

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091421\
 Data File : VN068470.D
 Acq On : 14 Sep 2021 14:22
 Operator : JC/MD
 Sample : VN0914WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Quant Time: Sep 15 05:37:05 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.659	128	90819	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	491818	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	451223	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	171719	32.016	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 106.733%	
60) 4-Bromofluorobenzene	12.734	95	200564	31.185	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 103.933%	
63) Toluene-d8	10.443	98	605065	30.824	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.733%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	92094	22.263	ug/l	98
3) Chloromethane	2.303	50	87163	21.782	ug/l	99
4) Vinyl Chloride	2.443	62	145112	22.881	ug/l	99
5) Bromomethane	2.859	94	145126	23.038	ug/l	96
6) Chloroethane	3.019	64	104682	23.126	ug/l	99
7) Trichlorofluoromethane	3.373	101	170837	21.853	ug/l	100
8) Diethyl Ether	3.827	74	54281	22.014	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.216	101	100765	22.629	ug/l	86
10) 1,1-Dichloroethene	4.186	96	89746	21.685	ug/l	97
11) Methyl Iodide	4.425	142	132435	20.609	ug/l	99
12) Methyl Acetate	4.854	43	91005	21.144	ug/l	96
13) Acrolein	4.047	56	33844	97.756	ug/l	96
14) Acrylonitrile	5.554	53	191492	102.651	ug/l	99
15) Acetone	4.285	58	54731	107.658	ug/l	97
16) Carbon Disulfide	4.535	76	220893	20.681	ug/l	99
17) Allyl chloride	4.841	41	113389m	21.942	ug/l	
18) Methylene Chloride	5.095	84	105124	21.219	ug/l	100
19) trans-1,2-Dichloroethene	5.602	96	100118	21.590	ug/l	97
20) Diisopropyl ether	6.495	45	256447	22.372	ug/l	100
21) 1,1-Dichloroethane	6.388	63	167918	22.041	ug/l	98
22) cis-1,2-Dichloroethene	7.329	96	119272	21.392	ug/l #	85
23) tert-Butyl Alcohol	5.366	59	69012	91.544	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	304638m	21.617	ug/l	
25) Chloroform	7.820	83	202419	22.201	ug/l	100
26) Cyclohexane	8.096	56	142639	22.146	ug/l #	99
29) 1,1-Dichloropropene	8.225	75	139020	21.090	ug/l	99
30) 2-Butanone	7.335	43	248941	98.946	ug/l #	98
31) 2,2-Dichloropropane	7.329	77	163290	21.525	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	189441	21.163	ug/l	100
33) Carbon Tetrachloride	8.209	117	175097	20.926	ug/l	99
34) Benzene	8.461	78	429345	21.359	ug/l	98
35) Methacrylonitrile	7.646	41	49426	20.370	ug/l	99
36) 1,2-Dichloroethane	8.531	62	145414	21.485	ug/l	99
37) Trichloroethene	9.217	130	132146	20.515	ug/l	98
38) Methylcyclohexane	9.462	83	178533	21.071	ug/l	100
39) 1,2-Dichloropropane	9.491	63	99548	21.041	ug/l	97
40) Dibromomethane	9.577	93	81910	21.072	ug/l	99
41) Bromodichloromethane	9.765	83	155956	20.761	ug/l	98
42) Vinyl Acetate	6.436	43	966151	104.226	ug/l	100

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VN0914WBS01

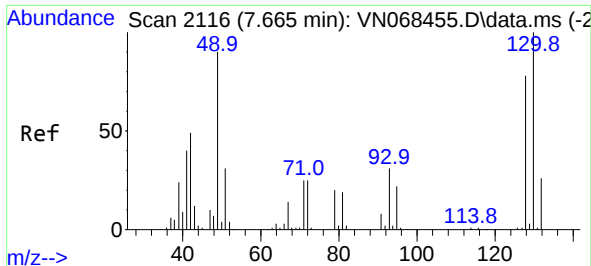
Manual Integrations
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 Supervised By : Mahesh Dadoda 09/15/2021

Quant Time: Sep 15 05:37:05 2021
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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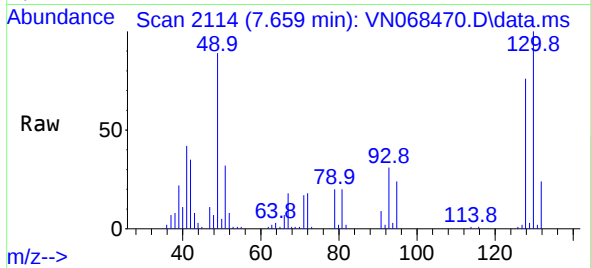
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.413	43	102695	19.352	ug/l #	76
44) Isopropyl Acetate	8.560	43	186883	20.574	ug/l	97
45) 1,4-Dioxane	9.569	88	37239	405.449	ug/l #	88
46) Methyl methacrylate	9.561	41	75062	20.430	ug/l	98
47) n-amyl Acetate	12.390	43	124632	19.541	ug/l	100
48) t-1,3-Dichloropropene	10.722	75	156838	20.621	ug/l	98
49) cis-1,3-Dichloropropene	10.191	75	169966	20.792	ug/l	99
50) 1,1,2-Trichloroethane	10.899	97	115708	20.598	ug/l	99
51) Ethyl methacrylate	10.762	69	145583	20.186	ug/l	97
52) 1,3-Dichloropropane	11.047	76	173981	20.827	ug/l	100
53) Dibromochloromethane	11.240	129	139648	20.218	ug/l	99
54) 1,2-Dibromoethane	11.347	107	124779	20.713	ug/l	97
55) 2-Chloroethyl vinyl ether	10.041	63	89888	73.625	ug/l	99
56) Bromoform	12.460	173	106698	19.233	ug/l #	97
58) 4-Methyl-2-Pentanone	10.331	43	551222	103.776	ug/l	99
59) 2-Hexanone	11.087	43	370486	100.640	ug/l	99
61) Tetrachloroethene	10.980	164	138736	21.384	ug/l	99
62) Toluene	10.508	91	511900	21.555	ug/l	99
64) Chlorobenzene	11.773	112	325883	20.806	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	134903	21.104	ug/l	99
66) Ethyl Benzene	11.849	91	549209	21.279	ug/l	99
67) m/p-Xylenes	11.956	106	465705	43.774	ug/l	99
68) o-Xylene	12.283	106	226430	21.556	ug/l	98
69) Styrene	12.296	104	355302	21.331	ug/l	100
70) Isopropylbenzene	12.581	105	580368	21.761	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	154576	21.293	ug/l	99
72) 1,2,3-Trichloropropane	12.881	75	127729m	21.135	ug/l	
73) Bromobenzene	12.862	156	156418	20.660	ug/l	97
74) n-propylbenzene	12.924	91	625350	21.742	ug/l	100
75) 2-Chlorotoluene	13.010	91	379050	21.898	ug/l	99
76) 1,3,5-Trimethylbenzene	13.061	105	488949	21.958	ug/l	100
77) t-1,4-Dichloro-2-butene	12.629	75	39611	19.863	ug/l	96
78) 4-Chlorotoluene	13.106	91	368397	22.177	ug/l	99
79) tert-butylbenzene	13.326	119	440279	21.522	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	469338m	21.787	ug/l	
81) sec-Butylbenzene	13.503	105	588219	21.753	ug/l	100
82) p-Isopropyltoluene	13.619	119	495137	21.348	ug/l	100
83) 1,3-Dichlorobenzene	13.619	146	275059	20.901	ug/l	100
84) 1,4-Dichlorobenzene	13.696	146	259732	20.603	ug/l	99
85) n-Butylbenzene	13.946	91	335383	20.330	ug/l	100
86) Hexachloroethane	14.214	117	89694	21.053	ug/l	98
87) 1,2-Dichlorobenzene	13.989	146	263440	20.832	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.603	75	24062	19.601	ug/l	96
89) 1,2,4-Trichlorobenzene	15.265	180	106462	17.424	ug/l	98
90) Hexachlorobutadiene	15.373	225	76949	19.913	ug/l	98
91) Naphthalene	15.509	128	198426	15.054	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	97986	17.029	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

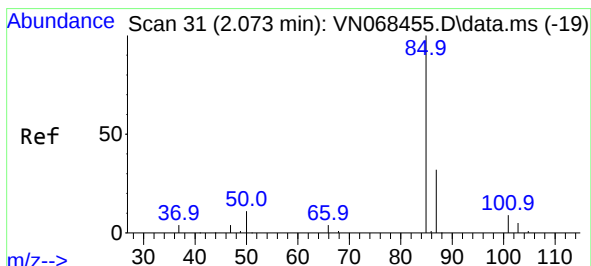
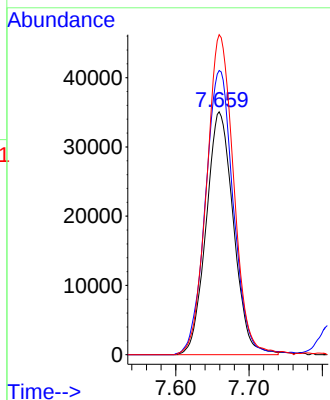
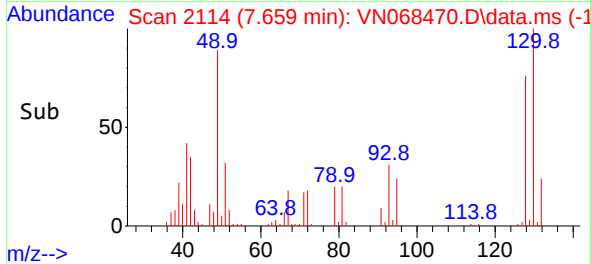
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



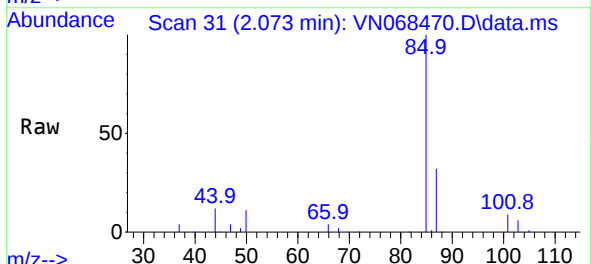
Tgt Ion:128 Resp: 90819
Ion Ratio Lower Upper
128 100
49 119.1 0.0 292.5
130 130.3 0.0 325.0

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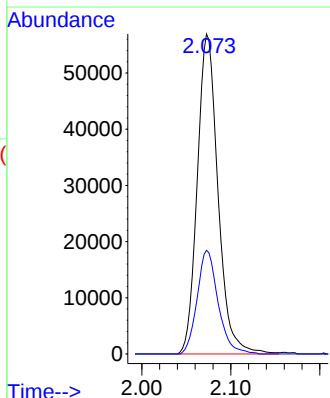
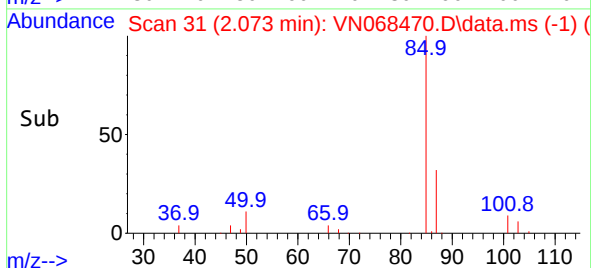
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

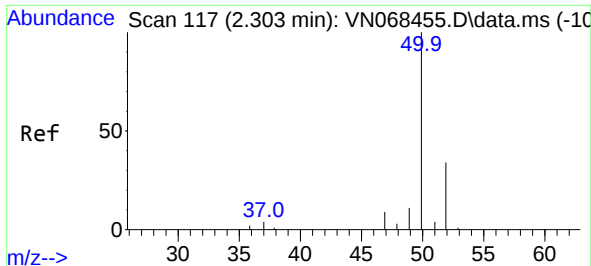


#2
Dichlorodifluoromethane
Concen: 22.263 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



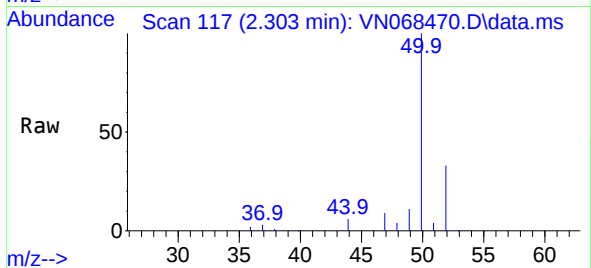
Tgt Ion: 85 Resp: 92094
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.3





#3
Chloromethane
Concen: 21.782 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

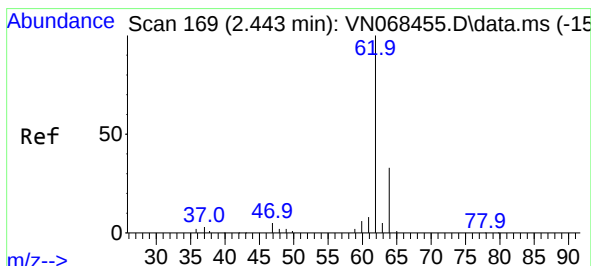
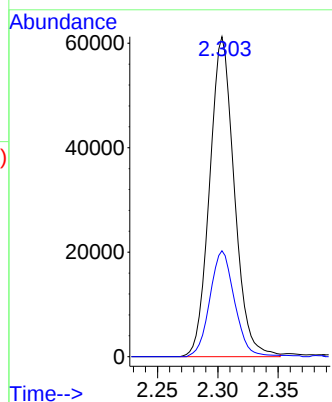
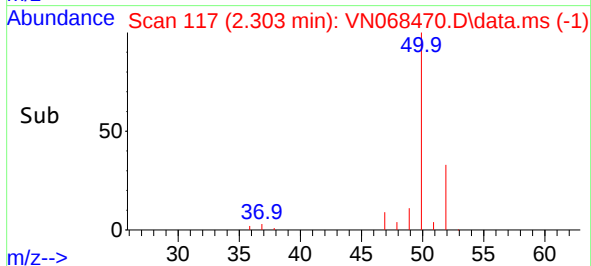
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion: 50 Resp: 8716
Ion Ratio Lower Upper
50 100
52 33.1 27.0 40.4

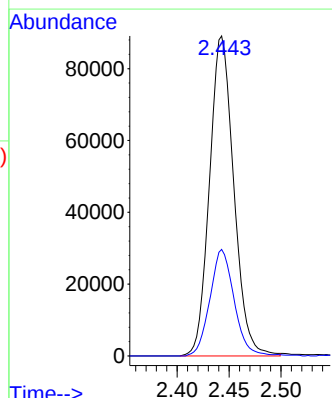
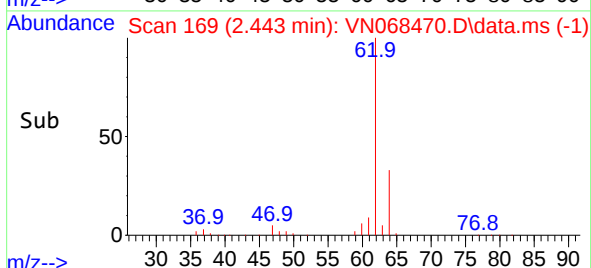
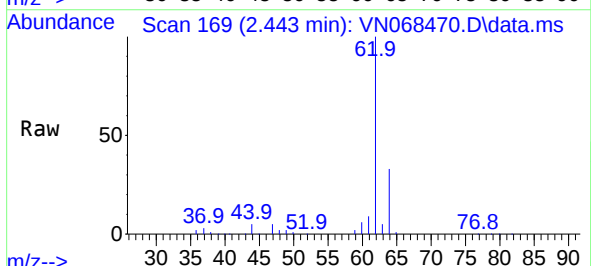
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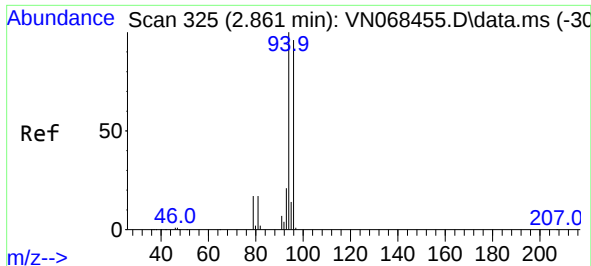
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#4
Vinyl Chloride
Concen: 22.881 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

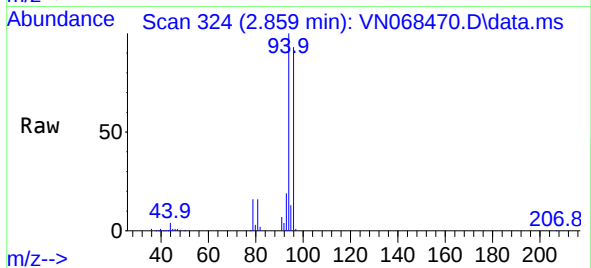
Tgt Ion: 62 Resp: 145112
Ion Ratio Lower Upper
62 100
64 33.3 26.1 39.1





#5
Bromomethane
Concen: 23.038 ug/l
RT: 2.859 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

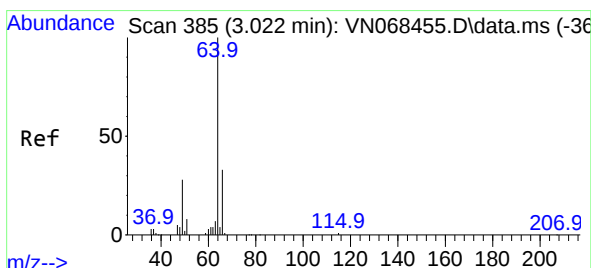
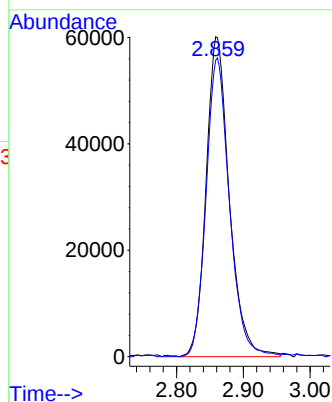
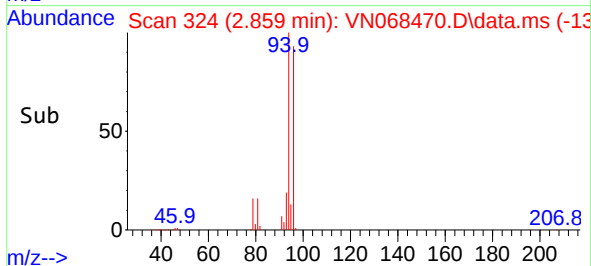
Instrument :
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ClientSampleId :
VN0914WBS01



