

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111021\
 Data File : VN069446.D
 Acq On : 10 Nov 2021 17:54
 Operator : JC/MD
 Sample : VN1110WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 03:14:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	165264	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	950696	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	879510	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	447280	31.206	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.033%			
60) 4-Bromofluorobenzene	12.734	95	410626	29.175	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.233%			
63) Toluene-d8	10.443	98	1225912	30.188	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.633%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	276594	22.649	ug/l	99
3) Chloromethane	2.306	50	287220	22.558	ug/l	96
4) Vinyl Chloride	2.448	62	283611	21.967	ug/l	99
5) Bromomethane	2.861	94	183605	22.205	ug/l	98
6) Chloroethane	3.025	64	181147	22.238	ug/l	99
7) Trichlorofluoromethane	3.379	101	422869	22.346	ug/l	99
8) Diethyl Ether	3.824	74	139655	23.380	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.208	101	194647	22.229	ug/l	72
10) 1,1-Dichloroethene	4.178	96	174677	21.150	ug/l	91
11) Methyl Iodide	4.419	142	239989	20.856	ug/l	96
12) Methyl Acetate	4.859	43	532179m	22.375	ug/l	
13) Acrolein	4.044	56	57361	87.715	ug/l	99
14) Acrylonitrile	5.557	53	713519	109.958	ug/l	99
15) Acetone	4.291	58	211413	97.776	ug/l	84
16) Carbon Disulfide	4.529	76	424932	20.584	ug/l	96
17) Allyl chloride	4.843	41	378370	21.555	ug/l	90
18) Methylene Chloride	5.093	84	226923	21.568	ug/l #	84
19) trans-1,2-Dichloroethene	5.599	96	197151	21.754	ug/l #	82
20) Diisopropyl ether	6.501	45	841194	22.365	ug/l	96
21) 1,1-Dichloroethane	6.388	63	420628	22.043	ug/l	99
22) cis-1,2-Dichloroethene	7.327	96	244459	21.748	ug/l	93
23) tert-Butyl Alcohol	5.385	59	230142	101.907	ug/l #	100
24) Methyl tert-Butyl Ether	5.621	73	752820	22.745	ug/l	96
25) Chloroform	7.820	83	435322	22.064	ug/l	100
26) Cyclohexane	8.096	56	390996	21.582	ug/l #	89
29) 1,1-Dichloropropene	8.222	75	311925	21.494	ug/l	96
30) 2-Butanone	7.340	43	1088197	103.594	ug/l	92
31) 2,2-Dichloropropane	7.327	77	313817	20.454	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	353695	20.877	ug/l	96
33) Carbon Tetrachloride	8.209	117	286415	20.469	ug/l	98
34) Benzene	8.461	78	951933	21.570	ug/l #	94
35) Methacrylonitrile	7.638	41	214422	22.256	ug/l	88
36) 1,2-Dichloroethane	8.531	62	383048	22.513	ug/l	98
37) Trichloroethene	9.217	130	227515	21.339	ug/l	96
38) Methylcyclohexane	9.462	83	390103	21.727	ug/l	91
39) 1,2-Dichloropropane	9.491	63	254964	21.813	ug/l	97
40) Dibromomethane	9.580	93	173457	22.158	ug/l	97
41) Bromodichloromethane	9.762	83	309510	21.065	ug/l	96
42) Vinyl Acetate	6.436	43	3264374m	109.964	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.418	43	402086	20.655	ug/l	98
44) Isopropyl Acetate	8.563	43	668491	22.026	ug/l	94
45) 1,4-Dioxane	9.574	88	100887	409.504	ug/l	88
46) Methyl methacrylate	9.561	41	301361	21.560	ug/l	83
47) n-amyl Acetate	12.390	43	474059	20.341	ug/l	99
48) t-1,3-Dichloropropene	10.722	75	321180	20.369	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	357132	20.814	ug/l	95
50) 1,1,2-Trichloroethane	10.899	97	243533	21.908	ug/l	97
51) Ethyl methacrylate	10.762	69	389783	20.914	ug/l	93
52) 1,3-Dichloropropane	11.047	76	425089	22.138	ug/l	99
53) Dibromochloromethane	11.240	129	215179	20.257	ug/l	99
54) 1,2-Dibromoethane	11.347	107	246761	21.434	ug/l	97
55) 2-Chloroethyl vinyl ether	10.044	63	363645	85.779	ug/l	96
56) Bromoform	12.460	173	141993	18.641	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	2166860	112.238	ug/l	94
59) 2-Hexanone	11.087	43	1540923	104.929	ug/l	96
61) Tetrachloroethene	10.977	164	204623	21.677	ug/l	96
62) Toluene	10.507	91	1057244	21.875	ug/l	99
64) Chlorobenzene	11.771	112	616651	21.266	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	219172	21.470	ug/l	99
66) Ethyl Benzene	11.846	91	1161245	21.707	ug/l	100
67) m/p-Xylenes	11.956	106	861259	43.346	ug/l	96
68) o-Xylene	12.283	106	422428	21.233	ug/l	95
69) Styrene	12.296	104	688291	21.340	ug/l	98
70) Isopropylbenzene	12.581	105	1116208	21.454	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	382130	22.258	ug/l	97
72) 1,2,3-Trichloropropane	12.881	75	316928m	18.950	ug/l	
73) Bromobenzene	12.862	156	258558	21.558	ug/l	95
74) n-propylbenzene	12.921	91	1285696	21.517	ug/l	99
75) 2-Chlorotoluene	13.010	91	775020	21.307	ug/l	97
76) 1,3,5-Trimethylbenzene	13.061	105	922429	21.601	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	85982	19.045	ug/l	80
78) 4-Chlorotoluene	13.106	91	736790	21.151	ug/l	95
79) tert-butylbenzene	13.324	119	790969	21.056	ug/l	100
80) 1,2,4-Trimethylbenzene	13.369	105	908732m	21.814	ug/l	
81) sec-Butylbenzene	13.503	105	1118418	21.279	ug/l	99
82) p-Isopropyltoluene	13.619	119	889231	21.204	ug/l	100
83) 1,3-Dichlorobenzene	13.616	146	444568	21.680	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	425096	21.369	ug/l	98
85) n-Butylbenzene	13.943	91	711576	20.330	ug/l	99
86) Hexachloroethane	14.211	117	134865	19.431	ug/l	92
87) 1,2-Dichlorobenzene	13.991	146	435240	21.992	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.606	75	60530	20.140	ug/l	99
89) 1,2,4-Trichlorobenzene	15.265	180	190907	20.119	ug/l	98
90) Hexachlorobutadiene	15.373	225	110470	21.528	ug/l	99
91) Naphthalene	15.509	128	530371	19.402	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	190022	20.370	ug/l	99

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

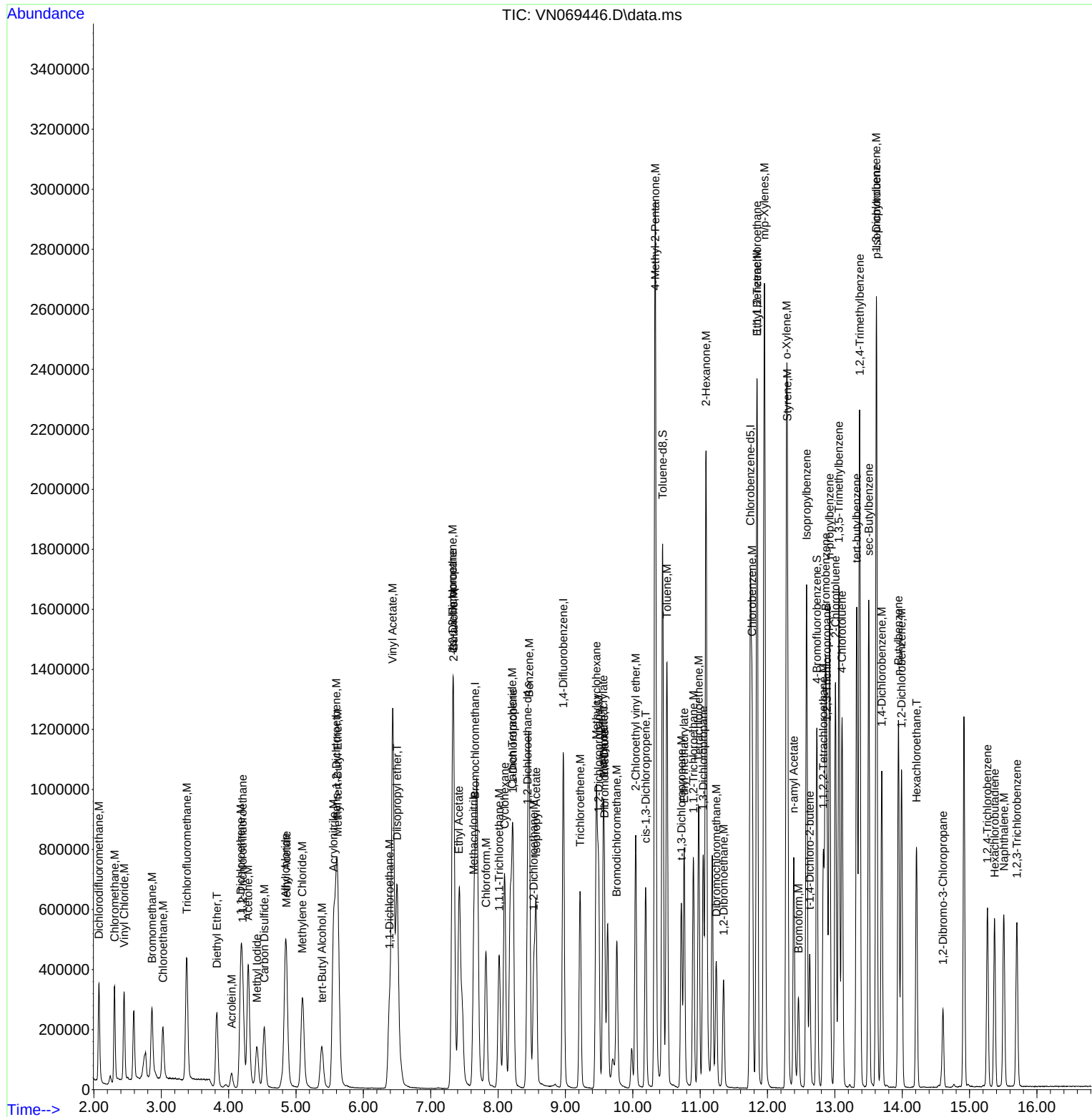
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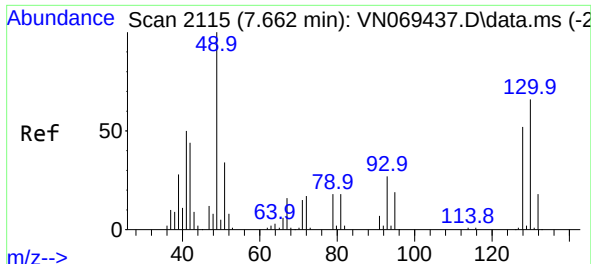
Instrument :
 MSVOA_N
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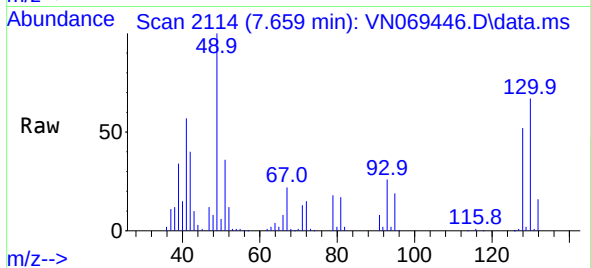
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

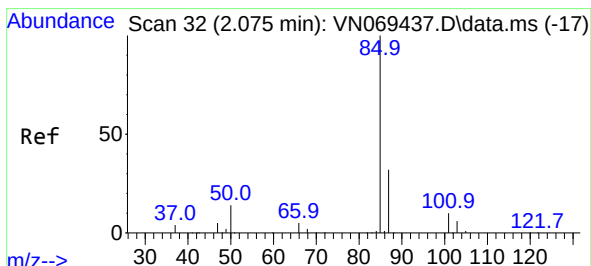
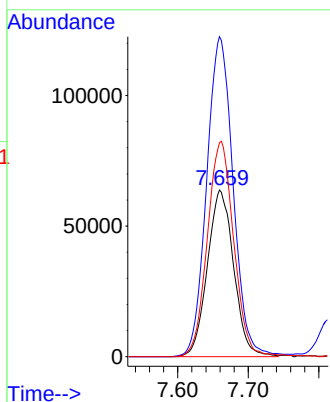
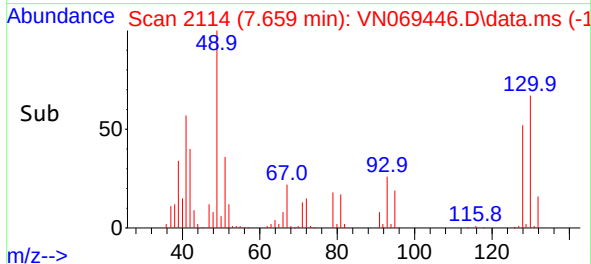
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



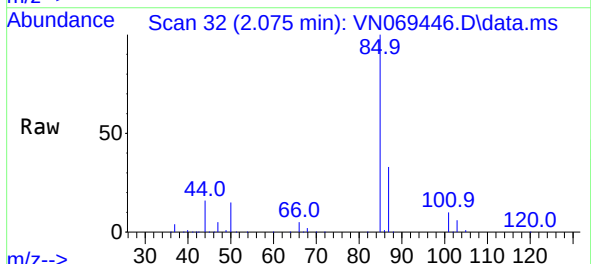
Tgt Ion:128 Resp: 165264
Ion Ratio Lower Upper
128 100
49 193.0 0.0 392.3
130 129.9 0.0 320.2

Manual Integrations
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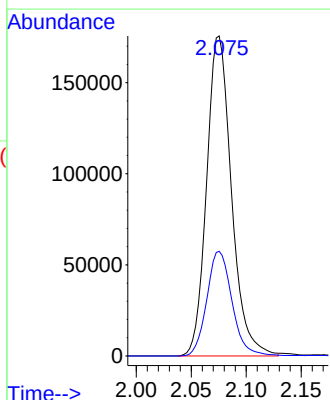
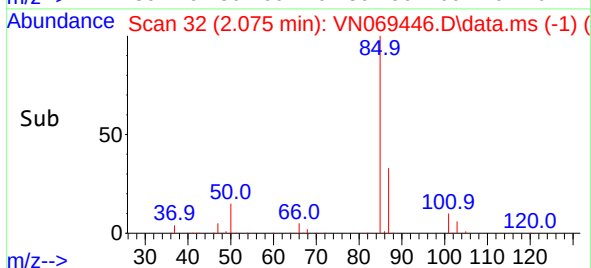
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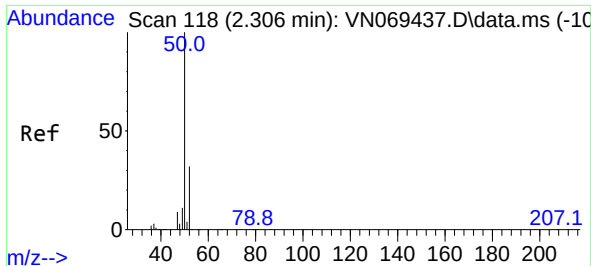


#2
Dichlorodifluoromethane
Concen: 22.649 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



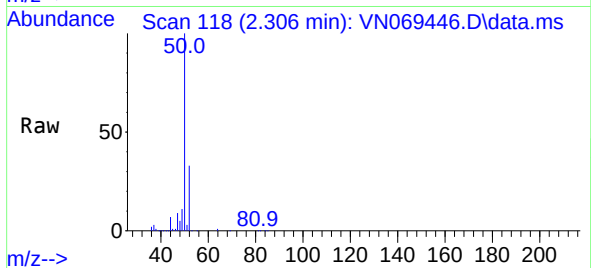
Tgt Ion: 85 Resp: 276594
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.7





#3
Chloromethane
Concen: 22.558 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

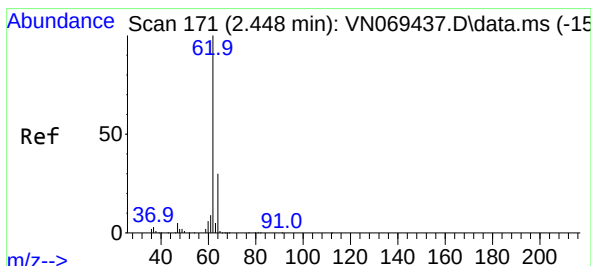
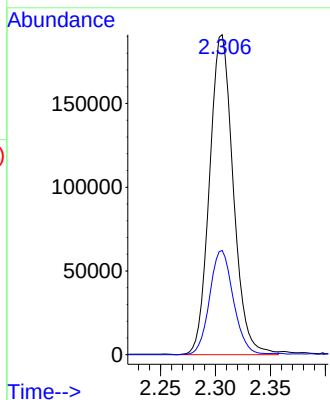
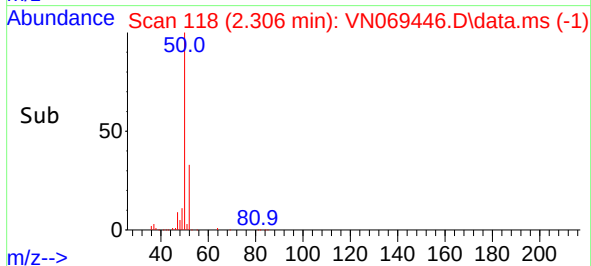
Instrument :
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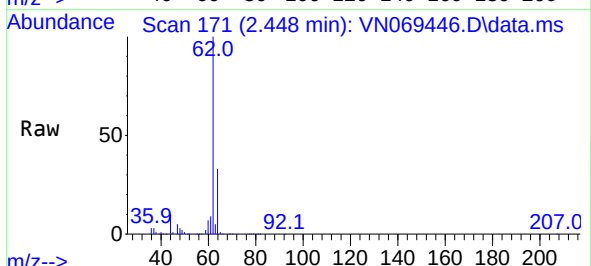
Tgt Ion: 50 Resp: 287220
Ion Ratio Lower Upper
50 100
52 32.5 27.8 41.6

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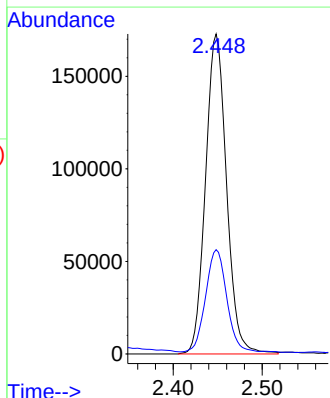
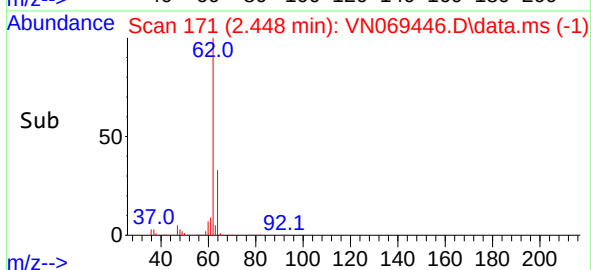
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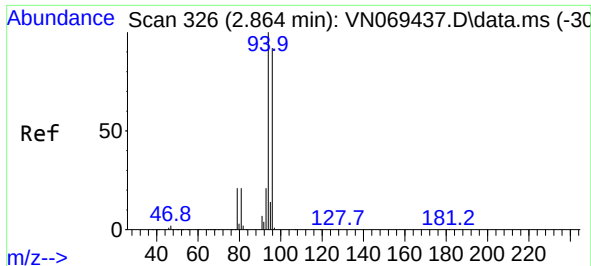


#4
Vinyl Chloride
Concen: 21.967 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



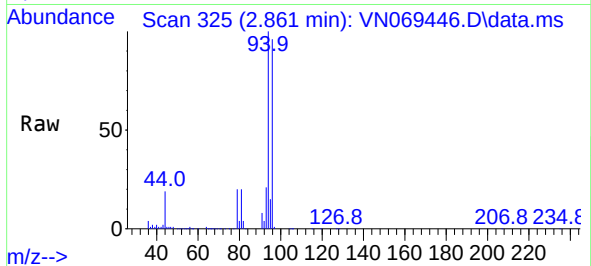
Tgt Ion: 62 Resp: 283611
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7





#5
Bromomethane
Concen: 22.205 ug/l
RT: 2.861 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

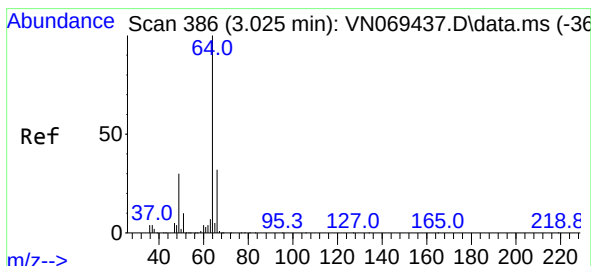
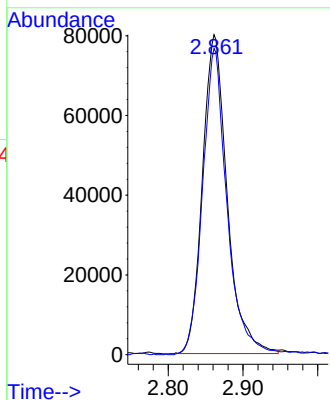
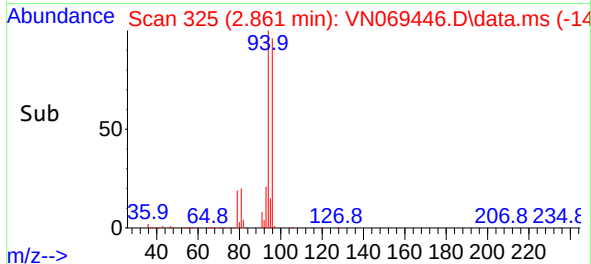
Instrument :
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Tgt Ion: 94 Resp: 18360
Ion Ratio Lower Upper
94 100
96 95.6 75.2 112.8

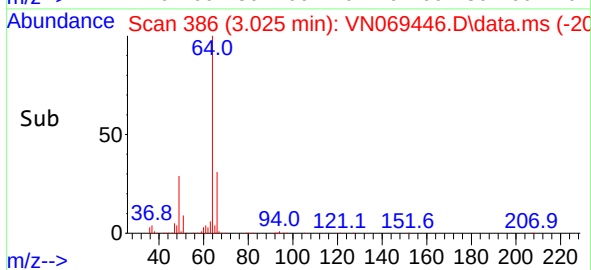
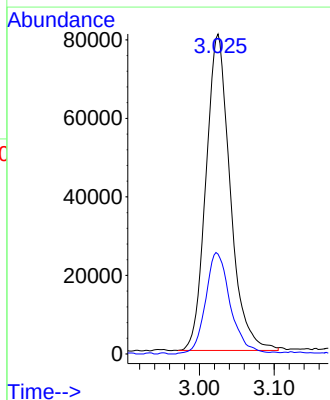
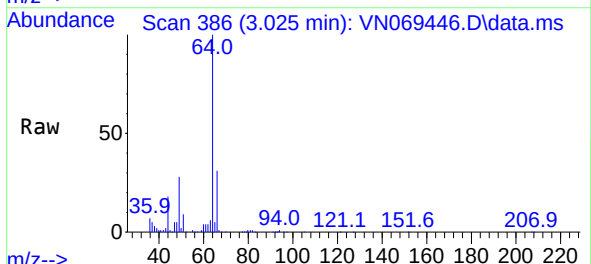
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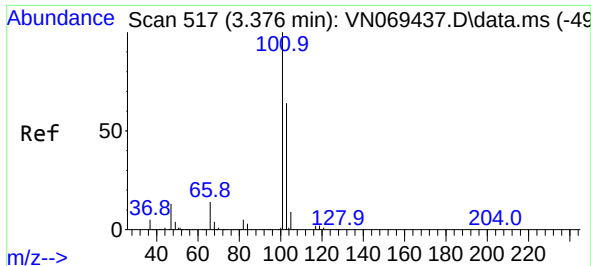
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#6
Chloroethane
Concen: 22.238 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.000 min
Lab File: VN069446.D
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Tgt Ion: 64 Resp: 181147
Ion Ratio Lower Upper
64 100
66 31.3 24.6 36.8





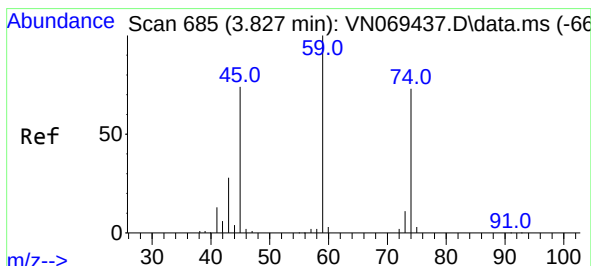
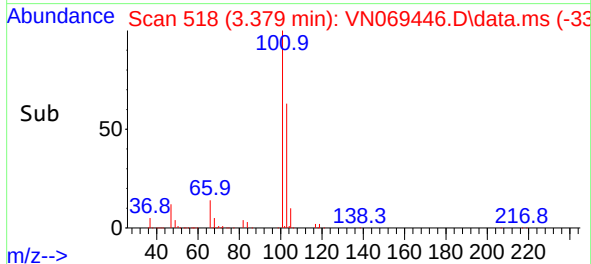
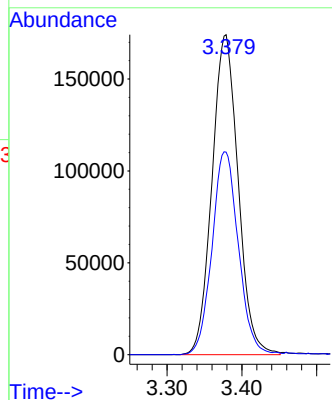
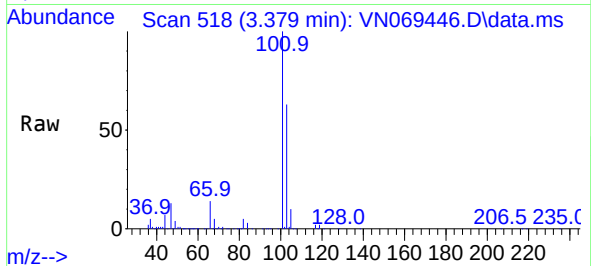
#7
 Trichlorofluoromethane
 Concen: 22.346 ug/l
 RT: 3.379 min Scan# 517
 Delta R.T. 0.000 min
 Lab File: VN069446.D
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Instrument :
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Tgt Ion:101 Resp: 422869
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.1 75.1

