

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091421\
 Data File : VN068471.D
 Acq On : 14 Sep 2021 15:00
 Operator : JC/MD
 Sample : VN0914WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/15/2021
 Supervised By : Mahesh Dadoda 09/15/2021

Quant Time: Sep 15 05:37:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	92134	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	471923	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	444109	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	167309	30.749	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.500%			
60) 4-Bromofluorobenzene	12.733	95	195183	30.834	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.767%			
63) Toluene-d8	10.443	98	585860	30.324	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.067%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	89117	21.236	ug/l	98
3) Chloromethane	2.303	50	83618	20.598	ug/l	100
4) Vinyl Chloride	2.443	62	133269	20.714	ug/l	100
5) Bromomethane	2.861	94	133509	20.891	ug/l	98
6) Chloroethane	3.019	64	99712	21.713	ug/l	98
7) Trichlorofluoromethane	3.376	101	165015	20.807	ug/l	99
8) Diethyl Ether	3.832	74	53611	21.432	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.213	101	96311	21.320	ug/l	68
10) 1,1-Dichloroethene	4.183	96	85498	20.364	ug/l	93
11) Methyl Iodide	4.430	142	134596	20.646	ug/l	98
12) Methyl Acetate	4.851	43	91182	20.882	ug/l	99
13) Acrolein	4.044	56	34272	97.579	ug/l	99
14) Acrylonitrile	5.551	53	192504	101.720	ug/l	97
15) Acetone	4.288	58	52179	101.173	ug/l	100
16) Carbon Disulfide	4.535	76	212697	19.630	ug/l	100
17) Allyl chloride	4.848	41	110020m	20.986	ug/l	
18) Methylene Chloride	5.100	84	102883	20.470	ug/l	98
19) trans-1,2-Dichloroethene	5.602	96	95470	20.294	ug/l	96
20) Diisopropyl ether	6.498	45	253460	21.796	ug/l	98
21) 1,1-Dichloroethane	6.391	63	161978	20.958	ug/l	98
22) cis-1,2-Dichloroethene	7.329	96	116255	20.553	ug/l	98
23) tert-Butyl Alcohol	5.369	59	73411	95.990	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	307197	21.487	ug/l #	79
25) Chloroform	7.820	83	195460	21.132	ug/l	99
26) Cyclohexane	8.099	56	134368	20.564	ug/l #	99
29) 1,1-Dichloropropene	8.222	75	132856	21.004	ug/l	98
30) 2-Butanone	7.337	43	247762	102.629	ug/l #	97
31) 2,2-Dichloropropane	7.324	77	147802	20.305	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	183112	21.318	ug/l	99
33) Carbon Tetrachloride	8.209	117	166132	20.692	ug/l	99
34) Benzene	8.461	78	413417	21.433	ug/l	98
35) Methacrylonitrile	7.640	41	49207	21.134	ug/l	96
36) 1,2-Dichloroethane	8.531	62	142724	21.977	ug/l	100
37) Trichloroethene	9.220	130	127295	20.595	ug/l	99
38) Methylcyclohexane	9.461	83	170081	20.919	ug/l	99
39) 1,2-Dichloropropane	9.491	63	98214	21.635	ug/l	97
40) Dibromomethane	9.579	93	79584	21.337	ug/l	99
41) Bromodichloromethane	9.762	83	157423	21.840	ug/l	94
42) Vinyl Acetate	6.436	43	962942m	108.259	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	104886	20.598	ug/l #	82
44) Isopropyl Acetate	8.563	43	185602	21.295	ug/l	100
45) 1,4-Dioxane	9.569	88	36497	414.122	ug/l	95
46) Methyl methacrylate	9.561	41	75486	21.412	ug/l	97
47) n-amyl Acetate	12.390	43	128740	21.036	ug/l	99
48) t-1,3-Dichloropropene	10.722	75	154725	21.201	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	165576	21.109	ug/l	99
50) 1,1,2-Trichloroethane	10.899	97	115344	21.399	ug/l	98
51) Ethyl methacrylate	10.762	69	146847	21.220	ug/l	98
52) 1,3-Dichloropropane	11.046	76	173802	21.683	ug/l	99
53) Dibromochloromethane	11.240	129	140470	21.194	ug/l	99
54) 1,2-Dibromoethane	11.347	107	121508	21.020	ug/l	99
55) 2-Chloroethyl vinyl ether	10.043	63	89776	76.633	ug/l	98
56) Bromoform	12.460	173	105788	19.873	ug/l #	99
58) 4-Methyl-2-Pentanone	10.333	43	548042	104.830	ug/l	100
59) 2-Hexanone	11.087	43	373924	103.201	ug/l	99
61) Tetrachloroethene	10.979	164	135264	21.183	ug/l	99
62) Toluene	10.507	91	496832	21.256	ug/l	100
64) Chlorobenzene	11.773	112	322938	20.948	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	131983	20.978	ug/l	99
66) Ethyl Benzene	11.848	91	531192	20.911	ug/l	99
67) m/p-Xylenes	11.956	106	447261	42.713	ug/l	99
68) o-Xylene	12.283	106	218603	21.145	ug/l	98
69) Styrene	12.296	104	340679	20.781	ug/l	98
70) Isopropylbenzene	12.580	105	556304	21.193	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	154255	21.589	ug/l	99
72) 1,2,3-Trichloropropane	12.884	75	127329m	21.406	ug/l	
73) Bromobenzene	12.862	156	152975	20.529	ug/l	97
74) n-propylbenzene	12.924	91	596409	21.068	ug/l	100
75) 2-Chlorotoluene	13.010	91	369212	21.671	ug/l	100
76) 1,3,5-Trimethylbenzene	13.061	105	472270	21.549	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	38326	19.526	ug/l	97
78) 4-Chlorotoluene	13.106	91	355857	21.765	ug/l	99
79) tert-butylbenzene	13.326	119	420369	20.878	ug/l	99
80) 1,2,4-Trimethylbenzene	13.372	105	449638m	21.207	ug/l	
81) sec-Butylbenzene	13.503	105	565359	21.243	ug/l	100
82) p-Isopropyltoluene	13.618	119	471222	20.643	ug/l	100
83) 1,3-Dichlorobenzene	13.616	146	266811	20.599	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	256855	20.701	ug/l	99
85) n-Butylbenzene	13.946	91	323646	19.933	ug/l	100
86) Hexachloroethane	14.211	117	84001	20.033	ug/l	99
87) 1,2-Dichlorobenzene	13.991	146	260380	20.920	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	24404	20.198	ug/l	94
89) 1,2,4-Trichlorobenzene	15.265	180	110984	18.455	ug/l	98
90) Hexachlorobutadiene	15.372	225	74165	19.500	ug/l	99
91) Naphthalene	15.509	128	222358	17.140	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	103677	18.306	ug/l	100

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

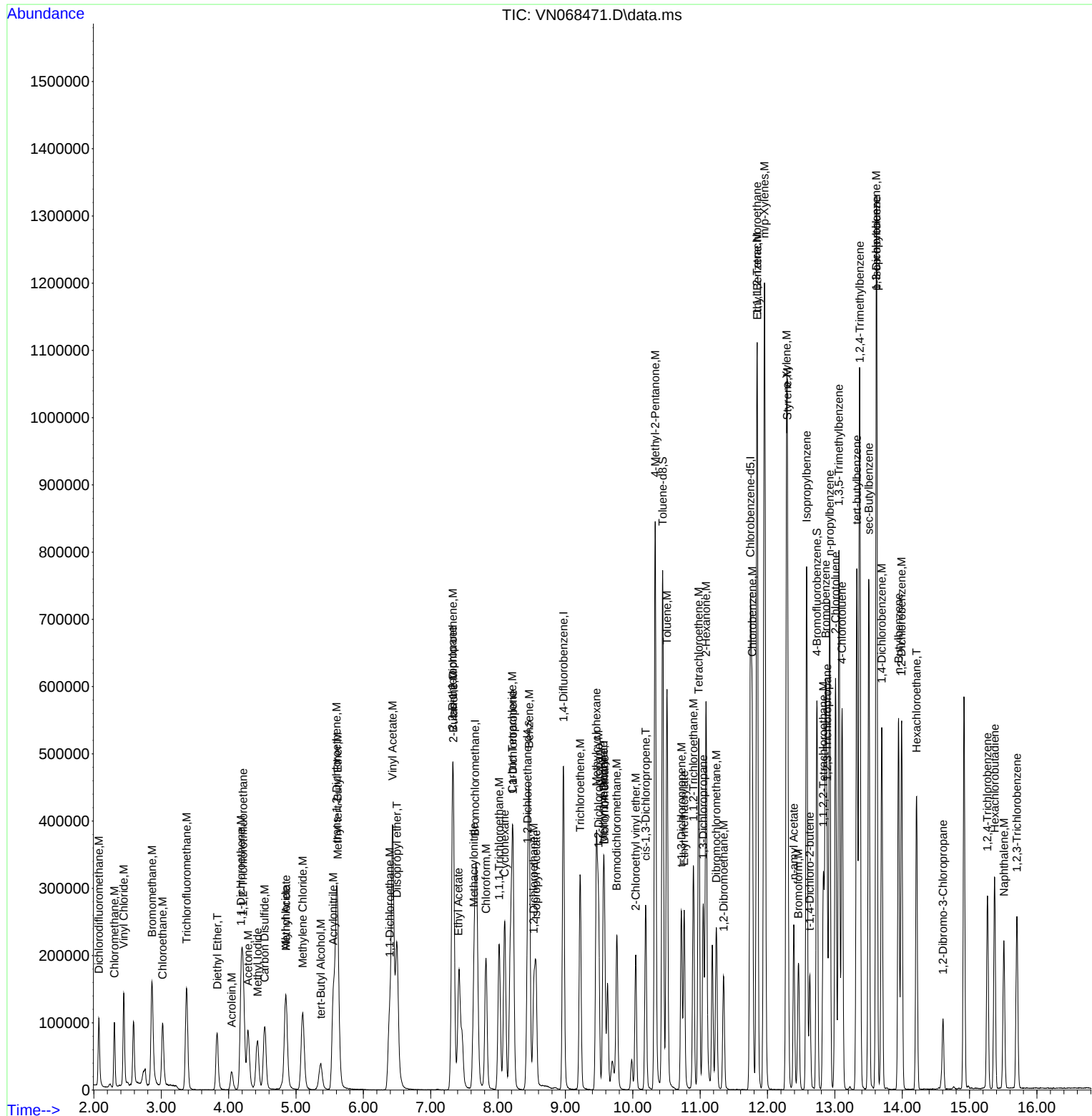
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091421\
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 ALS Vial : 5 Sample Multiplier: 1

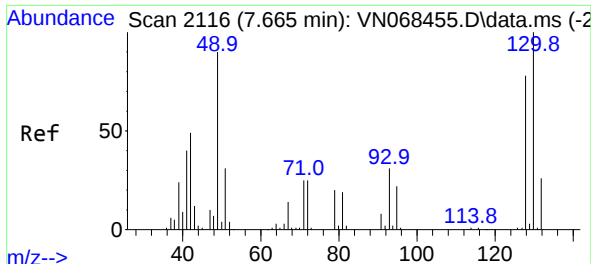
Instrument :
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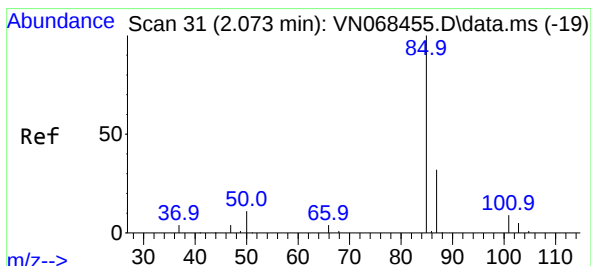
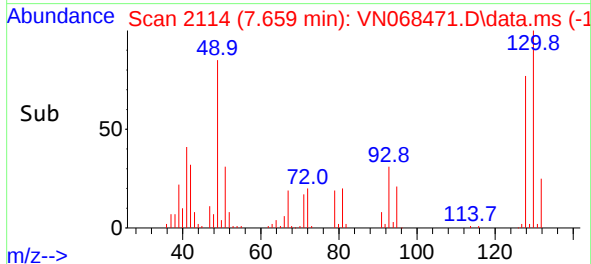
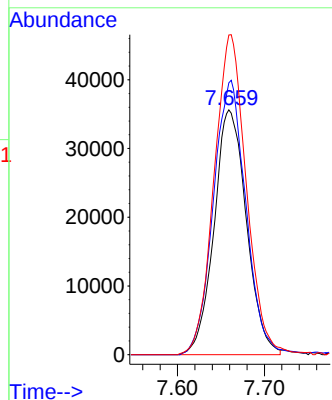
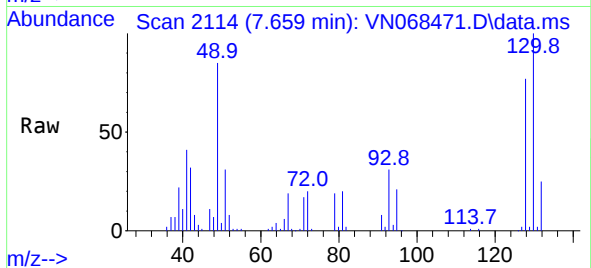
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. -0.006 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion:128 Resp: 92134
Ion Ratio Lower Upper
128 100
49 113.1 0.0 292.5
130 129.9 0.0 325.0

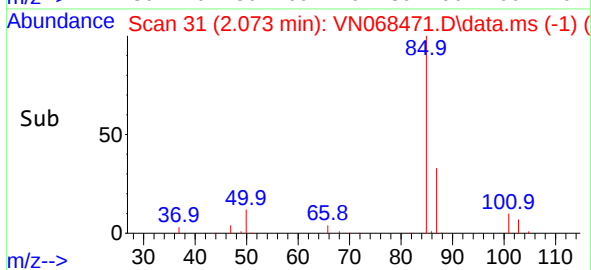
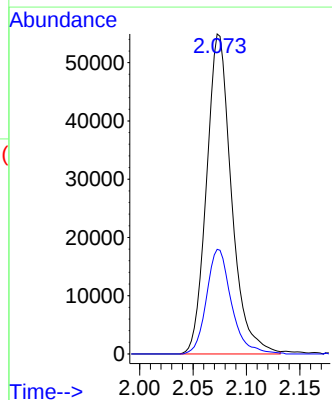
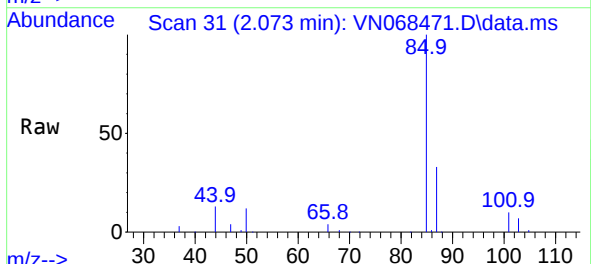
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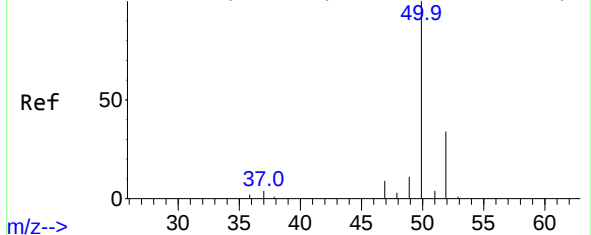


#2
Dichlorodifluoromethane
Concen: 21.236 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Tgt Ion: 85 Resp: 89117
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.3



Abundance Scan 117 (2.303 min): VN068455.D\data.ms (-10)



#3

Chloromethane

Concen: 20.598 ug/l

RT: 2.303 min Scan# 117

Delta R.T. -0.000 min

Lab File: VN068471.D

Acq: 14 Sep 2021 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

Tgt Ion: 50 Resp: 83618

Ion Ratio Lower Upper

50 100

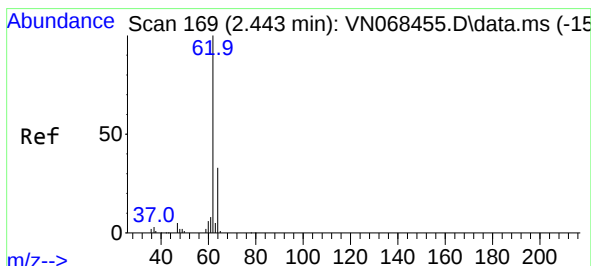
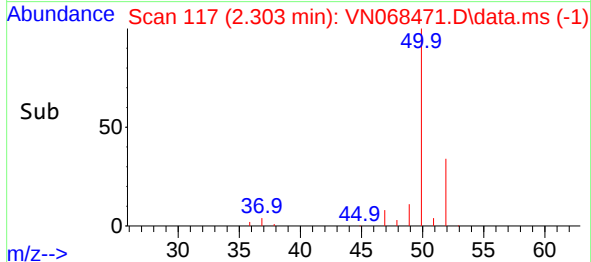
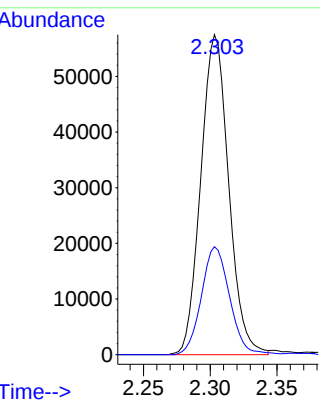
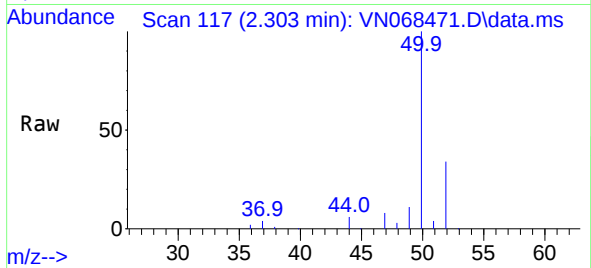
52 33.8 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.714 ug/l

RT: 2.443 min Scan# 169

Delta R.T. -0.000 min

Lab File: VN068471.D

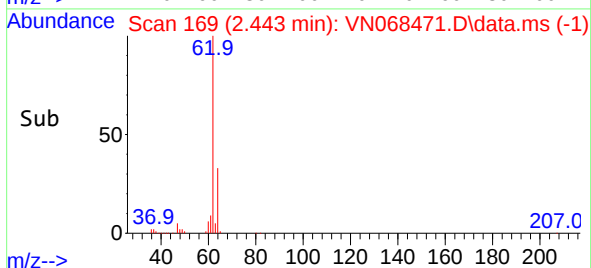
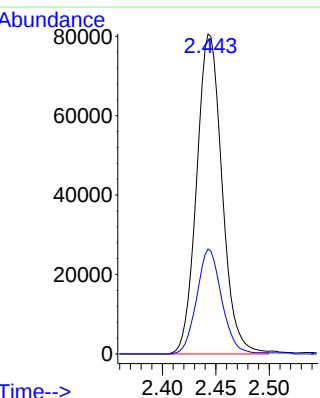
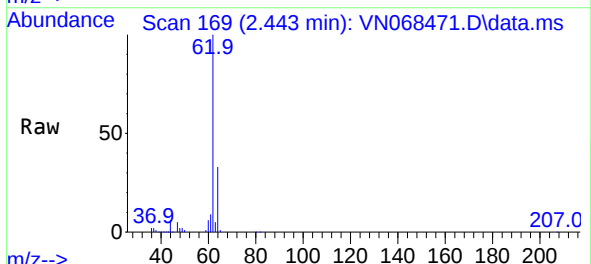
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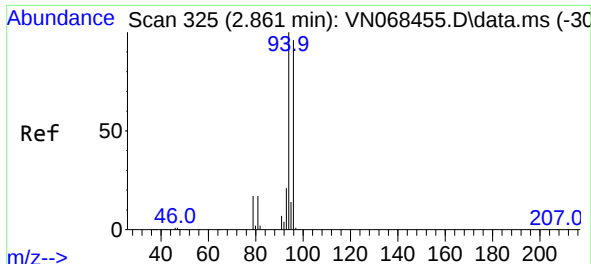
Tgt Ion: 62 Resp: 133269

Ion Ratio Lower Upper

62 100

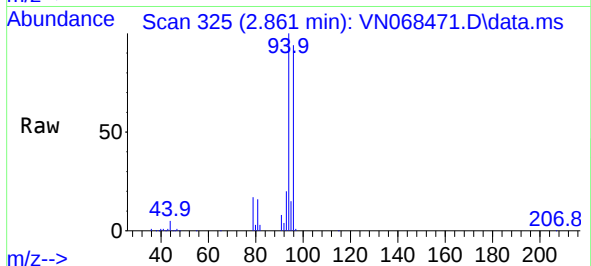
64 32.8 26.1 39.1





#5
Bromomethane
Concen: 20.891 ug/l
RT: 2.861 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

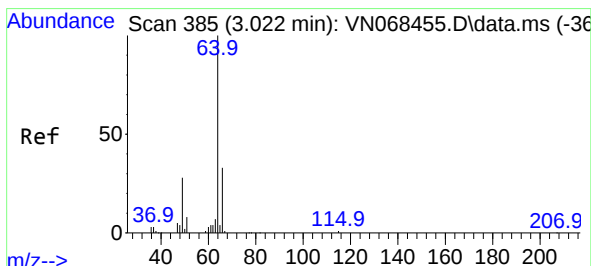
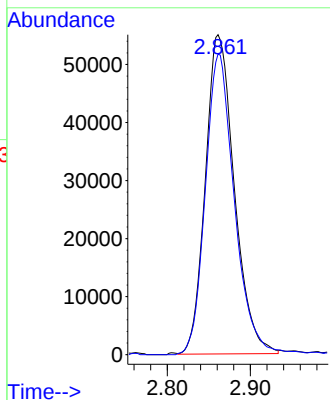
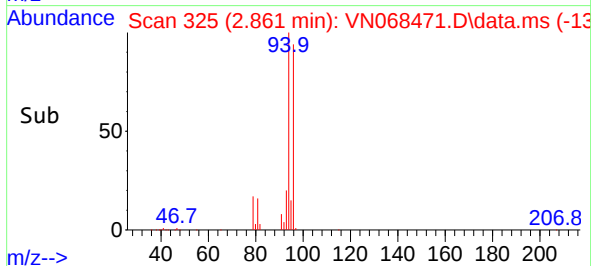
Instrument :
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Tgt Ion: 94 Resp: 133509
Ion Ratio Lower Upper
94 100
96 93.9 77.0 115.4

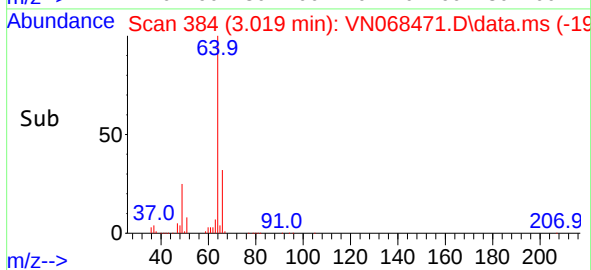
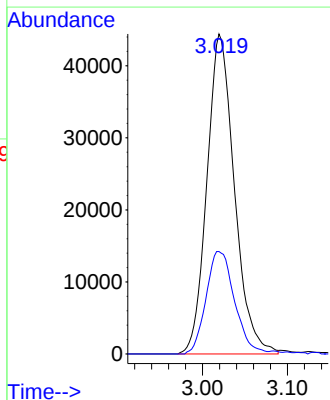
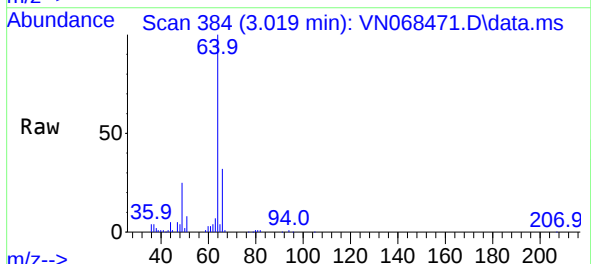
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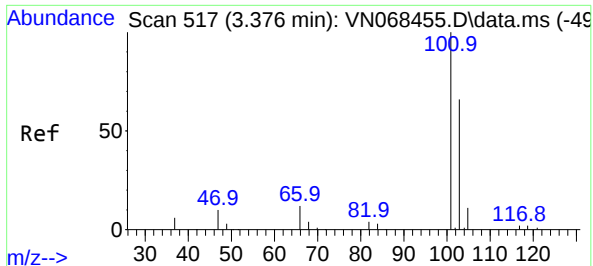
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#6
Chloroethane
Concen: 21.713 ug/l
RT: 3.019 min Scan# 384
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

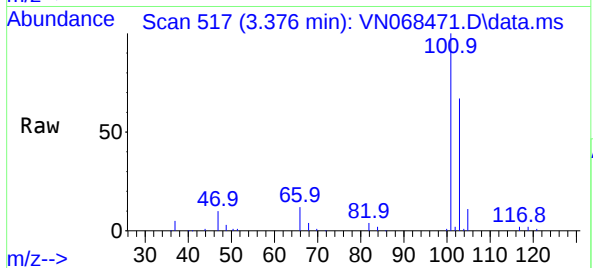
Tgt Ion: 64 Resp: 99712
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5





#7
Trichlorofluoromethane
Concen: 20.807 ug/l
RT: 3.376 min Scan# 517
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

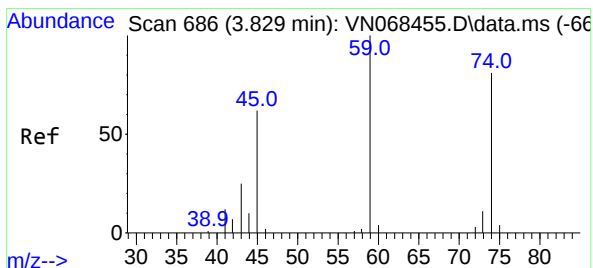
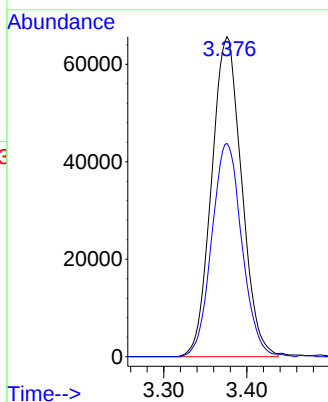
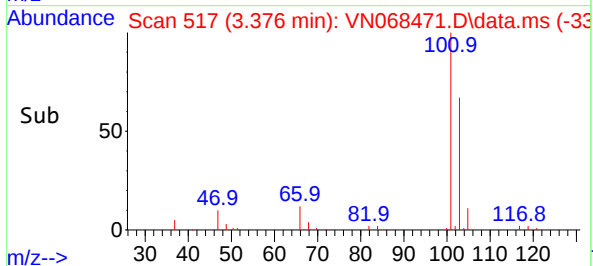
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



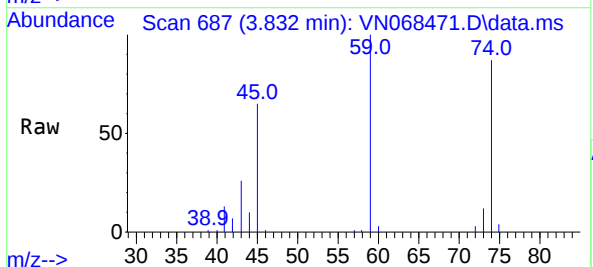
Tgt Ion:101 Resp: 16501
Ion Ratio Lower Upper
101 100
103 66.7 52.4 78.6