Tgt Ion: 94 Resp: 145120
Ion Ratio Lower Upper
94 100
96 92.6 77.0 115.4

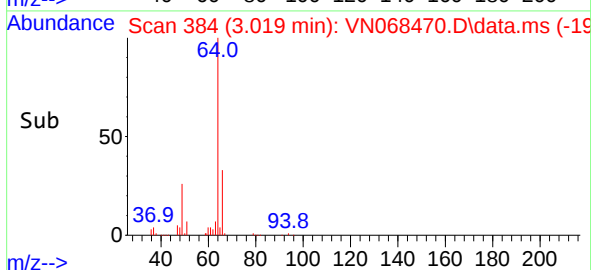
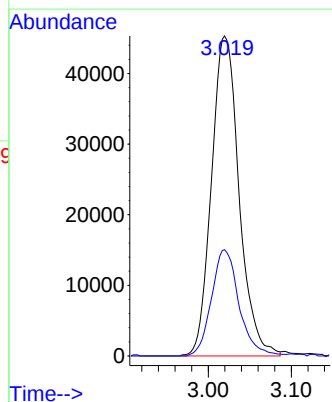
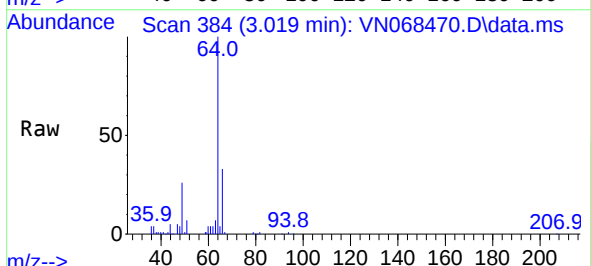
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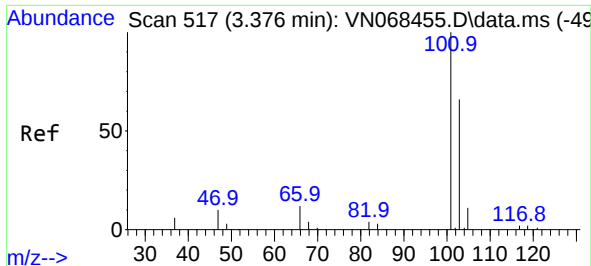
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#6
Chloroethane
Concen: 23.126 ug/l
RT: 3.019 min Scan# 384
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

Tgt Ion: 64 Resp: 104682
Ion Ratio Lower Upper
64 100
66 33.2 26.3 39.5





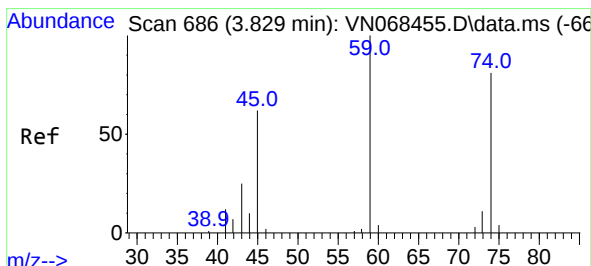
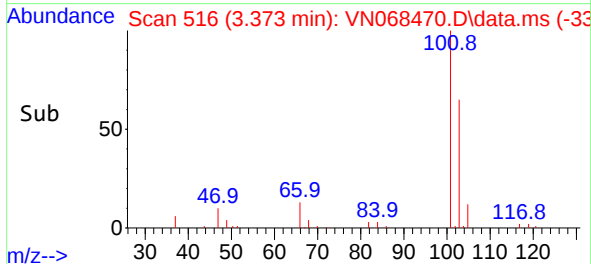
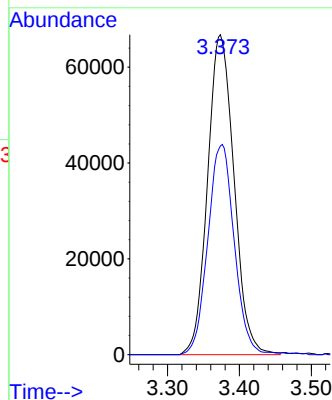
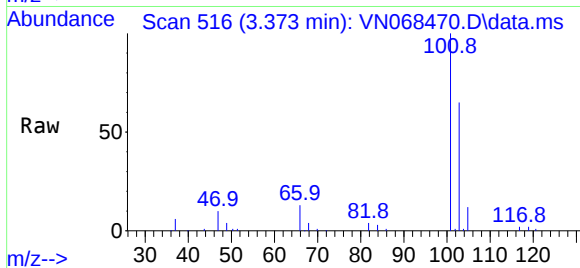
#7
Trichlorofluoromethane
Concen: 21.853 ug/l
RT: 3.373 min Scan# 517
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion:101 Resp: 17083
Ion Ratio Lower Upper
101 100
103 65.2 52.4 78.6

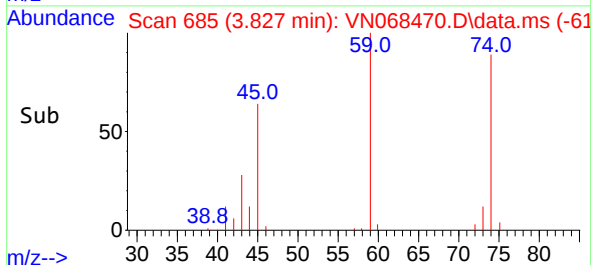
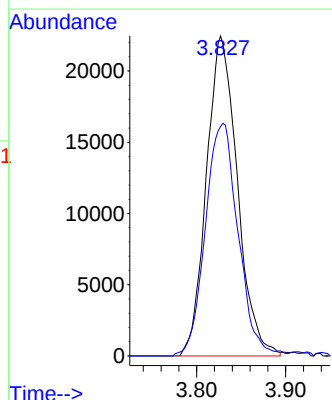
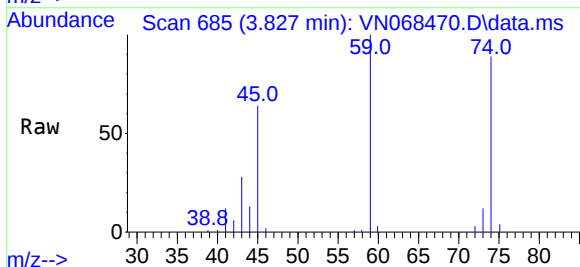
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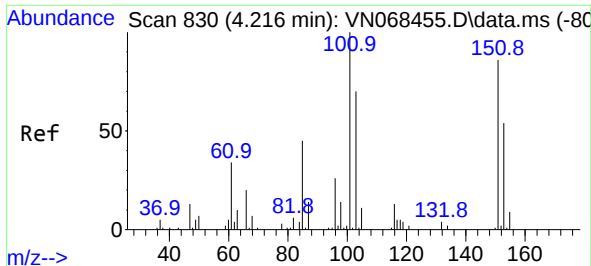
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#8
Diethyl Ether
Concen: 22.014 ug/l
RT: 3.827 min Scan# 685
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

Tgt Ion: 74 Resp: 54281
Ion Ratio Lower Upper
74 100
45 76.5 16.2 146.0





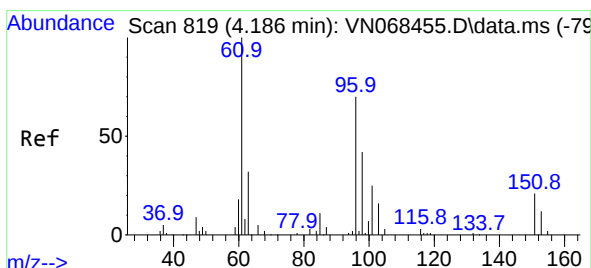
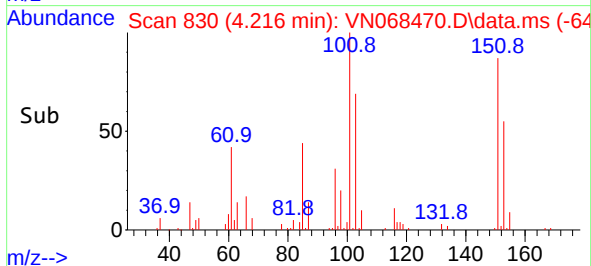
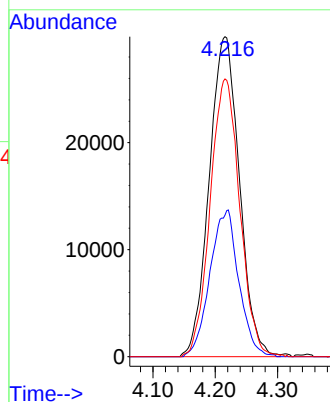
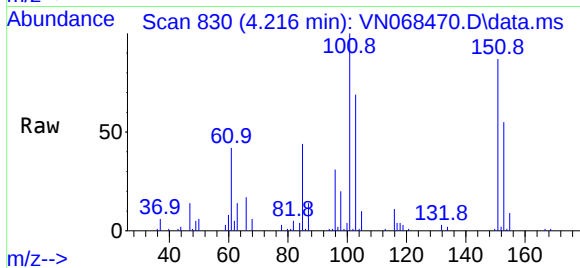
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.629 ug/l
RT: 4.216 min Scan# 810
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion:101 Resp: 10076
Ion Ratio Lower Upper
101 100
85 21.6 0.0 89.2
151 85.0 0.0 176.4

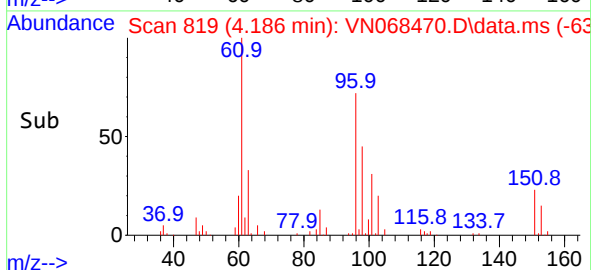
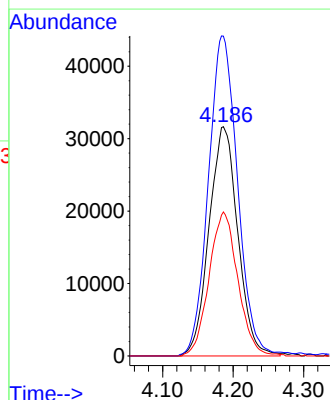
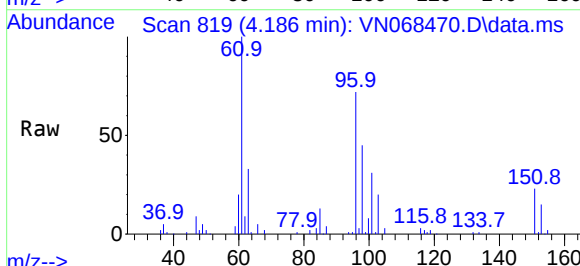
Manual Integrations
APPROVED

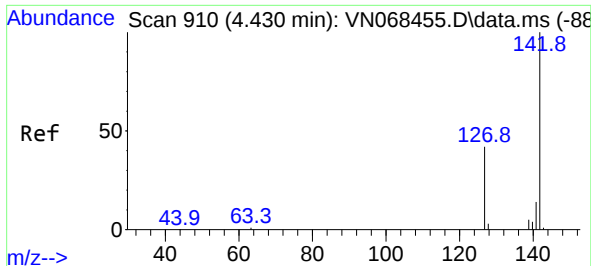
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#10
1,1-Dichloroethene
Concen: 21.685 ug/l
RT: 4.186 min Scan# 819
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

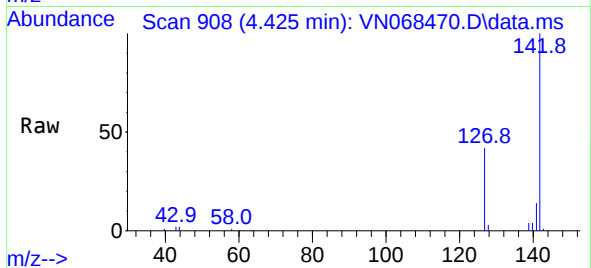
Tgt Ion: 96 Resp: 89746
Ion Ratio Lower Upper
96 100
61 138.8 114.1 171.1
98 62.8 48.3 72.5





#11
Methyl Iodide
Concen: 20.609 ug/l
RT: 4.425 min Scan# 908
Delta R.T. -0.005 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

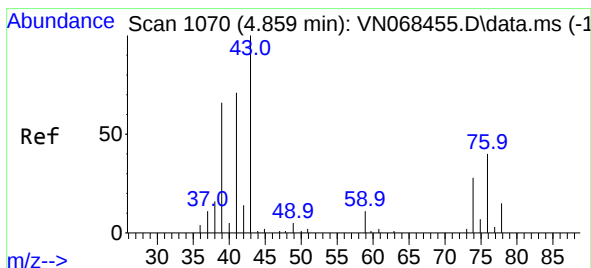
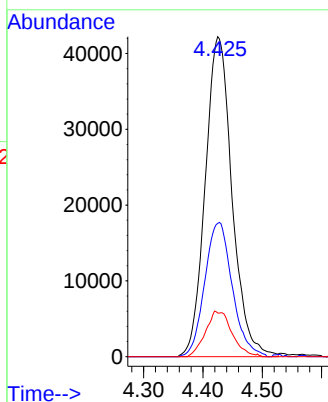
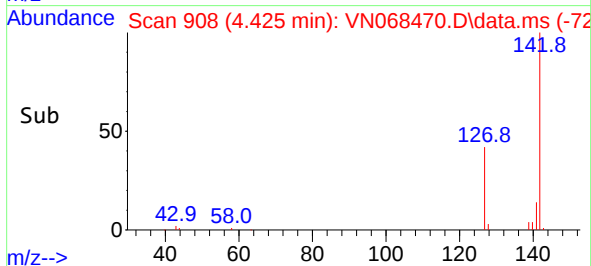
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion:142 Resp: 132435
Ion Ratio Lower Upper
142 100
127 41.5 20.9 62.8
141 13.7 6.8 20.3

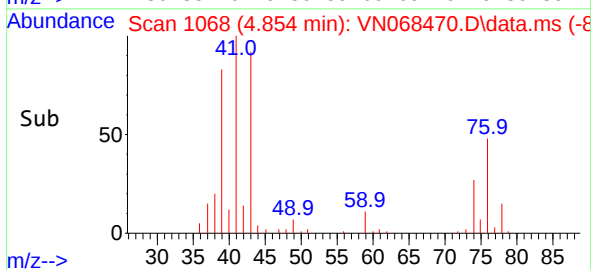
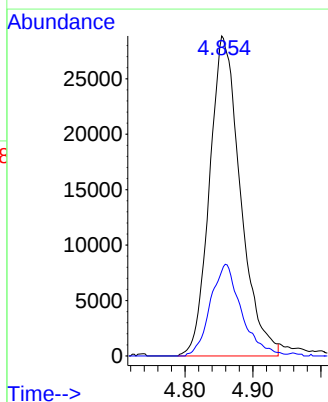
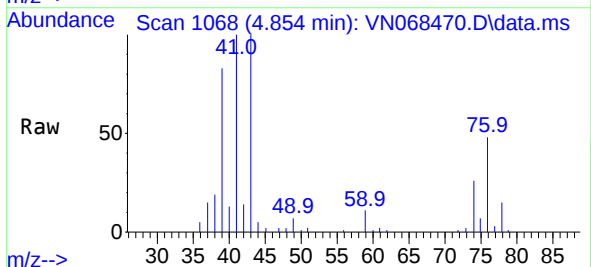
Manual Integrations
APPROVED

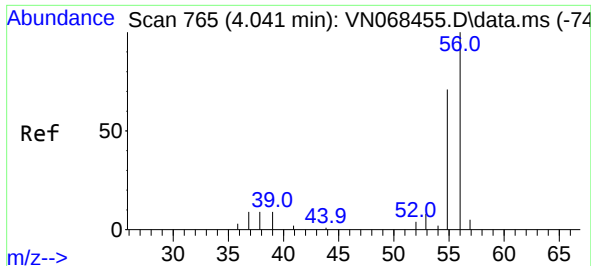
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#12
Methyl Acetate
Concen: 21.144 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

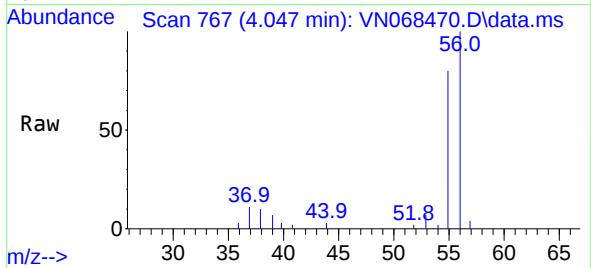
Tgt Ion: 43 Resp: 91005
Ion Ratio Lower Upper
43 100
74 26.4 22.6 34.0





#13
Acrolein
Concen: 97.756 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.005 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

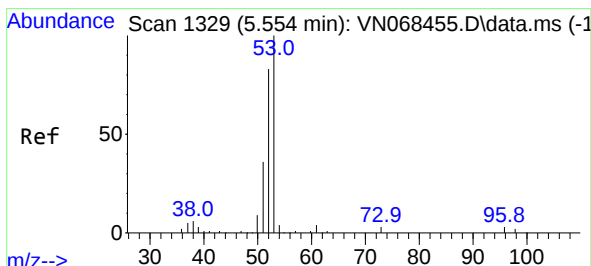
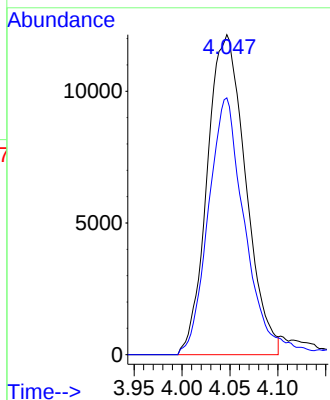
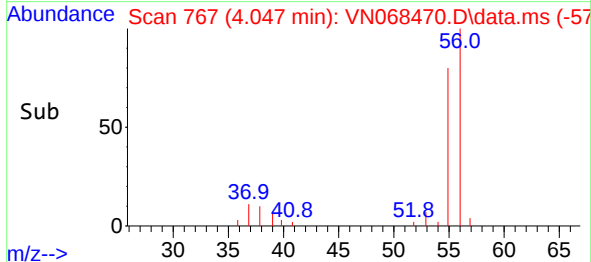
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



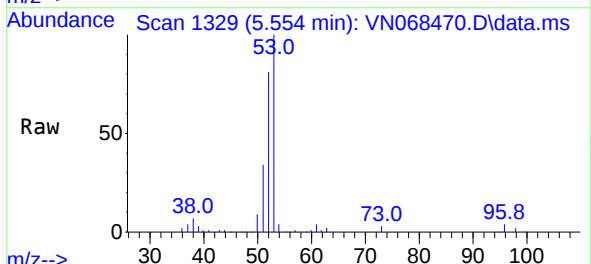
Tgt Ion: 56 Resp: 33844
Ion Ratio Lower Upper
56 100
55 75.1 57.2 85.8

