

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111021\
 Data File : VN069445.D
 Acq On : 10 Nov 2021 17:18
 Operator : JC/MD
 Sample : VN1110WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 17:35:33 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	7.662	128	184486	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1094387	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	993739	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.442	65	502423	31.401	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.667%			
60) 4-Bromofluorobenzene	12.733	95	474545	29.841	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.467%			
63) Toluene-d8	10.443	98	1420226	30.953	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.167%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	324078	23.773	ug/l	98
3) Chloromethane	2.306	50	331556	23.327	ug/l	97
4) Vinyl Chloride	2.448	62	332411	23.064	ug/l	99
5) Bromomethane	2.864	94	210757	22.833	ug/l	99
6) Chloroethane	3.025	64	204114	22.447	ug/l	98
7) Trichlorofluoromethane	3.379	101	494235	23.396	ug/l	99
8) Diethyl Ether	3.827	74	149113	22.362	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.208	101	227578	23.281	ug/l #	71
10) 1,1-Dichloroethene	4.181	96	205177	22.255	ug/l	89
11) Methyl Iodide	4.422	142	267178	20.800	ug/l	99
12) Methyl Acetate	4.857	43	566564	21.339	ug/l	90
13) Acrolein	4.044	56	54776	75.035	ug/l	99
14) Acrylonitrile	5.559	53	762741	105.296	ug/l	99
15) Acetone	4.288	58	242704	100.552	ug/l	82
16) Carbon Disulfide	4.529	76	497423	21.585	ug/l	98
17) Allyl chloride	4.840	41	433588	22.128	ug/l	91
18) Methylene Chloride	5.098	84	257678	21.939	ug/l	89
19) trans-1,2-Dichloroethene	5.599	96	222164	21.959	ug/l	90
20) Diisopropyl ether	6.498	45	936531	22.305	ug/l #	94
21) 1,1-Dichloroethane	6.391	63	477784	22.430	ug/l	99
22) cis-1,2-Dichloroethene	7.329	96	271073	21.603	ug/l	93
23) tert-Butyl Alcohol	5.382	59	259791	103.050	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	815090	22.060	ug/l	96
25) Chloroform	7.820	83	486192	22.075	ug/l	98
26) Cyclohexane	8.096	56	458237	22.658	ug/l #	87
29) 1,1-Dichloropropene	8.222	75	364001	21.789	ug/l	95
30) 2-Butanone	7.340	43	1197807	99.057	ug/l	92
31) 2,2-Dichloropropane	7.327	77	372582	21.096	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	407310	20.885	ug/l	96
33) Carbon Tetrachloride	8.206	117	336787	20.909	ug/l	98
34) Benzene	8.461	78	1088890	21.434	ug/l #	94
35) Methacrylonitrile	7.638	41	213140	19.218	ug/l	91
36) 1,2-Dichloroethane	8.531	62	418917	21.389	ug/l	99
37) Trichloroethene	9.217	130	258526	21.064	ug/l	89
38) Methylcyclohexane	9.461	83	455051	22.017	ug/l	91
39) 1,2-Dichloropropane	9.494	63	285060	21.186	ug/l	100
40) Dibromomethane	9.579	93	189550	21.035	ug/l	97
41) Bromodichloromethane	9.765	83	343344	20.300	ug/l	96
42) Vinyl Acetate	6.439	43	3596084	105.233	ug/l	95

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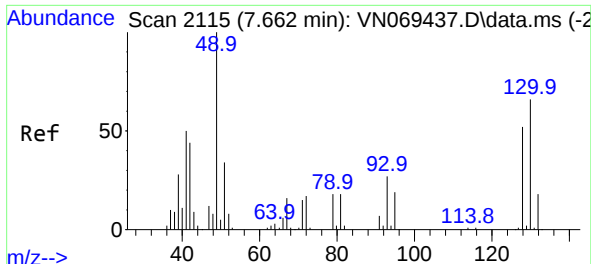
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	442045	19.726	ug/l	98
44) Isopropyl Acetate	8.563	43	730484	20.909	ug/l	94
45) 1,4-Dioxane	9.571	88	111369	392.698	ug/l	90
46) Methyl methacrylate	9.563	41	330850	20.562	ug/l	83
47) n-amyl Acetate	12.390	43	509822	19.003	ug/l	98
48) t-1,3-Dichloropropene	10.719	75	361417	19.911	ug/l	98
49) cis-1,3-Dichloropropene	10.191	75	400804	20.292	ug/l	95
50) 1,1,2-Trichloroethane	10.899	97	265262	20.730	ug/l	96
51) Ethyl methacrylate	10.762	69	433094	20.187	ug/l	92
52) 1,3-Dichloropropane	11.047	76	467075	21.131	ug/l	100
53) Dibromochloromethane	11.240	129	240107	19.636	ug/l	100
54) 1,2-Dibromoethane	11.347	107	271455	20.483	ug/l	98
55) 2-Chloroethyl vinyl ether	10.043	63	310389	63.604	ug/l	97
56) Bromoform	12.460	173	161704	18.441	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	2351729	107.811	ug/l	94
59) 2-Hexanone	11.087	43	1690144	101.861	ug/l	95
61) Tetrachloroethene	10.980	164	237016	22.222	ug/l	95
62) Toluene	10.507	91	1199907	21.973	ug/l	98
64) Chlorobenzene	11.771	112	700310	21.375	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	250232	21.695	ug/l	99
66) Ethyl Benzene	11.846	91	1331631	22.031	ug/l	99
67) m/p-Xylenes	11.956	106	990582	44.124	ug/l	96
68) o-Xylene	12.283	106	487015	21.666	ug/l	97
69) Styrene	12.296	104	769604	21.118	ug/l	98
70) Isopropylbenzene	12.581	105	1292025	21.978	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	414296	21.358	ug/l	97
72) 1,2,3-Trichloropropane	12.881	75	342981m	18.150	ug/l	
73) Bromobenzene	12.862	156	287272	21.199	ug/l	95
74) n-propylbenzene	12.921	91	1472109	21.805	ug/l	99
75) 2-Chlorotoluene	13.010	91	890406	21.665	ug/l	97
76) 1,3,5-Trimethylbenzene	13.061	105	1058467	21.937	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	90050	17.654	ug/l	81
78) 4-Chlorotoluene	13.106	91	852215	21.653	ug/l	95
79) tert-butylbenzene	13.326	119	921134	21.702	ug/l	100
80) 1,2,4-Trimethylbenzene	13.369	105	1033511m	21.958	ug/l	
81) sec-Butylbenzene	13.503	105	1288037	21.689	ug/l	99
82) p-Isopropyltoluene	13.619	119	1034640	21.835	ug/l	99
83) 1,3-Dichlorobenzene	13.619	146	505569	21.821	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	479817	21.347	ug/l	98
85) n-Butylbenzene	13.943	91	827554	20.926	ug/l	99
86) Hexachloroethane	14.214	117	156769	19.991	ug/l	92
87) 1,2-Dichlorobenzene	13.989	146	490686	21.944	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.606	75	66004	19.437	ug/l	99
89) 1,2,4-Trichlorobenzene	15.265	180	220159	20.534	ug/l	95
90) Hexachlorobutadiene	15.370	225	130649	22.534	ug/l	100
91) Naphthalene	15.507	128	581915	18.841	ug/l	100
92) 1,2,3-Trichlorobenzene	15.702	180	213412	20.248	ug/l	99

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



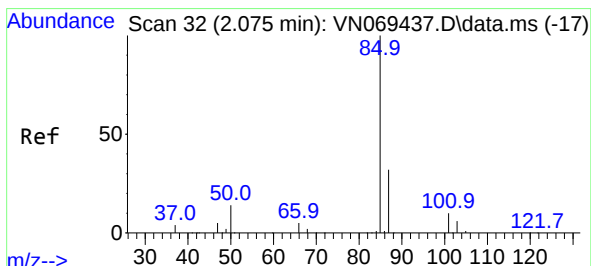
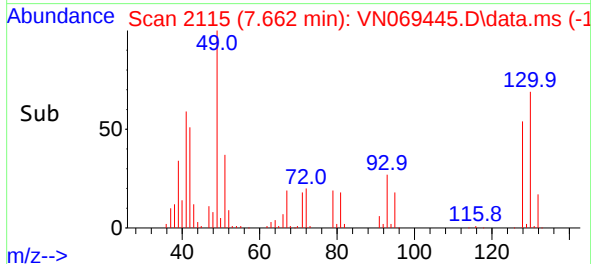
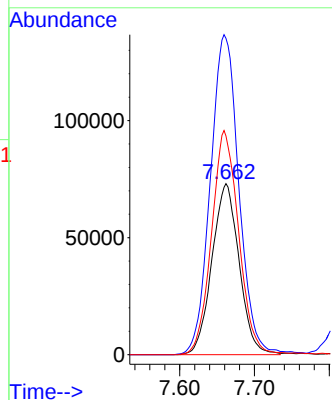
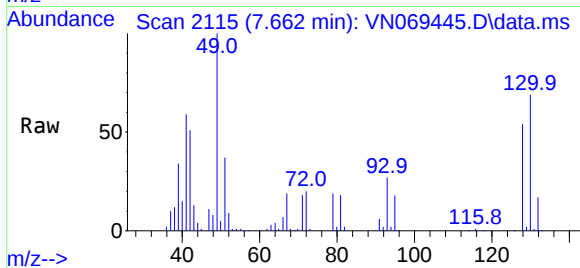
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Instrument :
MSVOA_N
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VN1110WBS01

Tgt Ion:128 Resp: 184480
Ion Ratio Lower Upper
128 100
49 194.5 0.0 392.3
130 131.1 0.0 320.2

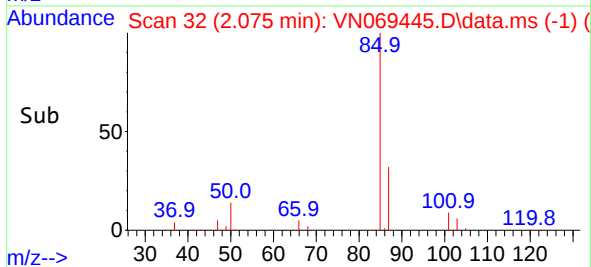
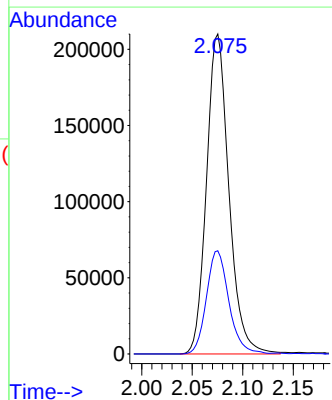
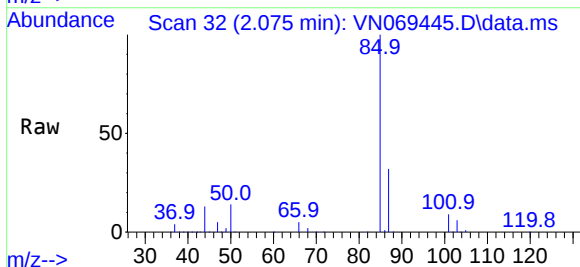
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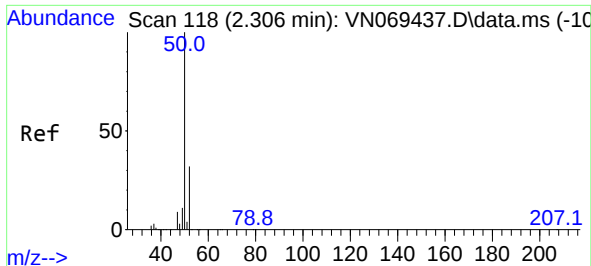
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#2
Dichlorodifluoromethane
Concen: 23.773 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

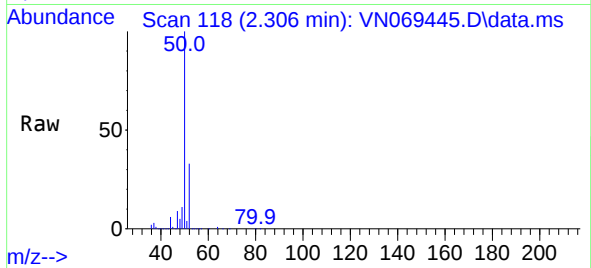
Tgt Ion: 85 Resp: 324078
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.7





#3
Chloromethane
Concen: 23.327 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

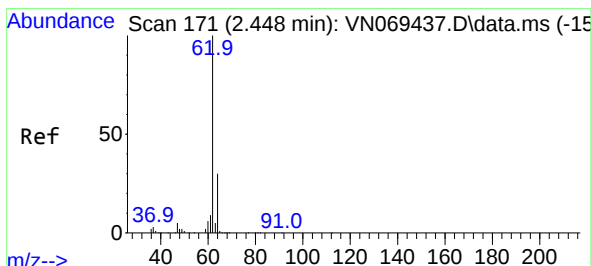
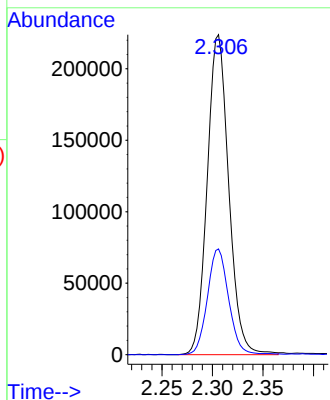
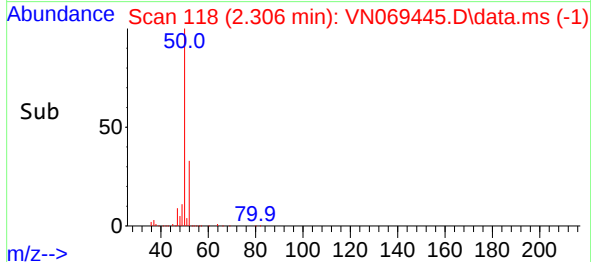
Instrument :
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ClientSampleId :
VN1110WBS01



Tgt Ion: 50 Resp: 331550
Ion Ratio Lower Upper
50 100
52 33.1 27.8 41.6

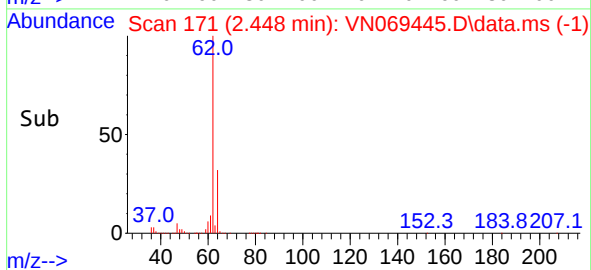
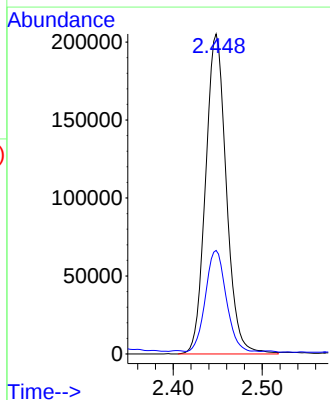
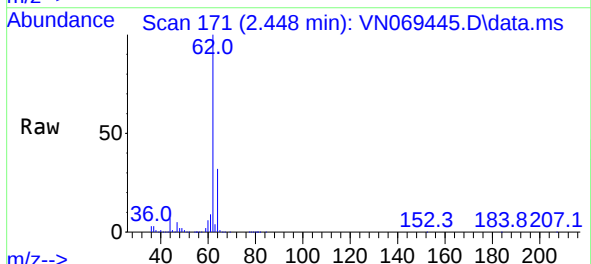
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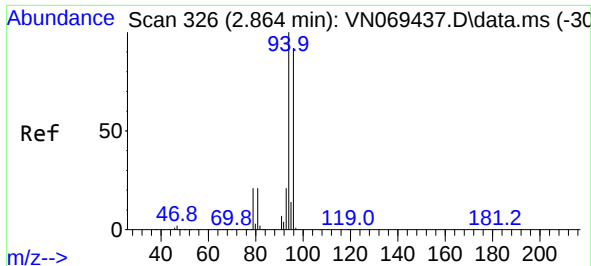
Reviewed By :John Carlone 11/11/2021
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#4
Vinyl Chloride
Concen: 23.064 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

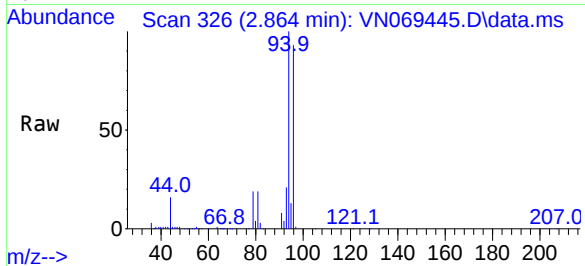
Tgt Ion: 62 Resp: 332411
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7





#5
Bromomethane
Concen: 22.833 ug/l
RT: 2.864 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

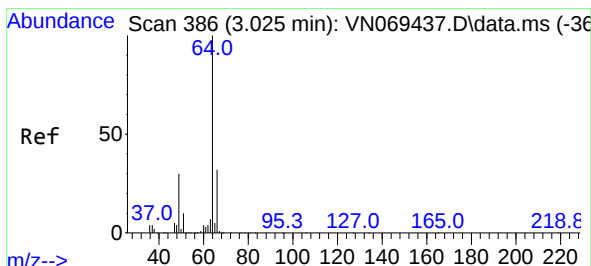
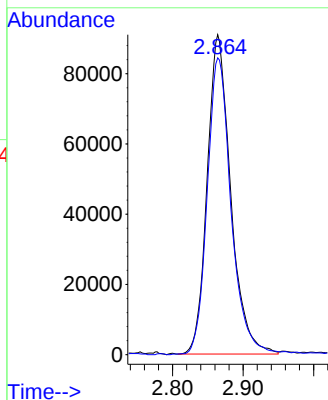
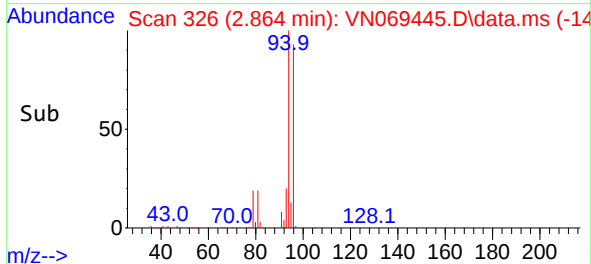
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



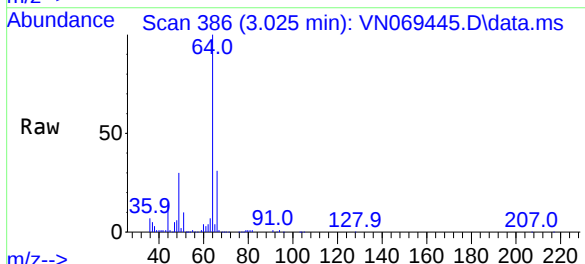
Tgt Ion: 94 Resp: 21075
Ion Ratio Lower Upper
94 100
96 92.7 75.2 112.8

Manual Integrations
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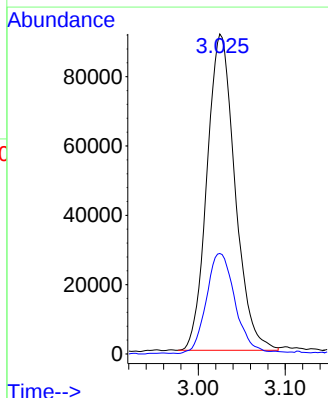
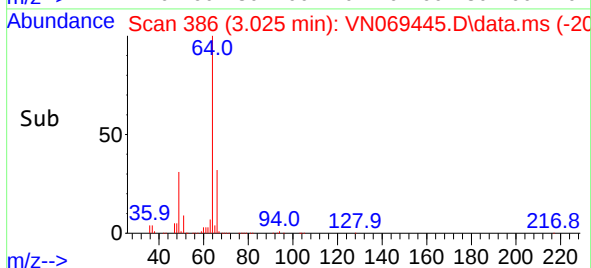
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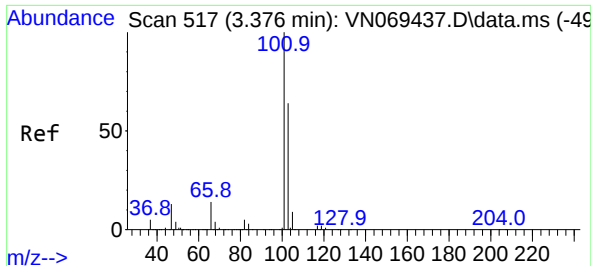


#6
Chloroethane
Concen: 22.447 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



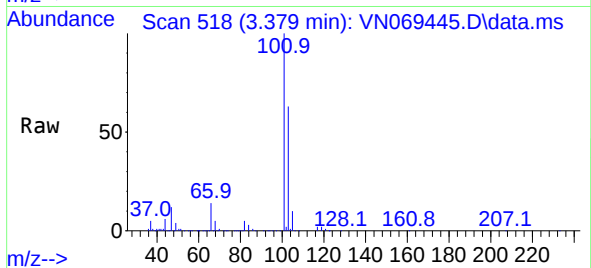
Tgt Ion: 64 Resp: 204114
Ion Ratio Lower Upper
64 100
66 31.6 24.6 36.8





#7
Trichlorofluoromethane
Concen: 23.396 ug/l
RT: 3.379 min Scan# 517
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

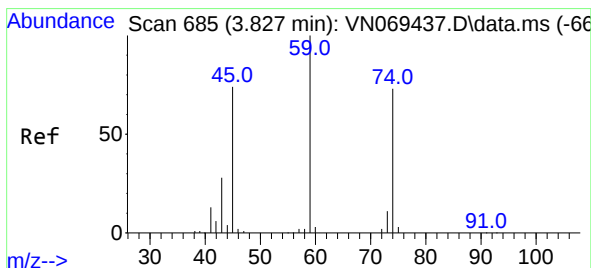
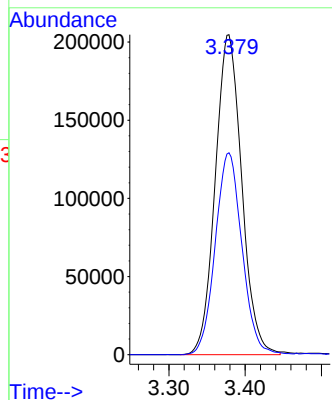
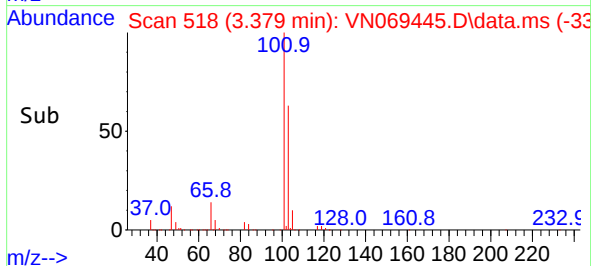
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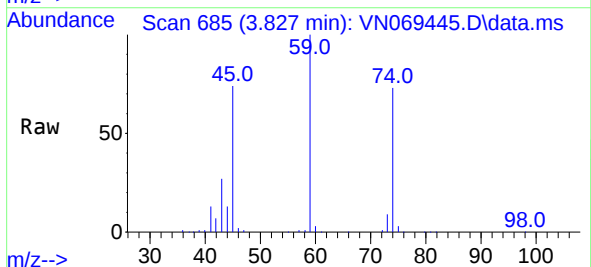
Tgt Ion:101 Resp: 494235
Ion Ratio Lower Upper
101 100
103 63.1 50.1 75.1

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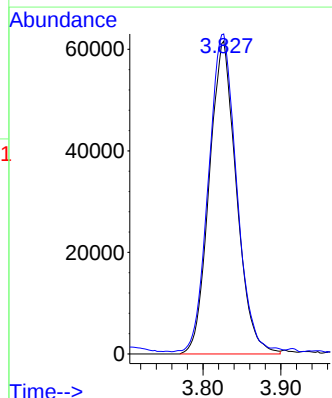
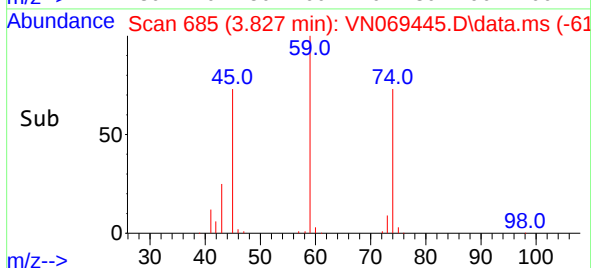
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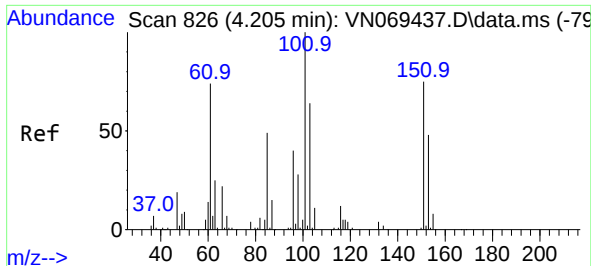


#8
Diethyl Ether
Concen: 22.362 ug/l
RT: 3.827 min Scan# 685
Delta R.T. -0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



Tgt Ion: 74 Resp: 149113
Ion Ratio Lower Upper
74 100
45 103.3 17.6 158.8





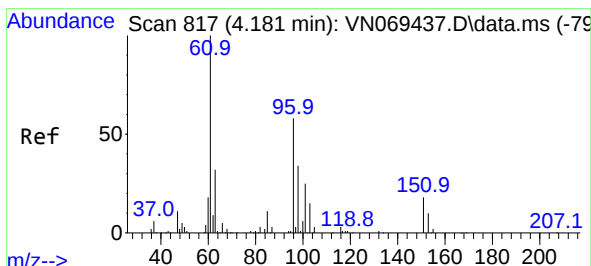
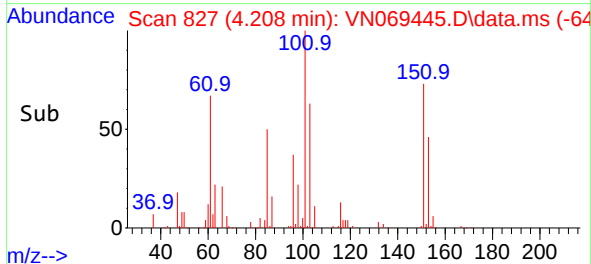
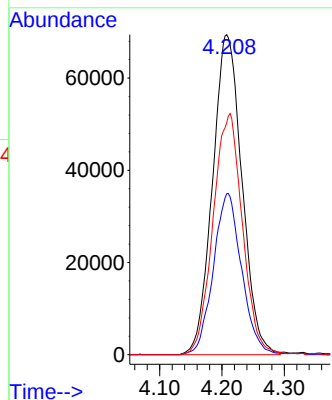
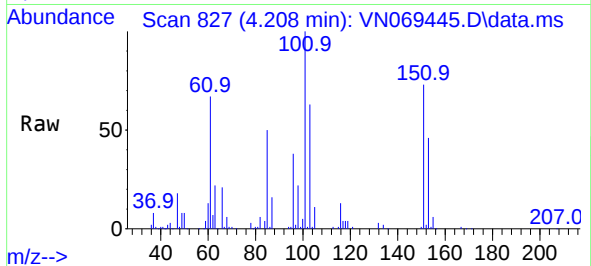
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1,1,2-Trichlorotrifluoroethane
Concen: 23.281 ug/l
RT: 4.208 min Scan# 811
Delta R.T. -0.013 min
Lab File: VN069445.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 227578
Ion Ratio Lower Upper
101 100
85 48.5 0.0 94.0
151 75.2 0.0 74.6