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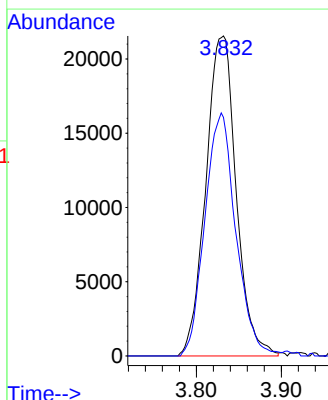
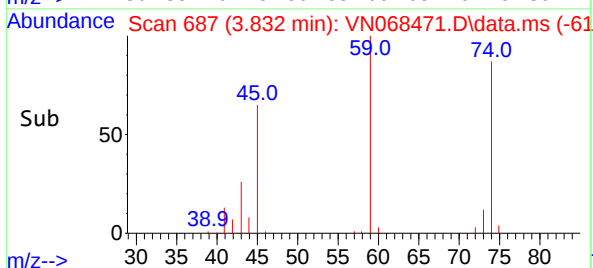
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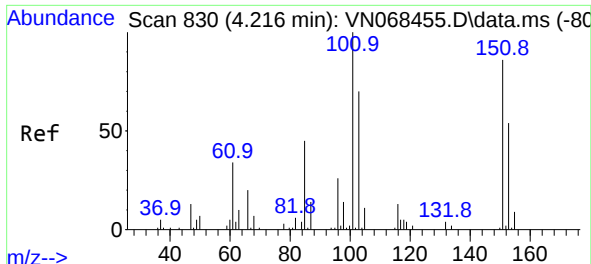


#8
Diethyl Ether
Concen: 21.432 ug/l
RT: 3.832 min Scan# 687
Delta R.T. 0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



Tgt Ion: 74 Resp: 53611
Ion Ratio Lower Upper
74 100
45 76.9 16.2 146.0





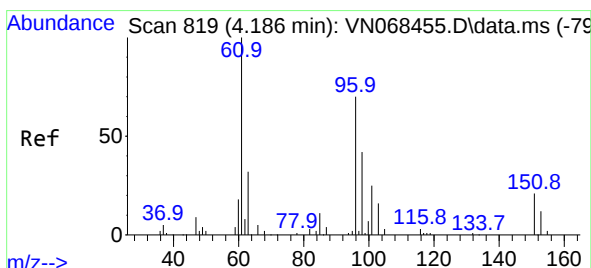
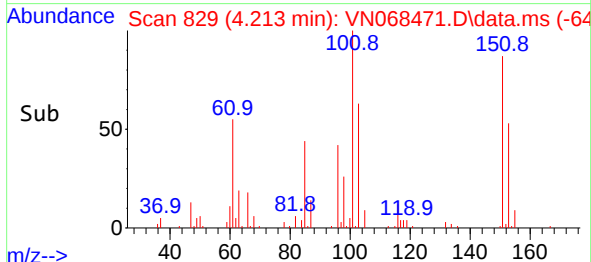
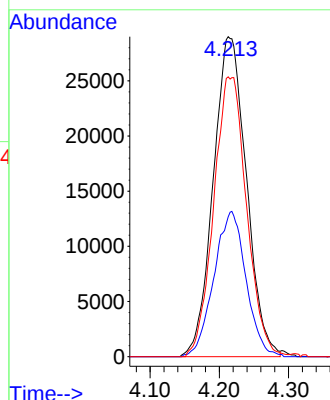
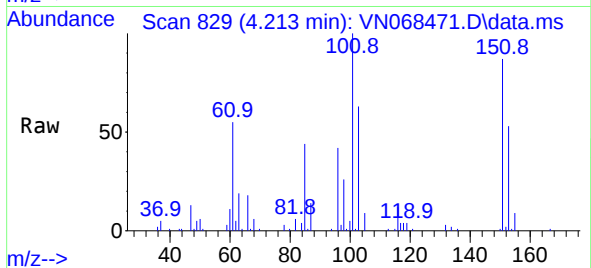
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1,1,2-Trichlorotrifluoroethane
Concen: 21.320 ug/l
RT: 4.213 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion:101 Resp: 9631
Ion Ratio Lower Upper
101 100
85 43.8 0.0 89.2
151 44.6 0.0 176.4

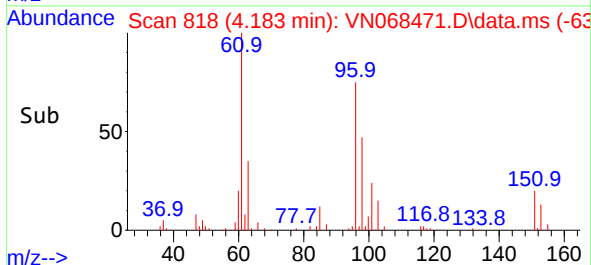
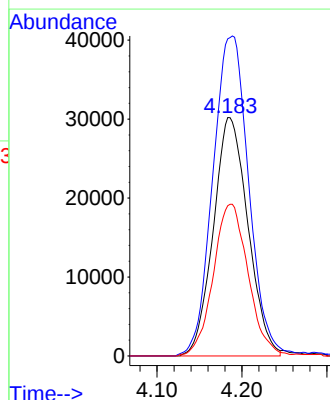
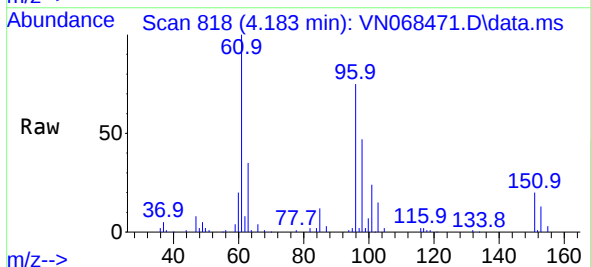
Manual Integrations
APPROVED

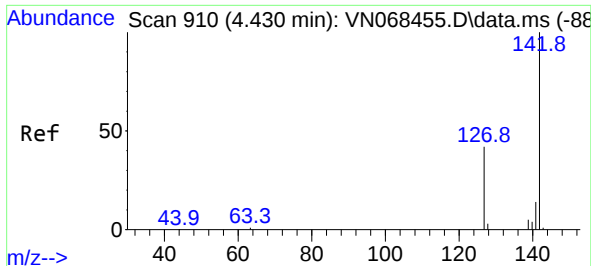
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#10
1,1-Dichloroethene
Concen: 20.364 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Tgt Ion: 96 Resp: 85498
Ion Ratio Lower Upper
96 100
61 132.0 114.1 171.1
98 62.4 48.3 72.5





#11

Methyl Iodide

Concen: 20.646 ug/l

RT: 4.430 min Scan# 910

Delta R.T. -0.000 min

Lab File: VN068471.D

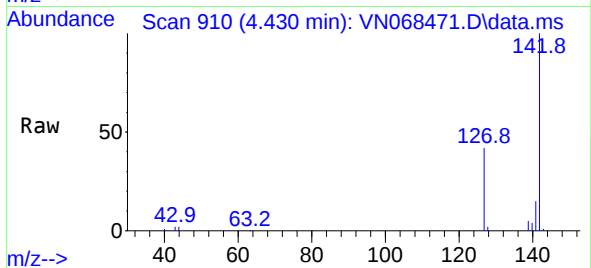
Acq: 14 Sep 2021 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01



Tgt Ion:142 Resp: 134590

Ion Ratio Lower Upper

142 100

127 41.6 20.9 62.8

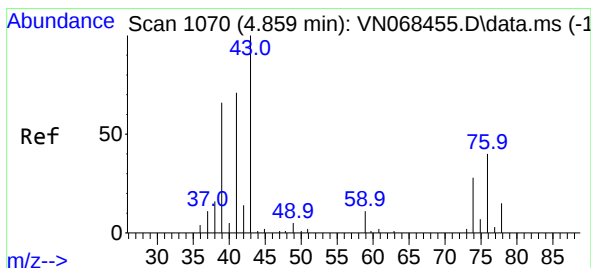
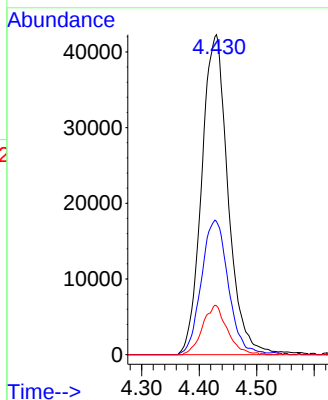
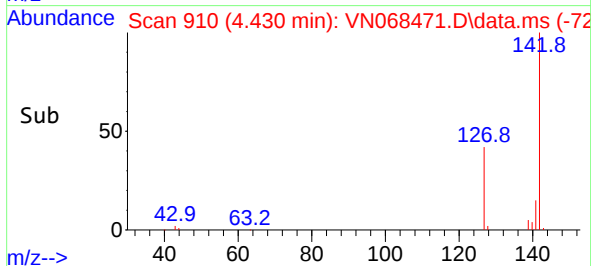
141 15.4 6.8 20.3

Manual Integrations

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Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#12

Methyl Acetate

Concen: 20.882 ug/l

RT: 4.851 min Scan# 1067

Delta R.T. -0.008 min

Lab File: VN068471.D

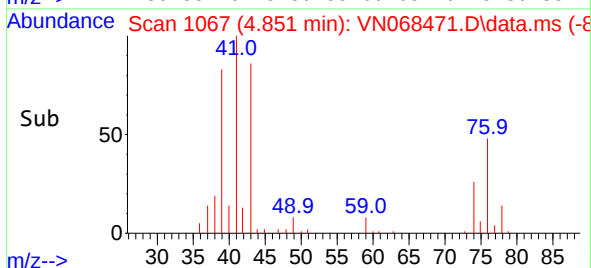
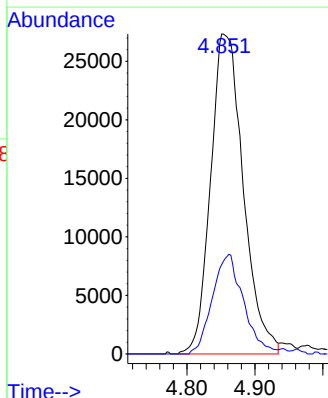
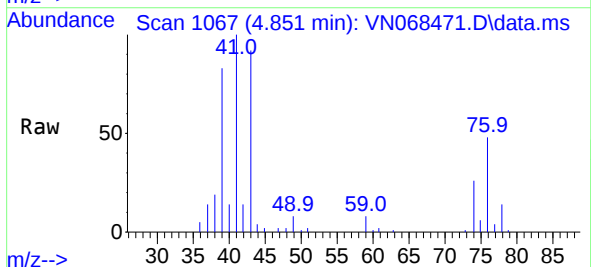
Acq: 14 Sep 2021 15:00

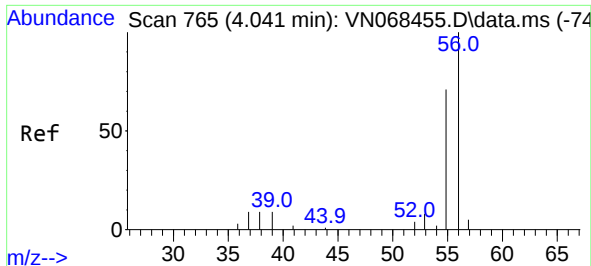
Tgt Ion: 43 Resp: 91182

Ion Ratio Lower Upper

43 100

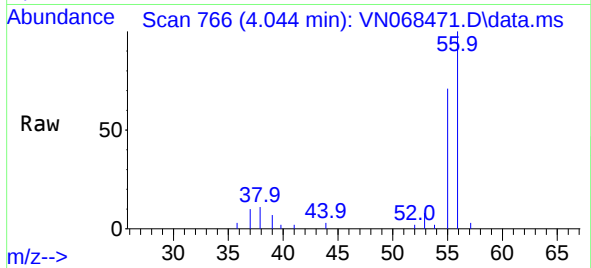
74 27.8 22.6 34.0





#13
Acrolein
Concen: 97.579 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

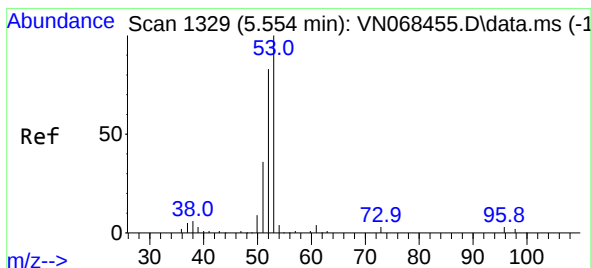
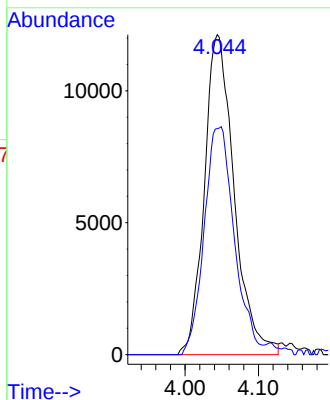
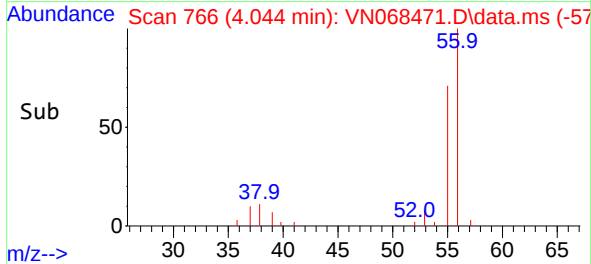
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



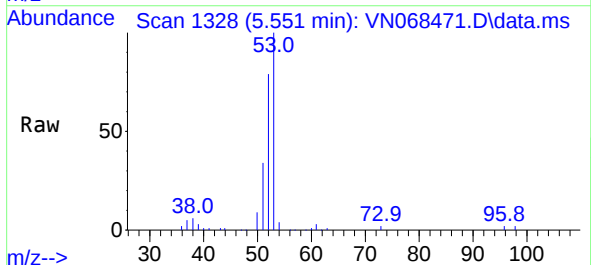
Tgt Ion: 56 Resp: 3427
Ion Ratio Lower Upper
56 100
55 71.9 57.2 85.8

Manual Integrations
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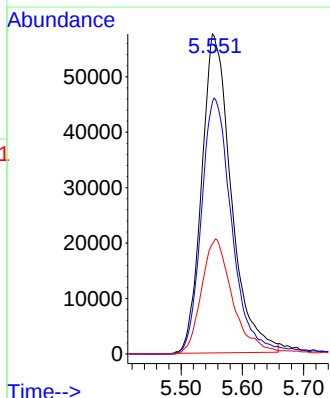
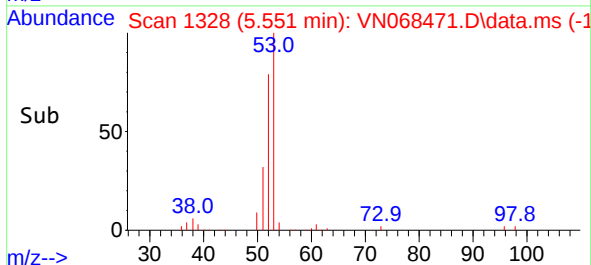
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

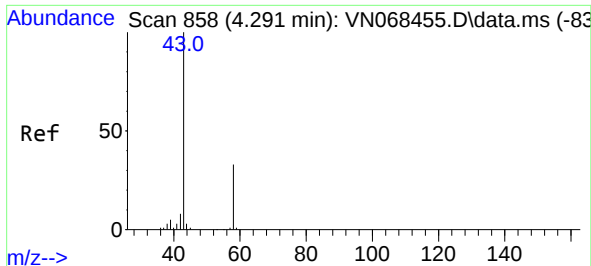


#14
Acrylonitrile
Concen: 101.720 ug/l
RT: 5.551 min Scan# 1328
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



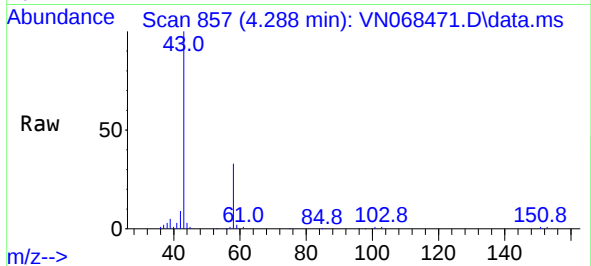
Tgt Ion: 53 Resp: 192504
Ion Ratio Lower Upper
53 100
52 80.6 41.5 124.5
51 38.2 17.9 53.7





#15
Acetone
Concen: 101.173 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

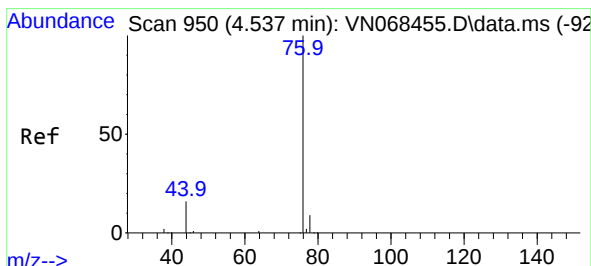
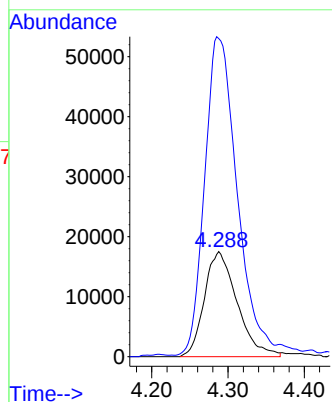
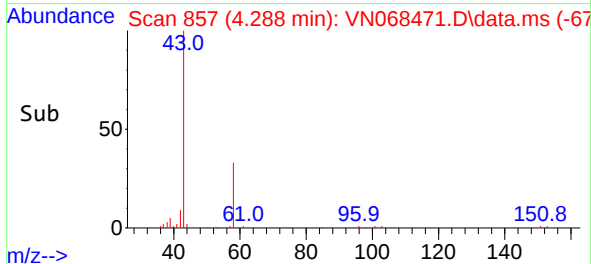
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



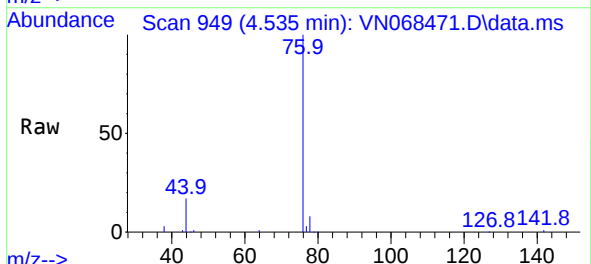
Tgt Ion: 58 Resp: 52179
Ion Ratio Lower Upper
58 100
43 300.0 239.9 359.9

Manual Integrations
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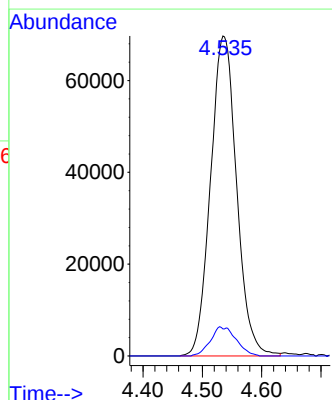
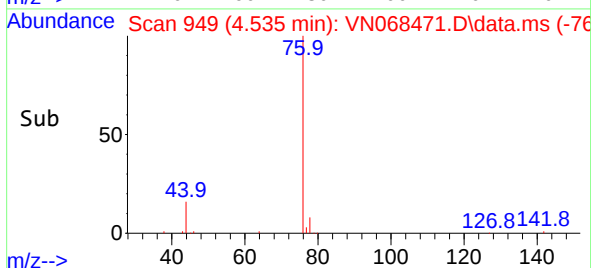
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

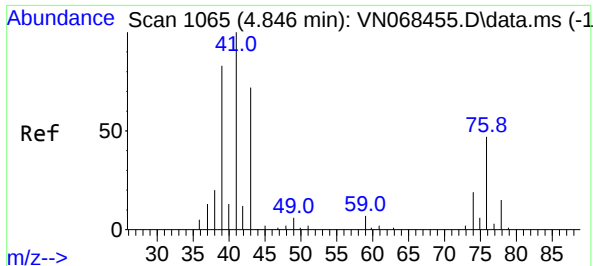


#16
Carbon Disulfide
Concen: 19.630 ug/l
RT: 4.535 min Scan# 949
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



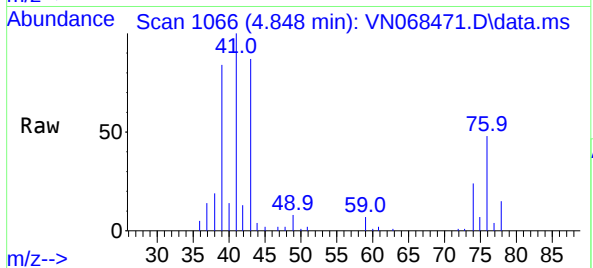
Tgt Ion: 76 Resp: 212697
Ion Ratio Lower Upper
76 100
78 8.5 6.9 10.3





#17
Allyl chloride
Concen: 20.986 ug/l m
RT: 4.848 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

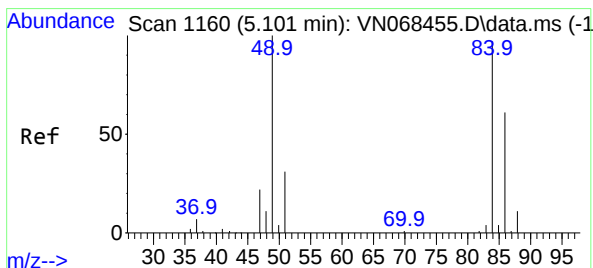
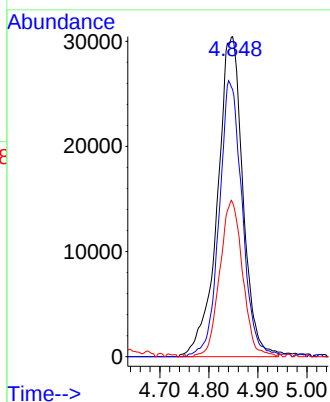
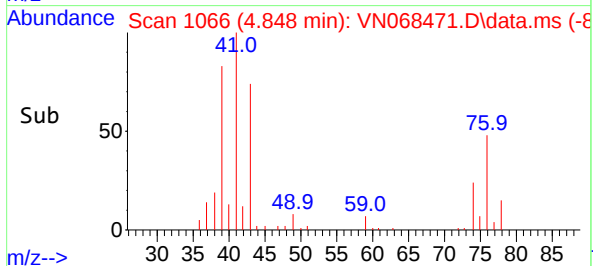
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



Tgt Ion: 41 Resp: 110020
Ion Ratio Lower Upper
41 100
39 83.5 41.5 124.5
76 48.2 23.6 71.0

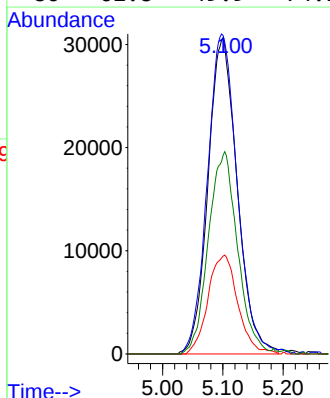
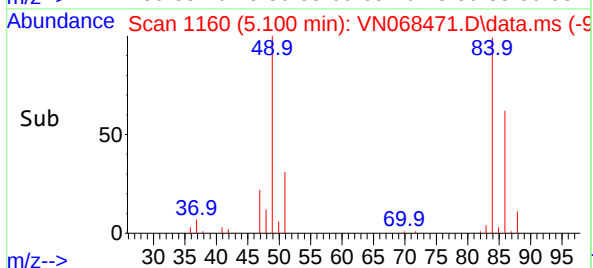
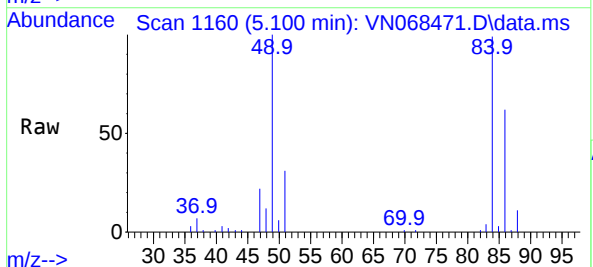
Manual Integrations
APPROVED

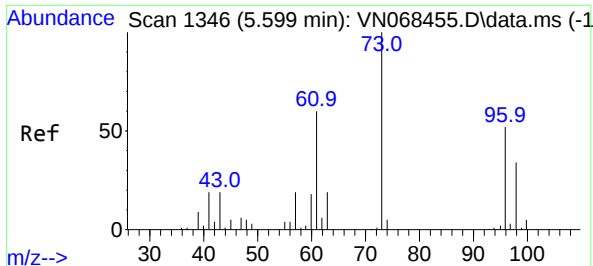
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#18
Methylene Chloride
Concen: 20.470 ug/l
RT: 5.100 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

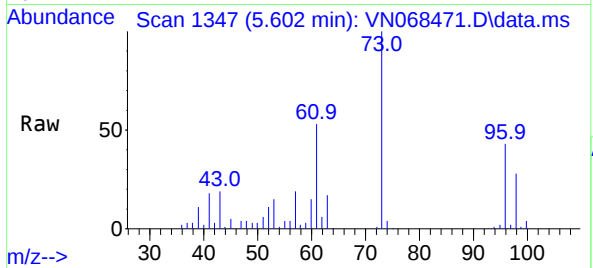
Tgt Ion: 84 Resp: 102883
Ion Ratio Lower Upper
84 100
49 100.6 82.4 123.6
51 31.0 25.9 38.9
86 62.8 49.9 74.9





trans-1,2-Dichloroethene
Concen: 20.294 ug/l
RT: 5.602 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

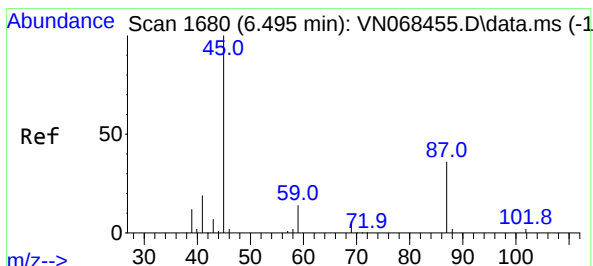
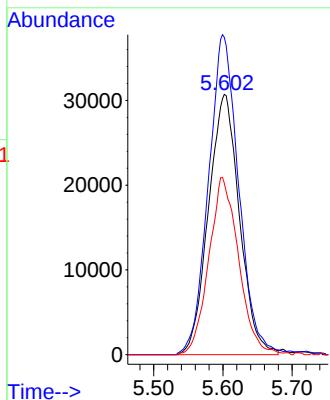
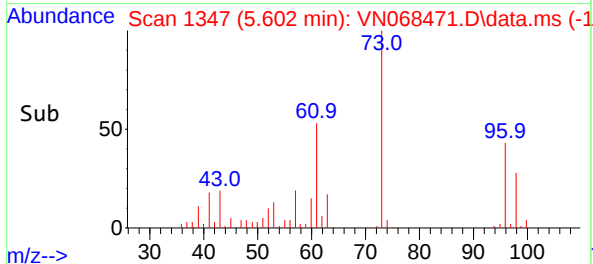
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