Manual Integrations
APPROVED

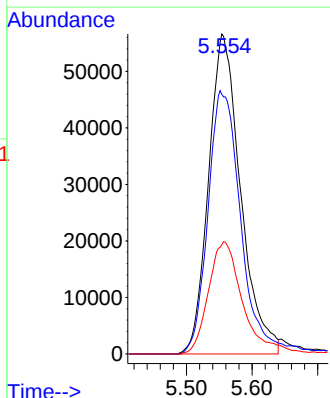
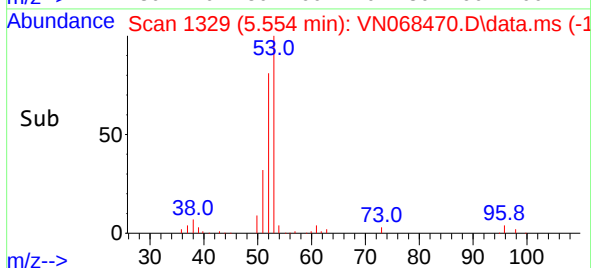
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

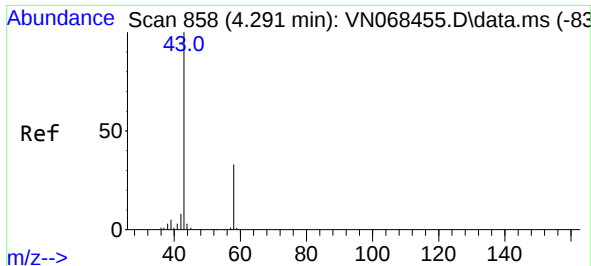


#14
Acrylonitrile
Concen: 102.651 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



Tgt Ion: 53 Resp: 191492
Ion Ratio Lower Upper
53 100
52 83.7 41.5 124.5
51 37.6 17.9 53.7





#15

Acetone

Concen: 107.658 ug/l

RT: 4.285 min Scan# 858

Delta R.T. -0.005 min

Lab File: VN068470.D

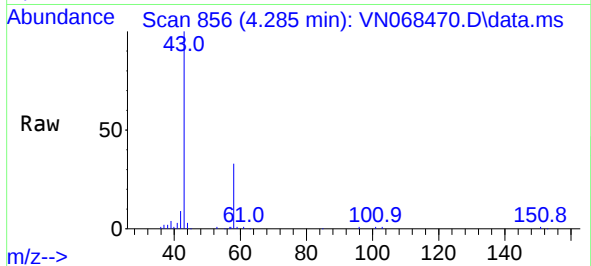
Acq: 14 Sep 2021 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01



Tgt Ion: 58 Resp: 5473

Ion Ratio Lower Upper

58 100

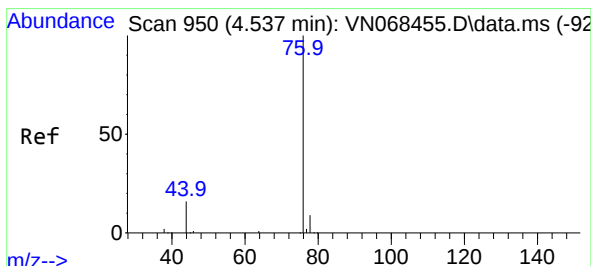
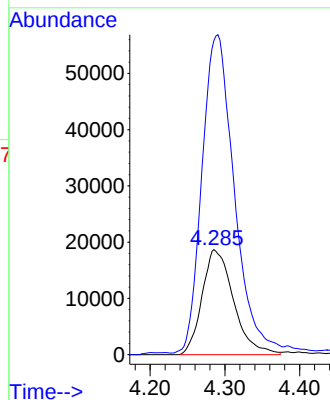
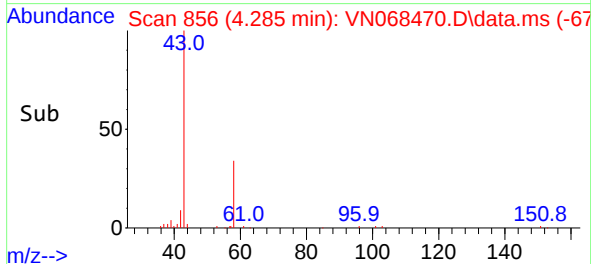
43 294.6 239.9 359.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#16

Carbon Disulfide

Concen: 20.681 ug/l

RT: 4.535 min Scan# 949

Delta R.T. -0.003 min

Lab File: VN068470.D

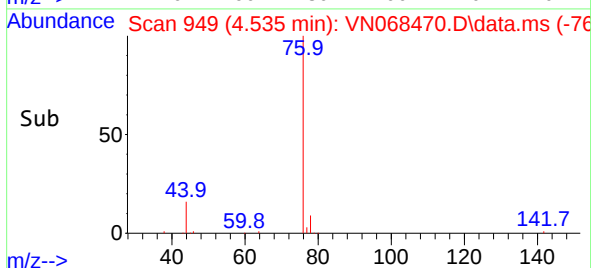
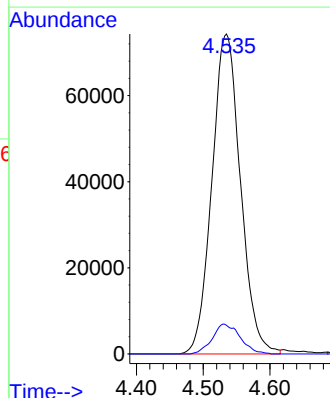
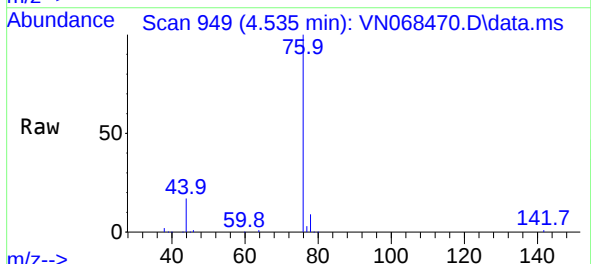
Acq: 14 Sep 2021 14:22

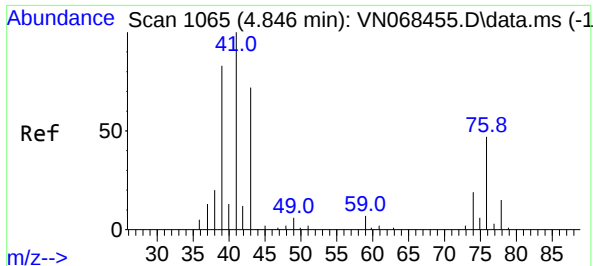
Tgt Ion: 76 Resp: 220893

Ion Ratio Lower Upper

76 100

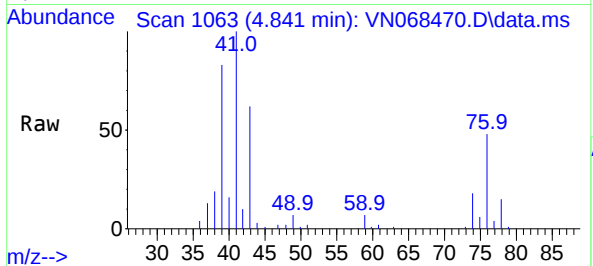
78 9.0 6.9 10.3





#17
Allyl chloride
Concen: 21.942 ug/l m
RT: 4.841 min Scan# 11338
Delta R.T. -0.005 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

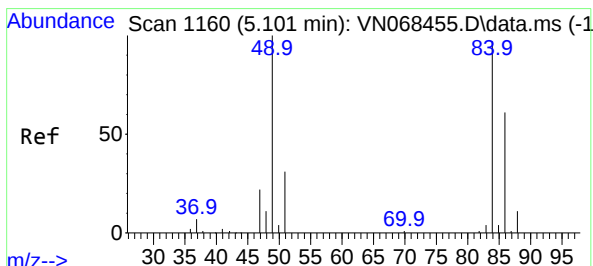
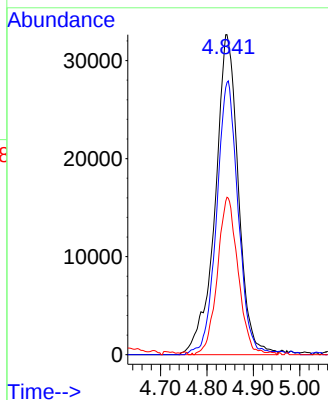
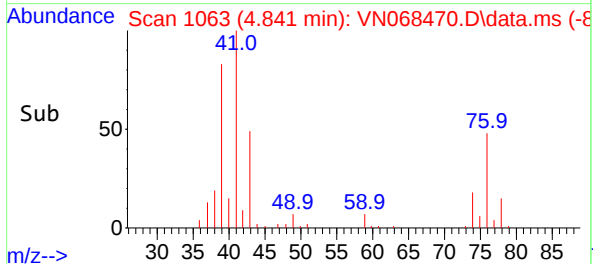
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion: 41 Resp: 11338
Ion Ratio Lower Upper
41 100
39 83.5 41.5 124.5
76 47.9 23.6 71.0

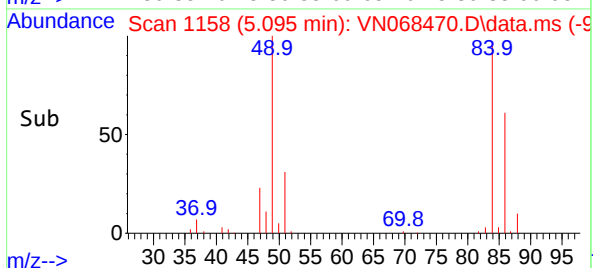
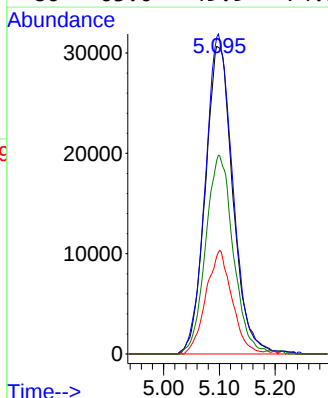
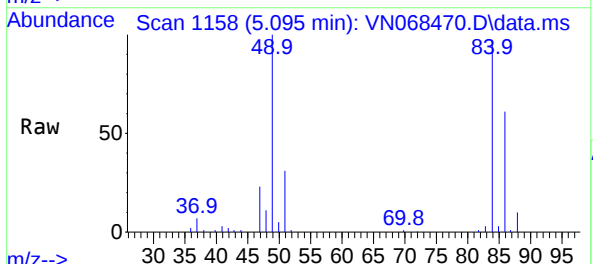
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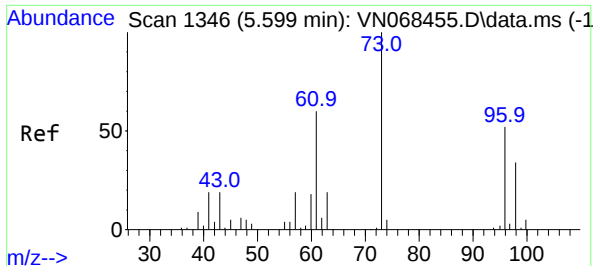
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#18
Methylene Chloride
Concen: 21.219 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. -0.005 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

Tgt Ion: 84 Resp: 105124
Ion Ratio Lower Upper
84 100
49 103.1 82.4 123.6
51 31.8 25.9 38.9
86 63.0 49.9 74.9





#19

trans-1,2-Dichloroethene

Concen: 21.590 ug/l

RT: 5.602 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN068470.D

Acq: 14 Sep 2021 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tgt Ion: 96 Resp: 100118

Ion Ratio Lower Upper

96 100

61 111.5 92.5 138.7

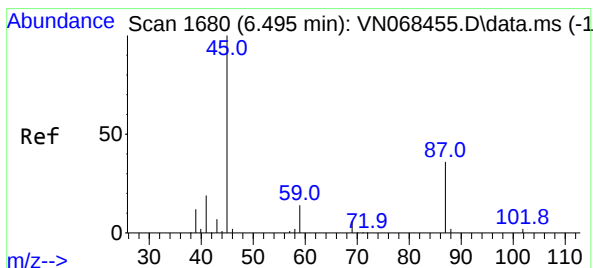
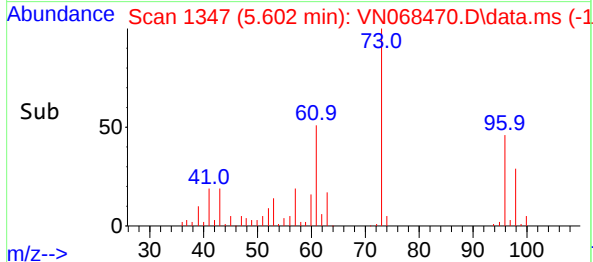
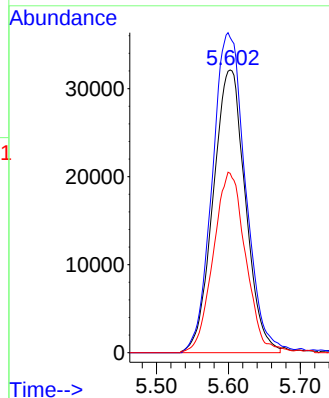
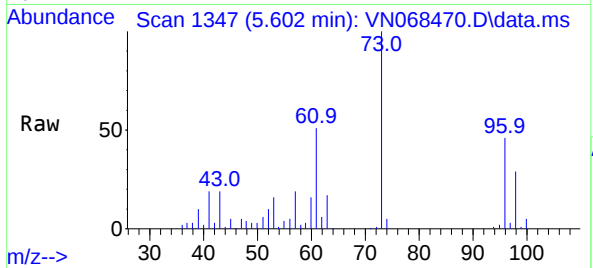
98 63.4 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#20

Diisopropyl ether

Concen: 22.372 ug/l

RT: 6.495 min Scan# 1680

Delta R.T. 0.000 min

Lab File: VN068470.D

Acq: 14 Sep 2021 14:22

Tgt Ion: 45 Resp: 256447

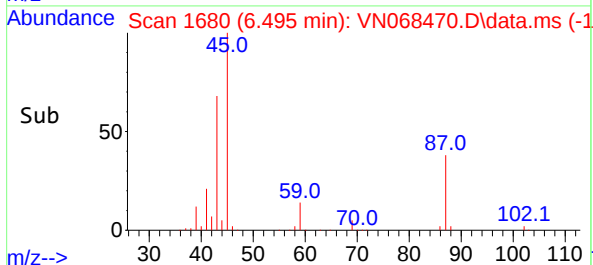
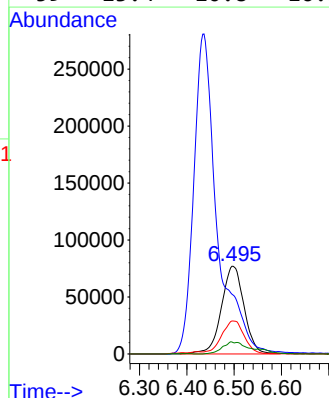
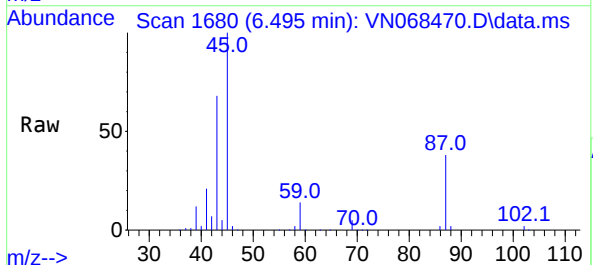
Ion Ratio Lower Upper

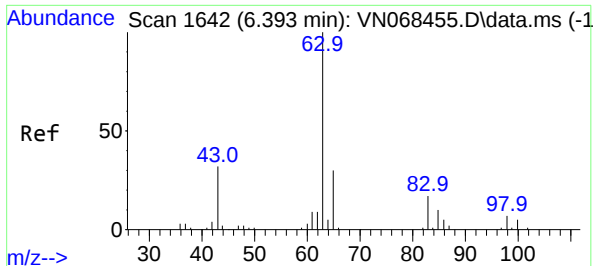
45 100

43 65.8 52.2 78.2

87 37.3 29.8 44.8

59 13.4 10.8 16.2





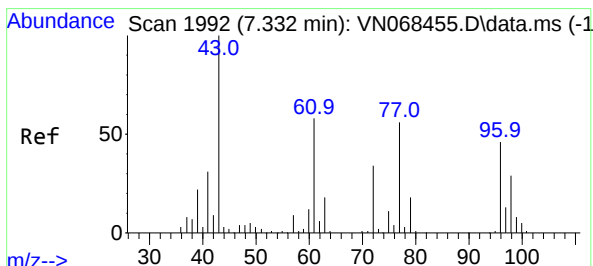
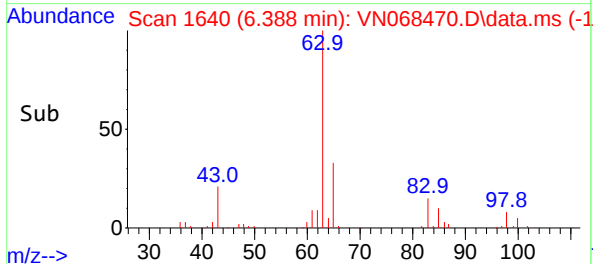
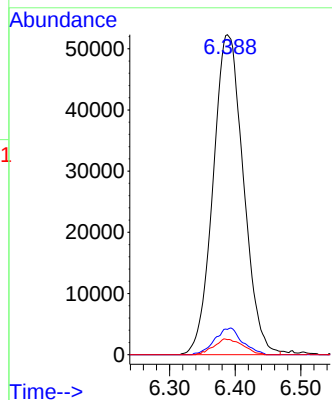
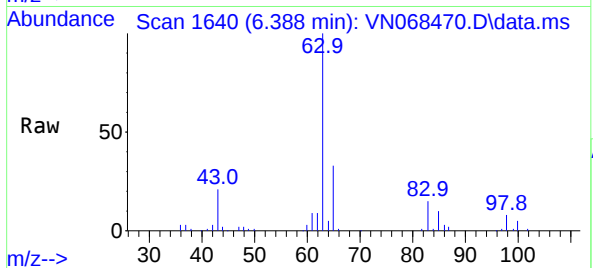
#21
1,1-Dichloroethane
Concen: 22.041 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. -0.005 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion: 63 Resp: 167918
Ion Ratio Lower Upper
63 100
98 7.9 3.5 10.4
100 4.7 2.5 7.5

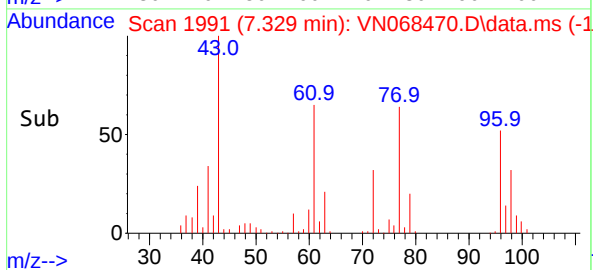
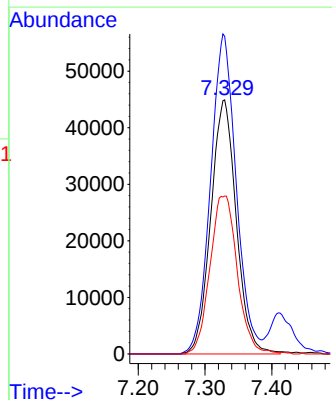
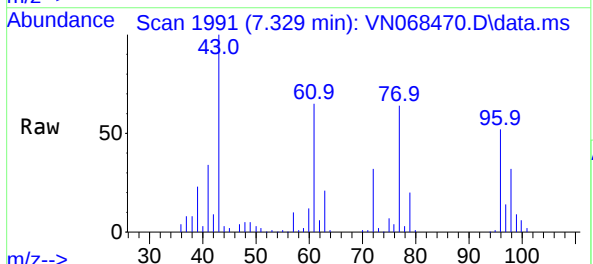
Manual Integrations
APPROVED