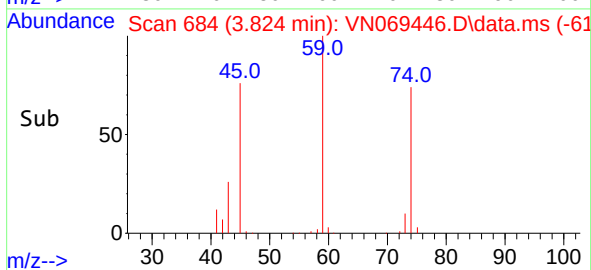
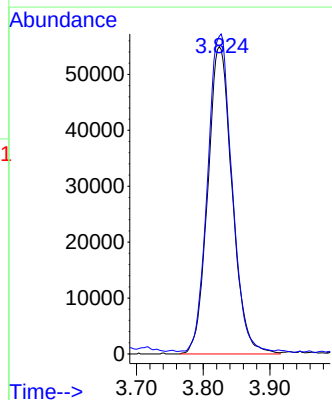
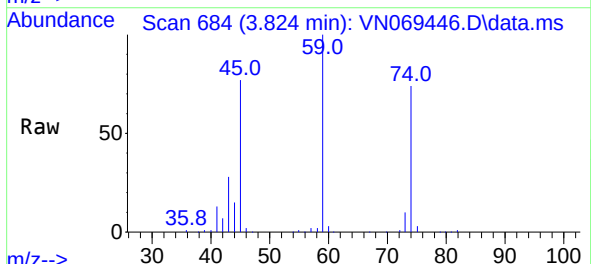
Manual Integrations
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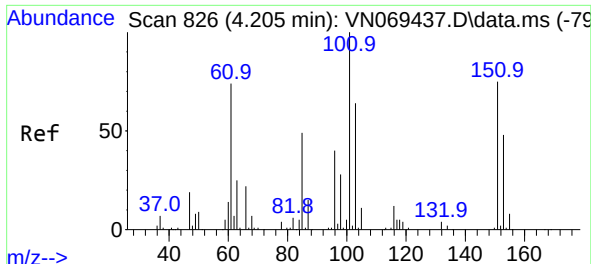
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/16/2021



#8
 Diethyl Ether
 Concen: 23.380 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. -0.005 min
 Lab File: VN069446.D
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Tgt Ion: 74 Resp: 139655
 Ion Ratio Lower Upper
 74 100
 45 102.9 17.6 158.8





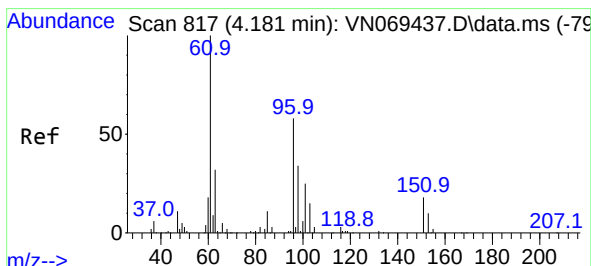
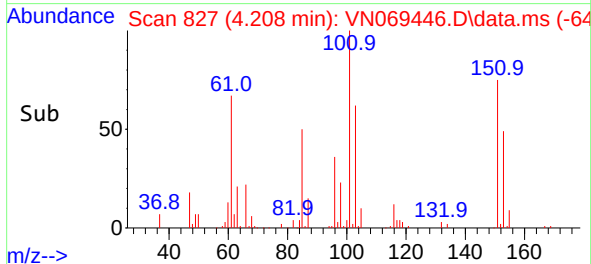
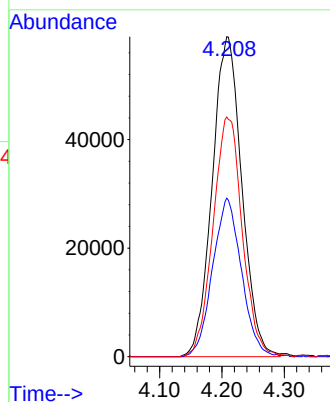
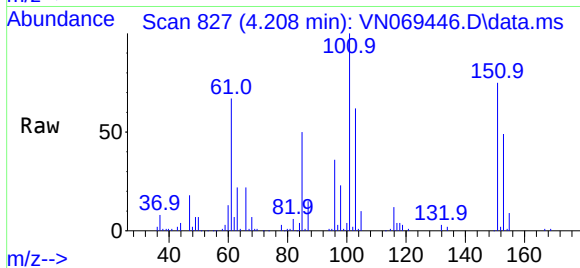
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.229 ug/l
RT: 4.208 min Scan# 81
Delta R.T. -0.013 min
Lab File: VN069446.D
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Tgt Ion:101 Resp: 19464
Ion Ratio Lower Upper
101 100
85 48.2 0.0 94.0
151 74.0 0.0 74.6

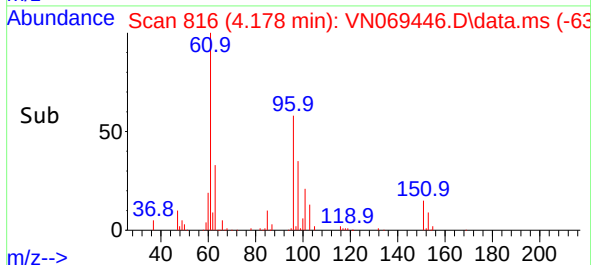
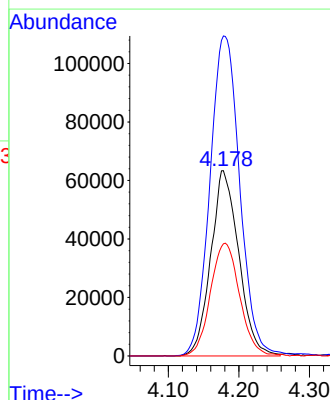
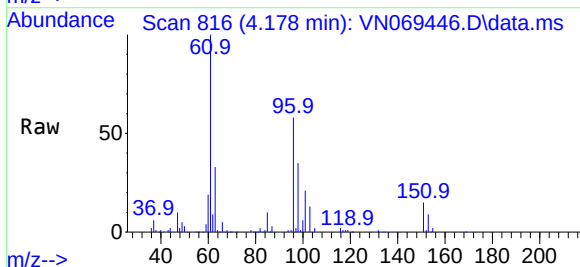
Manual Integrations
APPROVED

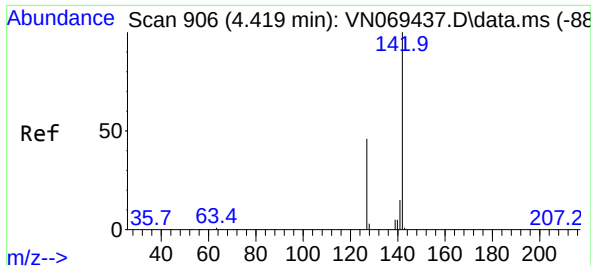
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#10
1,1-Dichloroethene
Concen: 21.150 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.013 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

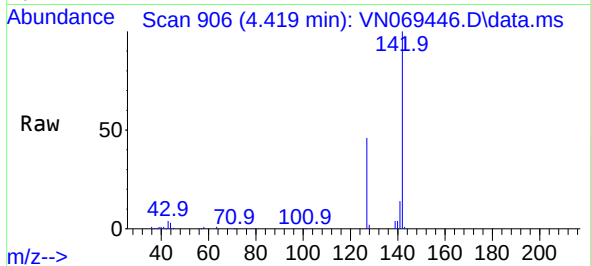
Tgt Ion: 96 Resp: 174677
Ion Ratio Lower Upper
96 100
61 172.4 126.2 189.4
98 60.5 50.9 76.3





#11
Methyl Iodide
Concen: 20.856 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.011 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

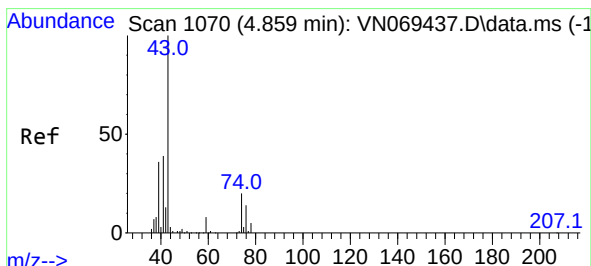
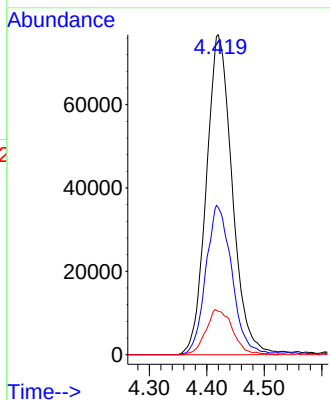
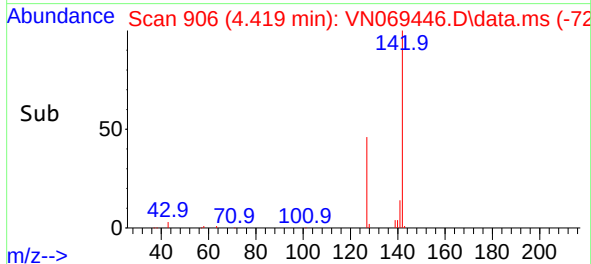
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



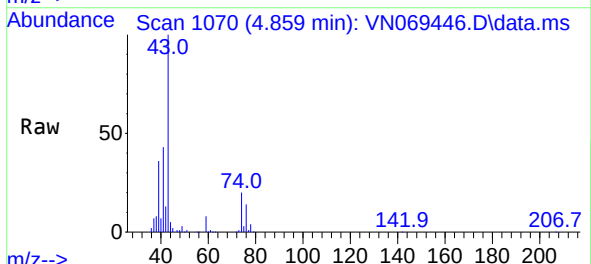
Tgt Ion:142 Resp: 239989
Ion Ratio Lower Upper
142 100
127 46.0 24.0 72.0
141 13.7 8.4 25.2

Manual Integrations
APPROVED

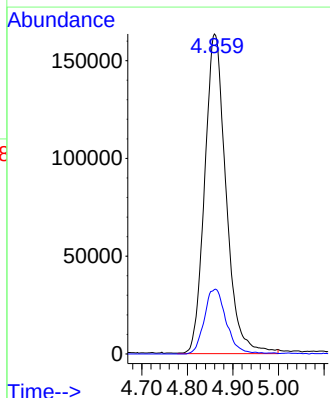
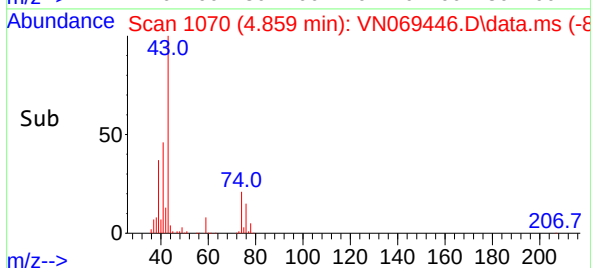
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

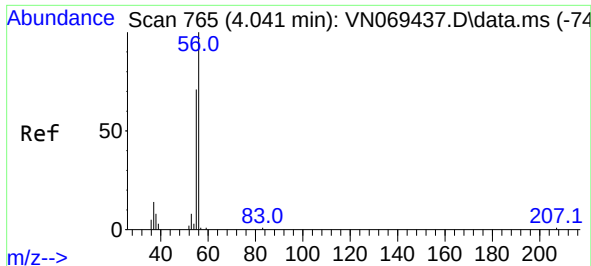


#12
Methyl Acetate
Concen: 22.375 ug/l m
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



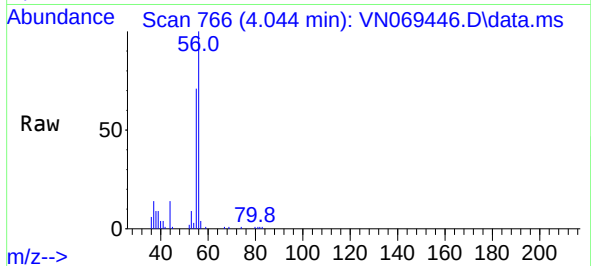
Tgt Ion: 43 Resp: 532179
Ion Ratio Lower Upper
43 100
74 20.2 20.8 31.2#





#13
Acrolein
Concen: 87.715 ug/l
RT: 4.044 min Scan# 766
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

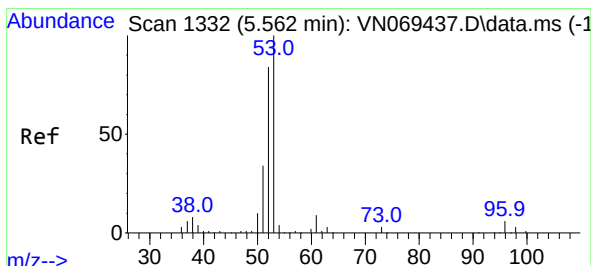
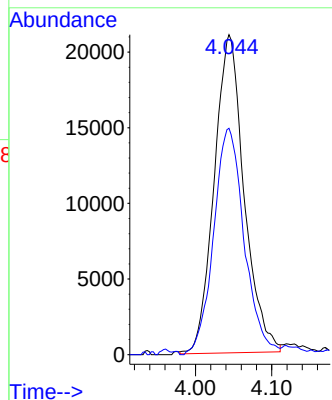
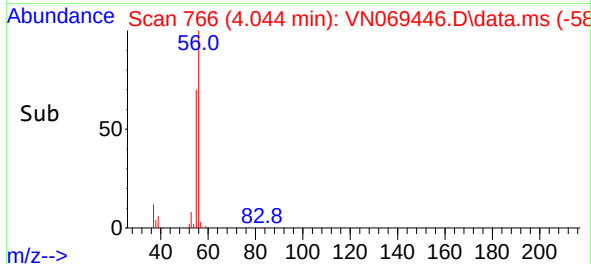
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



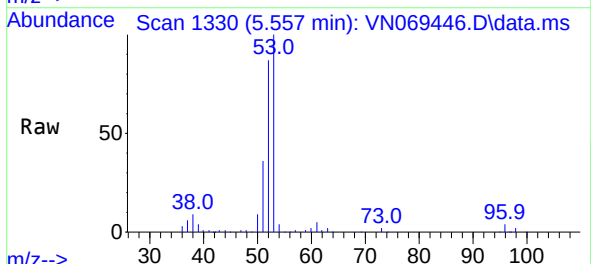
Tgt Ion: 56 Resp: 5736
Ion Ratio Lower Upper
56 100
55 72.8 57.6 86.4

Manual Integrations
APPROVED

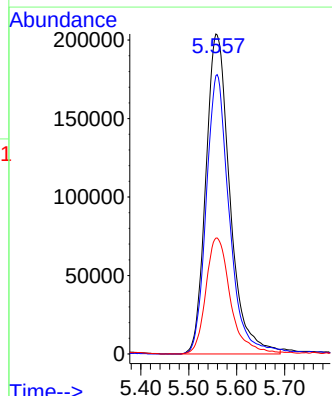
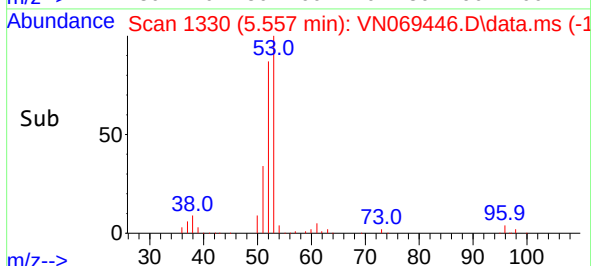
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

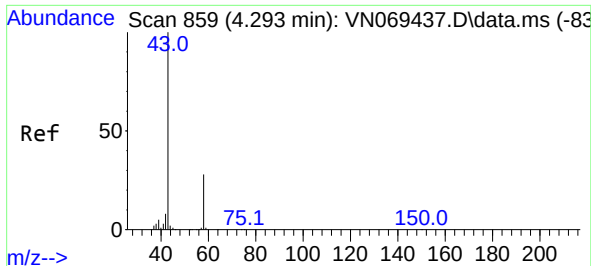


#14
Acrylonitrile
Concen: 109.958 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



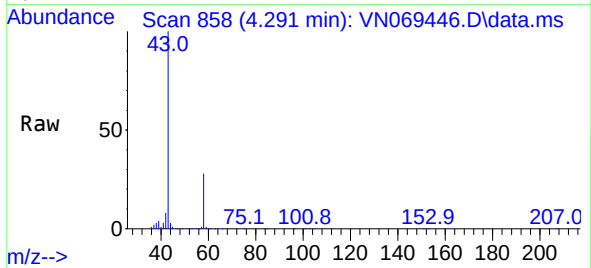
Tgt Ion: 53 Resp: 713519
Ion Ratio Lower Upper
53 100
52 82.8 41.8 125.4
51 36.4 19.0 57.0





#15
Acetone
Concen: 97.776 ug/l
RT: 4.291 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

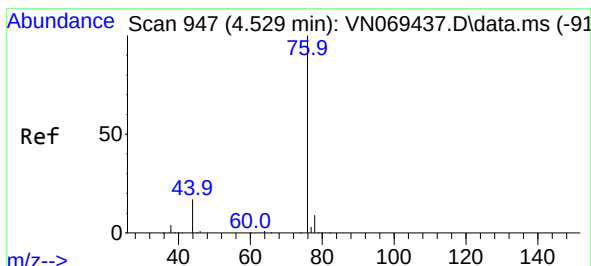
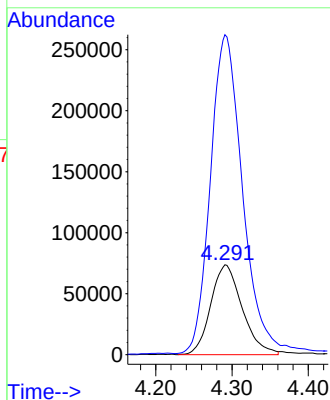
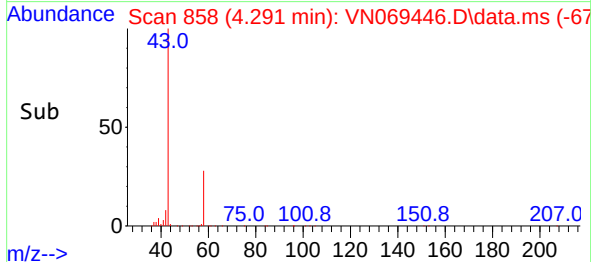
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



Tgt Ion: 58 Resp: 21141
Ion Ratio Lower Upper
58 100
43 354.2 256.6 384.8

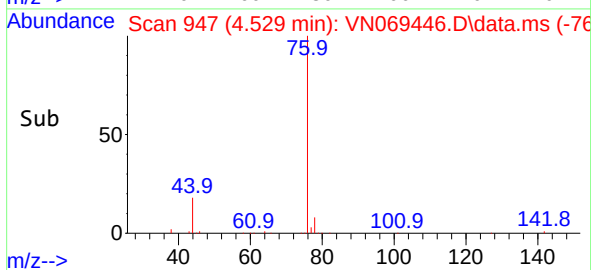
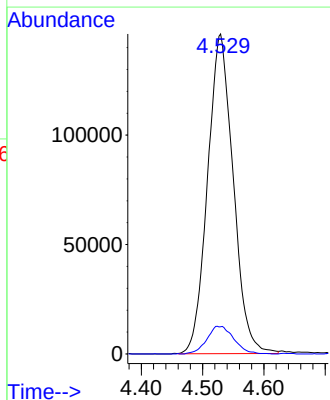
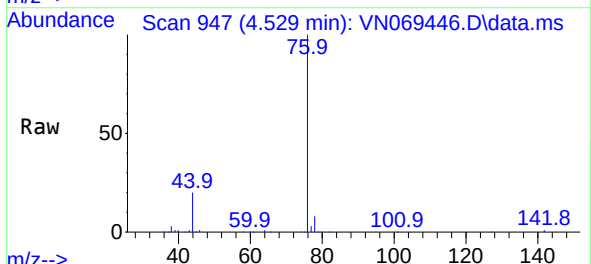
Manual Integrations
APPROVED

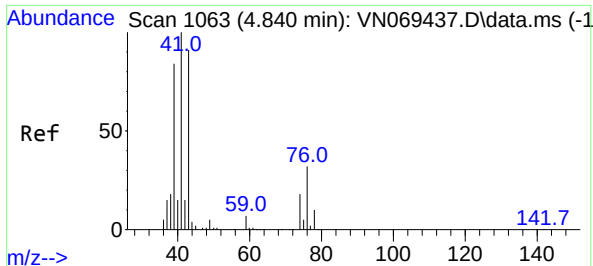
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#16
Carbon Disulfide
Concen: 20.584 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.008 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

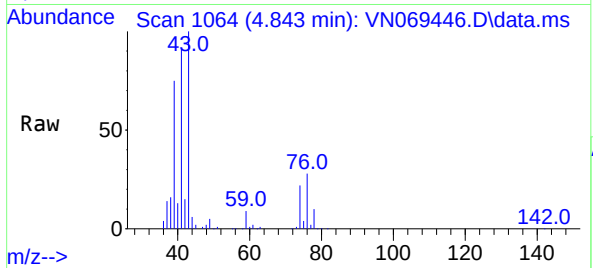
Tgt Ion: 76 Resp: 424932
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8





#17
 Allyl chloride
 Concen: 21.555 ug/l
 RT: 4.843 min Scan# 1063
 Delta R.T. -0.003 min
 Lab File: VN069446.D
 Acq: 10 Nov 2021 17:54

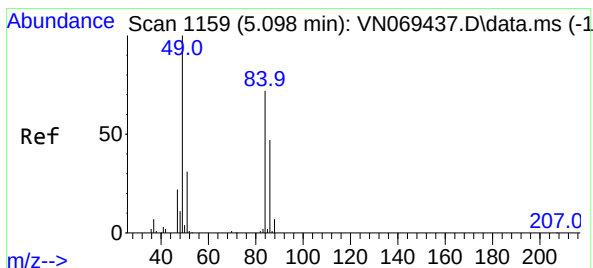
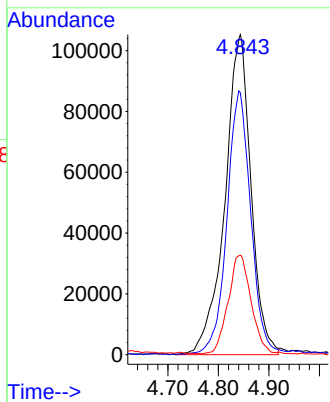
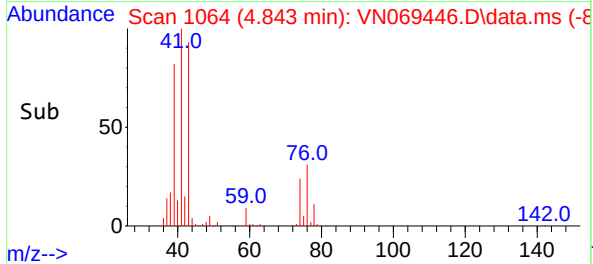
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBSD01



Tgt Ion: 41 Resp: 378370
 Ion Ratio Lower Upper
 41 100
 39 81.7 44.6 134.0
 76 30.4 19.6 58.7

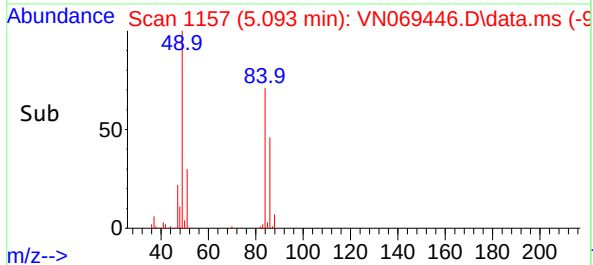
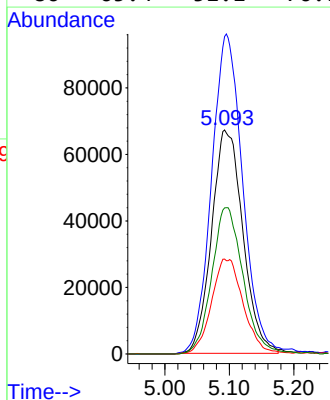
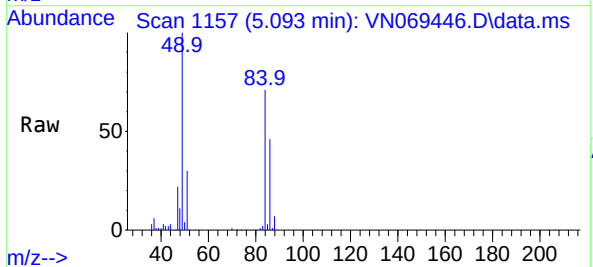
Manual Integrations
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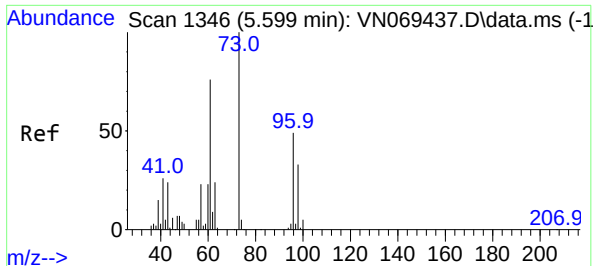
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/16/2021



#18
 Methylene Chloride
 Concen: 21.568 ug/l
 RT: 5.093 min Scan# 1157
 Delta R.T. -0.008 min
 Lab File: VN069446.D
 Acq: 10 Nov 2021 17:54

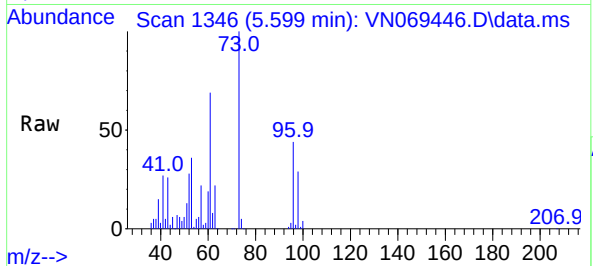
Tgt Ion: 84 Resp: 226923
 Ion Ratio Lower Upper
 84 100
 49 141.7 91.4 137.0#
 51 42.5 29.4 44.0
 86 65.4 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 21.754 ug/l
RT: 5.599 min Scan# 1346
Delta R.T. -0.005 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

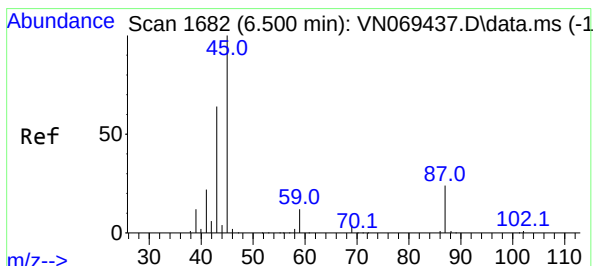
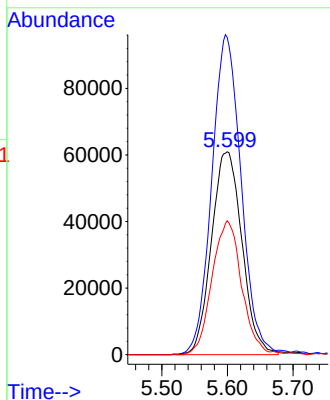
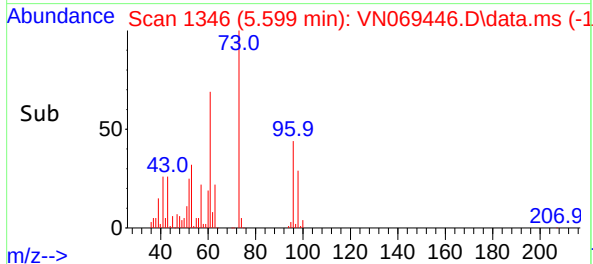
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