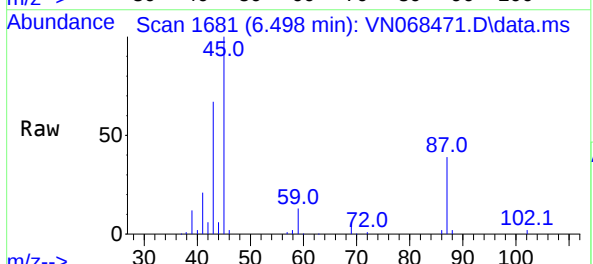
Tgt Ion: 96 Resp: 95470
Ion Ratio Lower Upper
96 100
61 121.3 92.5 138.7
98 65.9 51.7 77.5

Manual Integrations
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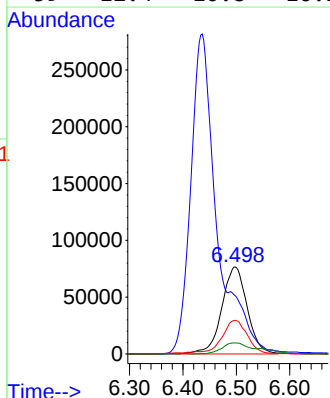
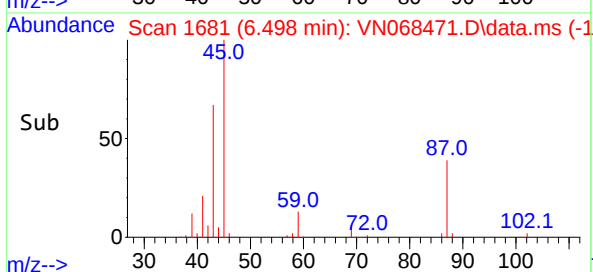
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

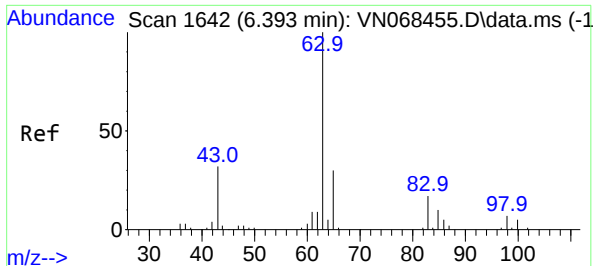


Diisopropyl ether
Concen: 21.796 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



Tgt Ion: 45 Resp: 253460
Ion Ratio Lower Upper
45 100
43 63.7 52.2 78.2
87 38.0 29.8 44.8
59 12.4 10.8 16.2





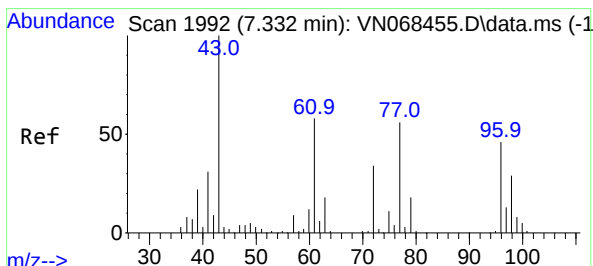
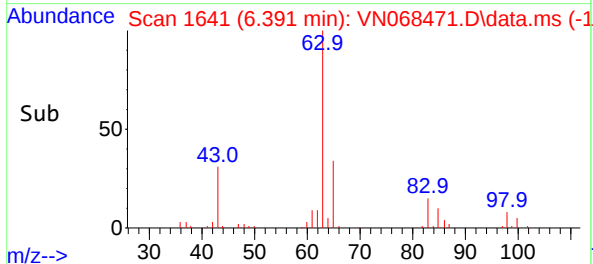
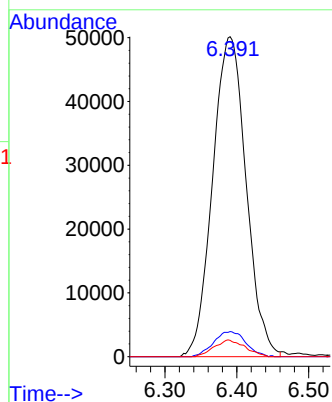
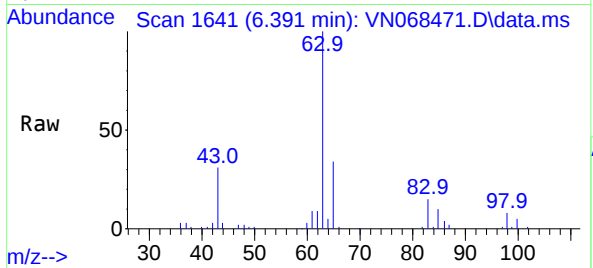
#21
1,1-Dichloroethane
Concen: 20.958 ug/l
RT: 6.391 min Scan# 161978
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion: 63 Resp: 161978
Ion Ratio Lower Upper
63 100
98 7.8 3.5 10.4
100 5.1 2.5 7.5

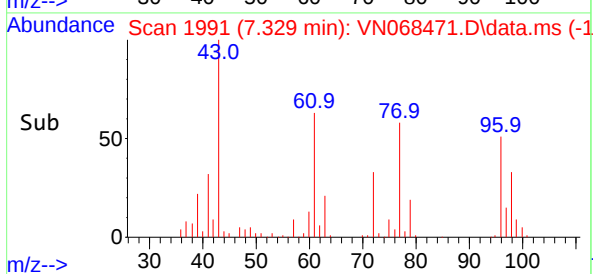
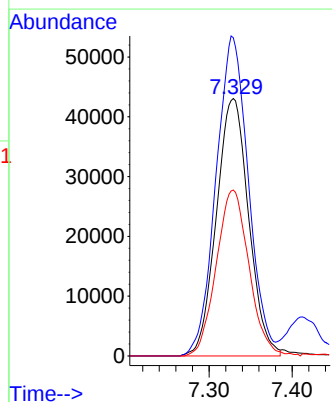
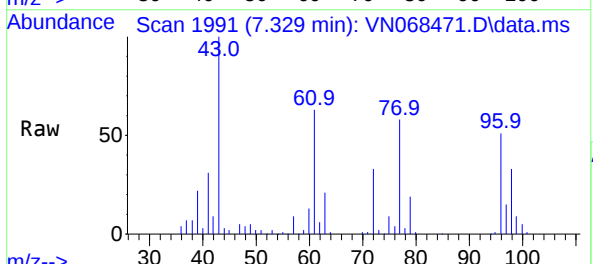
Manual Integrations
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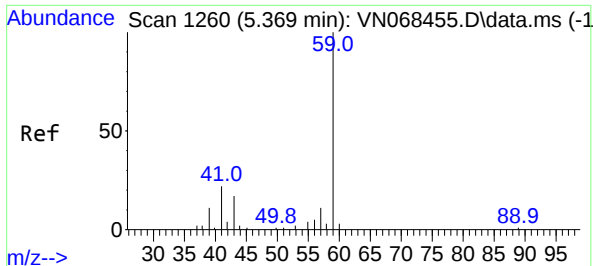
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#22
cis-1,2-Dichloroethene
Concen: 20.553 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

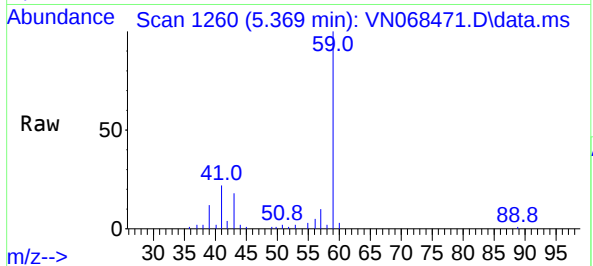
Tgt Ion: 96 Resp: 116255
Ion Ratio Lower Upper
96 100
61 124.6 102.3 153.5
98 65.2 52.3 78.5





#23
tert-Butyl Alcohol
Concen: 95.990 ug/l
RT: 5.369 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

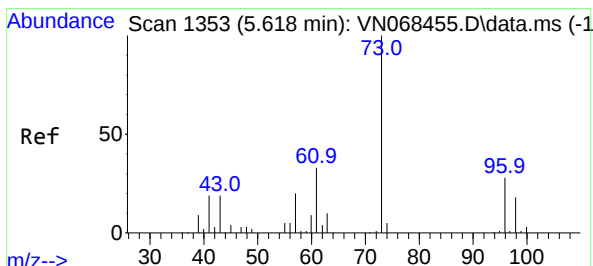
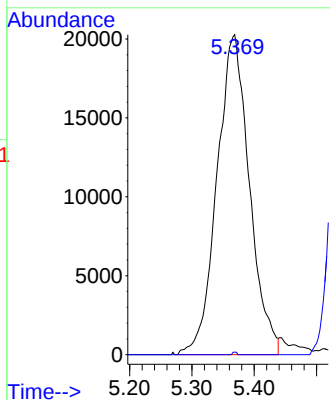
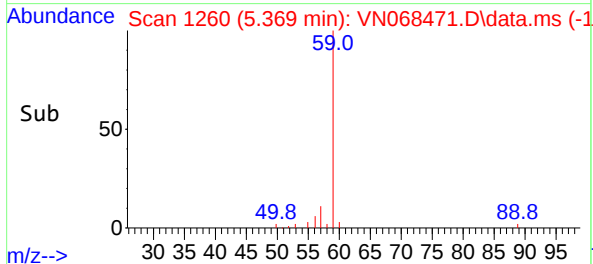
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



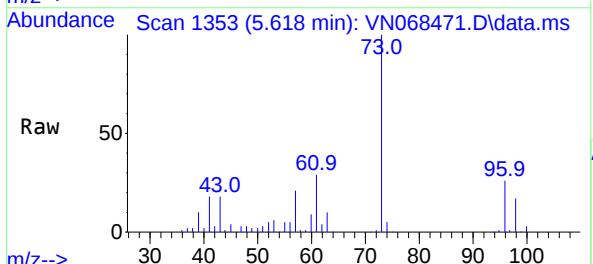
Tgt Ion: 59 Resp: 7341
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
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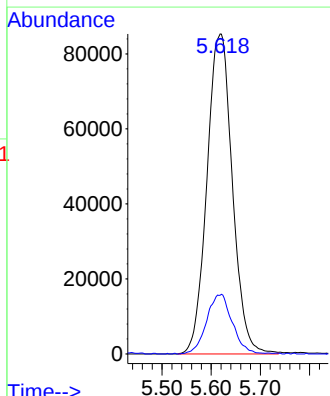
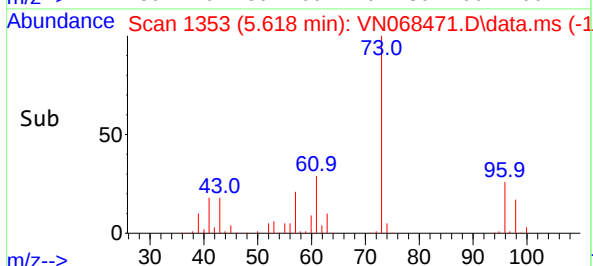
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

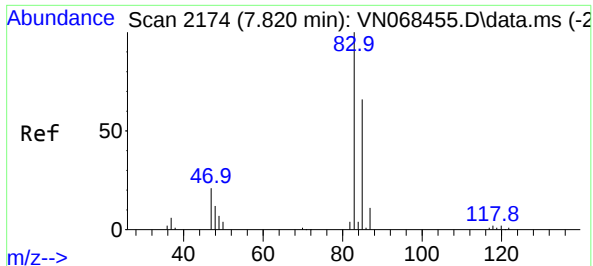


#24
Methyl tert-Butyl Ether
Concen: 21.487 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



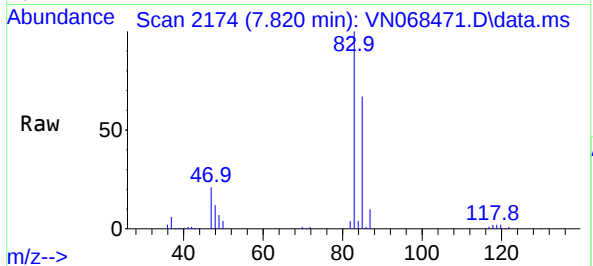
Tgt Ion: 73 Resp: 307197
Ion Ratio Lower Upper
73 100
43 9.1 14.9 22.3





#25
Chloroform
Concen: 21.132 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

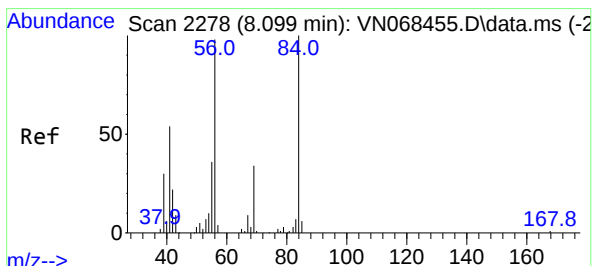
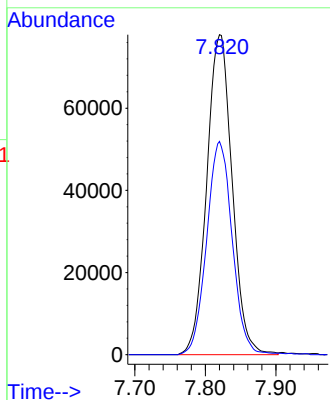
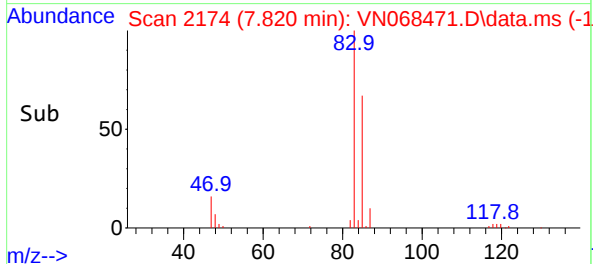
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



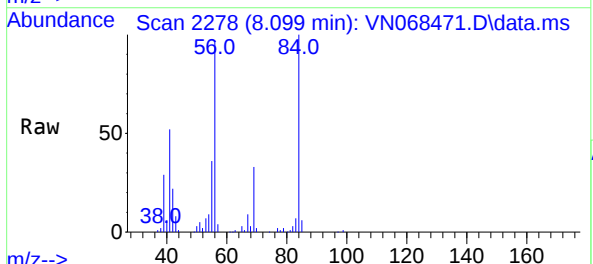
Tgt Ion: 83 Resp: 195460
Ion Ratio Lower Upper
83 100
85 66.6 52.6 78.8

Manual Integrations
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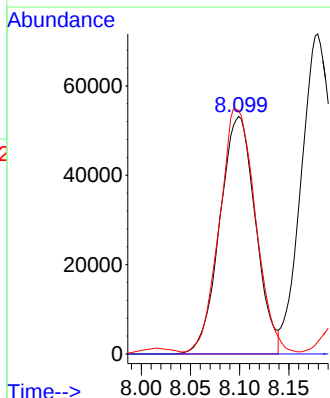
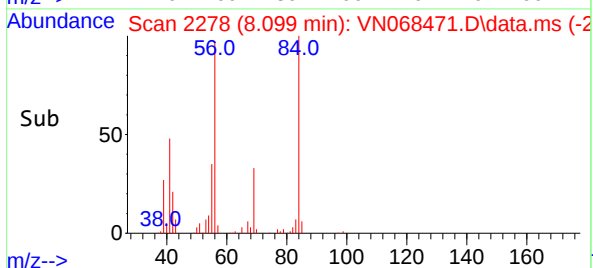
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

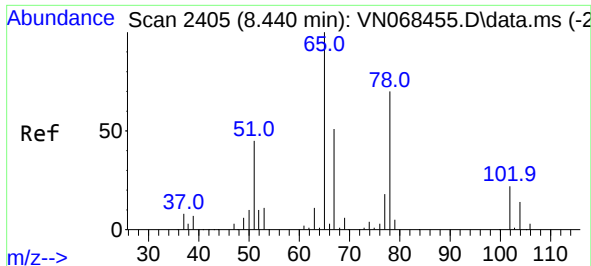


#26
Cyclohexane
Concen: 20.564 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



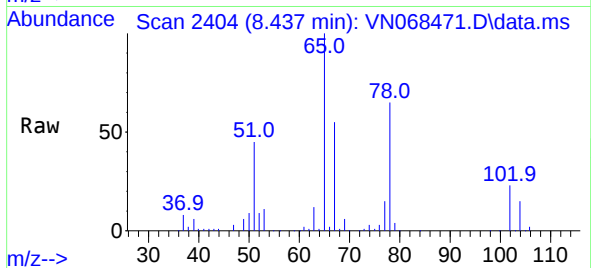
Tgt Ion: 56 Resp: 134368
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 104.9 82.8 124.2





#27
1,2-Dichloroethane-d4
Concen: 30.749 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

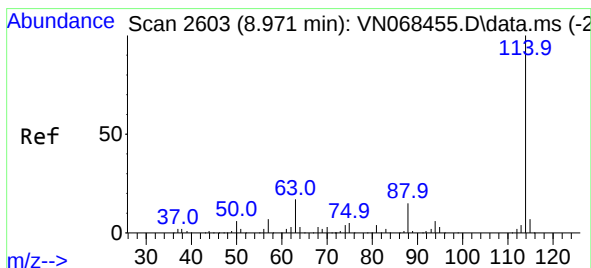
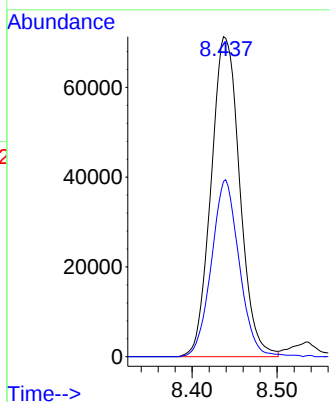
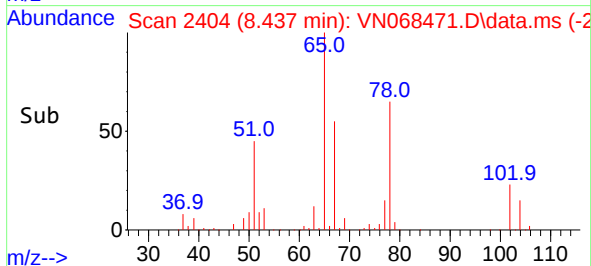
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



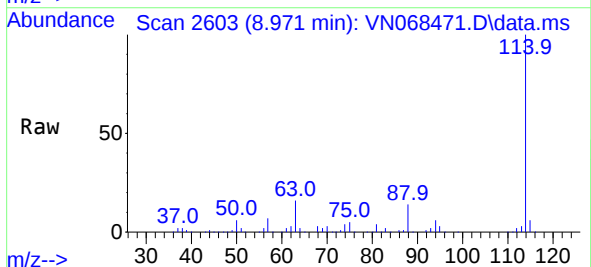
Tgt Ion: 65 Resp: 167309
Ion Ratio Lower Upper
65 100
67 53.5 41.8 62.8

Manual Integrations
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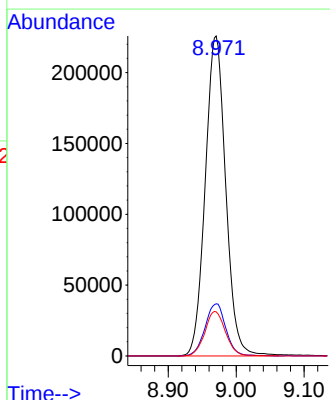
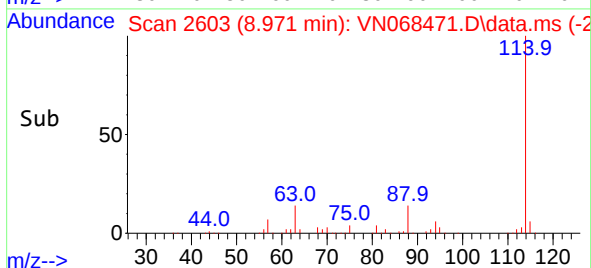
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

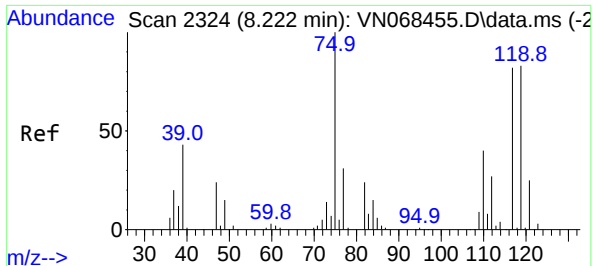


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



Tgt Ion:114 Resp: 471923
Ion Ratio Lower Upper
114 100
63 16.7 13.4 20.0
88 14.2 11.1 16.7





#29

1,1-Dichloropropene

Concen: 21.004 ug/l

RT: 8.222 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN068471.D

Acq: 14 Sep 2021 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

Tgt Ion: 75 Resp: 132850

Ion Ratio Lower Upper

75 100

110 40.0 0.0 82.2

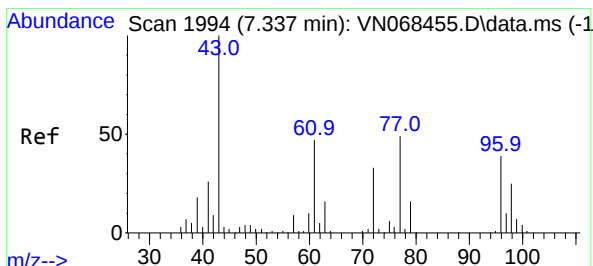
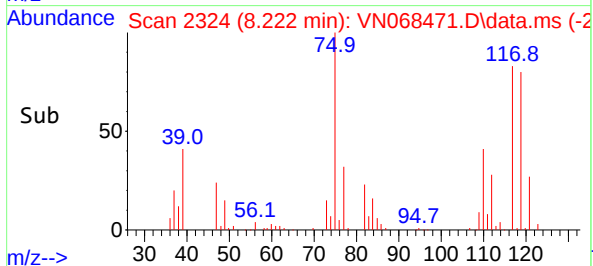
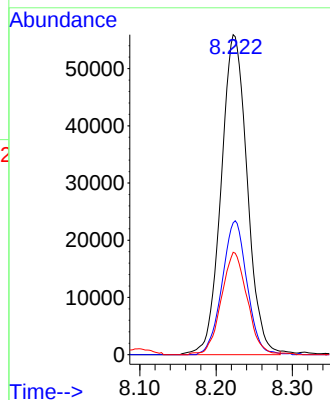
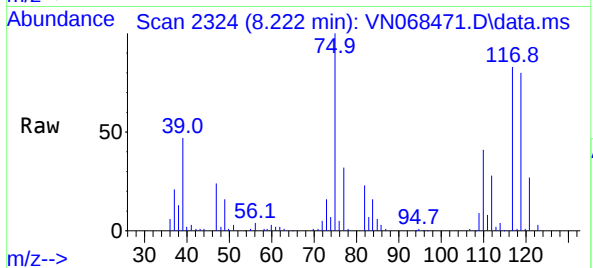
77 30.8 0.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#30

2-Butanone

Concen: 102.629 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VN068471.D

Acq: 14 Sep 2021 15:00

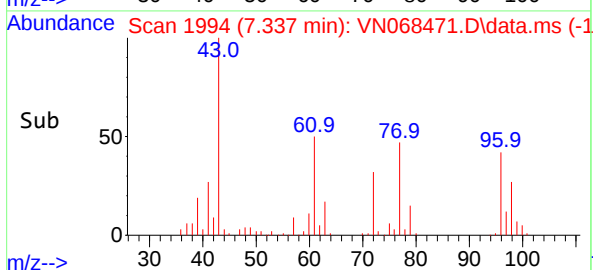
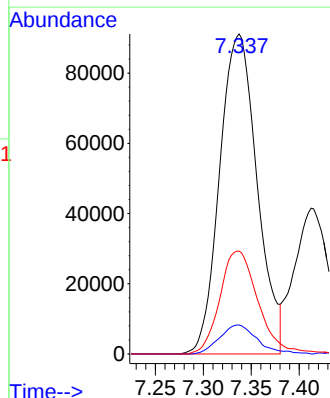
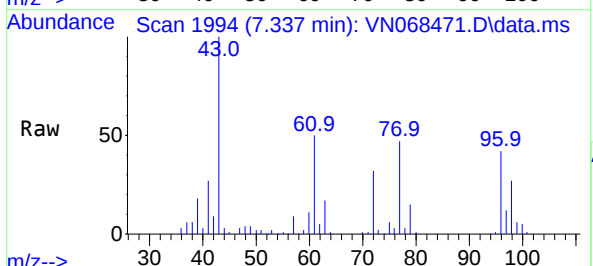
Tgt Ion: 43 Resp: 247762

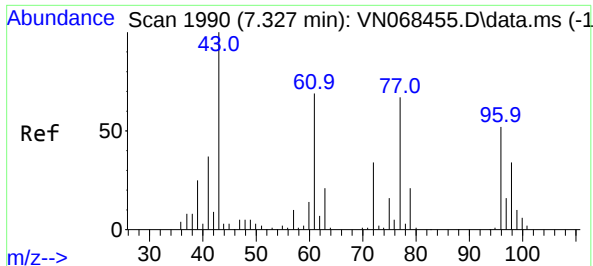
Ion Ratio Lower Upper

43 100

57 8.8 3.2 4.8#

72 32.1 26.6 39.8





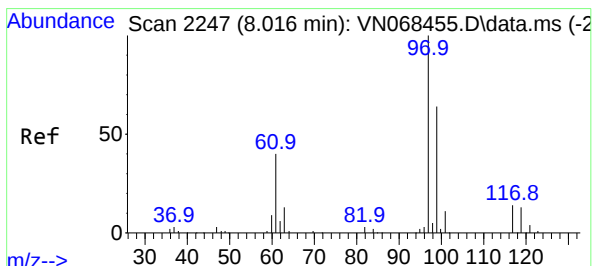
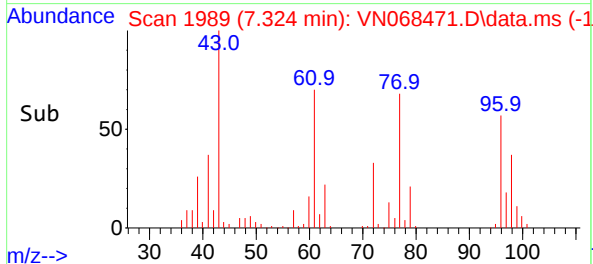
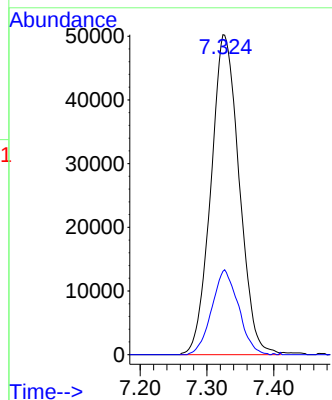
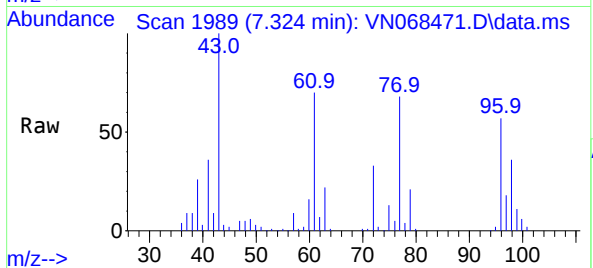
#31
2,2-Dichloropropane
Concen: 20.305 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion: 77 Resp: 14780
Ion Ratio Lower Upper
77 100
97 25.0 18.6 28.0