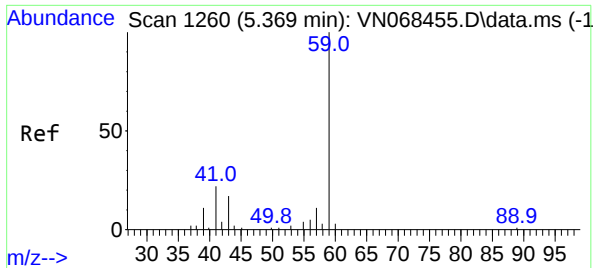
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#22
cis-1,2-Dichloroethene
Concen: 21.392 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

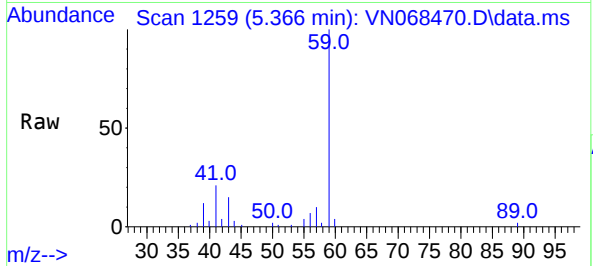
Tgt Ion: 96 Resp: 119272
Ion Ratio Lower Upper
96 100
61 126.7 102.3 153.5
98 33.0 52.3 78.5#





#23
tert-Butyl Alcohol
Concen: 91.544 ug/l
RT: 5.366 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

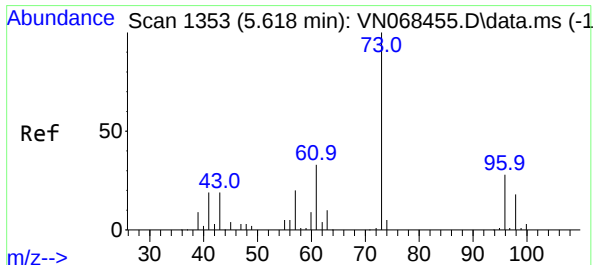
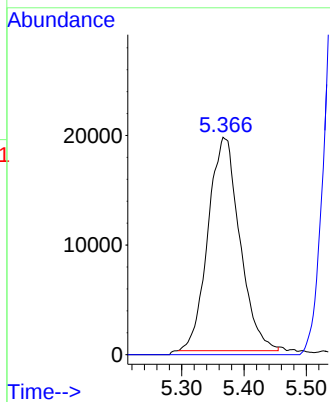
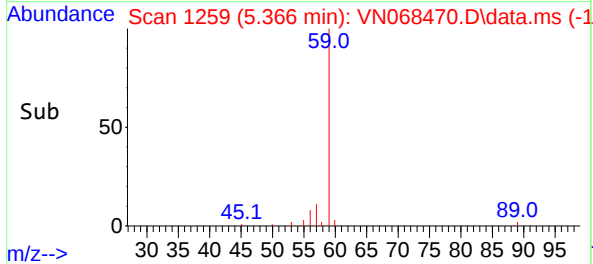
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



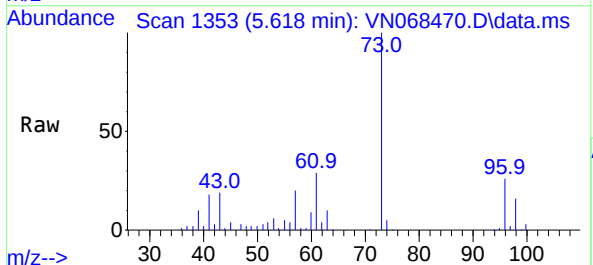
Tgt Ion: 59 Resp: 69012
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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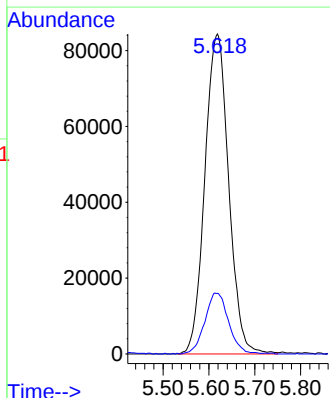
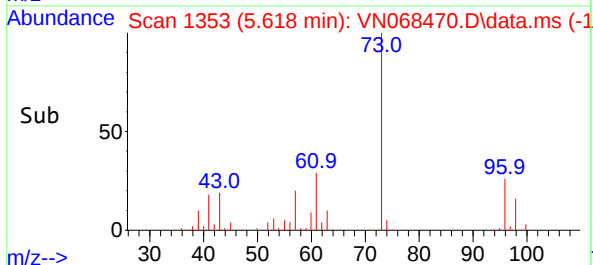
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

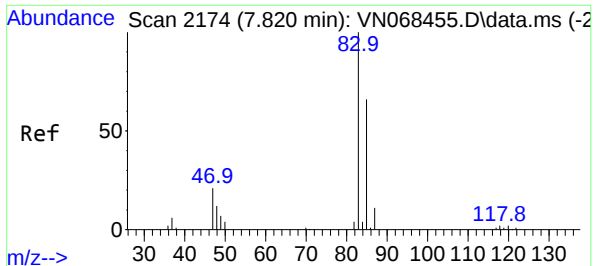


#24
Methyl tert-Butyl Ether
Concen: 21.617 ug/l m
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



Tgt Ion: 73 Resp: 304638
Ion Ratio Lower Upper
73 100
43 0.0 14.9 22.3#





#25

Chloroform

Concen: 22.201 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN068470.D

Acq: 14 Sep 2021 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tgt Ion: 83 Resp: 202419

Ion Ratio Lower Upper

83 100

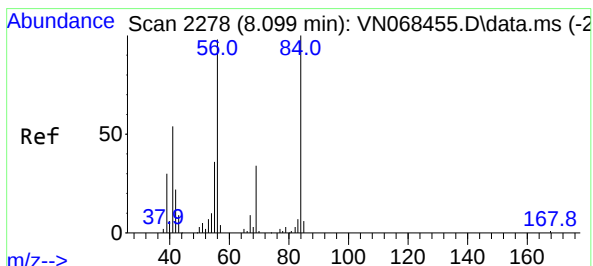
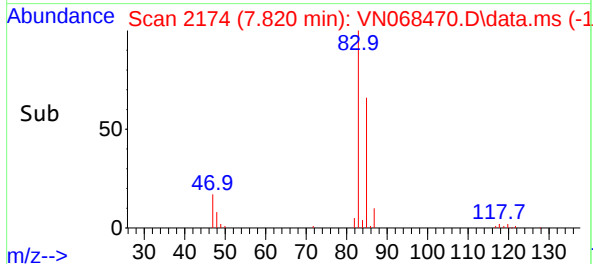
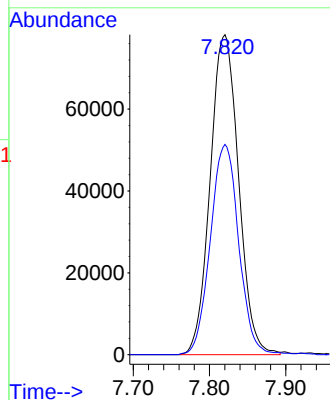
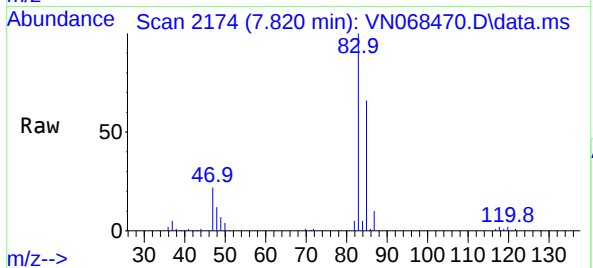
85 65.5 52.6 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#26

Cyclohexane

Concen: 22.146 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. -0.003 min

Lab File: VN068470.D

Acq: 14 Sep 2021 14:22

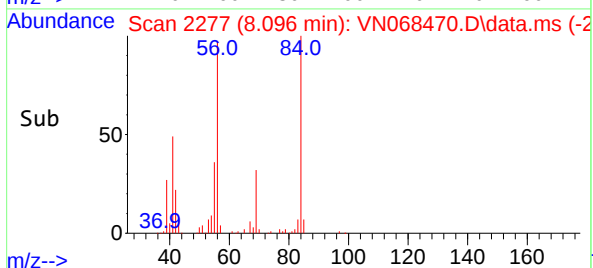
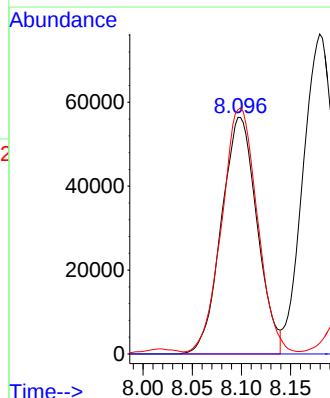
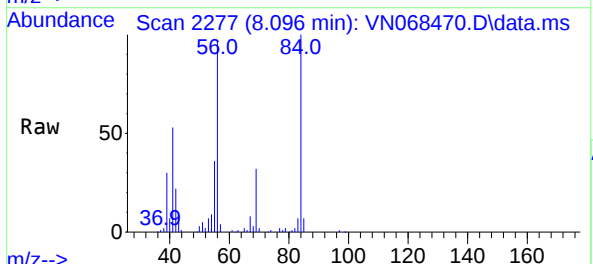
Tgt Ion: 56 Resp: 142639

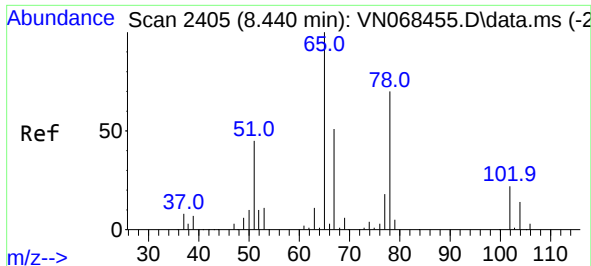
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

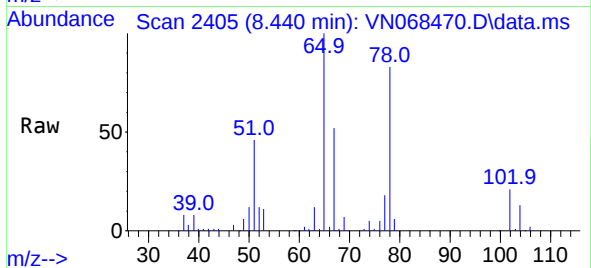
84 104.4 82.8 124.2





#27
1,2-Dichloroethane-d4
Concen: 32.016 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

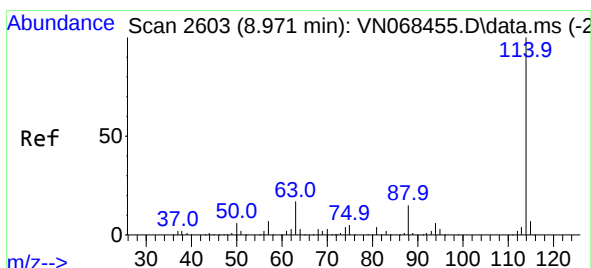
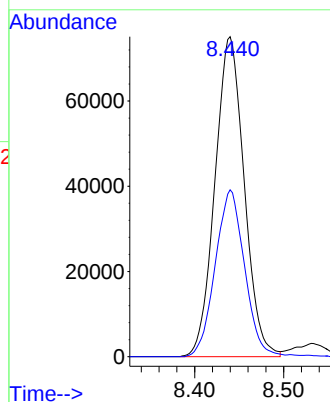
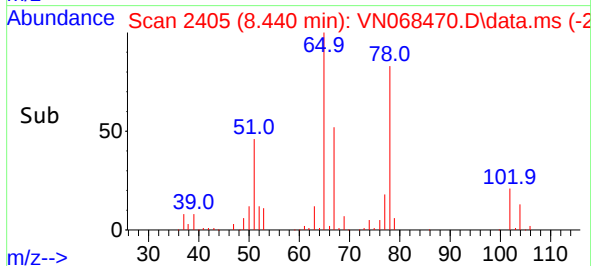
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



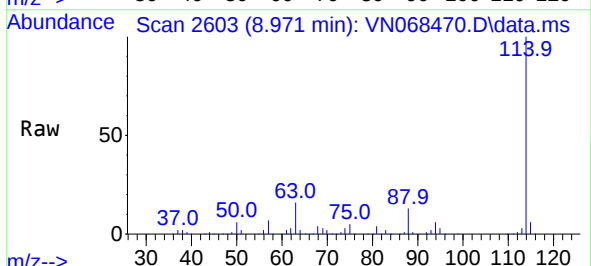
Tgt Ion: 65 Resp: 171719
Ion Ratio Lower Upper
65 100
67 52.1 41.8 62.8

Manual Integrations
APPROVED

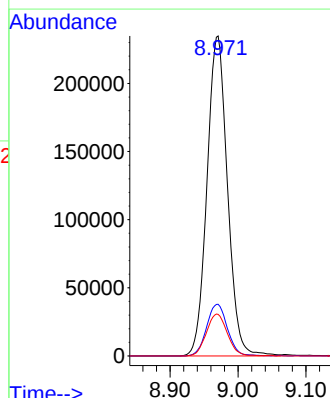
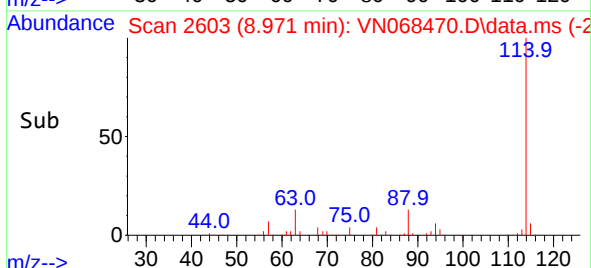
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

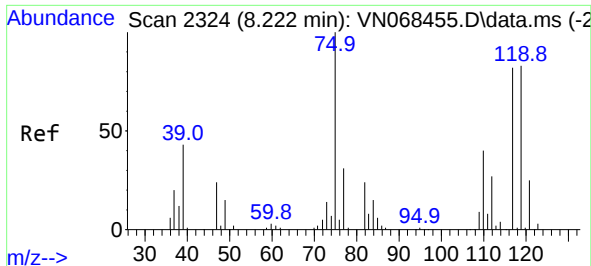


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



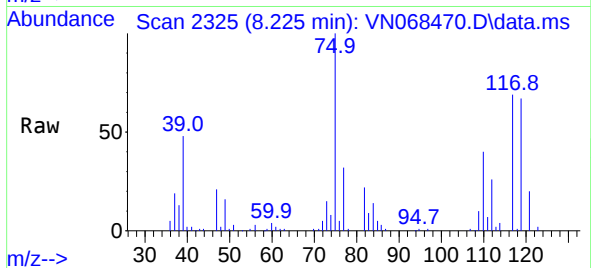
Tgt Ion:114 Resp: 491818
Ion Ratio Lower Upper
114 100
63 16.5 13.4 20.0
88 13.3 11.1 16.7





#29
1,1-Dichloropropene
Concen: 21.090 ug/l
RT: 8.225 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

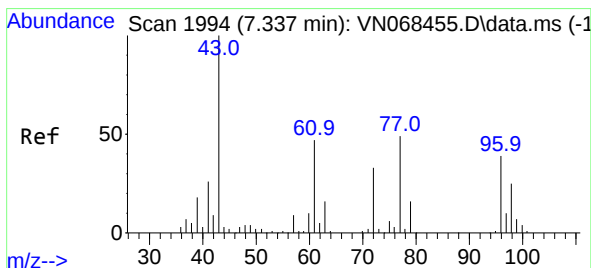
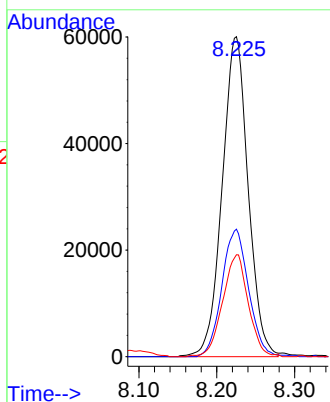
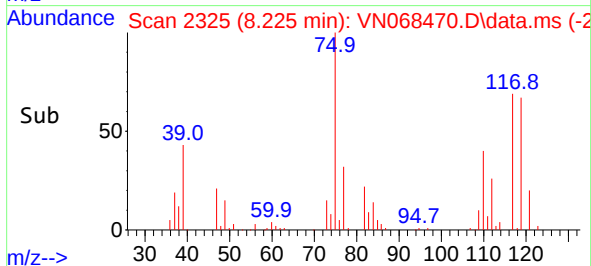
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



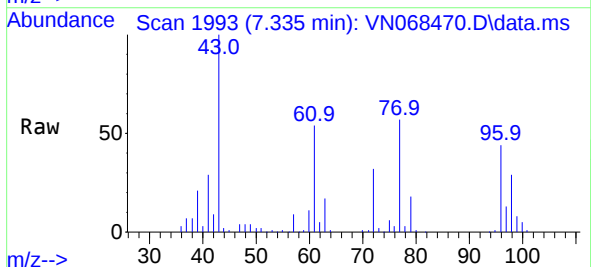
Tgt Ion: 75 Resp: 139020
Ion Ratio Lower Upper
75 100
110 40.9 0.0 82.2
77 30.6 0.0 60.0

Manual Integrations
APPROVED

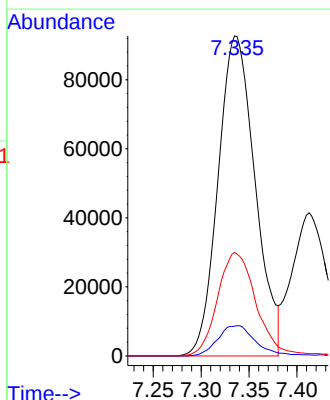
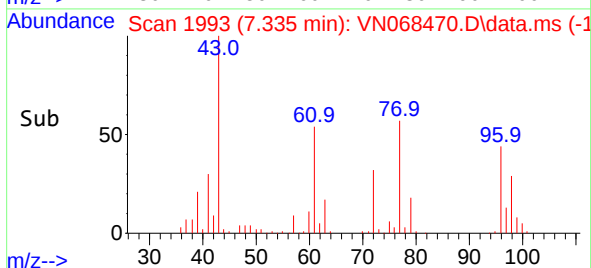
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

