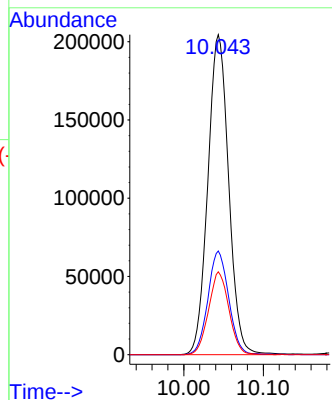
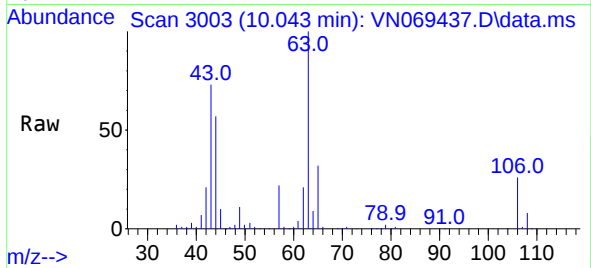
#55
2-Chloroethyl vinyl ether
Concen: 61.164 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 372690
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 25.3 23.2 34.8

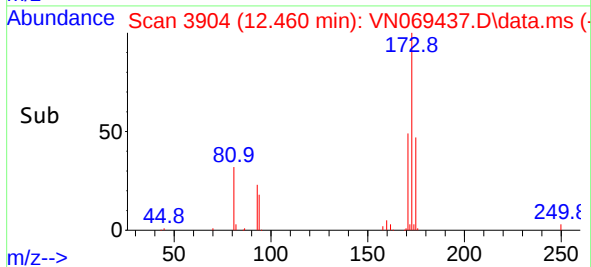
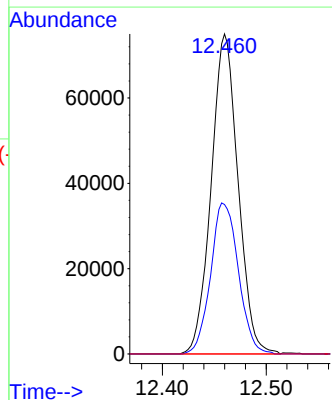
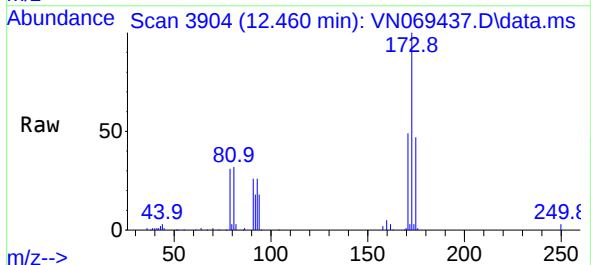
Manual Integrations
APPROVED

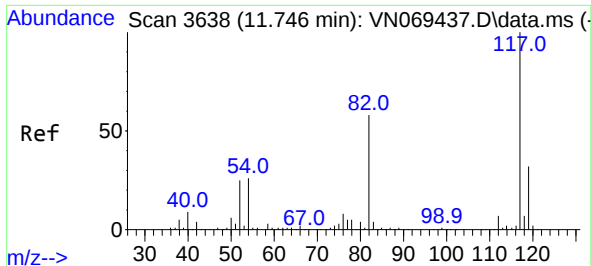
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#56
Bromoform
Concen: 15.045 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion:173 Resp: 134795
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 0.0 0.0 0.0





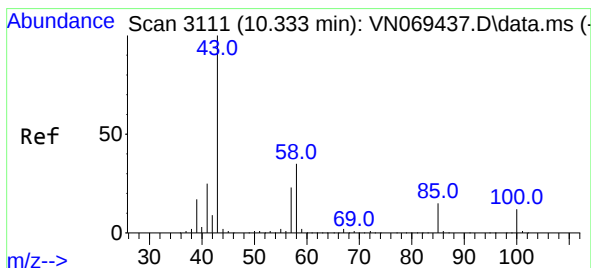
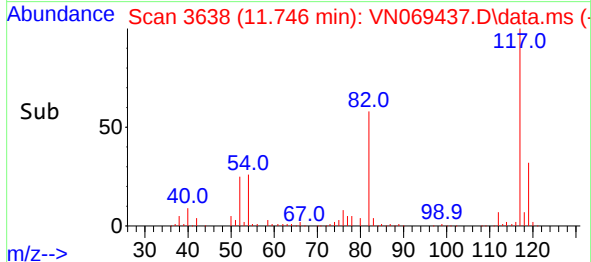
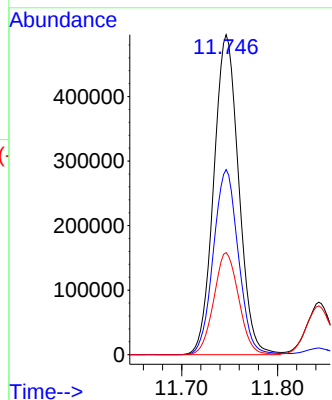
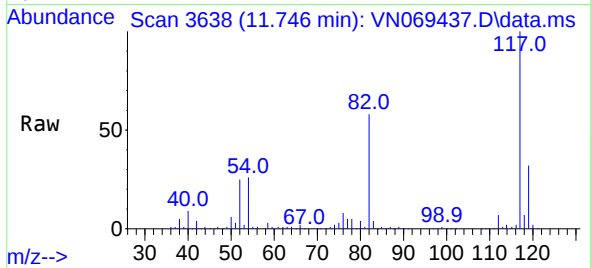
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:117 Resp: 89545
Ion Ratio Lower Upper
117 100
82 58.0 43.6 65.4
119 31.9 25.8 38.6

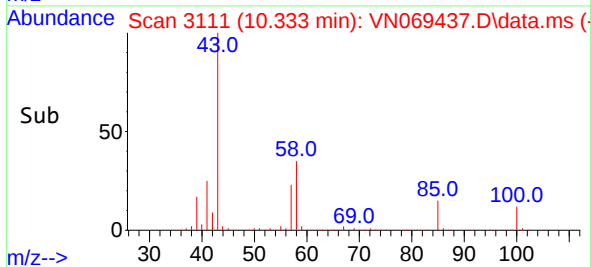
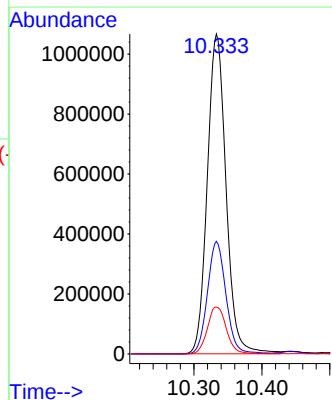
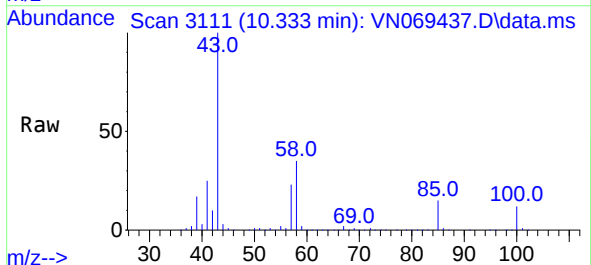
Manual Integrations
APPROVED

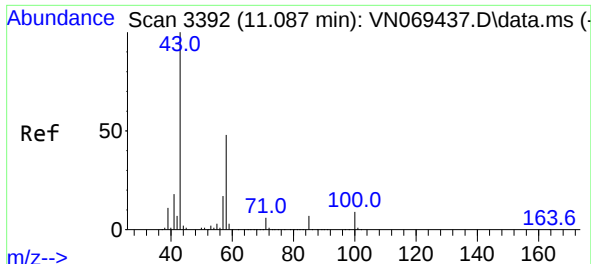
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#58
4-Methyl-2-Pentanone
Concen: 135.450 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

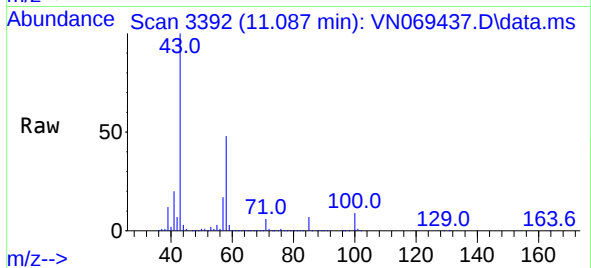
Tgt Ion: 43 Resp: 2046214
Ion Ratio Lower Upper
43 100
58 34.8 30.0 45.0
85 14.8 15.0 22.6#





#59
2-Hexanone
Concen: 135.690 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

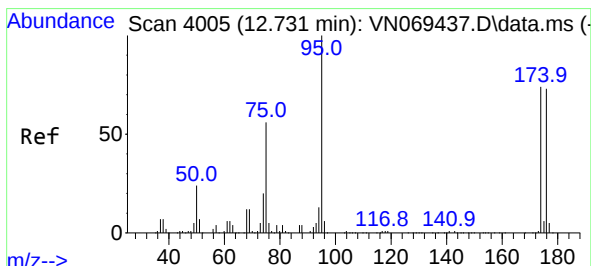
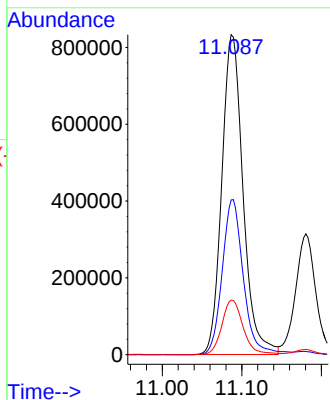
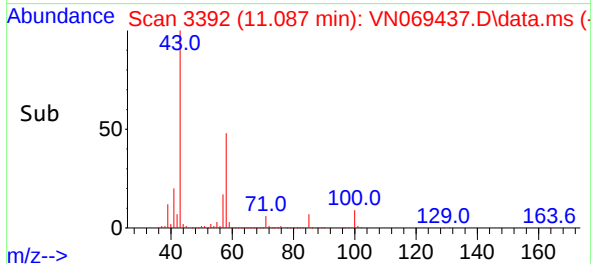
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



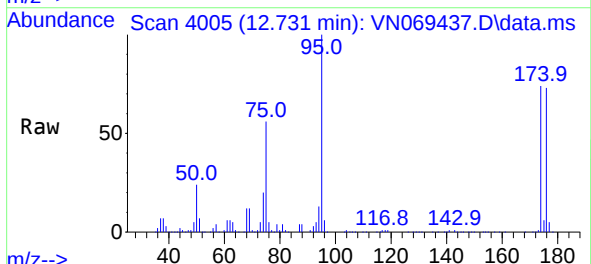
Tgt Ion: 43 Resp: 154798
Ion Ratio Lower Upper
43 100
58 48.4 42.2 63.2
57 17.1 15.0 22.4