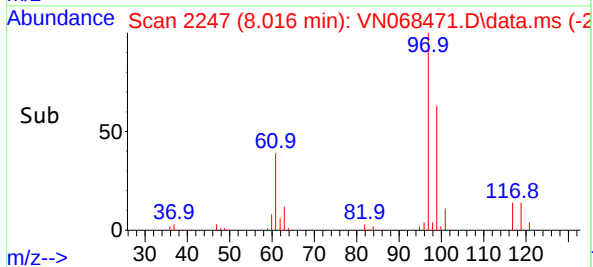
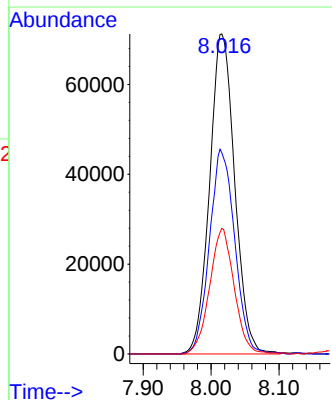
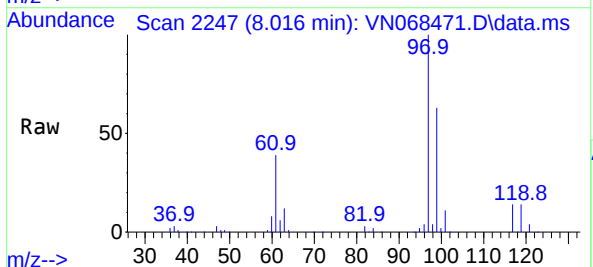
Manual Integrations
APPROVED

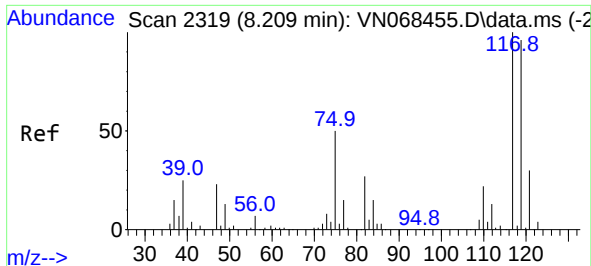
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#32
1,1,1-Trichloroethane
Concen: 21.318 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

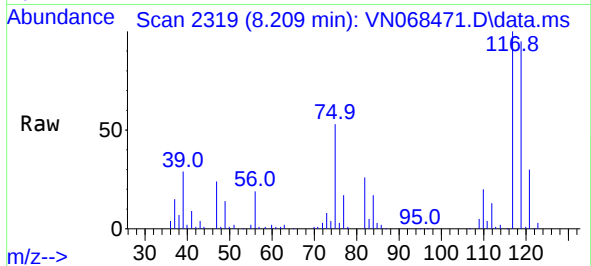
Tgt Ion: 97 Resp: 183112
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 38.2 31.4 47.0





#33
Carbon Tetrachloride
Concen: 20.692 ug/l
RT: 8.209 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

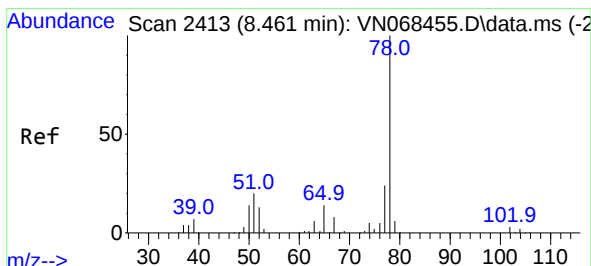
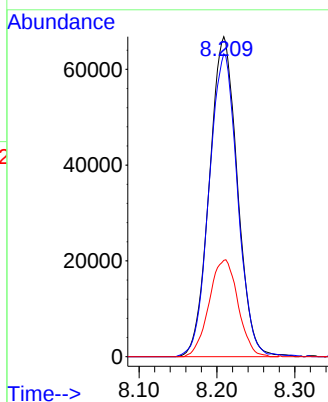
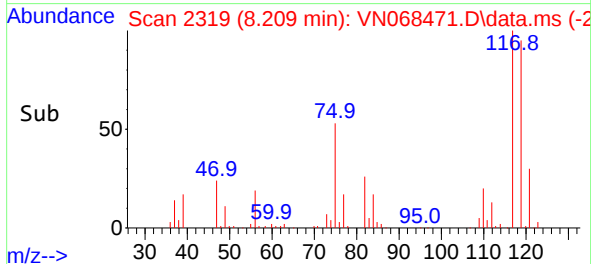
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



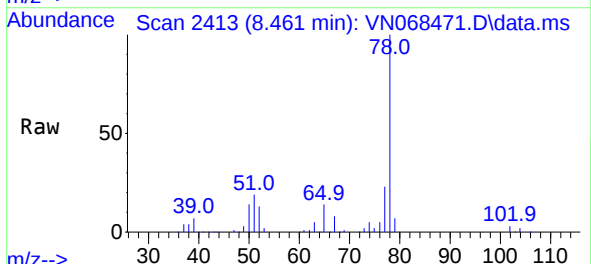
Tgt Ion:117 Resp: 16613
Ion Ratio Lower Upper
117 100
119 94.4 76.8 115.2
121 30.1 24.4 36.6

Manual Integrations
APPROVED

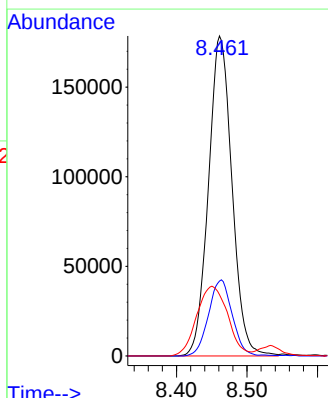
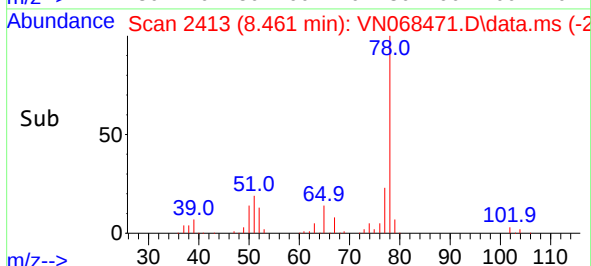
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

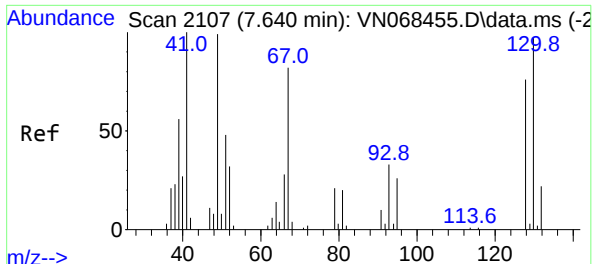


#34
Benzene
Concen: 21.433 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



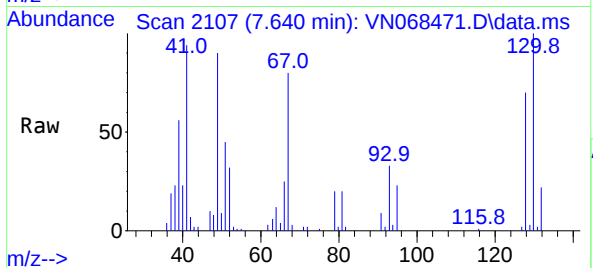
Tgt Ion: 78 Resp: 413417
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8
51 18.4 15.8 23.6





#35
Methacrylonitrile
Concen: 21.134 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

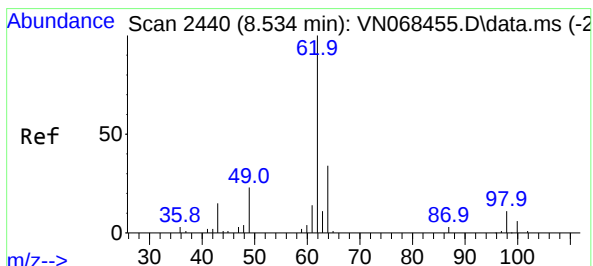
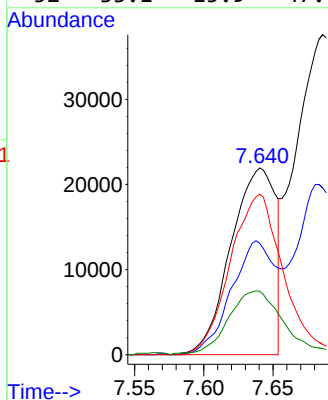
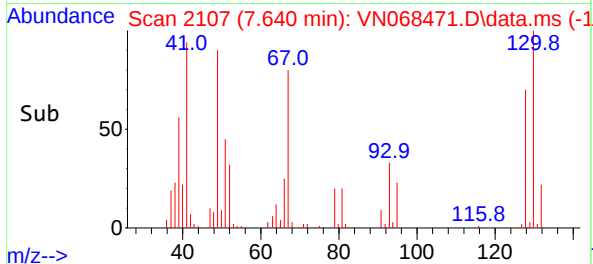
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



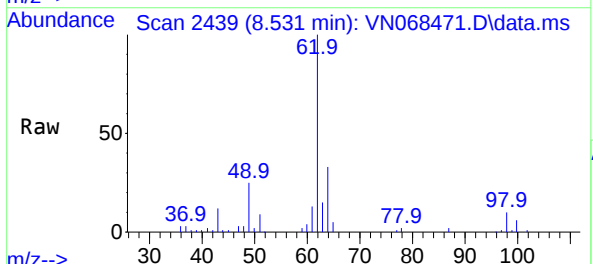
Tgt Ion: 41 Resp: 4920
Ion Ratio Lower Upper
41 100
39 59.6 28.2 84.6
67 86.0 40.8 122.5
52 33.1 15.9 47.7

Manual Integrations
APPROVED

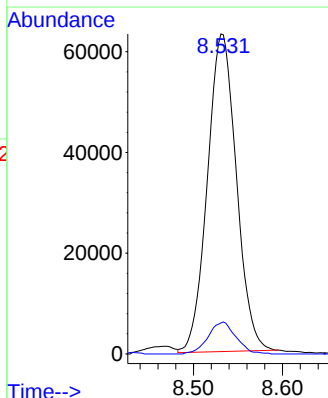
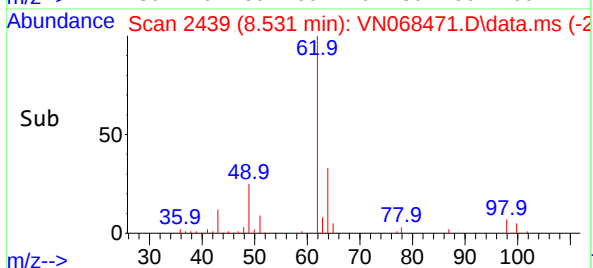
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

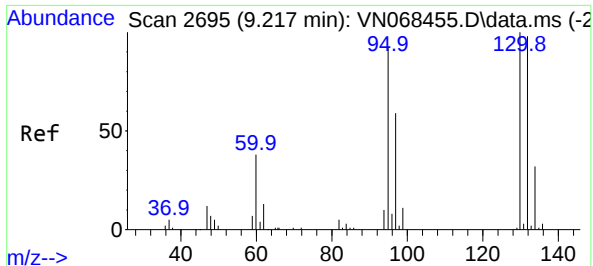


#36
1,2-Dichloroethane
Concen: 21.977 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



Tgt Ion: 62 Resp: 142724
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.8





#37

Trichloroethene

Concen: 20.595 ug/l

RT: 9.220 min Scan# 2695

Delta R.T. 0.003 min

Lab File: VN068471.D

Acq: 14 Sep 2021 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

Tgt Ion:130 Resp: 127295

Ion Ratio Lower Upper

130 100

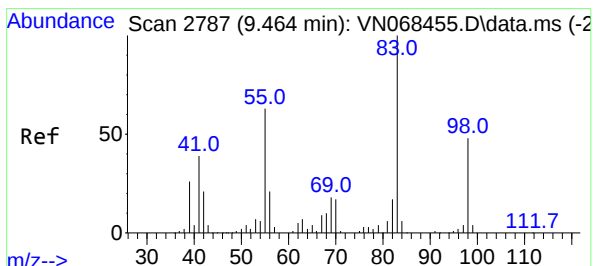
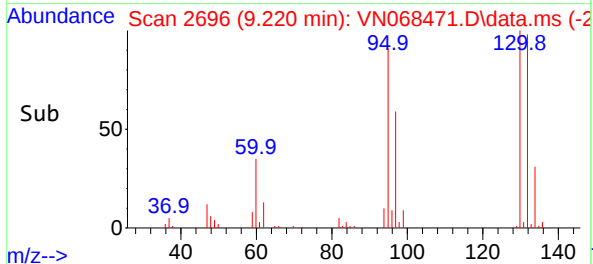
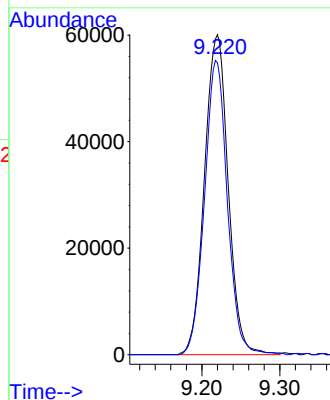
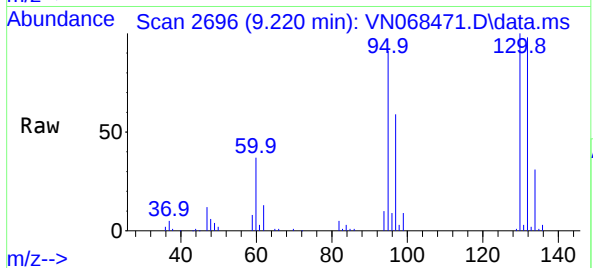
95 90.8 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#38

Methylcyclohexane

Concen: 20.919 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. -0.003 min

Lab File: VN068471.D

Acq: 14 Sep 2021 15:00

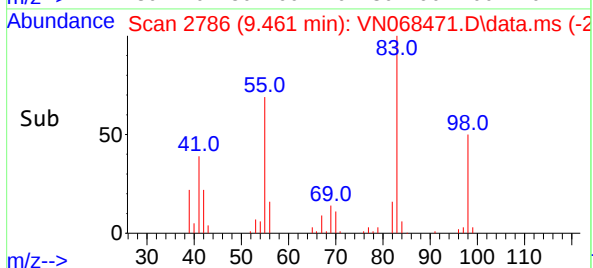
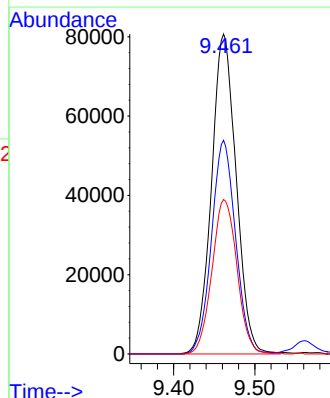
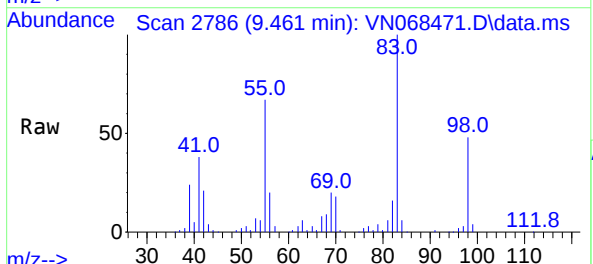
Tgt Ion: 83 Resp: 170081

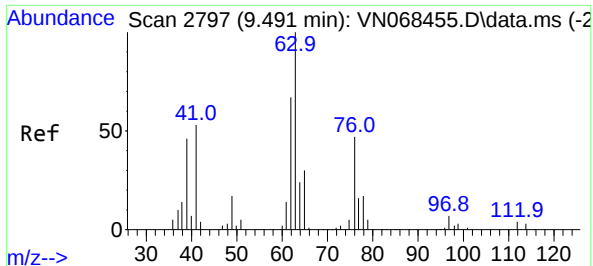
Ion Ratio Lower Upper

83 100

55 65.4 32.1 96.3

98 48.9 24.0 72.0





#39

1,2-Dichloropropane

Concen: 21.635 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN068471.D

Acq: 14 Sep 2021 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

Tgt Ion: 63 Resp: 98214

Ion Ratio Lower Upper

63 100

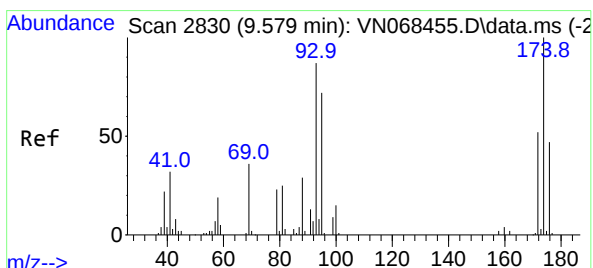
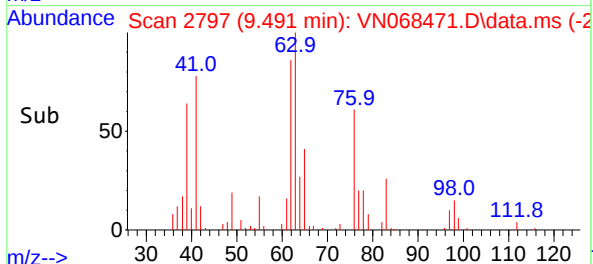
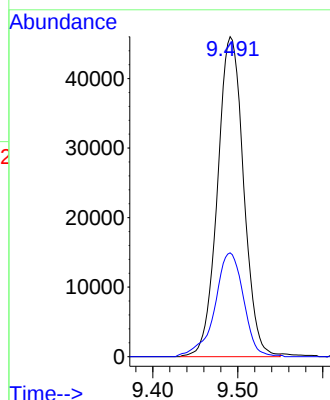
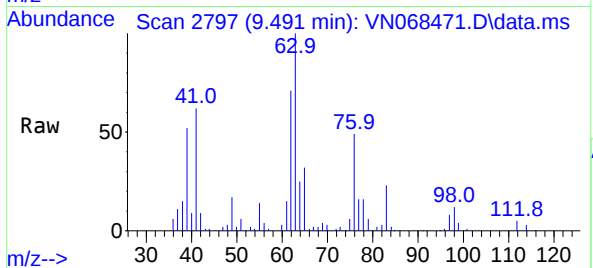
65 32.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#40

Dibromomethane

Concen: 21.337 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VN068471.D

Acq: 14 Sep 2021 15:00

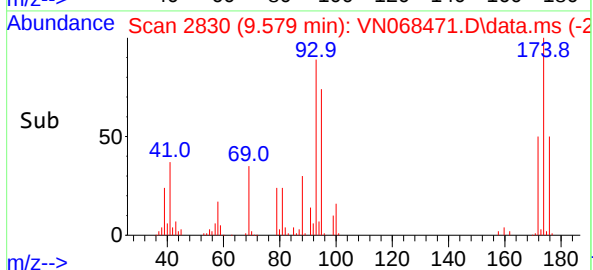
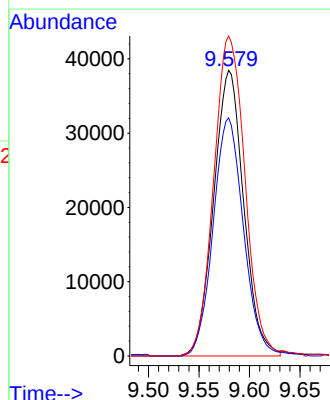
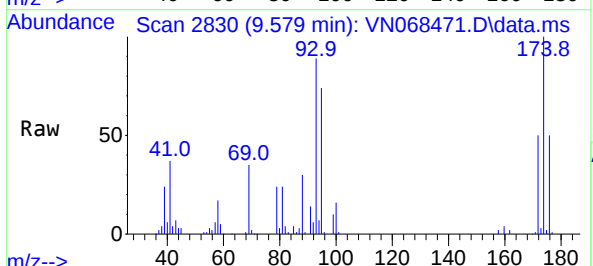
Tgt Ion: 93 Resp: 79584

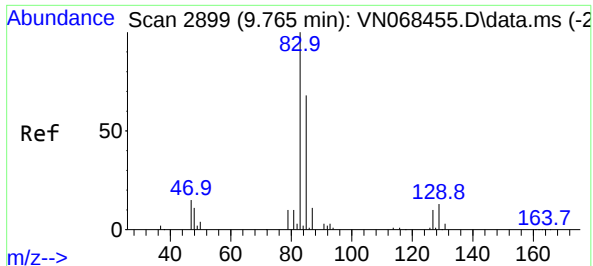
Ion Ratio Lower Upper

93 100

95 84.3 0.0 165.2

174 116.1 0.0 231.8





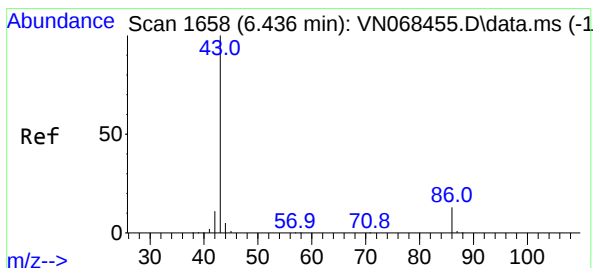
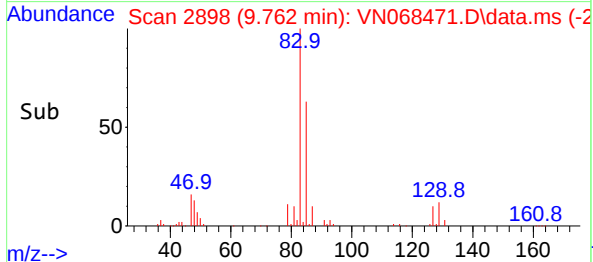
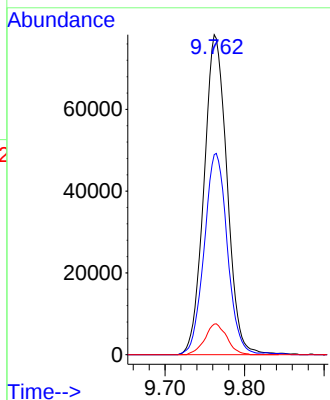
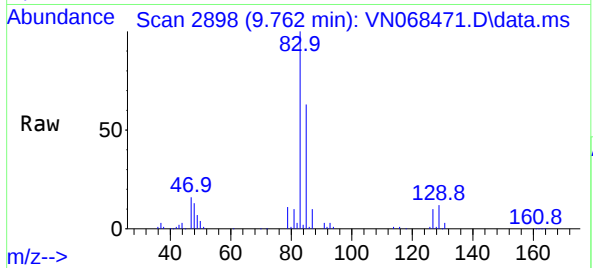
#41
Bromodichloromethane
Concen: 21.840 ug/l
RT: 9.762 min Scan# 2899
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion: 83 Resp: 15742
Ion Ratio Lower Upper
83 100
85 62.5 54.1 81.1
127 9.6 8.8 13.2

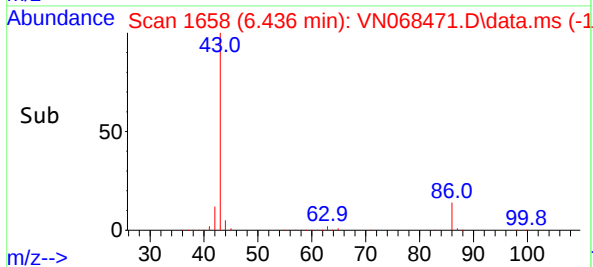
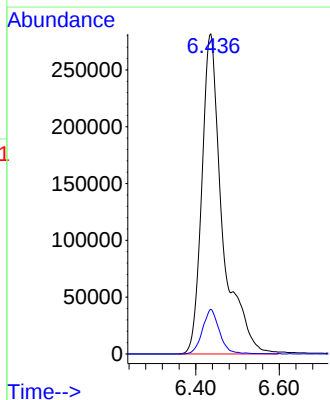
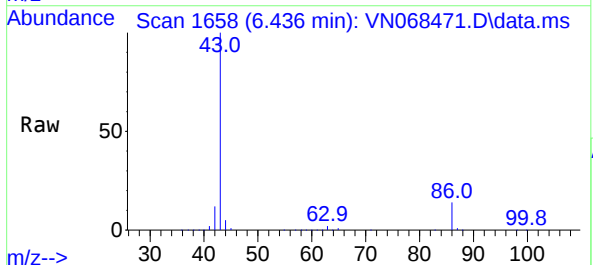
Manual Integrations
APPROVED

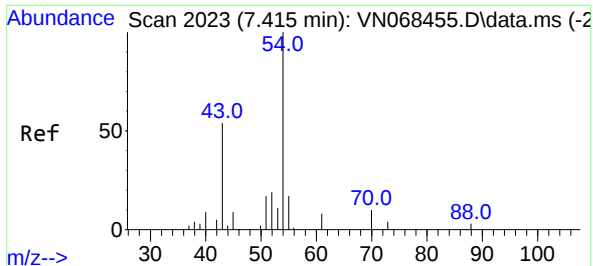
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#42
Vinyl Acetate
Concen: 108.259 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Tgt Ion: 43 Resp: 962942
Ion Ratio Lower Upper
43 100
86 11.4 9.0 13.6





#43

Ethyl Acetate

Concen: 20.598 ug/l

RT: 7.412 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN068471.D

Acq: 14 Sep 2021 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBSD01

Tgt Ion: 43 Resp: 104880

Ion Ratio Lower Upper

43 100

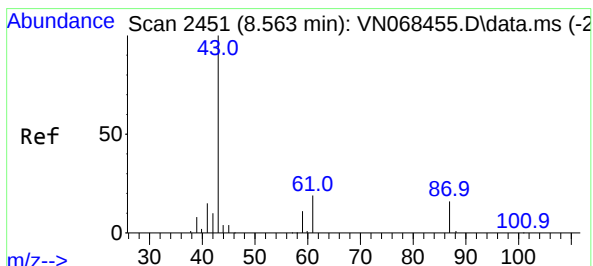
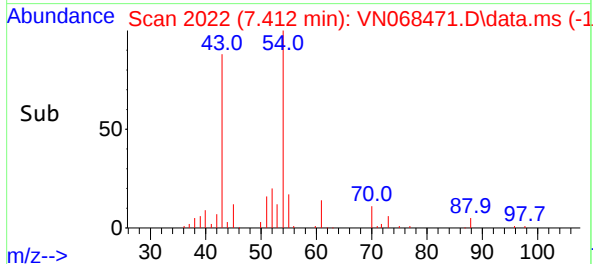
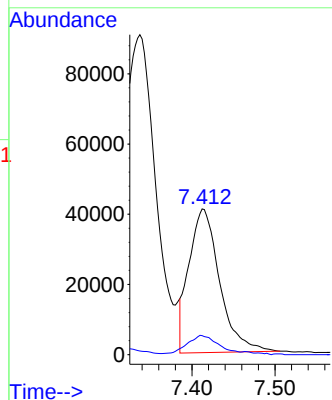
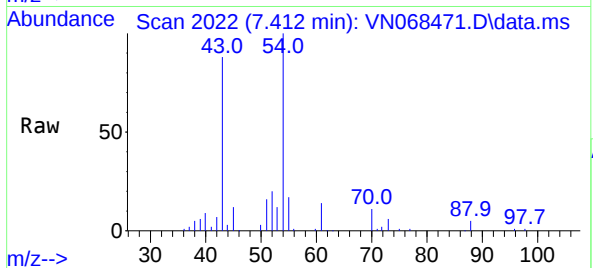
45 12.2 0.4 0.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#44