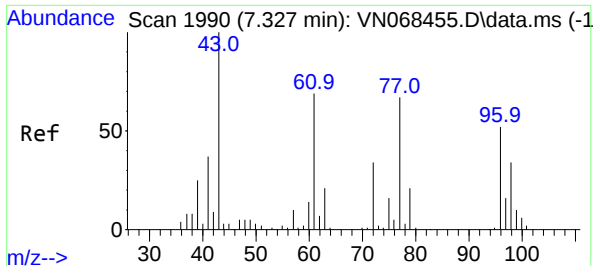


#30
2-Butanone
Concen: 98.946 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



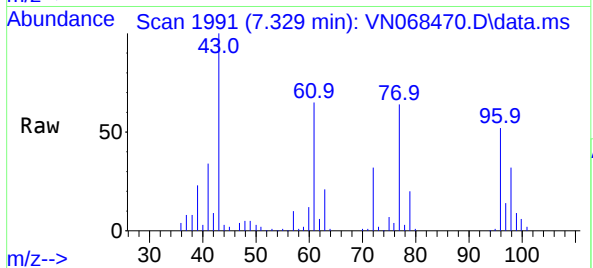
Tgt Ion: 43 Resp: 248941
Ion Ratio Lower Upper
43 100
57 0.0 3.2 4.8#
72 33.6 26.6 39.8





#31
2,2-Dichloropropane
Concen: 21.525 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

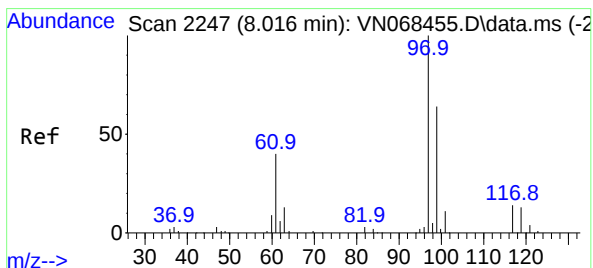
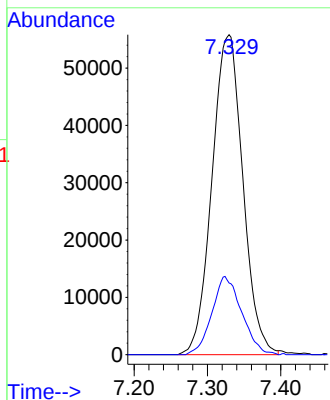
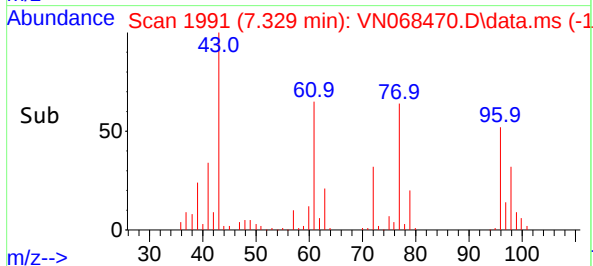
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



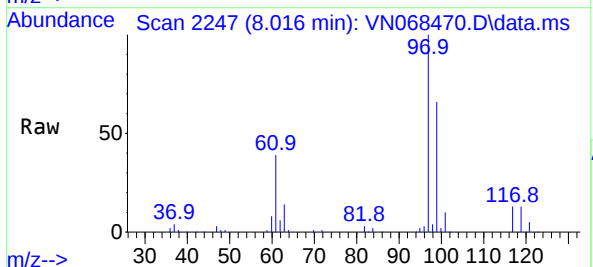
Tgt Ion: 77 Resp: 163290
Ion Ratio Lower Upper
77 100
97 23.6 18.6 28.0

Manual Integrations
APPROVED

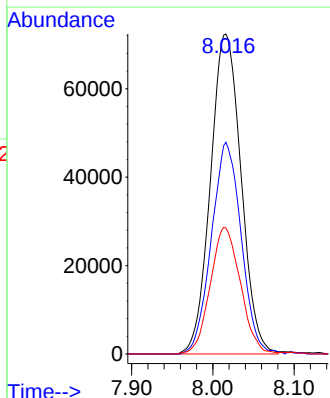
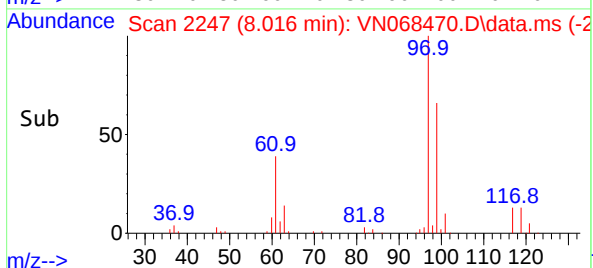
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

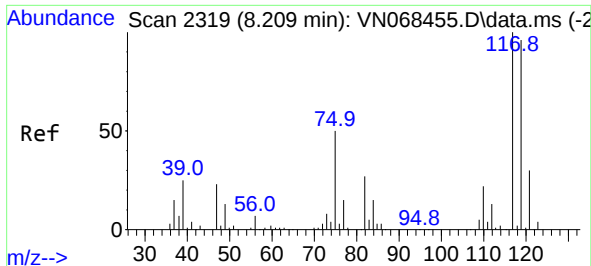


#32
1,1,1-Trichloroethane
Concen: 21.163 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



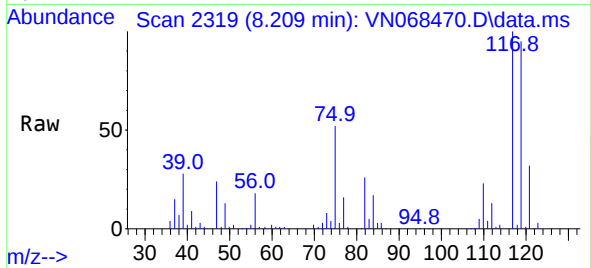
Tgt Ion: 97 Resp: 189441
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 39.0 31.4 47.0





#33
Carbon Tetrachloride
Concen: 20.926 ug/l
RT: 8.209 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

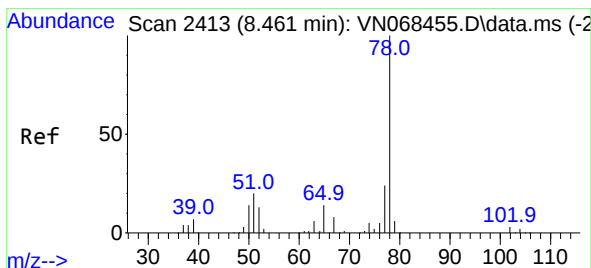
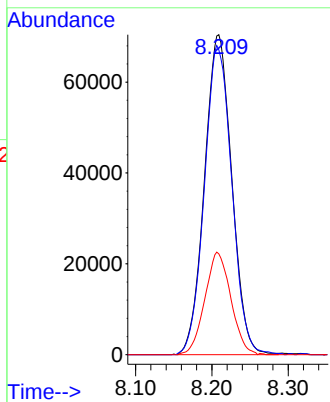
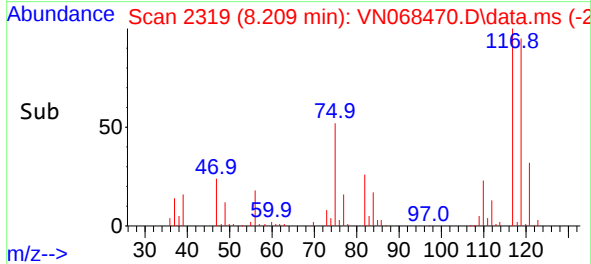
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



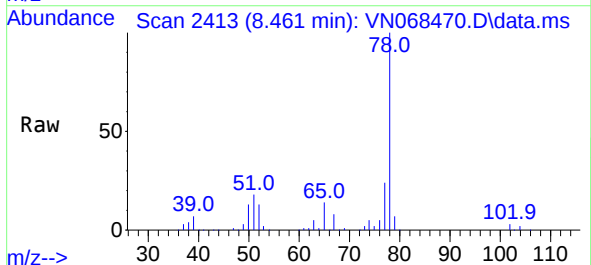
Tgt Ion:117 Resp: 17509
Ion Ratio Lower Upper
117 100
119 94.9 76.8 115.2
121 31.5 24.4 36.6

Manual Integrations
APPROVED

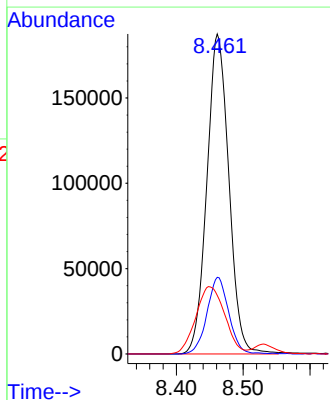
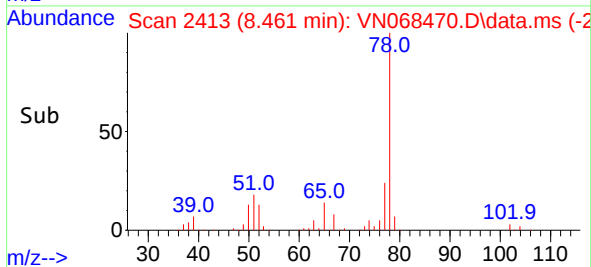
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

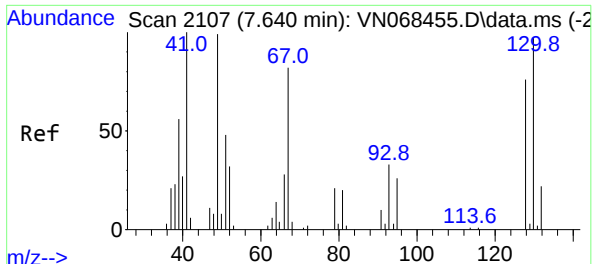


#34
Benzene
Concen: 21.359 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



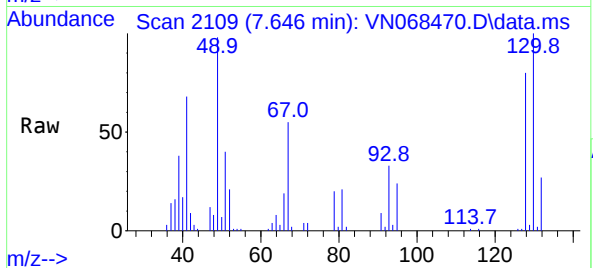
Tgt Ion: 78 Resp: 429345
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8
51 17.6 15.8 23.6





#35
Methacrylonitrile
Concen: 20.370 ug/l
RT: 7.646 min Scan# 2109
Delta R.T. 0.005 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

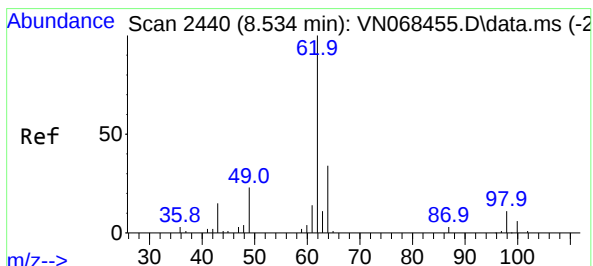
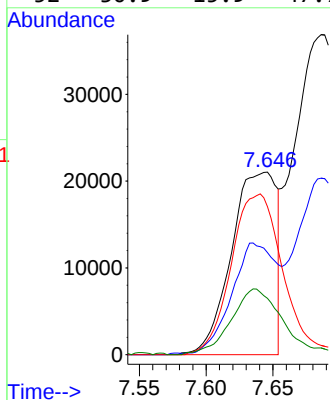
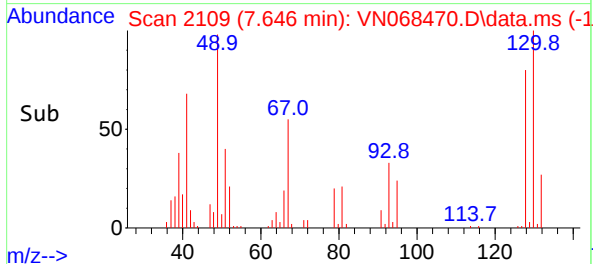
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion: 41 Resp: 49420
Ion Ratio Lower Upper
41 100
39 55.1 28.2 84.6
67 81.1 40.8 122.5
52 30.9 15.9 47.7

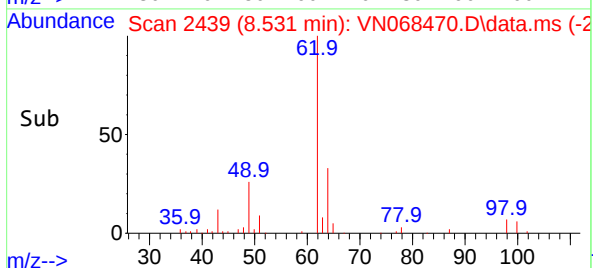
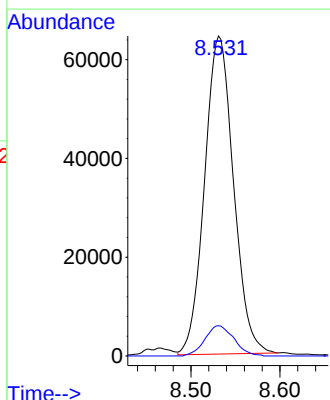
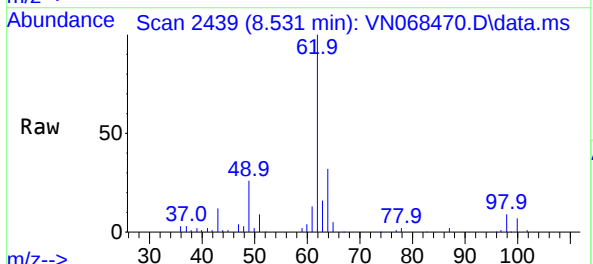
Manual Integrations
APPROVED

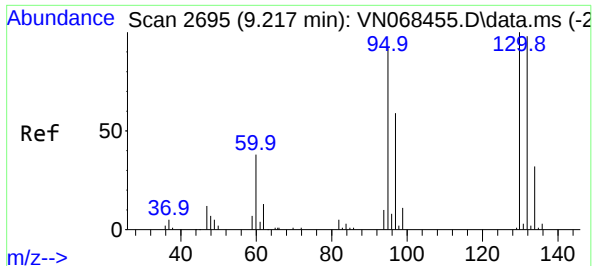
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#36
1,2-Dichloroethane
Concen: 21.485 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

Tgt Ion: 62 Resp: 145414
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.8





#37

Trichloroethene

Concen: 20.515 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN068470.D

Acq: 14 Sep 2021 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tgt Ion:130 Resp: 132140

Ion Ratio Lower Upper

130 100

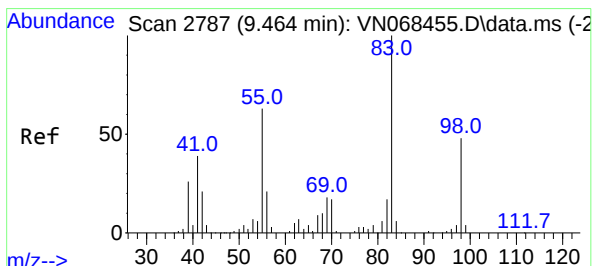
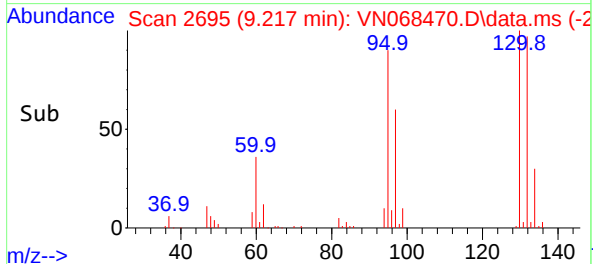
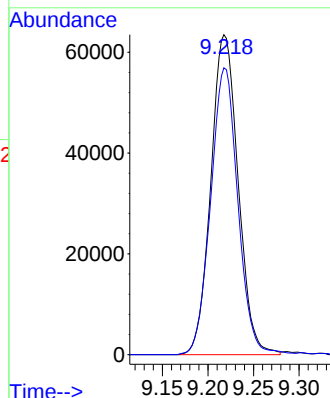
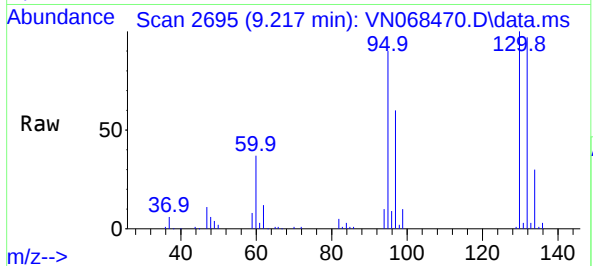
95 89.3 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#38

Methylcyclohexane

Concen: 21.071 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. -0.003 min

Lab File: VN068470.D

Acq: 14 Sep 2021 14:22

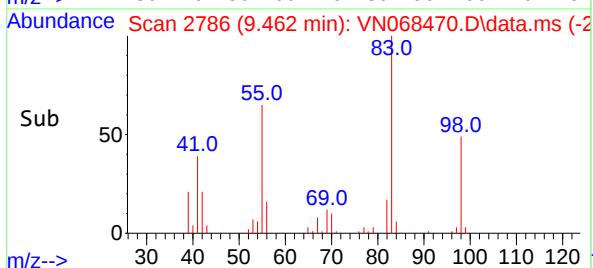
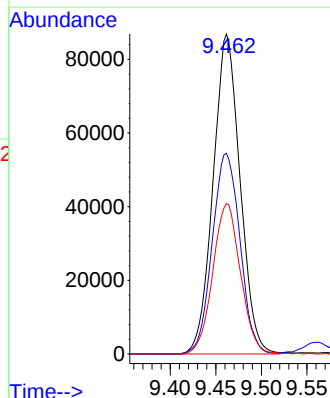
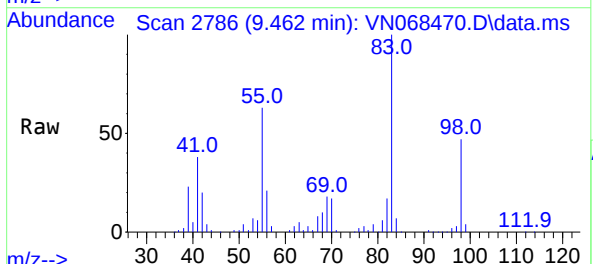
Tgt Ion: 83 Resp: 178533

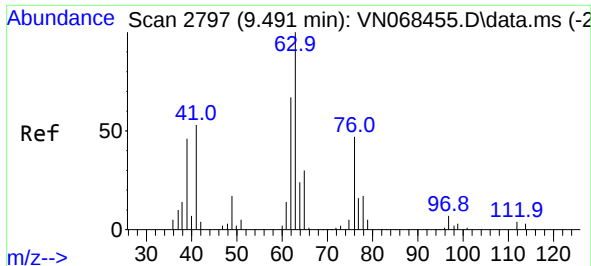
Ion Ratio Lower Upper

83 100

55 64.5 32.1 96.3

98 48.3 24.0 72.0





#39

1,2-Dichloropropane

Concen: 21.041 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN068470.D

Acq: 14 Sep 2021 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tgt Ion: 63 Resp: 9954