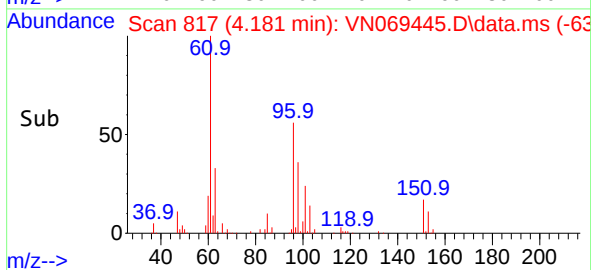
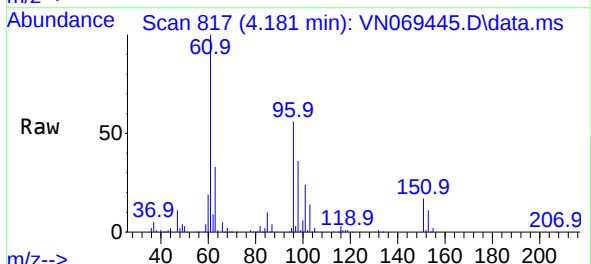
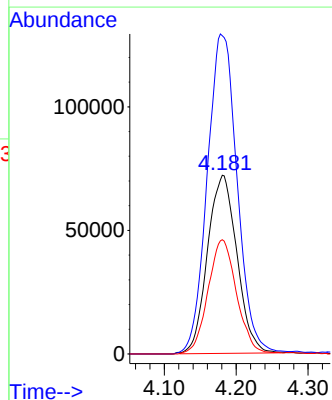
Manual Integrations
APPROVED

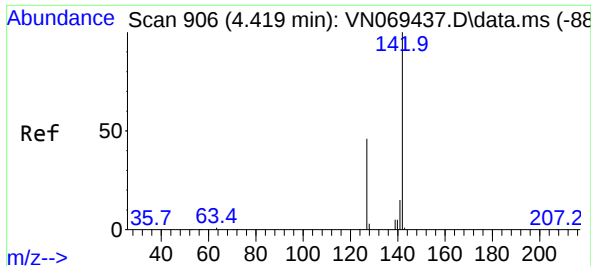
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#10
1,1-Dichloroethene
Concen: 22.255 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.011 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

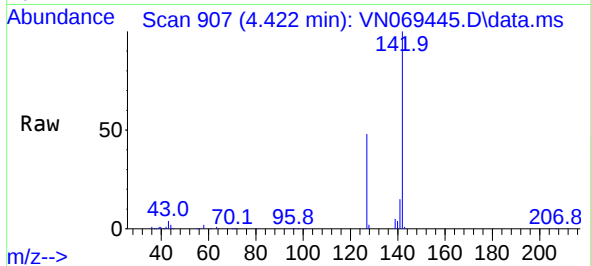
Tgt Ion: 96 Resp: 205177
Ion Ratio Lower Upper
96 100
61 178.1 126.2 189.4
98 64.0 50.9 76.3





#11
Methyl Iodide
Concen: 20.800 ug/l
RT: 4.422 min Scan# 906
Delta R.T. -0.008 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

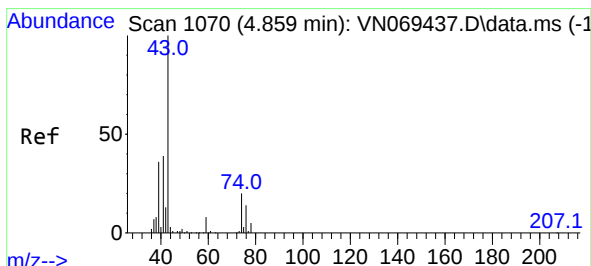
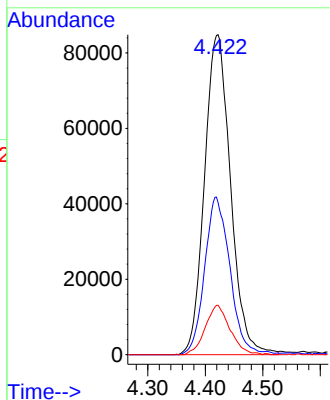
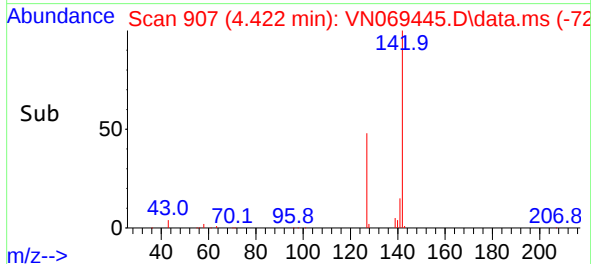
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion:142 Resp: 267178
Ion Ratio Lower Upper
142 100
127 47.6 24.0 72.0
141 15.6 8.4 25.2

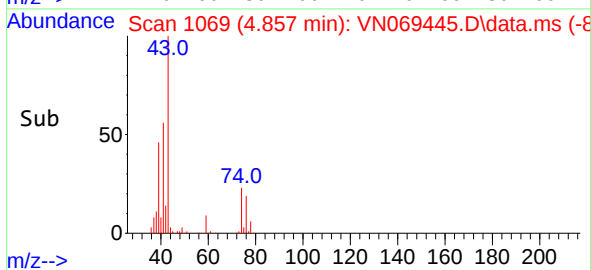
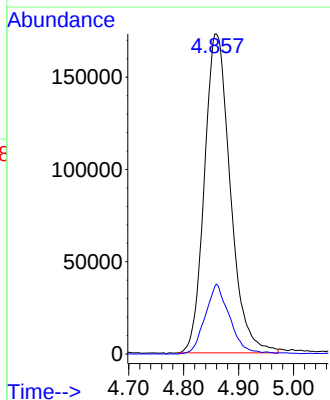
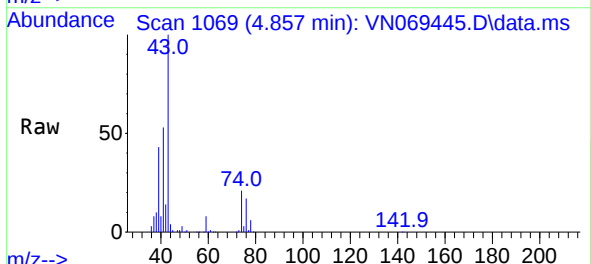
Manual Integrations
APPROVED

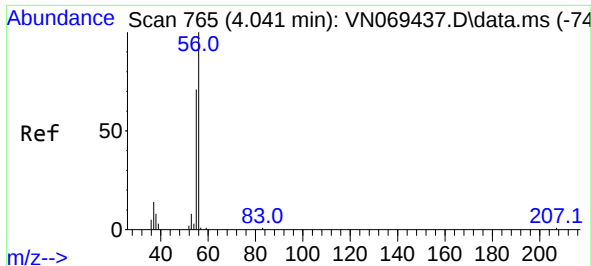
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#12
Methyl Acetate
Concen: 21.339 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

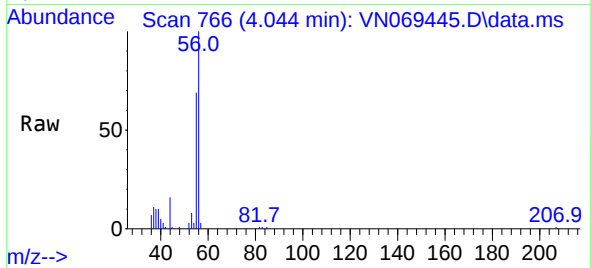
Tgt Ion: 43 Resp: 566564
Ion Ratio Lower Upper
43 100
74 21.1 20.8 31.2





#13
Acrolein
Concen: 75.035 ug/l
RT: 4.044 min Scan# 765
Delta R.T. -0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

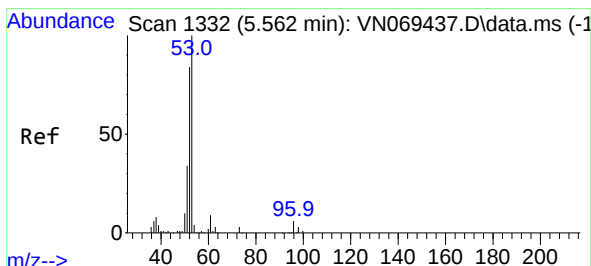
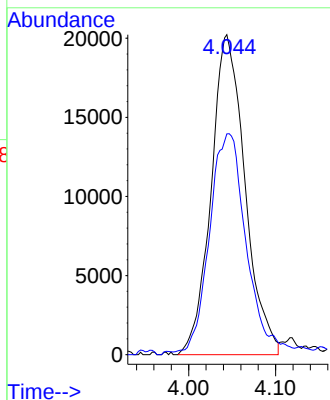
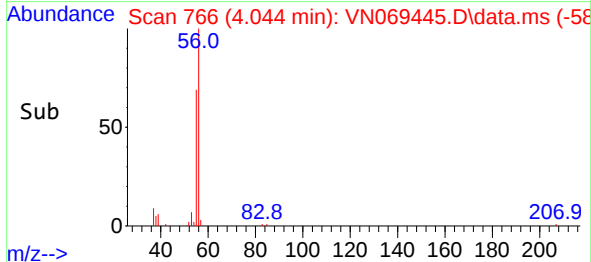
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 56 Resp: 54770
Ion Ratio Lower Upper
56 100
55 70.8 57.6 86.4

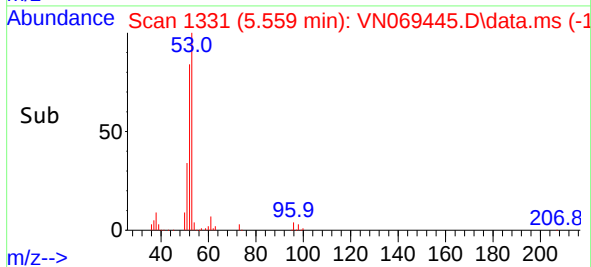
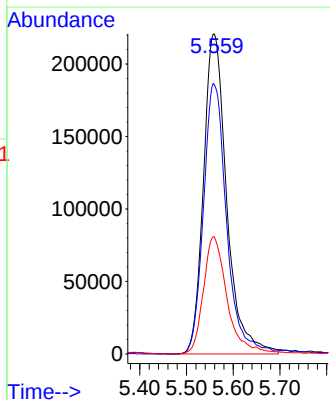
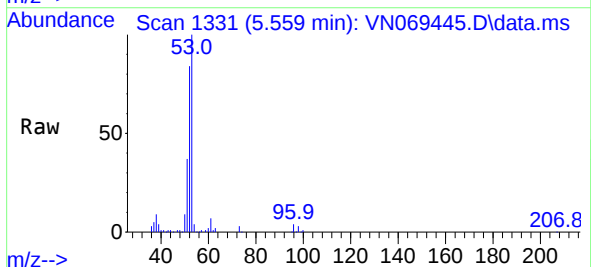
Manual Integrations
APPROVED

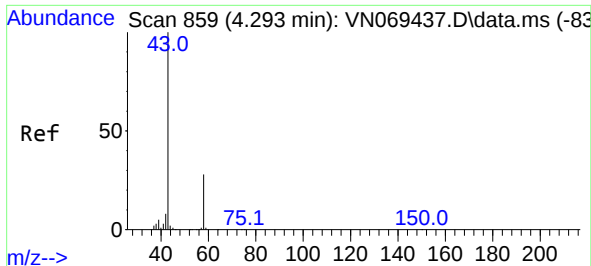
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#14
Acrylonitrile
Concen: 105.296 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

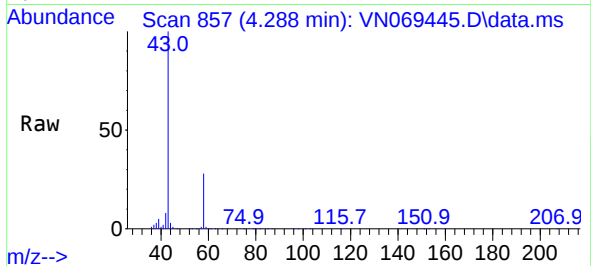
Tgt Ion: 53 Resp: 762741
Ion Ratio Lower Upper
53 100
52 83.4 41.8 125.4
51 36.3 19.0 57.0





#15
Acetone
Concen: 100.552 ug/l
RT: 4.288 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

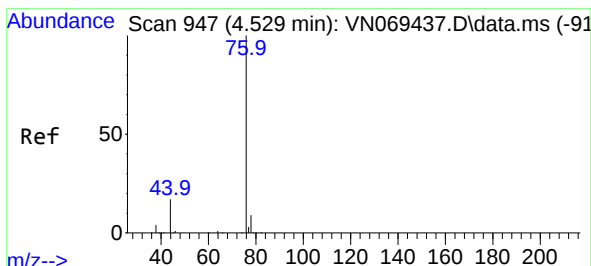
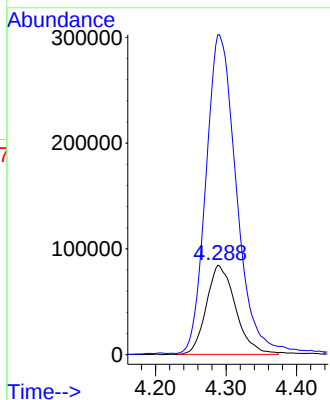
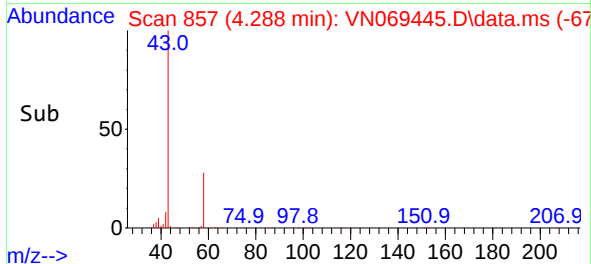
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 58 Resp: 242704
Ion Ratio Lower Upper
58 100
43 357.2 256.6 384.8

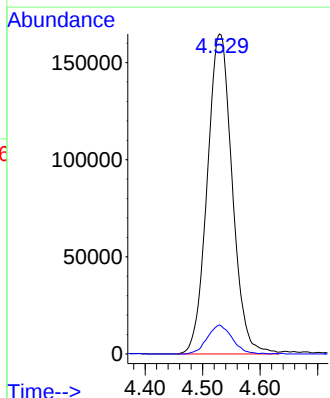
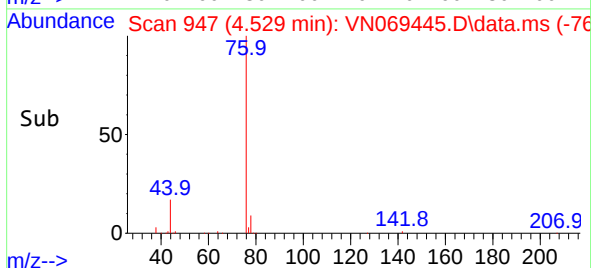
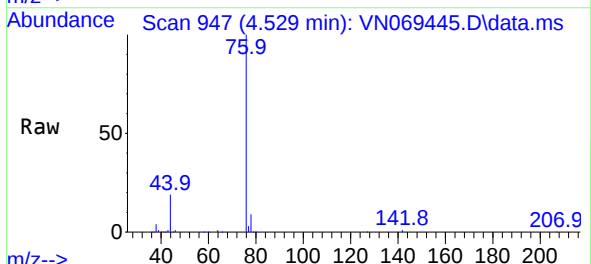
Manual Integrations
APPROVED

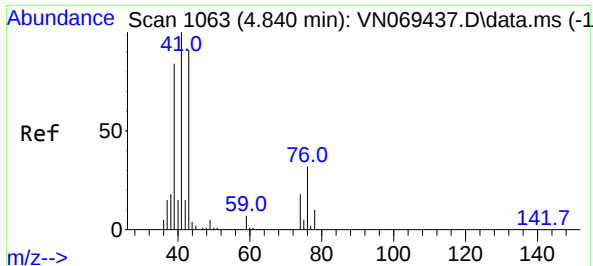
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#16
Carbon Disulfide
Concen: 21.585 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.008 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

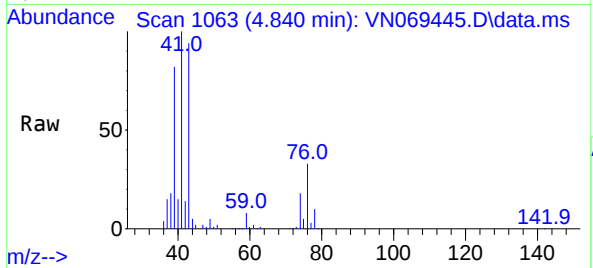
Tgt Ion: 76 Resp: 497423
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8





Allyl chloride
 Concen: 22.128 ug/l
 RT: 4.840 min Scan# 1063
 Delta R.T. -0.005 min
 Lab File: VN069445.D
 Acq: 10 Nov 2021 17:18

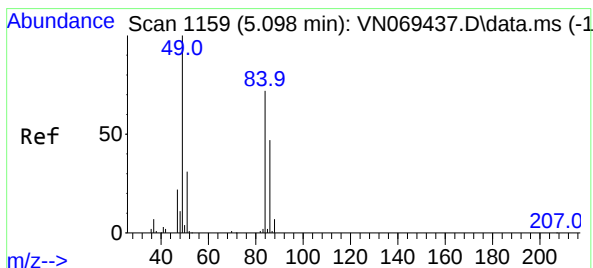
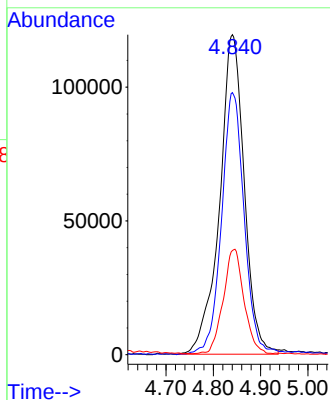
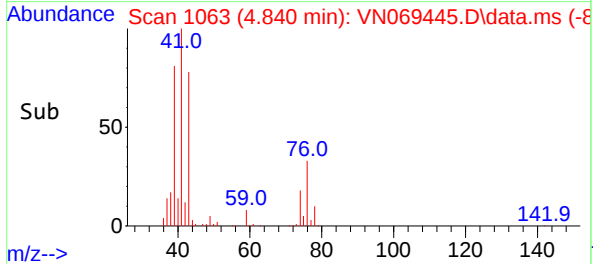
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01



Tgt Ion: 41 Resp: 433588
 Ion Ratio Lower Upper
 41 100
 39 81.9 44.6 134.0
 76 32.2 19.6 58.7

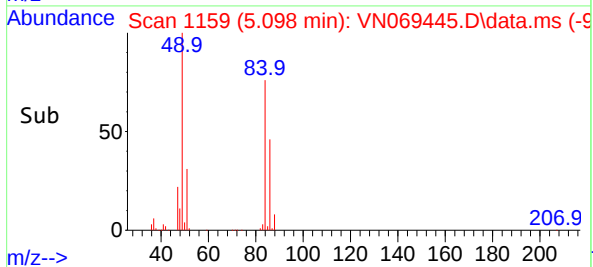
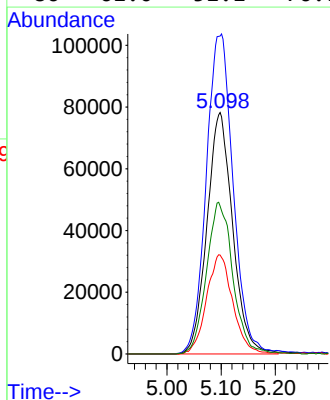
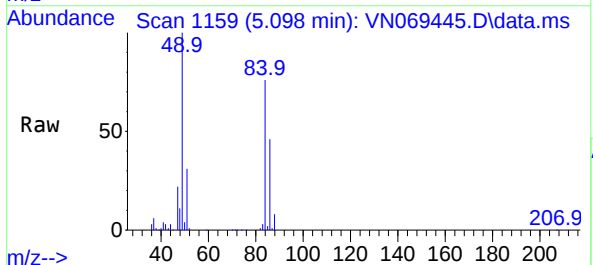
Manual Integrations
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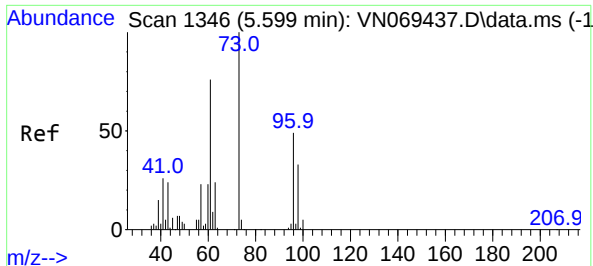
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/16/2021



Methylene Chloride
 Concen: 21.939 ug/l
 RT: 5.098 min Scan# 1159
 Delta R.T. -0.003 min
 Lab File: VN069445.D
 Acq: 10 Nov 2021 17:18

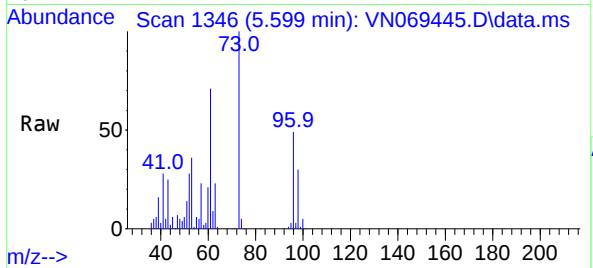
Tgt Ion: 84 Resp: 257678
 Ion Ratio Lower Upper
 84 100
 49 131.5 91.4 137.0
 51 41.0 29.4 44.0
 86 61.0 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 21.959 ug/l
RT: 5.599 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

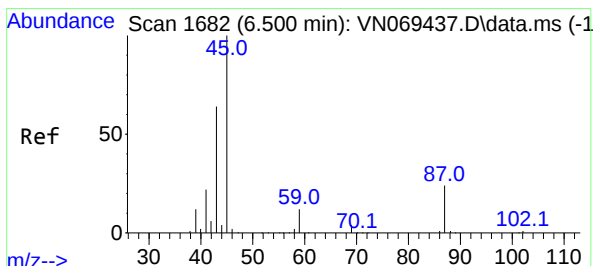
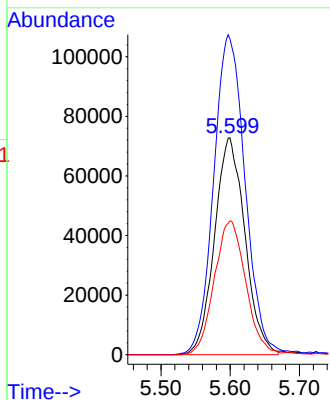
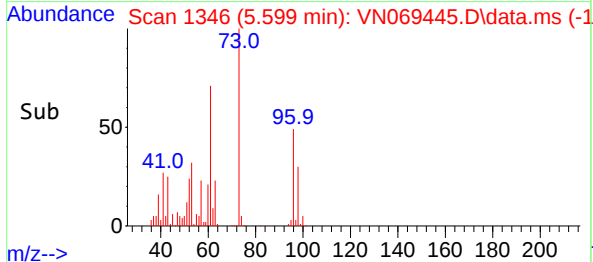
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



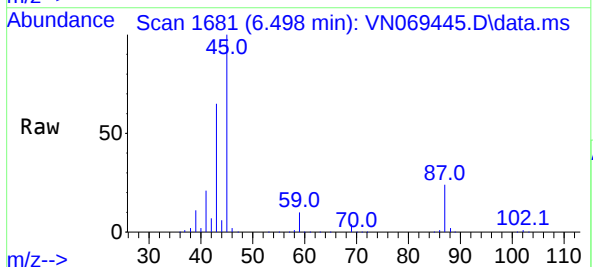
Tgt Ion: 96 Resp: 222164
Ion Ratio Lower Upper
96 100
61 145.4 102.8 154.2
98 61.6 49.3 73.9

Manual Integrations
APPROVED

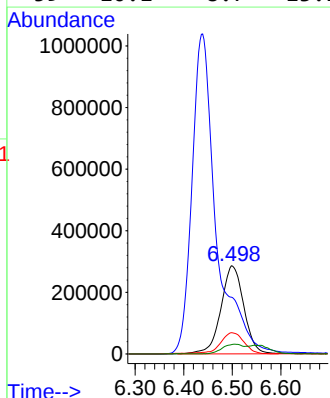
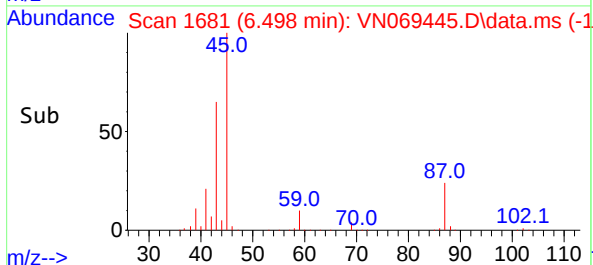
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

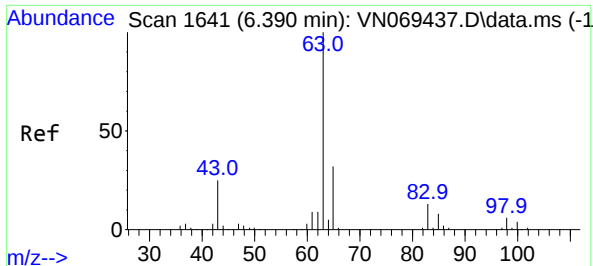


#20
Diisopropyl ether
Concen: 22.305 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



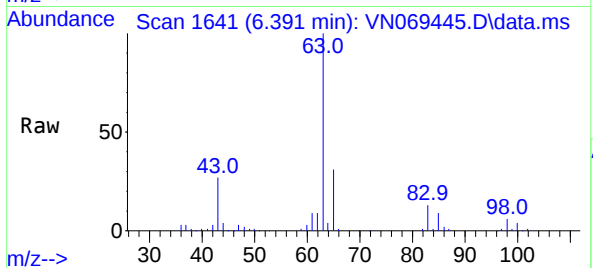
Tgt Ion: 45 Resp: 936531
Ion Ratio Lower Upper
45 100
43 61.7 51.0 76.4
87 24.0 25.0 37.4#
59 10.1 8.7 13.1