Isopropyl Acetate

Concen: 21.295 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. -0.000 min

Lab File: VN068471.D

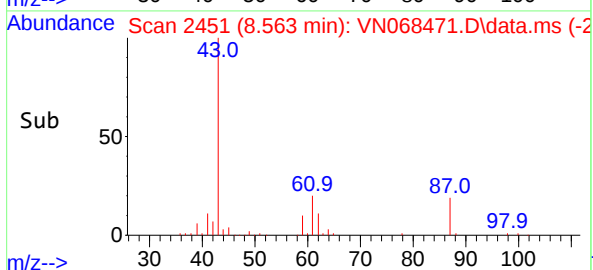
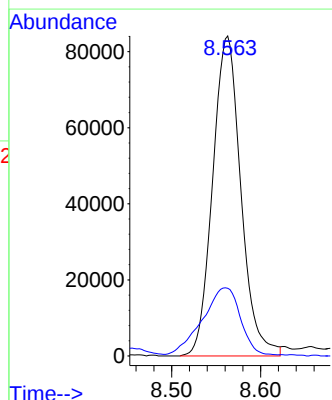
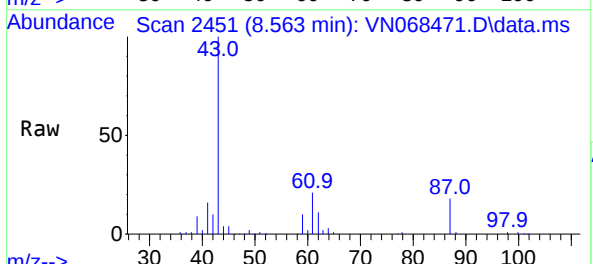
Acq: 14 Sep 2021 15:00

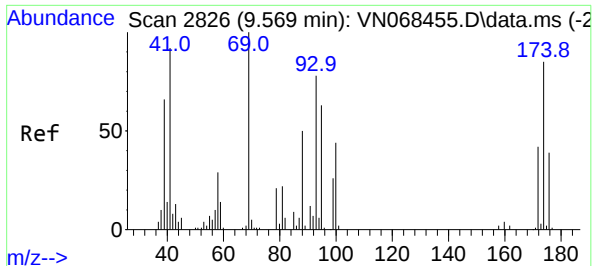
Tgt Ion: 43 Resp: 185602

Ion Ratio Lower Upper

43 100

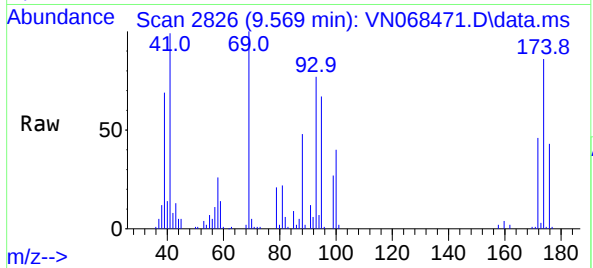
61 28.3 22.7 34.1





#45
1,4-Dioxane
Concen: 414.122 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

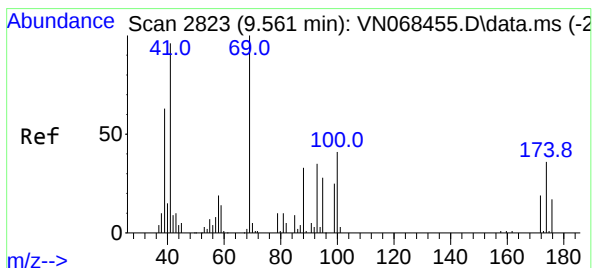
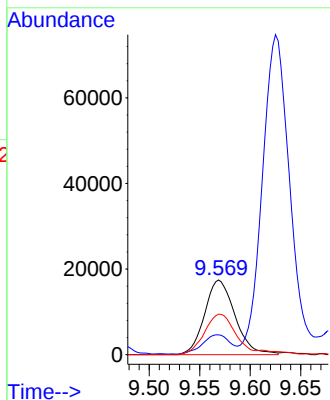
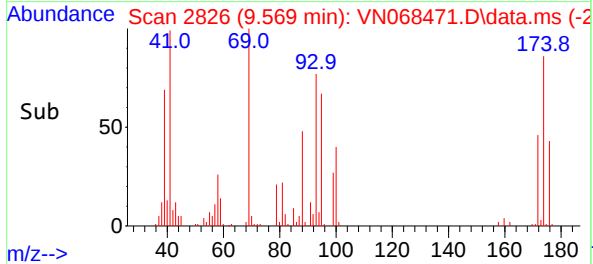
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



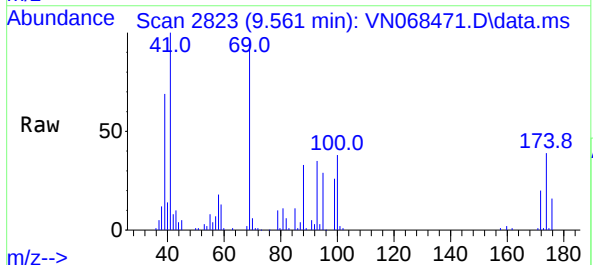
Tgt Ion: 88 Resp: 3649
Ion Ratio Lower Upper
88 100
43 23.2 21.0 31.4
58 54.9 47.0 70.6

Manual Integrations
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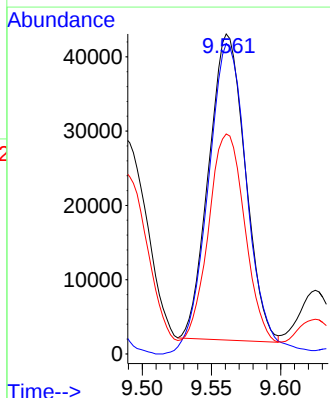
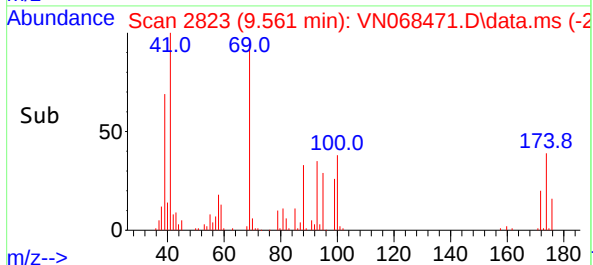
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

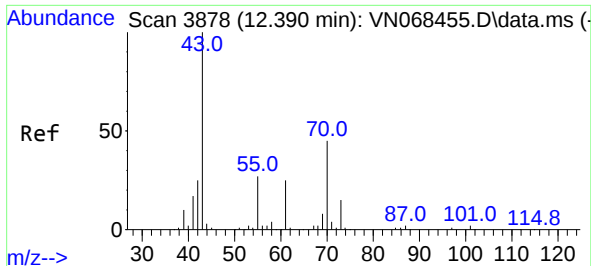


#46
Methyl methacrylate
Concen: 21.412 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



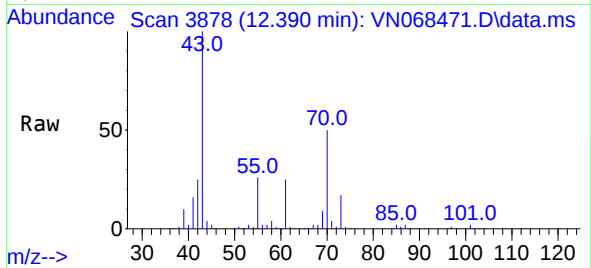
Tgt Ion: 41 Resp: 75486
Ion Ratio Lower Upper
41 100
69 99.7 51.4 154.3
39 68.4 33.1 99.2





#47
n-amyl acetate
Concen: 21.036 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

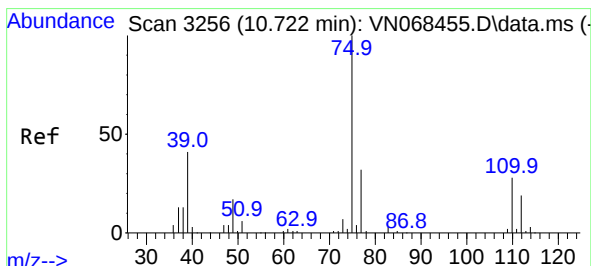
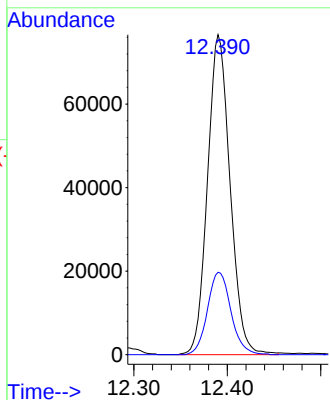
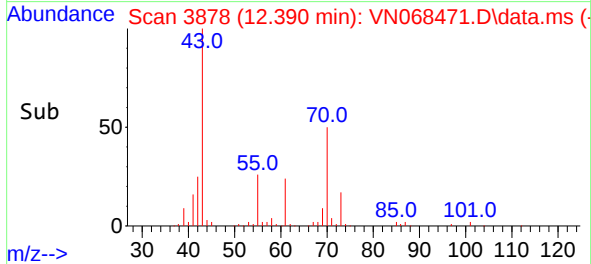
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



Tgt Ion: 43 Resp: 128740
Ion Ratio Lower Upper
43 100
55 26.8 21.7 32.5

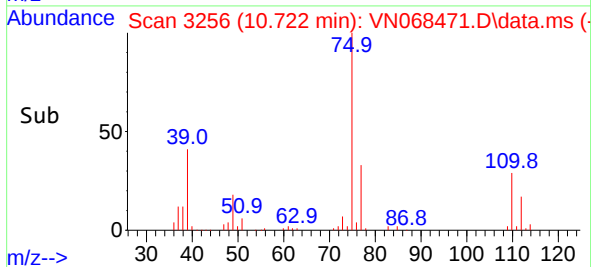
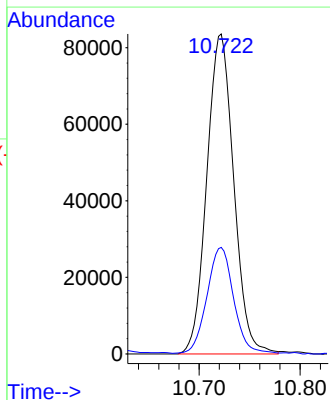
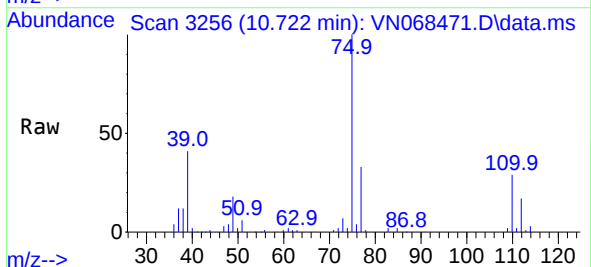
Manual Integrations
APPROVED

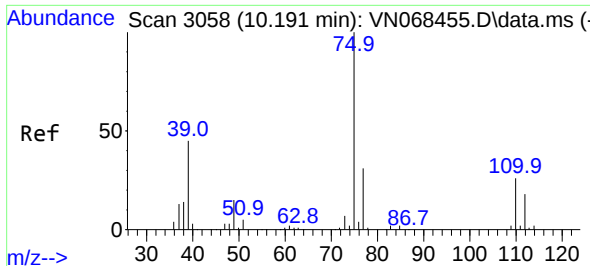
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#48
t-1,3-Dichloropropene
Concen: 21.201 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

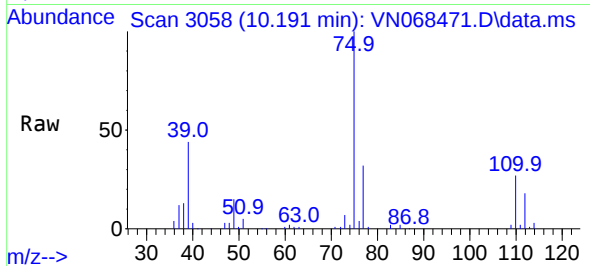
Tgt Ion: 75 Resp: 154725
Ion Ratio Lower Upper
75 100
77 33.0 26.0 39.0





#49
cis-1,3-Dichloropropene
Concen: 21.109 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

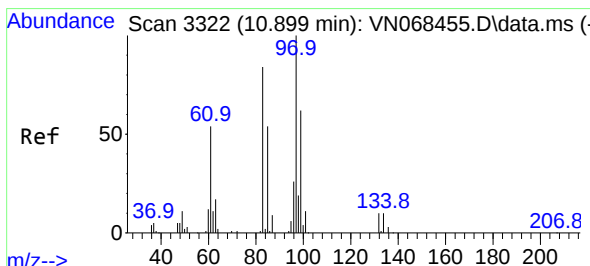
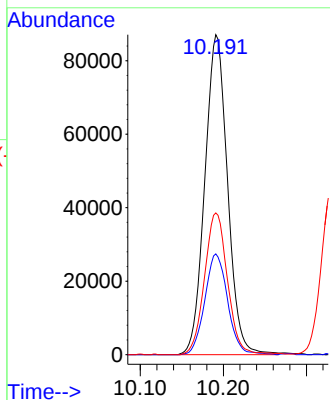
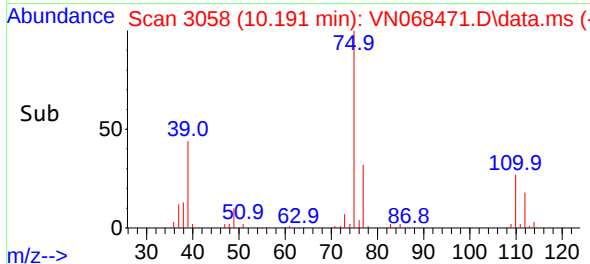
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



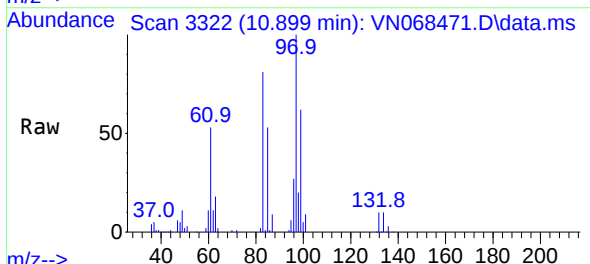
Tgt Ion: 75 Resp: 165570
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8
39 44.3 35.9 53.9

Manual Integrations
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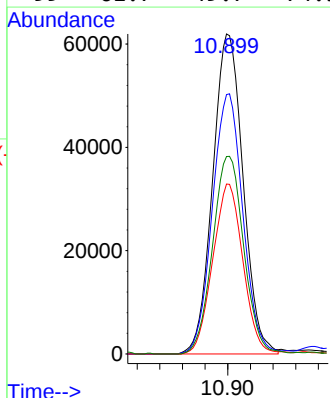
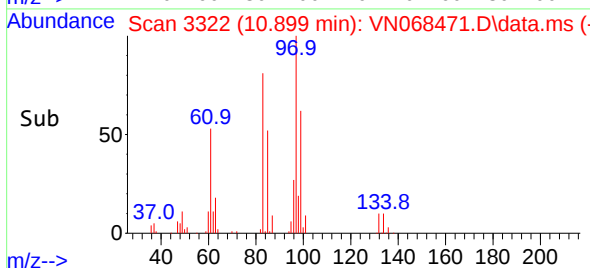
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

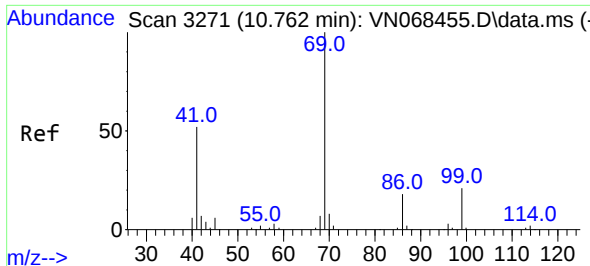


#50
1,1,2-Trichloroethane
Concen: 21.399 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



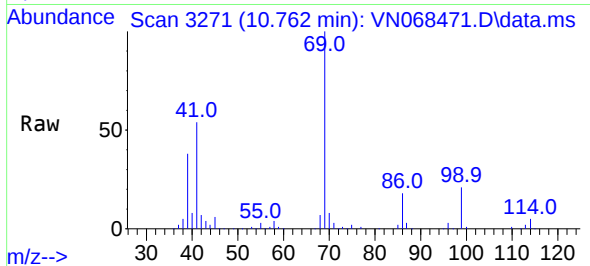
Tgt Ion: 97 Resp: 115344
Ion Ratio Lower Upper
97 100
83 81.0 66.8 100.2
85 53.1 43.5 65.3
99 61.7 49.7 74.5





#51
Ethyl methacrylate
Concen: 21.220 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

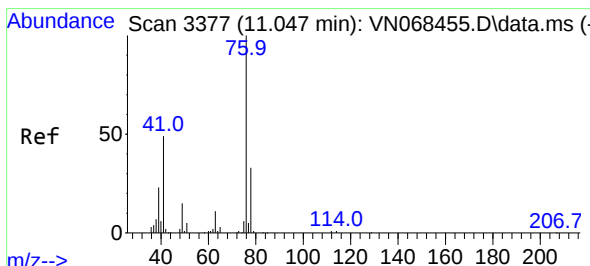
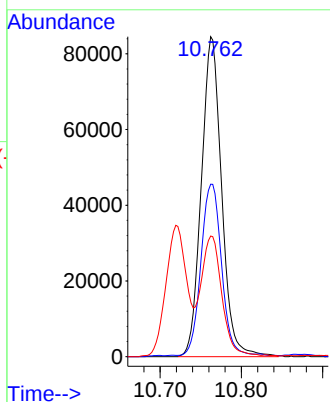
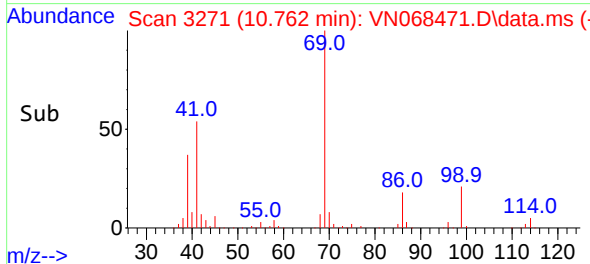
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



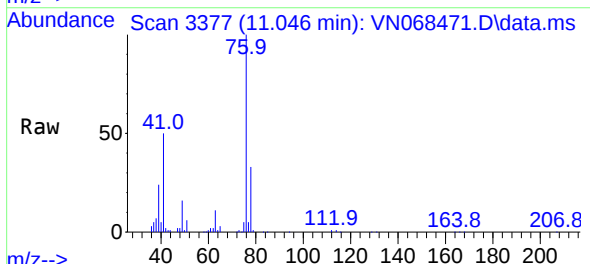
Tgt Ion: 69 Resp: 14684
Ion Ratio Lower Upper
69 100
41 53.6 26.1 78.3
39 37.4 18.0 54.0

Manual Integrations
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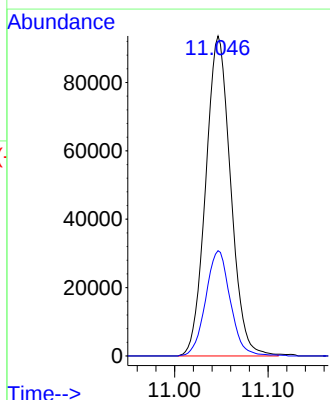
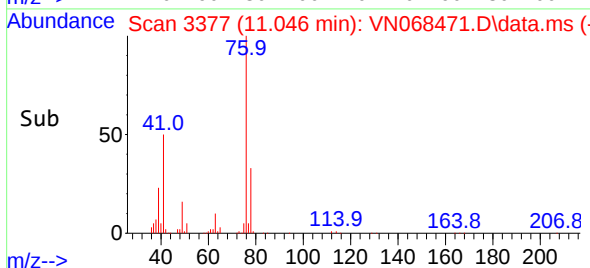
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

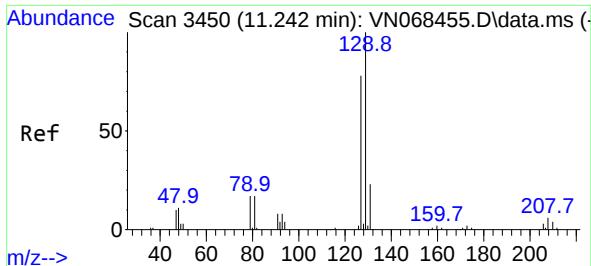


#52
1,3-Dichloropropane
Concen: 21.683 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



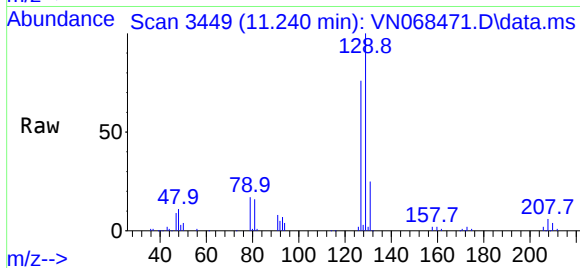
Tgt Ion: 76 Resp: 173802
Ion Ratio Lower Upper
76 100
78 32.4 0.0 66.4





#53
Dibromochloromethane
Concen: 21.194 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

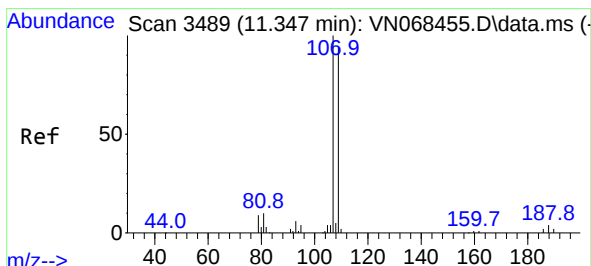
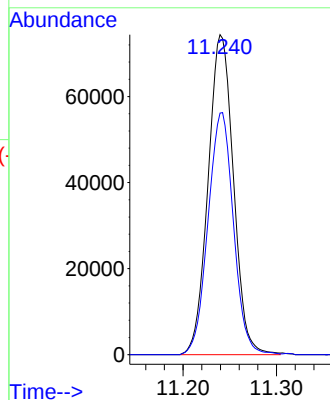
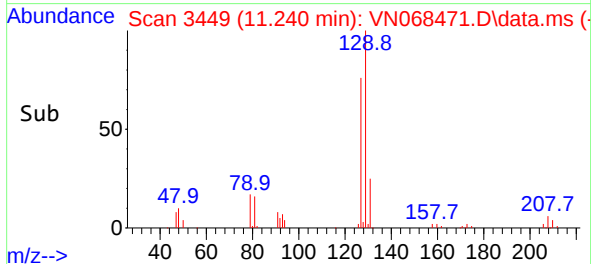
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



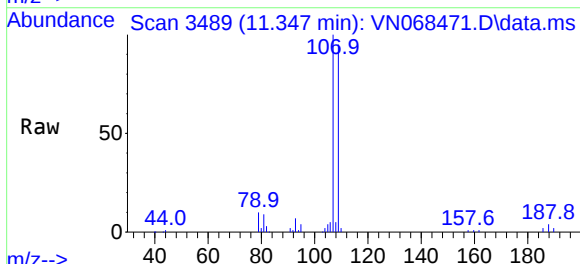
Tgt Ion:129 Resp: 140470
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5

Manual Integrations
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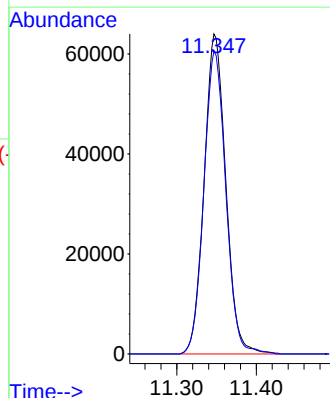
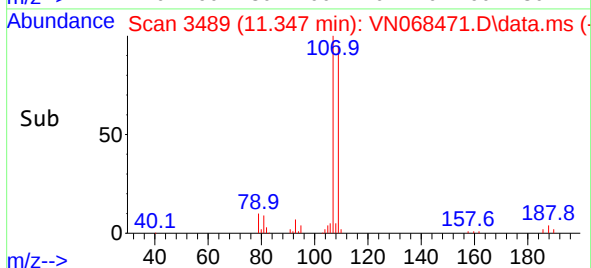
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

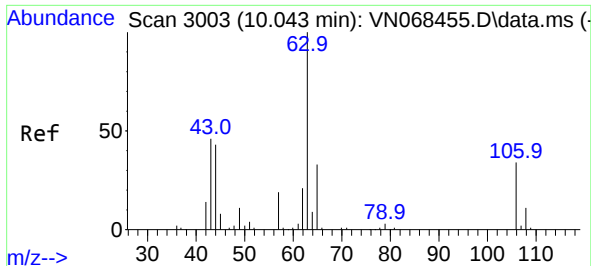


#54
1,2-Dibromoethane
Concen: 21.020 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



Tgt Ion:107 Resp: 121508
Ion Ratio Lower Upper
107 100
109 95.5 77.0 115.4





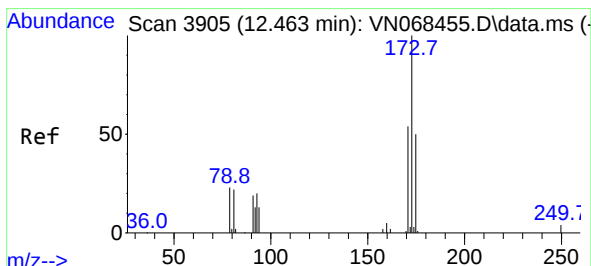
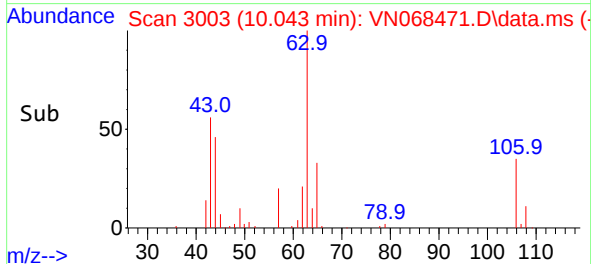
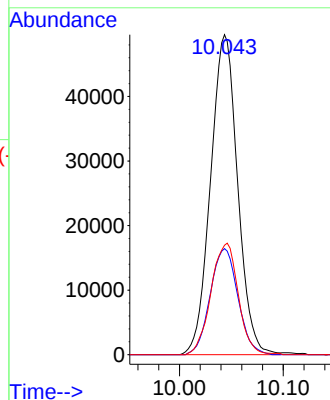
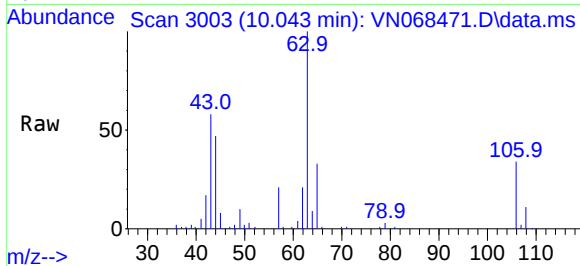
#55
2-Chloroethyl vinyl ether
Concen: 76.633 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion: 63 Resp: 89770
Ion Ratio Lower Upper
63 100
65 34.0 26.2 39.2
106 35.1 27.7 41.5