Manual Integrations
APPROVED

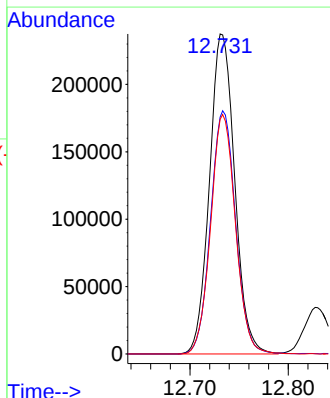
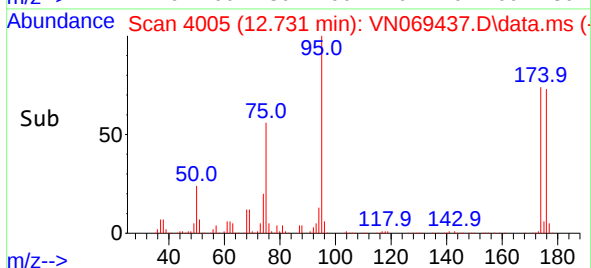
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

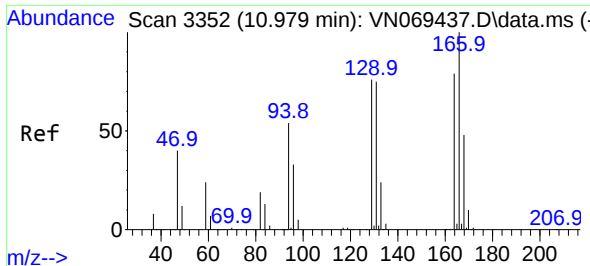


#60
4-Bromofluorobenzene
Concen: 27.578 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59



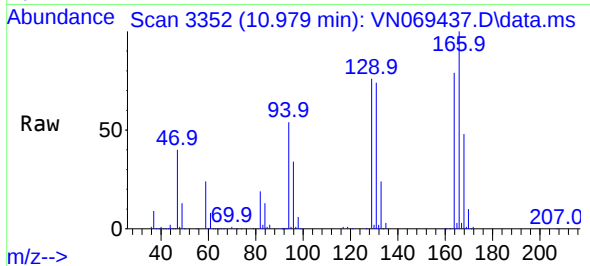
Tgt Ion: 95 Resp: 423439
Ion Ratio Lower Upper
95 100
174 75.5 62.9 94.3
176 73.7 61.0 91.4





#61
Tetrachloroethene
Concen: 20.984 ug/l
RT: 10.979 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

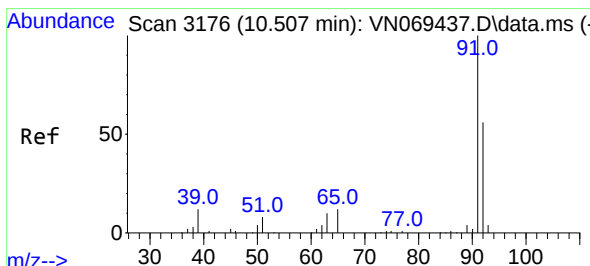
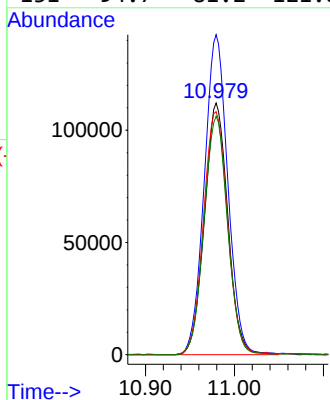
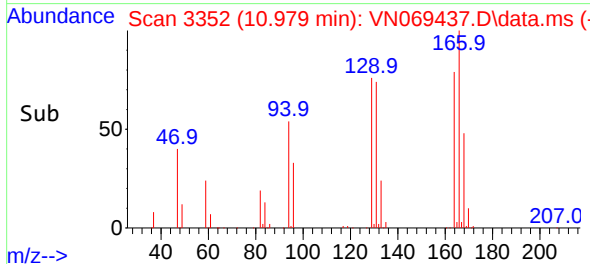
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



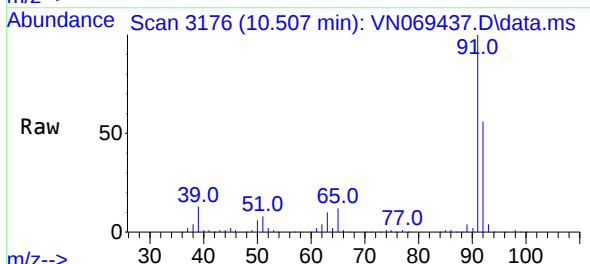
Tgt Ion:164 Resp: 204220
Ion Ratio Lower Upper
164 100
166 126.8 105.8 158.8
129 96.4 82.5 123.7
131 94.7 81.2 121.8

Manual Integrations
APPROVED

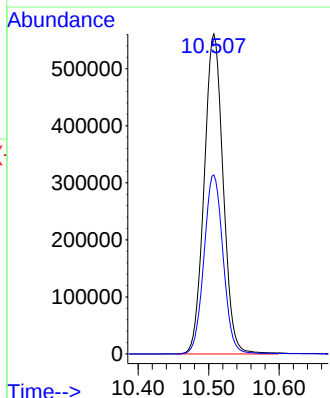
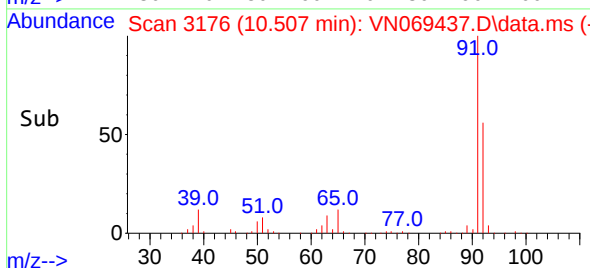
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

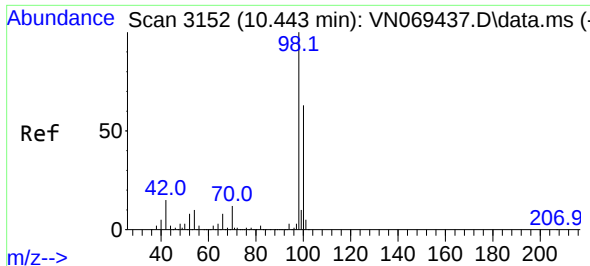


#62
Toluene
Concen: 20.165 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59



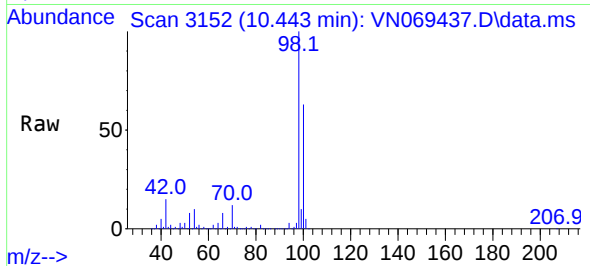
Tgt Ion: 91 Resp: 1051767
Ion Ratio Lower Upper
91 100
92 56.3 44.6 67.0





#63
Toluene-d8
Concen: 31.384 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

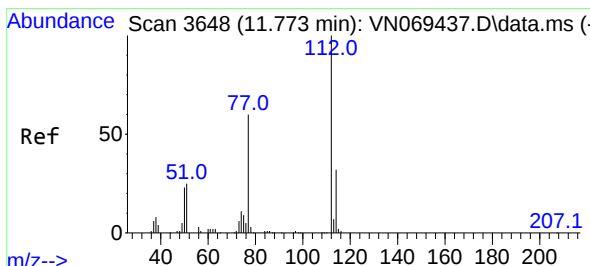
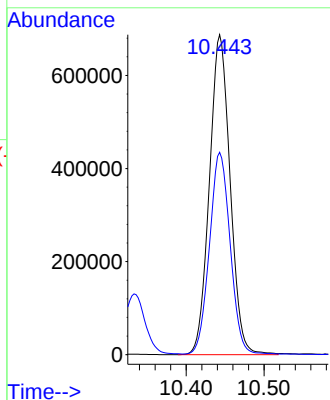
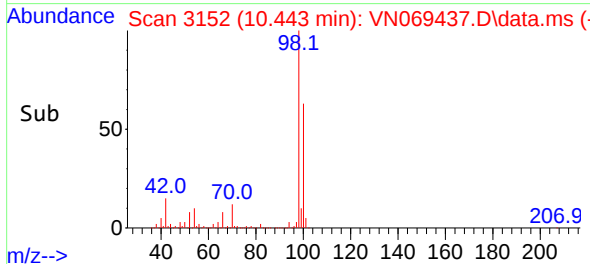
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 98 Resp: 126972
Ion Ratio Lower Upper
98 100
100 62.9 50.6 76.0

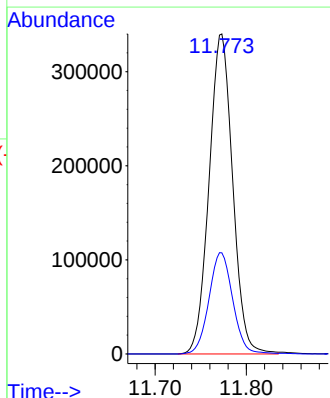
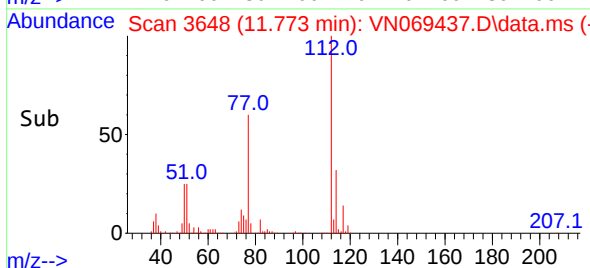
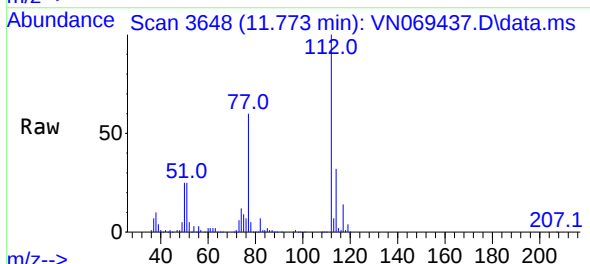
Manual Integrations
APPROVED