#21
1,1-Dichloroethane
Concen: 22.430 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. -0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

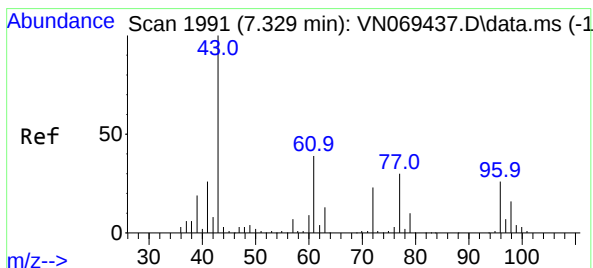
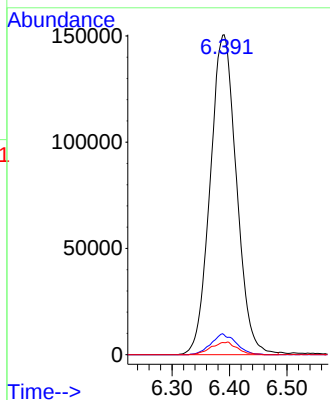
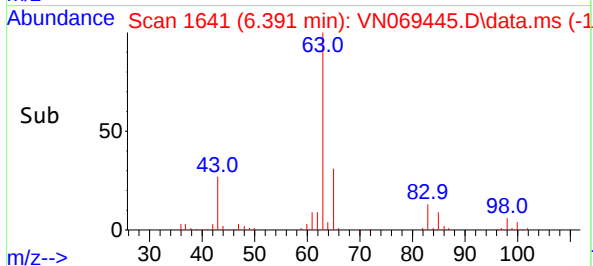
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



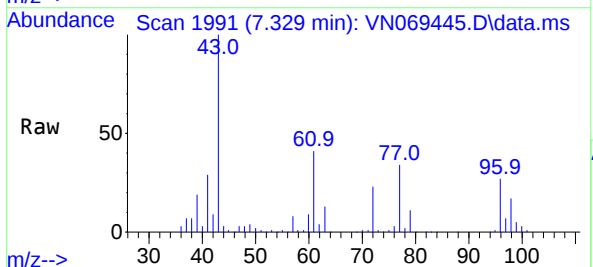
Tgt Ion: 63 Resp: 477784
Ion Ratio Lower Upper
63 100
98 6.2 3.2 9.6
100 3.8 2.1 6.2

Manual Integrations
APPROVED

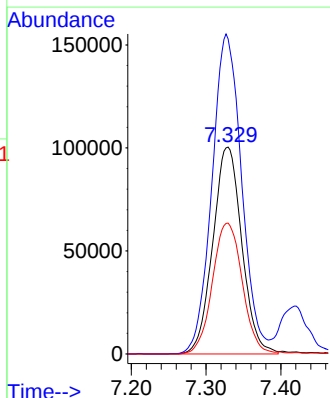
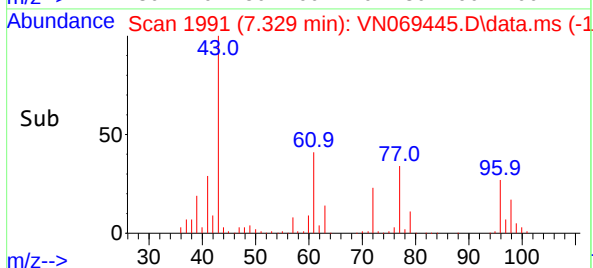
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

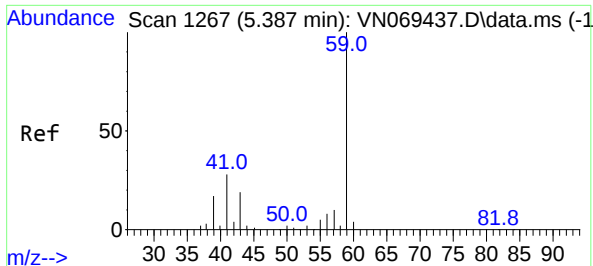


#22
cis-1,2-Dichloroethene
Concen: 21.603 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



Tgt Ion: 96 Resp: 271073
Ion Ratio Lower Upper
96 100
61 157.5 115.7 173.5
98 64.9 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 103.050 ug/l

RT: 5.382 min Scan# 1265

Delta R.T. 0.016 min

Lab File: VN069445.D

Acq: 10 Nov 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tgt Ion: 59 Resp: 25979

Ion Ratio Lower Upper

59 100

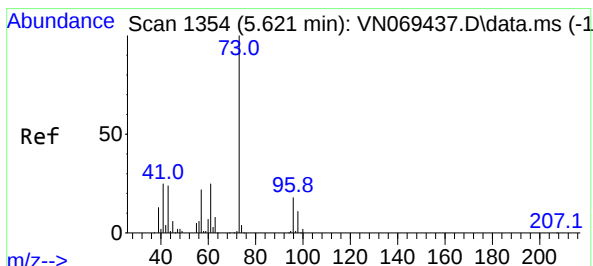
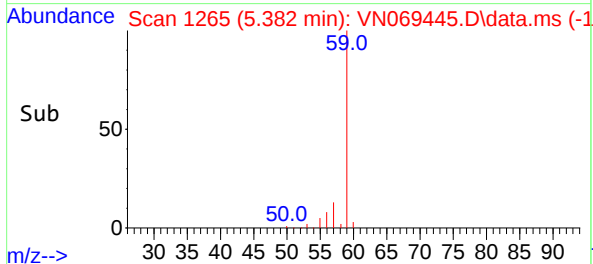
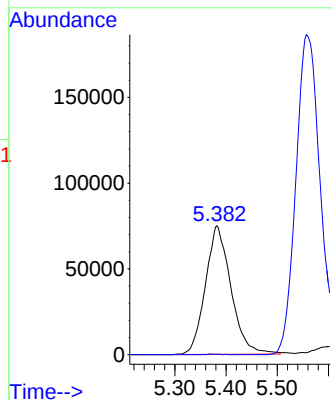
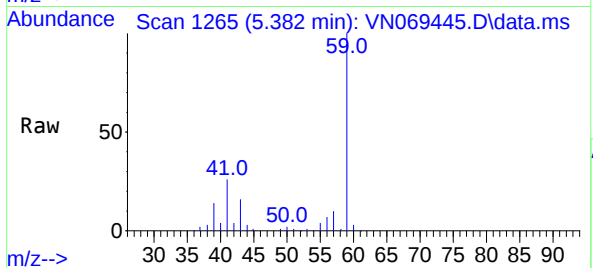
52 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#24

Methyl tert-Butyl Ether

Concen: 22.060 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. -0.003 min

Lab File: VN069445.D

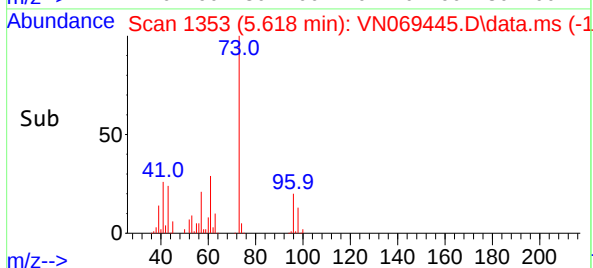
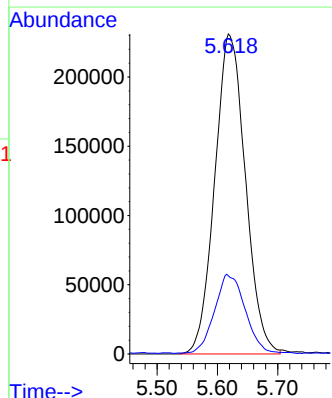
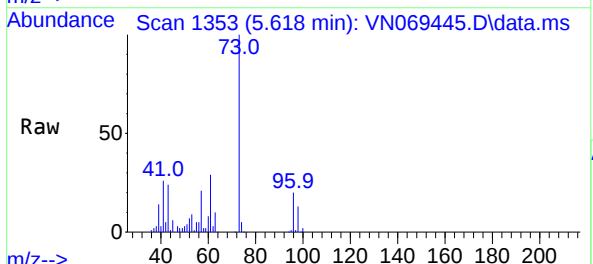
Acq: 10 Nov 2021 17:18

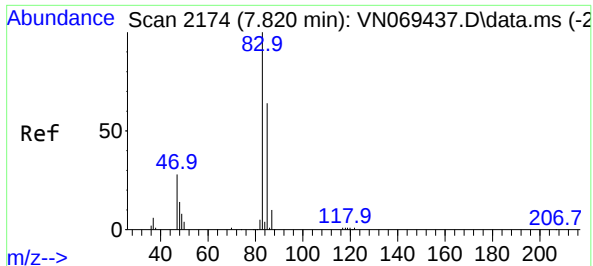
Tgt Ion: 73 Resp: 815090

Ion Ratio Lower Upper

73 100

43 24.5 18.1 27.1





#25

Chloroform

Concen: 22.075 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN069445.D

Acq: 10 Nov 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tgt Ion: 83 Resp: 486192

Ion Ratio Lower Upper

83 100

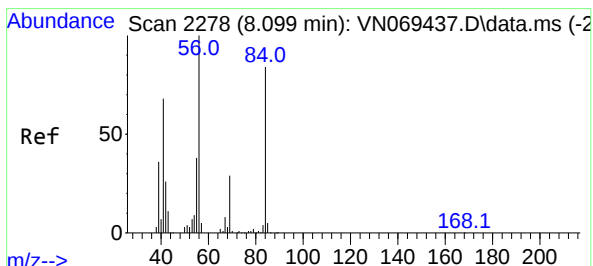
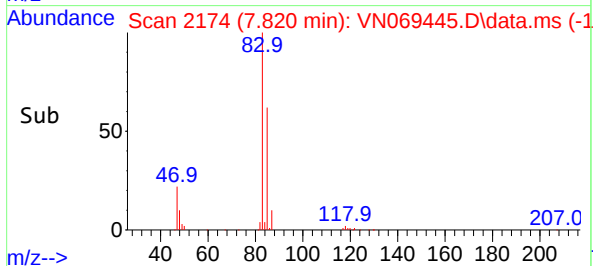
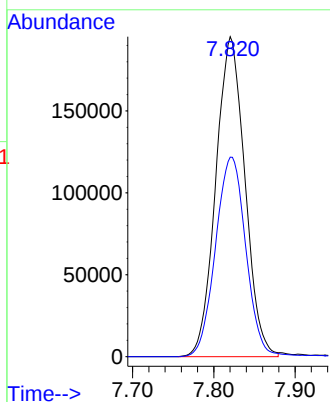
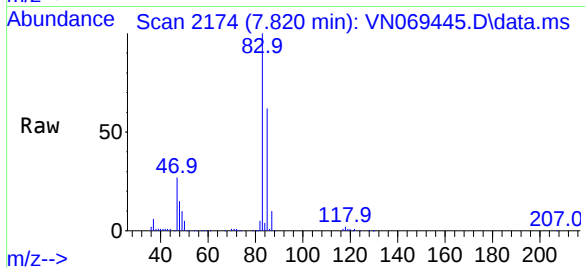
85 62.4 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#26

Cyclohexane

Concen: 22.658 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. -0.003 min

Lab File: VN069445.D

Acq: 10 Nov 2021 17:18

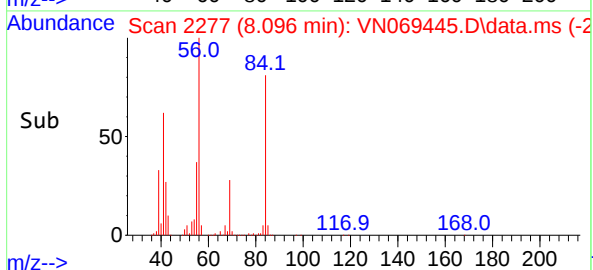
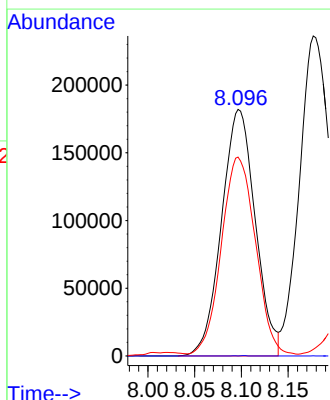
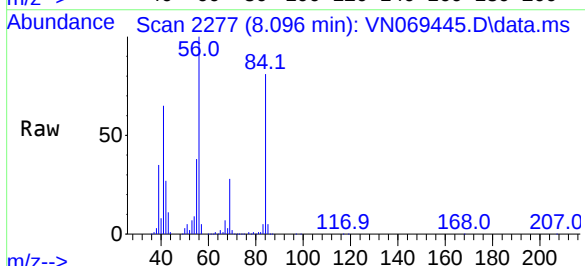
Tgt Ion: 56 Resp: 458237

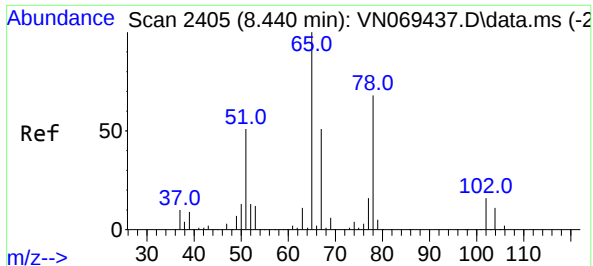
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 80.6 74.6 111.8





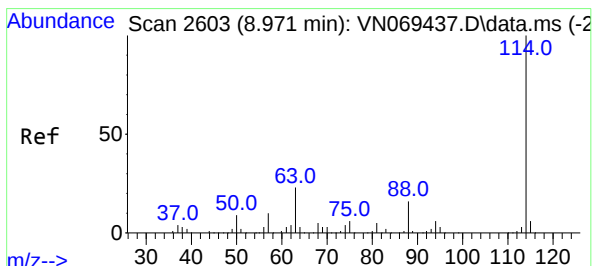
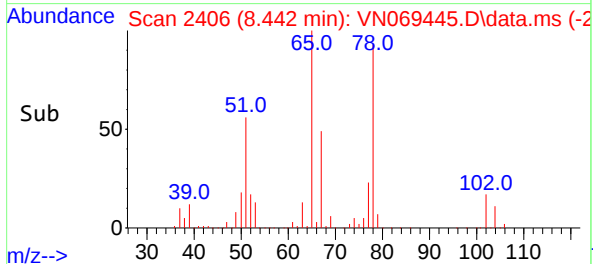
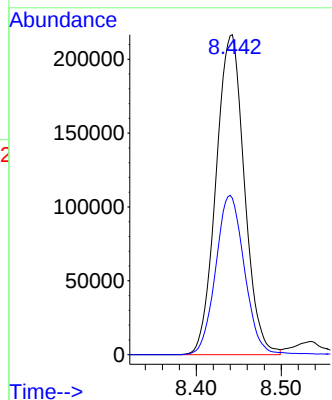
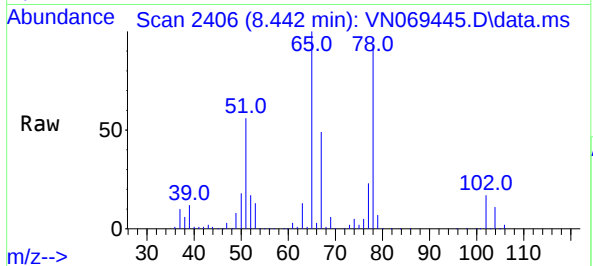
#27
1,2-Dichloroethane-d4
Concen: 31.401 ug/l
RT: 8.442 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 65 Resp: 50242
Ion Ratio Lower Upper
65 100
67 50.4 40.2 60.2

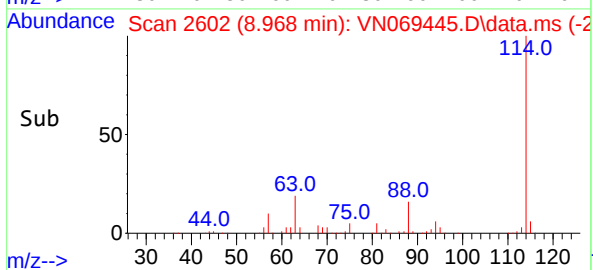
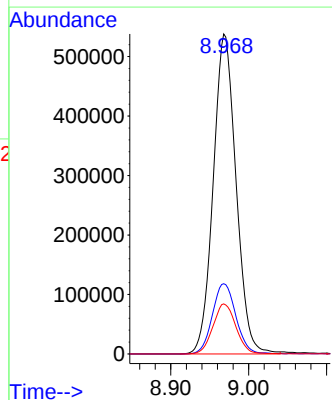
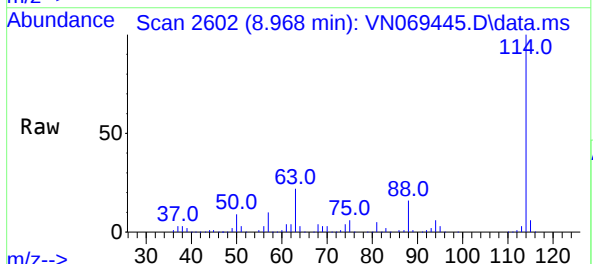
Manual Integrations
APPROVED

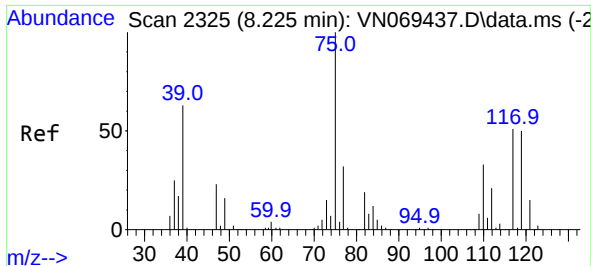
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Tgt Ion:114 Resp: 1094387
Ion Ratio Lower Upper
114 100
63 22.7 15.8 23.6
88 15.8 11.6 17.4





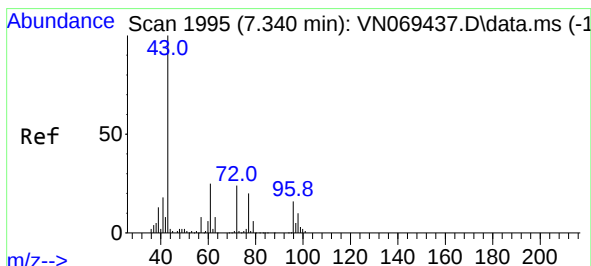
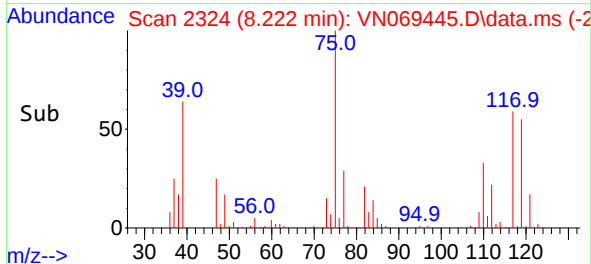
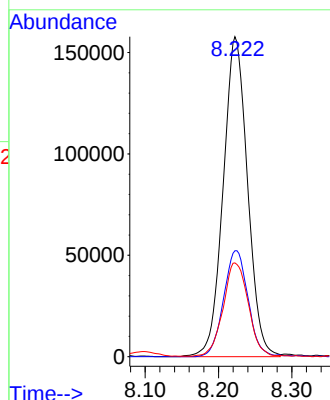
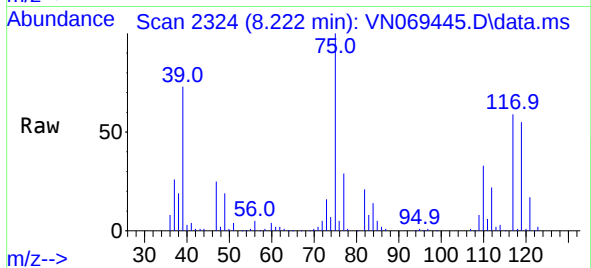
#29
1,1-Dichloropropene
Concen: 21.789 ug/l
RT: 8.222 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 75 Resp: 36400
Ion Ratio Lower Upper
75 100
110 33.2 0.0 74.2
77 30.1 0.0 63.2

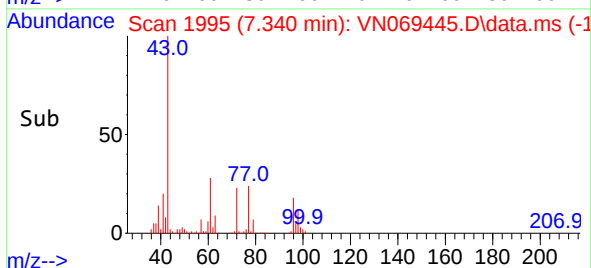
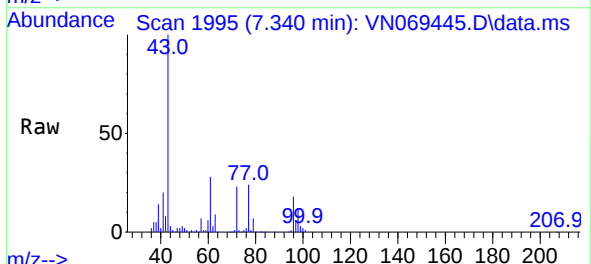
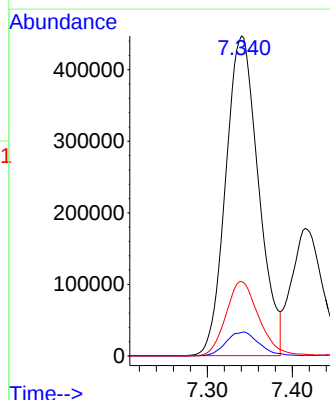
Manual Integrations
APPROVED

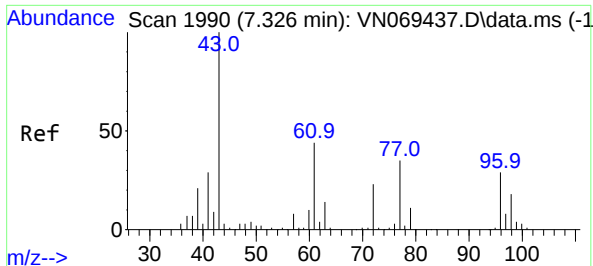
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#30
2-Butanone
Concen: 99.057 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Tgt Ion: 43 Resp: 1197807
Ion Ratio Lower Upper
43 100
57 7.7 6.7 10.1
72 23.6 23.2 34.8





#31

2,2-Dichloropropane

Concen: 21.096 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.003 min

Lab File: VN069445.D

Acq: 10 Nov 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tgt Ion: 77 Resp: 37258

Ion Ratio Lower Upper

77 100

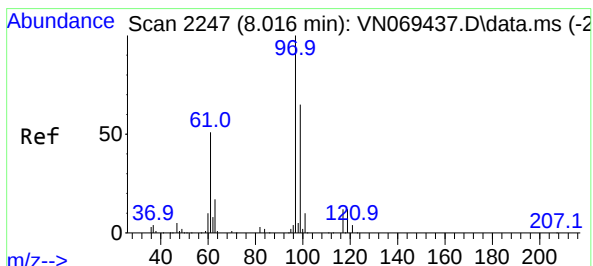
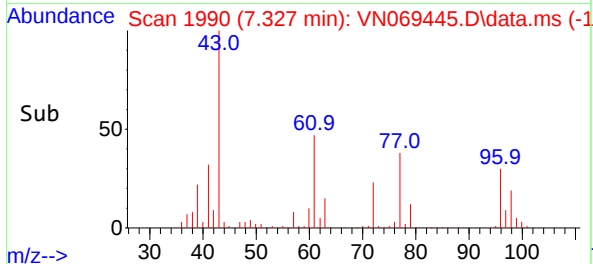
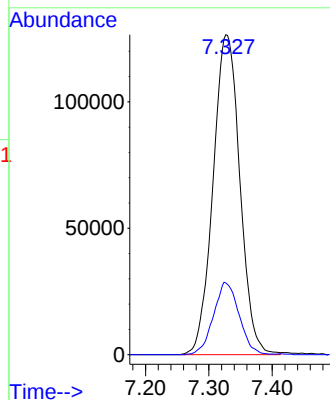
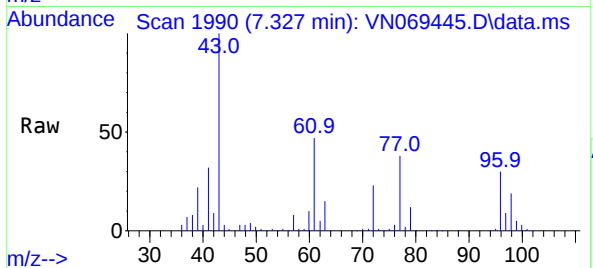
97 21.6 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#32

1,1,1-Trichloroethane

Concen: 20.885 ug/l

RT: 8.016 min Scan# 2247

Delta R.T. 0.000 min

Lab File: VN069445.D

Acq: 10 Nov 2021 17:18

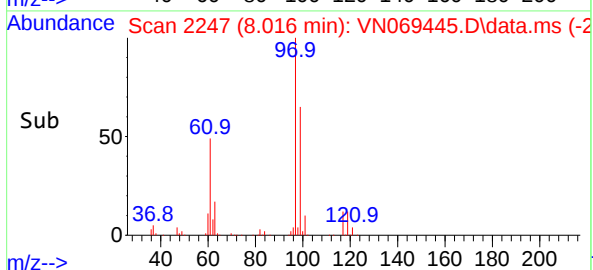
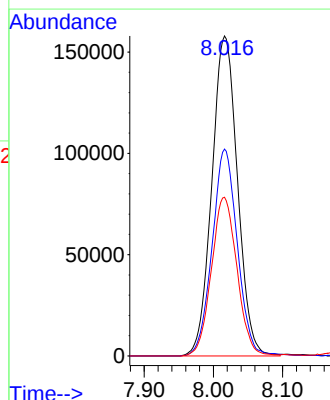
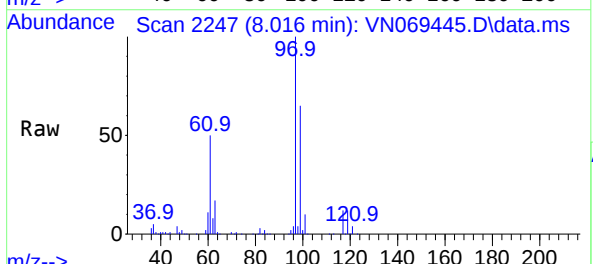
Tgt Ion: 97 Resp: 407310