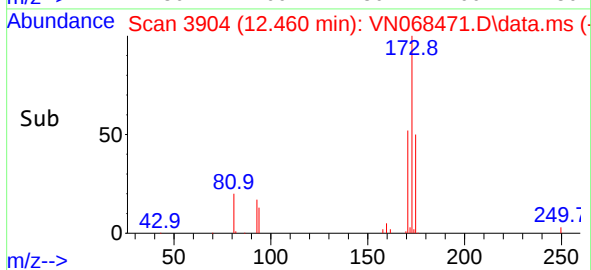
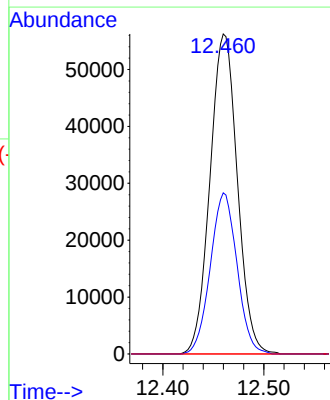
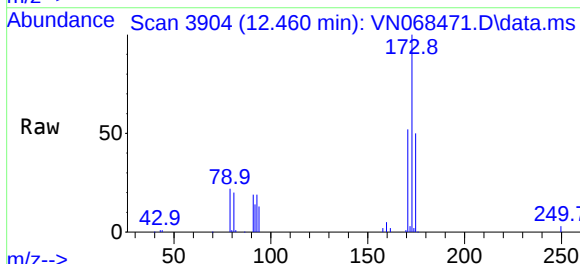
Manual Integrations
APPROVED

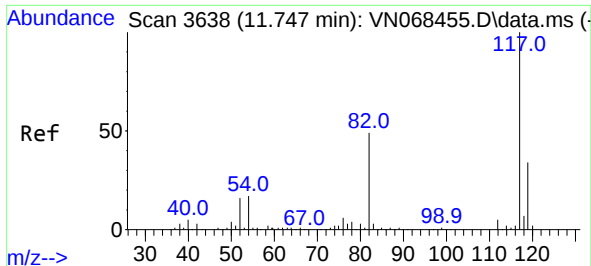
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#56
Bromoform
Concen: 19.873 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Tgt Ion:173 Resp: 105788
Ion Ratio Lower Upper
173 100
175 49.0 38.8 58.2
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Instrument :

MSVOA_N

ClientSampleId :

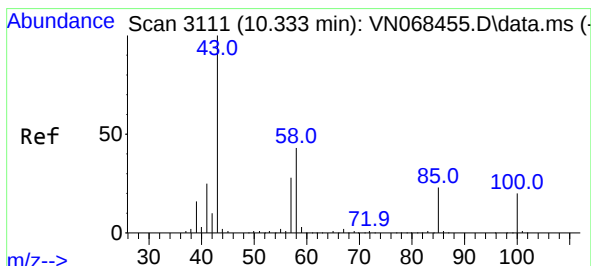
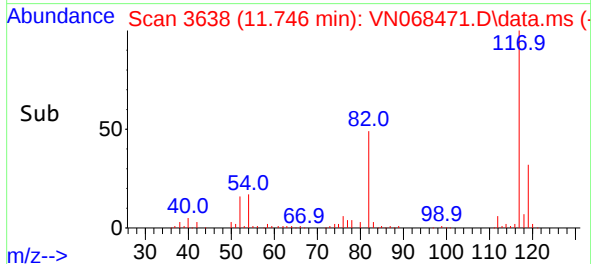
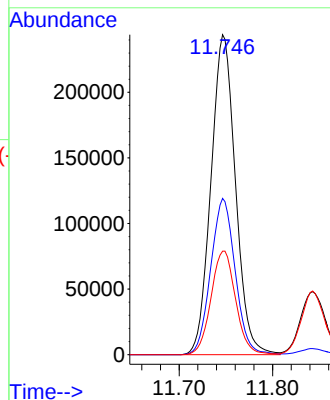
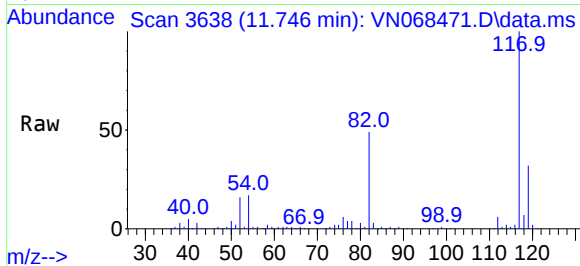
VN0914WBSD01

Tgt Ion:117 Resp: 444109
Ion Ratio Lower Upper
117 100
82 48.8 39.4 59.0
119 32.6 26.2 39.2

Manual Integrations

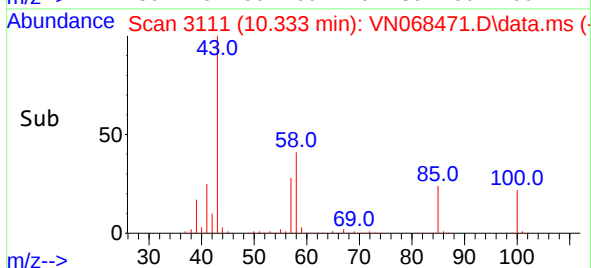
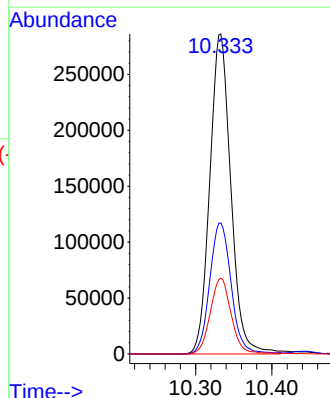
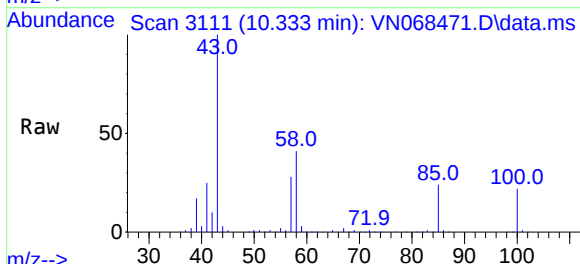
APPROVED

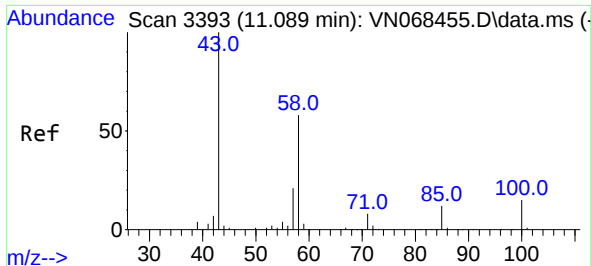
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#58
4-Methyl-2-Pentanone
Concen: 104.830 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

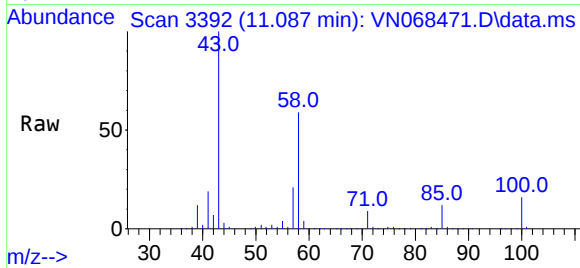
Tgt Ion: 43 Resp: 548042
Ion Ratio Lower Upper
43 100
58 41.8 33.3 49.9
85 23.5 18.6 27.8





#59
2-Hexanone
Concen: 103.201 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

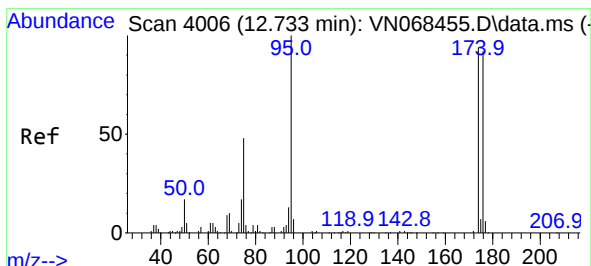
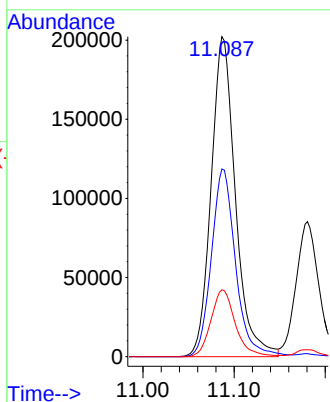
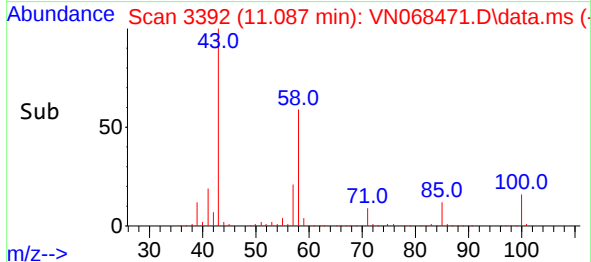
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



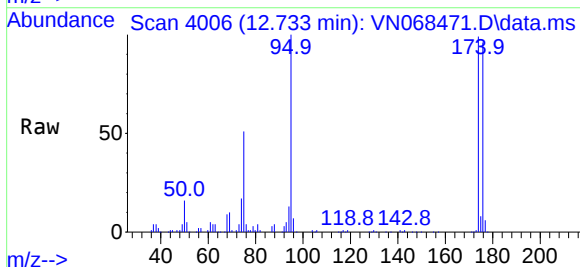
Tgt Ion: 43 Resp: 373924
Ion Ratio Lower Upper
43 100
58 58.5 46.4 69.6
57 21.0 16.6 25.0

Manual Integrations
APPROVED

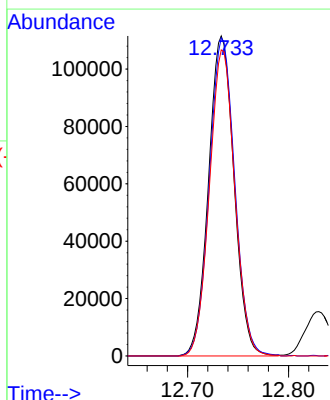
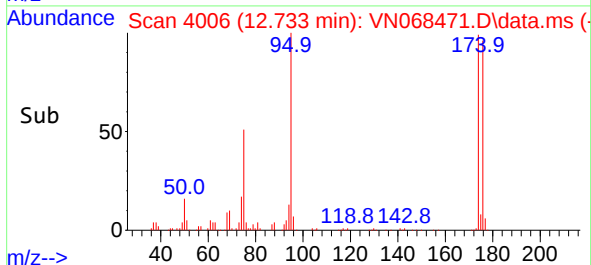
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

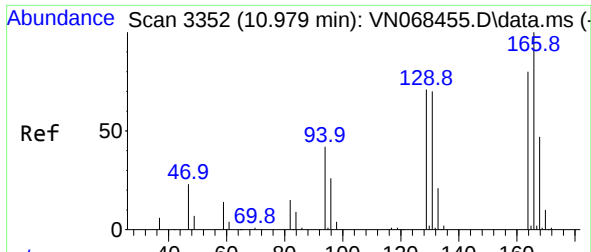


#60
4-Bromofluorobenzene
Concen: 30.834 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



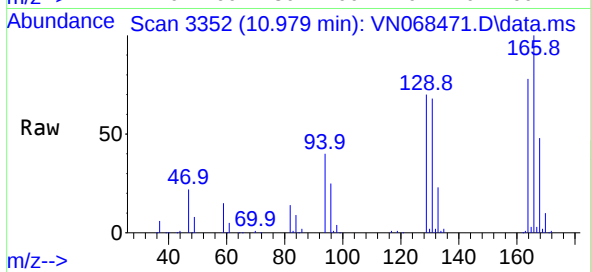
Tgt Ion: 95 Resp: 195183
Ion Ratio Lower Upper
95 100
174 99.2 78.0 117.0
176 95.3 76.4 114.6





#61
Tetrachloroethene
Concen: 21.183 ug/l
RT: 10.979 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

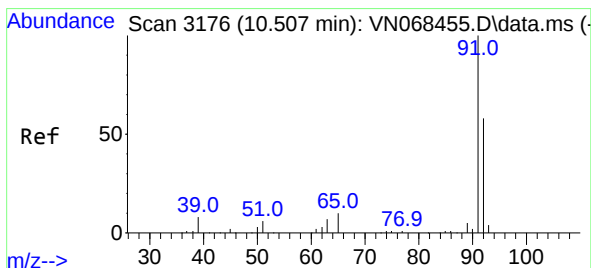
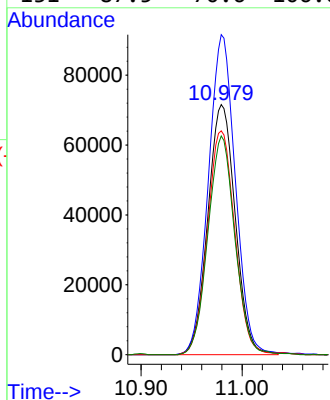
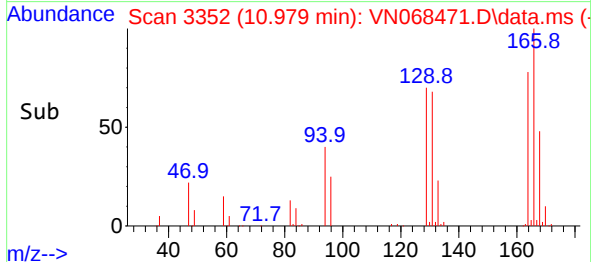
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



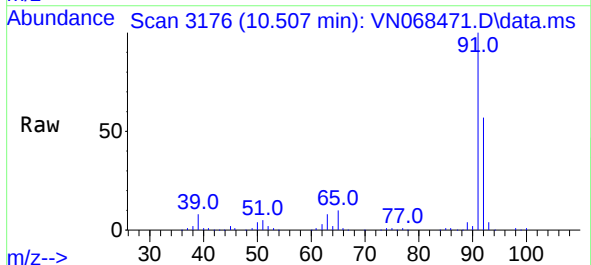
Tgt Ion:164 Resp: 135264
Ion Ratio Lower Upper
164 100
166 127.7 100.4 150.6
129 89.5 71.4 107.0
131 87.5 70.6 106.0

Manual Integrations
APPROVED

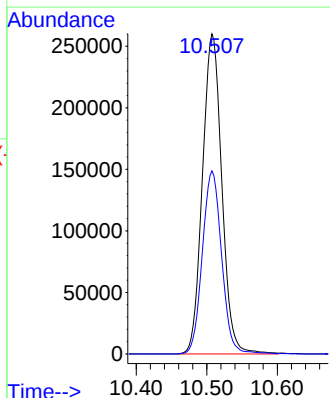
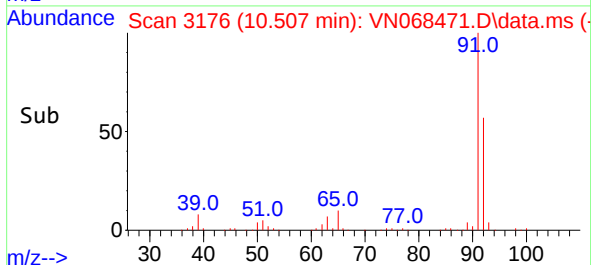
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

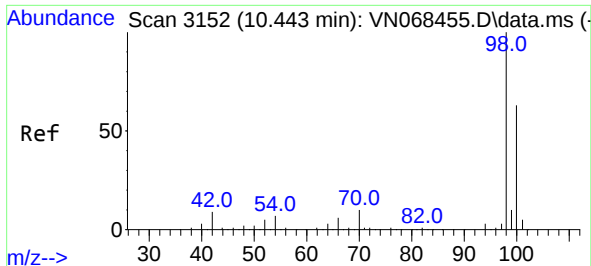


#62
Toluene
Concen: 21.256 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



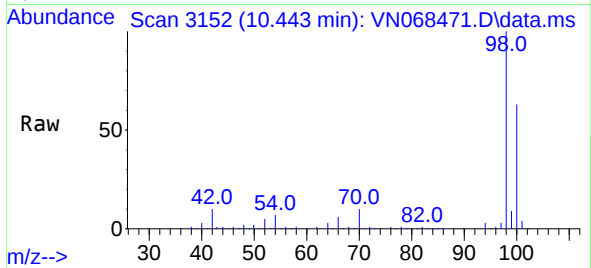
Tgt Ion: 91 Resp: 496832
Ion Ratio Lower Upper
91 100
92 56.9 45.8 68.6





#63
Toluene-d8
Concen: 30.324 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

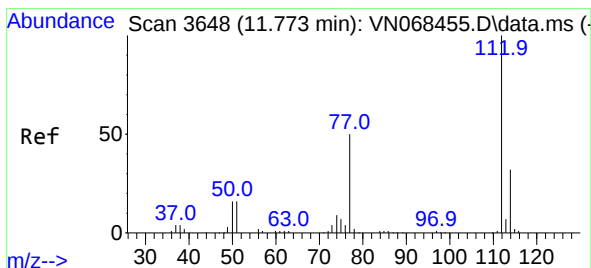
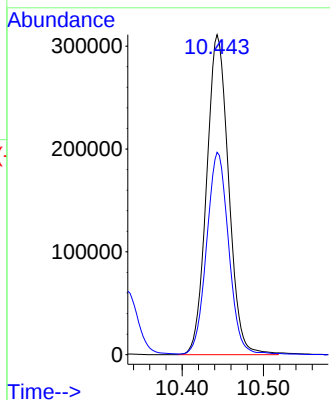
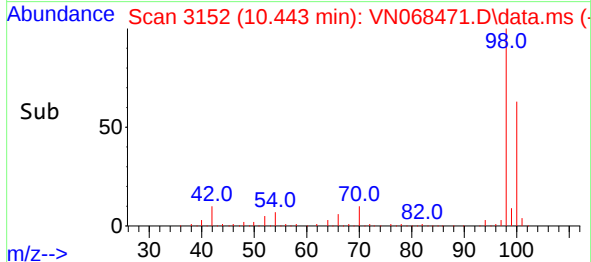
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



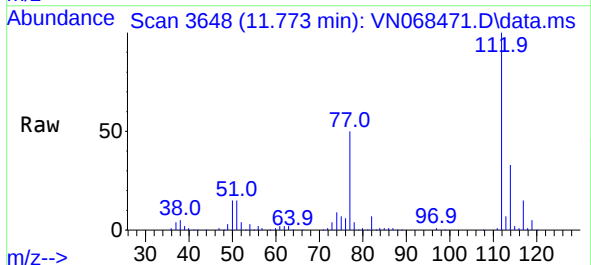
Tgt Ion: 98 Resp: 585860
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3

Manual Integrations
APPROVED

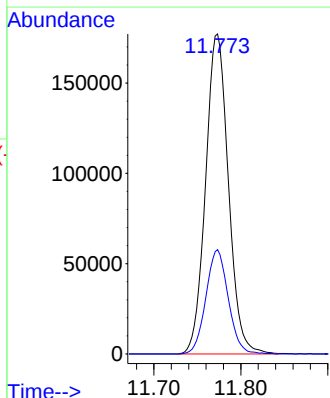
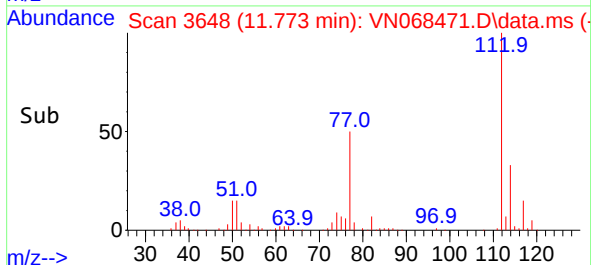
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

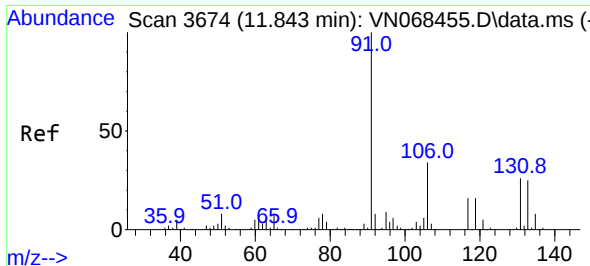


#64
Chlorobenzene
Concen: 20.948 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



Tgt Ion:112 Resp: 322938
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6





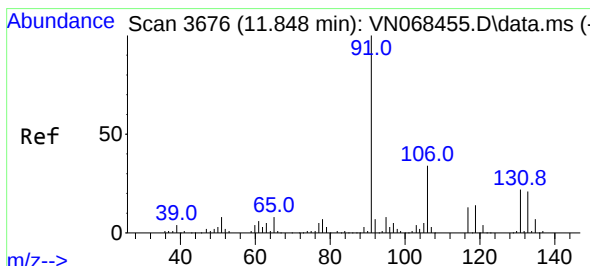
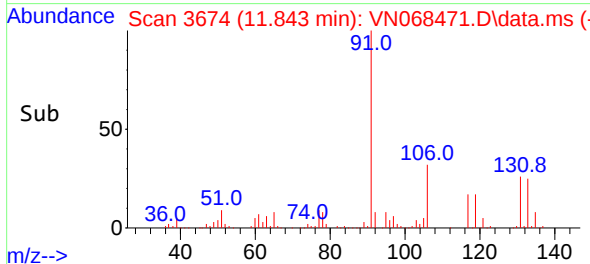
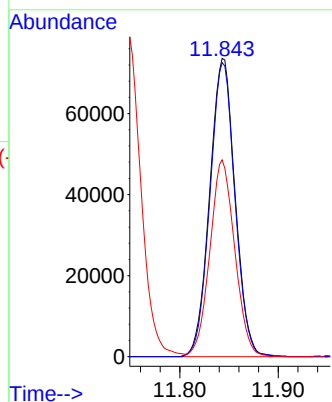
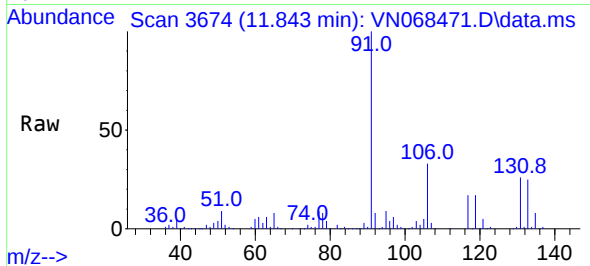
#65
1,1,1,2-Tetrachloroethane
Concen: 20.978 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion:131 Resp: 13198
Ion Ratio Lower Upper
131 100
133 96.9 0.0 192.2
119 64.5 0.0 127.0

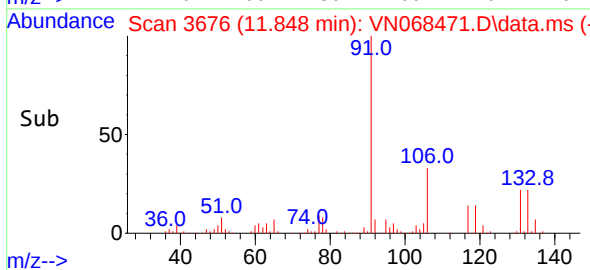
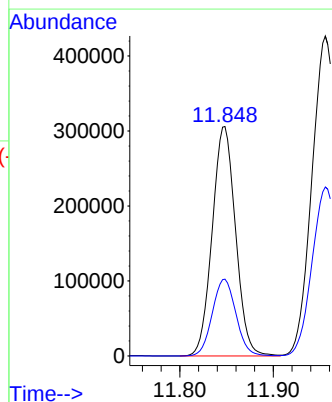
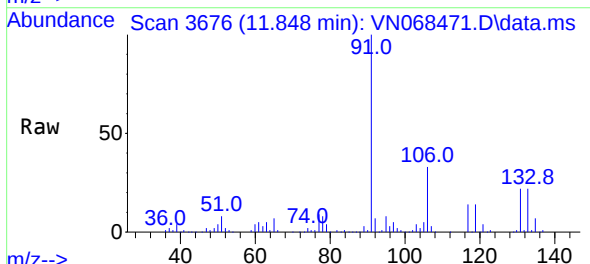
Manual Integrations
APPROVED

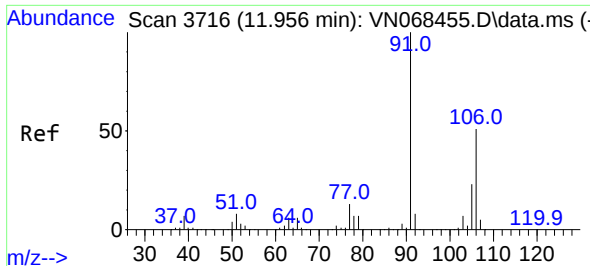
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#66
Ethyl Benzene
Concen: 20.911 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Tgt Ion: 91 Resp: 531192
Ion Ratio Lower Upper
91 100
106 33.5 27.2 40.8





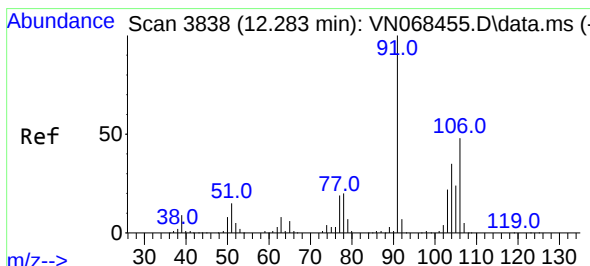
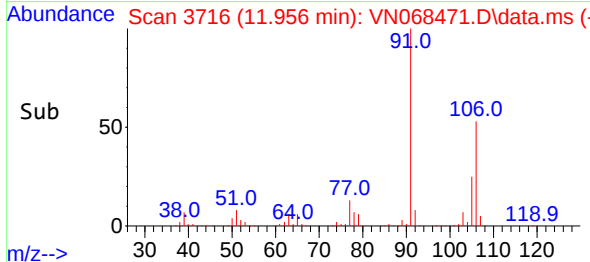
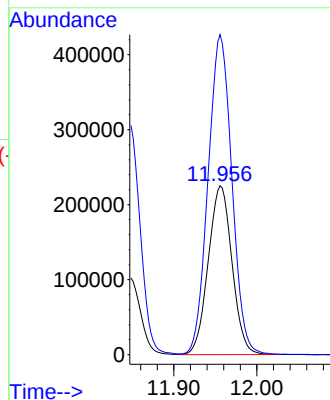
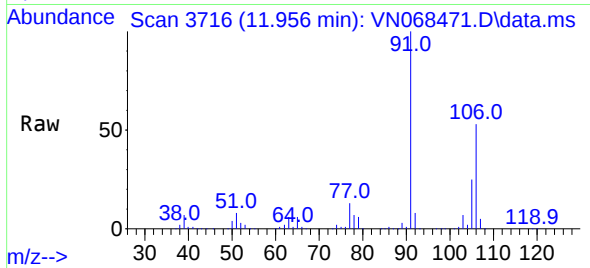
#67
m/p-Xylenes
Concen: 42.713 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion:106 Resp: 44726
Ion Ratio Lower Upper
106 100
91 189.7 152.7 229.1