Ion Ratio Lower Upper

63 100

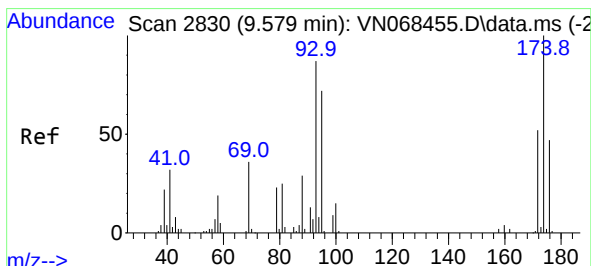
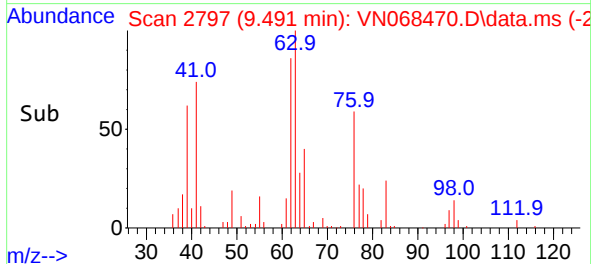
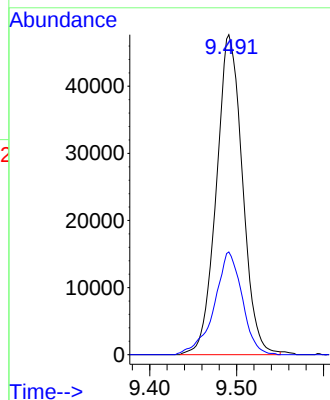
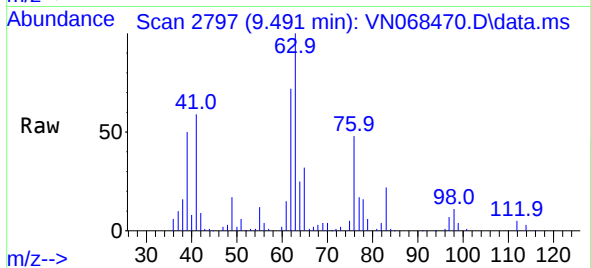
65 32.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#40

Dibromomethane

Concen: 21.072 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.003 min

Lab File: VN068470.D

Acq: 14 Sep 2021 14:22

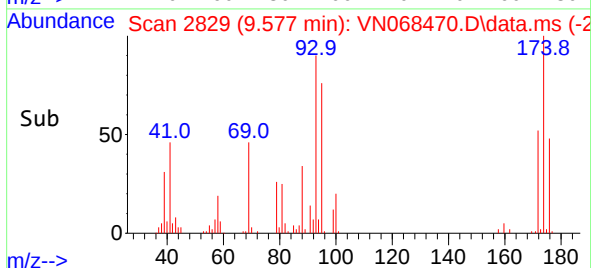
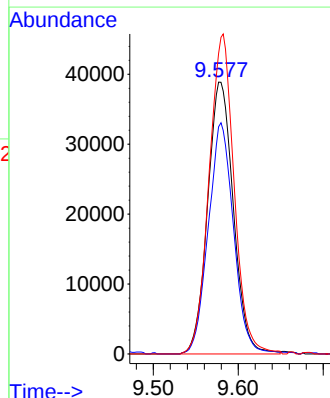
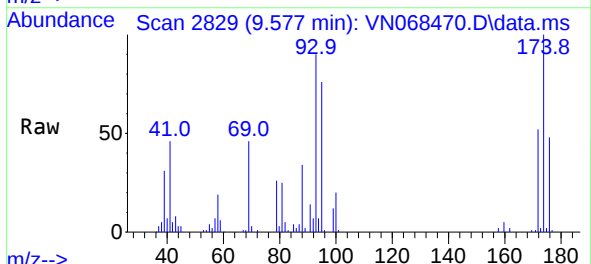
Tgt Ion: 93 Resp: 81910

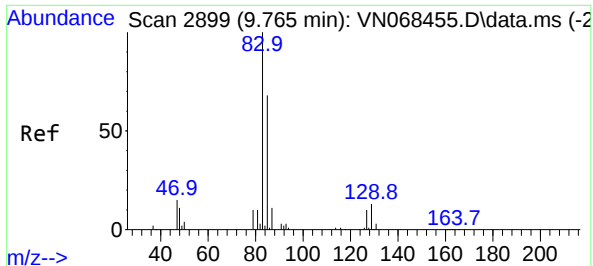
Ion Ratio Lower Upper

93 100

95 83.5 0.0 165.2

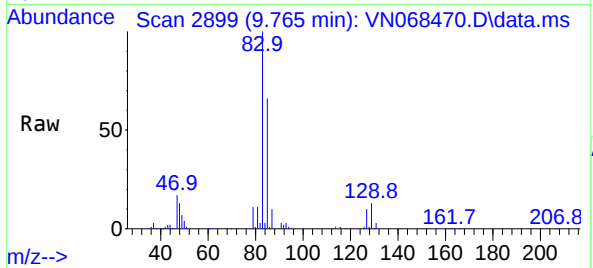
174 114.3 0.0 231.8





#41
Bromodichloromethane
Concen: 20.761 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

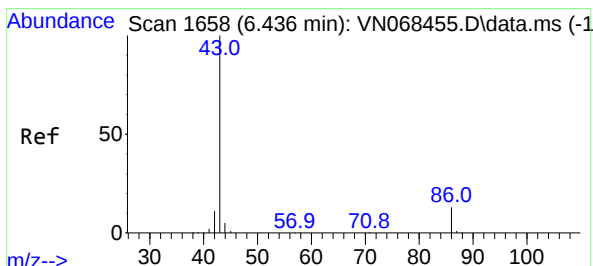
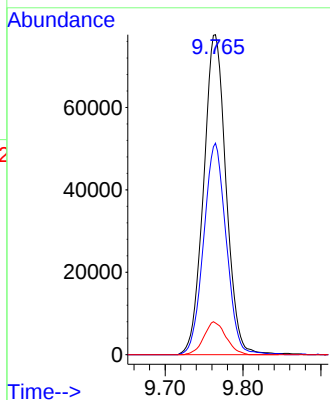
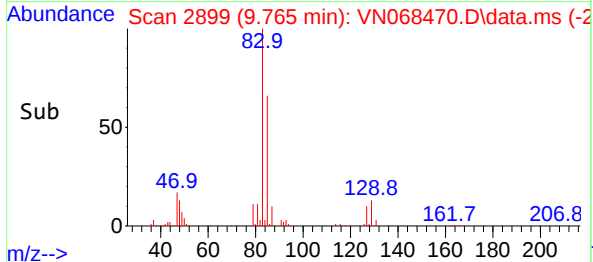
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



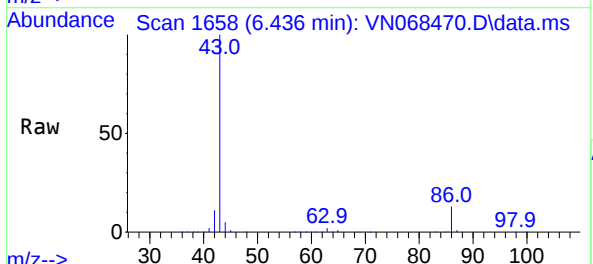
Tgt Ion: 83 Resp: 155950
Ion Ratio Lower Upper
83 100
85 66.1 54.1 81.1
127 9.9 8.8 13.2

Manual Integrations
APPROVED

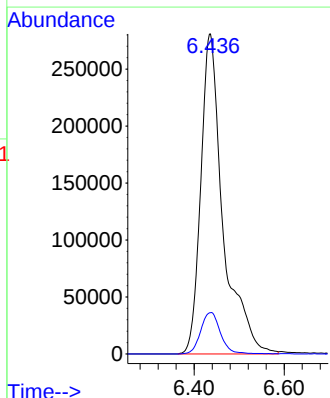
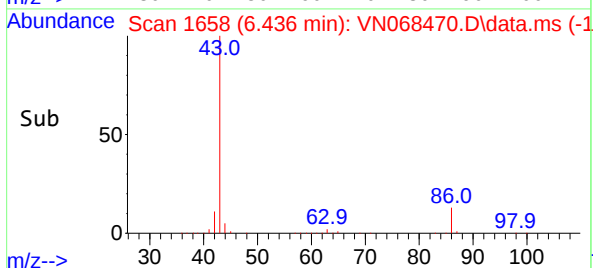
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

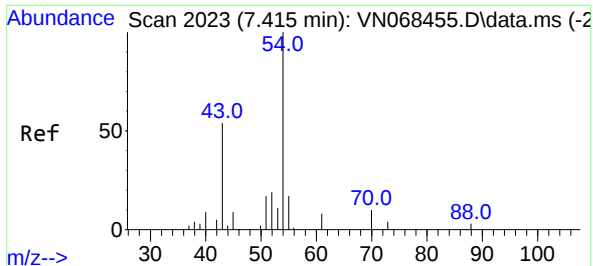


#42
Vinyl Acetate
Concen: 104.226 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



Tgt Ion: 43 Resp: 966151
Ion Ratio Lower Upper
43 100
86 11.4 9.0 13.6





#43

Ethyl Acetate

Concen: 19.352 ug/l

RT: 7.413 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN068470.D

Acq: 14 Sep 2021 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tgt Ion: 43 Resp: 10269

Ion Ratio Lower Upper

43 100

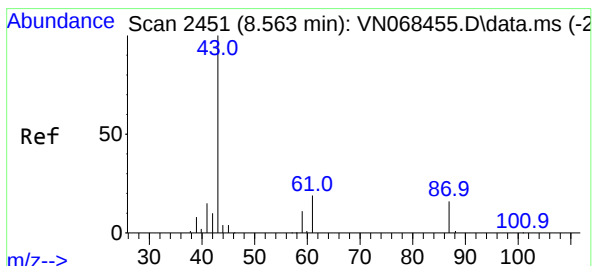
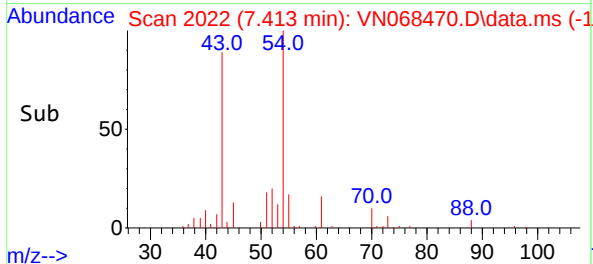
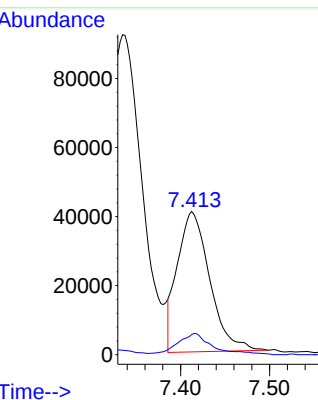
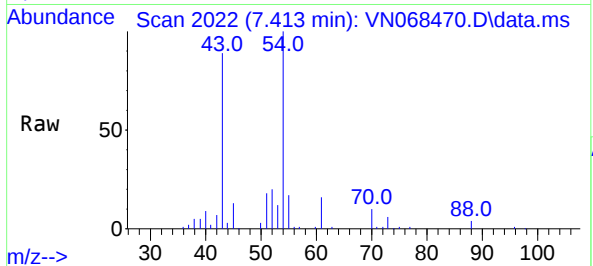
45 16.1 0.4 0.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2021

Supervised By :Mahesh Dadoda 09/15/2021



#44

Isopropyl Acetate

Concen: 20.574 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. -0.003 min

Lab File: VN068470.D

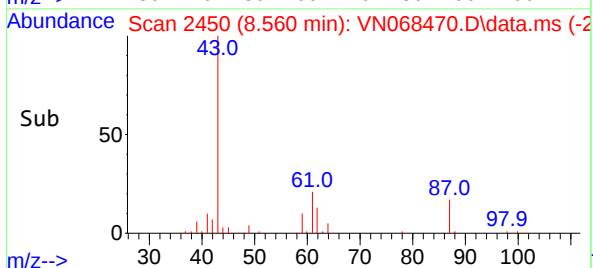
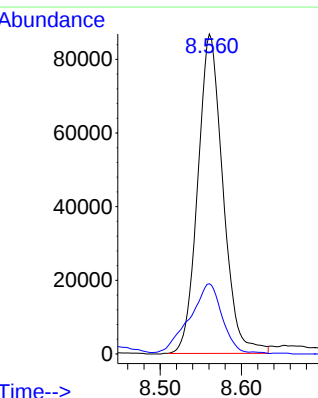
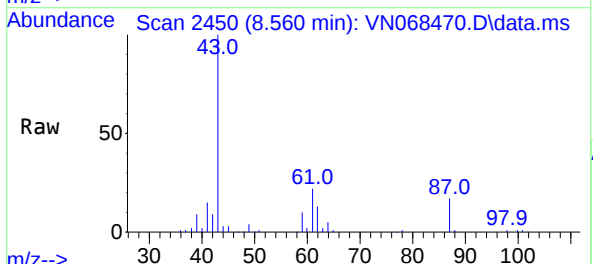
Acq: 14 Sep 2021 14:22

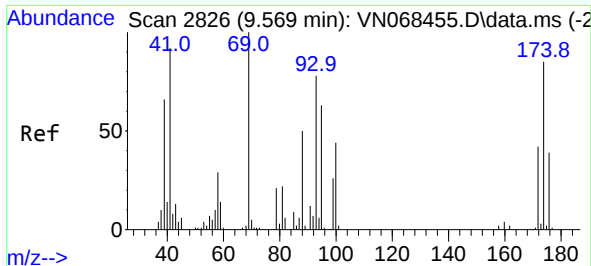
Tgt Ion: 43 Resp: 186883

Ion Ratio Lower Upper

43 100

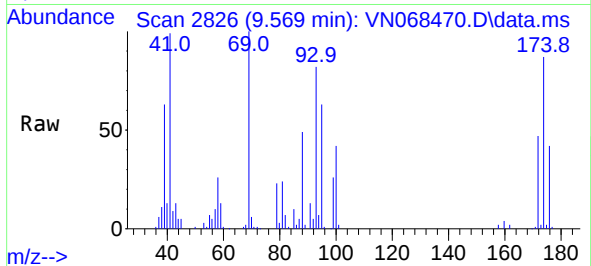
61 27.0 22.7 34.1





#45
1,4-Dioxane
Concen: 405.449 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

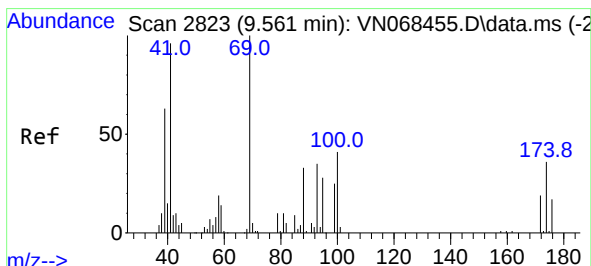
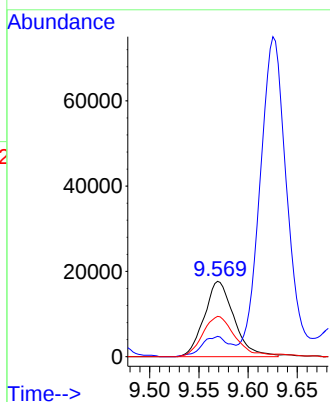
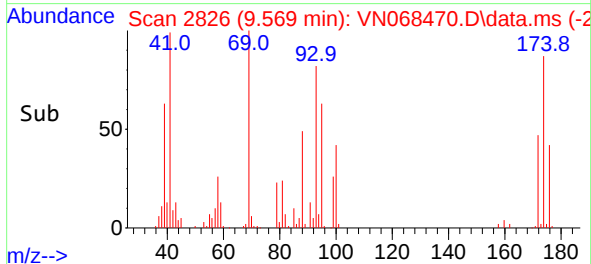
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



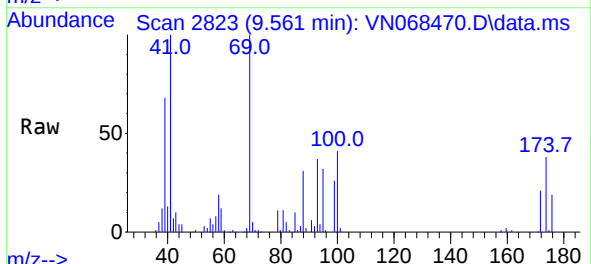
Tgt Ion: 88 Resp: 37239
Ion Ratio Lower Upper
88 100
43 11.0 21.0 31.4
58 55.9 47.0 70.6

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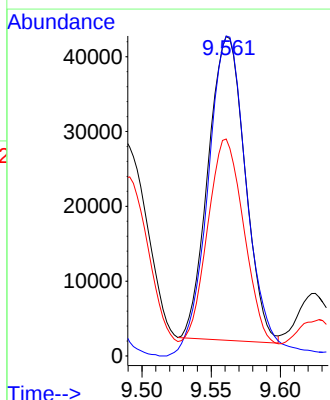
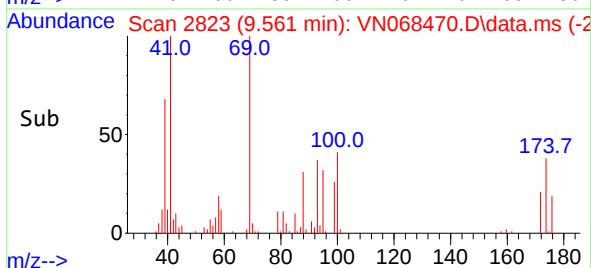
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

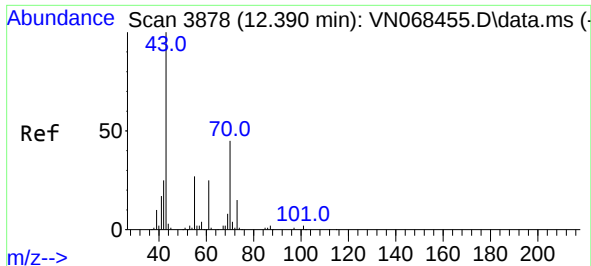


#46
Methyl methacrylate
Concen: 20.430 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



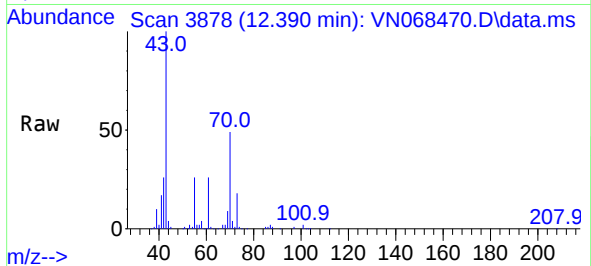
Tgt Ion: 41 Resp: 75062
Ion Ratio Lower Upper
41 100
69 104.2 51.4 154.3
39 68.0 33.1 99.2