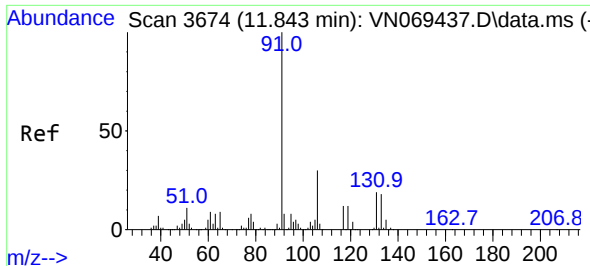
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#64
Chlorobenzene
Concen: 19.311 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion:112 Resp: 610871
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6





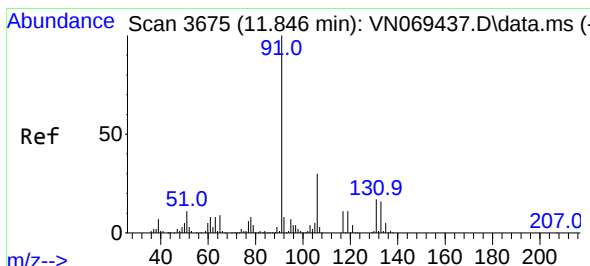
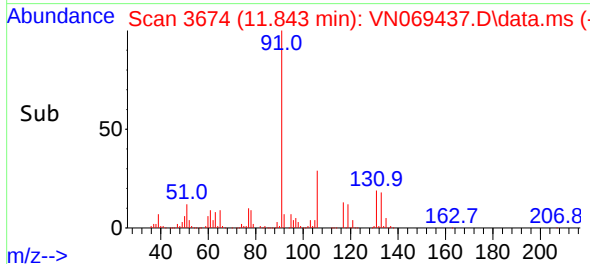
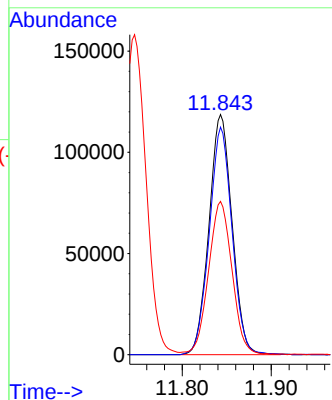
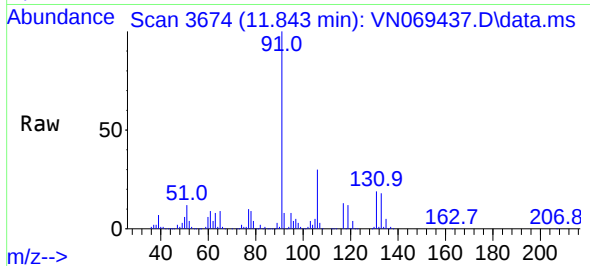
#65
1,1,1,2-Tetrachloroethane
Concen: 18.163 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 21375
Ion Ratio Lower Upper
131 100
133 93.8 0.0 191.2
119 64.4 0.0 128.8

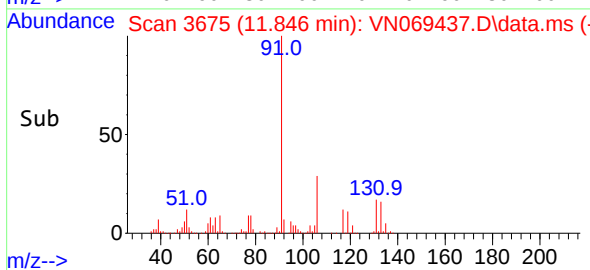
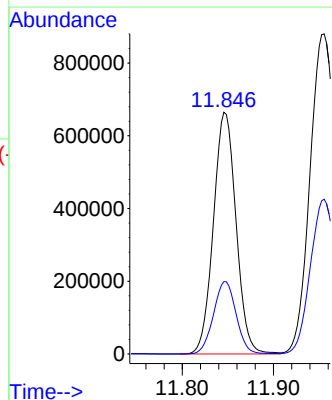
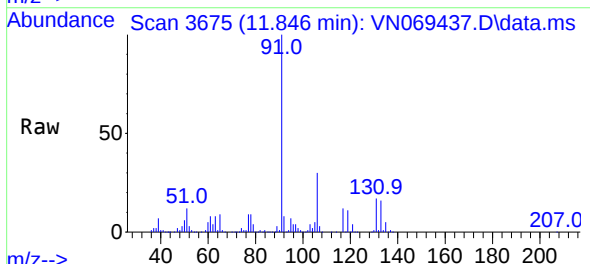
Manual Integrations
APPROVED

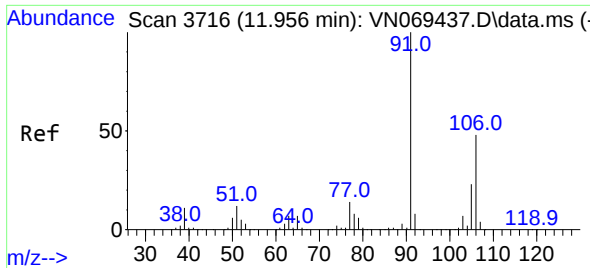
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#66
Ethyl Benzene
Concen: 19.561 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion: 91 Resp: 1147019
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0





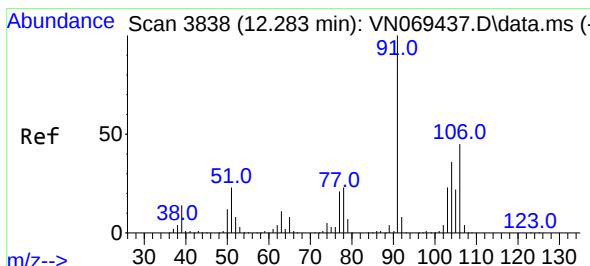
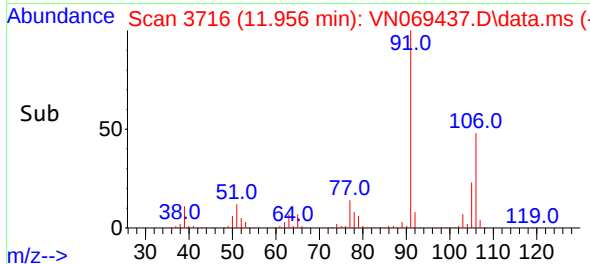
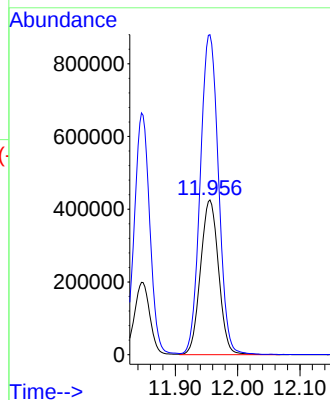
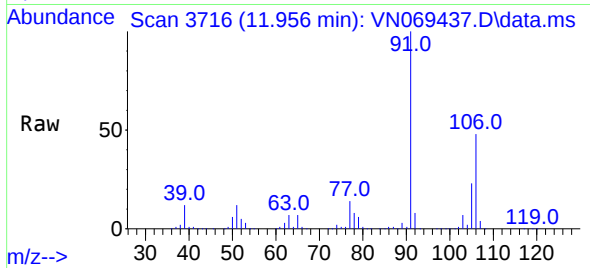
#67
m/p-Xylenes
Concen: 38.793 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 85544
Ion Ratio Lower Upper
106 100
91 208.8 162.9 244.3

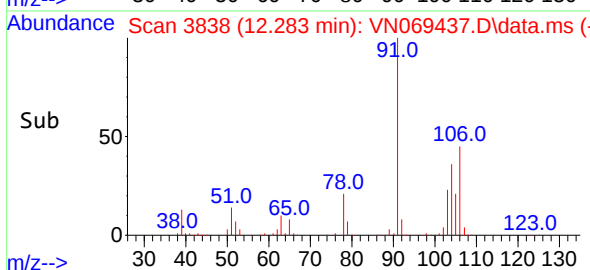
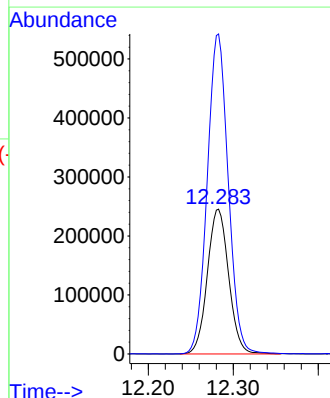
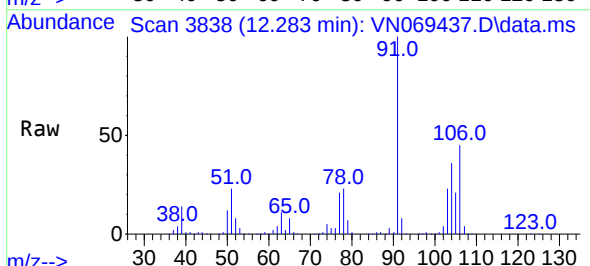
Manual Integrations
APPROVED

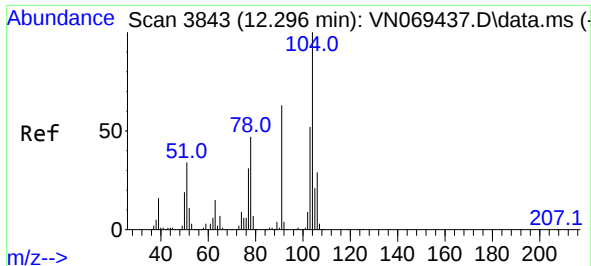
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#68
o-Xylene
Concen: 19.375 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion:106 Resp: 427824
Ion Ratio Lower Upper
106 100
91 217.6 107.7 323.1