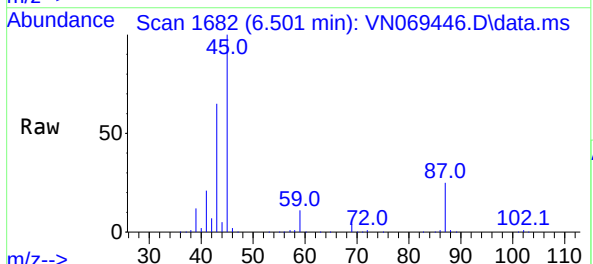
Tgt Ion: 96 Resp: 19715
Ion Ratio Lower Upper
96 100
61 156.1 102.8 154.2
98 66.0 49.3 73.9

Manual Integrations
APPROVED

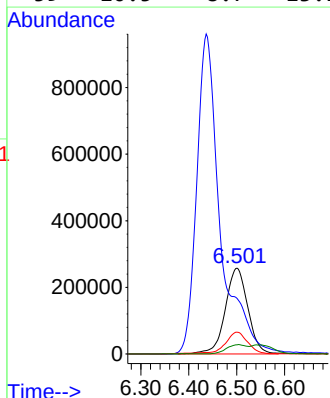
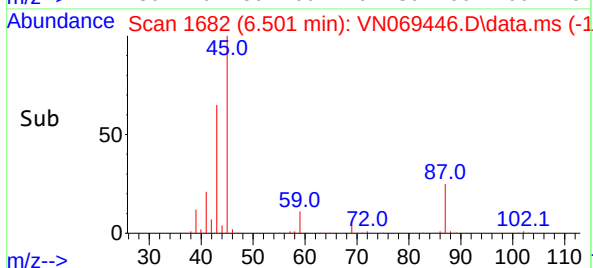
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

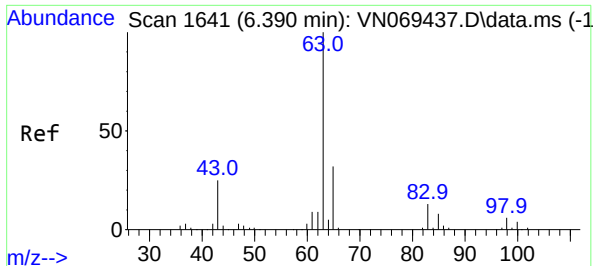


#20
Diisopropyl ether
Concen: 22.365 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



Tgt Ion: 45 Resp: 841194
Ion Ratio Lower Upper
45 100
43 62.8 51.0 76.4
87 25.1 25.0 37.4
59 10.5 8.7 13.1





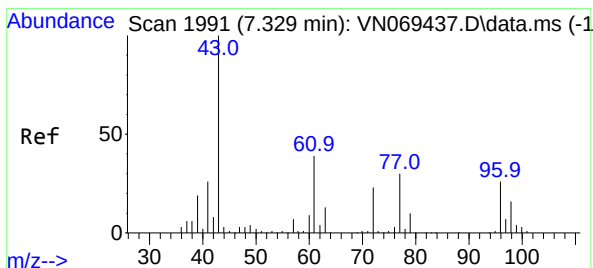
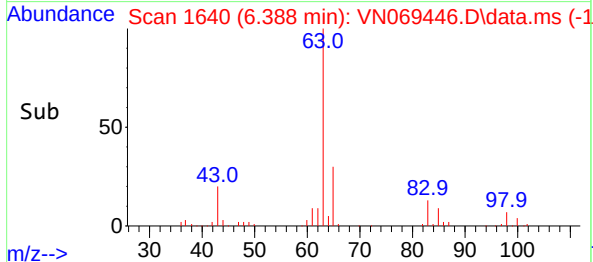
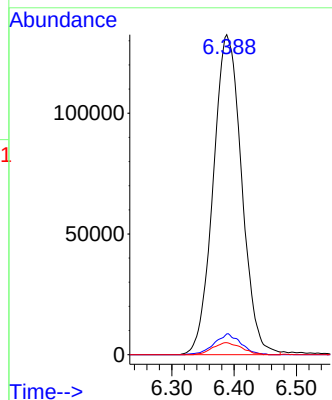
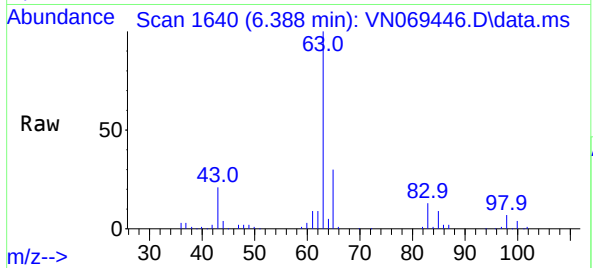
#21
1,1-Dichloroethane
Concen: 22.043 ug/l
RT: 6.388 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion: 63 Resp: 420628
Ion Ratio Lower Upper
63 100
98 6.5 3.2 9.6
100 3.7 2.1 6.2

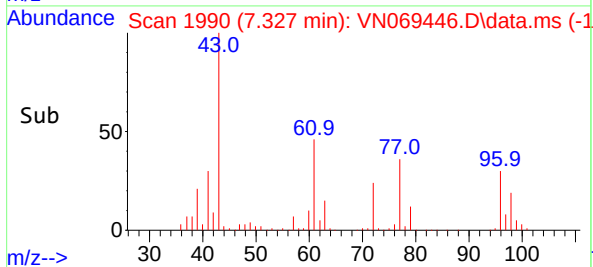
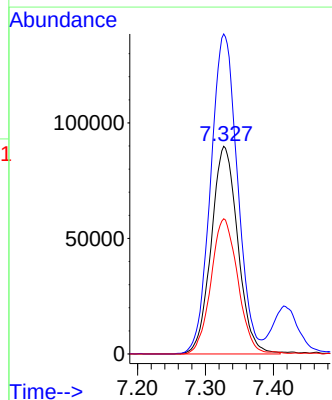
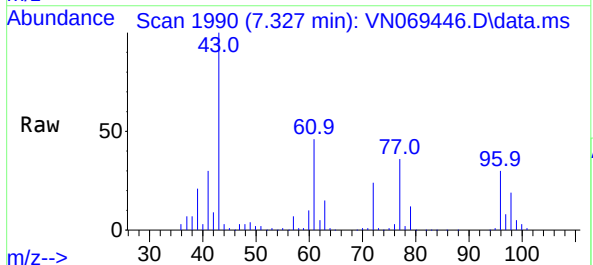
Manual Integrations
APPROVED

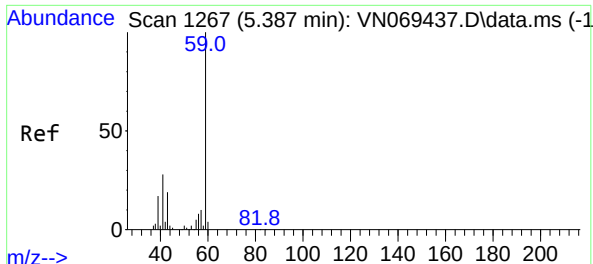
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#22
cis-1,2-Dichloroethene
Concen: 21.748 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

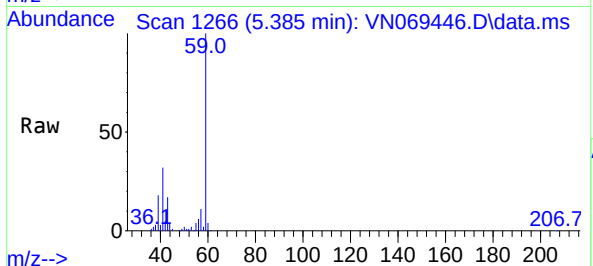
Tgt Ion: 96 Resp: 244459
Ion Ratio Lower Upper
96 100
61 155.8 115.7 173.5
98 65.5 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 101.907 ug/l
RT: 5.385 min Scan# 1267
Delta R.T. 0.019 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

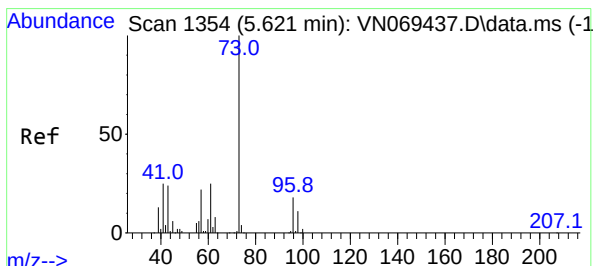
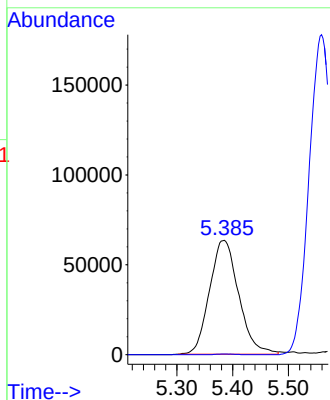
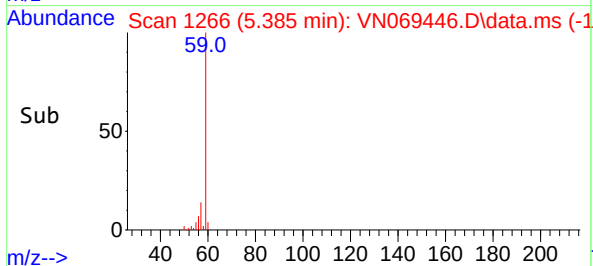
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



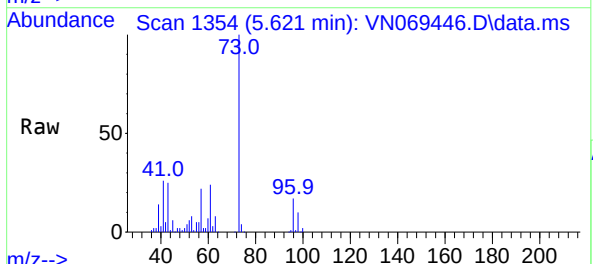
Tgt Ion: 59 Resp: 230142
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

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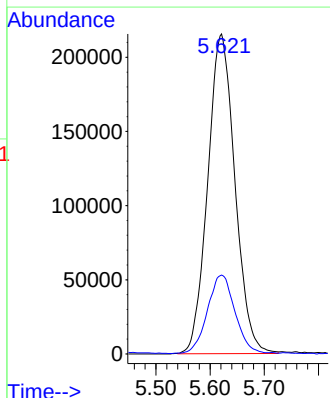
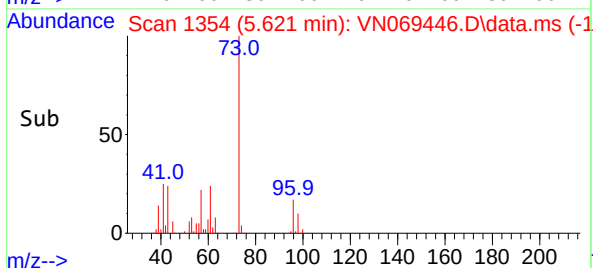
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

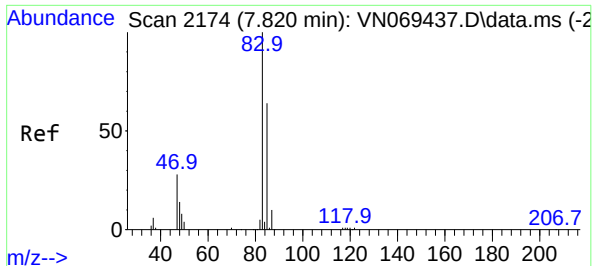


#24
Methyl tert-Butyl Ether
Concen: 22.745 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



Tgt Ion: 73 Resp: 752820
Ion Ratio Lower Upper
73 100
43 24.4 18.1 27.1





#25

Chloroform

Concen: 22.064 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN069446.D

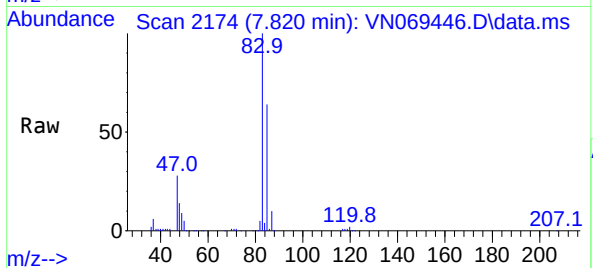
Acq: 10 Nov 2021 17:54

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01



Tgt Ion: 83 Resp: 43532

Ion Ratio Lower Upper

83 100

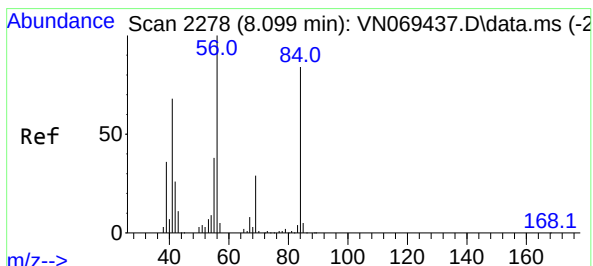
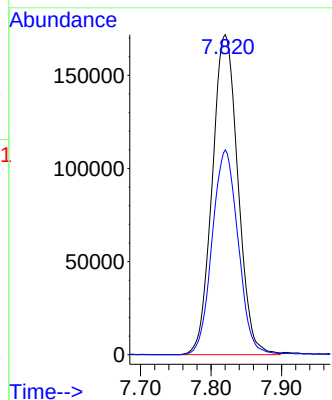
85 64.0 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#26

Cyclohexane

Concen: 21.582 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. -0.003 min

Lab File: VN069446.D

Acq: 10 Nov 2021 17:54

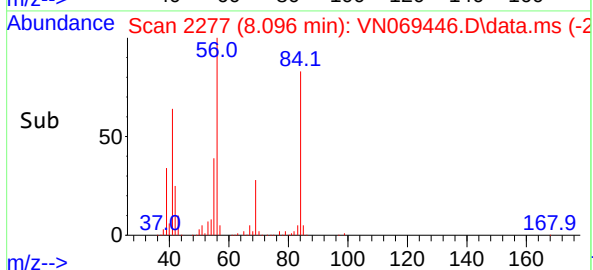
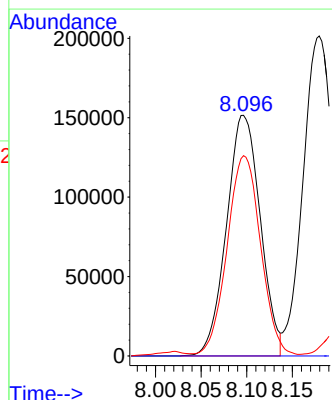
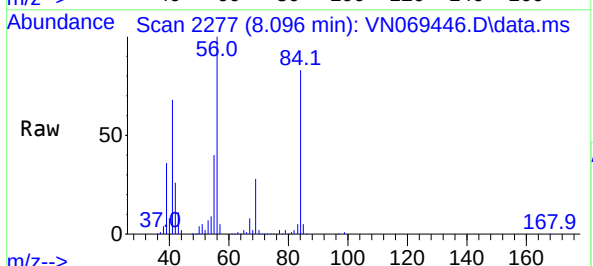
Tgt Ion: 56 Resp: 390996

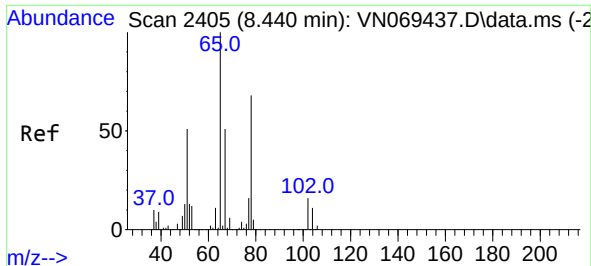
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 82.7 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 31.206 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Instrument :

MSVOA_N

ClientSampleId :

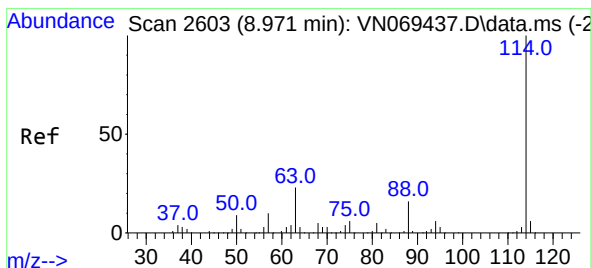
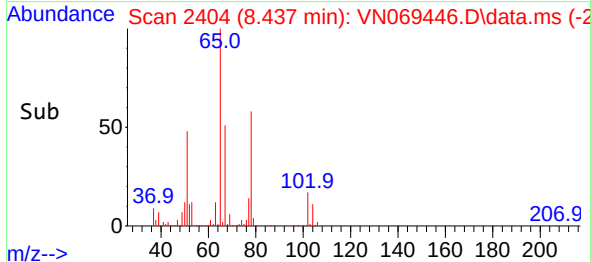
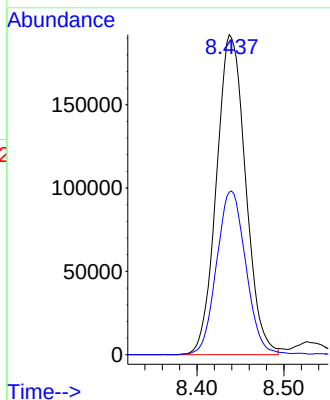
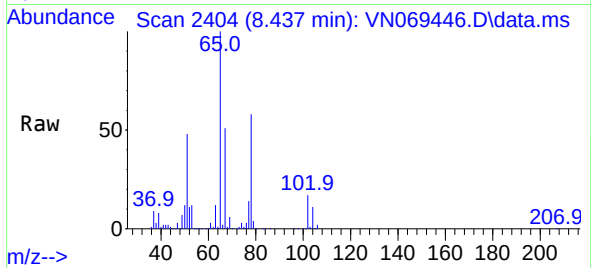
VN1110WBSD01

Tgt Ion: 65 Resp: 447280
Ion Ratio Lower Upper
65 100
67 51.5 40.2 60.2

Manual Integrations

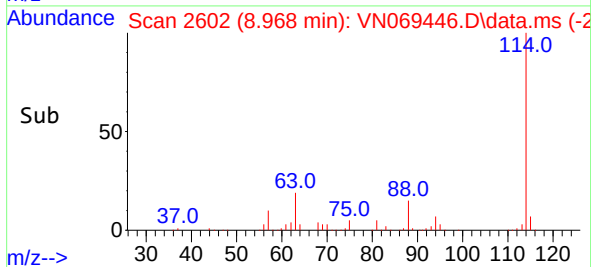
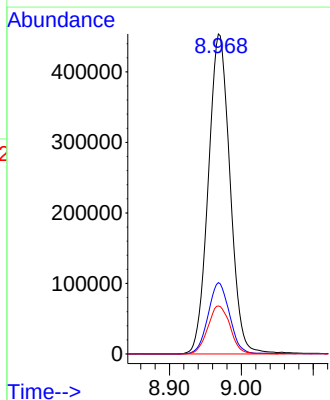
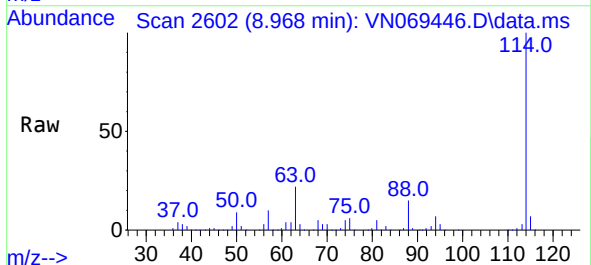
APPROVED

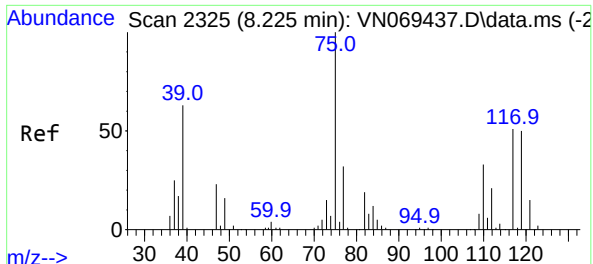
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Tgt Ion:114 Resp: 950696
Ion Ratio Lower Upper
114 100
63 22.0 15.8 23.6
88 15.4 11.6 17.4





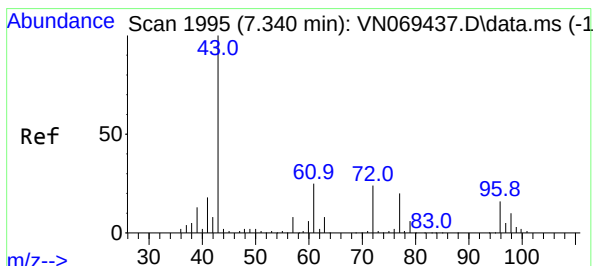
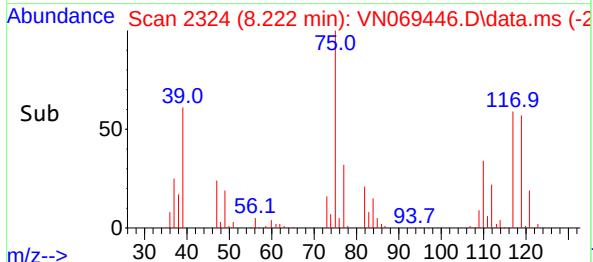
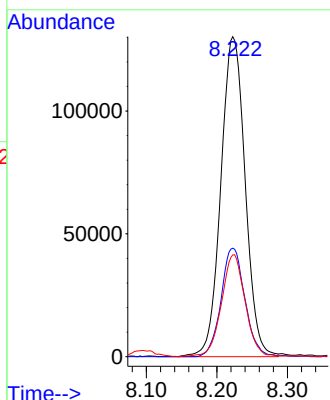
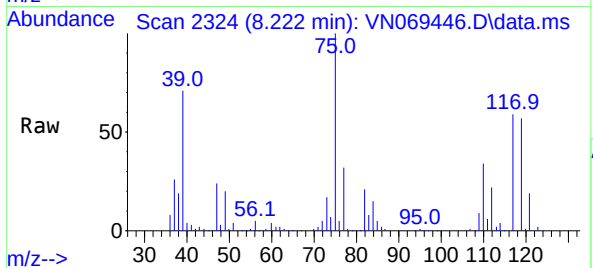
#29
1,1-Dichloropropene
Concen: 21.494 ug/l
RT: 8.222 min Scan# 21192
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion: 75 Resp: 31192
Ion Ratio Lower Upper
75 100
110 33.1 0.0 74.2
77 30.7 0.0 63.2

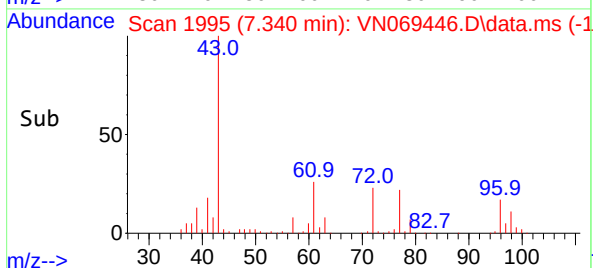
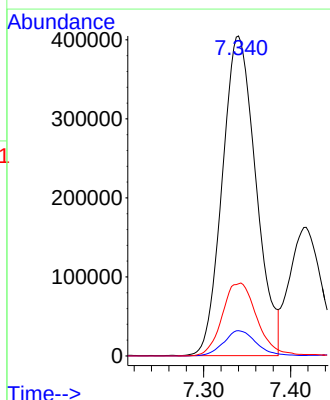
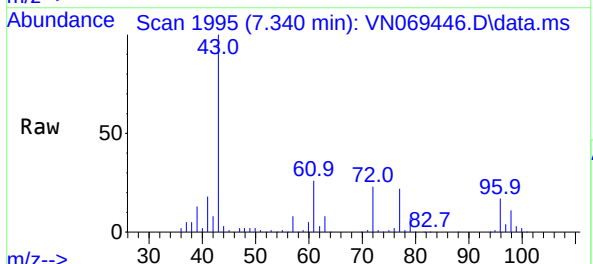
Manual Integrations
APPROVED

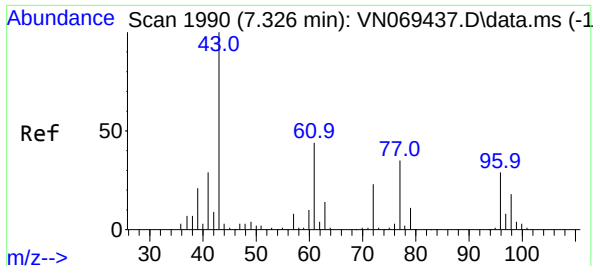
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#30
2-Butanone
Concen: 103.594 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Tgt Ion: 43 Resp: 1088197
Ion Ratio Lower Upper
43 100
57 7.8 6.7 10.1
72 23.6 23.2 34.8





#31
2,2-Dichloropropane
Concen: 20.454 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Instrument :

MSVOA_N

ClientSampleId :

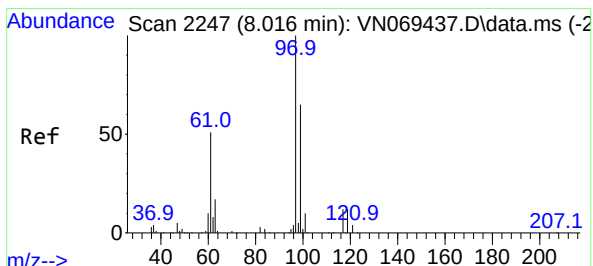
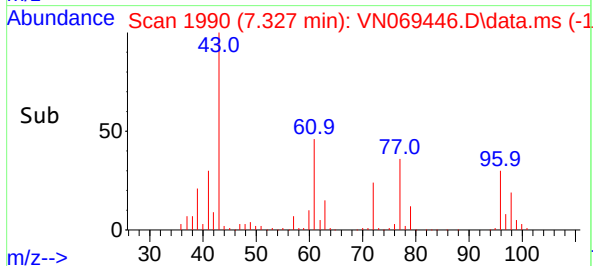
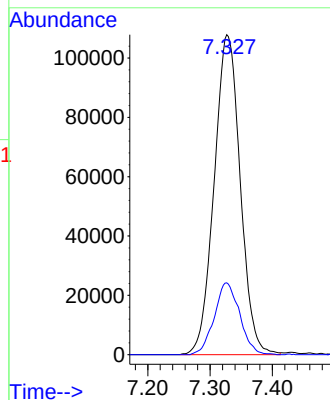
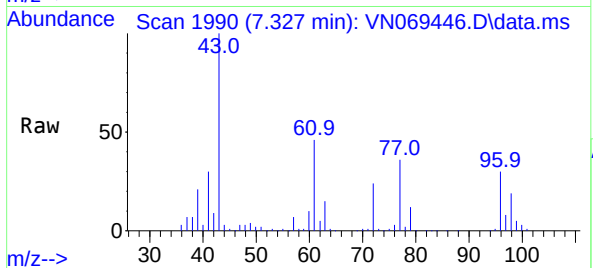
VN1110WBSD01