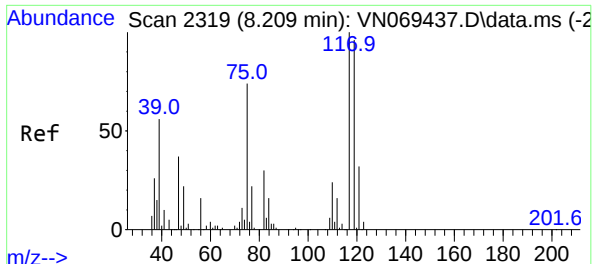
Ion Ratio Lower Upper

97 100

99 63.2 50.4 75.6

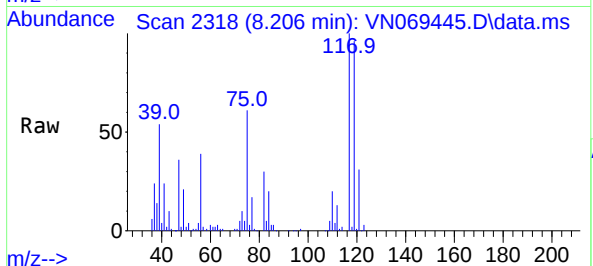
61 49.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.909 ug/l
RT: 8.206 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

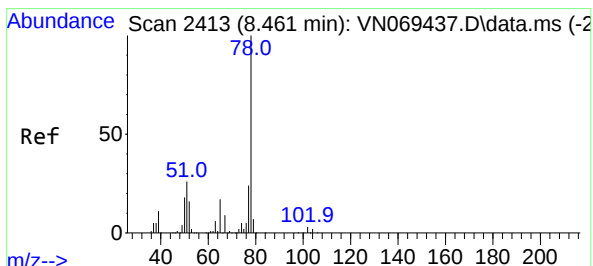
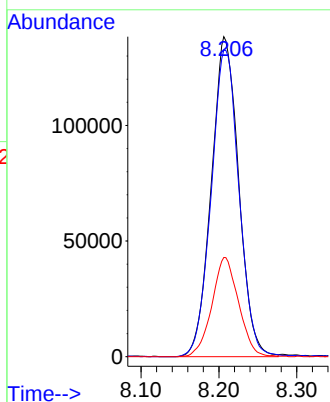
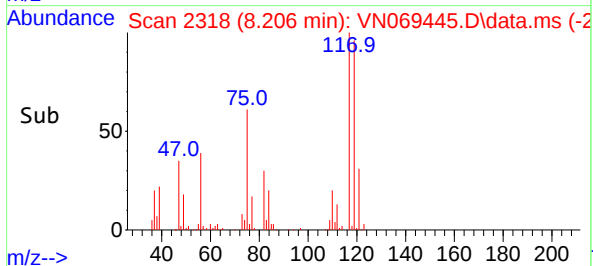
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



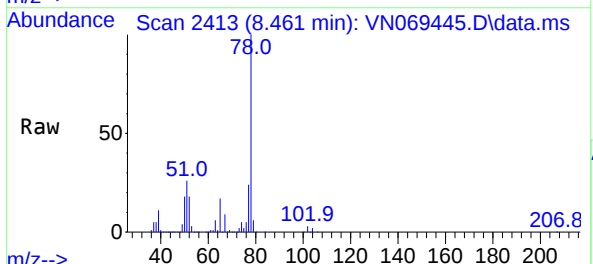
Tgt Ion:117 Resp: 33678
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
121 31.0 23.5 35.3

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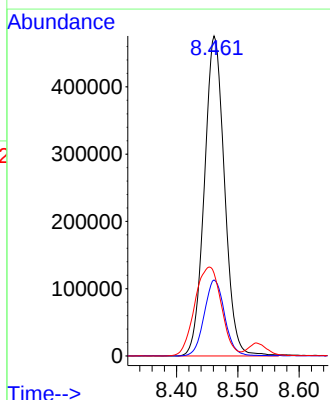
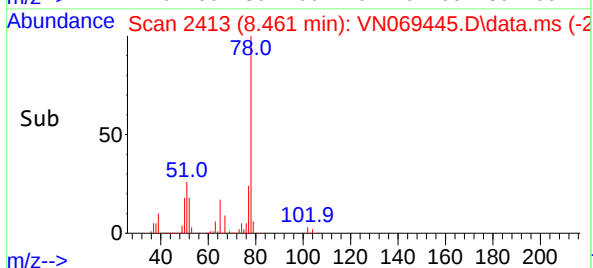
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

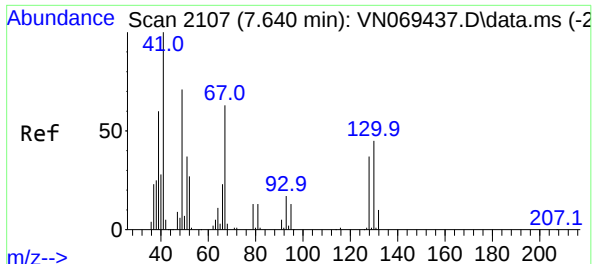


#34
Benzene
Concen: 21.434 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



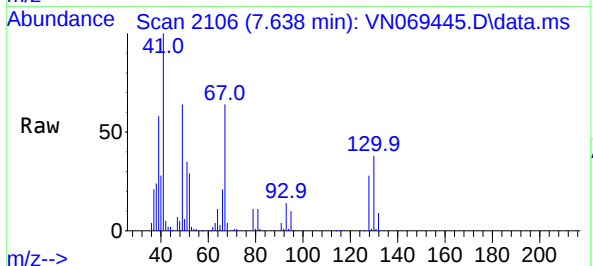
Tgt Ion: 78 Resp: 1088890
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7
51 25.4 16.0 24.0#





#35
Methacrylonitrile
Concen: 19.218 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

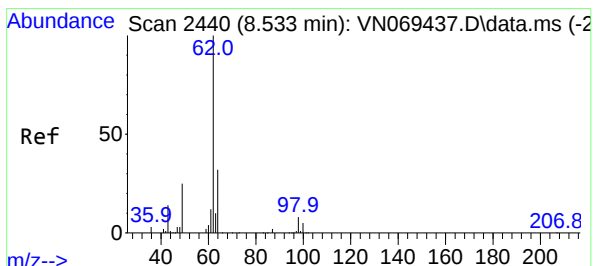
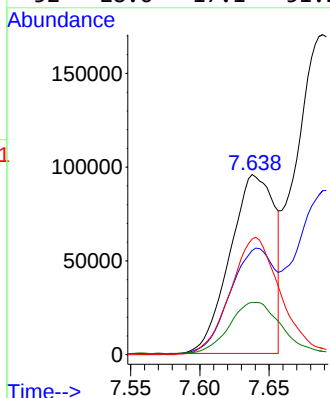
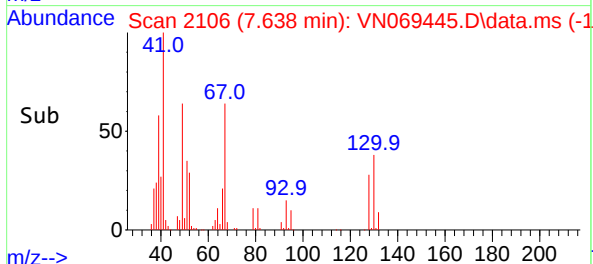
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



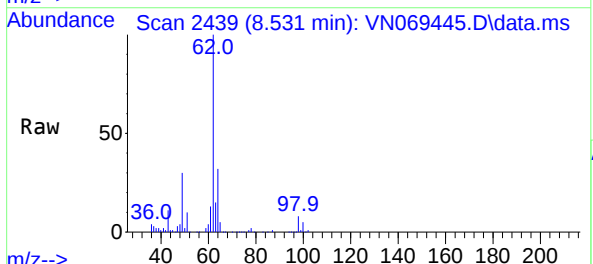
Tgt Ion: 41 Resp: 213140
Ion Ratio Lower Upper
41 100
39 57.5 28.0 83.9
67 64.3 37.7 113.1
52 28.6 17.1 51.2

Manual Integrations
APPROVED

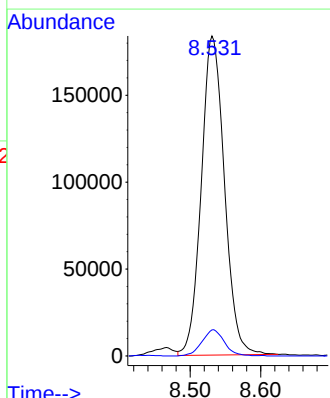
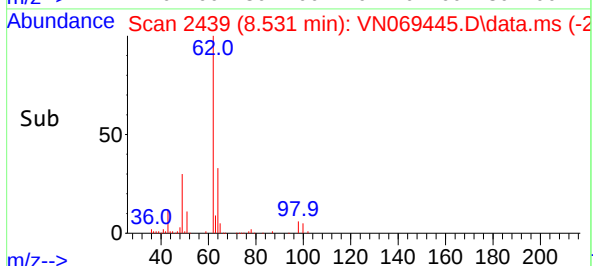
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

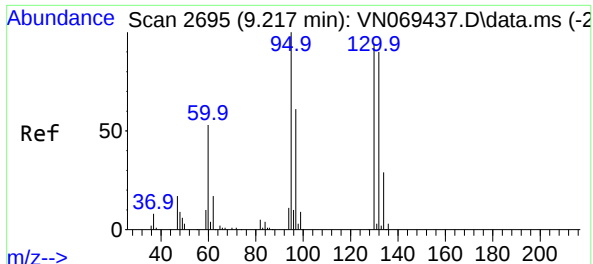


#36
1,2-Dichloroethane
Concen: 21.389 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



Tgt Ion: 62 Resp: 418917
Ion Ratio Lower Upper
62 100
98 8.0 6.6 10.0





#37

Trichloroethene

Concen: 21.064 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN069445.D

Acq: 10 Nov 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tgt Ion:130 Resp: 258520

Ion Ratio Lower Upper

130 100

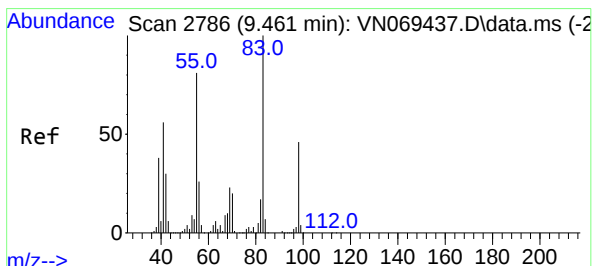
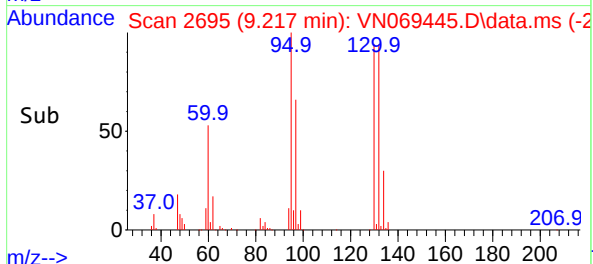
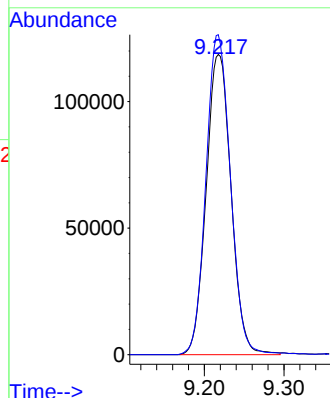
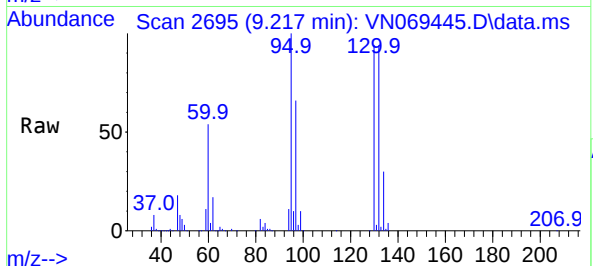
95 106.4 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#38

Methylcyclohexane

Concen: 22.017 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN069445.D

Acq: 10 Nov 2021 17:18

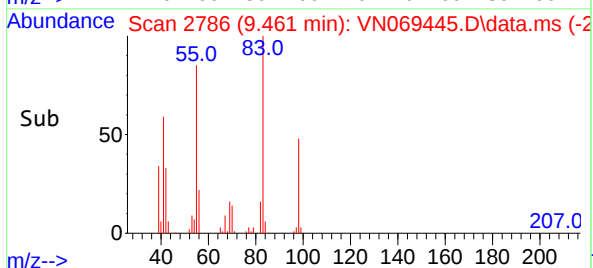
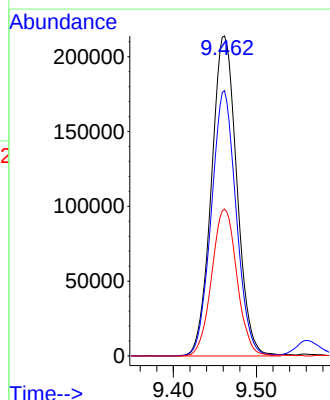
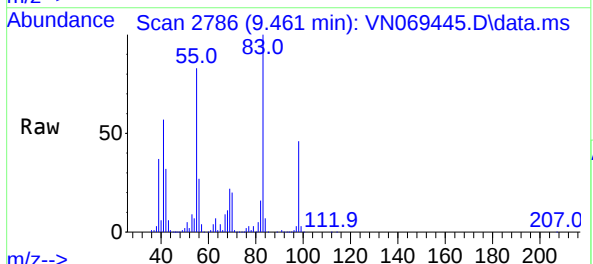
Tgt Ion: 83 Resp: 455051

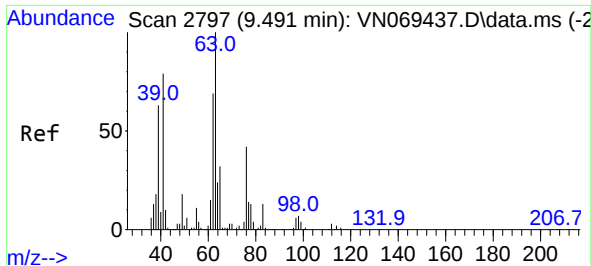
Ion Ratio Lower Upper

83 100

55 81.2 35.1 105.3

98 45.6 23.4 70.2





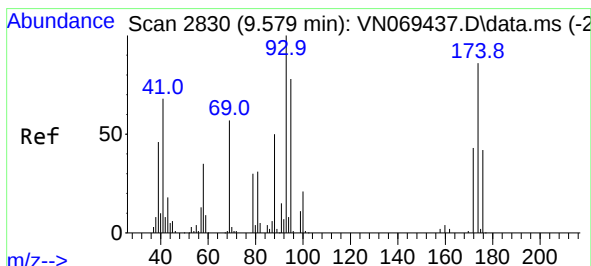
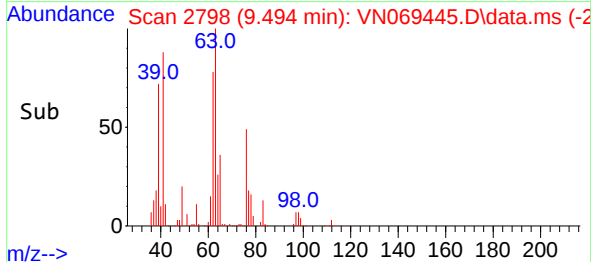
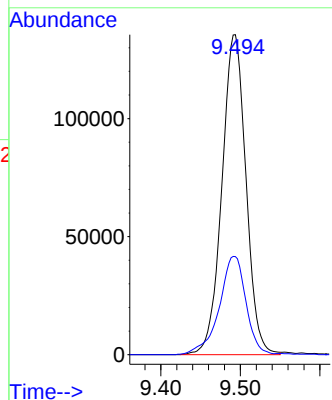
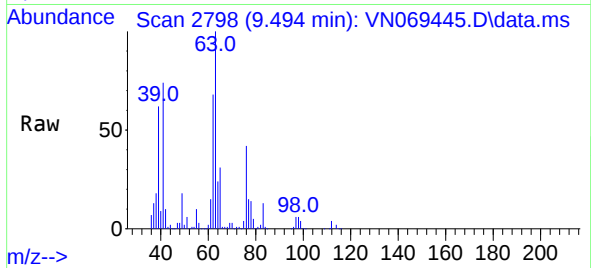
#39
1,2-Dichloropropane
Concen: 21.186 ug/l
RT: 9.494 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 63 Resp: 285060
Ion Ratio Lower Upper
63 100
65 30.5 24.2 36.4

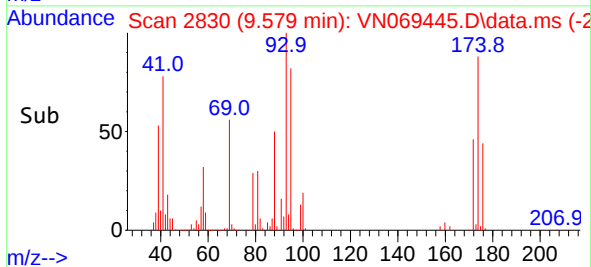
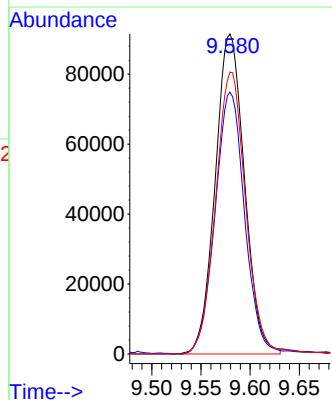
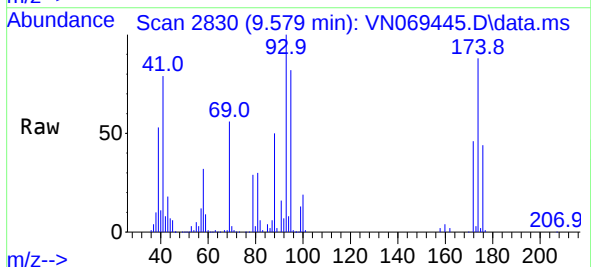
Manual Integrations
APPROVED

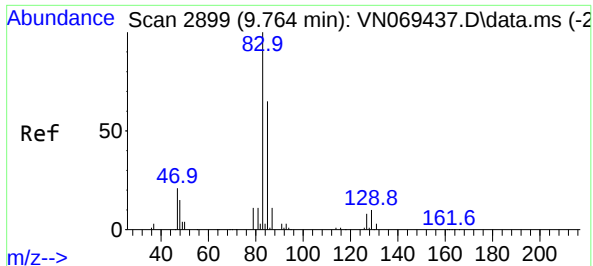
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#40
Dibromomethane
Concen: 21.035 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

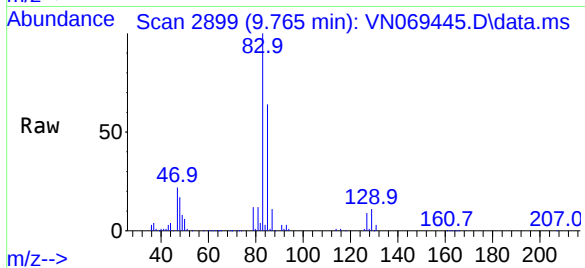
Tgt Ion: 93 Resp: 189550
Ion Ratio Lower Upper
93 100
95 82.2 0.0 168.8
174 90.0 0.0 173.6





#41
Bromodichloromethane
Concen: 20.300 ug/l
RT: 9.765 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

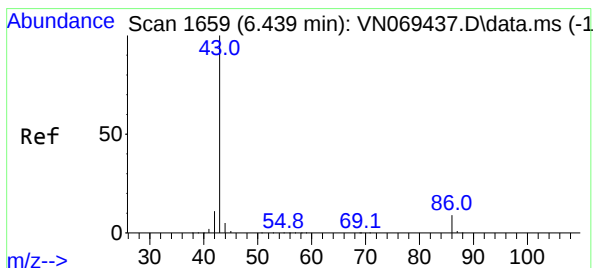
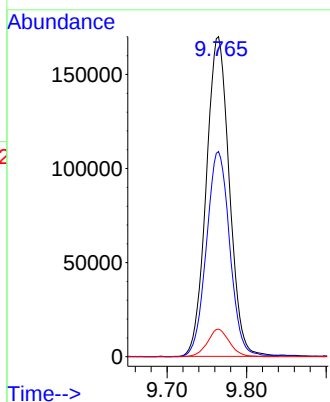
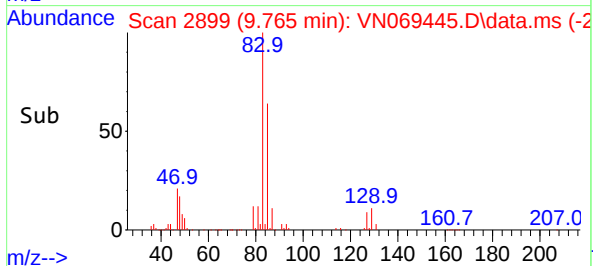
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



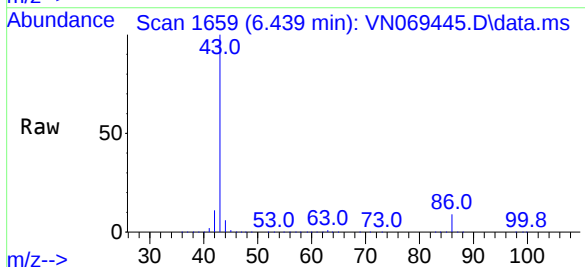
Tgt Ion: 83 Resp: 343344
Ion Ratio Lower Upper
83 100
85 64.1 54.1 81.1
127 8.6 7.6 11.4

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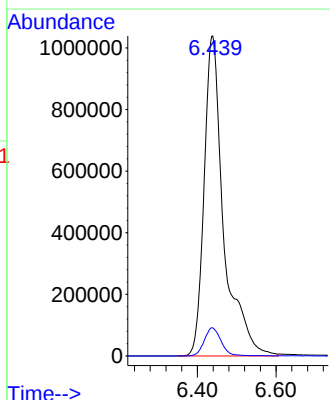
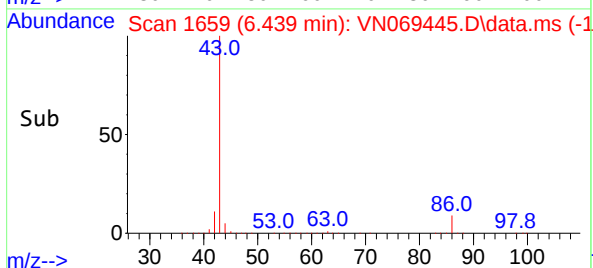
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

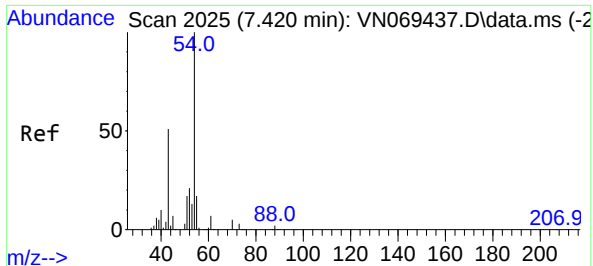


#42
Vinyl Acetate
Concen: 105.233 ug/l
RT: 6.439 min Scan# 1659
Delta R.T. 0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



Tgt Ion: 43 Resp: 3596084
Ion Ratio Lower Upper
43 100
86 7.5 7.5 11.3





#43

Ethyl Acetate

Concen: 19.726 ug/l

RT: 7.415 min Scan# 2025

Delta R.T. 0.003 min

Lab File: VN069445.D

Acq: 10 Nov 2021 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

Tgt Ion: 43 Resp: 442045

Ion Ratio Lower Upper

43 100

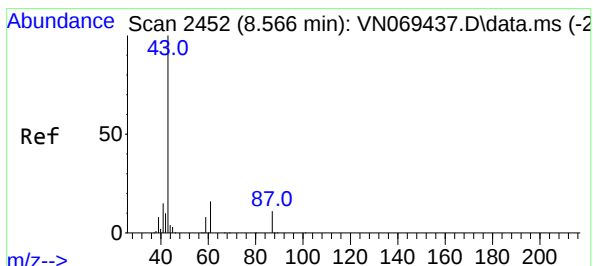
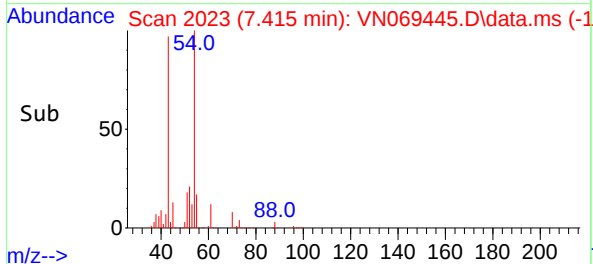
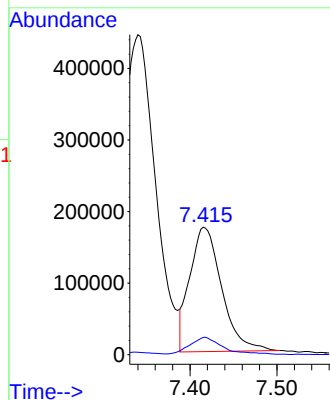
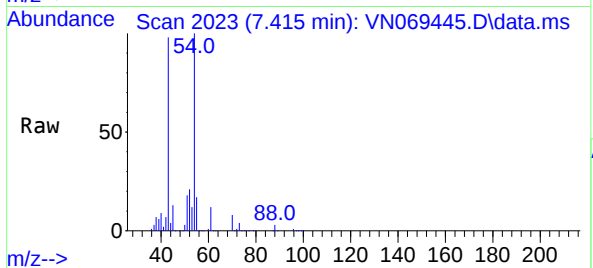
45 12.5 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#44

Isopropyl Acetate

Concen: 20.909 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. 0.003 min

Lab File: VN069445.D

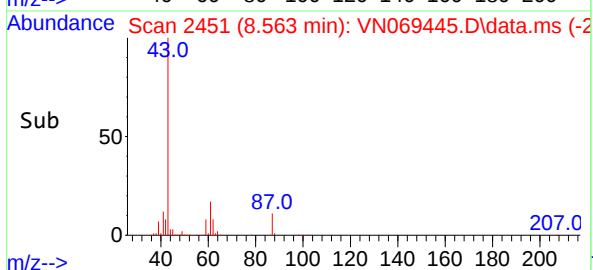
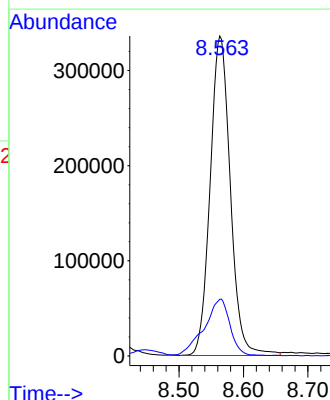
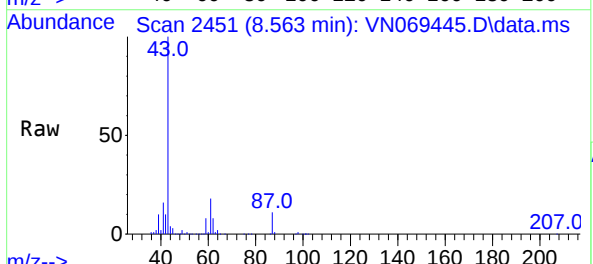
Acq: 10 Nov 2021 17:18