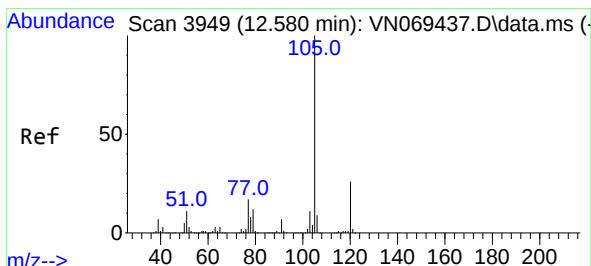
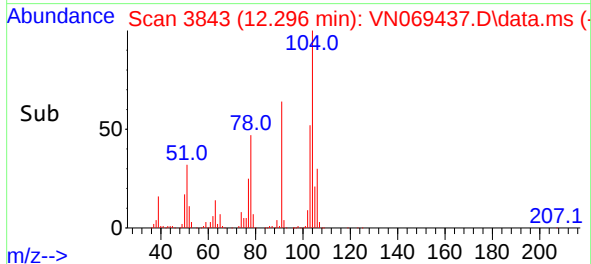
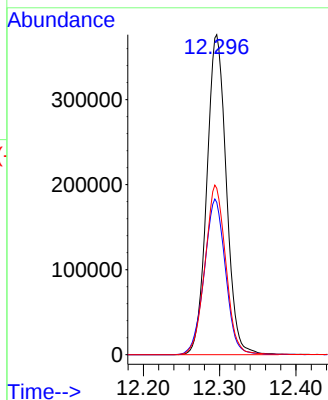
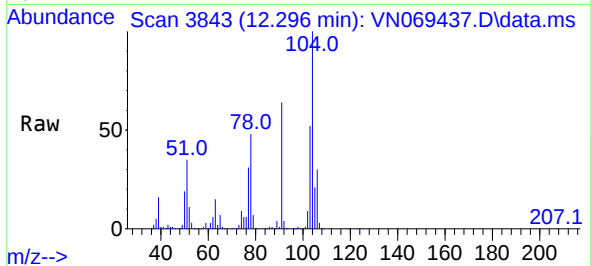
#69
Styrene
Concen: 18.303 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 669708
Ion Ratio Lower Upper
104 100
78 52.9 40.7 61.1
103 56.5 45.8 68.8

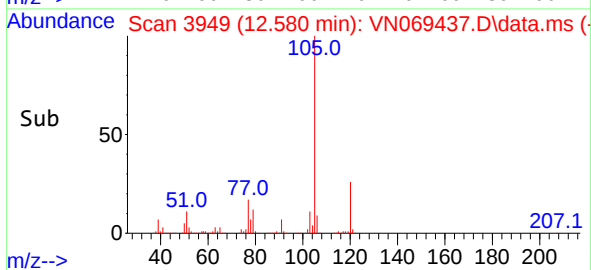
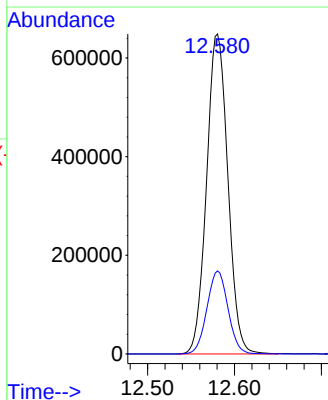
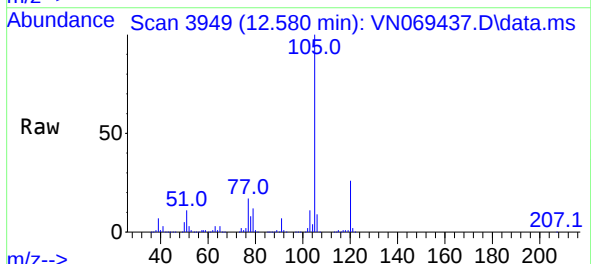
Manual Integrations
APPROVED

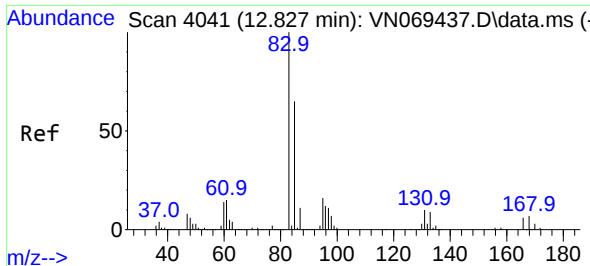
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#70
Isopropylbenzene
Concen: 19.066 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion:105 Resp: 1103722
Ion Ratio Lower Upper
105 100
120 25.7 18.3 34.1





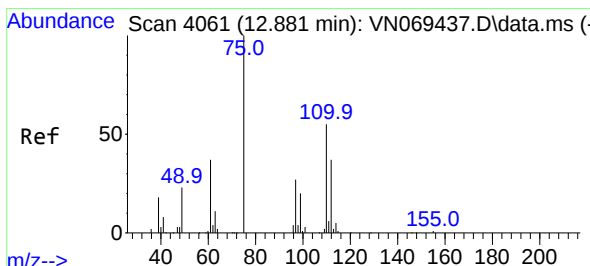
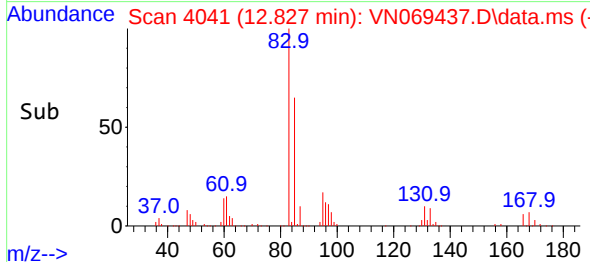
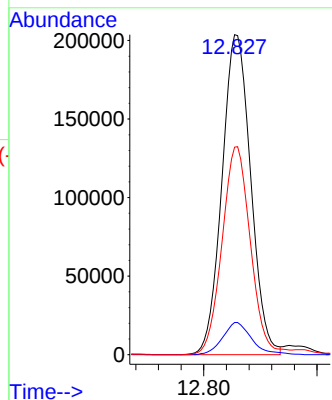
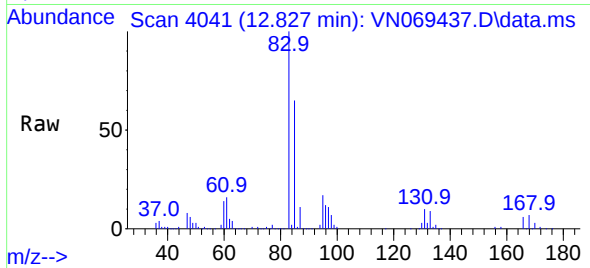
#71
1,1,2,2-Tetrachloroethane
Concen: 21.153 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 35890
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 64.2 33.1 99.2

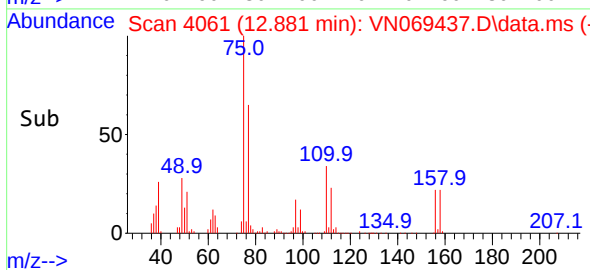
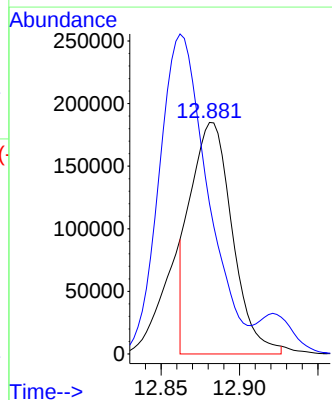
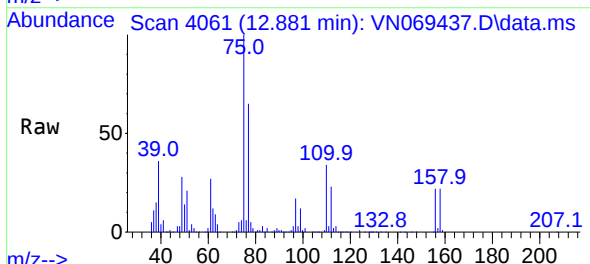
Manual Integrations
APPROVED

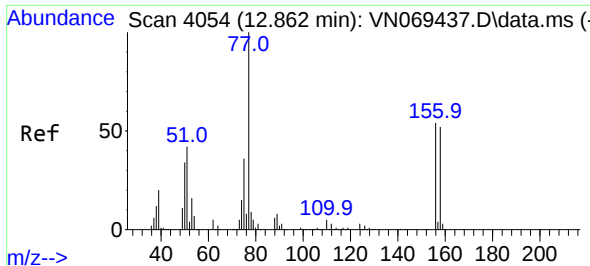
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#72
1,2,3-Trichloropropane
Concen: 23.404 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion: 75 Resp: 341211
Ion Ratio Lower Upper
75 100
77 161.7 0.0 378.0





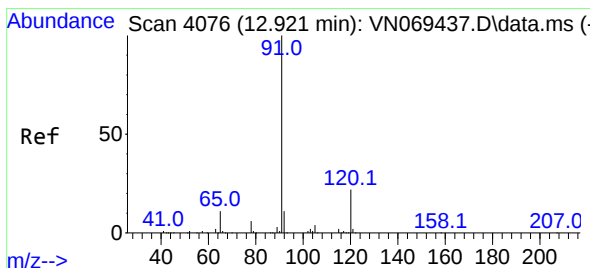
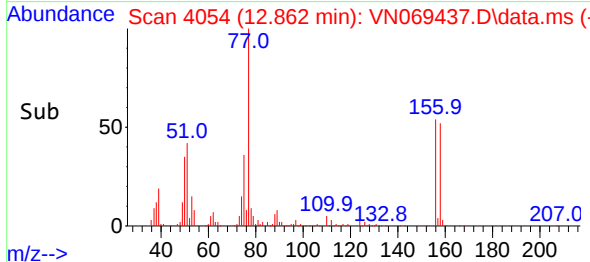
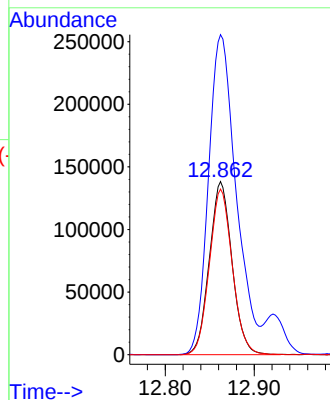
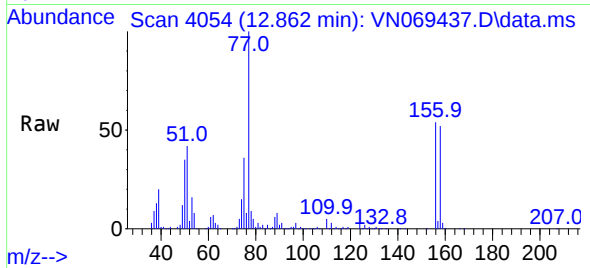
#73
Bromobenzene
Concen: 18.672 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:156 Resp: 245000
Ion Ratio Lower Upper
156 100
77 225.2 0.0 416.0
158 96.3 0.0 195.4