Tgt Ion: 77 Resp: 31381
Ion Ratio Lower Upper
77 100
97 21.9 18.3 27.5

Manual Integrations

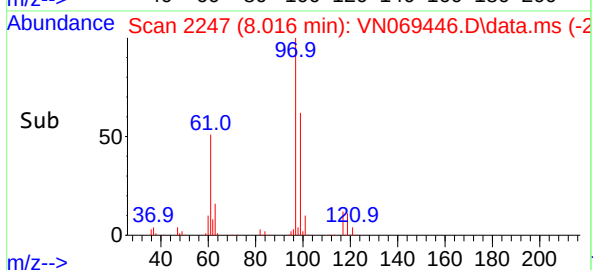
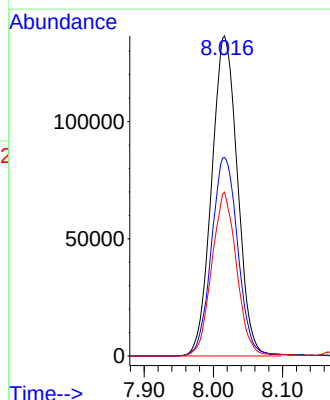
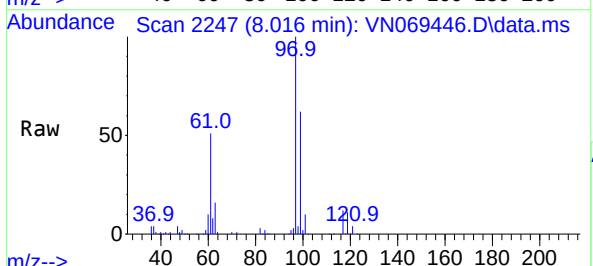
APPROVED

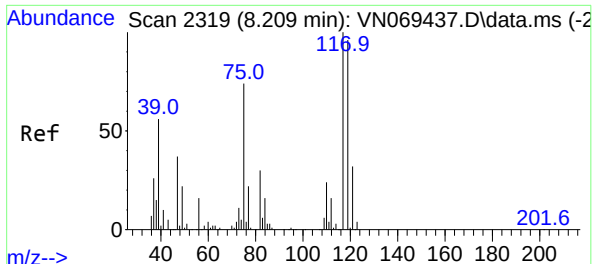
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#32
1,1,1-Trichloroethane
Concen: 20.877 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

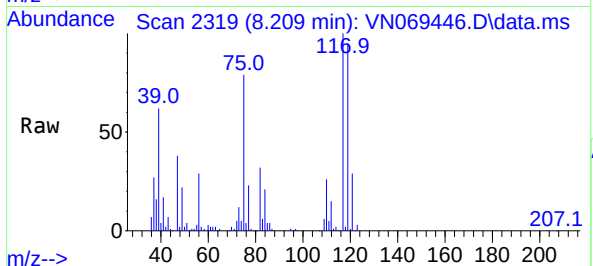
Tgt Ion: 97 Resp: 353695
Ion Ratio Lower Upper
97 100
99 63.2 50.4 75.6
61 49.0 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.469 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

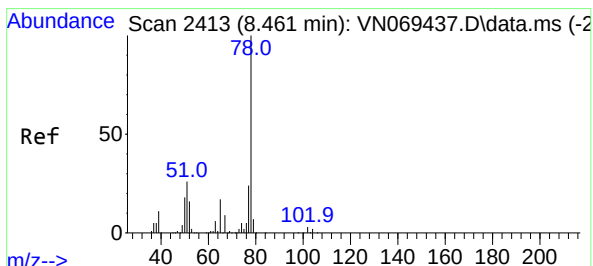
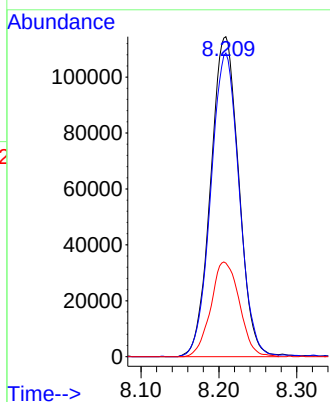
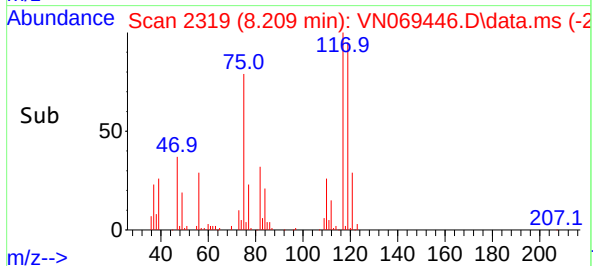
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



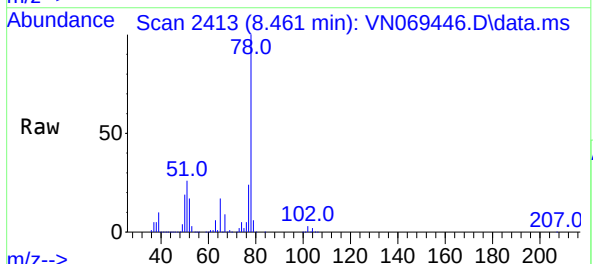
Tgt Ion: 117 Resp: 286415
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3
121 29.3 23.5 35.3

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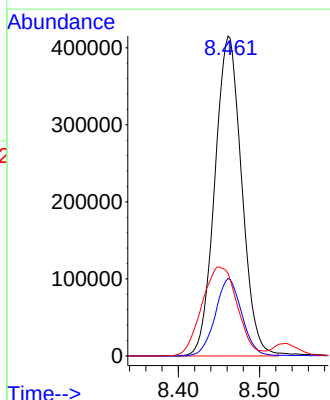
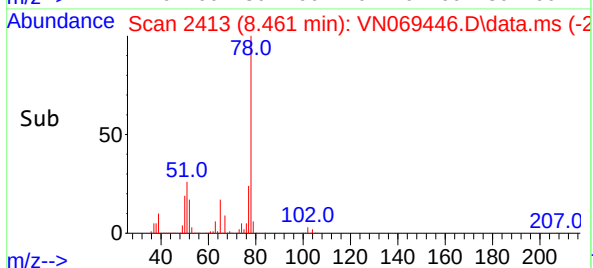
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

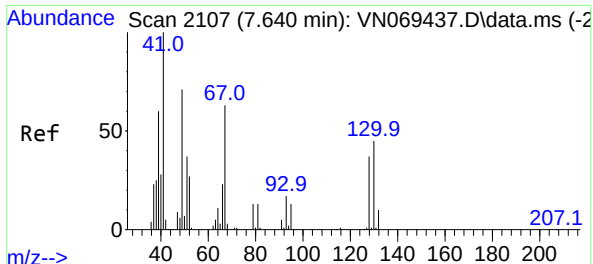


#34
Benzene
Concen: 21.570 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



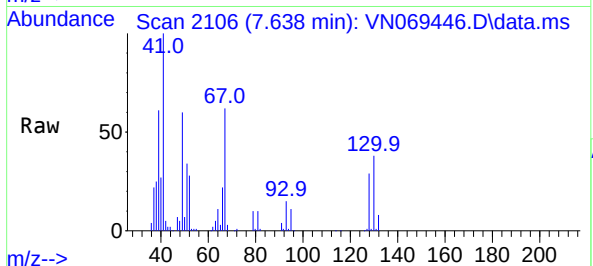
Tgt Ion: 78 Resp: 951933
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7
51 25.2 16.0 24.0#





#35
Methacrylonitrile
Concen: 22.256 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

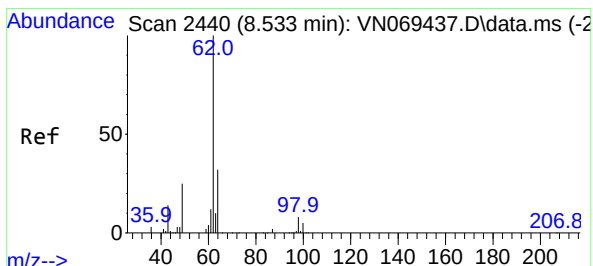
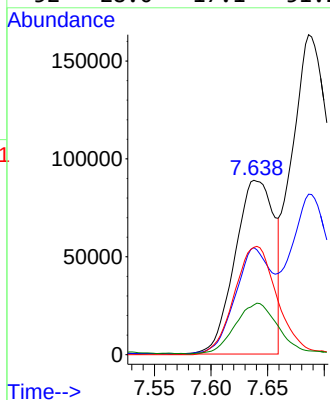
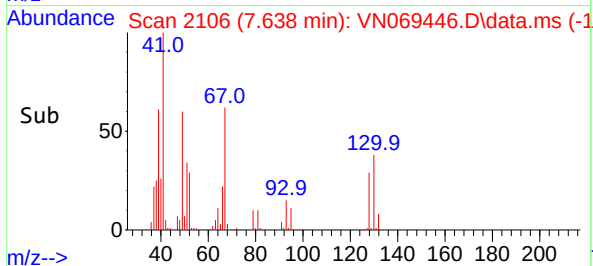
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



Tgt Ion: 41 Resp: 21442
Ion Ratio Lower Upper
41 100
39 61.1 28.0 83.9
67 61.8 37.7 113.1
52 28.0 17.1 51.2

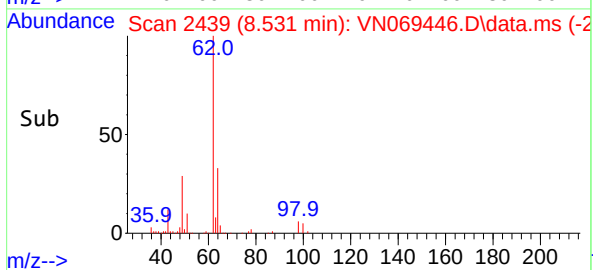
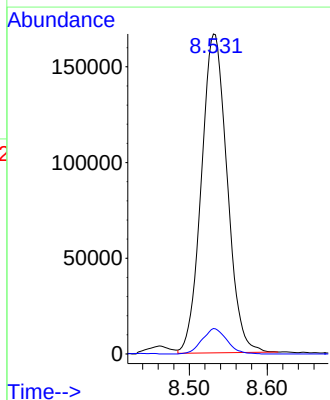
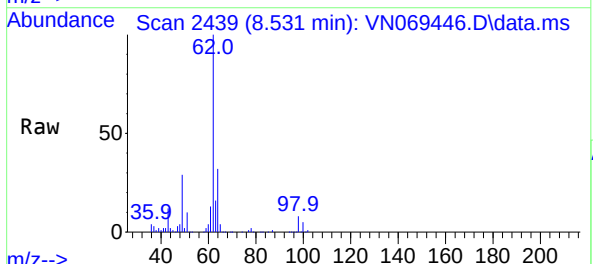
Manual Integrations
APPROVED

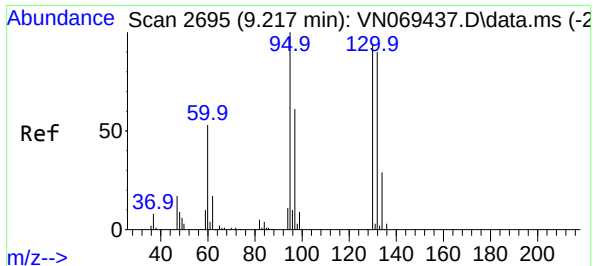
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#36
1,2-Dichloroethane
Concen: 22.513 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Tgt Ion: 62 Resp: 383048
Ion Ratio Lower Upper
62 100
98 7.7 6.6 10.0





#37

Trichloroethene

Concen: 21.339 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN069446.D

Acq: 10 Nov 2021 17:54

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

Tgt Ion:130 Resp: 22751

Ion Ratio Lower Upper

130 100

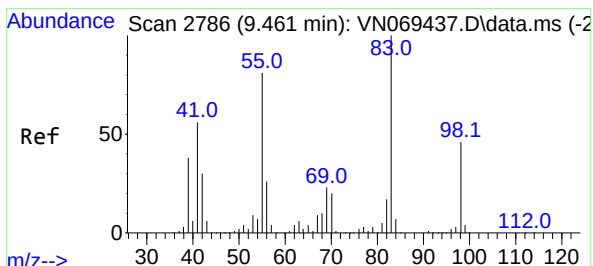
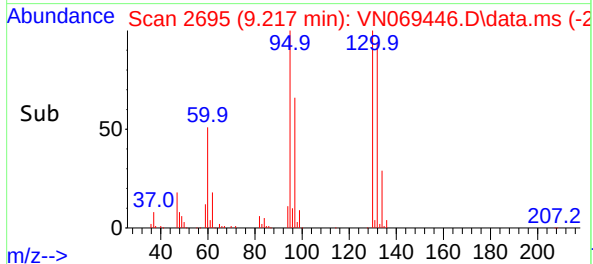
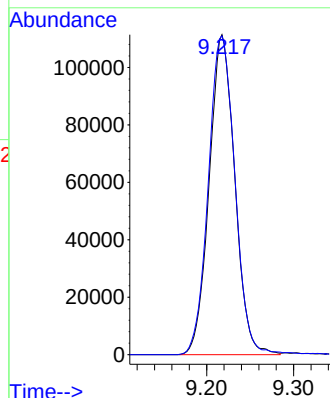
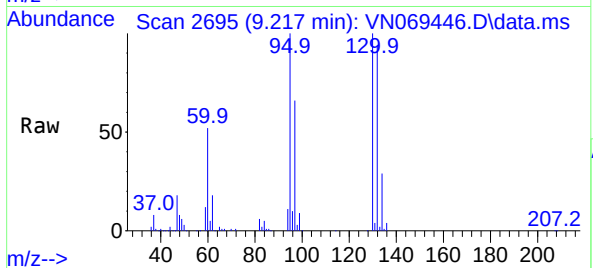
95 99.5 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#38

Methylcyclohexane

Concen: 21.727 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN069446.D

Acq: 10 Nov 2021 17:54

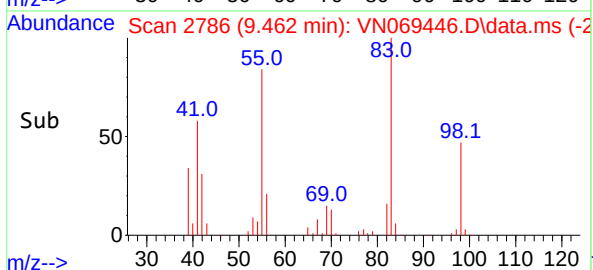
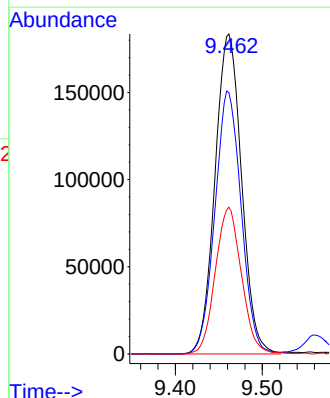
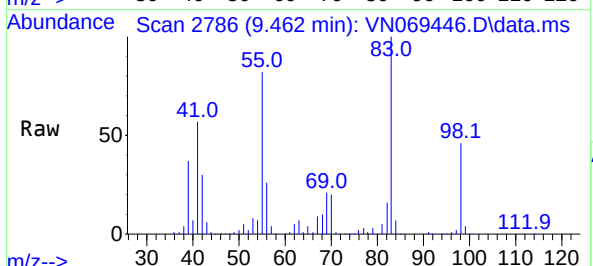
Tgt Ion: 83 Resp: 390103

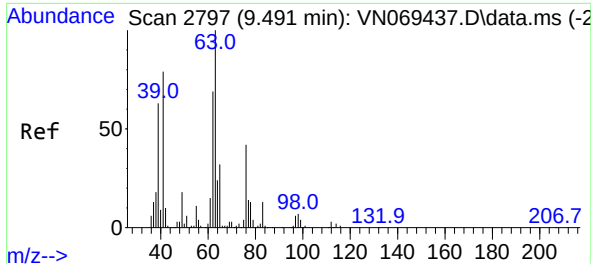
Ion Ratio Lower Upper

83 100

55 81.3 35.1 105.3

98 44.9 23.4 70.2





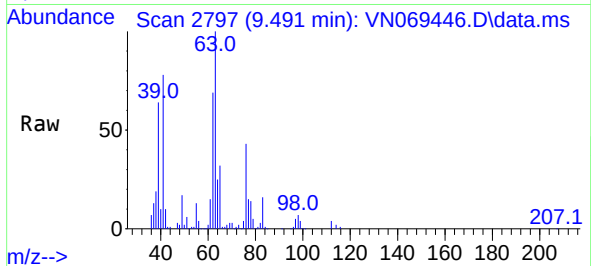
#39
1,2-Dichloropropane
Concen: 21.813 ug/l
RT: 9.491 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

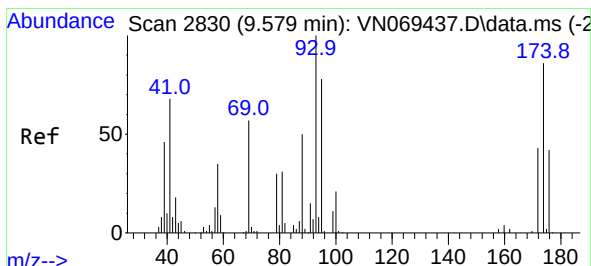
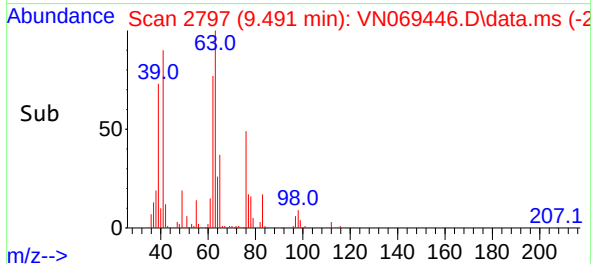
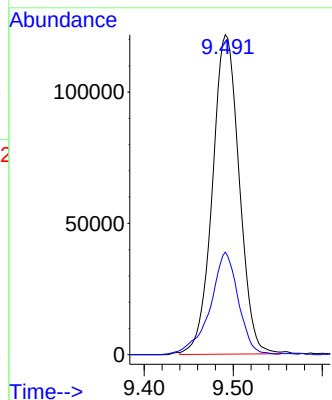


Tgt Ion: 63 Resp: 254964
Ion Ratio Lower Upper
63 100
65 31.9 24.2 36.4

Manual Integrations

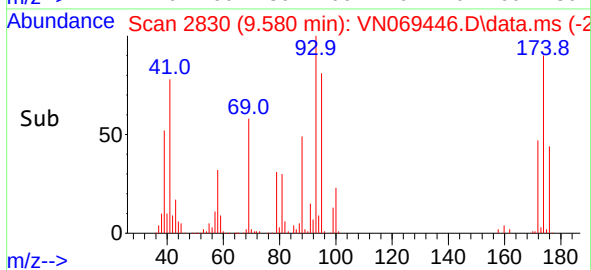
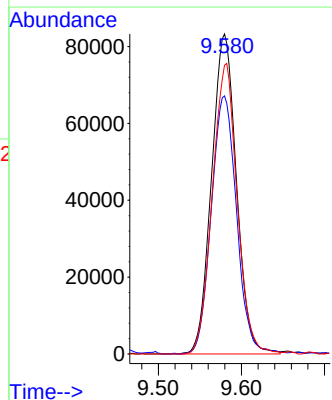
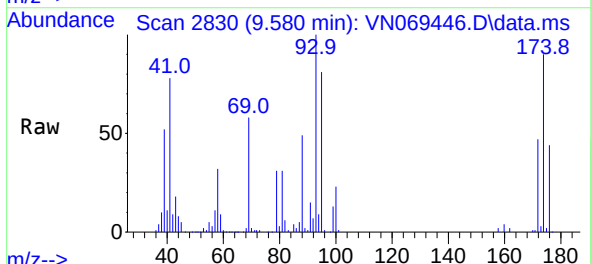
APPROVED

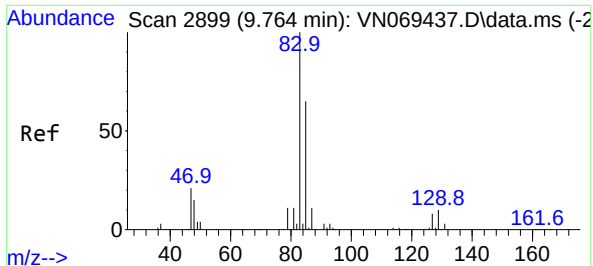
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#40
Dibromomethane
Concen: 22.158 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

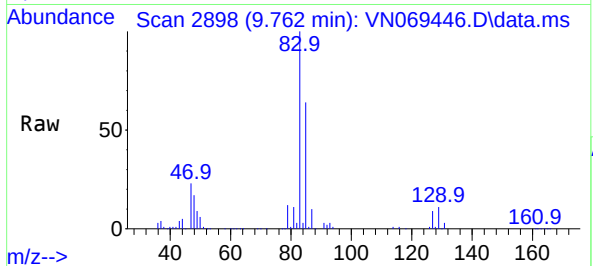
Tgt Ion: 93 Resp: 173457
Ion Ratio Lower Upper
93 100
95 82.1 0.0 168.8
174 90.5 0.0 173.6





#41
Bromodichloromethane
Concen: 21.065 ug/l
RT: 9.762 min Scan# 2899
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

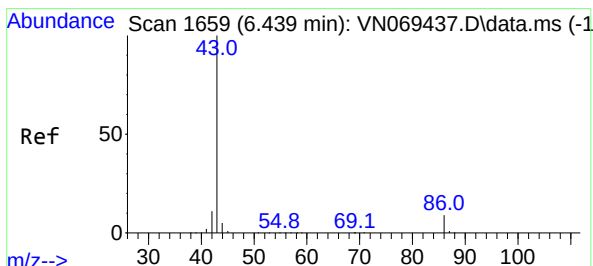
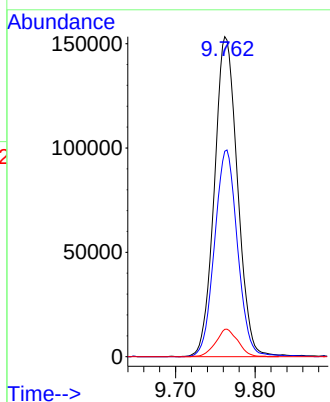
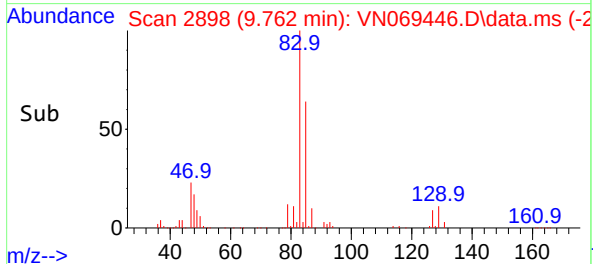
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



Tgt Ion: 83 Resp: 309510
Ion Ratio Lower Upper
83 100
85 64.2 54.1 81.1
127 8.6 7.6 11.4

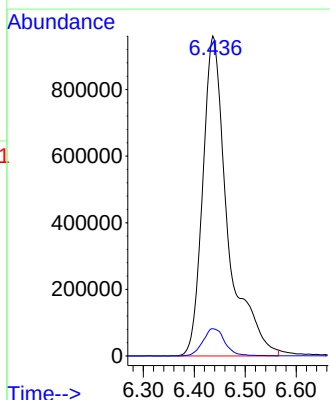
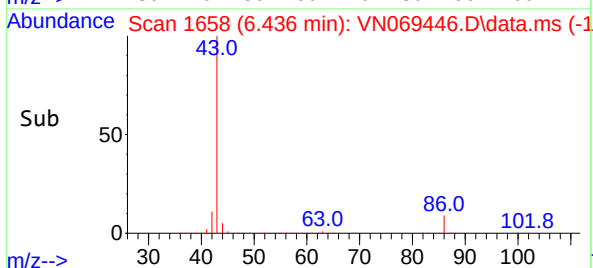
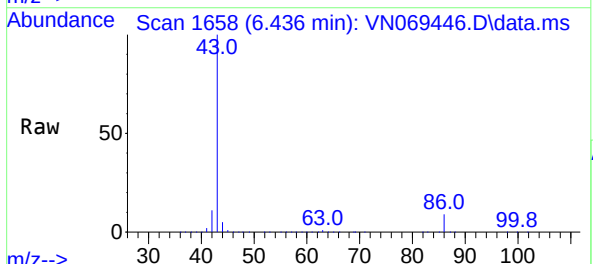
Manual Integrations
APPROVED

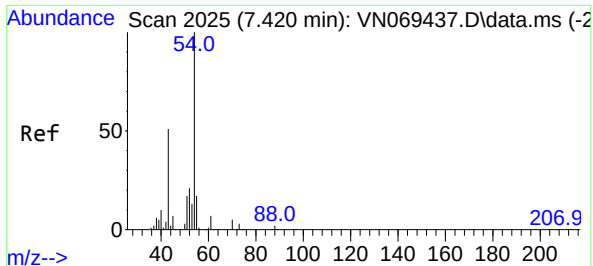
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#42
Vinyl Acetate
Concen: 109.964 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Tgt Ion: 43 Resp: 3264374
Ion Ratio Lower Upper
43 100
86 7.5 7.5 11.3#





#43

Ethyl Acetate

Concen: 20.655 ug/l

RT: 7.418 min Scan# 2024

Delta R.T. 0.006 min

Lab File: VN069446.D

Acq: 10 Nov 2021 17:54

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBSD01

Tgt Ion: 43 Resp: 402080

Ion Ratio Lower Upper

43 100

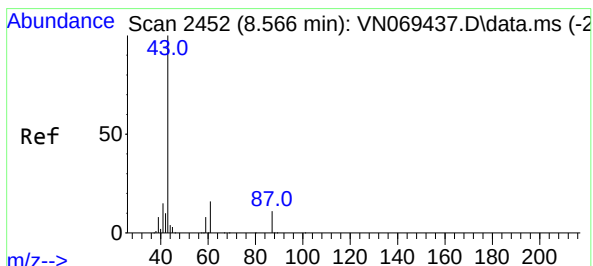
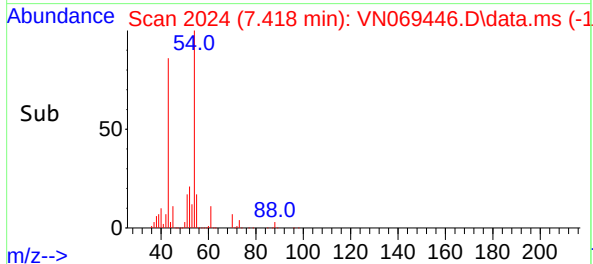
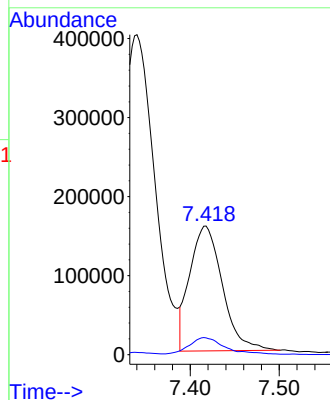
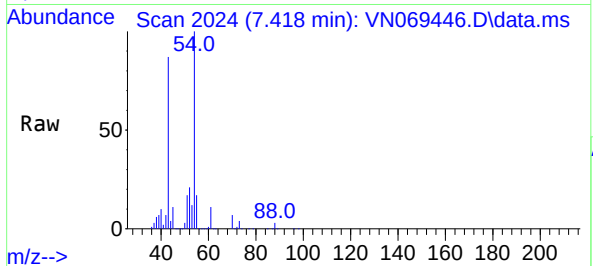
45 12.4 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#44