#47
n-amy1 Acetate
Concen: 19.541 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

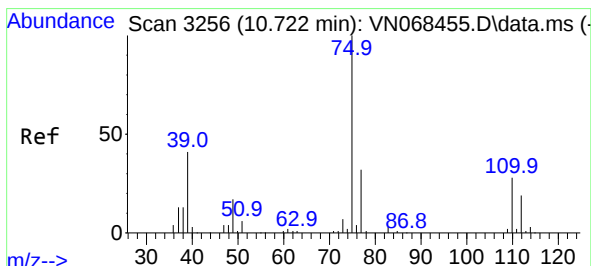
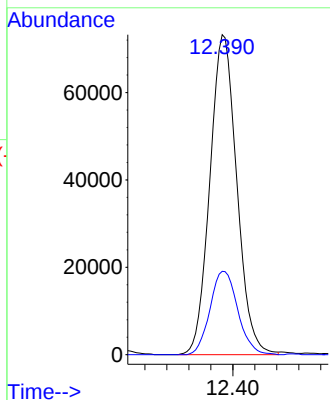
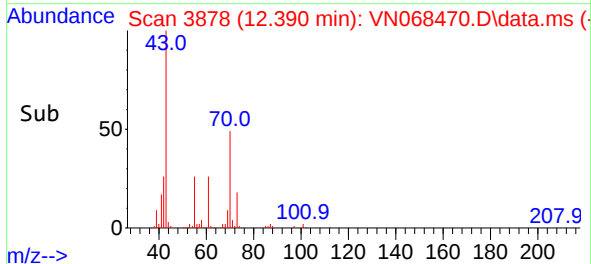
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion: 43 Resp: 124632
Ion Ratio Lower Upper
43 100
55 26.9 21.7 32.5

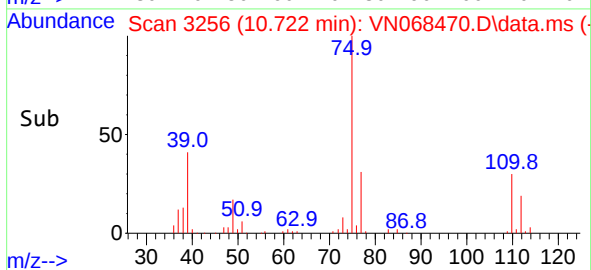
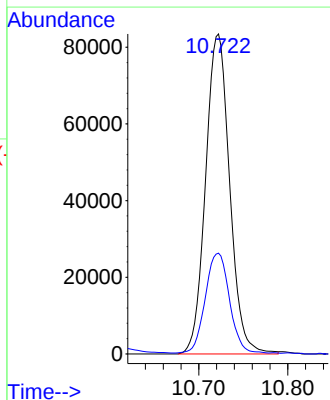
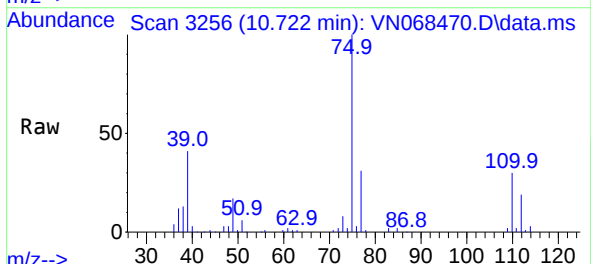
Manual Integrations
APPROVED

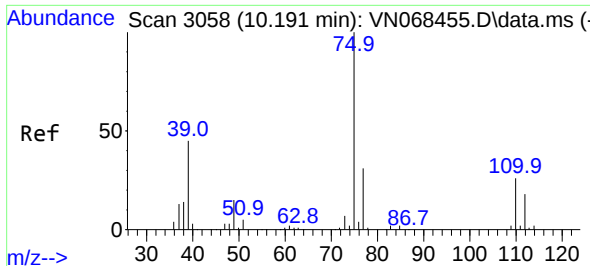
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#48
t-1,3-Dichloropropene
Concen: 20.621 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

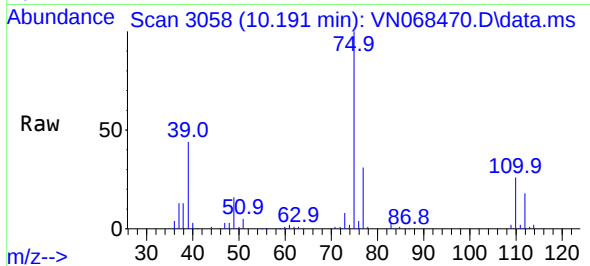
Tgt Ion: 75 Resp: 156838
Ion Ratio Lower Upper
75 100
77 31.2 26.0 39.0





#49
cis-1,3-Dichloropropene
Concen: 20.792 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

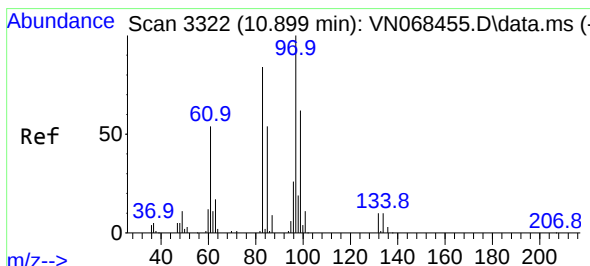
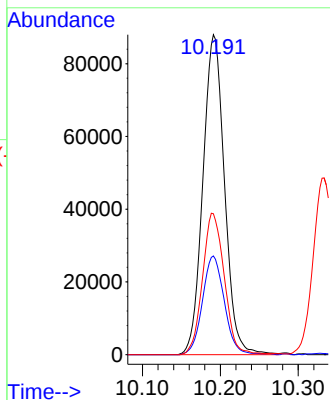
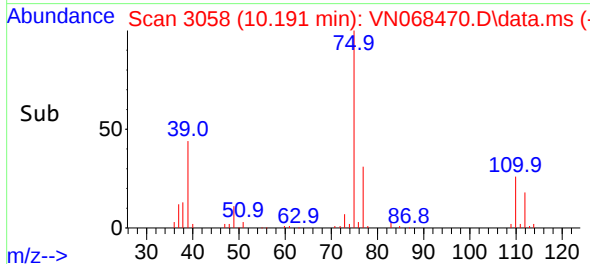
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



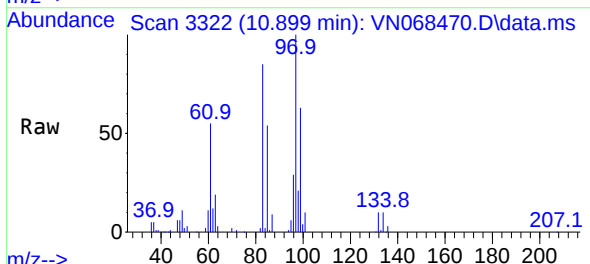
Tgt Ion: 75 Resp: 169960
Ion Ratio Lower Upper
75 100
77 30.9 24.6 36.8
39 44.0 35.9 53.9

Manual Integrations
APPROVED

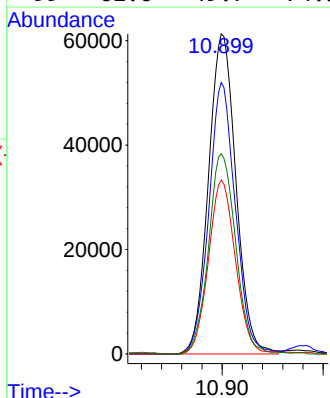
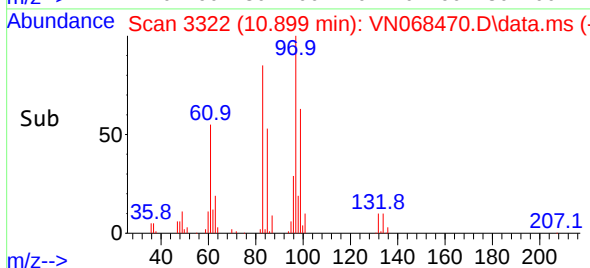
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

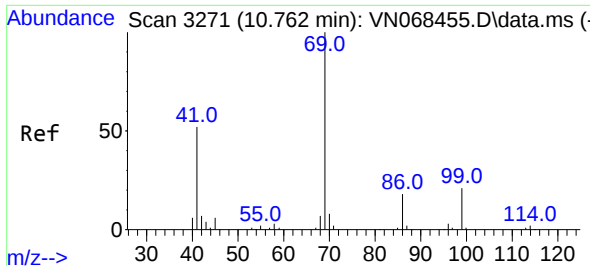


#50
1,1,2-Trichloroethane
Concen: 20.598 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



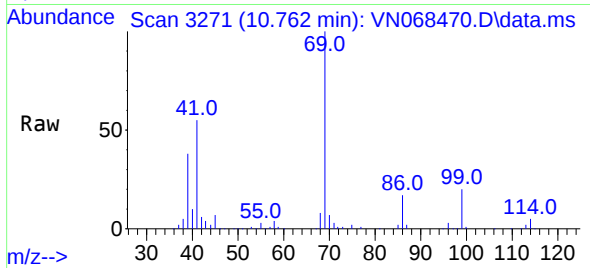
Tgt Ion: 97 Resp: 115708
Ion Ratio Lower Upper
97 100
83 84.8 66.8 100.2
85 54.3 43.5 65.3
99 62.6 49.7 74.5





#51
Ethyl methacrylate
Concen: 20.186 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

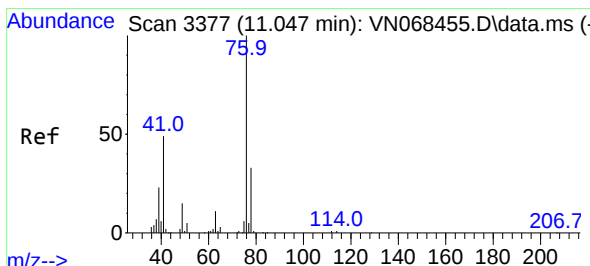
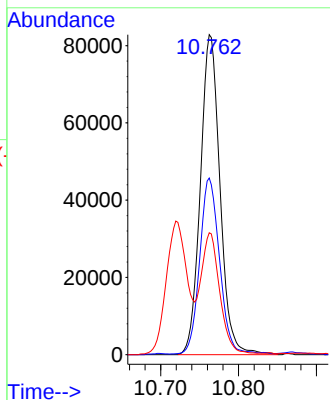
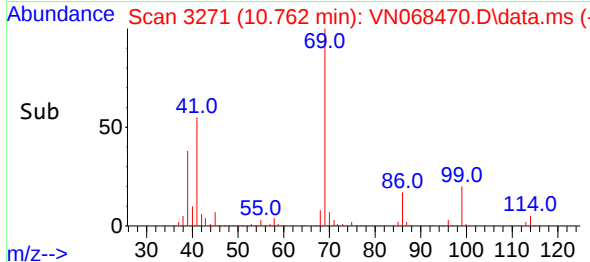
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



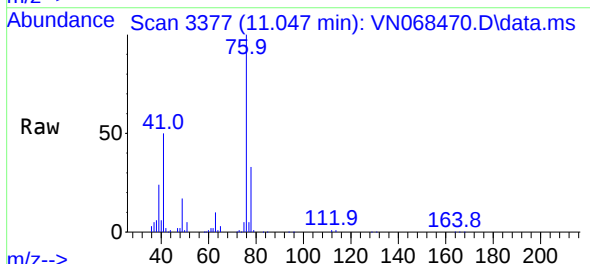
Tgt Ion: 69 Resp: 14558
Ion Ratio Lower Upper
69 100
41 54.9 26.1 78.3
39 37.8 18.0 54.0

Manual Integrations
APPROVED

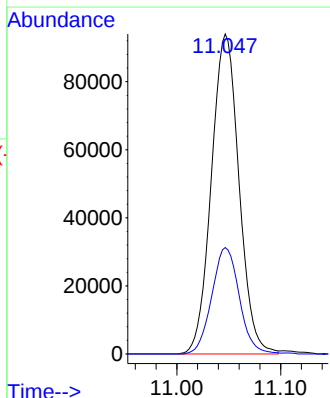
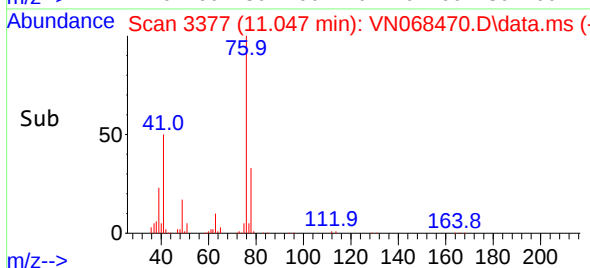
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

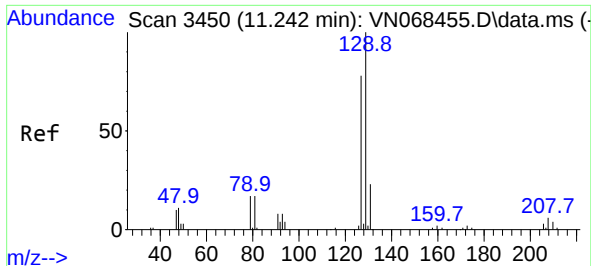


#52
1,3-Dichloropropane
Concen: 20.827 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



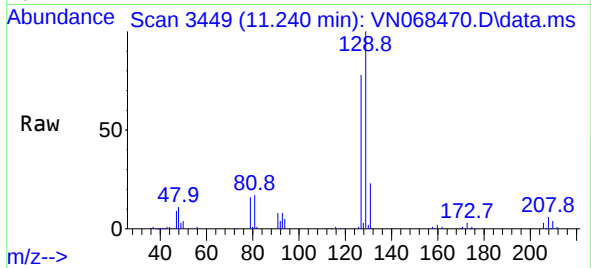
Tgt Ion: 76 Resp: 173981
Ion Ratio Lower Upper
76 100
78 33.1 0.0 66.4





#53
Dibromochloromethane
Concen: 20.218 ug/l
RT: 11.240 min Scan# 3450
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

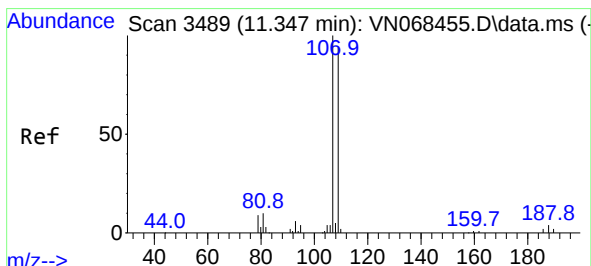
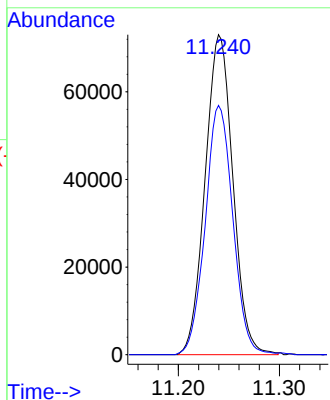
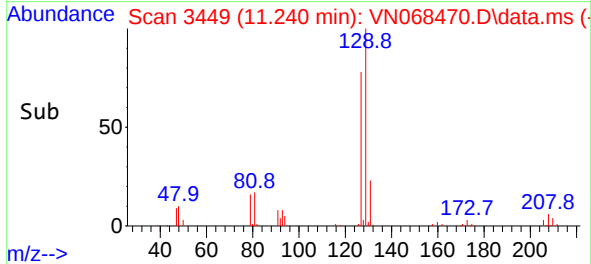
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



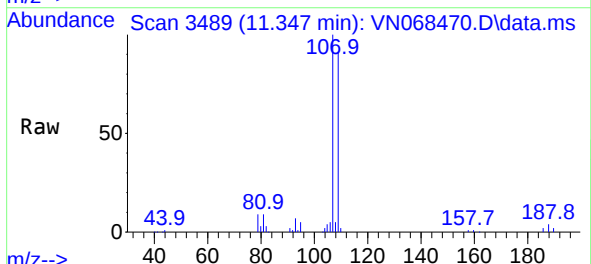
Tgt Ion:129 Resp: 139648
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

Manual Integrations
APPROVED

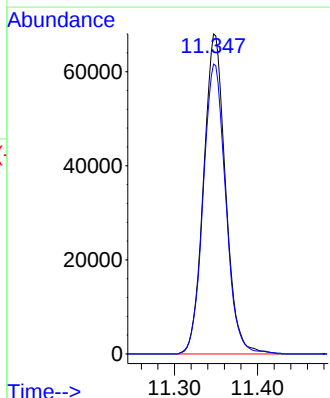
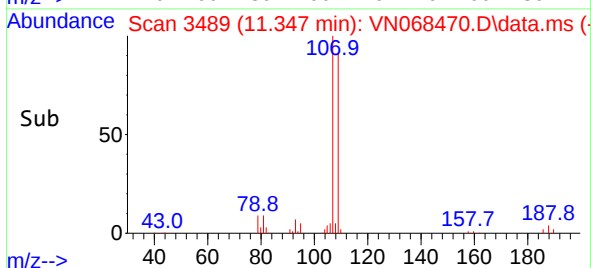
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

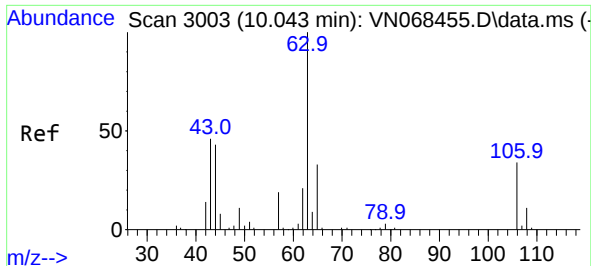


#54
1,2-Dibromoethane
Concen: 20.713 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



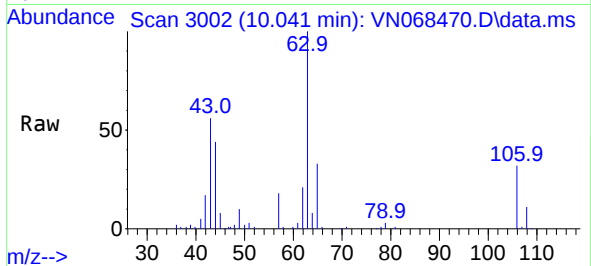
Tgt Ion:107 Resp: 124779
Ion Ratio Lower Upper
107 100
109 92.8 77.0 115.4





#55
2-Chloroethyl vinyl ether
Concen: 73.625 ug/l
RT: 10.041 min Scan# 3003
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