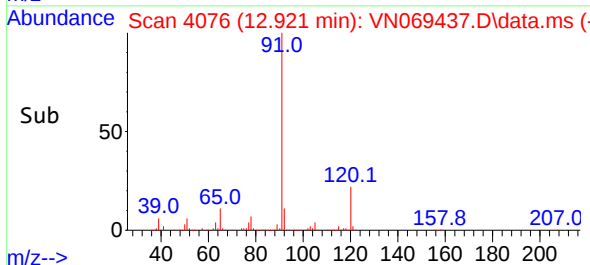
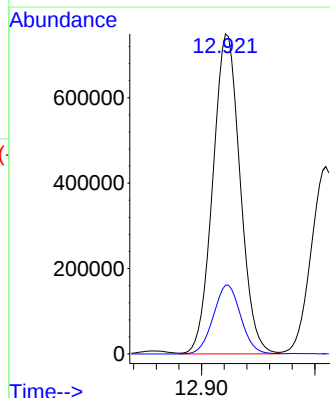
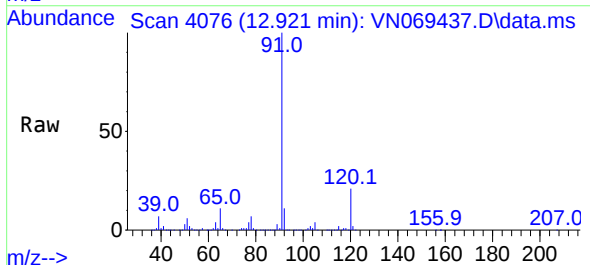
Manual Integrations
APPROVED

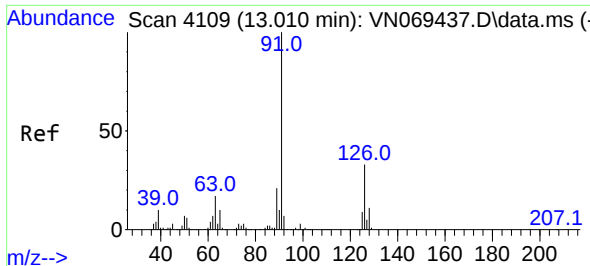
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#74
n-propylbenzene
Concen: 18.864 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion: 91 Resp: 1254020
Ion Ratio Lower Upper
91 100
120 21.6 0.0 45.0





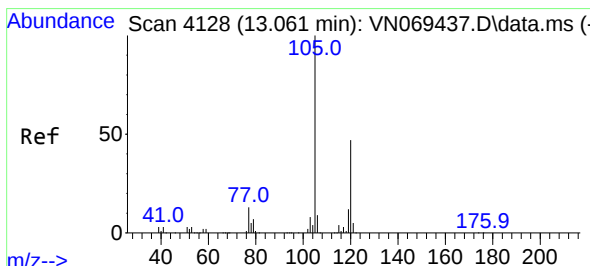
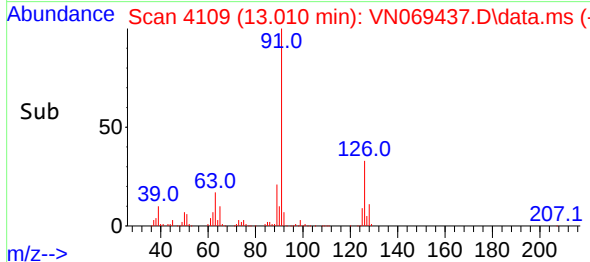
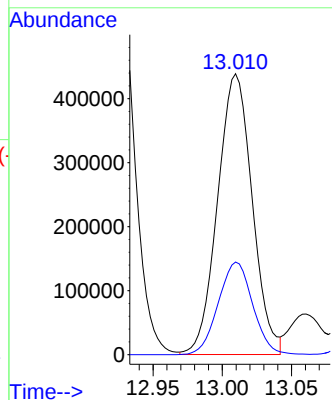
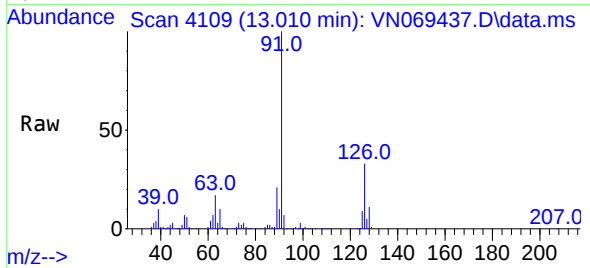
#75
2-Chlorotoluene
Concen: 18.758 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 76358
Ion Ratio Lower Upper
91 100
126 32.8 0.0 69.8

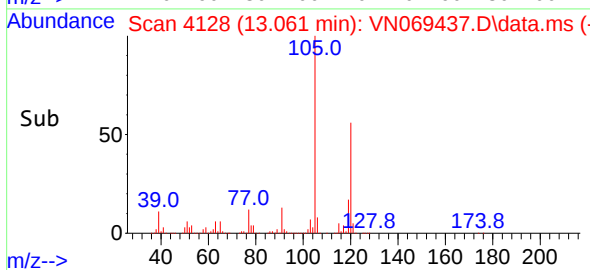
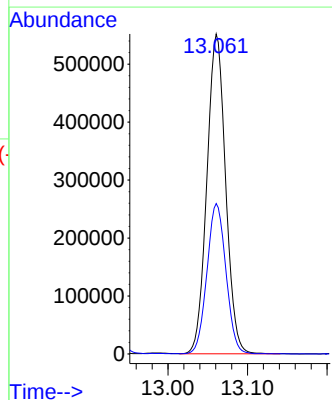
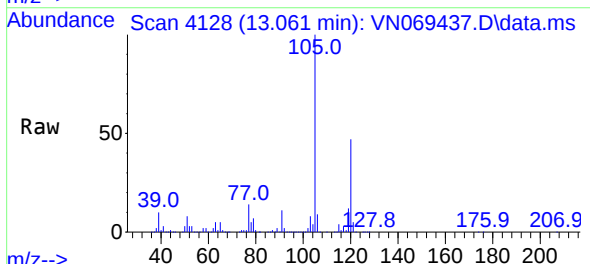
Manual Integrations
APPROVED

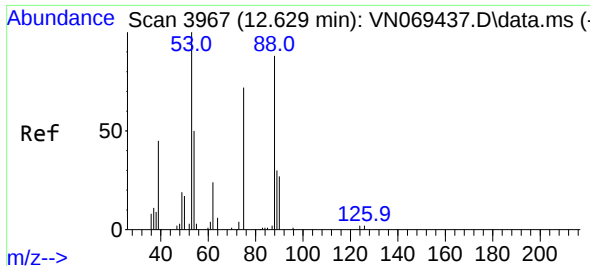
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#76
1,3,5-Trimethylbenzene
Concen: 18.763 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion:105 Resp: 905266
Ion Ratio Lower Upper
105 100
120 47.4 0.0 93.8





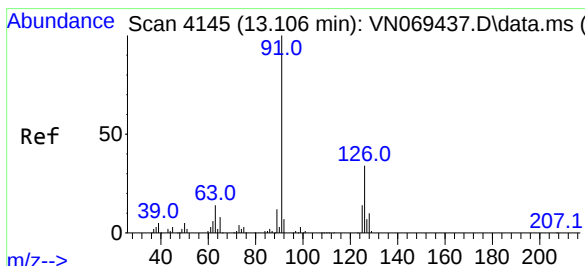
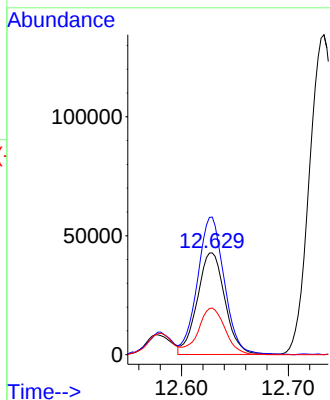
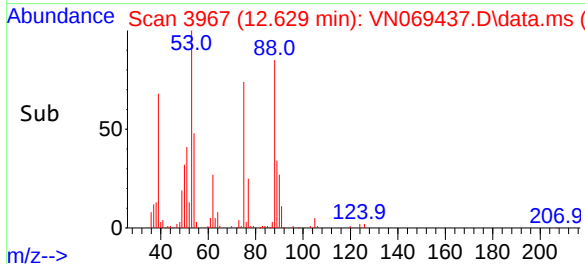
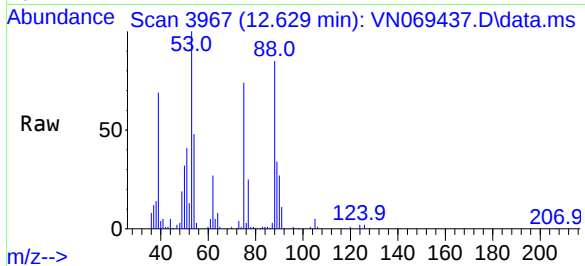
#77
t-1,4-Dichloro-2-butene
Concen: 13.504 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 76995
Ion Ratio Lower Upper
75 100
53 135.1 51.8 155.5
89 46.1 22.9 68.7

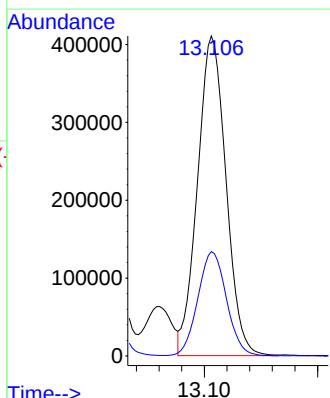
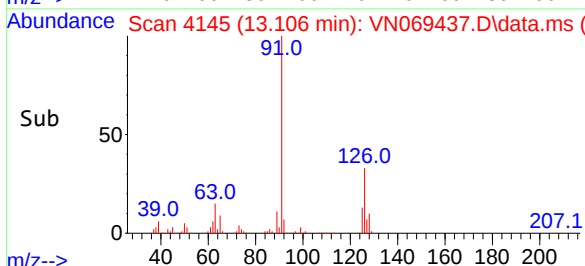
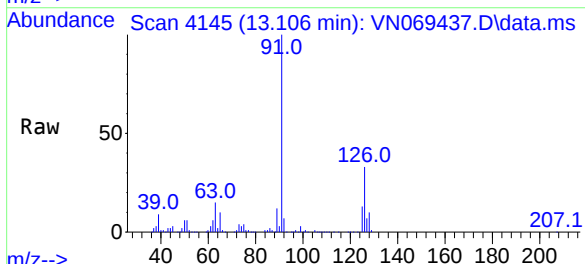
Manual Integrations
APPROVED