Isopropyl Acetate

Concen: 22.026 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. 0.003 min

Lab File: VN069446.D

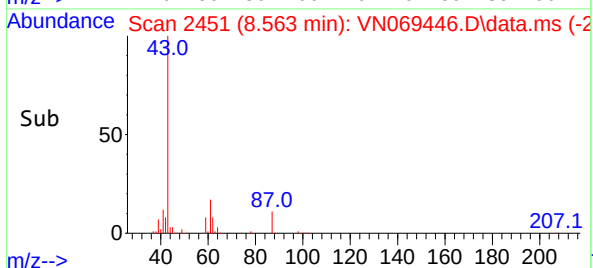
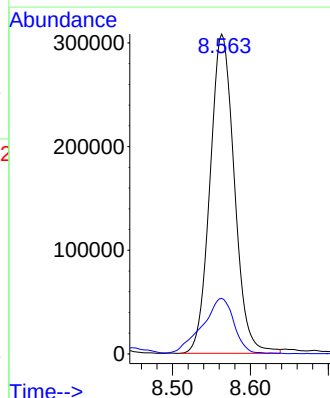
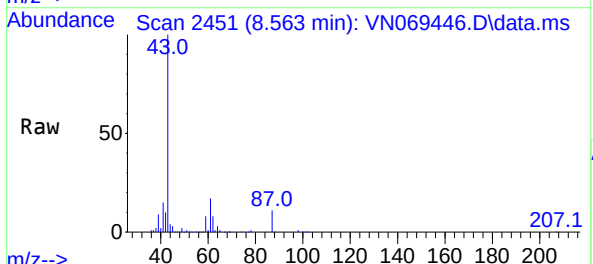
Acq: 10 Nov 2021 17:54

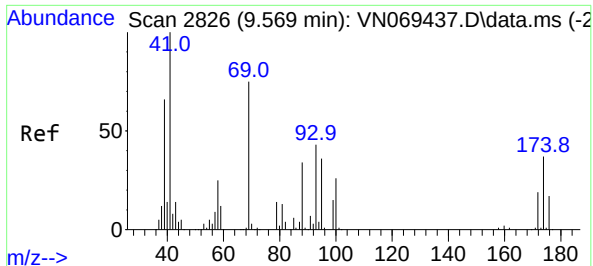
Tgt Ion: 43 Resp: 668491

Ion Ratio Lower Upper

43 100

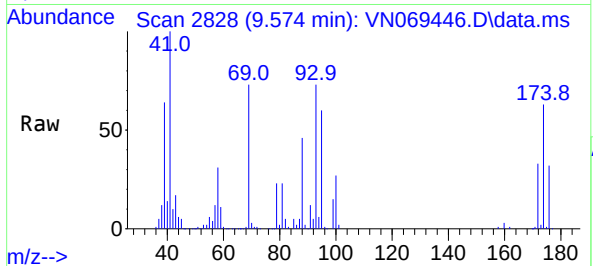
61 22.0 20.1 30.1





#45
1,4-Dioxane
Concen: 409.504 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.006 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

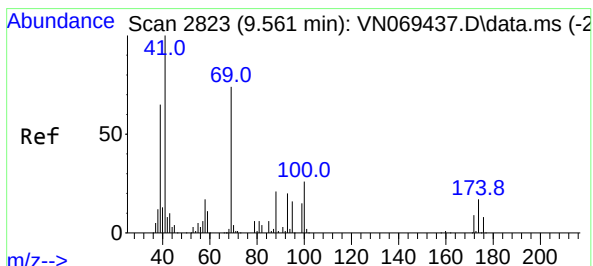
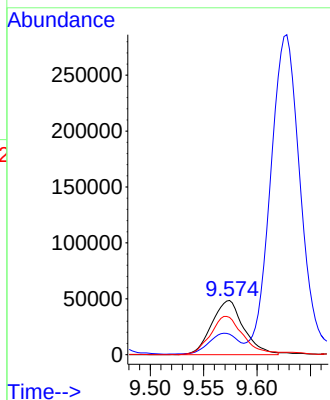
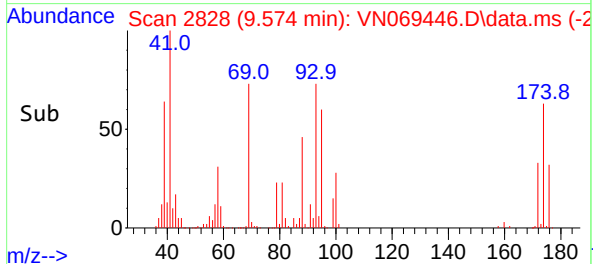
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



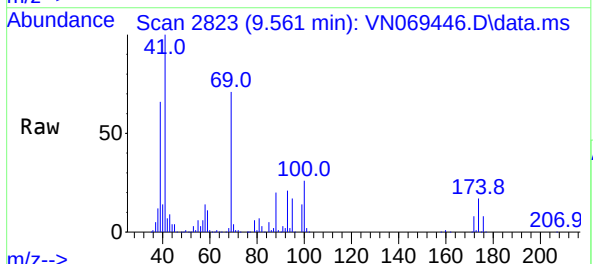
Tgt Ion: 88 Resp: 10088
Ion Ratio Lower Upper
88 100
43 35.4 25.0 37.6
58 72.6 49.4 74.2

Manual Integrations
APPROVED

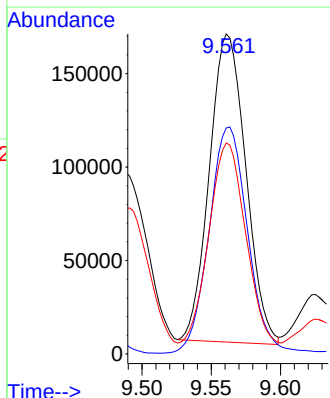
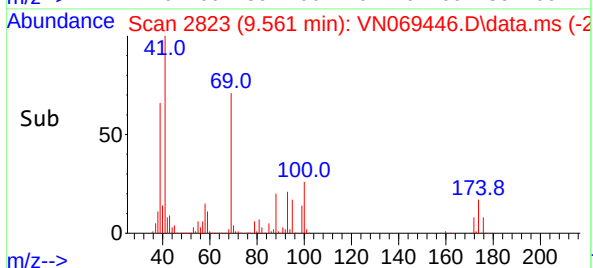
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

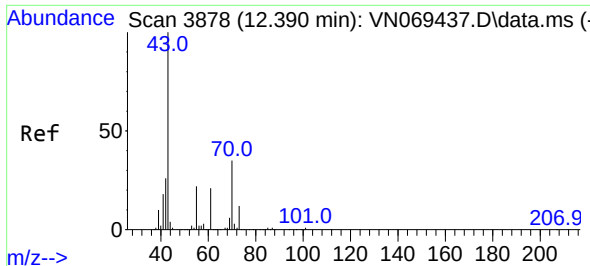


#46
Methyl methacrylate
Concen: 21.560 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



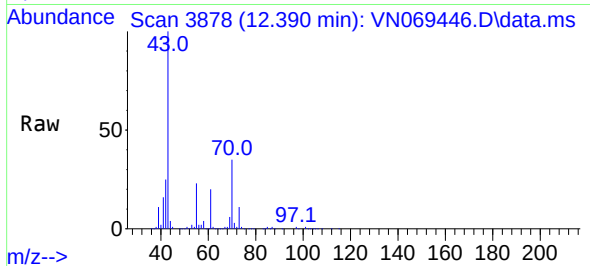
Tgt Ion: 41 Resp: 301361
Ion Ratio Lower Upper
41 100
69 72.6 44.4 133.2
39 65.4 39.9 119.6





#47
n-amyl acetate
Concen: 20.341 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

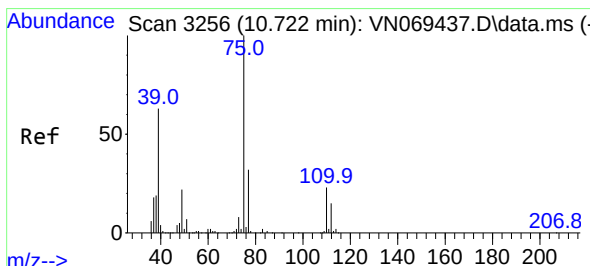
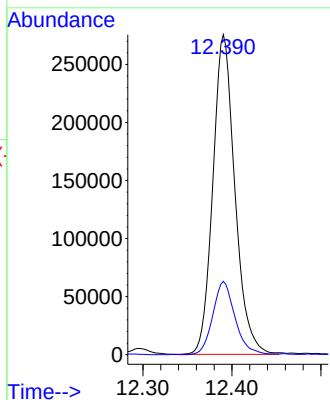
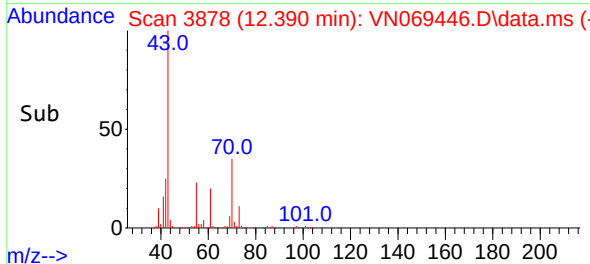
Instrument :
MSVOA_N
Client Sample Id :
VN1110WBSD01



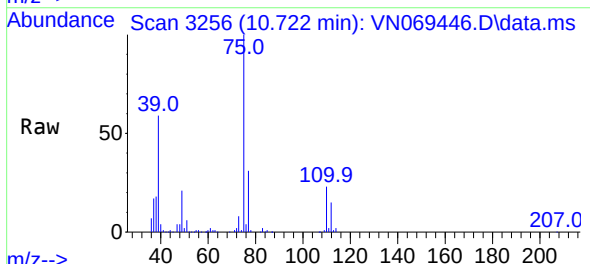
Tgt Ion: 43 Resp: 474059
Ion Ratio Lower Upper
43 100
55 23.1 19.0 28.6

Manual Integrations
APPROVED

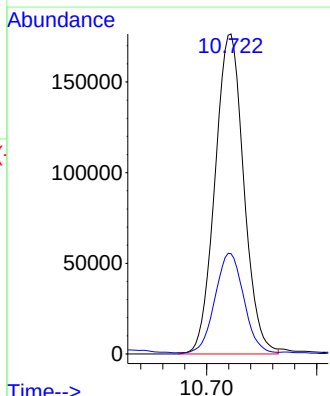
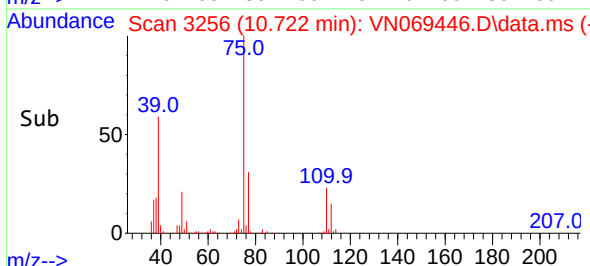
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

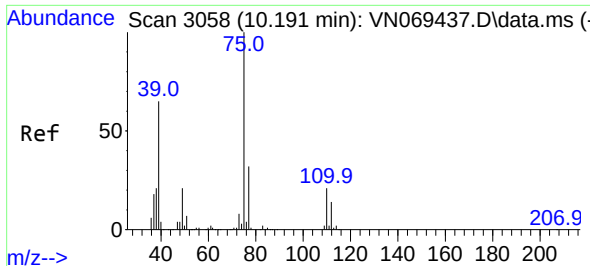


#48
t-1,3-Dichloropropene
Concen: 20.369 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



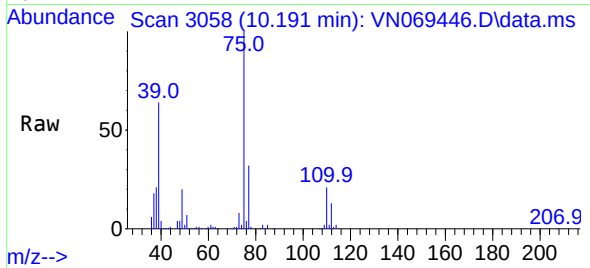
Tgt Ion: 75 Resp: 321180
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 20.814 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

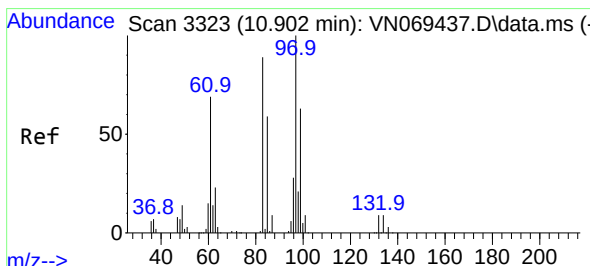
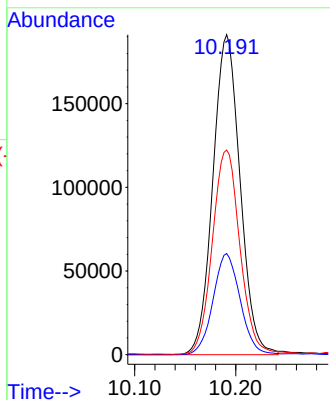
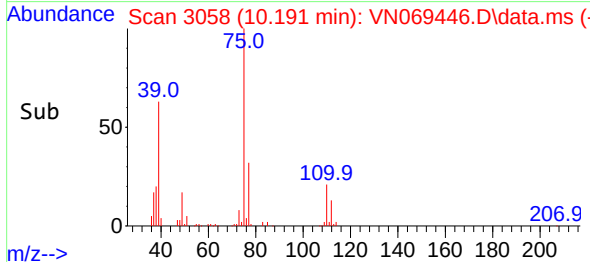
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



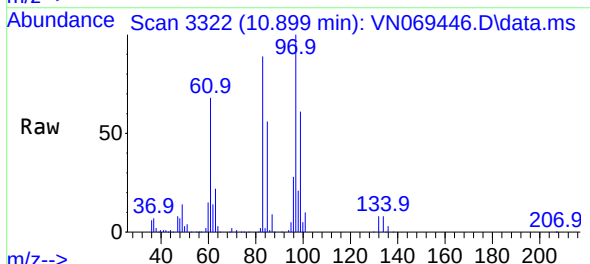
Tgt Ion: 75 Resp: 357132
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 63.8 46.2 69.4

Manual Integrations
APPROVED

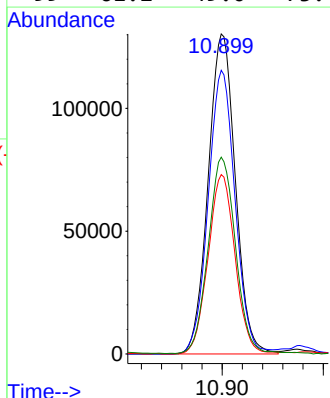
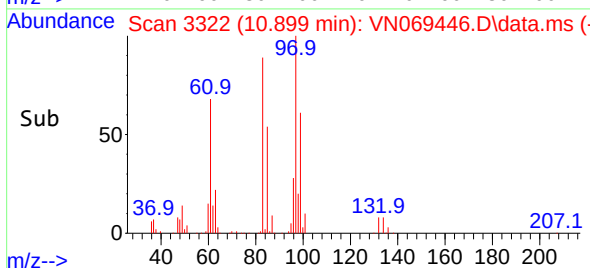
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

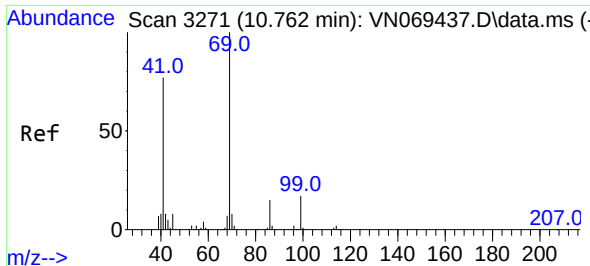


#50
1,1,2-Trichloroethane
Concen: 21.908 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



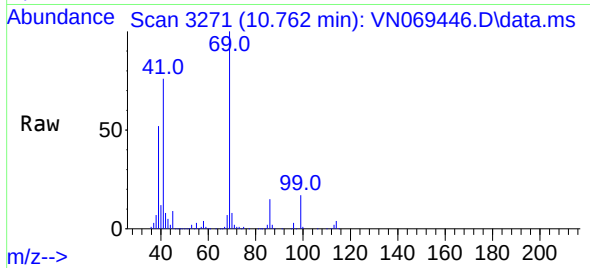
Tgt Ion: 97 Resp: 243533
Ion Ratio Lower Upper
97 100
83 88.5 67.2 100.8
85 55.9 43.0 64.4
99 61.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.914 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

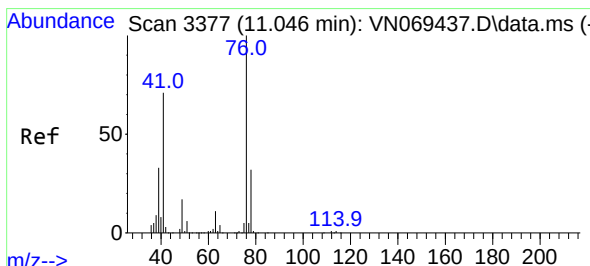
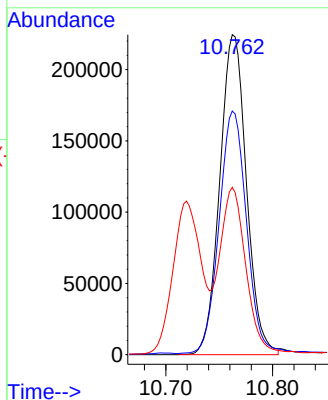
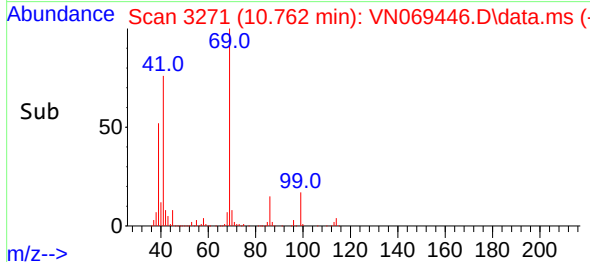
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



Tgt Ion: 69 Resp: 38978
Ion Ratio Lower Upper
69 100
41 75.8 33.0 98.9
39 51.0 25.4 76.4

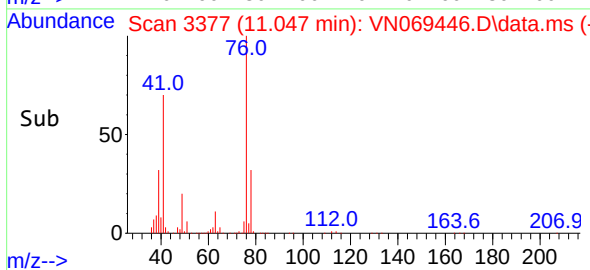
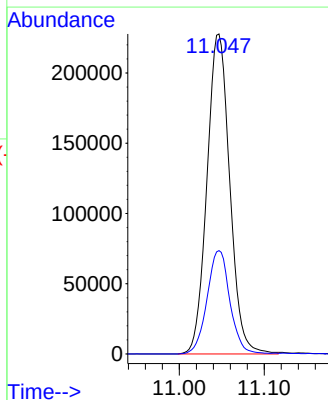
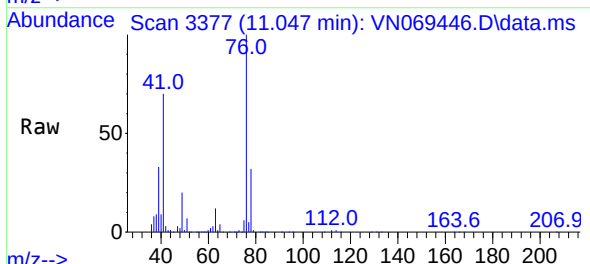
Manual Integrations
APPROVED

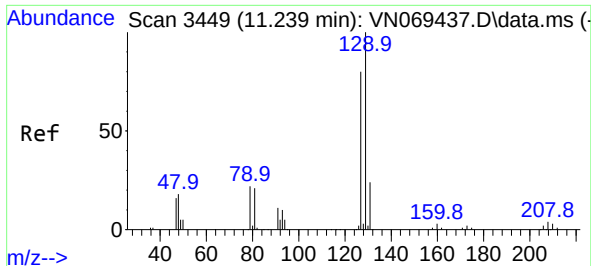
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#52
1,3-Dichloropropane
Concen: 22.138 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Tgt Ion: 76 Resp: 425089
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





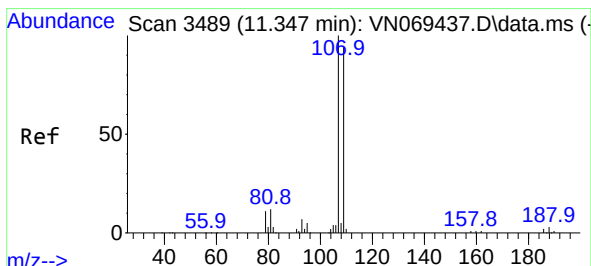
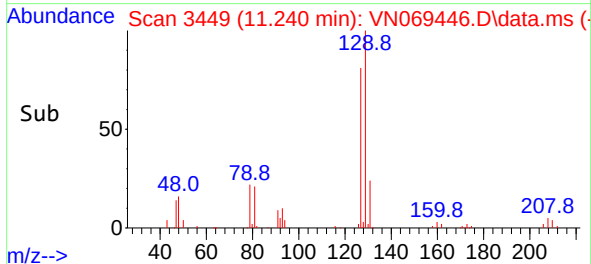
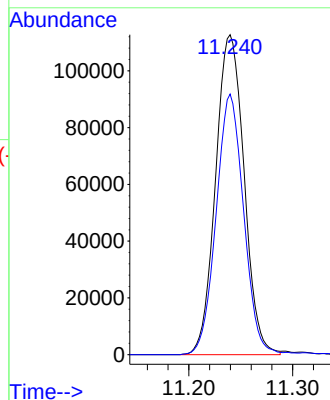
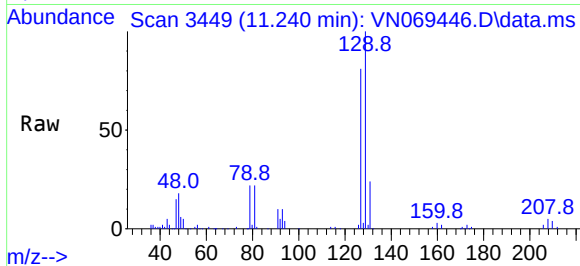
#53
Dibromochloromethane
Concen: 20.257 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion:129 Resp: 215179
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0

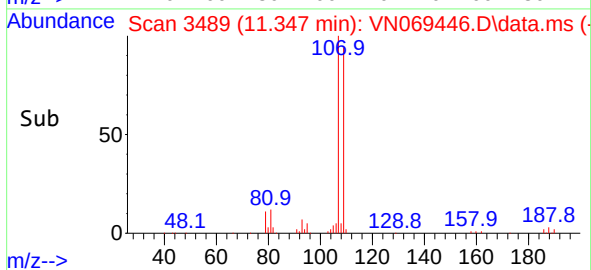
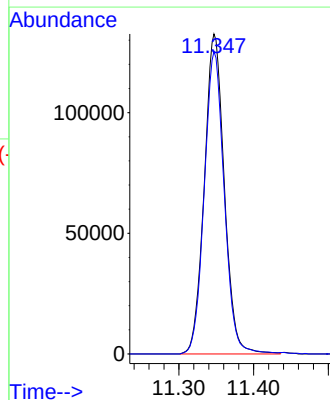
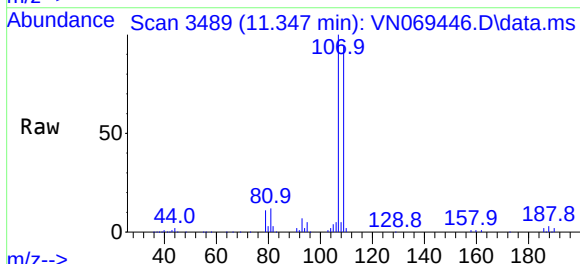
Manual Integrations
APPROVED

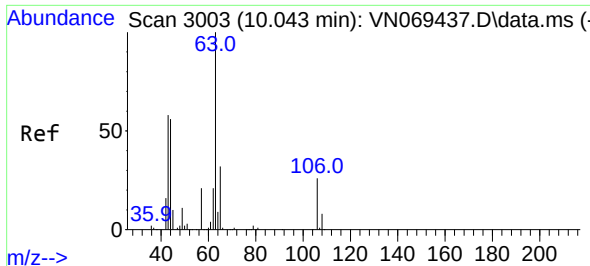
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#54
1,2-Dibromoethane
Concen: 21.434 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

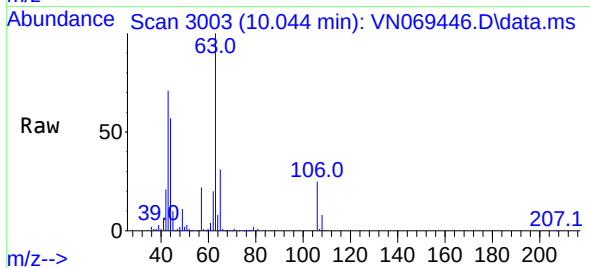
Tgt Ion:107 Resp: 246761
Ion Ratio Lower Upper
107 100
109 93.9 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 85.779 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

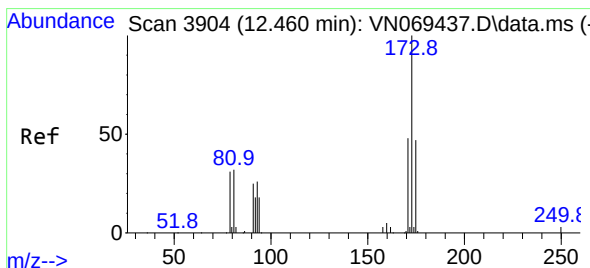
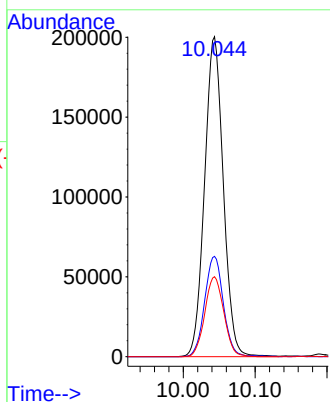
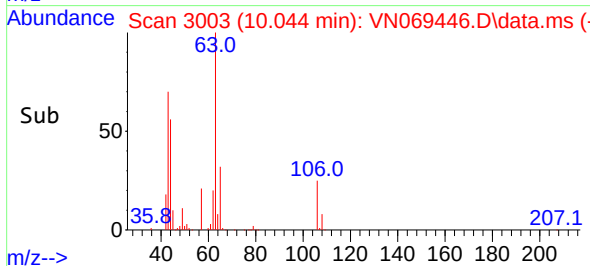
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



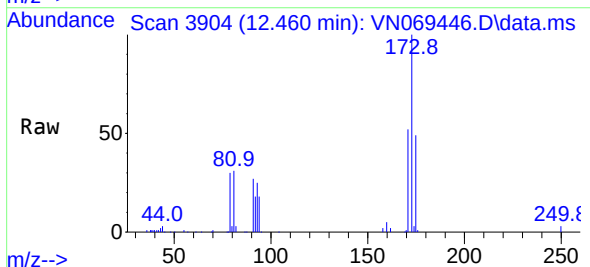
Tgt Ion: 63 Resp: 36364
Ion Ratio Lower Upper
63 100
65 31.2 25.4 38.0
106 25.3 23.2 34.8