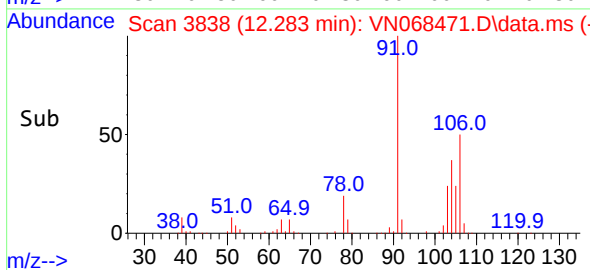
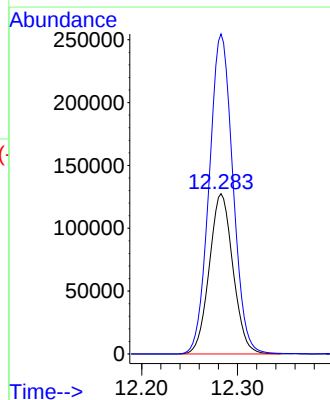
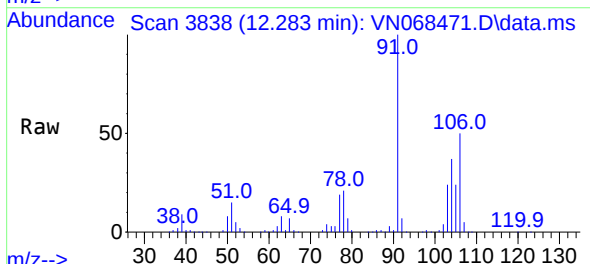
Manual Integrations
APPROVED

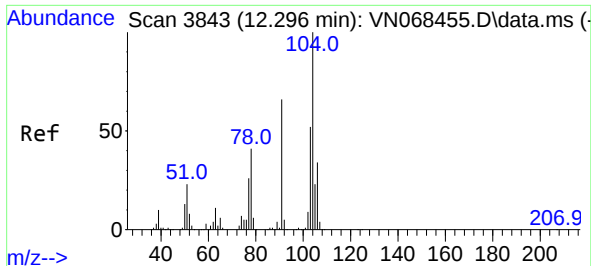
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#68
o-Xylene
Concen: 21.145 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

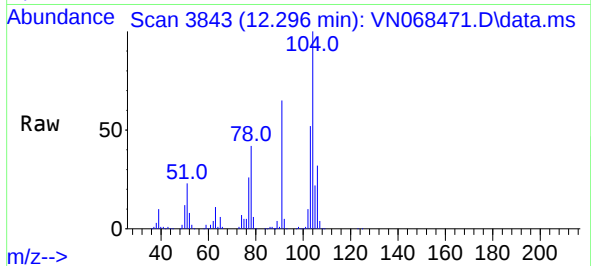
Tgt Ion:106 Resp: 218603
Ion Ratio Lower Upper
106 100
91 200.6 101.5 304.5





#69
Styrene
Concen: 20.781 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

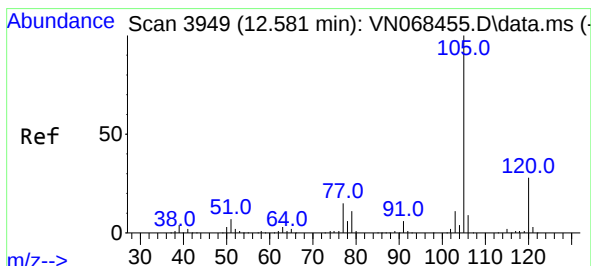
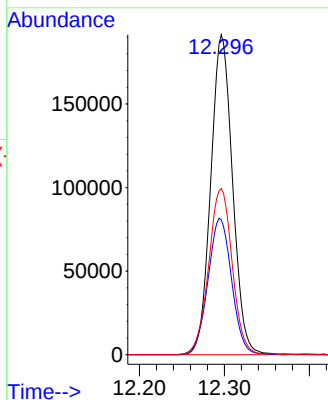
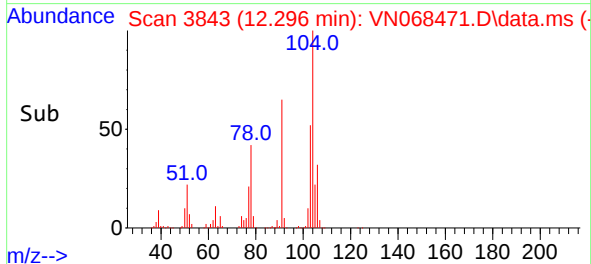
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



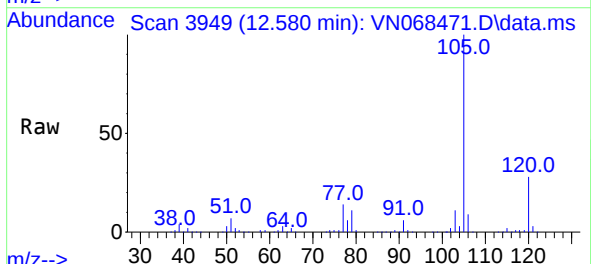
Tgt Ion:104 Resp: 340679
Ion Ratio Lower Upper
104 100
78 46.3 36.5 54.7
103 56.3 43.5 65.3

Manual Integrations
APPROVED

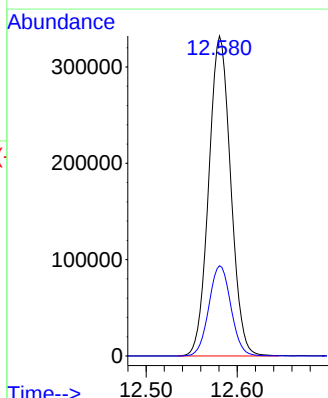
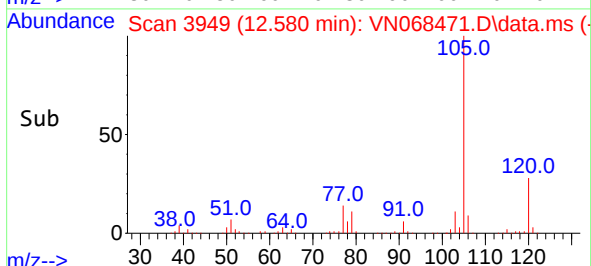
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

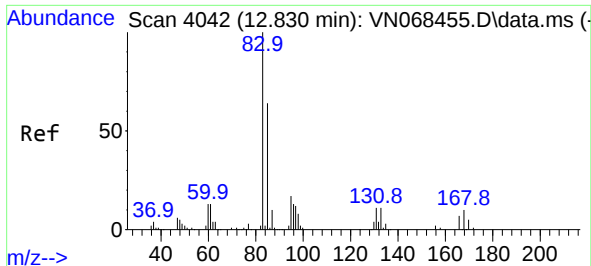


#70
Isopropylbenzene
Concen: 21.193 ug/l
RT: 12.580 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



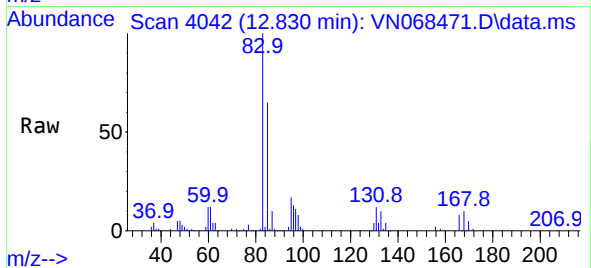
Tgt Ion:105 Resp: 556304
Ion Ratio Lower Upper
105 100
120 28.3 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 21.589 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

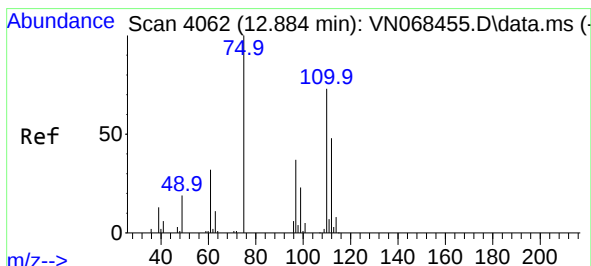
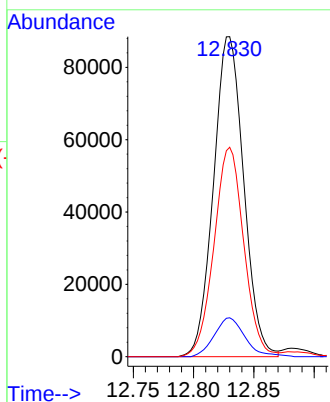
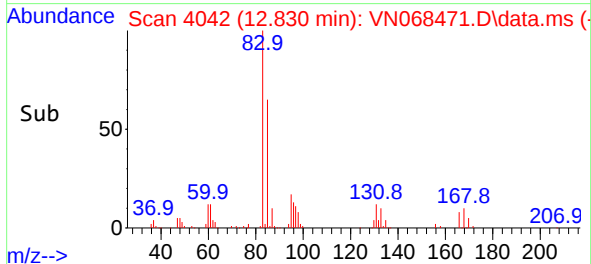
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



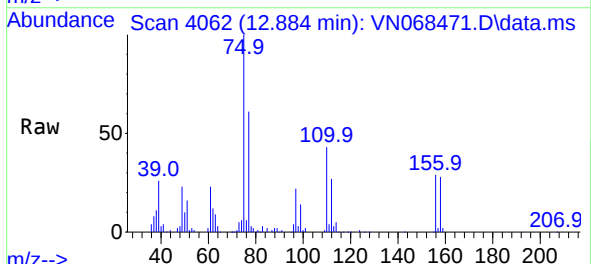
Tgt Ion: 83 Resp: 15425
Ion Ratio Lower Upper
83 100
131 12.4 5.9 17.7
85 64.5 31.9 95.9

Manual Integrations
APPROVED

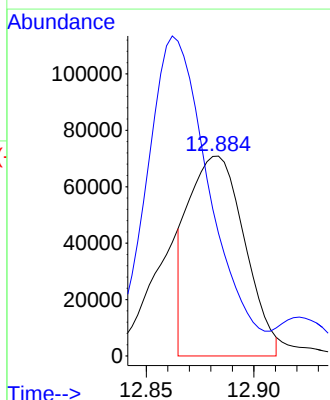
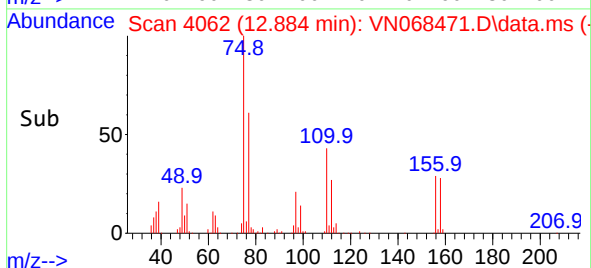
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

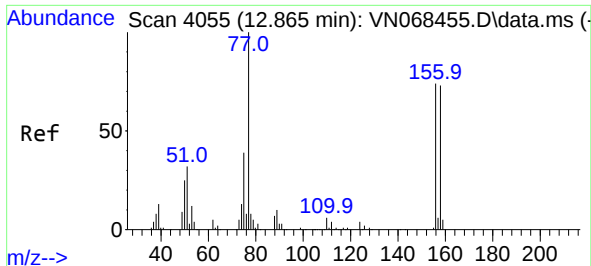


#72
1,2,3-Trichloropropane
Concen: 21.406 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



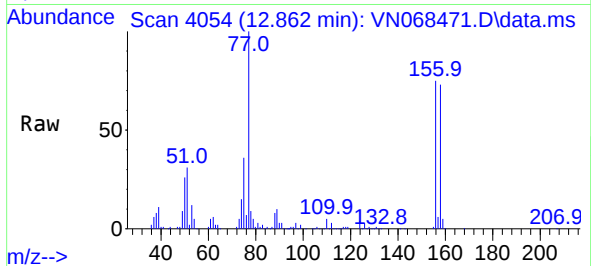
Tgt Ion: 75 Resp: 127329
Ion Ratio Lower Upper
75 100
77 183.9 0.0 357.6





#73
Bromobenzene
Concen: 20.529 ug/l
RT: 12.862 min Scan# 4055
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

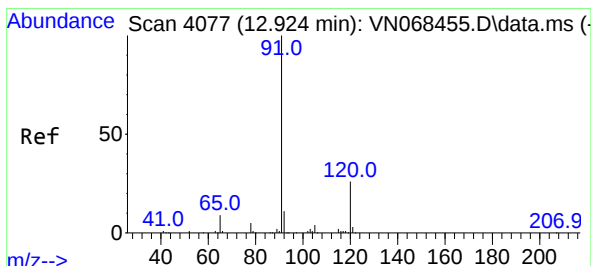
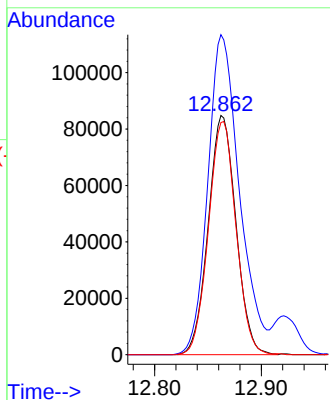
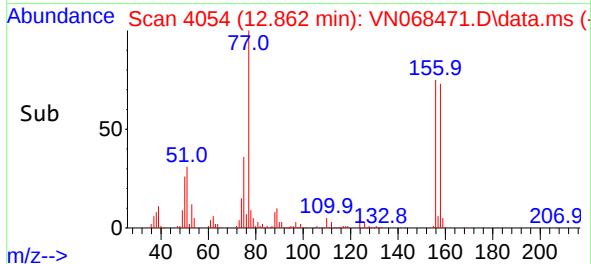
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



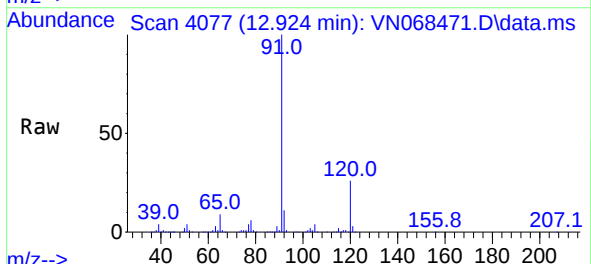
Tgt Ion:156 Resp: 152975
Ion Ratio Lower Upper
156 100
77 153.1 0.0 318.8
158 96.8 0.0 196.2

Manual Integrations
APPROVED

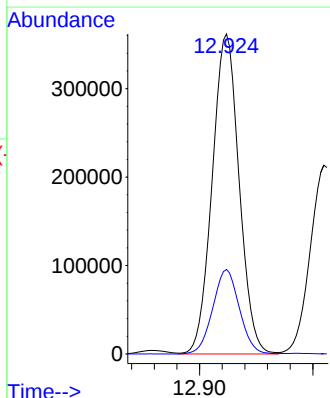
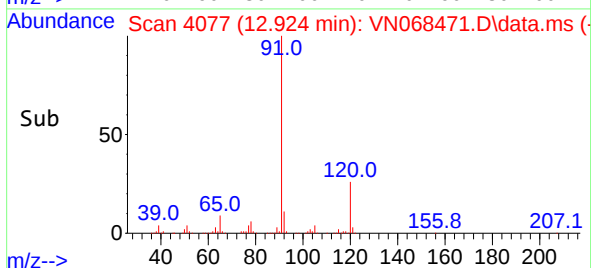
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

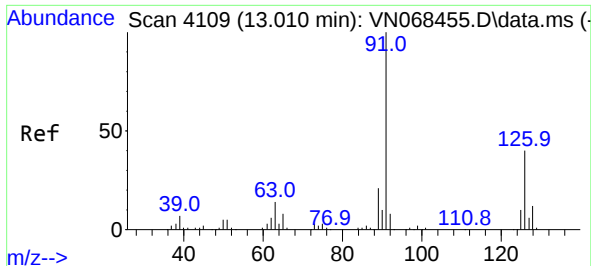


#74
n-propylbenzene
Concen: 21.068 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



Tgt Ion: 91 Resp: 596409
Ion Ratio Lower Upper
91 100
120 26.0 0.0 51.6





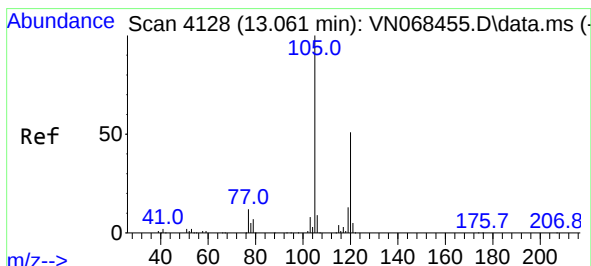
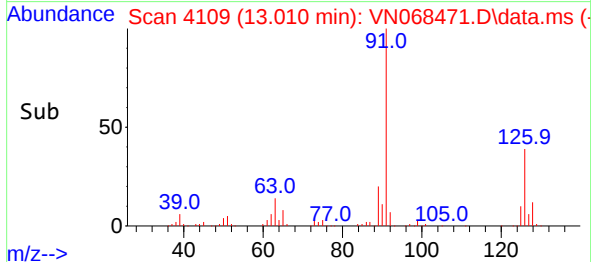
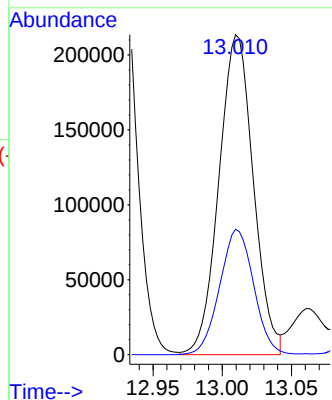
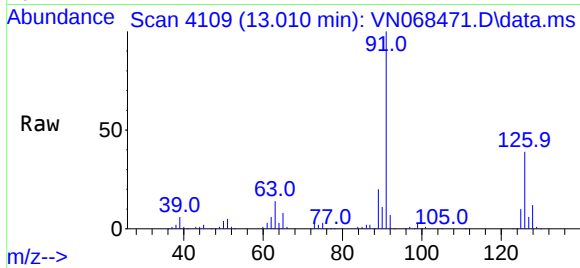
#75
2-Chlorotoluene
Concen: 21.671 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion: 91 Resp: 369212
Ion Ratio Lower Upper
91 100
126 38.7 0.0 77.2

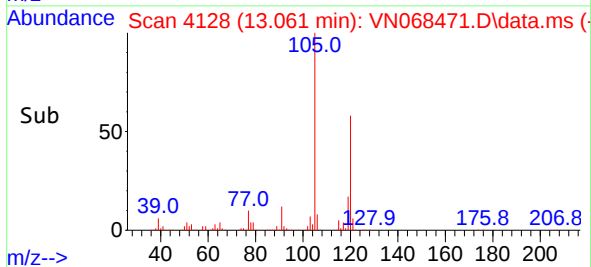
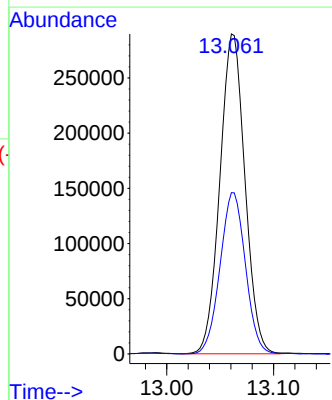
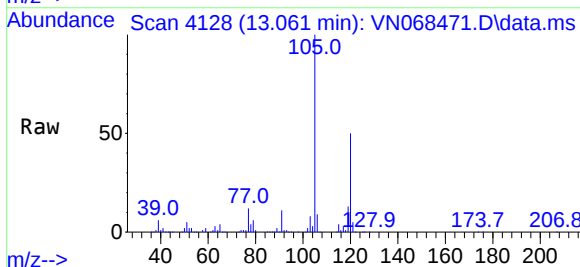
Manual Integrations
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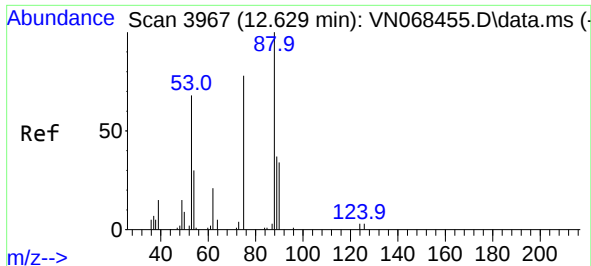
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#76
1,3,5-Trimethylbenzene
Concen: 21.549 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Tgt Ion:105 Resp: 472270
Ion Ratio Lower Upper
105 100
120 51.1 0.0 103.4





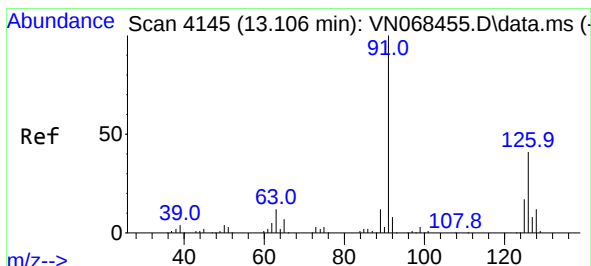
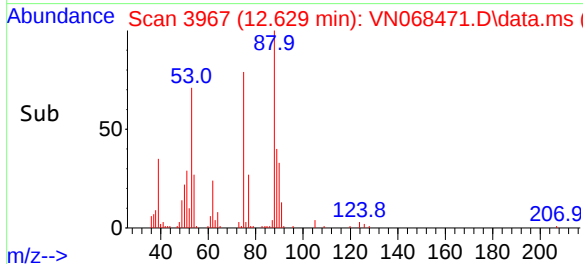
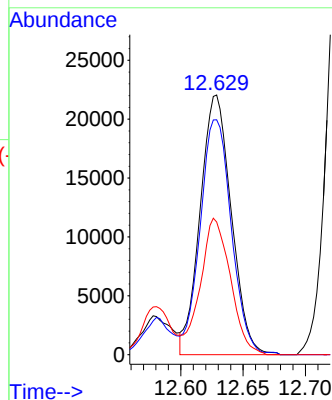
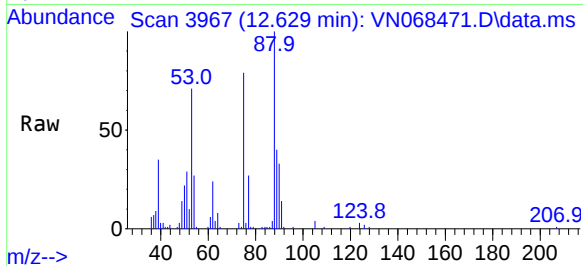
#77
t-1,4-Dichloro-2-butene
Concen: 19.526 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01

Tgt Ion: 75 Resp: 38320
Ion Ratio Lower Upper
75 100
53 90.5 43.8 131.4
89 51.1 26.2 78.6

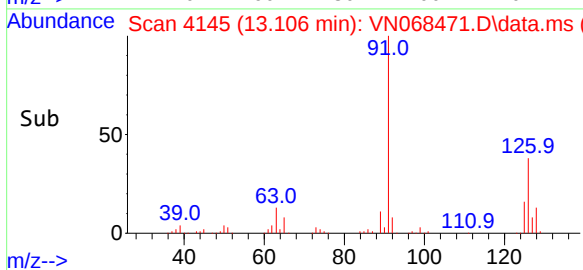
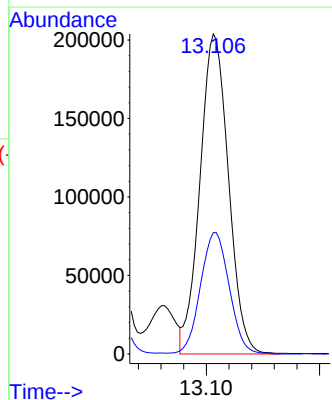
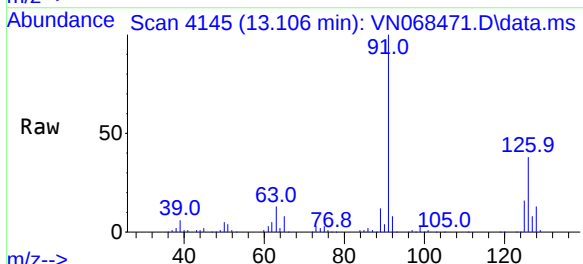
Manual Integrations
APPROVED

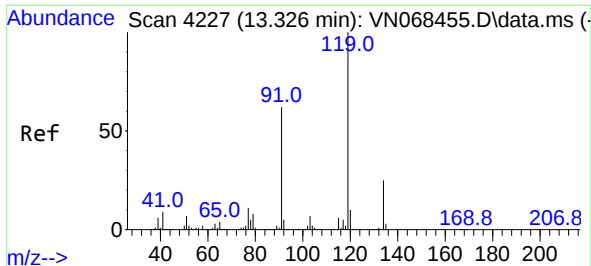
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#78
4-Chlorotoluene
Concen: 21.765 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

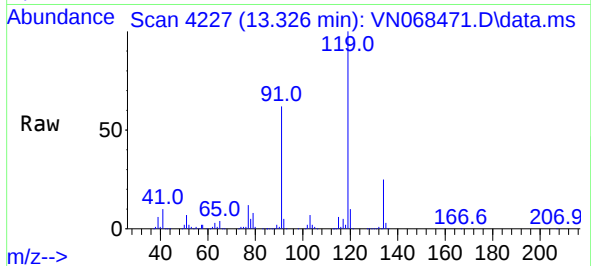
Tgt Ion: 91 Resp: 355857
Ion Ratio Lower Upper
91 100
126 38.3 0.0 77.8





#79
tert-butylbenzene
Concen: 20.878 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

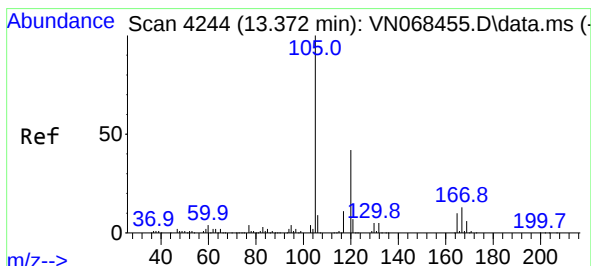
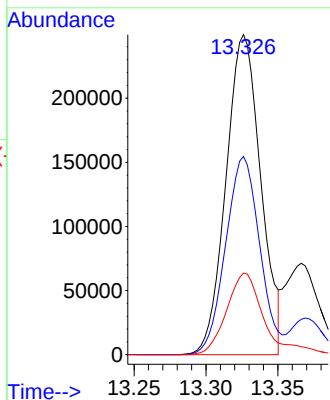
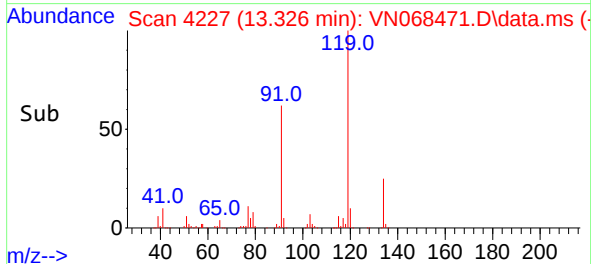
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



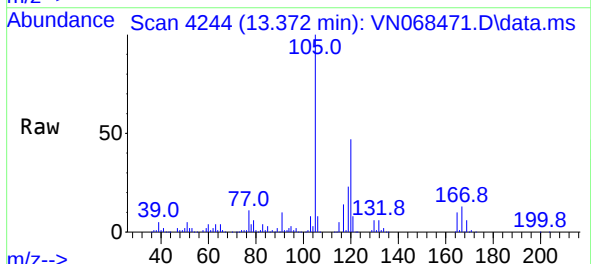
Tgt Ion:119 Resp: 420369
Ion Ratio Lower Upper
119 100
91 60.8 0.0 120.0
134 27.6 0.0 54.0