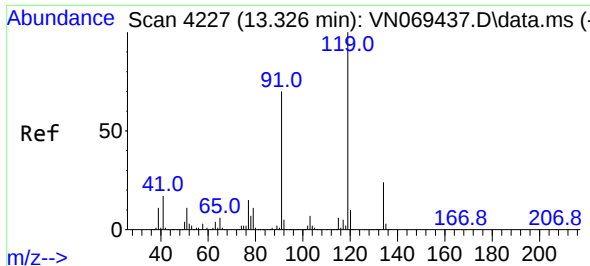
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#78
4-Chlorotoluene
Concen: 17.932 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion: 91 Resp: 715393
Ion Ratio Lower Upper
91 100
126 33.0 0.0 70.6





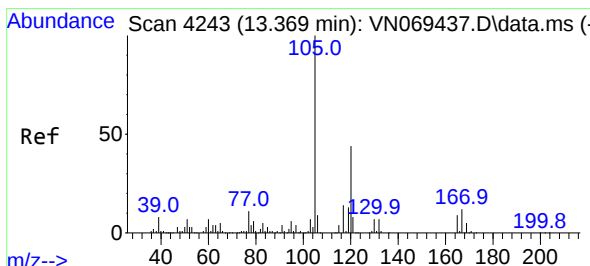
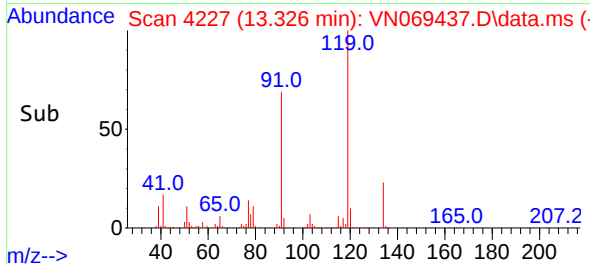
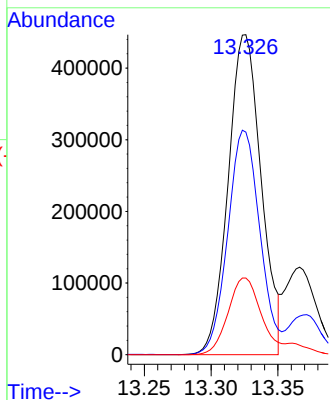
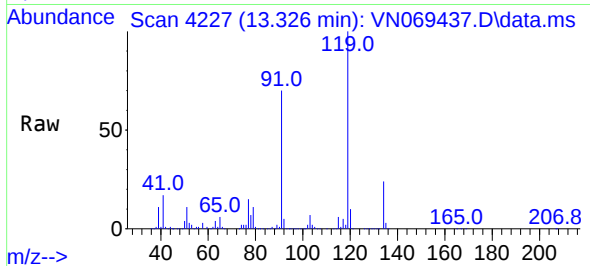
#79
tert-butylbenzene
Concen: 18.177 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 77002
Ion Ratio Lower Upper
119 100
91 68.5 0.0 137.0
134 24.3 0.0 47.6

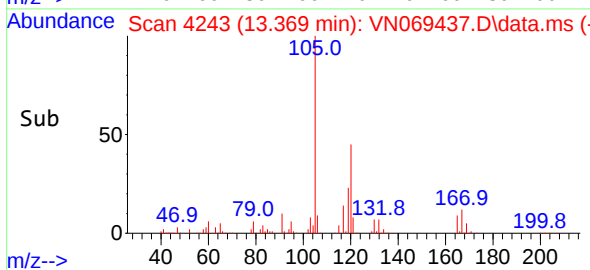
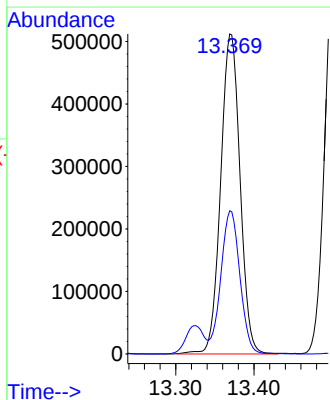
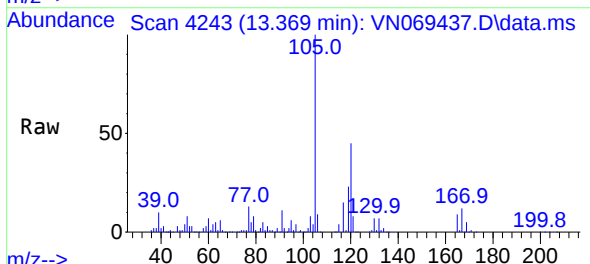
Manual Integrations
APPROVED

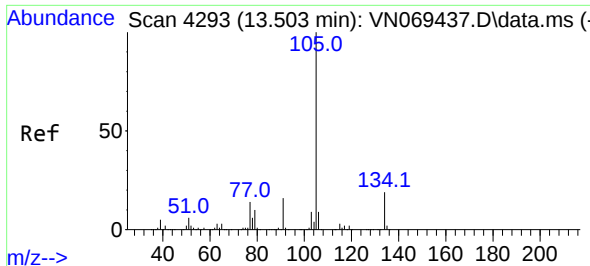
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#80
1,2,4-Trimethylbenzene
Concen: 18.591 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion:105 Resp: 880522
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





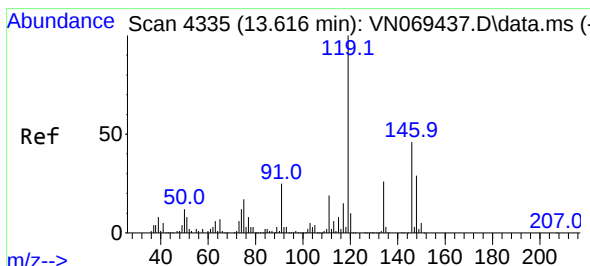
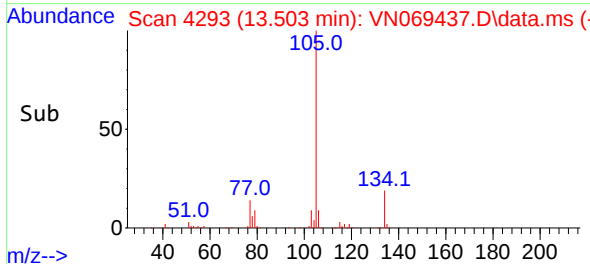
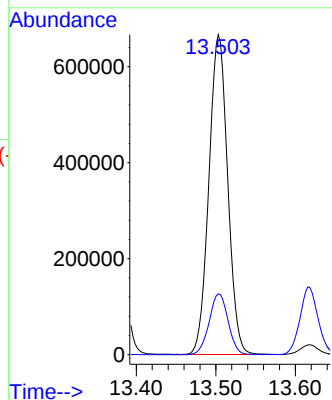
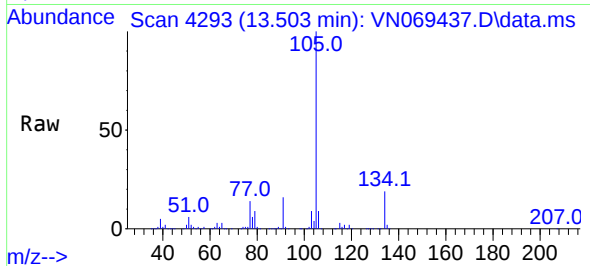
#81
 sec-Butylbenzene
 Concen: 18.456 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.000 min
 Lab File: VN069437.D
 Acq: 10 Nov 2021 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:105 Resp: 1094524
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.4

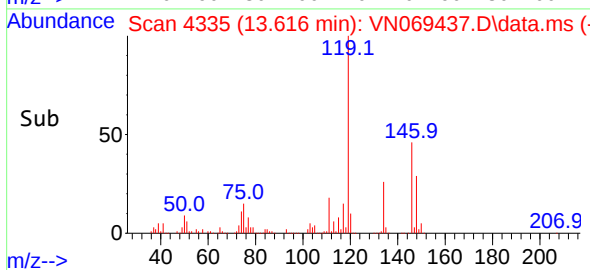
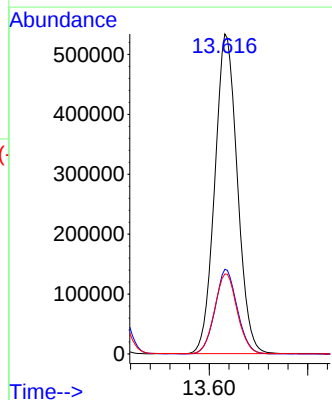
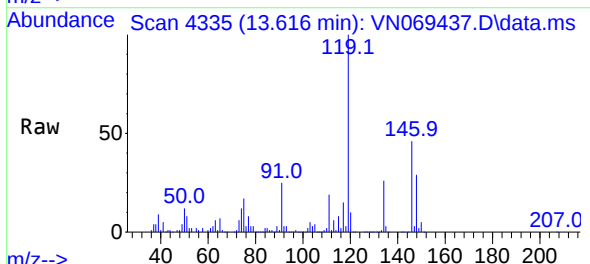
Manual Integrations
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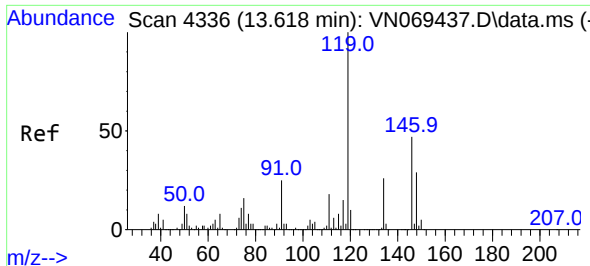
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/16/2021



#82
 p-Isopropyltoluene
 Concen: 17.607 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.003 min
 Lab File: VN069437.D
 Acq: 10 Nov 2021 12:59

Tgt Ion:119 Resp: 851668
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.8
 91 25.2 0.0 50.4