Manual Integrations
APPROVED

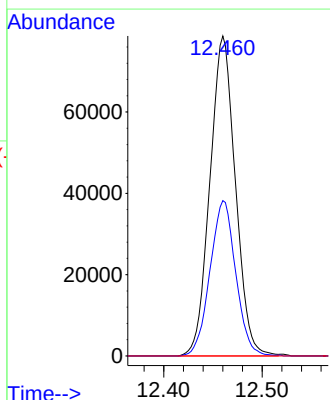
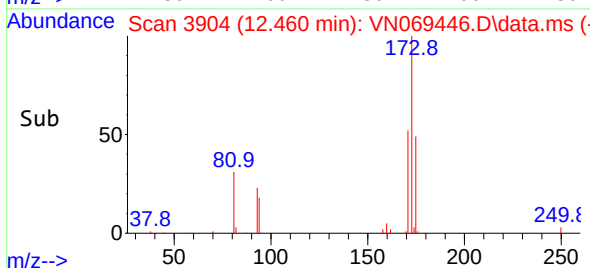
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

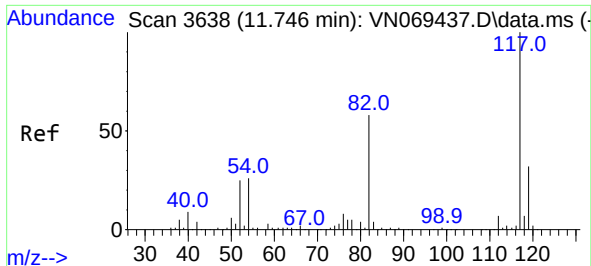


#56
Bromoform
Concen: 18.641 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



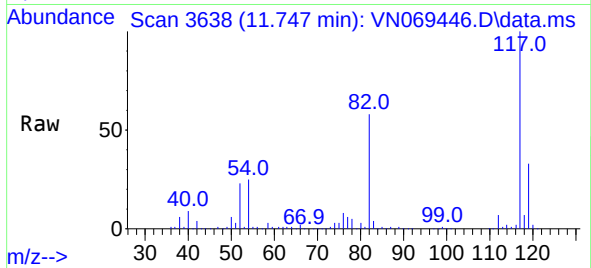
Tgt Ion:173 Resp: 141993
Ion Ratio Lower Upper
173 100
175 49.0 38.6 58.0
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

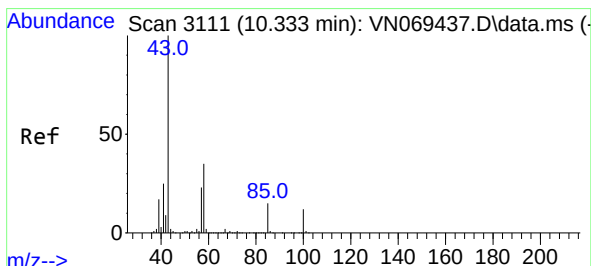
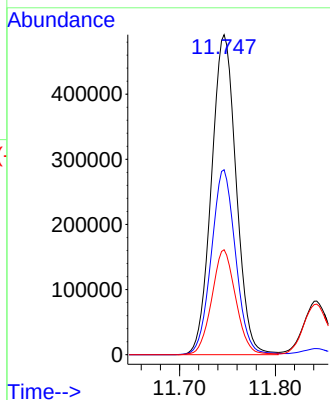
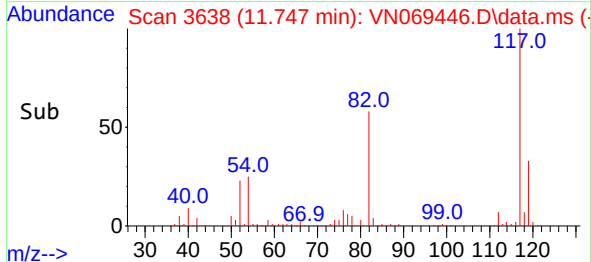
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



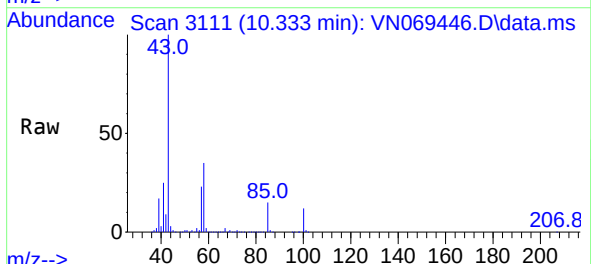
Tgt Ion: 117 Resp: 879510
Ion Ratio Lower Upper
117 100
82 56.9 43.6 65.4
119 31.8 25.8 38.6

Manual Integrations
APPROVED

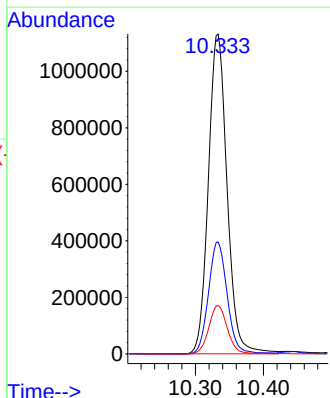
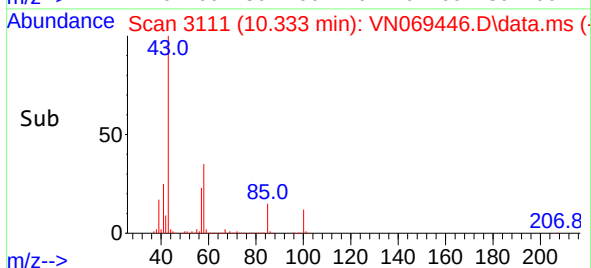
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

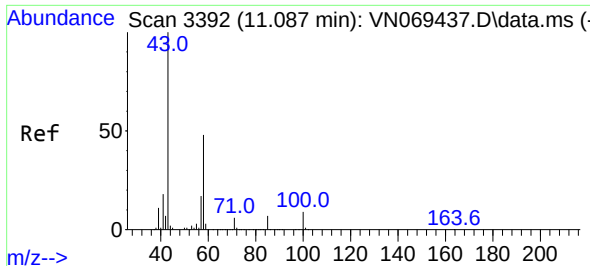


#58
4-Methyl-2-Pentanone
Concen: 112.238 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



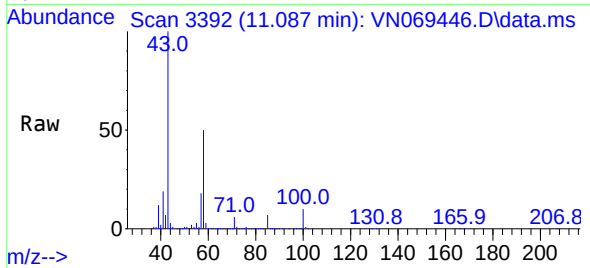
Tgt Ion: 43 Resp: 2166860
Ion Ratio Lower Upper
43 100
58 34.8 30.0 45.0
85 15.1 15.0 22.6





#59
2-Hexanone
Concen: 104.929 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

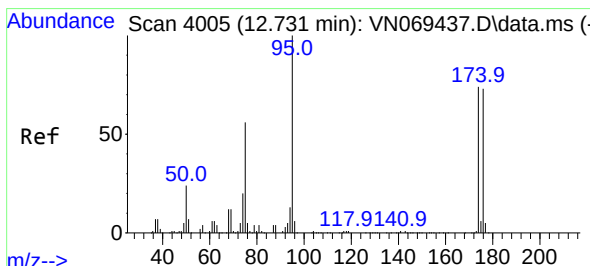
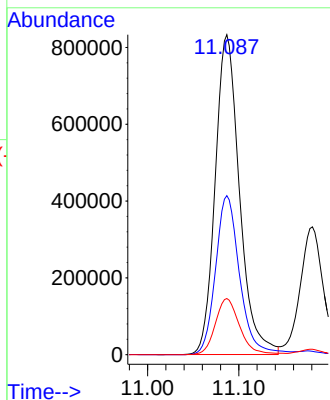
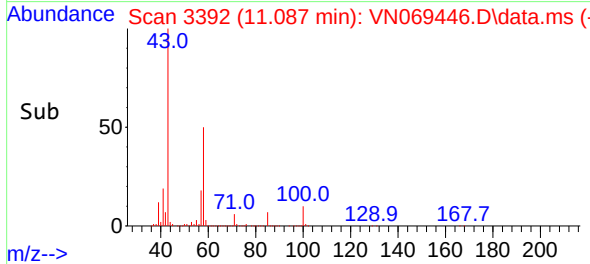
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



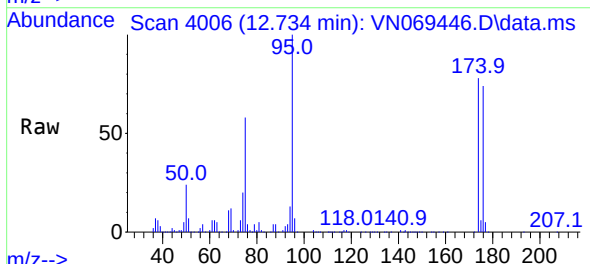
Tgt Ion: 43 Resp: 154092
Ion Ratio Lower Upper
43 100
58 49.5 42.2 63.2
57 17.6 15.0 22.4

Manual Integrations
APPROVED

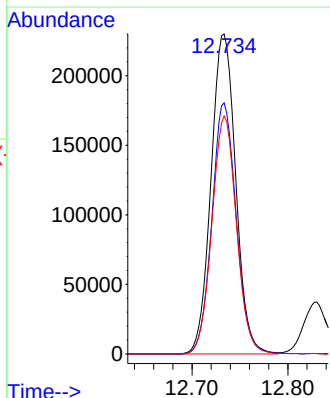
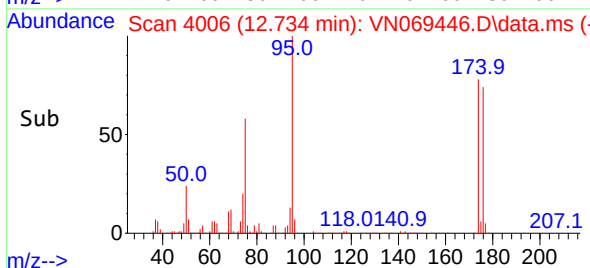
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

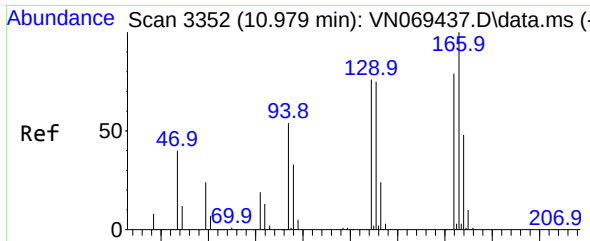


#60
4-Bromofluorobenzene
Concen: 29.175 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



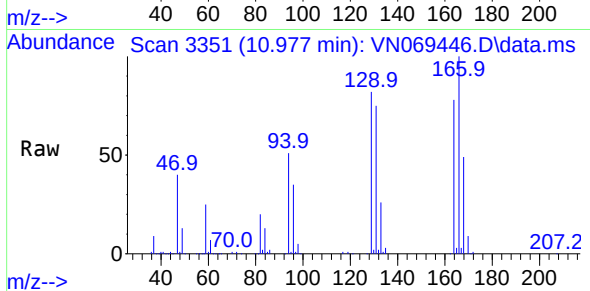
Tgt Ion: 95 Resp: 410626
Ion Ratio Lower Upper
95 100
174 77.4 62.9 94.3
176 73.9 61.0 91.4





#61
Tetrachloroethene
Concen: 21.677 ug/l
RT: 10.977 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

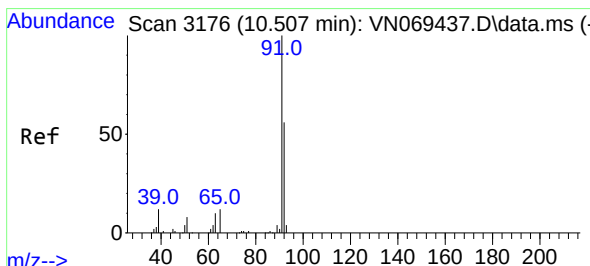
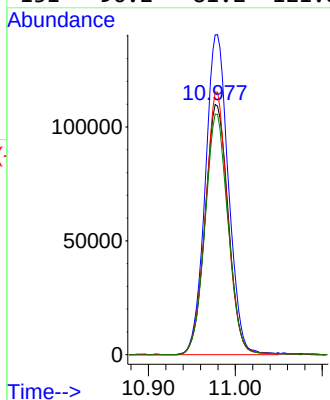
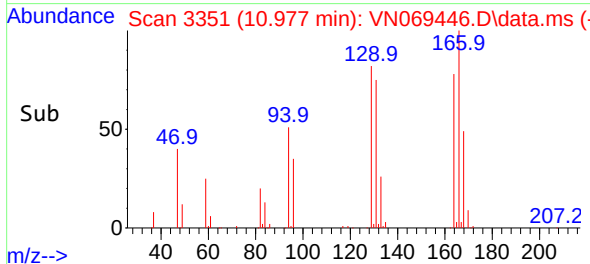
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



Tgt Ion:164 Resp: 20462
Ion Ratio Lower Upper
164 100
166 127.6 105.8 158.8
129 104.9 82.5 123.7
131 96.2 81.2 121.8

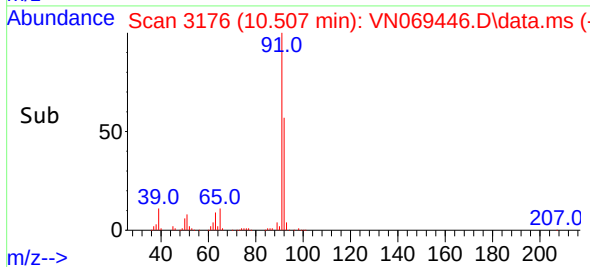
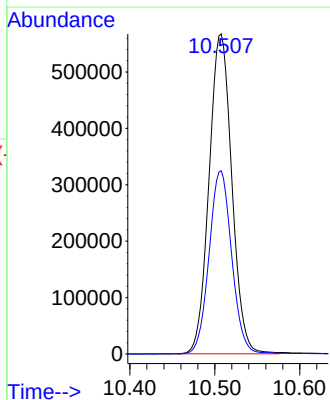
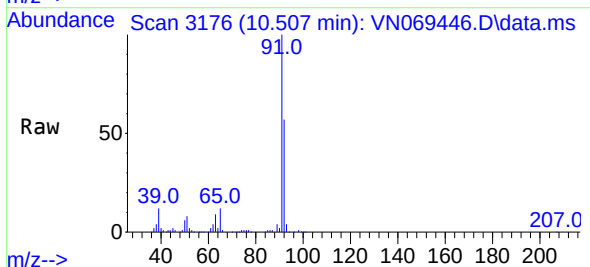
Manual Integrations
APPROVED

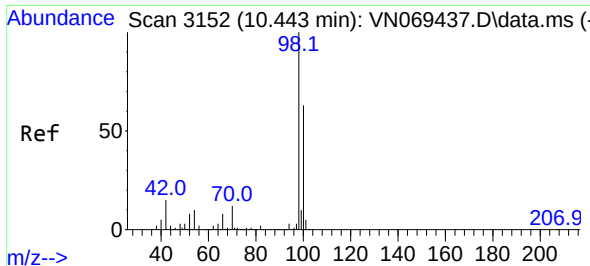
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#62
Toluene
Concen: 21.875 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

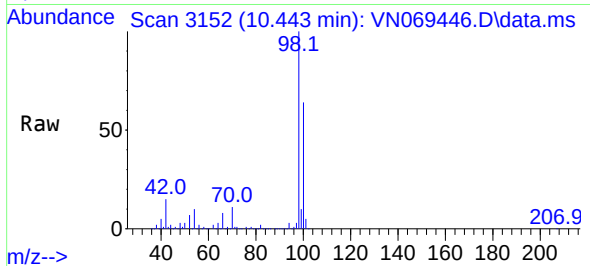
Tgt Ion: 91 Resp: 1057244
Ion Ratio Lower Upper
91 100
92 56.8 44.6 67.0





#63
Toluene-d8
Concen: 30.188 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

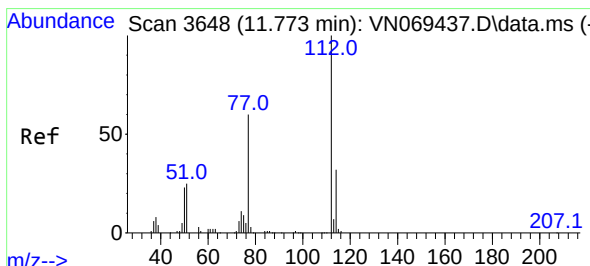
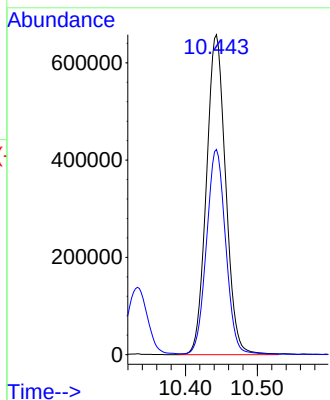
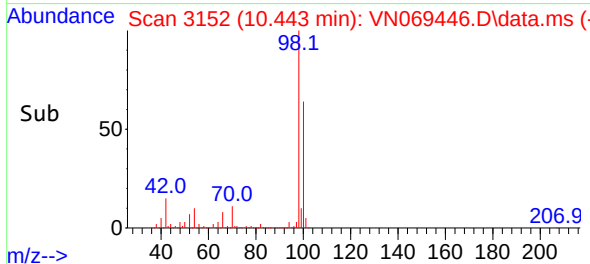
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



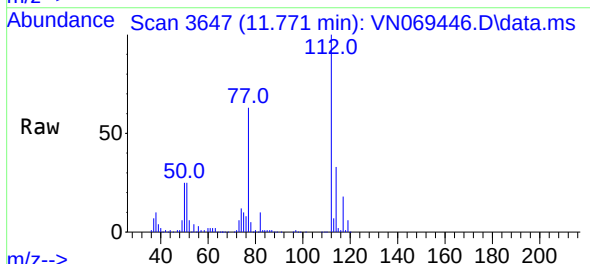
Tgt Ion: 98 Resp: 122591
Ion Ratio Lower Upper
98 100
100 63.7 50.6 76.0

Manual Integrations
APPROVED

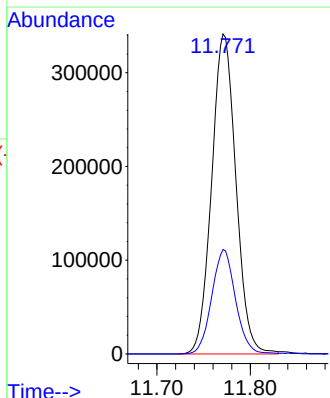
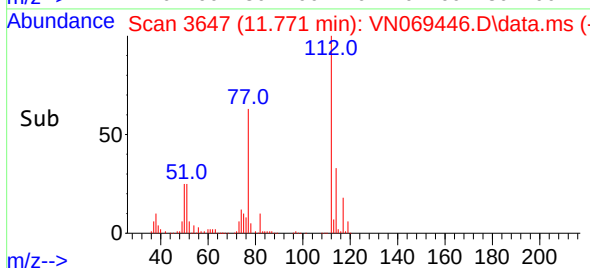
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

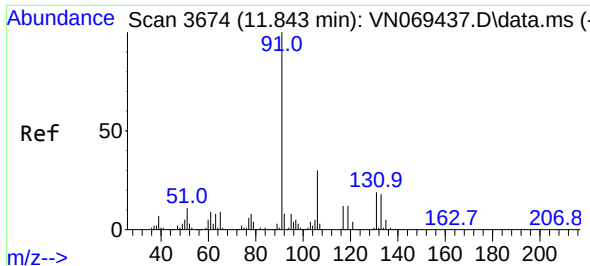


#64
Chlorobenzene
Concen: 21.266 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



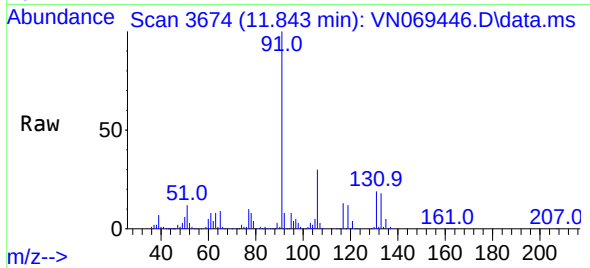
Tgt Ion:112 Resp: 616651
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 21.470 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

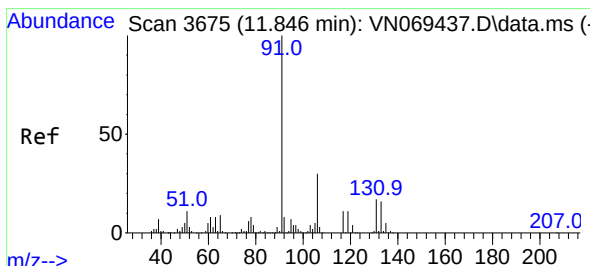
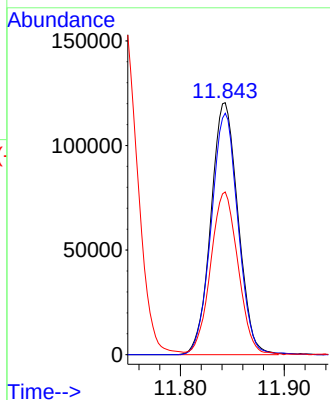
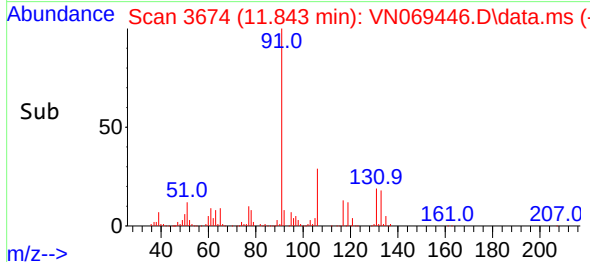
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



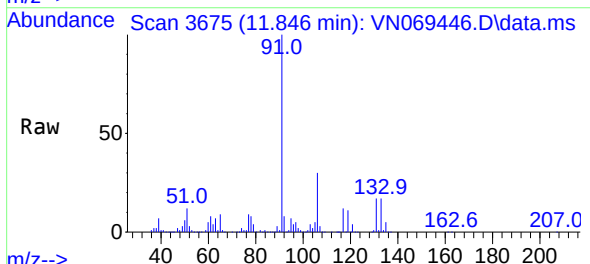
Tgt Ion:131 Resp: 219172
Ion Ratio Lower Upper
131 100
133 94.4 0.0 191.2
119 63.0 0.0 128.8

Manual Integrations
APPROVED

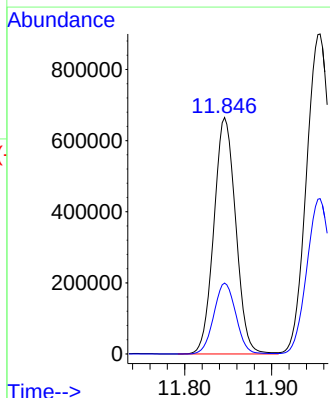
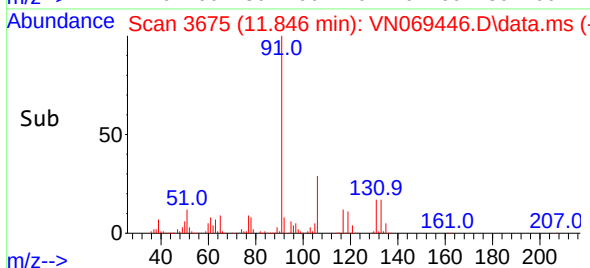
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

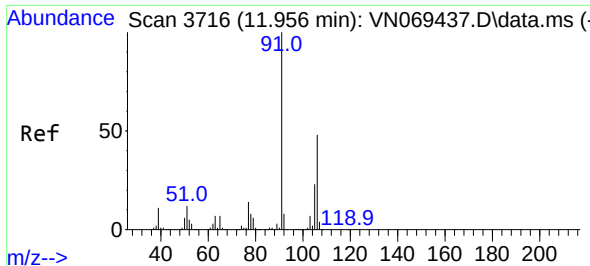


#66
Ethyl Benzene
Concen: 21.707 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



Tgt Ion: 91 Resp: 1161245
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0





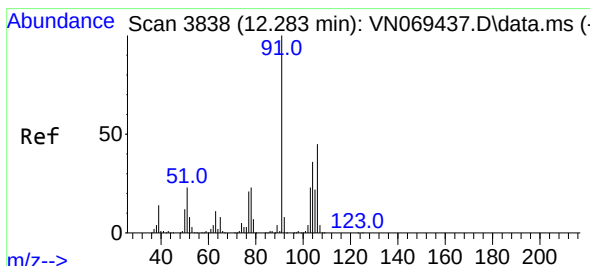
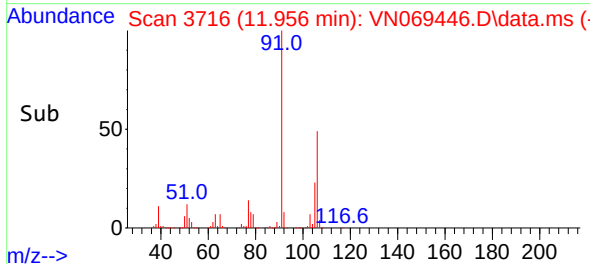
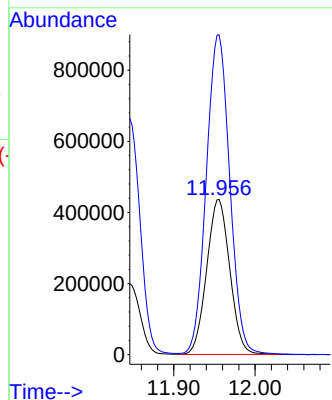
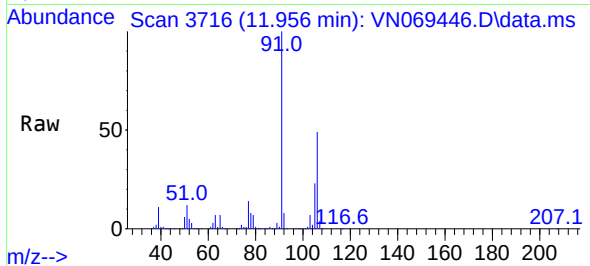
#67
m/p-Xylenes
Concen: 43.346 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion:106 Resp: 861259
Ion Ratio Lower Upper
106 100
91 209.0 162.9 244.3