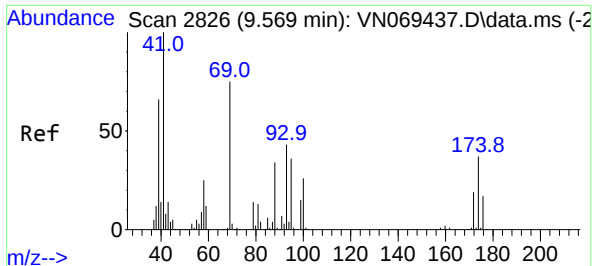
Tgt Ion: 43 Resp: 730484

Ion Ratio Lower Upper

43 100

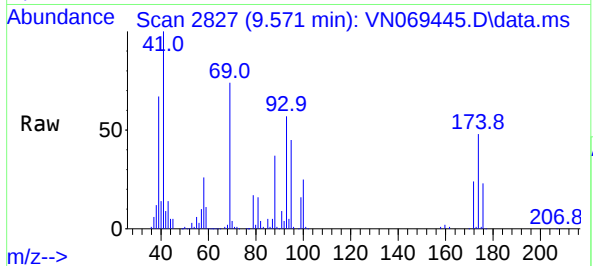
61 22.1 20.1 30.1





#45
1,4-Dioxane
Concen: 392.698 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

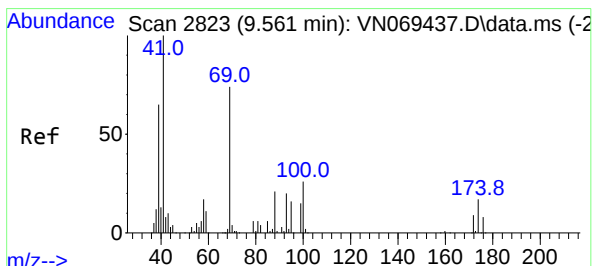
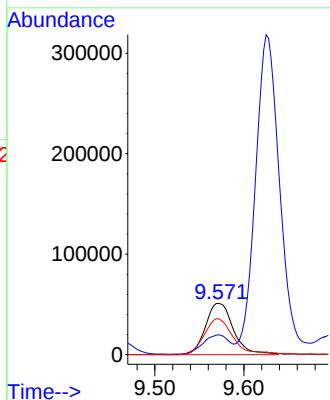
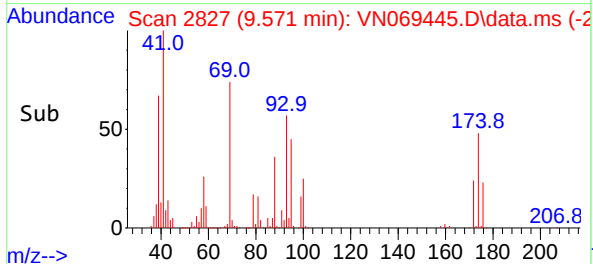
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



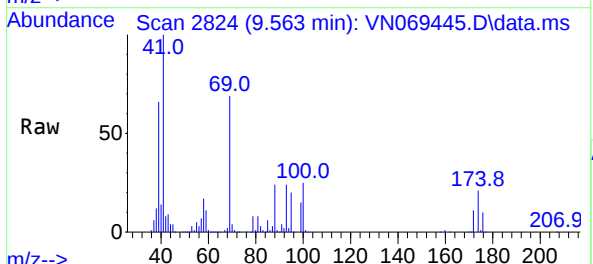
Tgt Ion: 88 Resp: 111369
Ion Ratio Lower Upper
88 100
43 35.3 25.0 37.6
58 70.6 49.4 74.2

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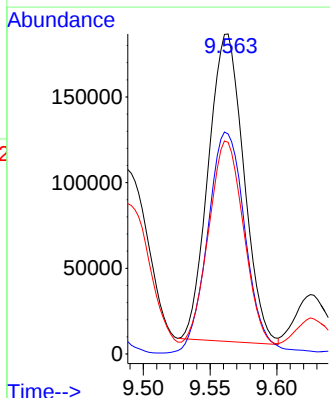
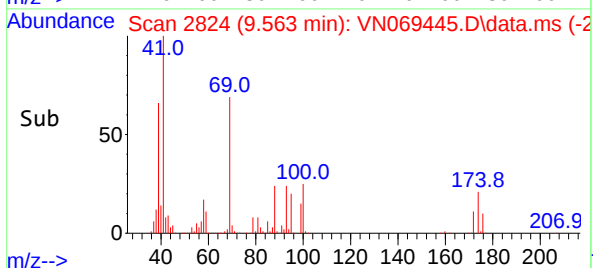
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

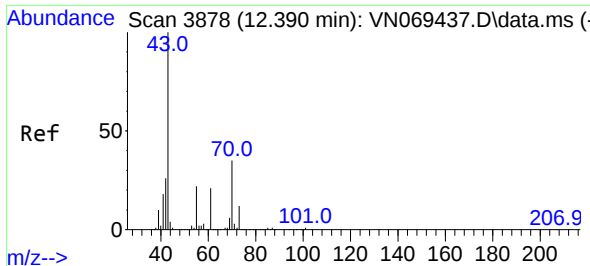


#46
Methyl methacrylate
Concen: 20.562 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



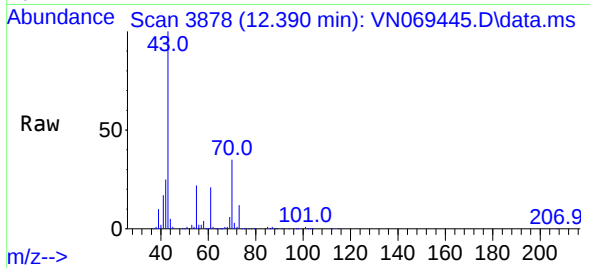
Tgt Ion: 41 Resp: 330850
Ion Ratio Lower Upper
41 100
69 71.1 44.4 133.2
39 66.1 39.9 119.6





#47
n-amyl acetate
Concen: 19.003 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

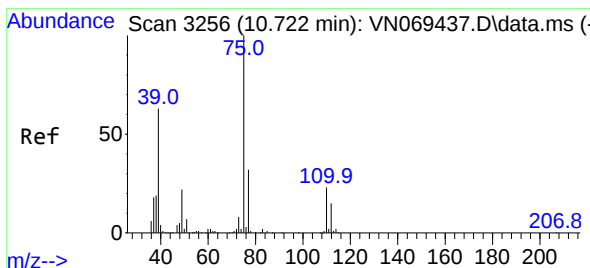
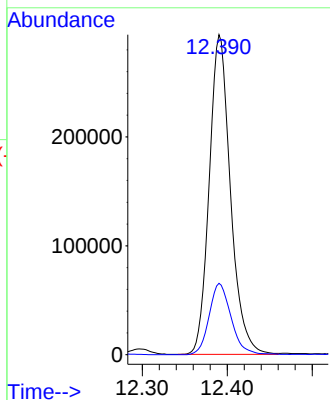
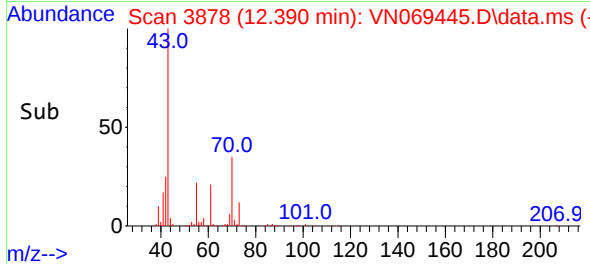
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



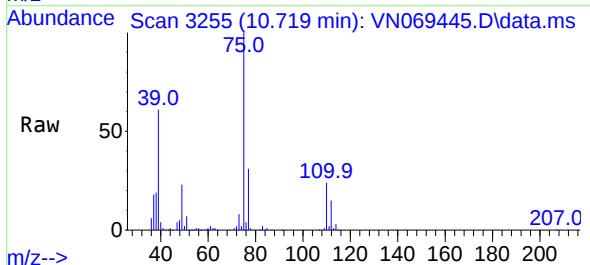
Tgt Ion: 43 Resp: 509822
Ion Ratio Lower Upper
43 100
55 23.0 19.0 28.6

Manual Integrations
APPROVED

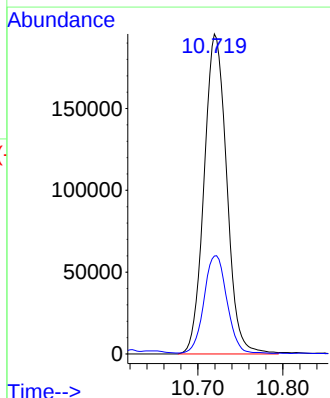
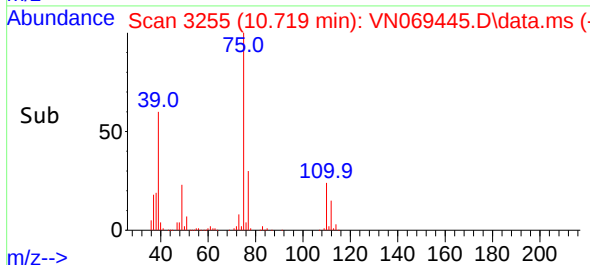
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

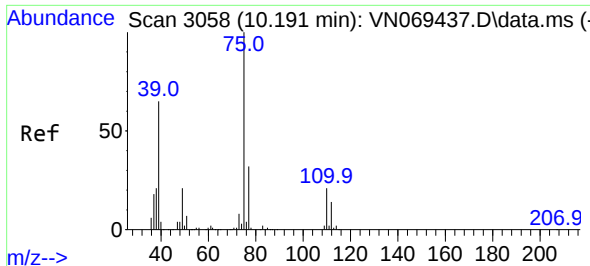


#48
t-1,3-Dichloropropene
Concen: 19.911 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



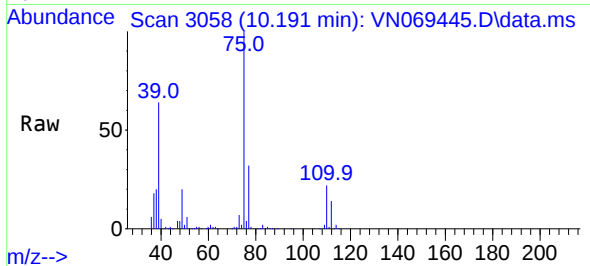
Tgt Ion: 75 Resp: 361417
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 20.292 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

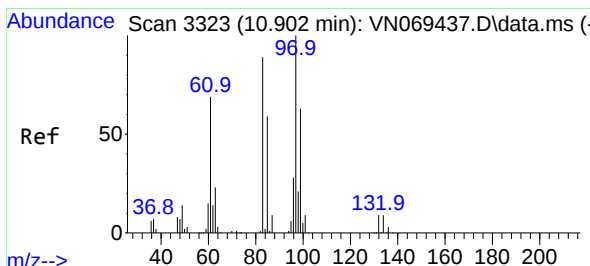
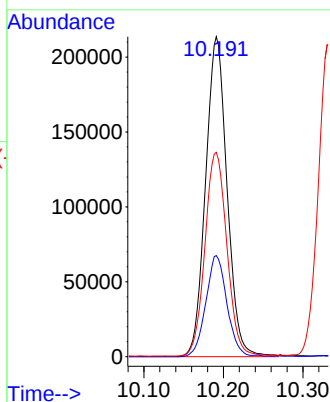
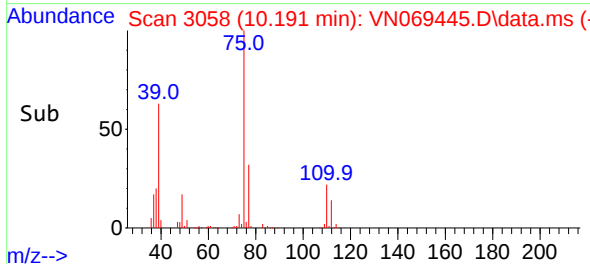
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



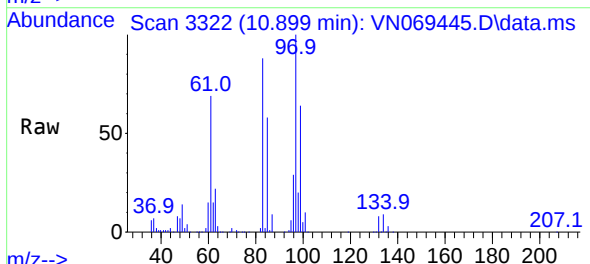
Tgt Ion: 75 Resp: 400804
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 63.6 46.2 69.4

Manual Integrations
APPROVED

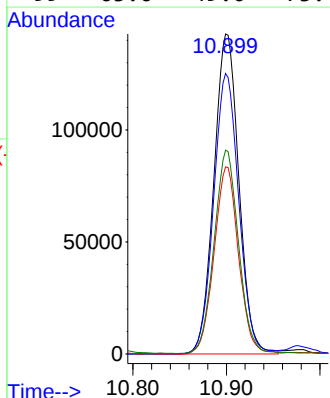
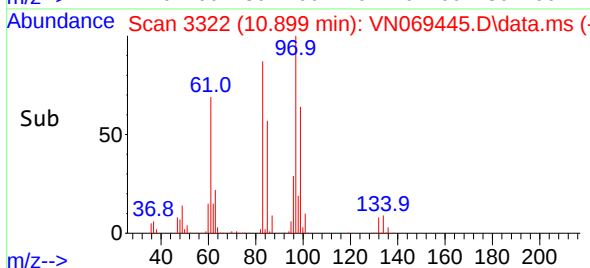
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

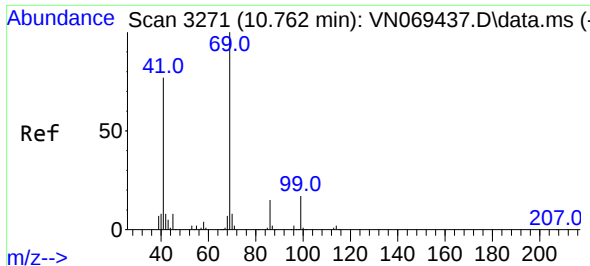


#50
1,1,2-Trichloroethane
Concen: 20.730 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



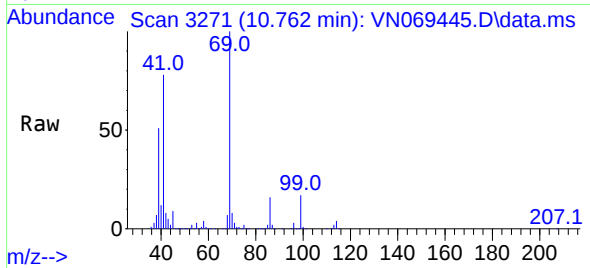
Tgt Ion: 97 Resp: 265262
Ion Ratio Lower Upper
97 100
83 87.6 67.2 100.8
85 58.4 43.0 64.4
99 63.6 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.187 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

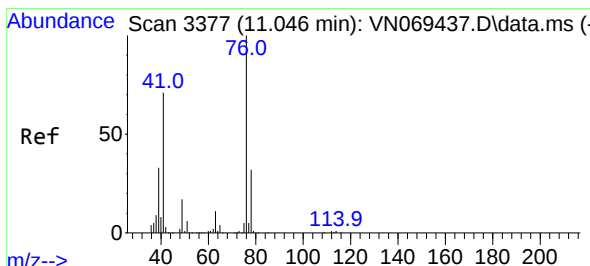
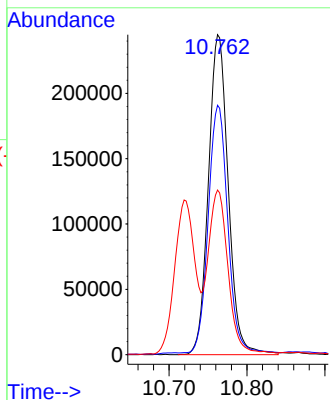
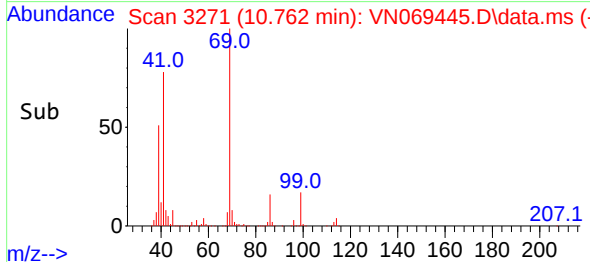
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



Tgt Ion: 69 Resp: 433094
Ion Ratio Lower Upper
69 100
41 77.4 33.0 98.9
39 50.9 25.4 76.4

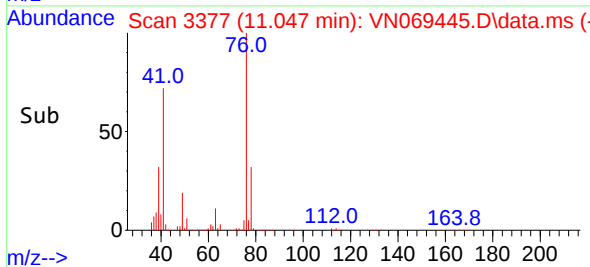
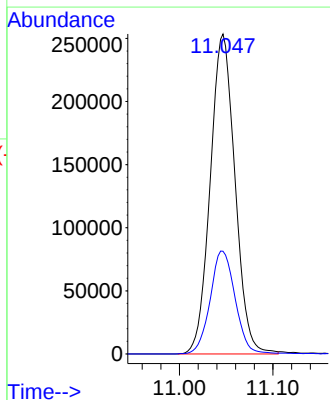
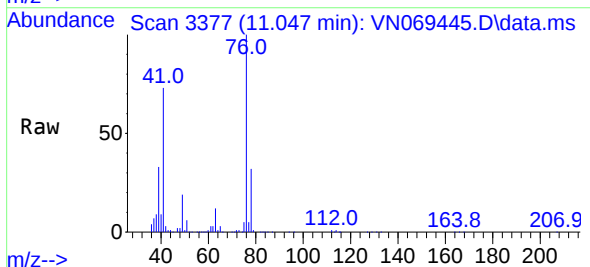
Manual Integrations
APPROVED

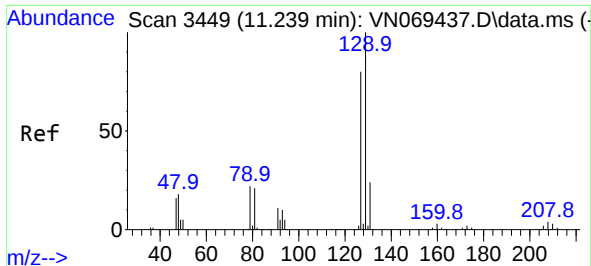
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#52
1,3-Dichloropropane
Concen: 21.131 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Tgt Ion: 76 Resp: 467075
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.4





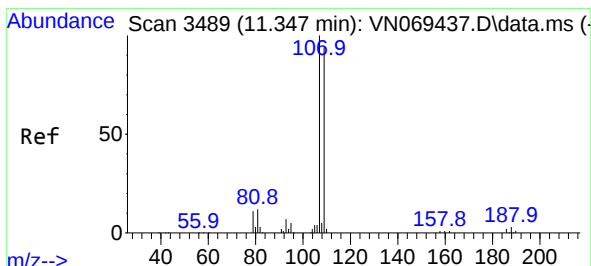
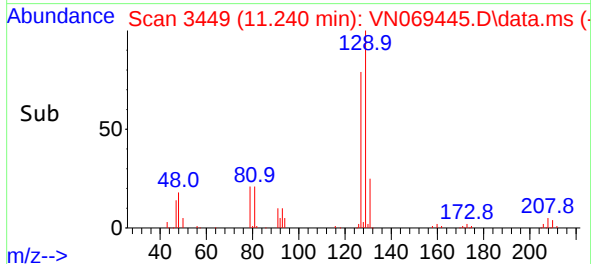
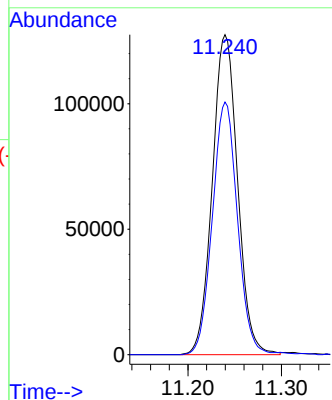
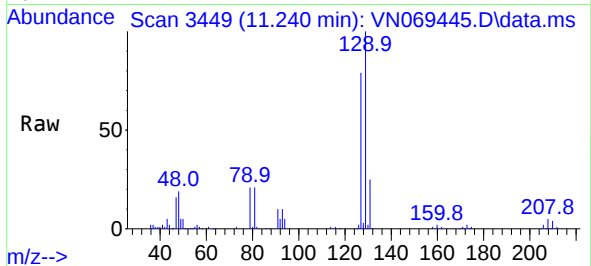
#53
Dibromochloromethane
Concen: 19.636 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion:129 Resp: 240107
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

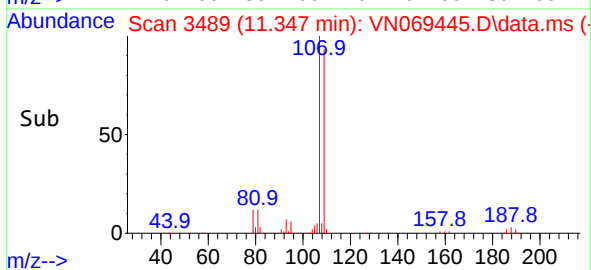
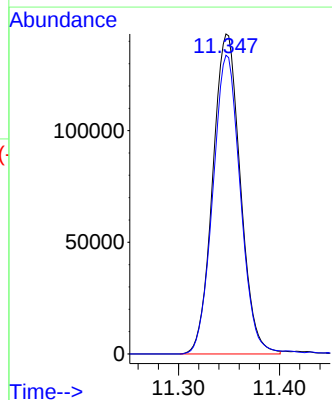
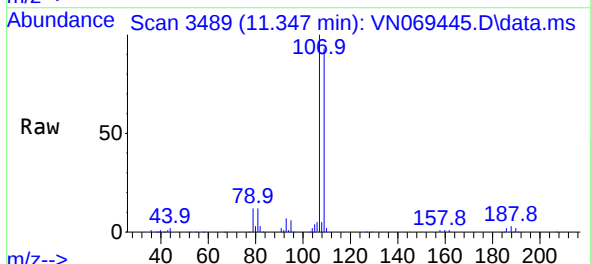
Manual Integrations
APPROVED

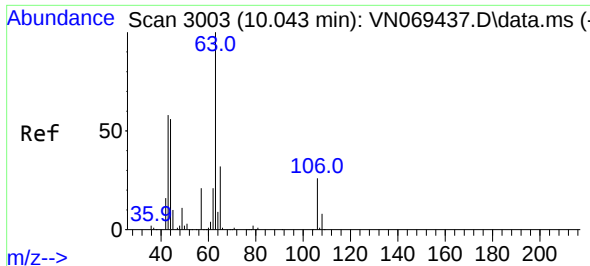
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#54
1,2-Dibromoethane
Concen: 20.483 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Tgt Ion:107 Resp: 271455
Ion Ratio Lower Upper
107 100
109 93.0 72.8 109.2





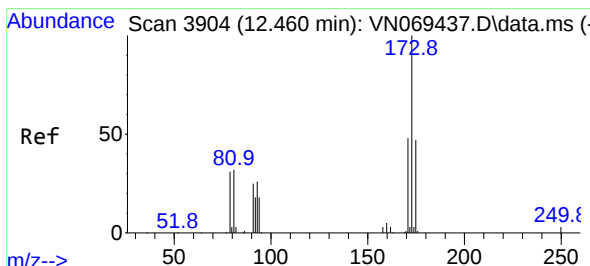
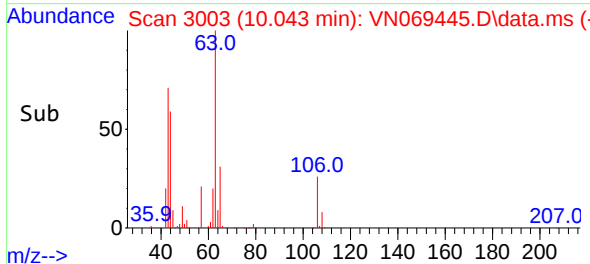
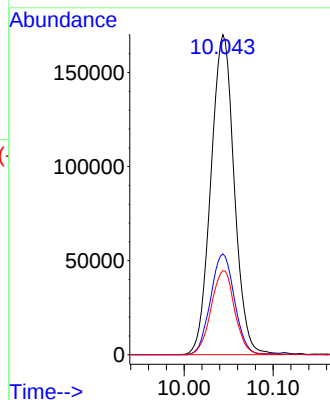
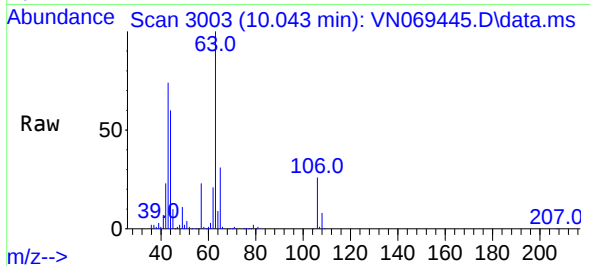
#55
2-Chloroethyl vinyl ether
Concen: 63.604 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 63 Resp: 310389
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 26.4 23.2 34.8

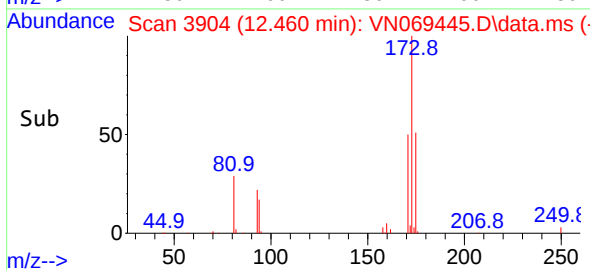
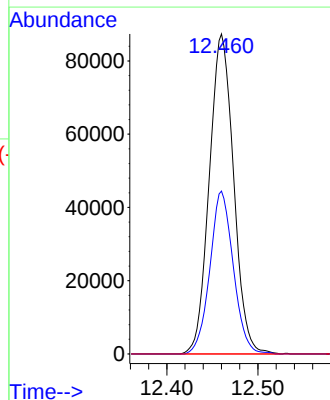
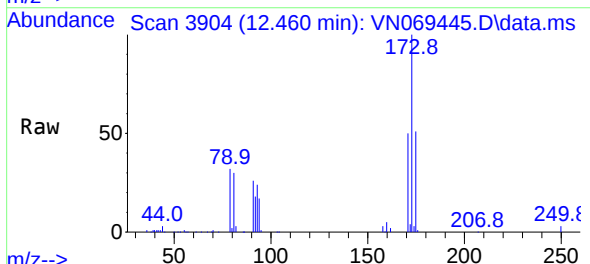
Manual Integrations
APPROVED