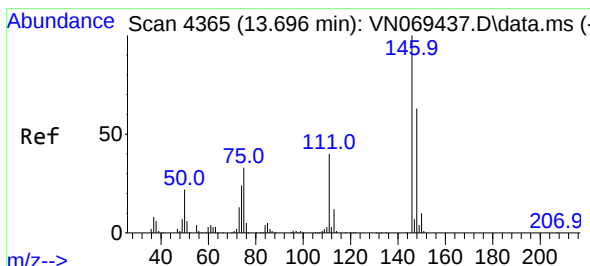
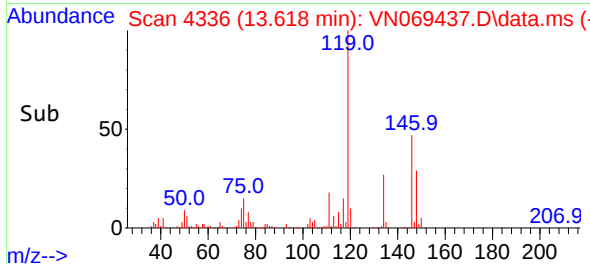
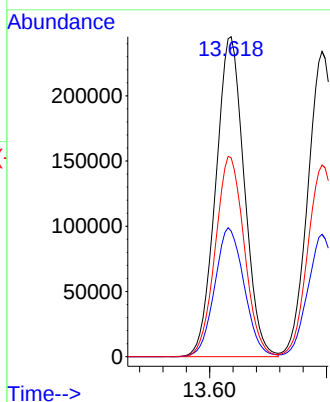
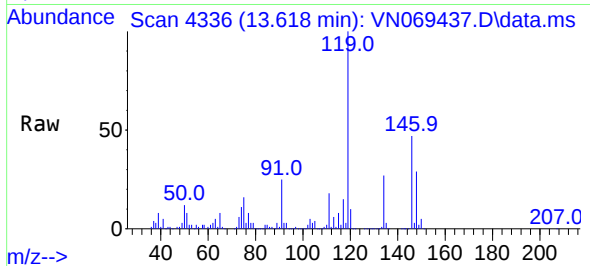
#83
1,3-Dichlorobenzene
Concen: 18.014 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 416112
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.2
148 63.6 31.4 94.3

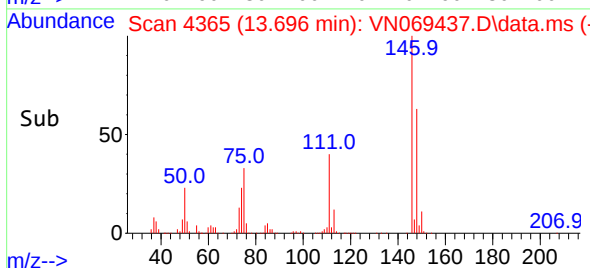
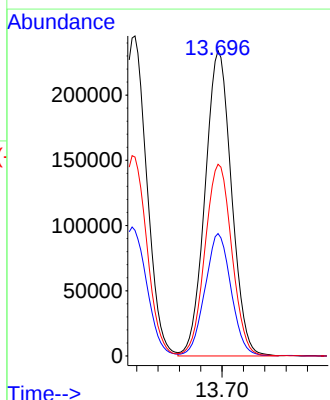
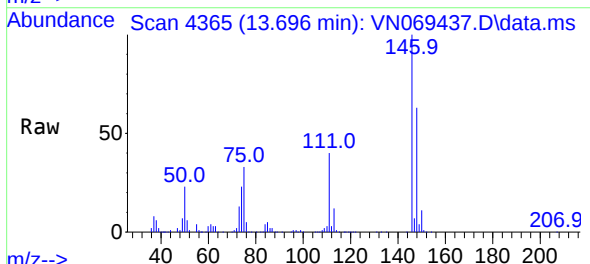
Manual Integrations
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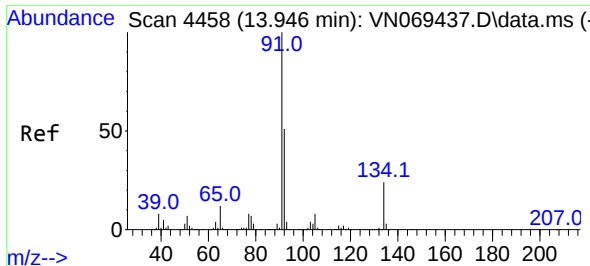
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#84
1,4-Dichlorobenzene
Concen: 17.892 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Tgt Ion:146 Resp: 402454
Ion Ratio Lower Upper
146 100
111 39.7 19.5 58.5
148 63.7 31.1 93.5





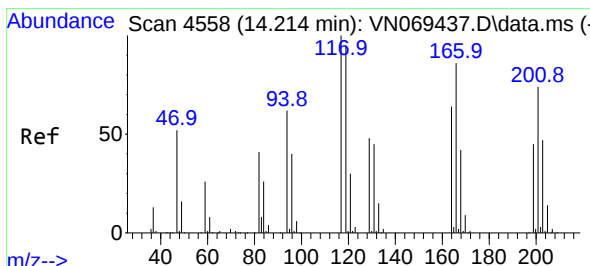
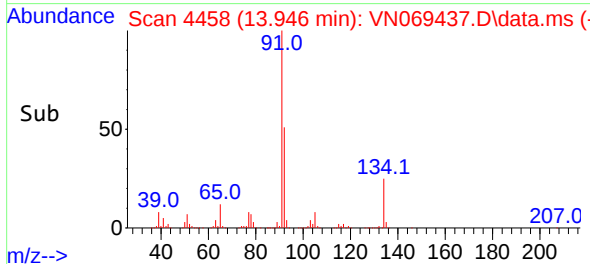
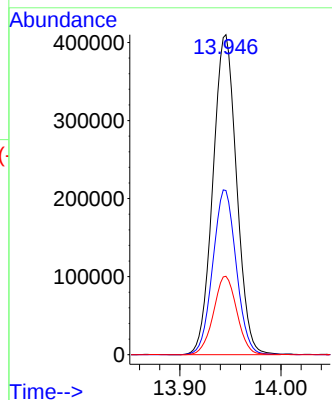
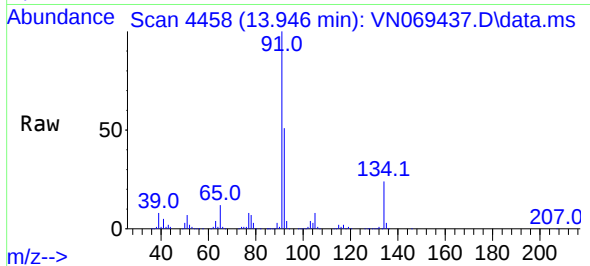
#85
n-Butylbenzene
Concen: 16.481 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 666738
Ion Ratio Lower Upper
91 100
92 51.1 0.0 100.6
134 24.3 0.0 50.2

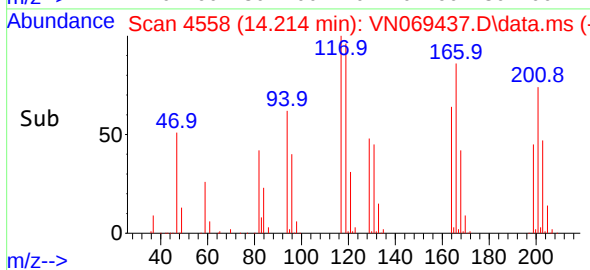
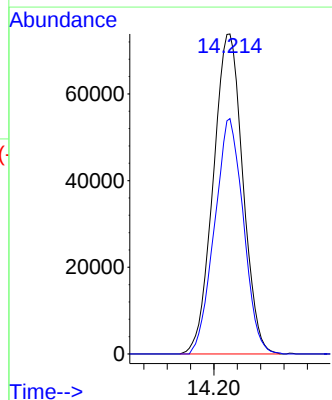
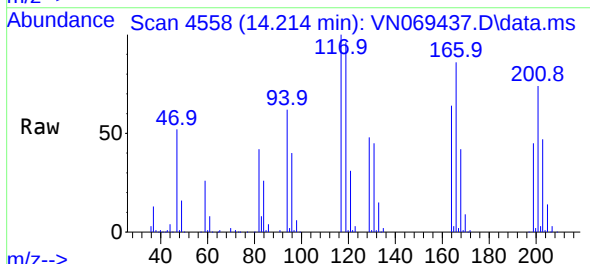
Manual Integrations
APPROVED

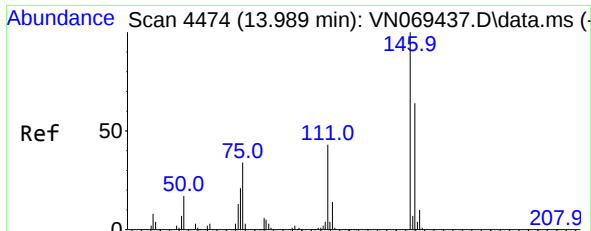
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#86
Hexachloroethane
Concen: 14.346 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

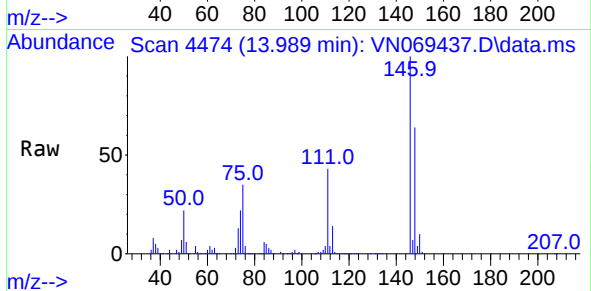
Tgt Ion:117 Resp: 129935
Ion Ratio Lower Upper
117 100
201 71.8 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 18.647 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

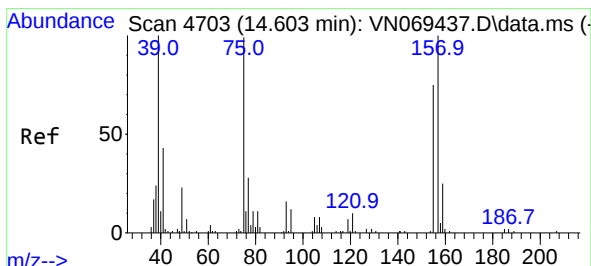
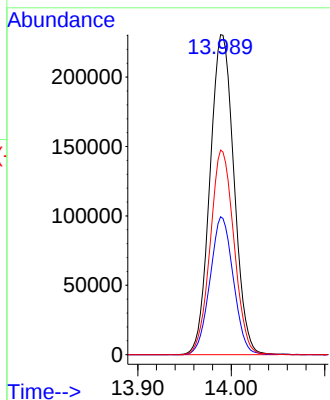
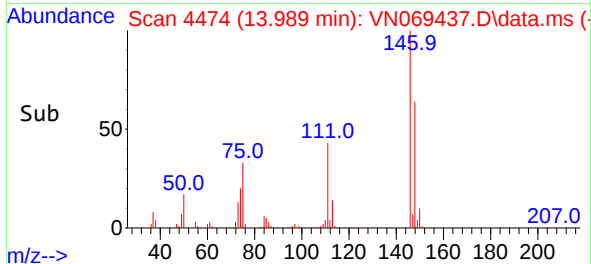
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