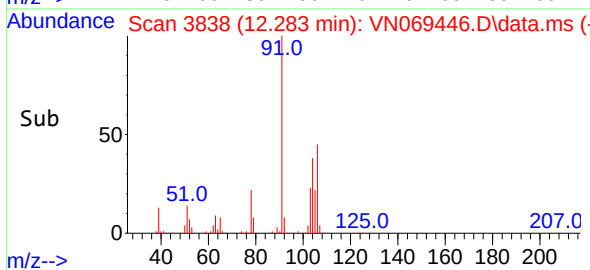
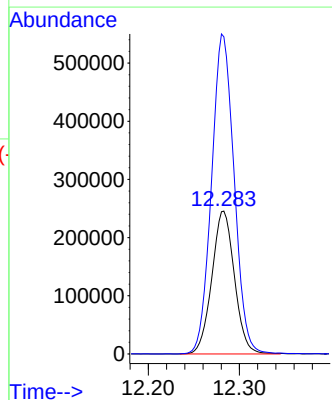
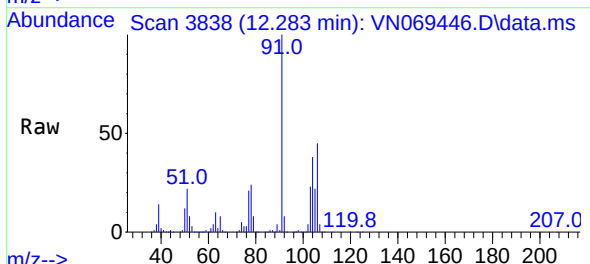
Manual Integrations
APPROVED

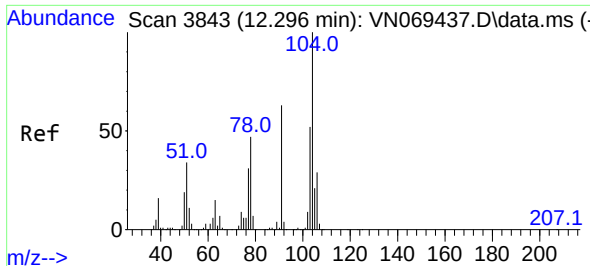
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#68
o-Xylene
Concen: 21.233 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

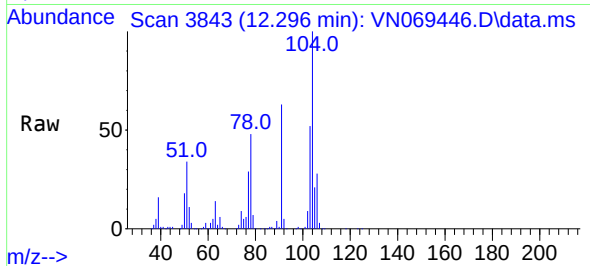
Tgt Ion:106 Resp: 422428
Ion Ratio Lower Upper
106 100
91 223.8 107.7 323.1





#69
Styrene
Concen: 21.340 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

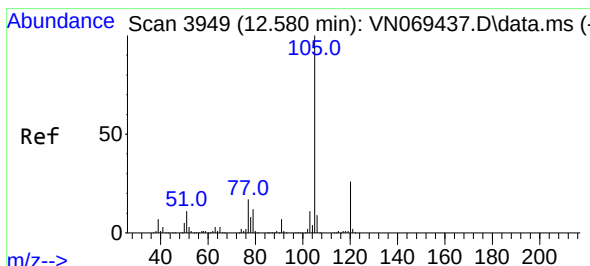
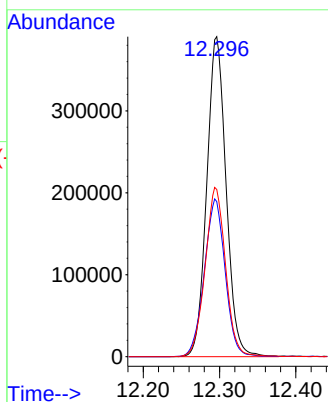
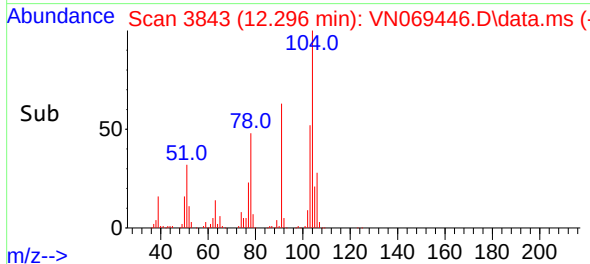
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



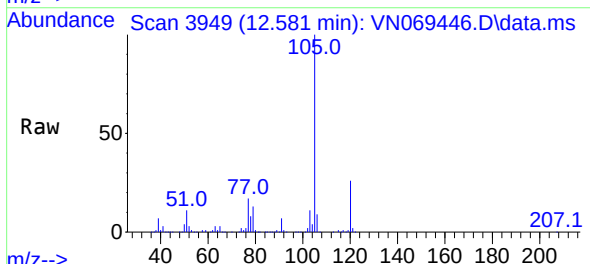
Tgt Ion:104 Resp: 68829
Ion Ratio Lower Upper
104 100
78 53.1 40.7 61.1
103 55.9 45.8 68.8

Manual Integrations
APPROVED

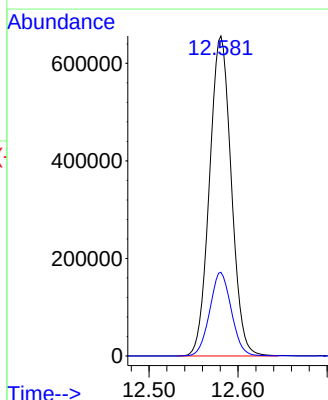
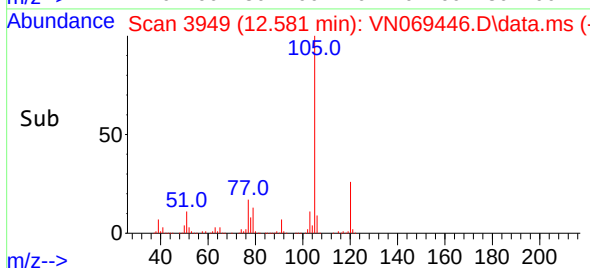
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

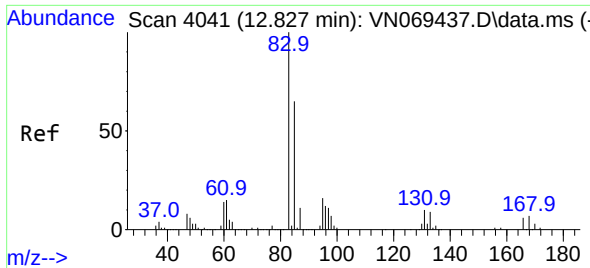


#70
Isopropylbenzene
Concen: 21.454 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



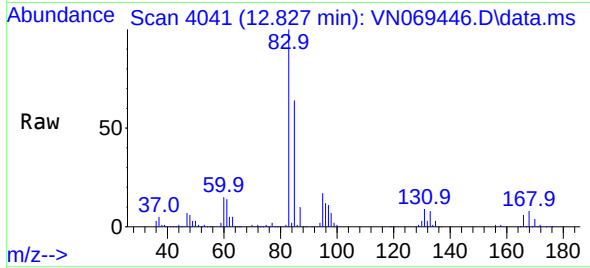
Tgt Ion:105 Resp: 1116208
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 22.258 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

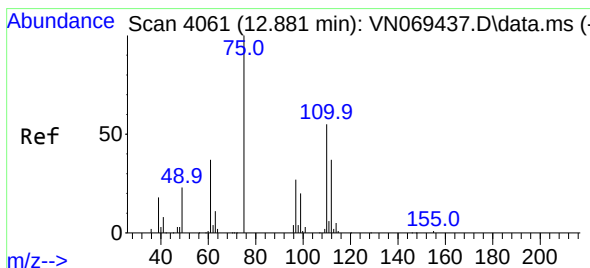
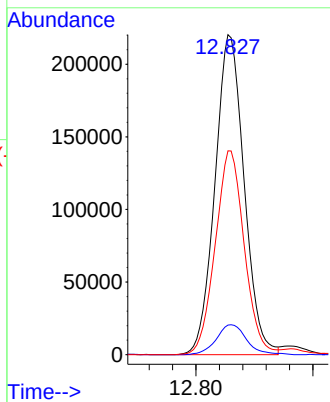
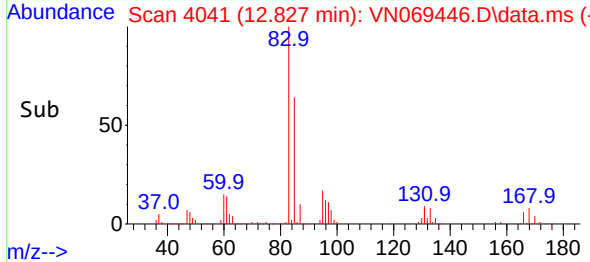
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



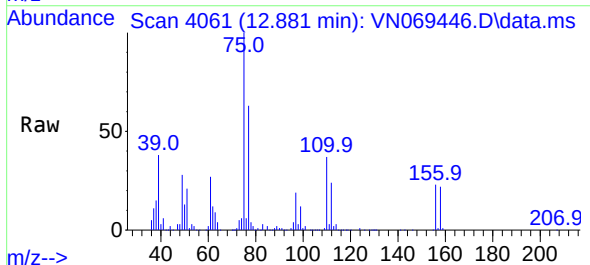
Tgt Ion: 83 Resp: 382130
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 63.5 33.1 99.2

Manual Integrations
APPROVED

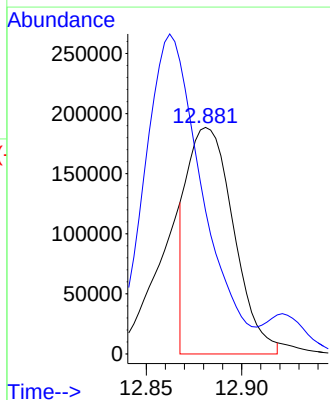
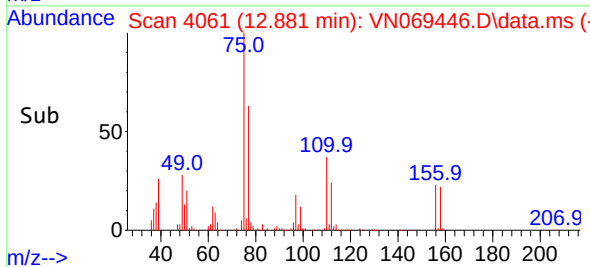
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

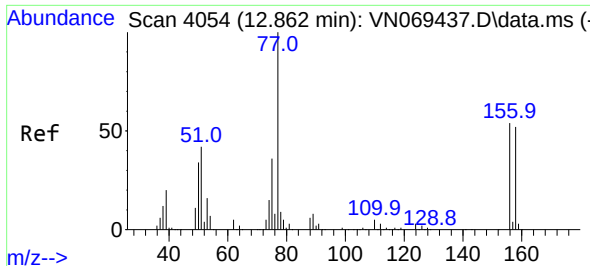


#72
1,2,3-Trichloropropane
Concen: 18.950 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



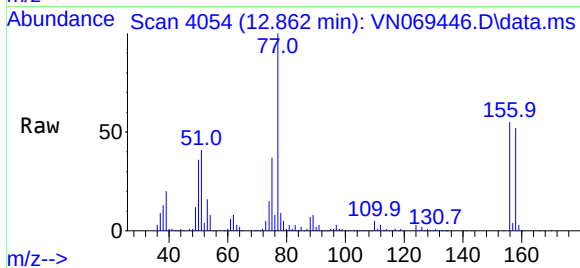
Tgt Ion: 75 Resp: 316928
Ion Ratio Lower Upper
75 100
77 177.7 0.0 378.0





#73
Bromobenzene
Concen: 21.558 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

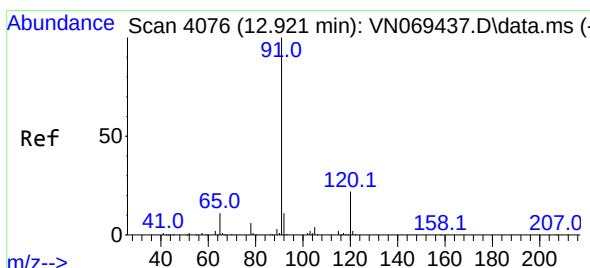
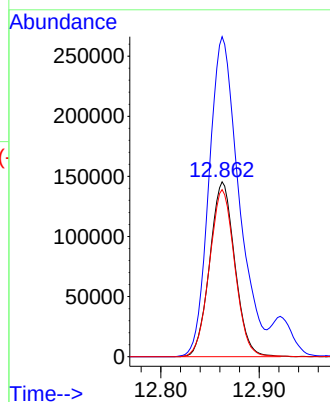
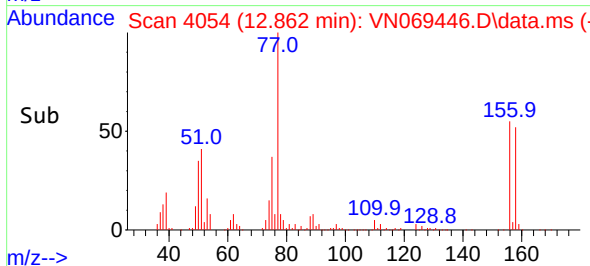
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



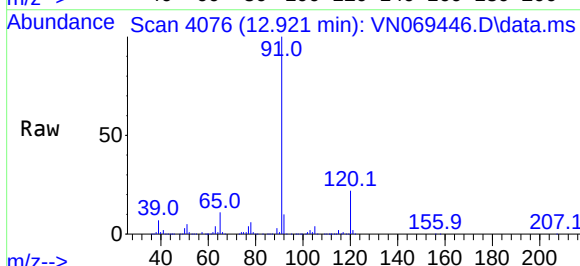
Tgt Ion:156 Resp: 258558
Ion Ratio Lower Upper
156 100
77 217.8 0.0 416.0
158 96.4 0.0 195.4

Manual Integrations
APPROVED

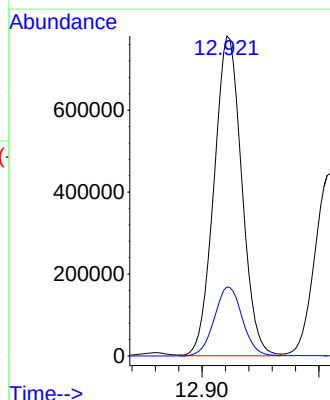
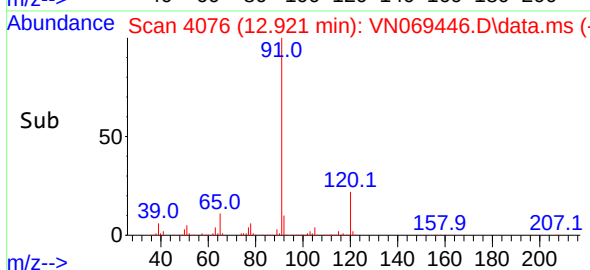
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

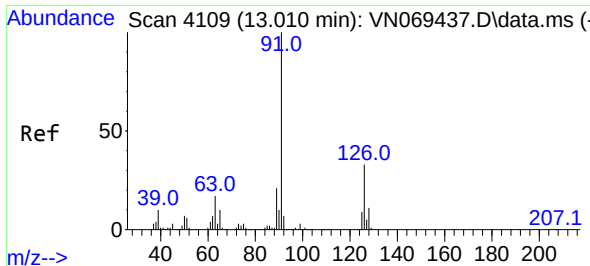


#74
n-propylbenzene
Concen: 21.517 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



Tgt Ion: 91 Resp: 1285696
Ion Ratio Lower Upper
91 100
120 21.8 0.0 45.0





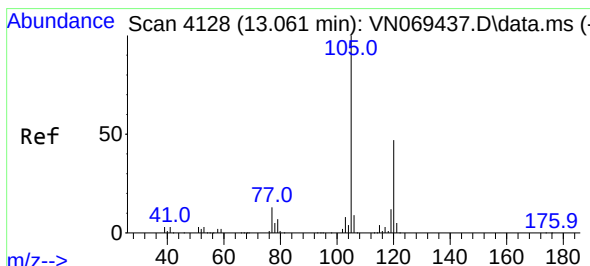
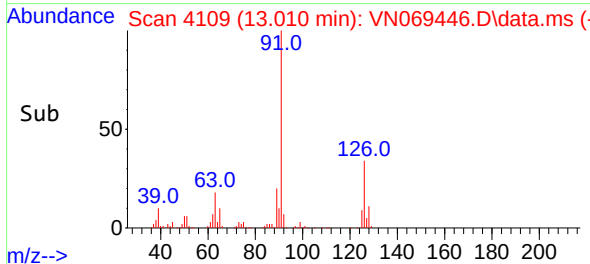
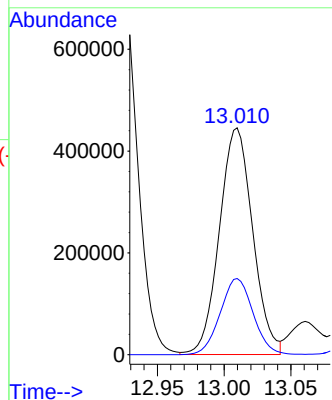
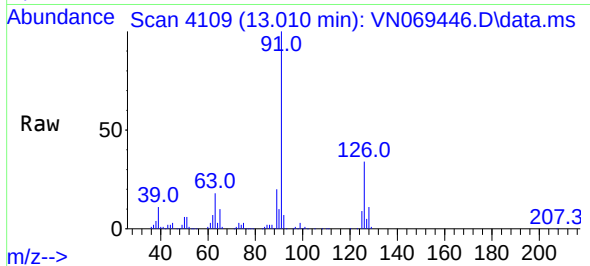
#75
2-Chlorotoluene
Concen: 21.307 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion: 91 Resp: 775020
Ion Ratio Lower Upper
91 100
126 33.2 0.0 69.8

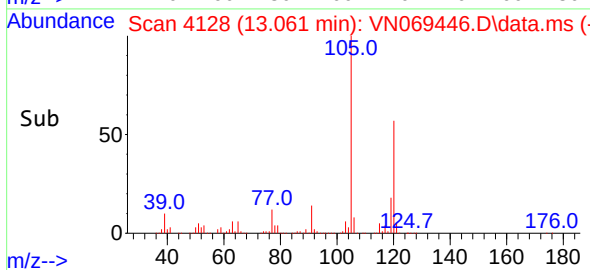
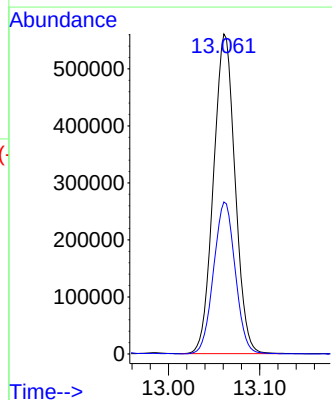
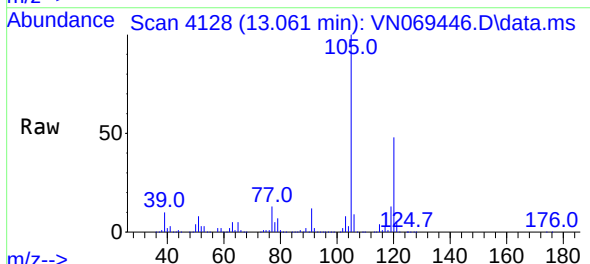
Manual Integrations
APPROVED

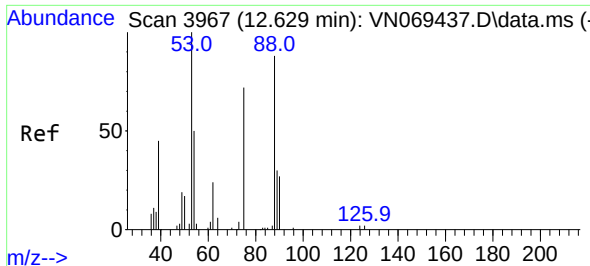
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#76
1,3,5-Trimethylbenzene
Concen: 21.601 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Tgt Ion:105 Resp: 922429
Ion Ratio Lower Upper
105 100
120 47.7 0.0 93.8





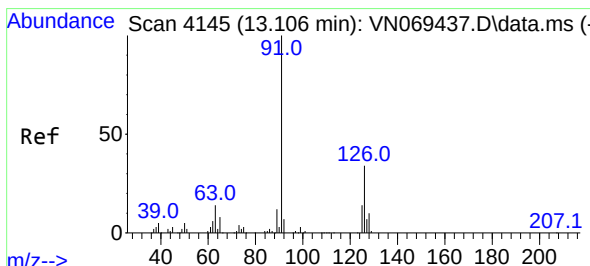
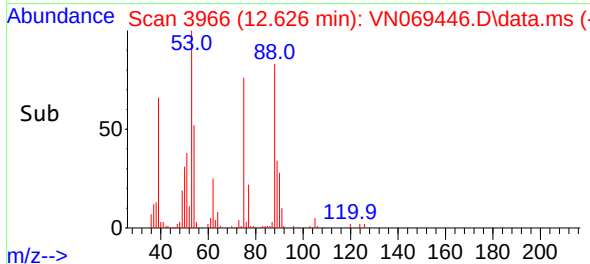
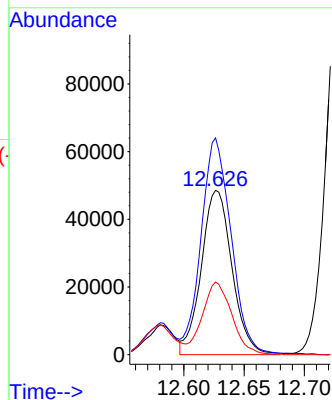
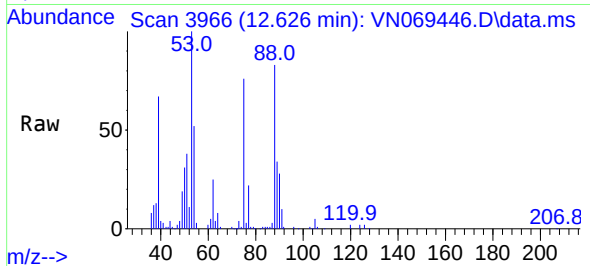
#77
t-1,4-Dichloro-2-butene
Concen: 19.045 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion: 75 Resp: 8598
Ion Ratio Lower Upper
75 100
53 131.9 51.8 155.5
89 43.9 22.9 68.7

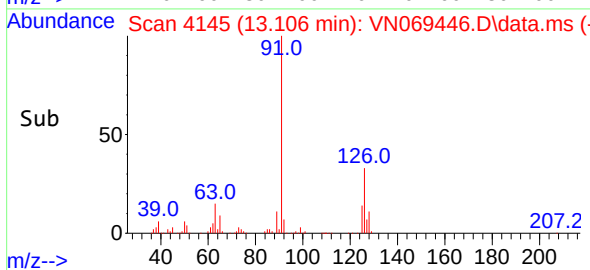
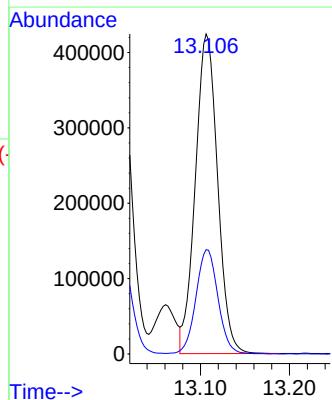
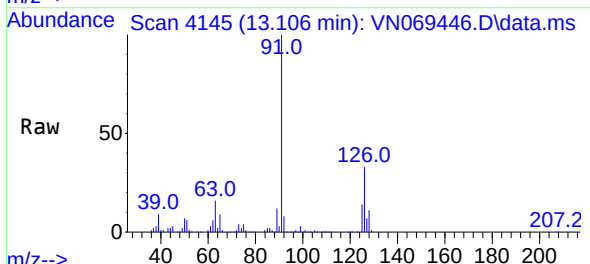
Manual Integrations
APPROVED

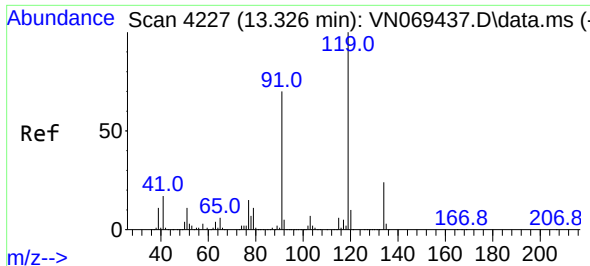
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#78
4-Chlorotoluene
Concen: 21.151 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

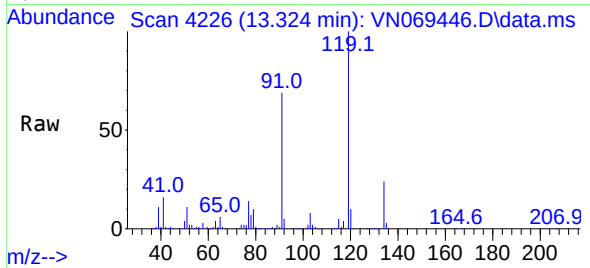
Tgt Ion: 91 Resp: 736790
Ion Ratio Lower Upper
91 100
126 32.5 0.0 70.6





#79
tert-butylbenzene
Concen: 21.056 ug/l
RT: 13.324 min Scan# 4227
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

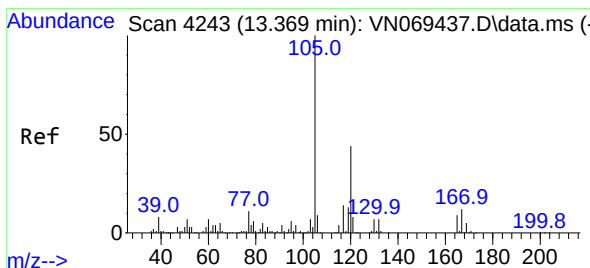
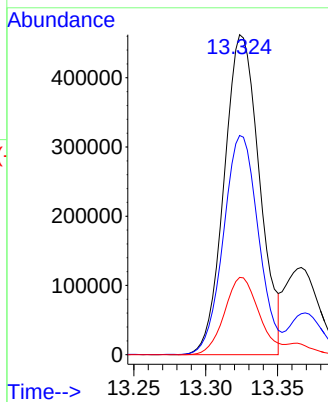
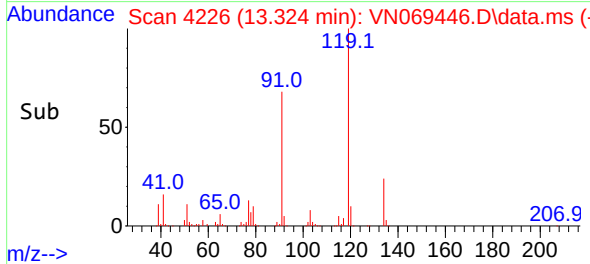
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



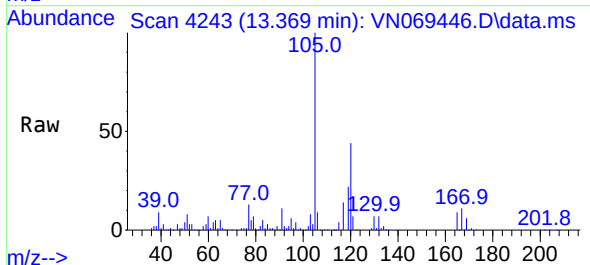
Tgt Ion:119 Resp: 790969
Ion Ratio Lower Upper
119 100
91 68.1 0.0 137.0
134 24.0 0.0 47.6