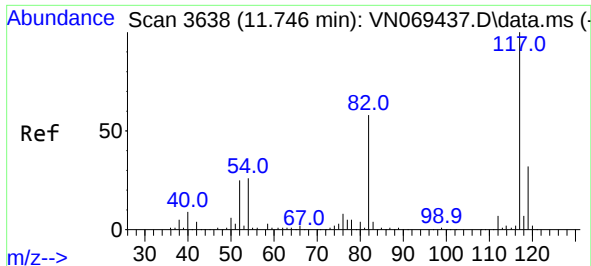
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#56
Bromoform
Concen: 18.441 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Tgt Ion:173 Resp: 161704
Ion Ratio Lower Upper
173 100
175 49.1 38.6 58.0
254 0.0 0.0 0.0





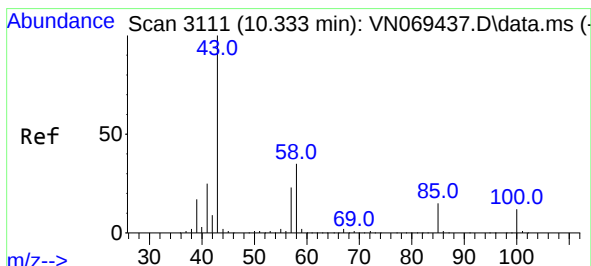
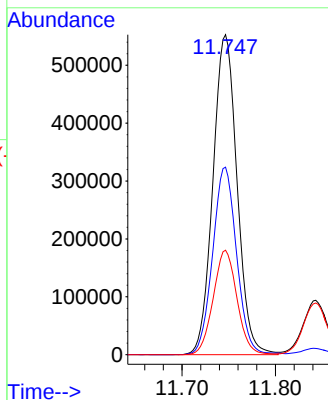
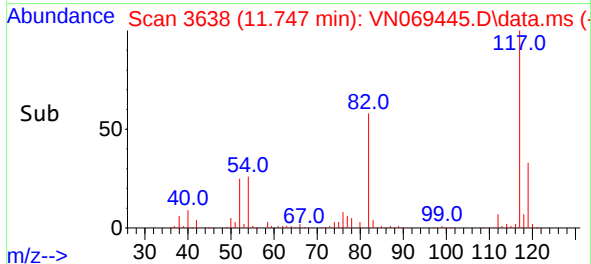
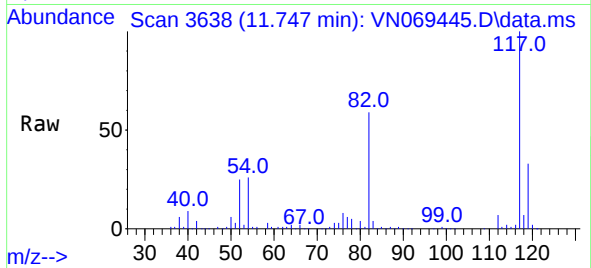
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 117 Resp: 993739
Ion Ratio Lower Upper
117 100
82 58.1 43.6 65.4
119 32.2 25.8 38.6

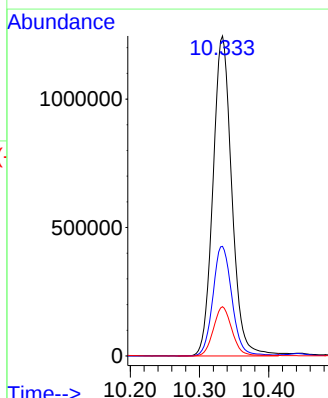
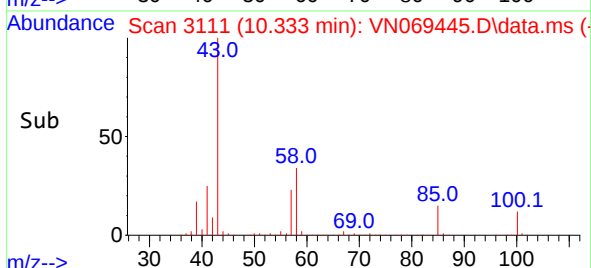
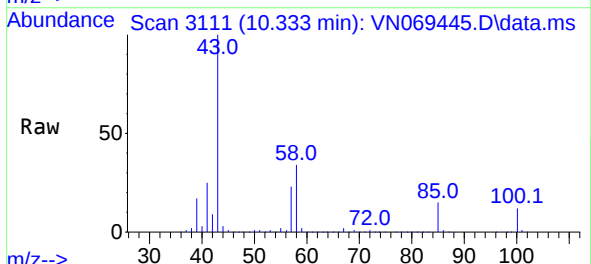
Manual Integrations
APPROVED

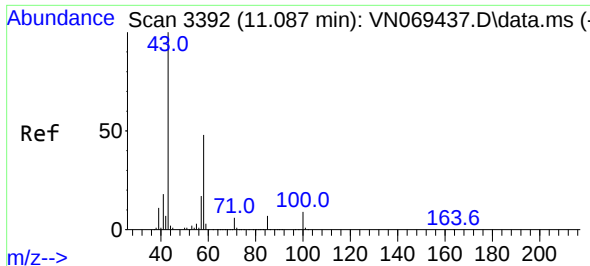
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#58
4-Methyl-2-Pentanone
Concen: 107.811 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

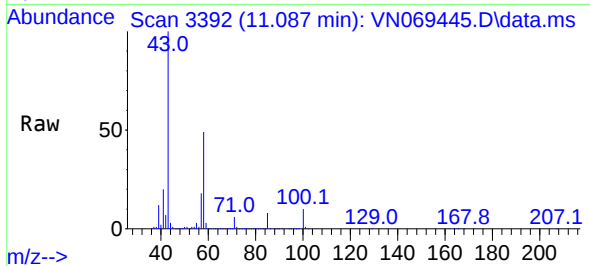
Tgt Ion: 43 Resp: 2351729
Ion Ratio Lower Upper
43 100
58 34.8 30.0 45.0
85 15.2 15.0 22.6





#59
2-Hexanone
Concen: 101.861 ug/l
RT: 11.087 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

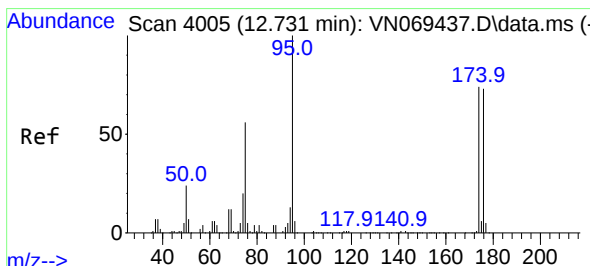
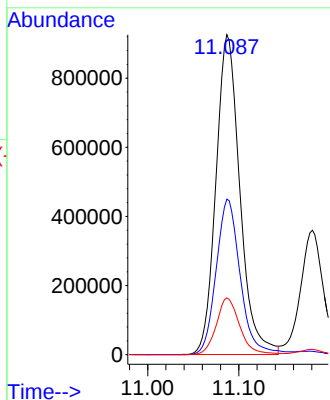
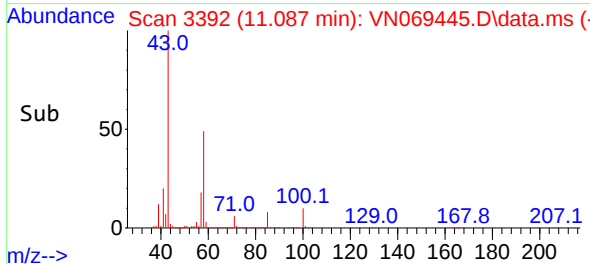
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



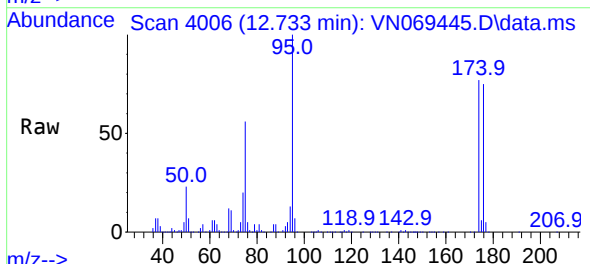
Tgt Ion: 43 Resp: 169014
Ion Ratio Lower Upper
43 100
58 49.0 42.2 63.2
57 17.4 15.0 22.4

Manual Integrations
APPROVED

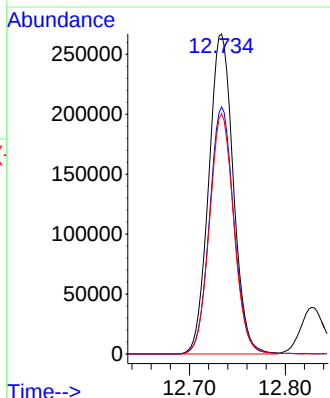
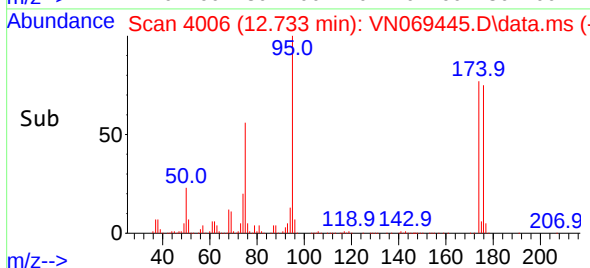
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

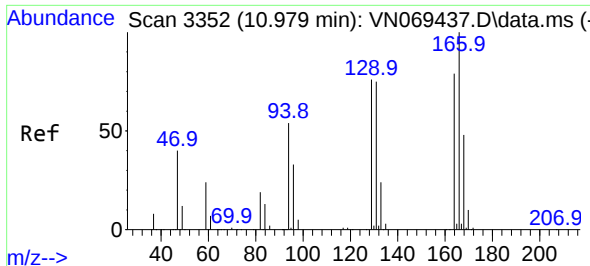


#60
4-Bromofluorobenzene
Concen: 29.841 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



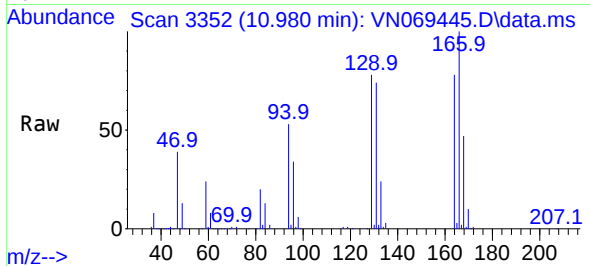
Tgt Ion: 95 Resp: 474545
Ion Ratio Lower Upper
95 100
174 76.7 62.9 94.3
176 74.3 61.0 91.4





#61
Tetrachloroethene
Concen: 22.222 ug/l
RT: 10.980 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

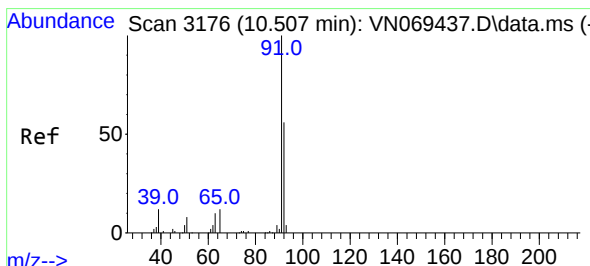
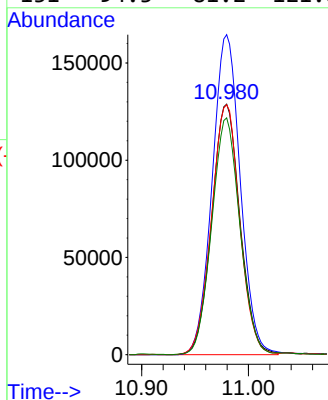
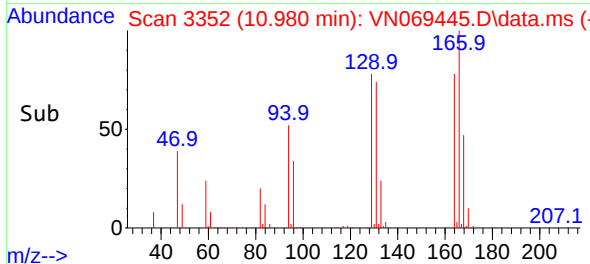
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



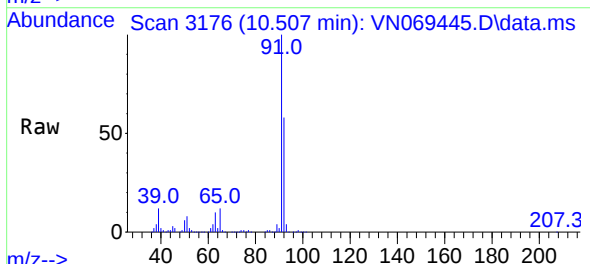
Tgt Ion:164 Resp: 237010
Ion Ratio Lower Upper
164 100
166 127.7 105.8 158.8
129 99.7 82.5 123.7
131 94.3 81.2 121.8

Manual Integrations
APPROVED

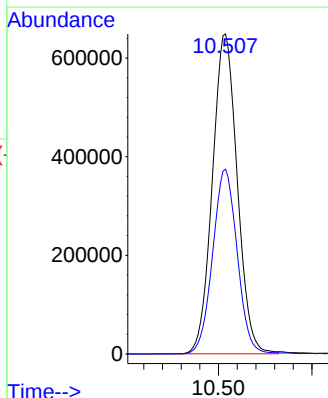
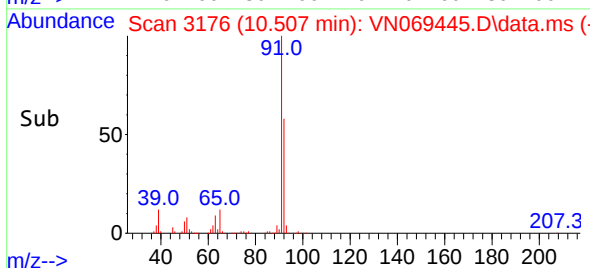
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

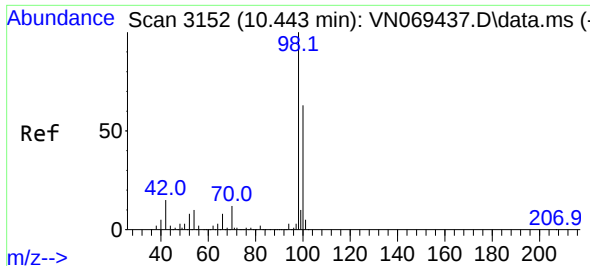


#62
Toluene
Concen: 21.973 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



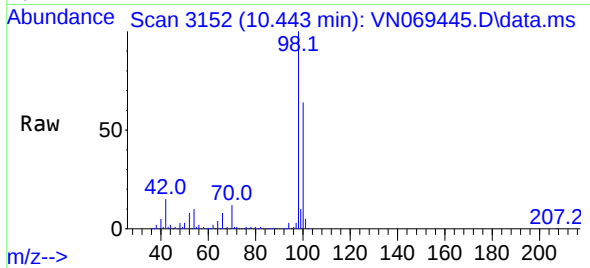
Tgt Ion: 91 Resp: 1199907
Ion Ratio Lower Upper
91 100
92 57.0 44.6 67.0





#63
Toluene-d8
Concen: 30.953 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

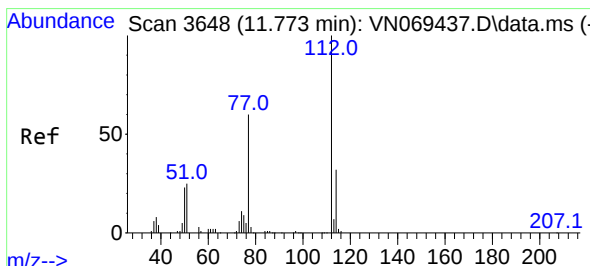
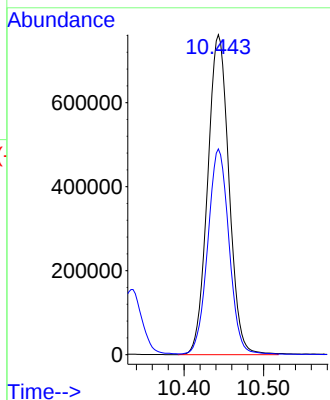
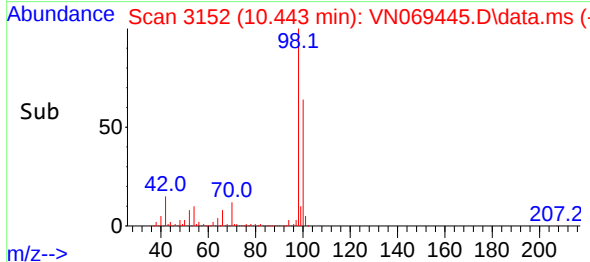
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



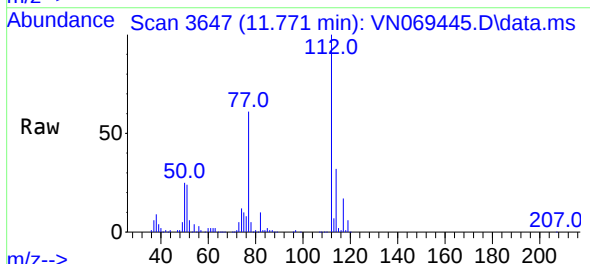
Tgt Ion: 98 Resp: 1420220
Ion Ratio Lower Upper
98 100
100 63.8 50.6 76.0

Manual Integrations
APPROVED

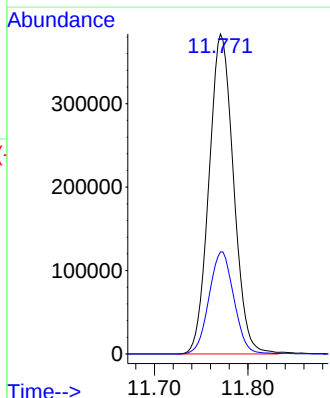
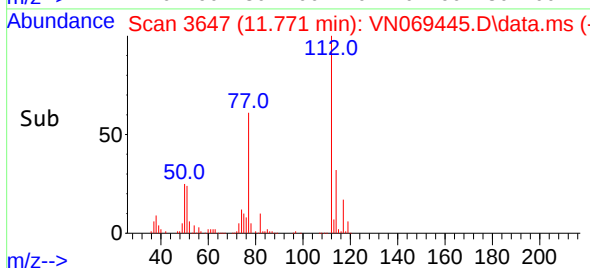
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

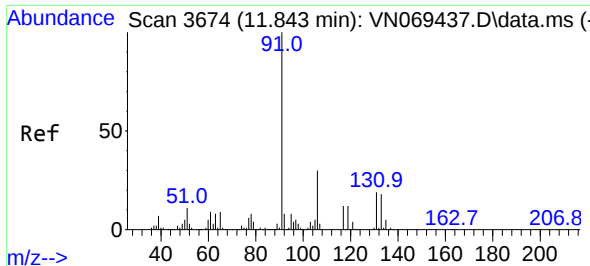


#64
Chlorobenzene
Concen: 21.375 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



Tgt Ion:112 Resp: 700310
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6





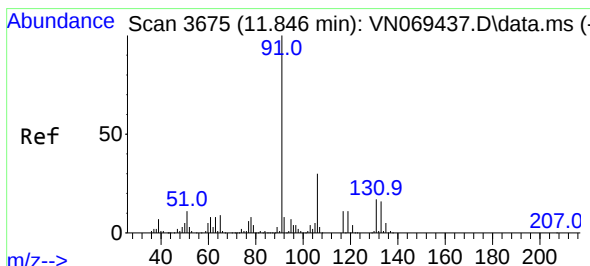
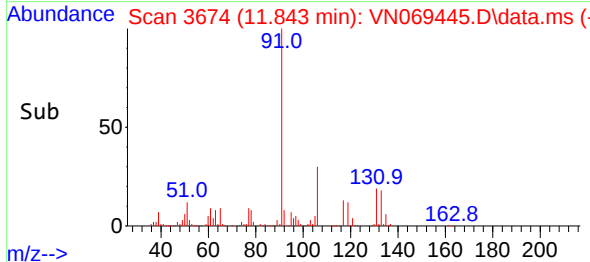
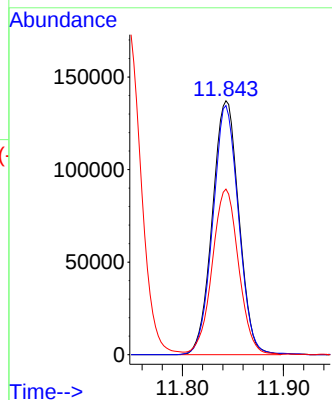
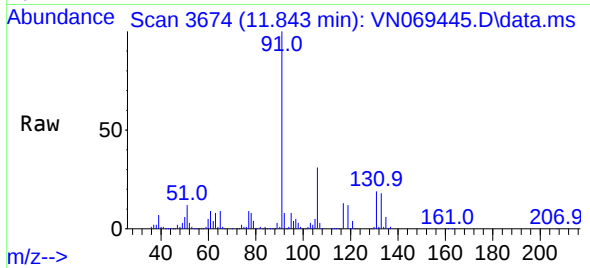
#65
1,1,1,2-Tetrachloroethane
Concen: 21.695 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion:131 Resp: 250231
Ion Ratio Lower Upper
131 100
133 95.3 0.0 191.2
119 65.1 0.0 128.8

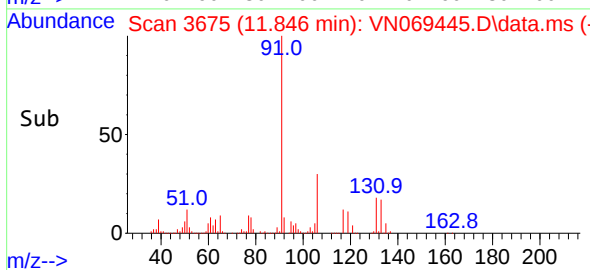
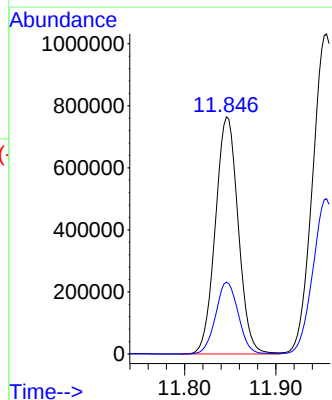
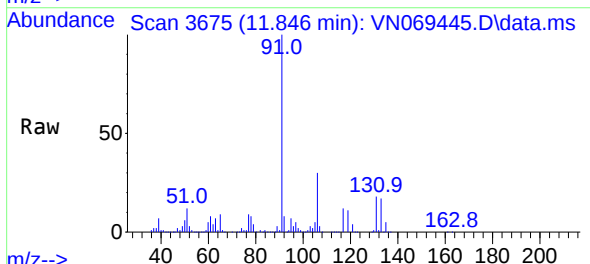
Manual Integrations
APPROVED

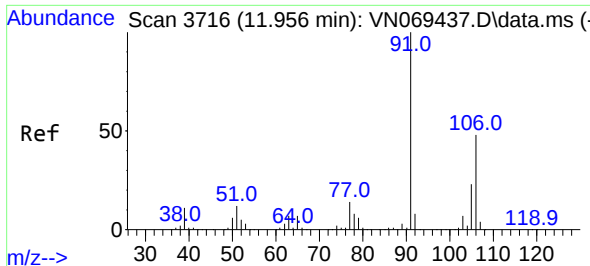
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#66
Ethyl Benzene
Concen: 22.031 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Tgt Ion: 91 Resp: 1331631
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0





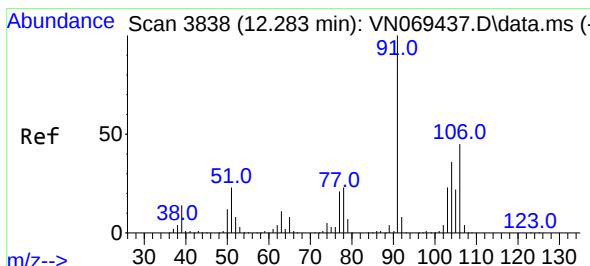
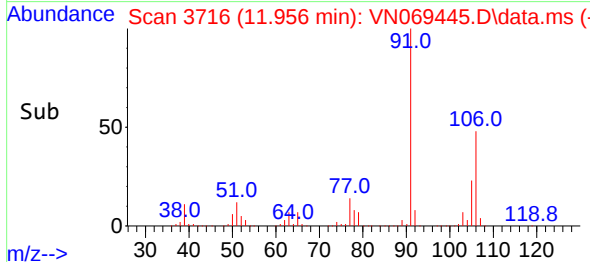
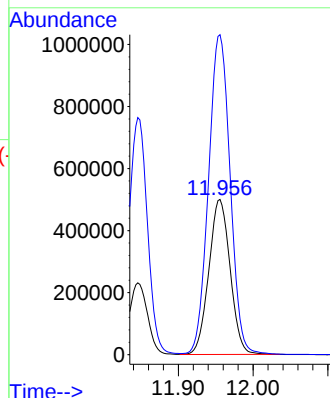
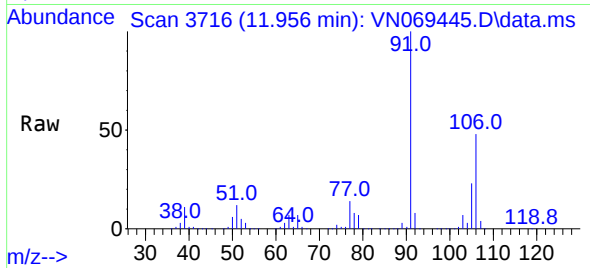
#67
m/p-Xylenes
Concen: 44.124 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion:106 Resp: 990582
Ion Ratio Lower Upper
106 100
91 209.3 162.9 244.3

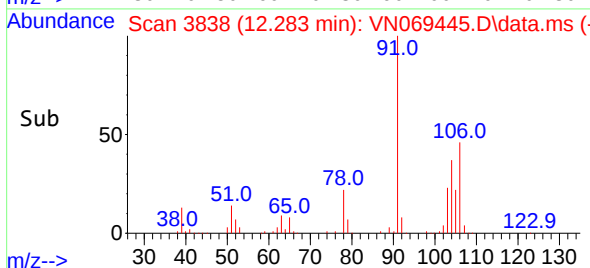
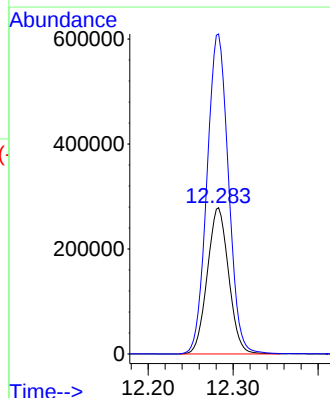
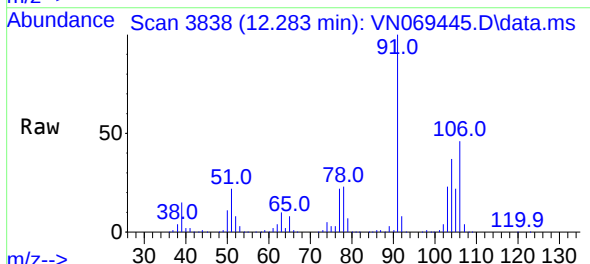
Manual Integrations
APPROVED