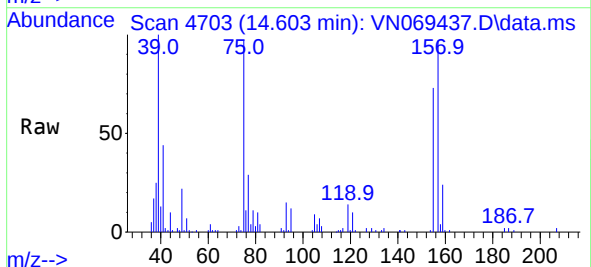
Tgt Ion:146 Resp: 41156
Ion Ratio Lower Upper
146 100
111 41.9 21.4 64.2
148 63.3 32.5 97.4

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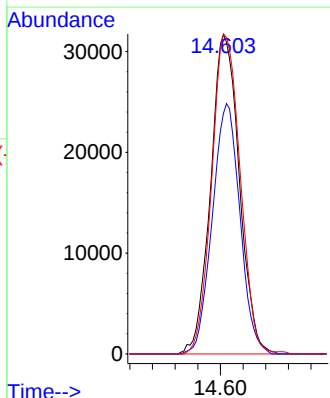
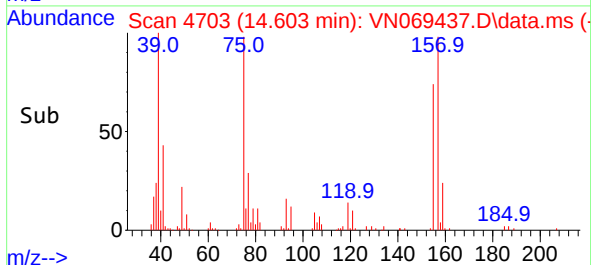
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

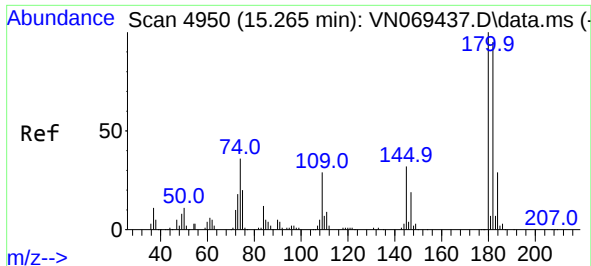


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.631 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59



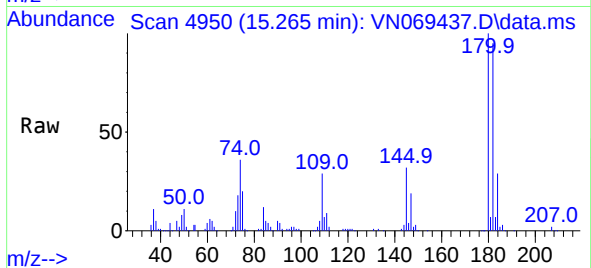
Tgt Ion: 75 Resp: 55721
Ion Ratio Lower Upper
75 100
155 75.3 63.8 95.8
157 99.3 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 15.102 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

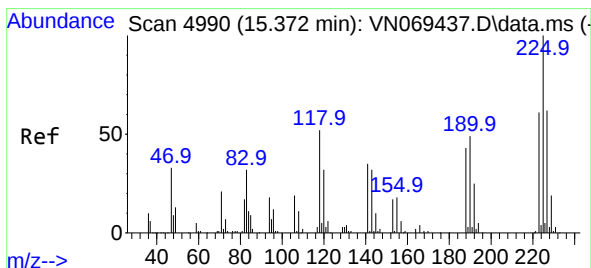
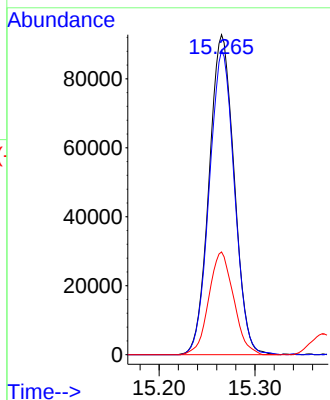
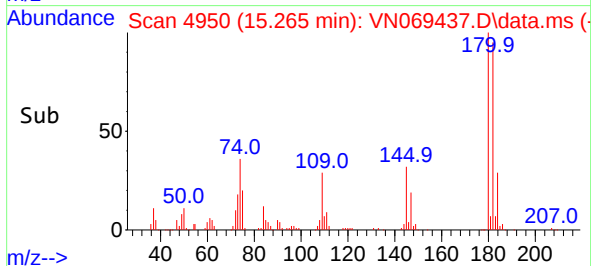
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



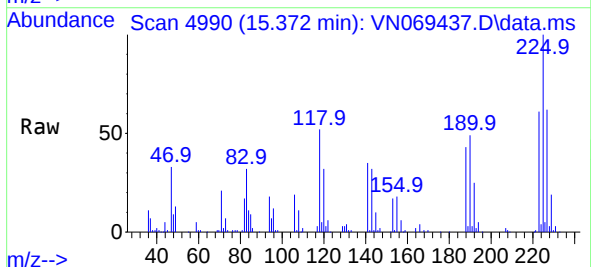
Tgt Ion:180 Resp: 168069
Ion Ratio Lower Upper
180 100
182 94.9 77.7 116.5
145 31.9 26.6 39.8

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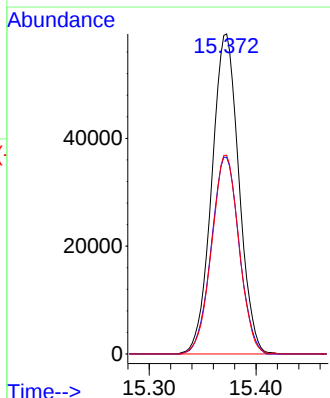
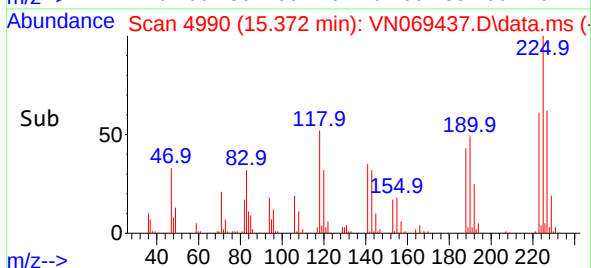
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

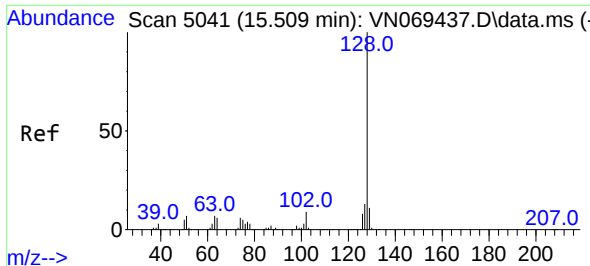


#90
Hexachlorobutadiene
Concen: 17.996 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59



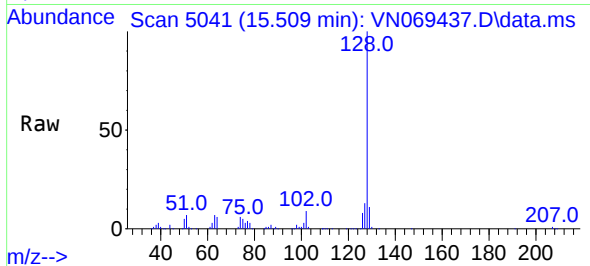
Tgt Ion:225 Resp: 104708
Ion Ratio Lower Upper
225 100
223 63.2 0.0 126.8
227 62.7 0.0 123.0





#91
Naphthalene
Concen: 13.872 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59

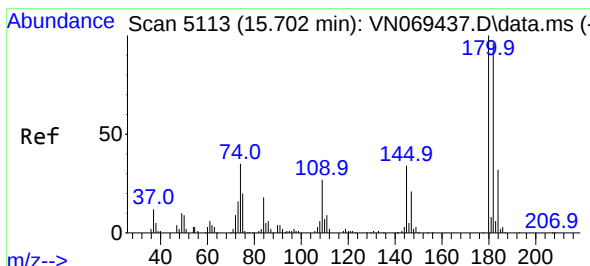
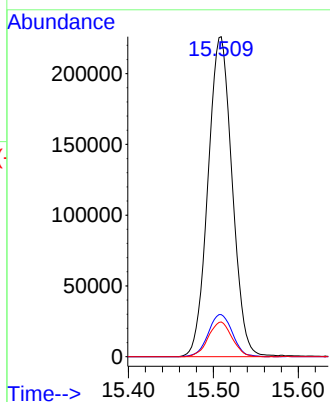
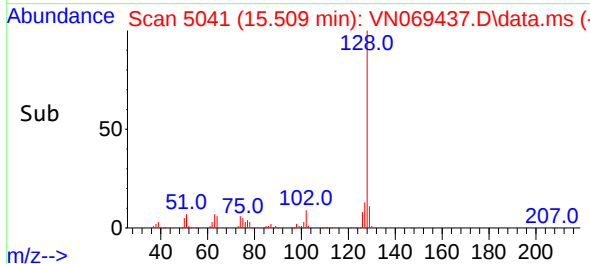
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



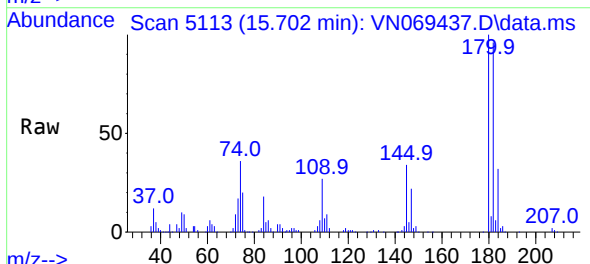
Tgt Ion:128 Resp: 446530
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.7 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 15.705 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN069437.D
Acq: 10 Nov 2021 12:59



Tgt Ion:180 Resp: 167037
Ion Ratio Lower Upper
180 100
182 95.1 0.0 190.0
145 33.1 0.0 67.8