Manual Integrations
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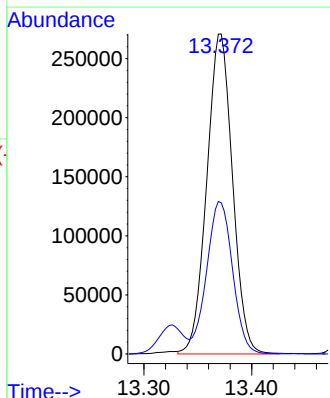
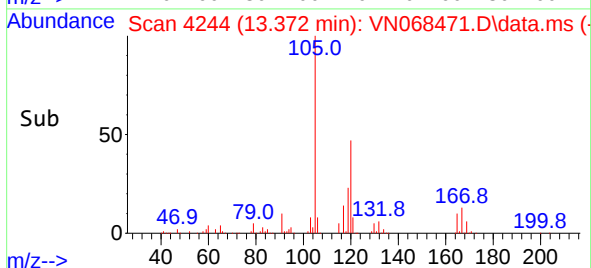
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

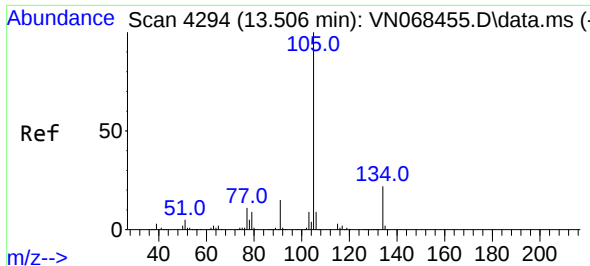


#80
1,2,4-Trimethylbenzene
Concen: 21.207 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



Tgt Ion:105 Resp: 449638
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4





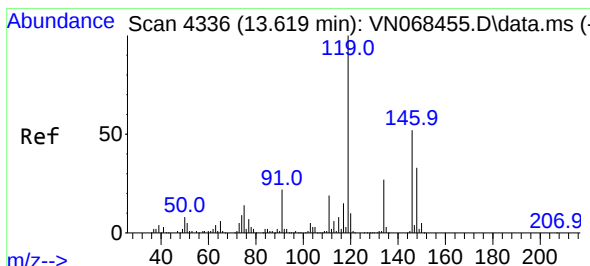
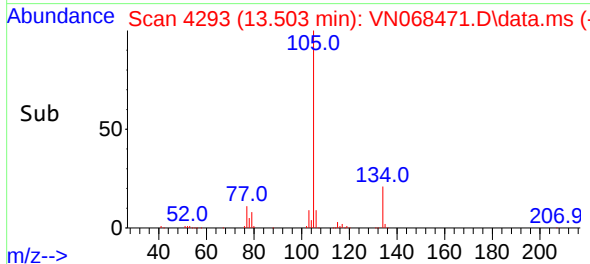
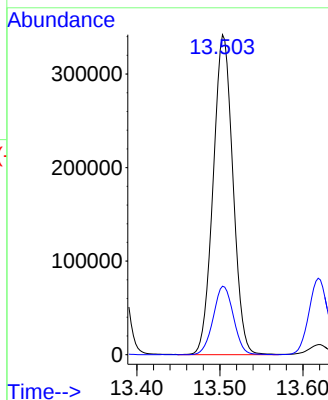
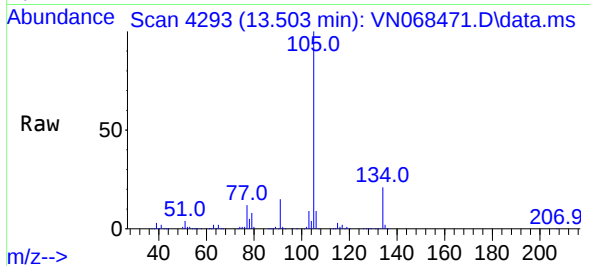
#81
 sec-Butylbenzene
 Concen: 21.243 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN068471.D
 Acq: 14 Sep 2021 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD01

Tgt Ion:105 Resp: 56535
 Ion Ratio Lower Upper
 105 100
 134 21.9 0.0 43.8

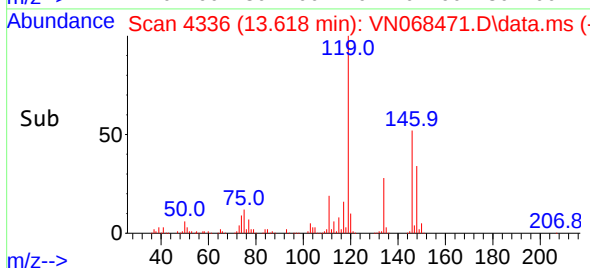
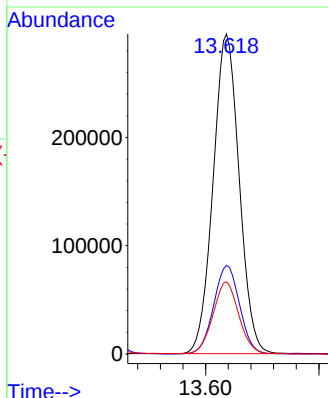
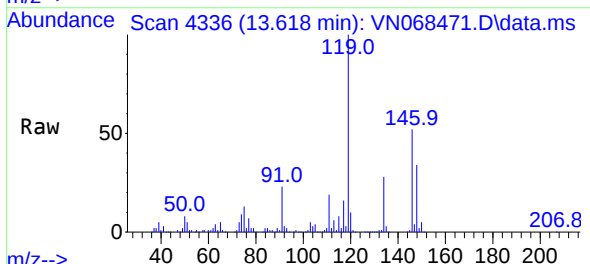
Manual Integrations
 APPROVED

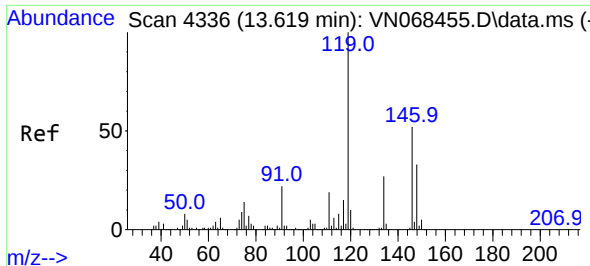
Reviewed By :John Carlone 09/15/2021
 Supervised By :Mahesh Dadoda 09/15/2021



#82
 p-Isopropyltoluene
 Concen: 20.643 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN068471.D
 Acq: 14 Sep 2021 15:00

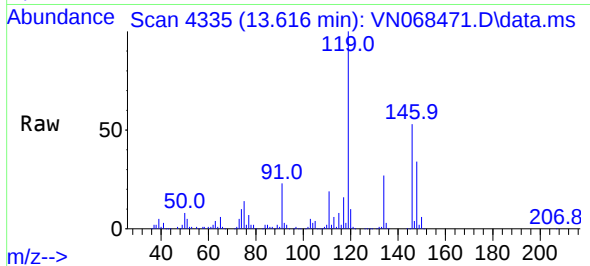
Tgt Ion:119 Resp: 471222
 Ion Ratio Lower Upper
 119 100
 134 27.7 0.0 55.4
 91 22.5 0.0 44.4





#83
1,3-Dichlorobenzene
Concen: 20.599 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

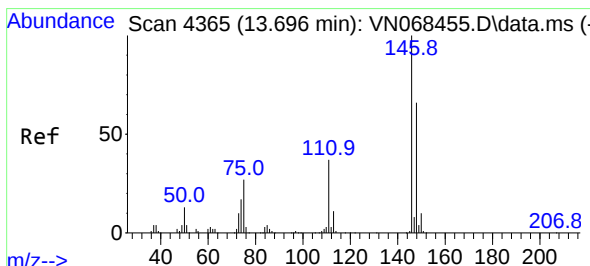
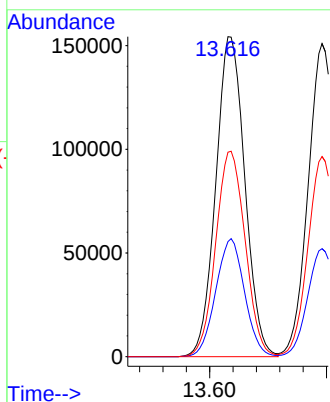
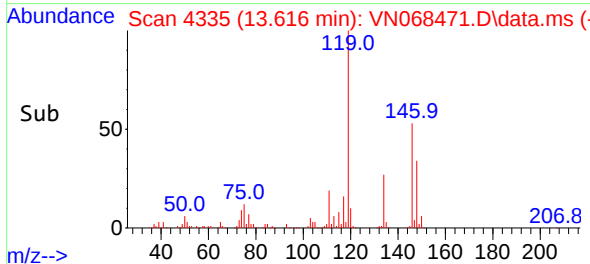
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



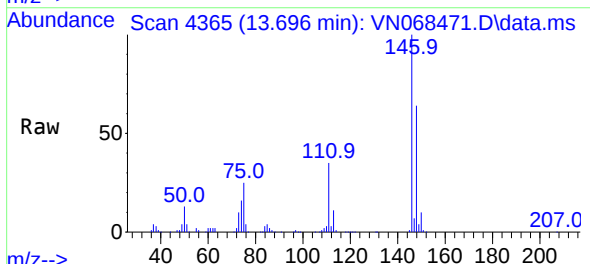
Tgt Ion:146 Resp: 266811
Ion Ratio Lower Upper
146 100
111 36.6 18.4 55.2
148 65.0 32.0 96.0

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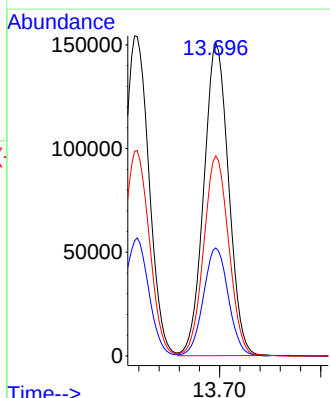
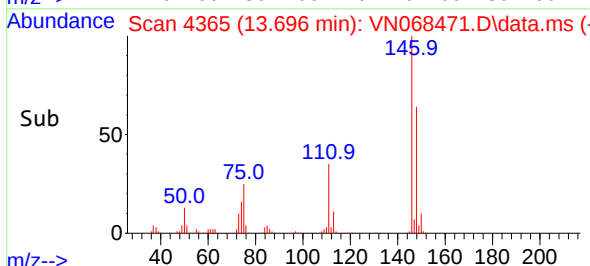
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

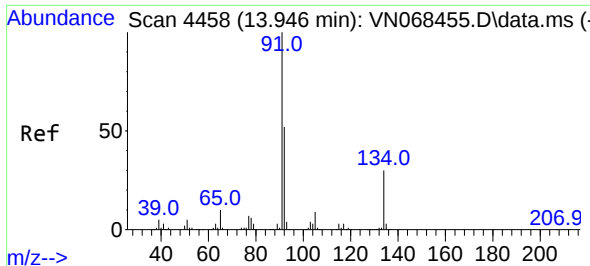


#84
1,4-Dichlorobenzene
Concen: 20.701 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



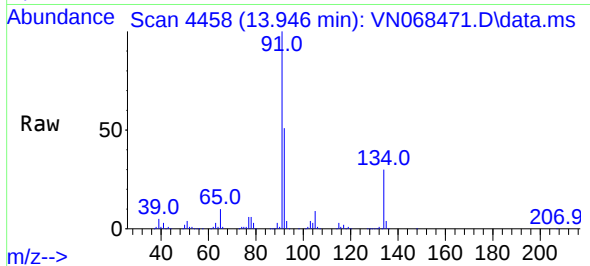
Tgt Ion:146 Resp: 256855
Ion Ratio Lower Upper
146 100
111 34.9 18.2 54.6
148 65.0 32.6 97.7





#85
n-Butylbenzene
Concen: 19.933 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

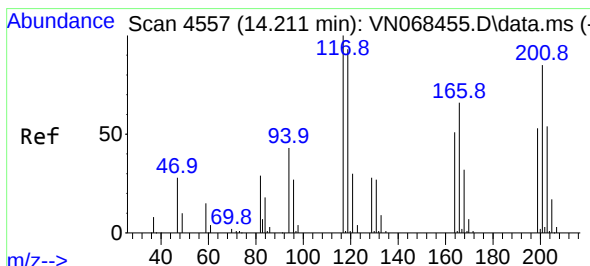
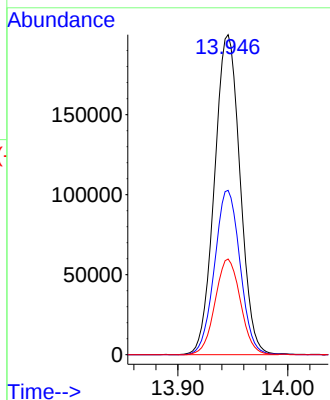
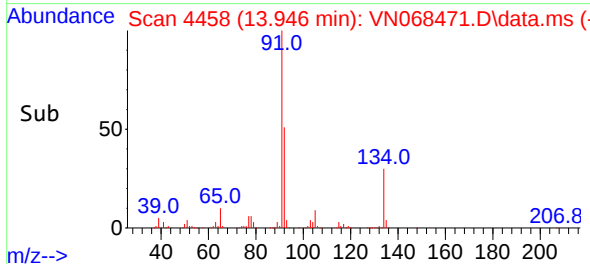
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



Tgt Ion: 91 Resp: 323640
Ion Ratio Lower Upper
91 100
92 51.3 0.0 102.4
134 29.6 0.0 58.8

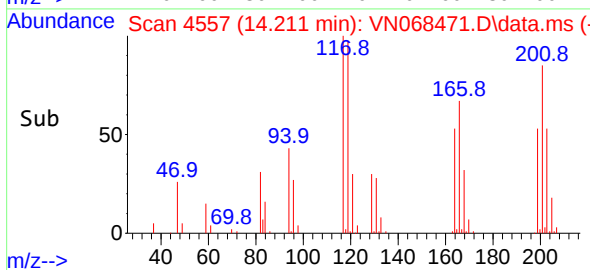
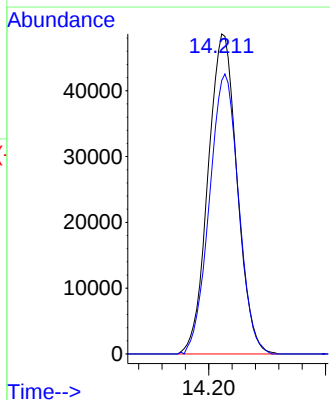
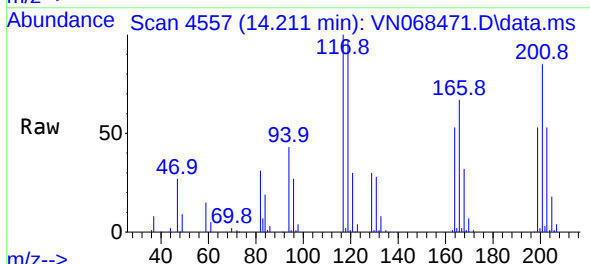
Manual Integrations
APPROVED

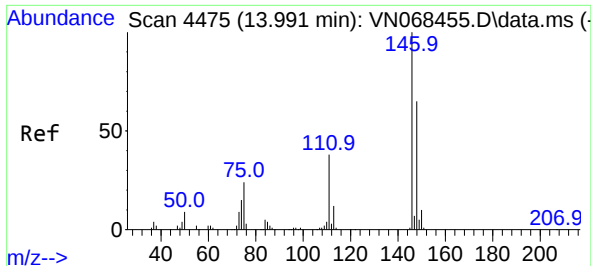
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#86
Hexachloroethane
Concen: 20.033 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

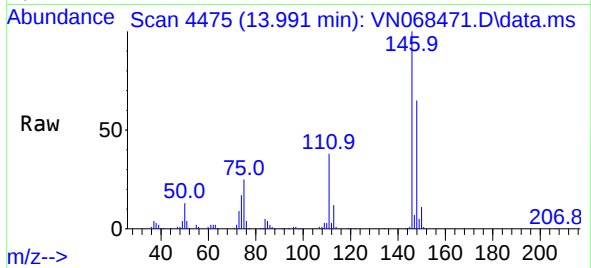
Tgt Ion:117 Resp: 84001
Ion Ratio Lower Upper
117 100
201 87.8 43.6 130.8





#87
1,2-Dichlorobenzene
Concen: 20.920 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

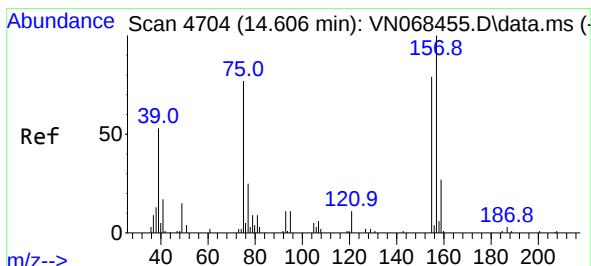
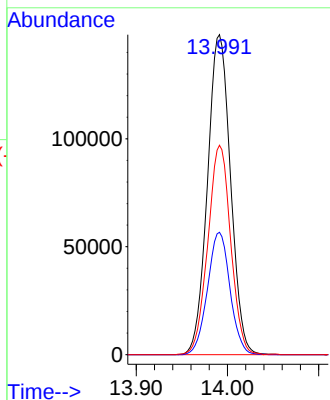
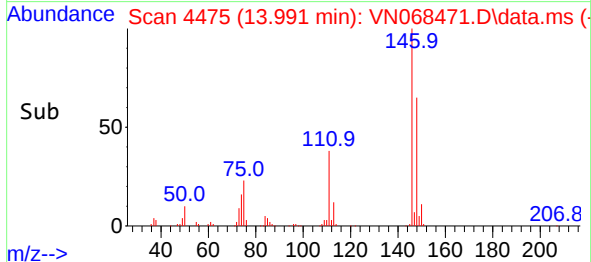
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



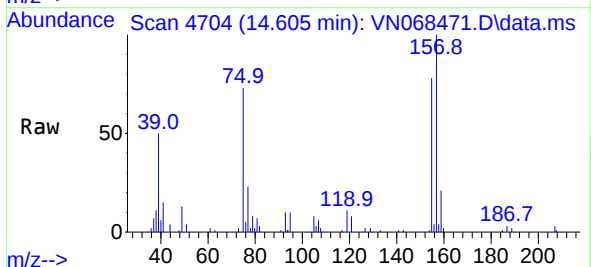
Tgt Ion:146 Resp: 260380
Ion Ratio Lower Upper
146 100
111 37.4 18.6 56.0
148 64.9 31.9 95.5

Manual Integrations
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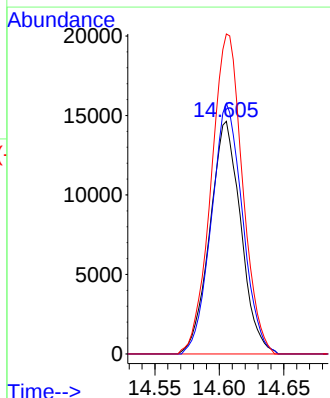
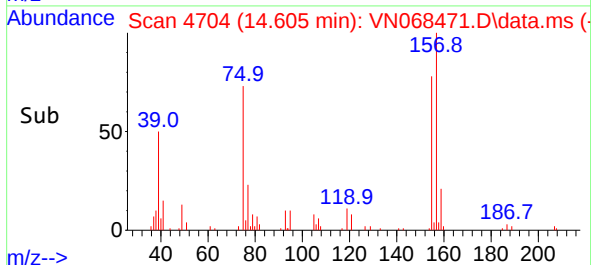
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

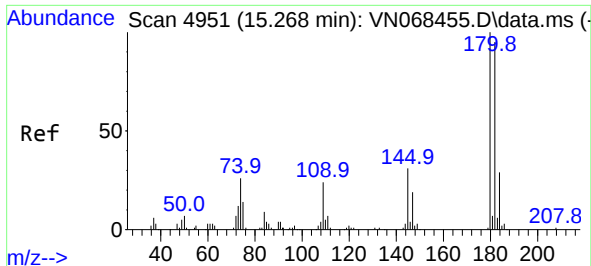


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.198 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



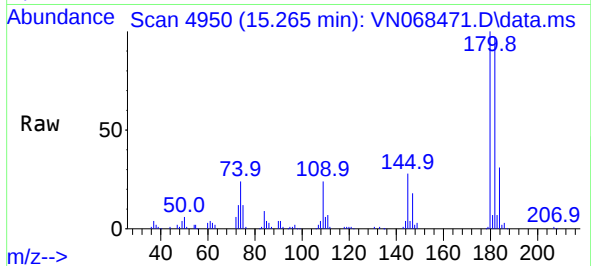
Tgt Ion: 75 Resp: 24404
Ion Ratio Lower Upper
75 100
155 108.3 83.3 124.9
157 140.0 104.9 157.3





#89
1,2,4-Trichlorobenzene
Concen: 18.455 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

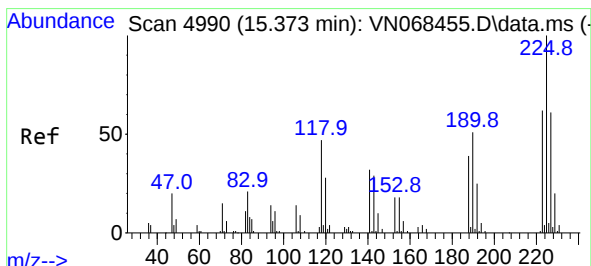
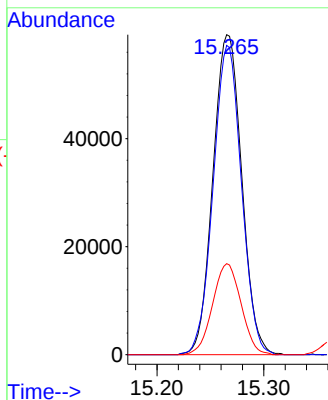
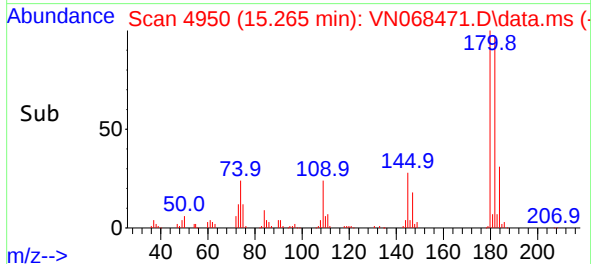
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



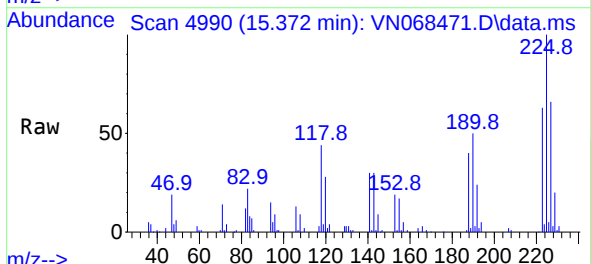
Tgt Ion:180 Resp: 110984
Ion Ratio Lower Upper
180 100
182 94.9 77.0 115.4
145 28.1 24.6 36.8

Manual Integrations
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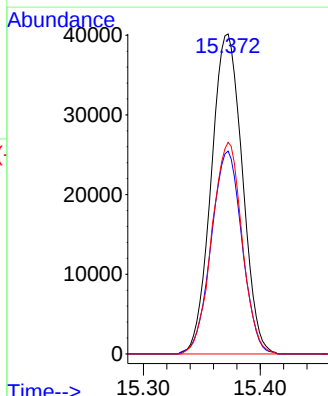
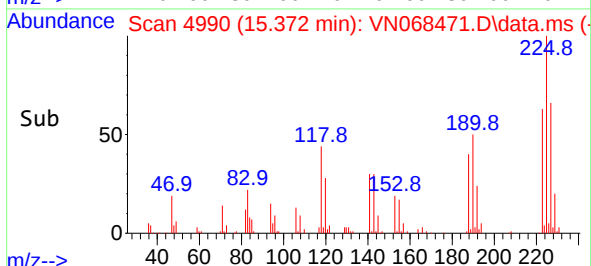
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

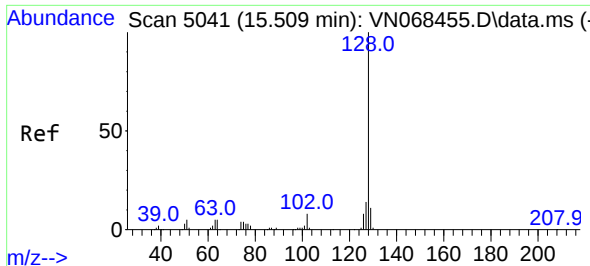


#90
Hexachlorobutadiene
Concen: 19.500 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



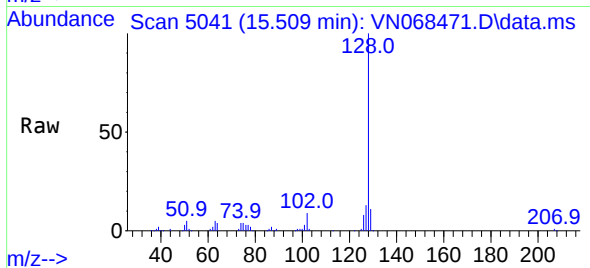
Tgt Ion:225 Resp: 74165
Ion Ratio Lower Upper
225 100
223 62.8 0.0 128.4
227 64.5 0.0 127.8





#91
Naphthalene
Concen: 17.140 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00

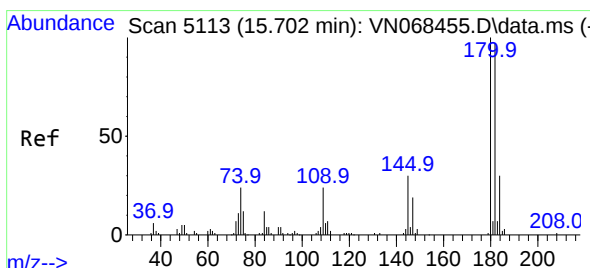
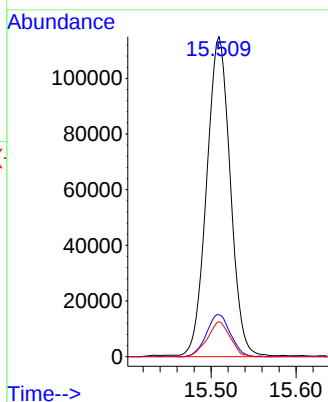
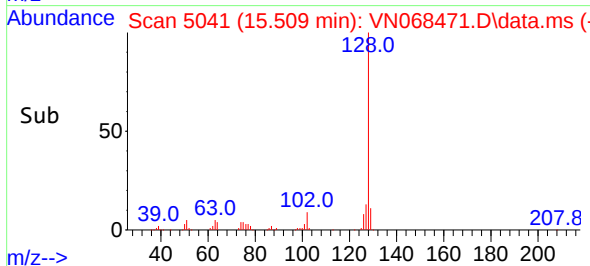
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBSD01



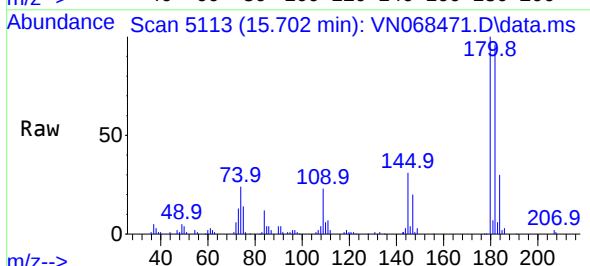
Tgt Ion:128 Resp: 222358
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#92
1,2,3-Trichlorobenzene
Concen: 18.306 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN068471.D
Acq: 14 Sep 2021 15:00



Tgt Ion:180 Resp: 103677
Ion Ratio Lower Upper
180 100
182 95.4 0.0 191.2
145 31.4 0.0 61.8