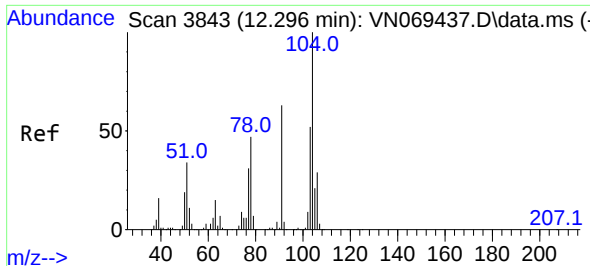
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#68
o-Xylene
Concen: 21.666 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Tgt Ion:106 Resp: 487015
Ion Ratio Lower Upper
106 100
91 220.4 107.7 323.1





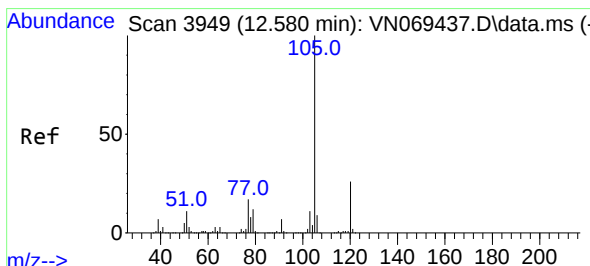
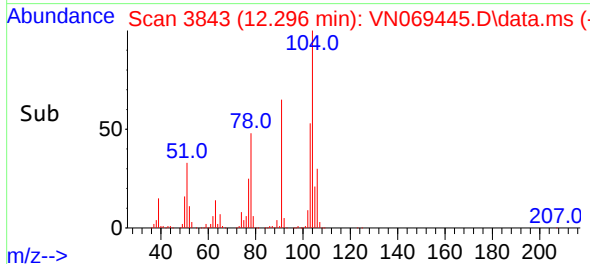
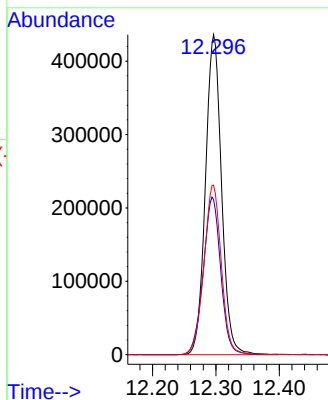
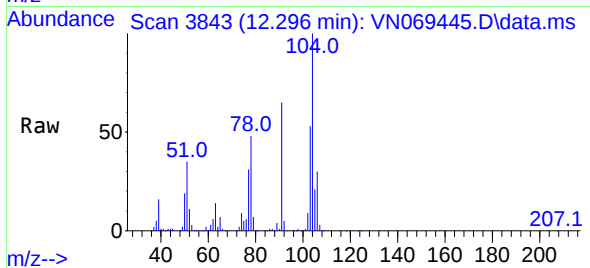
#69
Styrene
Concen: 21.118 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion:104 Resp: 769604
Ion Ratio Lower Upper
104 100
78 53.5 40.7 61.1
103 57.1 45.8 68.8

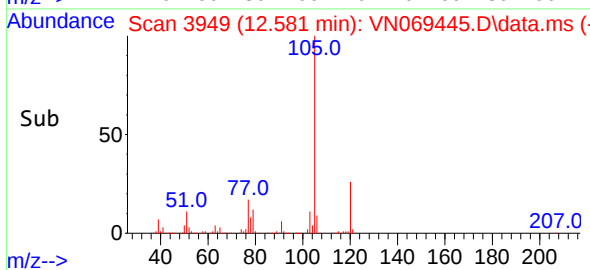
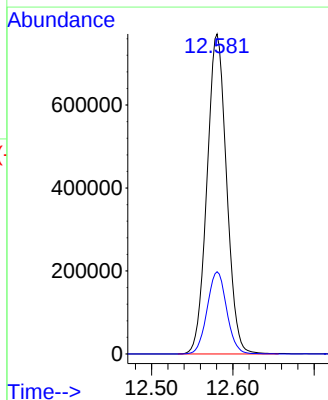
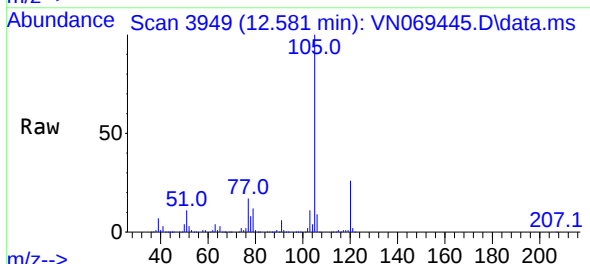
Manual Integrations
APPROVED

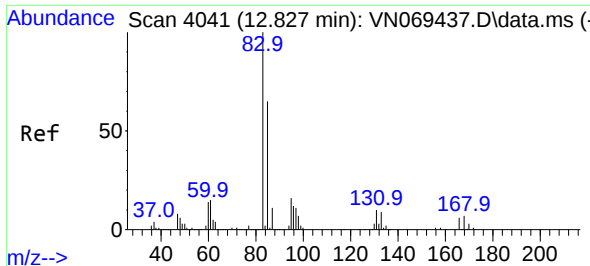
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#70
Isopropylbenzene
Concen: 21.978 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

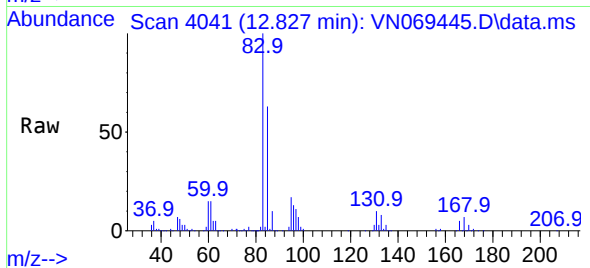
Tgt Ion:105 Resp: 1292025
Ion Ratio Lower Upper
105 100
120 25.7 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 21.358 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

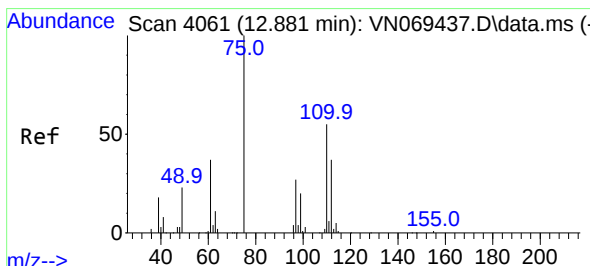
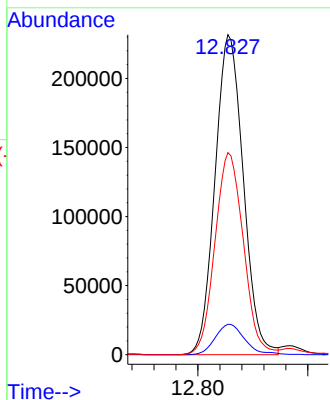
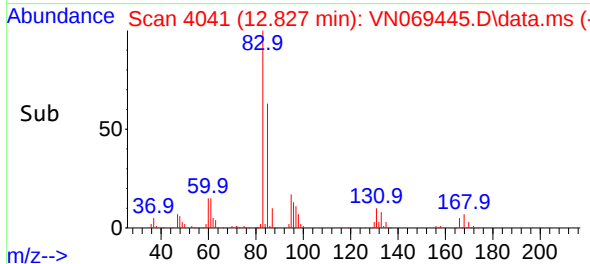
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



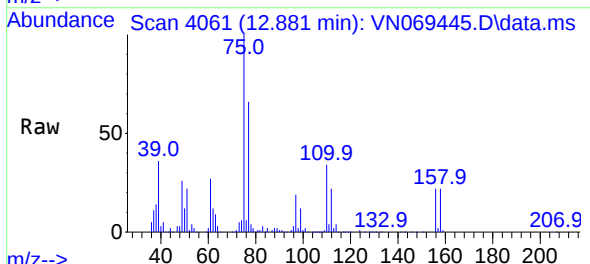
Tgt Ion: 83 Resp: 414290
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 63.3 33.1 99.2

Manual Integrations
APPROVED

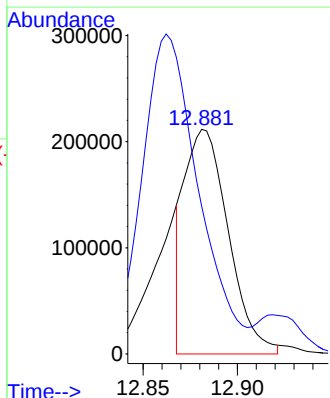
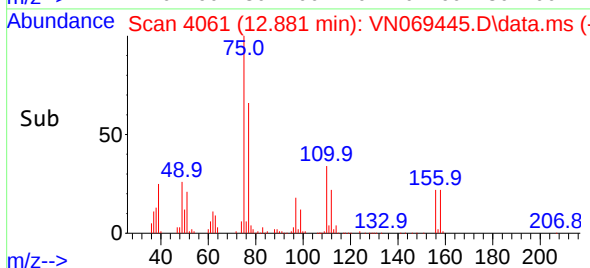
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

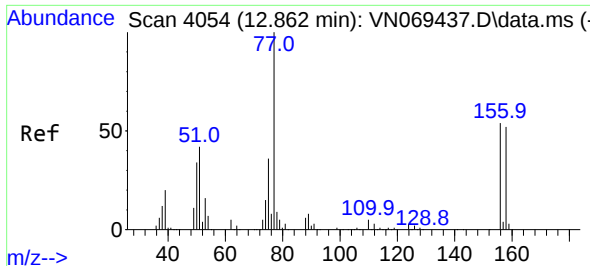


#72
1,2,3-Trichloropropane
Concen: 18.150 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



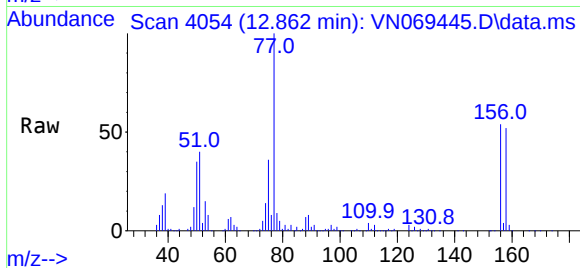
Tgt Ion: 75 Resp: 342981
Ion Ratio Lower Upper
75 100
77 184.0 0.0 378.0





#73
Bromobenzene
Concen: 21.199 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

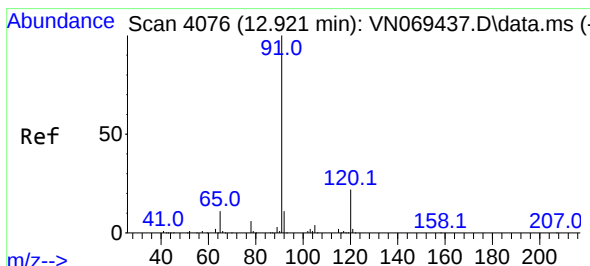
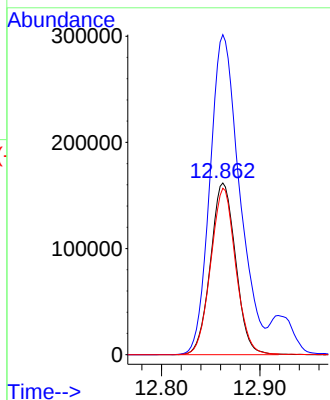
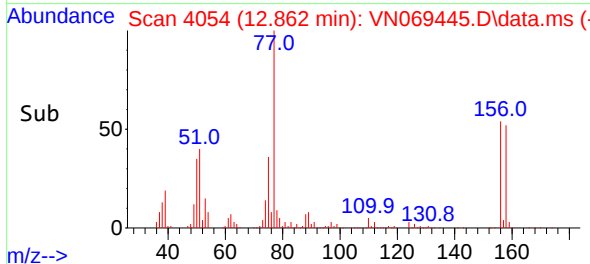
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



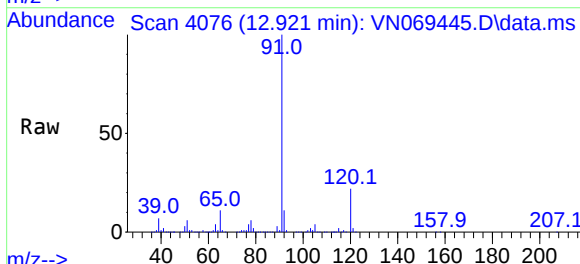
Tgt Ion:156 Resp: 287272
Ion Ratio Lower Upper
156 100
77 219.7 0.0 416.0
158 96.7 0.0 195.4

Manual Integrations
APPROVED

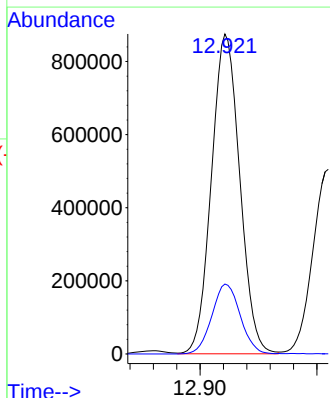
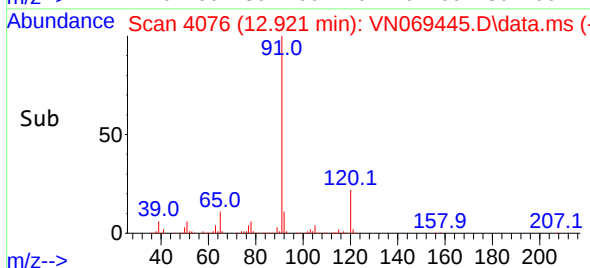
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

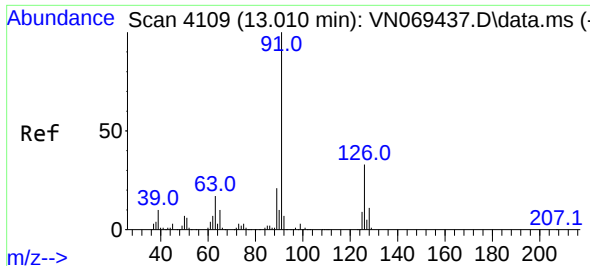


#74
n-propylbenzene
Concen: 21.805 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



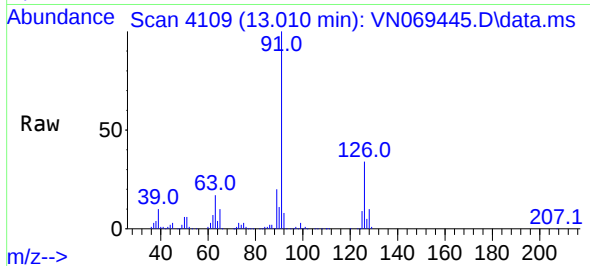
Tgt Ion: 91 Resp: 1472109
Ion Ratio Lower Upper
91 100
120 21.9 0.0 45.0





#75
2-Chlorotoluene
Concen: 21.665 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

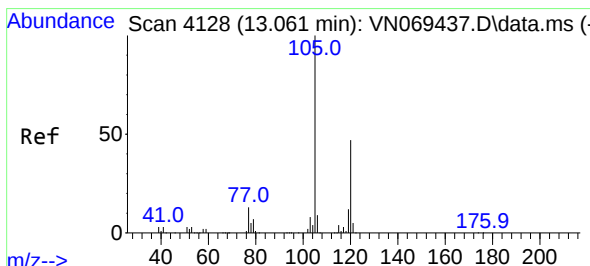
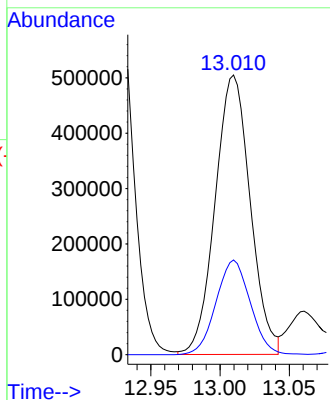
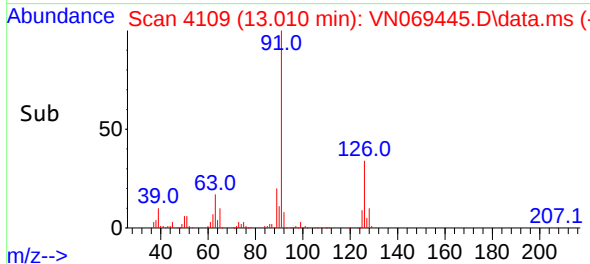
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



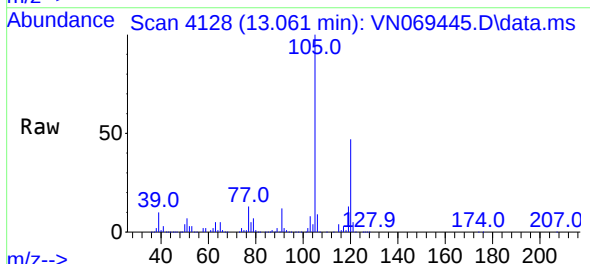
Tgt Ion: 91 Resp: 890400
Ion Ratio Lower Upper
91 100
126 33.1 0.0 69.8

Manual Integrations
APPROVED

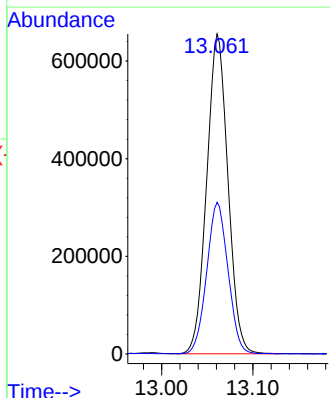
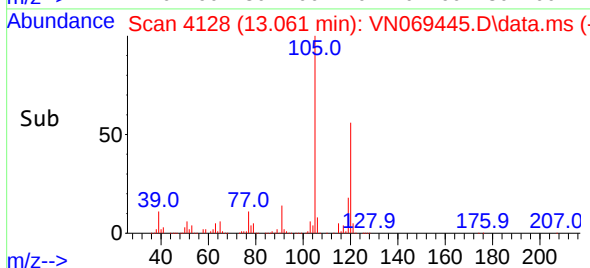
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

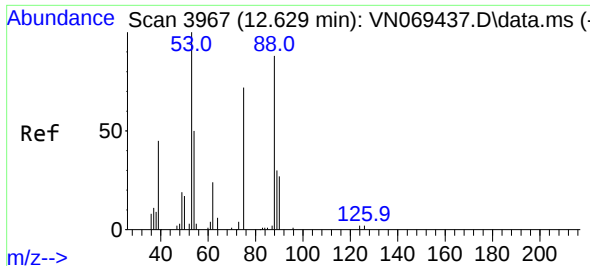


#76
1,3,5-Trimethylbenzene
Concen: 21.937 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



Tgt Ion:105 Resp: 1058467
Ion Ratio Lower Upper
105 100
120 47.5 0.0 93.8





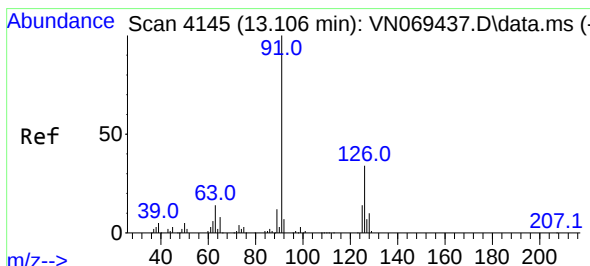
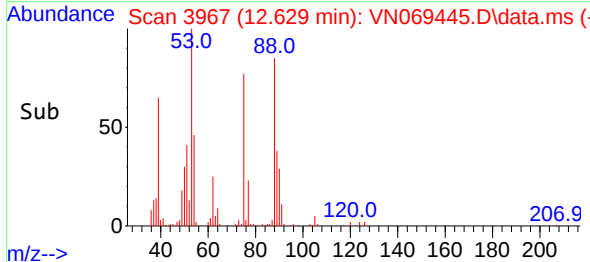
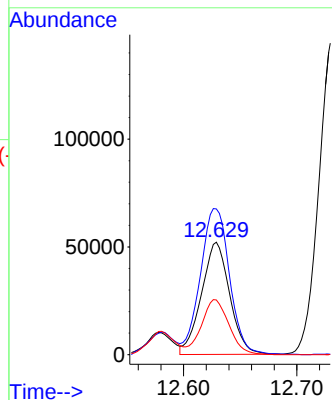
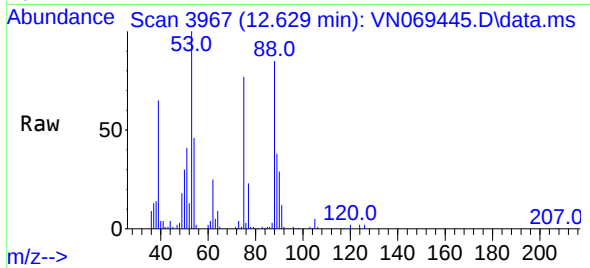
#77
t-1,4-Dichloro-2-butene
Concen: 17.654 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 75 Resp: 90050
Ion Ratio Lower Upper
75 100
53 129.4 51.8 155.5
89 48.8 22.9 68.7

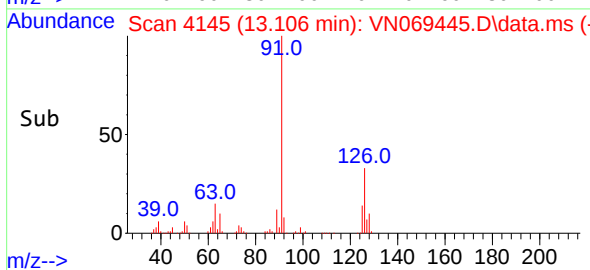
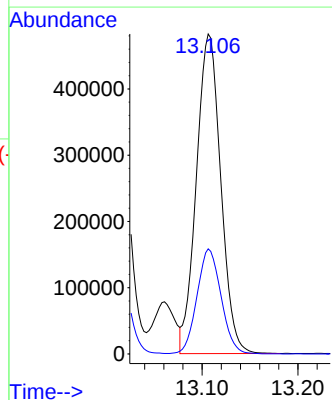
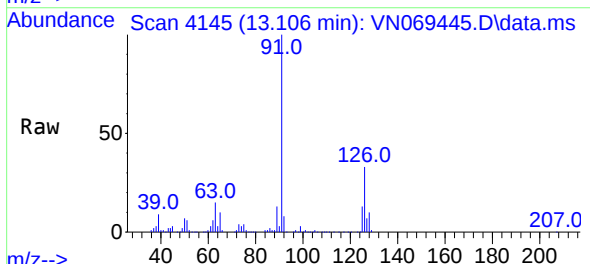
Manual Integrations
APPROVED

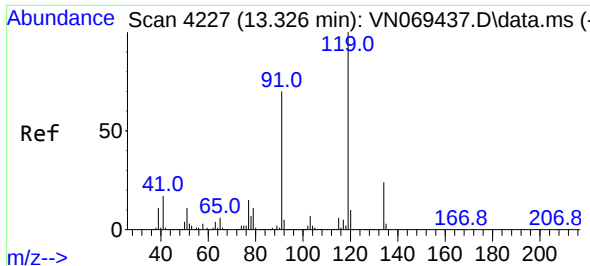
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#78
4-Chlorotoluene
Concen: 21.653 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Tgt Ion: 91 Resp: 852215
Ion Ratio Lower Upper
91 100
126 32.5 0.0 70.6





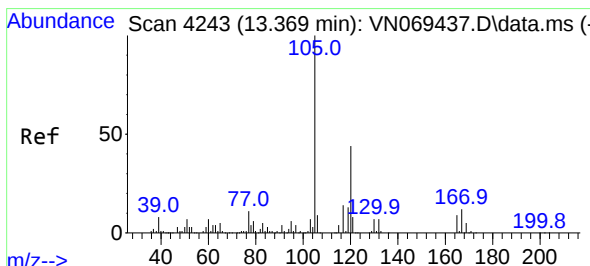
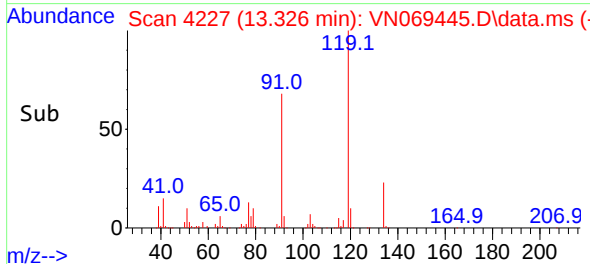
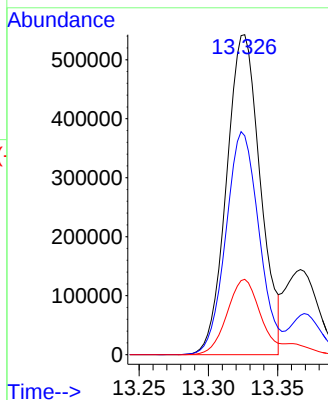
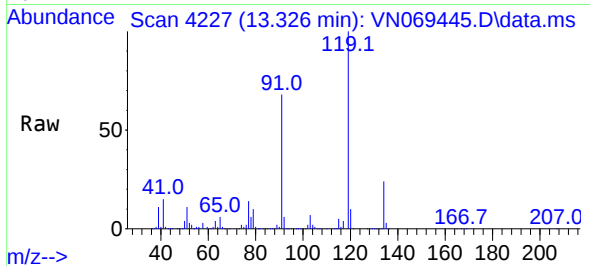
#79
tert-butylbenzene
Concen: 21.702 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion:119 Resp: 921134
Ion Ratio Lower Upper
119 100
91 68.7 0.0 137.0
134 23.3 0.0 47.6

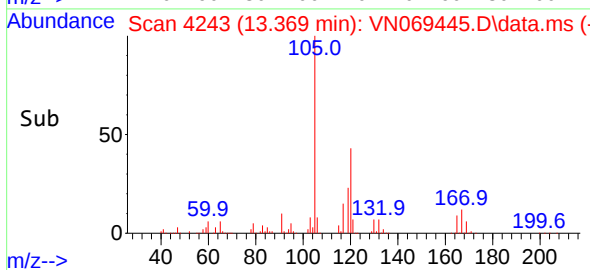
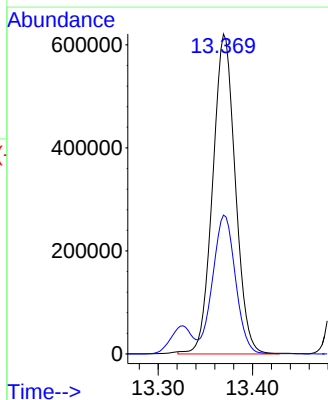
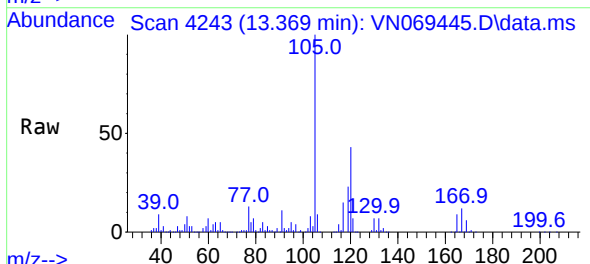
Manual Integrations
APPROVED