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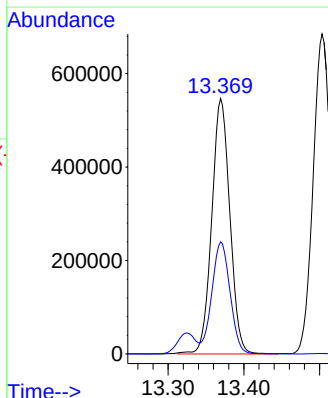
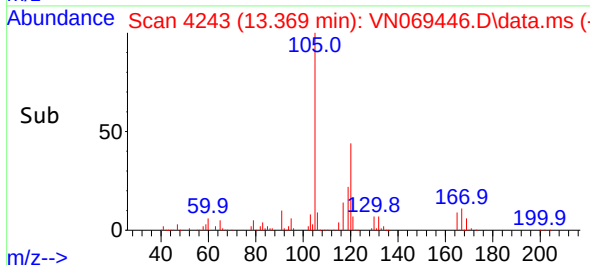
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

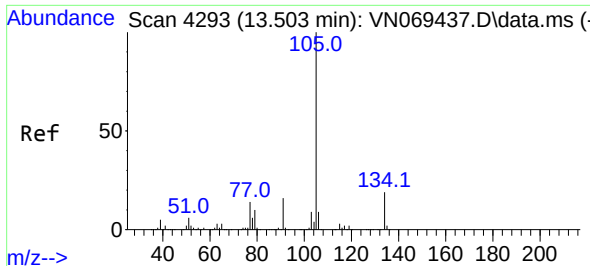


#80
1,2,4-Trimethylbenzene
Concen: 21.814 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



Tgt Ion:105 Resp: 908732
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





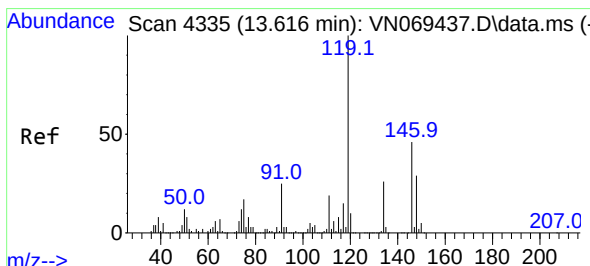
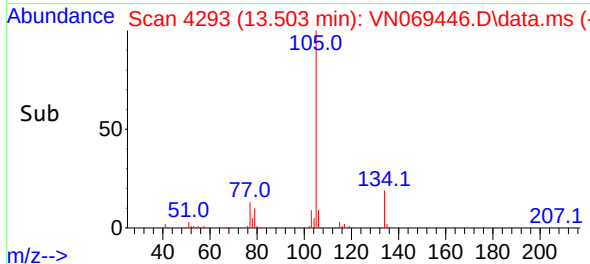
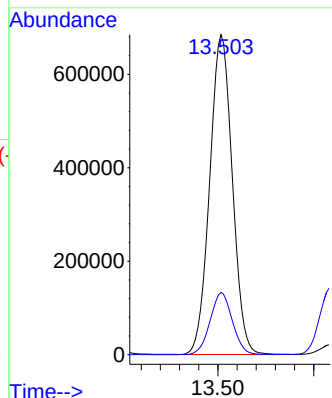
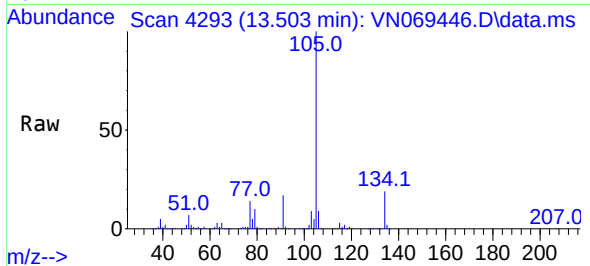
#81
 sec-Butylbenzene
 Concen: 21.279 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069446.D
 Acq: 10 Nov 2021 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBSD01

Tgt Ion:105 Resp: 1118418
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.4

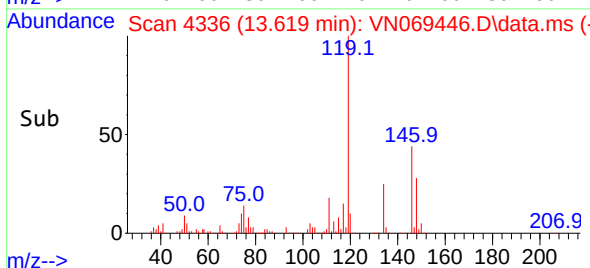
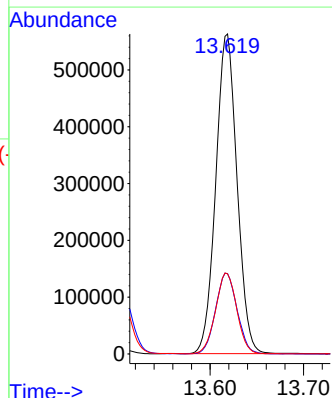
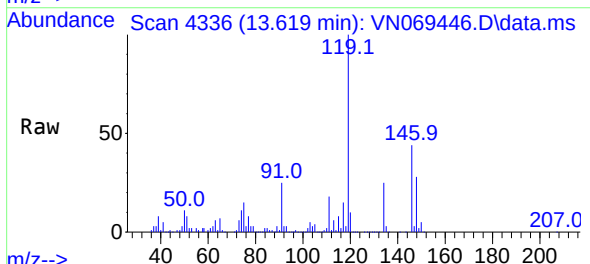
Manual Integrations
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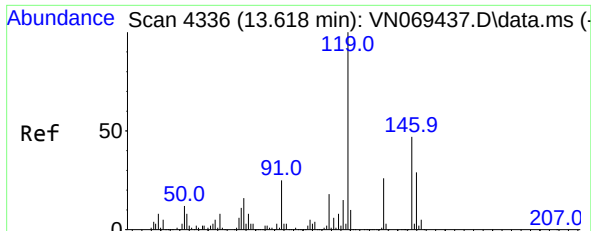
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/16/2021



#82
 p-Isopropyltoluene
 Concen: 21.204 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN069446.D
 Acq: 10 Nov 2021 17:54

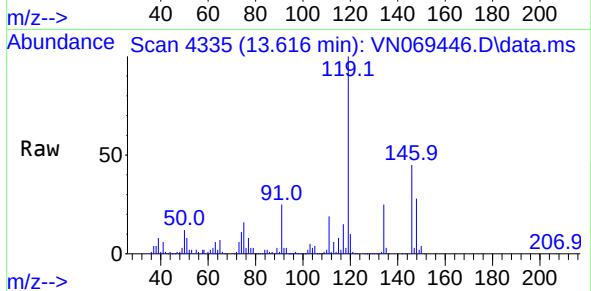
Tgt Ion:119 Resp: 889231
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.8
 91 25.2 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 21.680 ug/l
RT: 13.616 min Scan# 4336
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

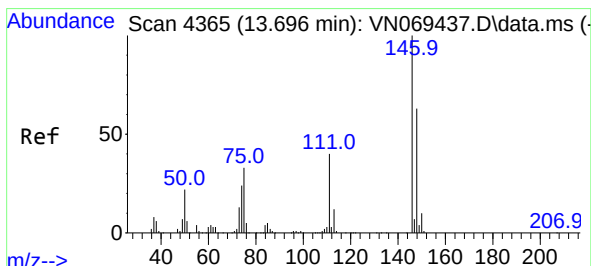
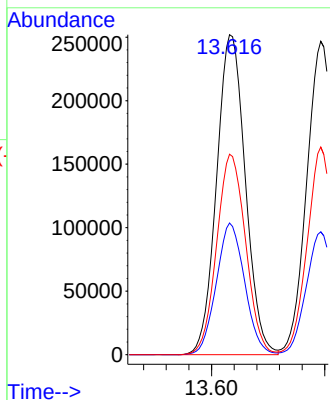
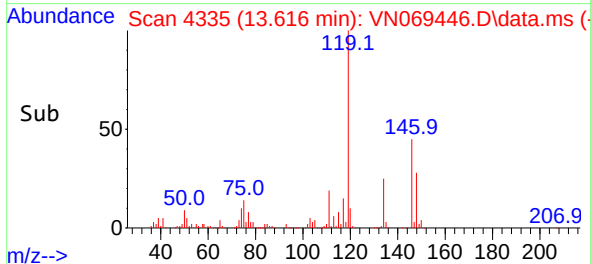
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



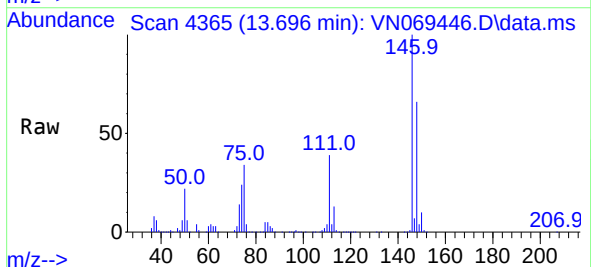
Tgt Ion:146 Resp: 444568
Ion Ratio Lower Upper
146 100
111 40.5 20.8 62.2
148 63.1 31.4 94.3

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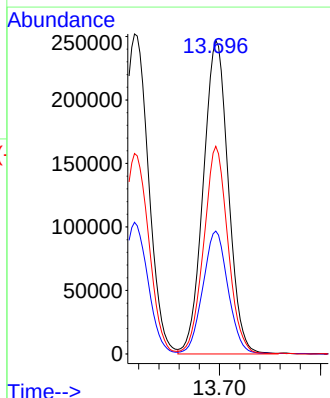
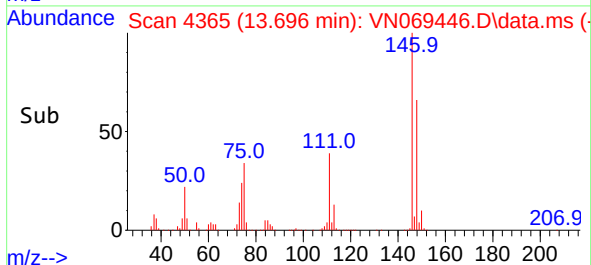
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

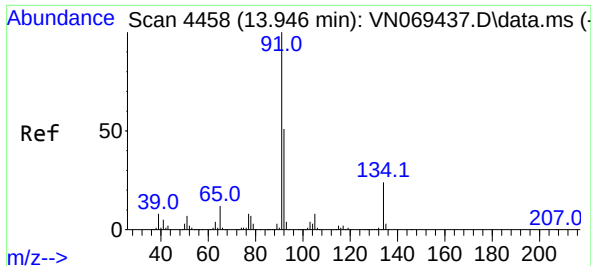


#84
1,4-Dichlorobenzene
Concen: 21.369 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



Tgt Ion:146 Resp: 425096
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 64.3 31.1 93.5





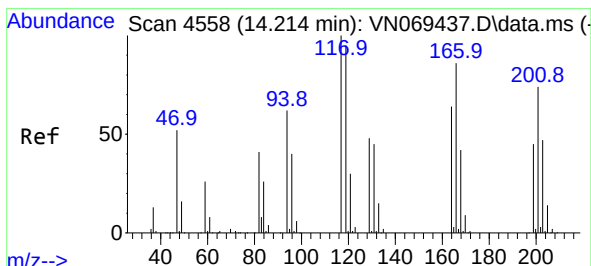
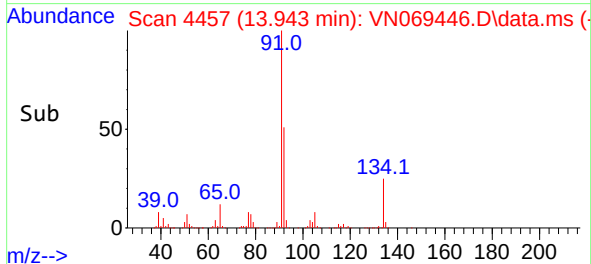
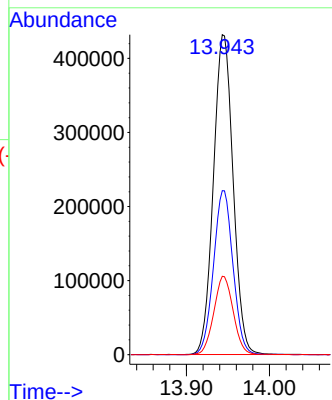
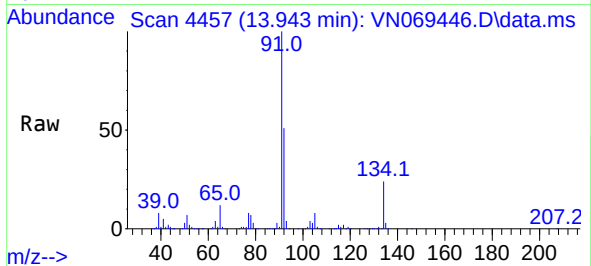
#85
n-Butylbenzene
Concen: 20.330 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01

Tgt Ion: 91 Resp: 711570
Ion Ratio Lower Upper
91 100
92 50.8 0.0 100.6
134 24.1 0.0 50.2

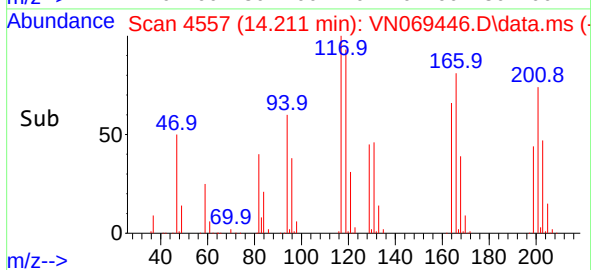
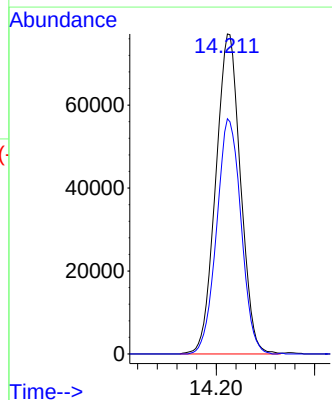
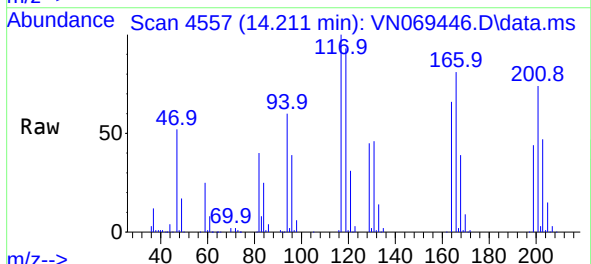
Manual Integrations
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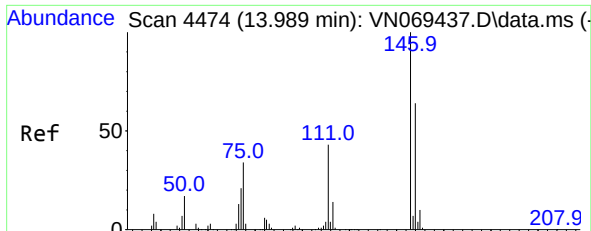
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#86
Hexachloroethane
Concen: 19.431 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

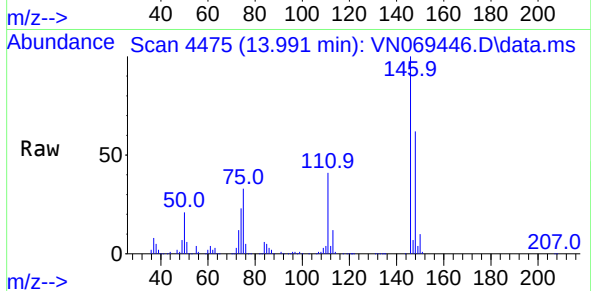
Tgt Ion:117 Resp: 134865
Ion Ratio Lower Upper
117 100
201 72.6 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 21.992 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

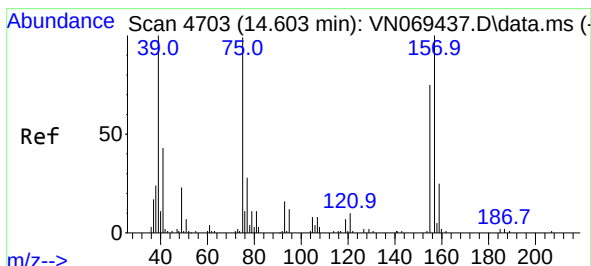
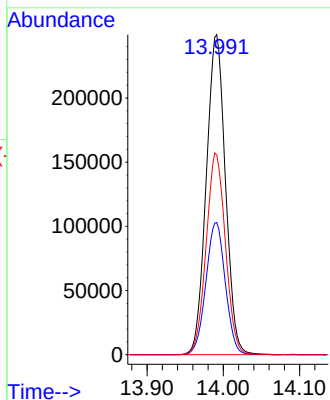
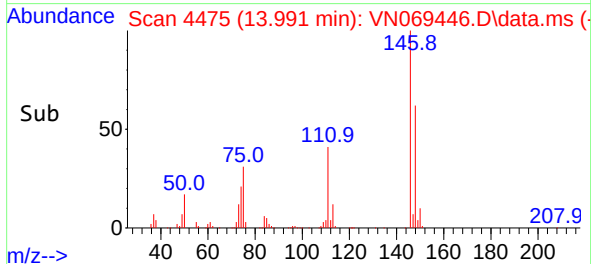
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



Tgt Ion:146 Resp: 435240
Ion Ratio Lower Upper
146 100
111 41.9 21.4 64.2
148 63.4 32.5 97.4

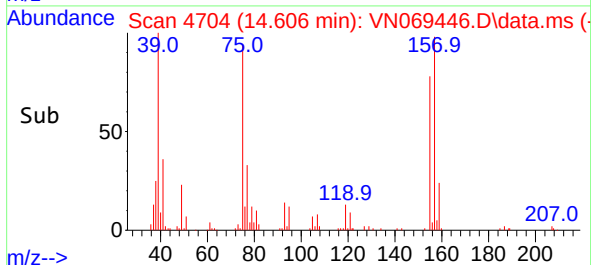
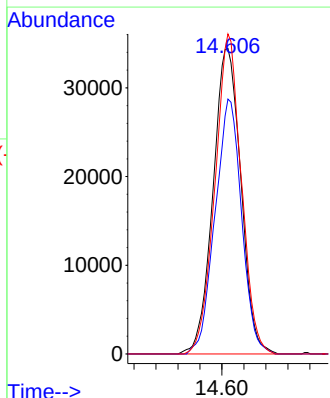
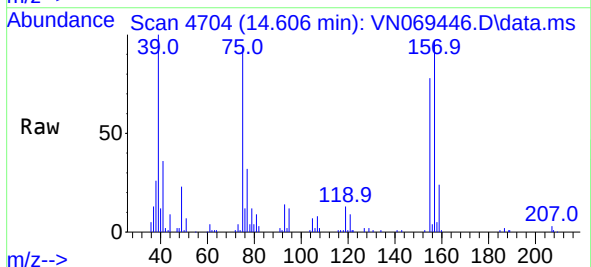
Manual Integrations
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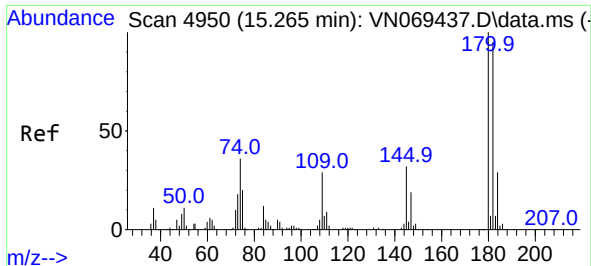
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.140 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

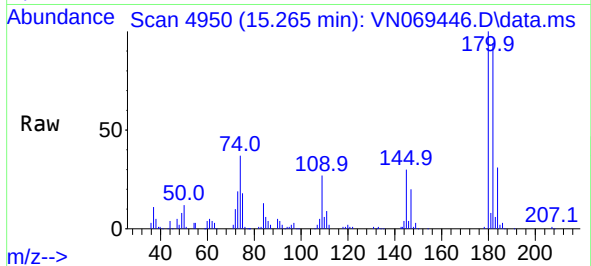
Tgt Ion: 75 Resp: 60530
Ion Ratio Lower Upper
75 100
155 79.5 63.8 95.8
157 98.8 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 20.119 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

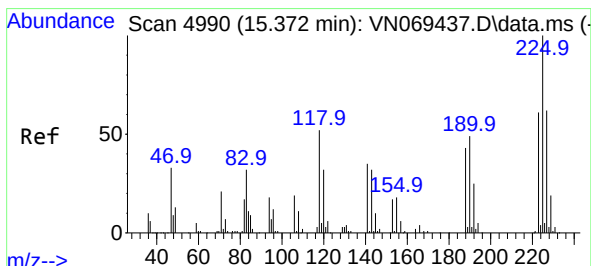
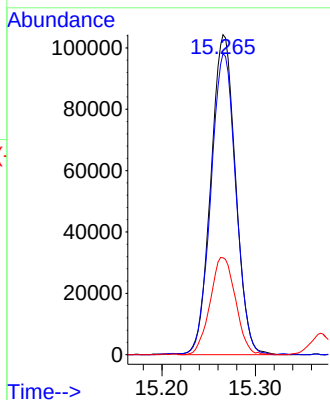
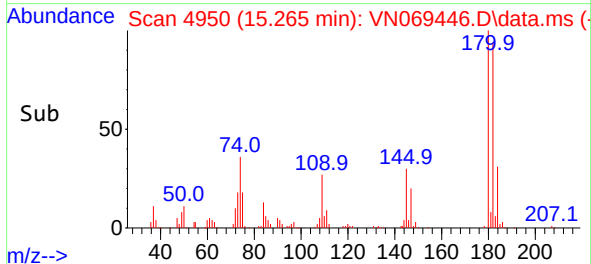
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



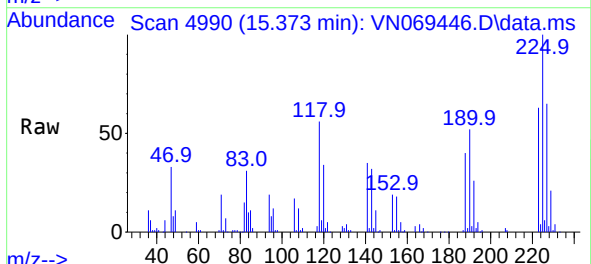
Tgt Ion:180 Resp: 19090
Ion Ratio Lower Upper
180 100
182 95.1 77.7 116.5
145 31.1 26.6 39.8

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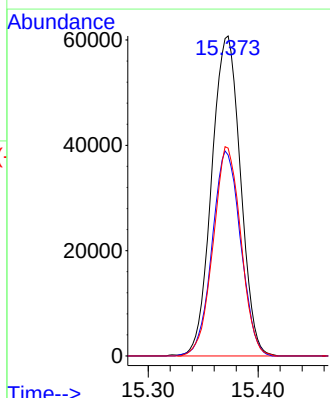
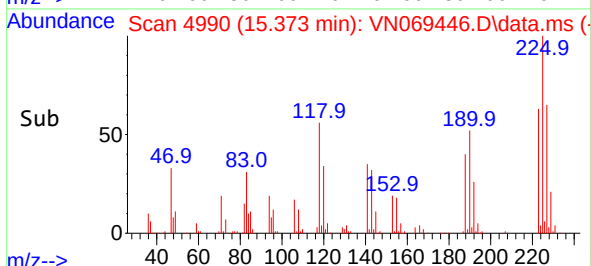
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

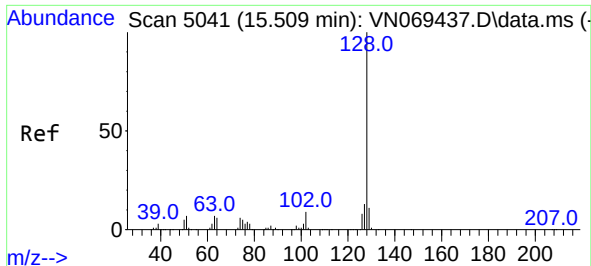


#90
Hexachlorobutadiene
Concen: 21.528 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



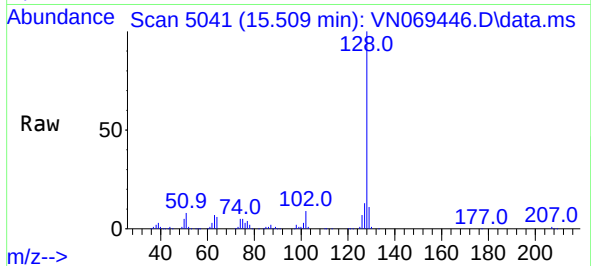
Tgt Ion:225 Resp: 110470
Ion Ratio Lower Upper
225 100
223 63.5 0.0 126.8
227 63.1 0.0 123.0





#91
Naphthalene
Concen: 19.402 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54

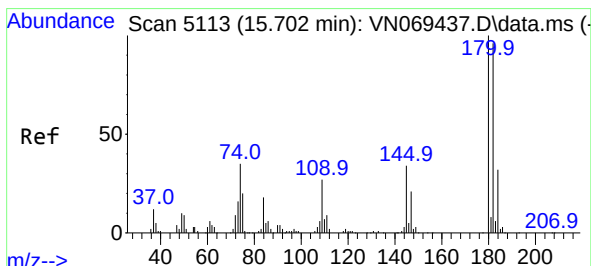
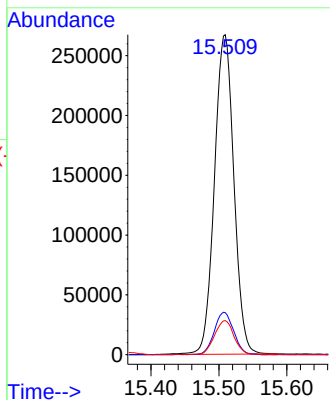
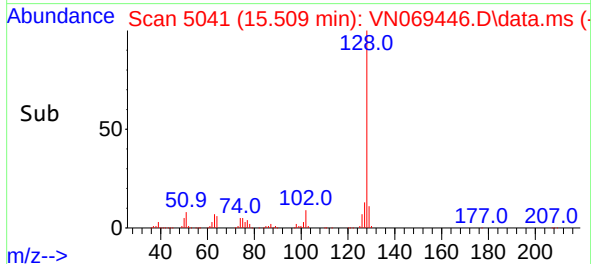
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBSD01



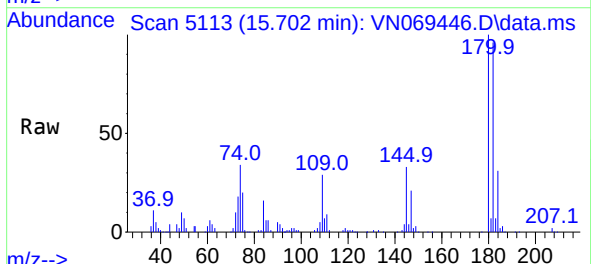
Tgt Ion:128 Resp: 53037
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.8 9.0 13.6

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



#92
1,2,3-Trichlorobenzene
Concen: 20.370 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069446.D
Acq: 10 Nov 2021 17:54



Tgt Ion:180 Resp: 190022
Ion Ratio Lower Upper
180 100
182 95.6 0.0 190.0
145 32.6 0.0 67.8