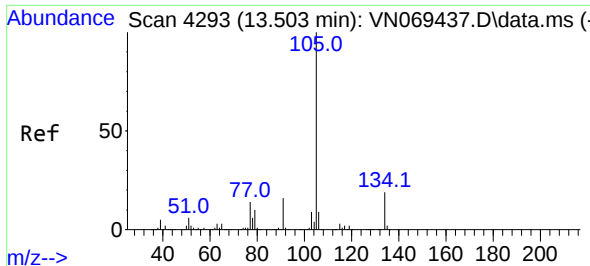
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#80
1,2,4-Trimethylbenzene
Concen: 21.958 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Tgt Ion:105 Resp: 1033511
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





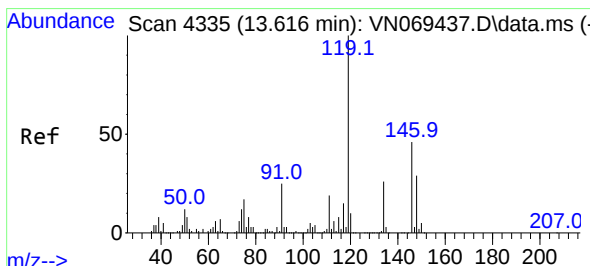
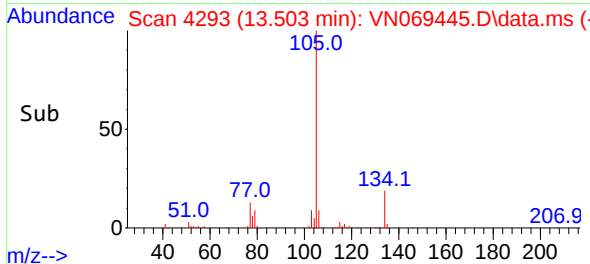
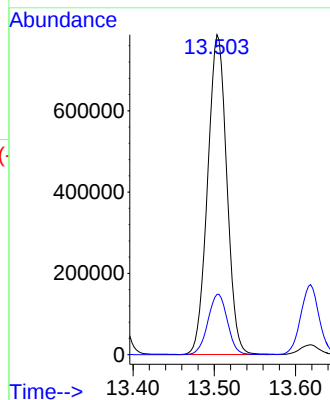
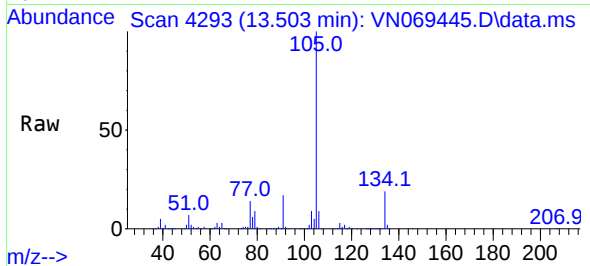
#81
sec-Butylbenzene
Concen: 21.689 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion:105 Resp: 128803
Ion Ratio Lower Upper
105 100
134 19.3 0.0 39.4

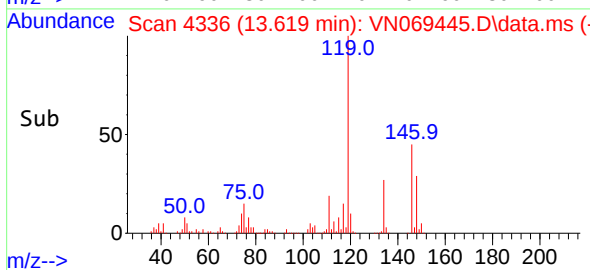
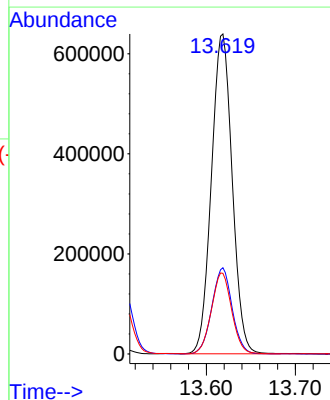
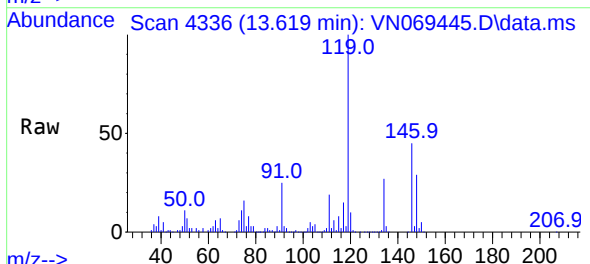
Manual Integrations
APPROVED

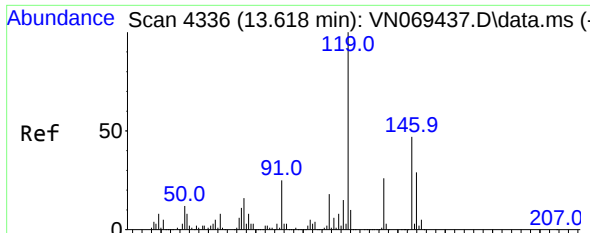
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#82
p-Isopropyltoluene
Concen: 21.835 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

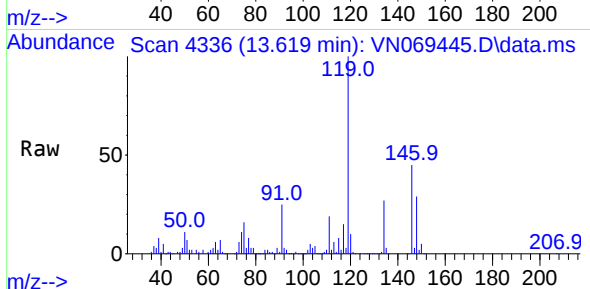
Tgt Ion:119 Resp: 1034640
Ion Ratio Lower Upper
119 100
134 26.2 0.0 51.8
91 24.7 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 21.821 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

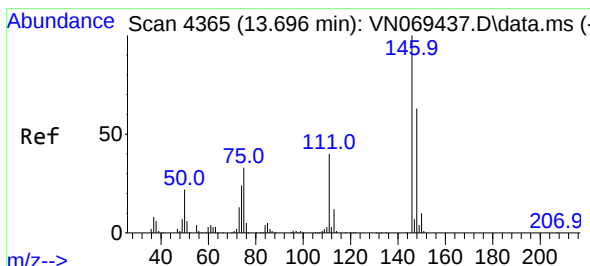
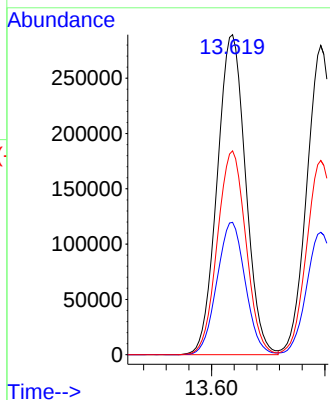
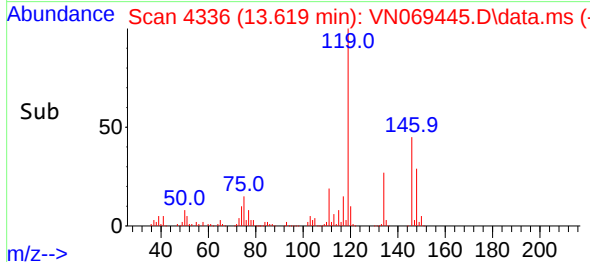
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



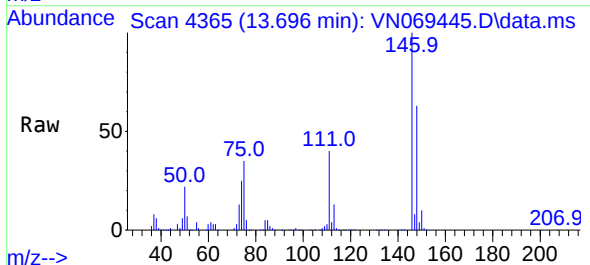
Tgt Ion:146 Resp: 505569
Ion Ratio Lower Upper
146 100
111 41.1 20.8 62.2
148 63.9 31.4 94.3

Manual Integrations
APPROVED

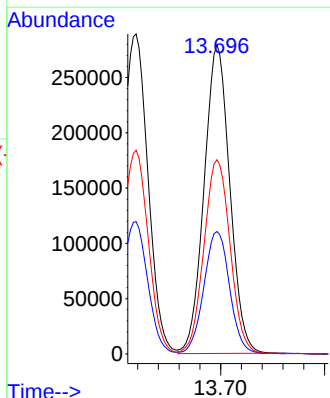
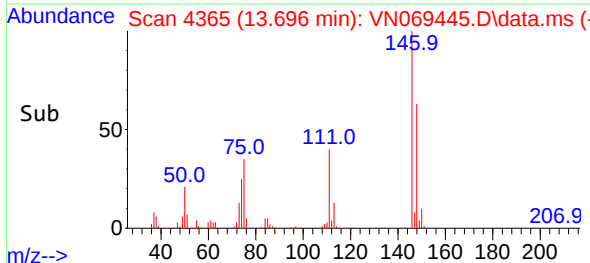
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

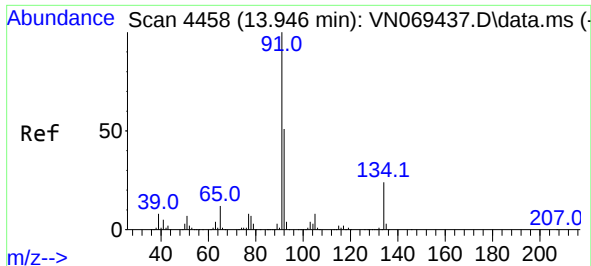


#84
1,4-Dichlorobenzene
Concen: 21.347 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



Tgt Ion:146 Resp: 479817
Ion Ratio Lower Upper
146 100
111 39.5 19.5 58.5
148 64.3 31.1 93.5





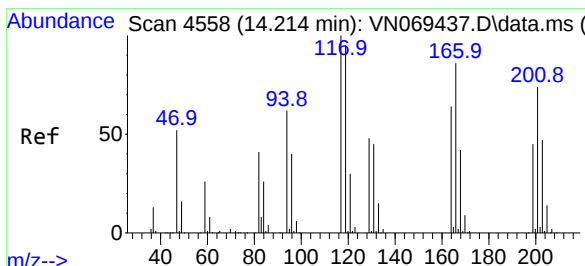
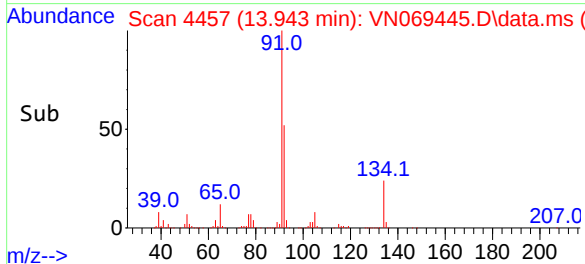
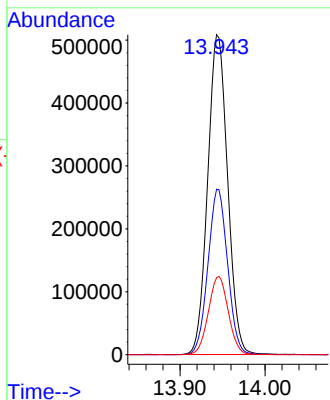
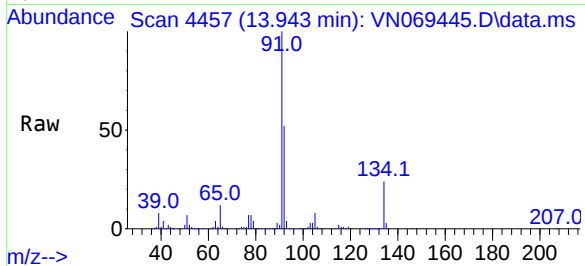
#85
n-Butylbenzene
Concen: 20.926 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Tgt Ion: 91 Resp: 827554
Ion Ratio Lower Upper
91 100
92 50.9 0.0 100.6
134 24.5 0.0 50.2

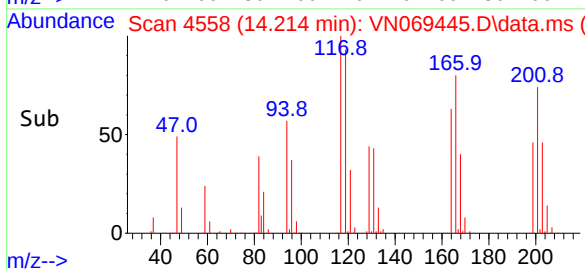
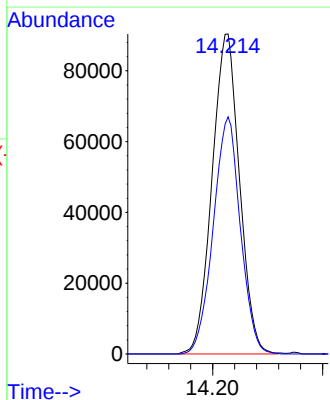
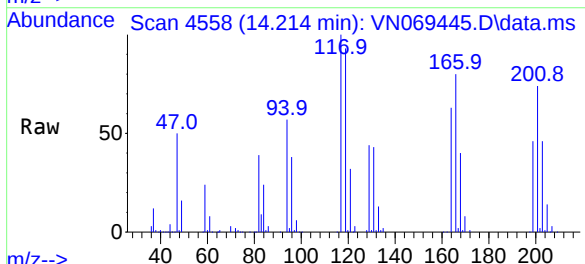
Manual Integrations
APPROVED

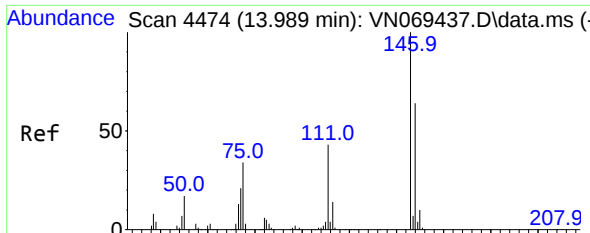
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#86
Hexachloroethane
Concen: 19.991 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

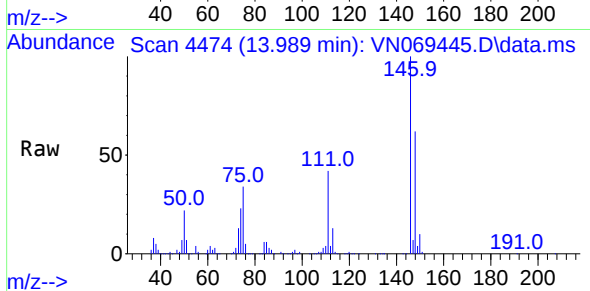
Tgt Ion:117 Resp: 156769
Ion Ratio Lower Upper
117 100
201 73.0 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 21.944 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

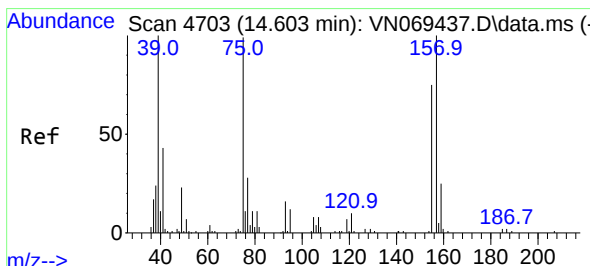
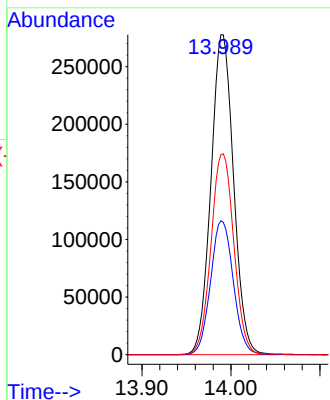
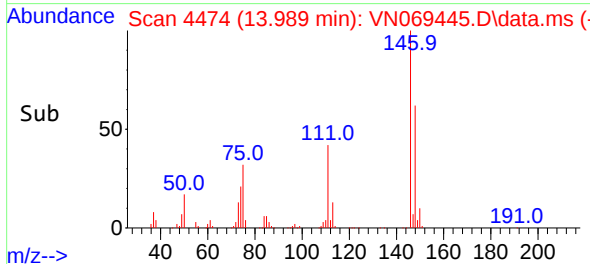
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



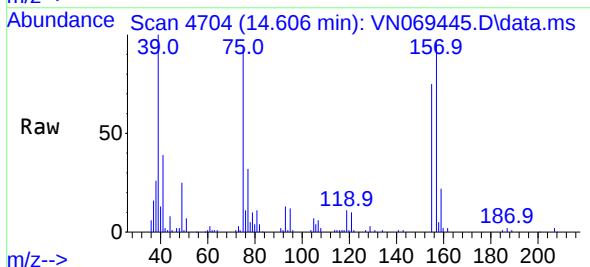
Tgt Ion:146 Resp: 490680
Ion Ratio Lower Upper
146 100
111 42.0 21.4 64.2
148 63.6 32.5 97.4

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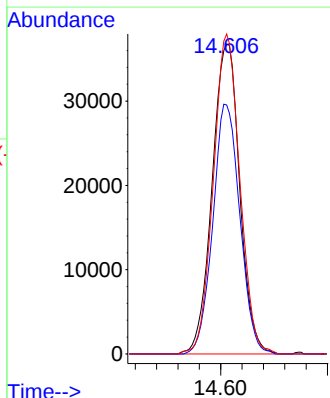
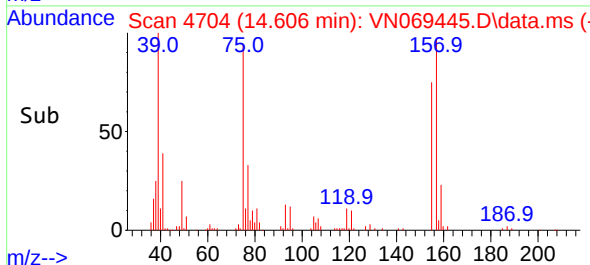
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

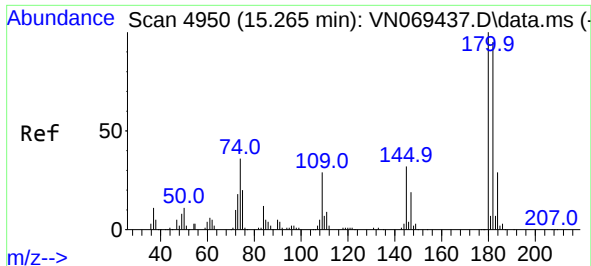


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.437 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



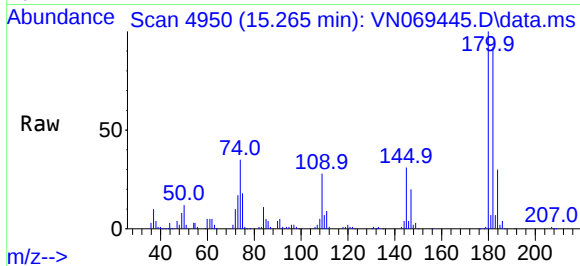
Tgt Ion: 75 Resp: 66004
Ion Ratio Lower Upper
75 100
155 78.9 63.8 95.8
157 99.2 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 20.534 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

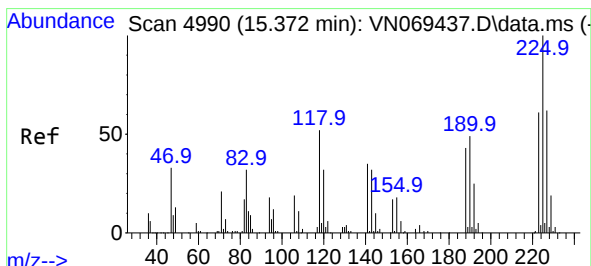
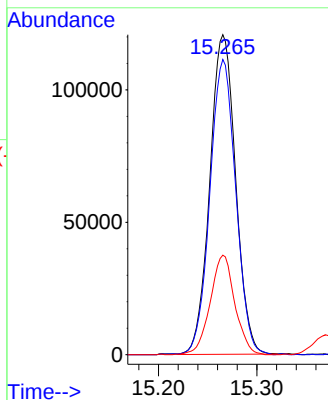
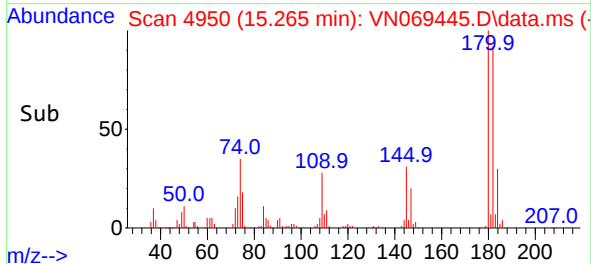
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



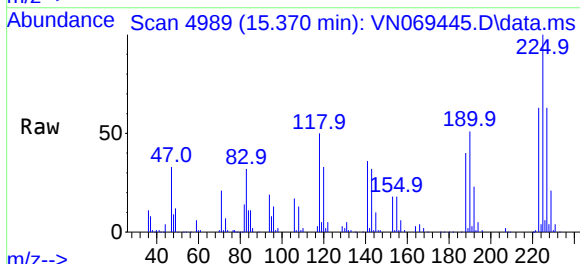
Tgt Ion:180 Resp: 220159
Ion Ratio Lower Upper
180 100
182 92.6 77.7 116.5
145 29.7 26.6 39.8

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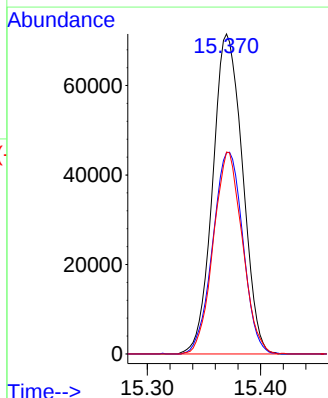
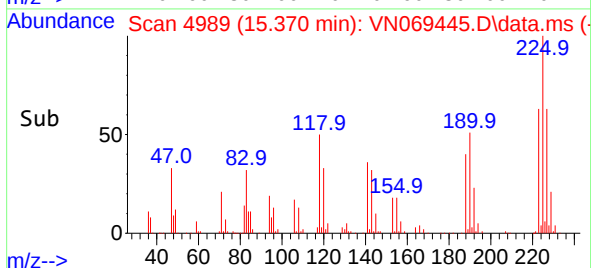
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

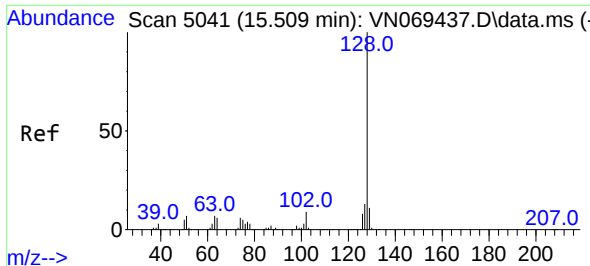


#90
Hexachlorobutadiene
Concen: 22.534 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.003 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



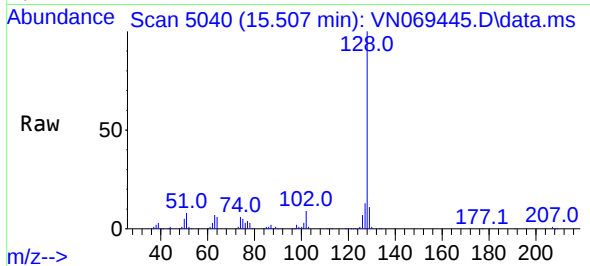
Tgt Ion:225 Resp: 130649
Ion Ratio Lower Upper
225 100
223 63.8 0.0 126.8
227 61.5 0.0 123.0





#91
Naphthalene
Concen: 18.841 ug/l
RT: 15.507 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18

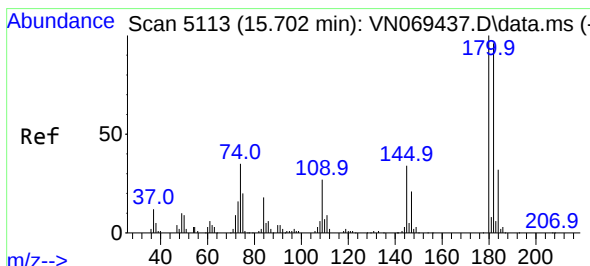
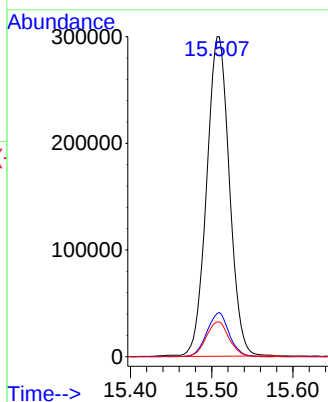
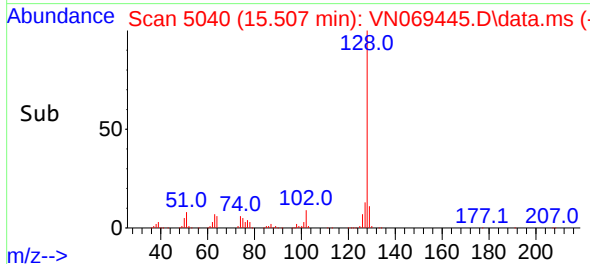
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01



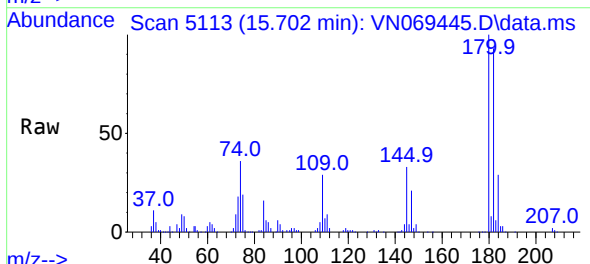
Tgt Ion:128 Resp: 581915
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.1 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 20.248 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069445.D
Acq: 10 Nov 2021 17:18



Tgt Ion:180 Resp: 213412
Ion Ratio Lower Upper
180 100
182 95.6 0.0 190.0
145 32.9 0.0 67.8