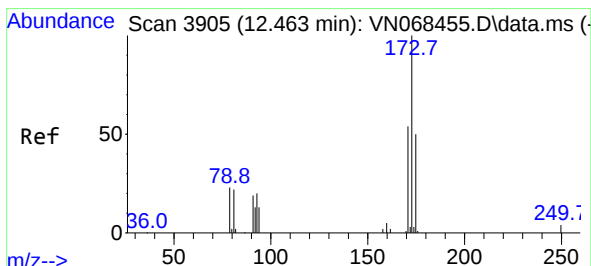
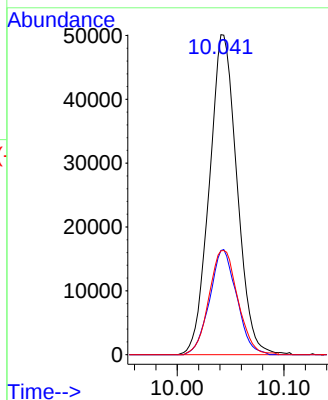
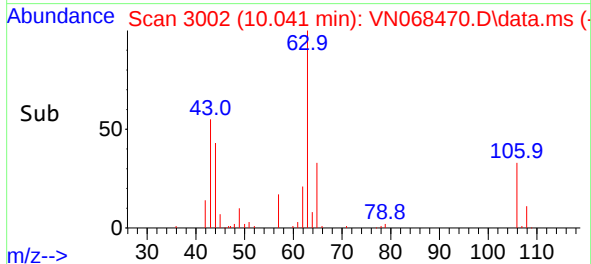
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



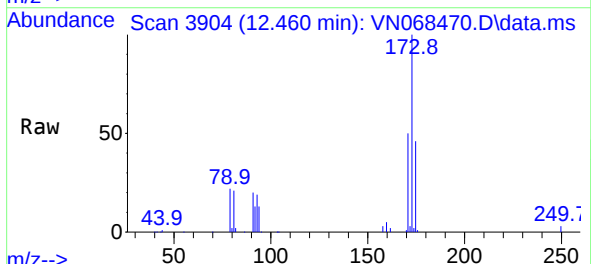
Tgt Ion: 63 Resp: 8988
Ion Ratio Lower Upper
63 100
65 32.1 26.2 39.2
106 34.1 27.7 41.5

Manual Integrations
APPROVED

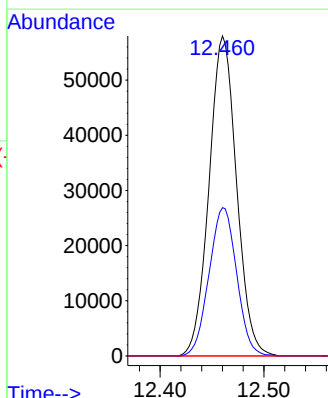
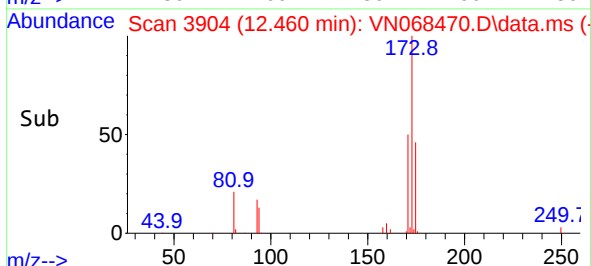
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

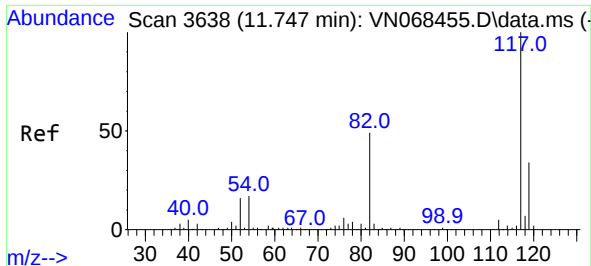


#56
Bromoform
Concen: 19.233 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



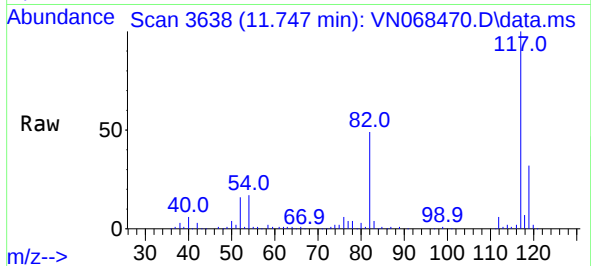
Tgt Ion:173 Resp: 106698
Ion Ratio Lower Upper
173 100
175 46.5 38.8 58.2
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3011
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

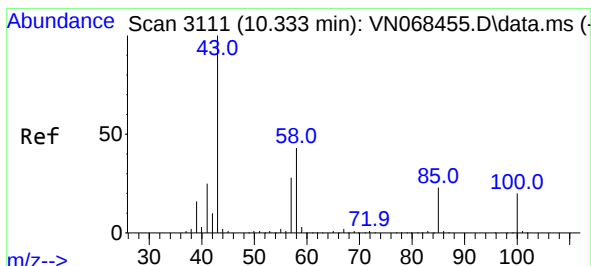
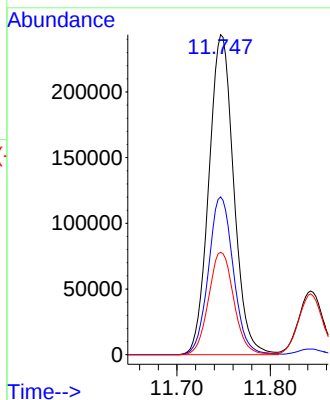
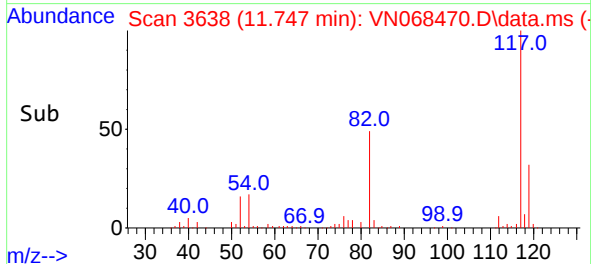
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



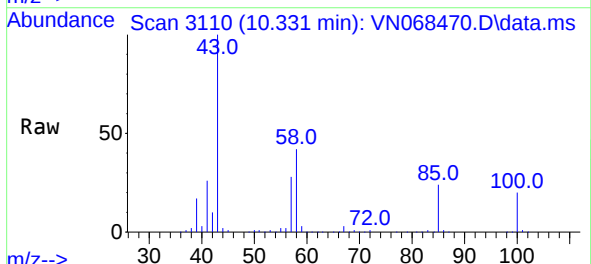
Tgt Ion:117 Resp: 451222
Ion Ratio Lower Upper
117 100
82 49.4 39.4 59.0
119 32.4 26.2 39.2

Manual Integrations
APPROVED

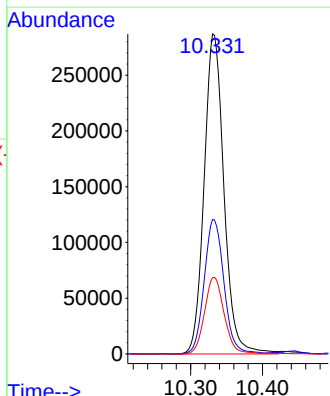
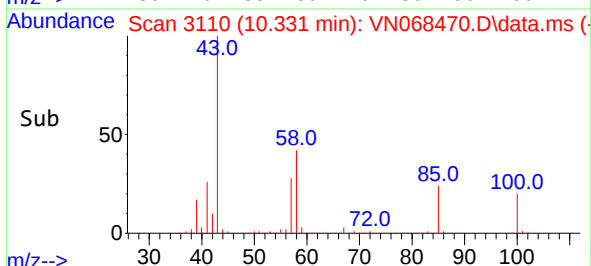
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

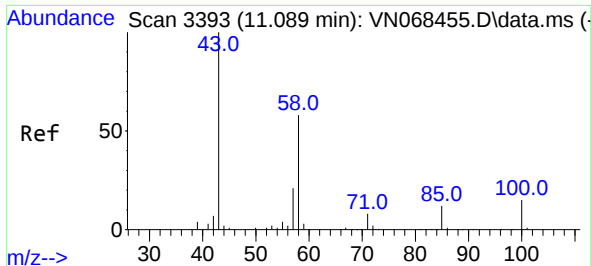


#58
4-Methyl-2-Pentanone
Concen: 103.776 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



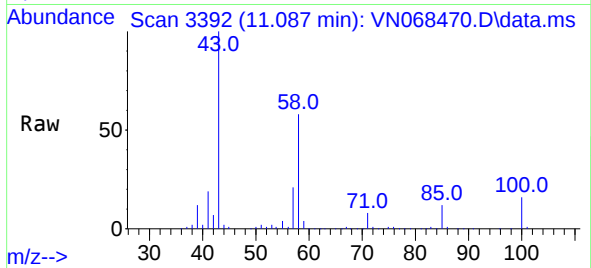
Tgt Ion: 43 Resp: 551222
Ion Ratio Lower Upper
43 100
58 41.9 33.3 49.9
85 23.7 18.6 27.8





#59
2-Hexanone
Concen: 100.640 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

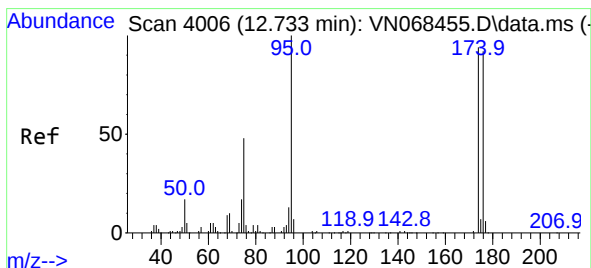
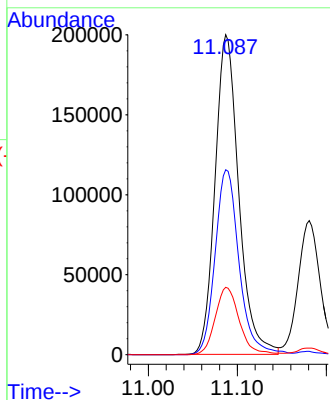
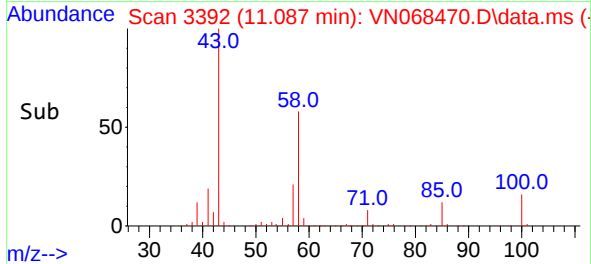
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



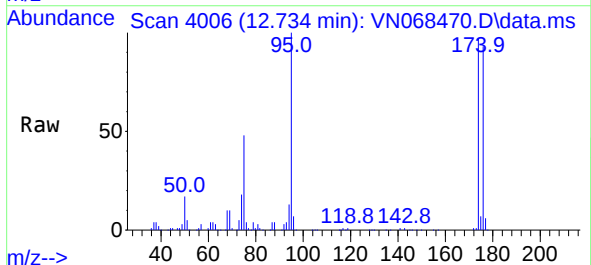
Tgt Ion: 43 Resp: 370480
Ion Ratio Lower Upper
43 100
58 58.6 46.4 69.6
57 21.3 16.6 25.0

Manual Integrations
APPROVED

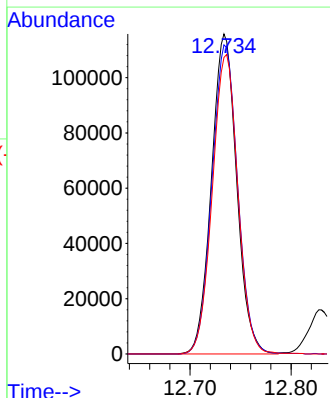
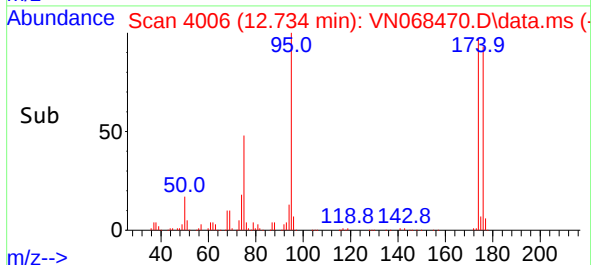
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

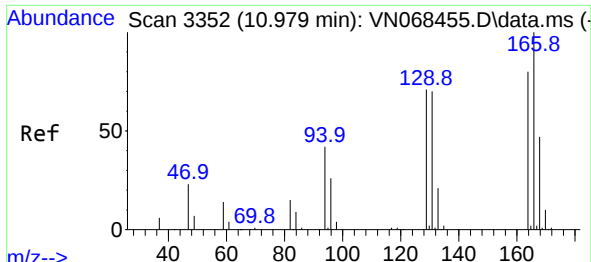


#60
4-Bromofluorobenzene
Concen: 31.185 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



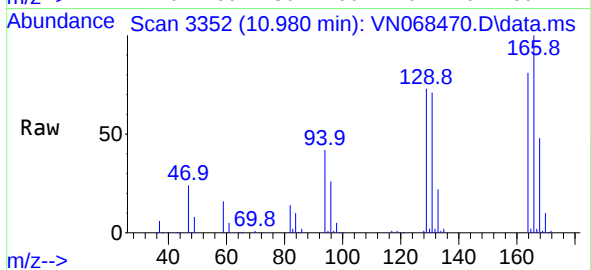
Tgt Ion: 95 Resp: 200564
Ion Ratio Lower Upper
95 100
174 98.4 78.0 117.0
176 94.9 76.4 114.6





#61
Tetrachloroethene
Concen: 21.384 ug/l
RT: 10.980 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

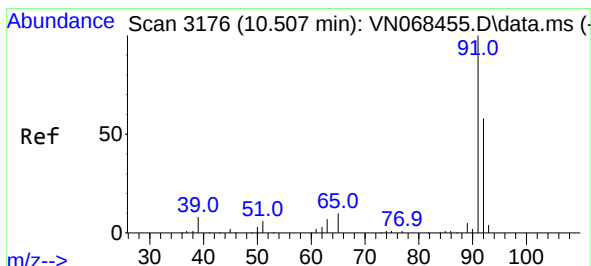
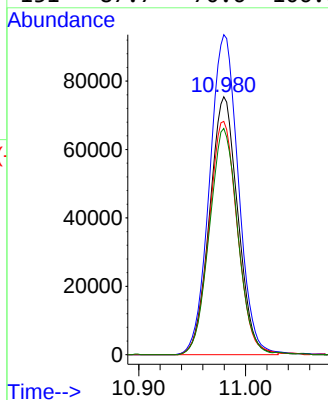
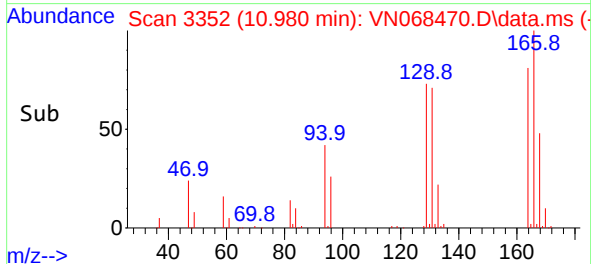
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



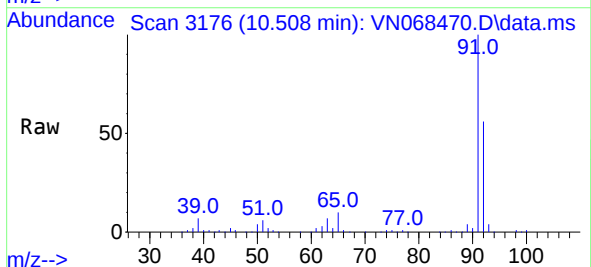
Tgt Ion:164 Resp: 138730
Ion Ratio Lower Upper
164 100
166 123.8 100.4 150.6
129 90.4 71.4 107.0
131 87.7 70.6 106.0

Manual Integrations
APPROVED

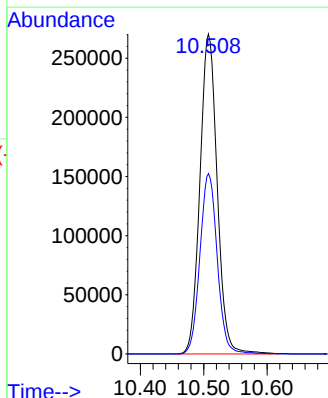
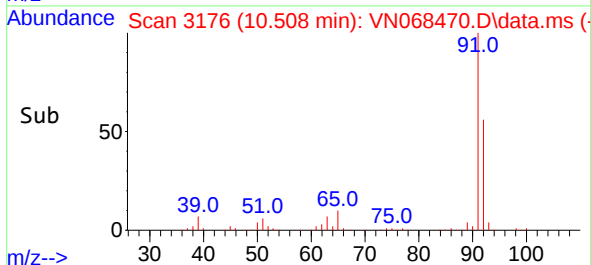
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

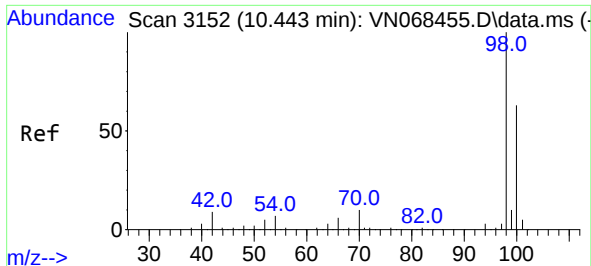


#62
Toluene
Concen: 21.555 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



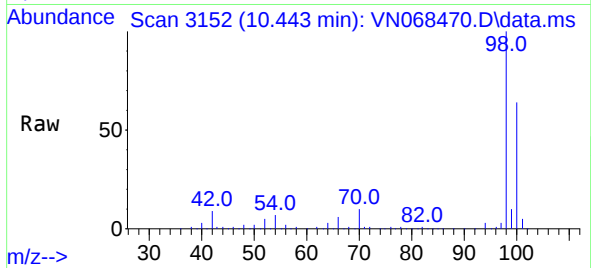
Tgt Ion: 91 Resp: 511900
Ion Ratio Lower Upper
91 100
92 56.3 45.8 68.6





#63
Toluene-d8
Concen: 30.824 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

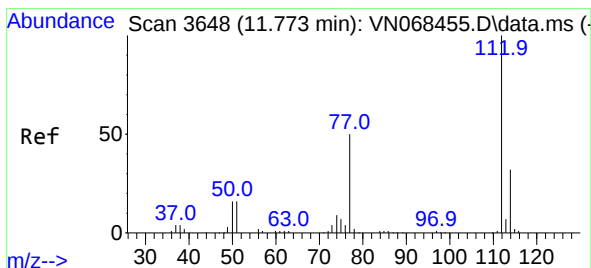
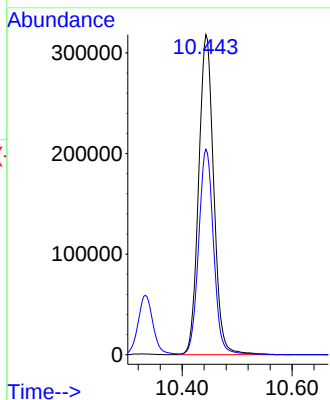
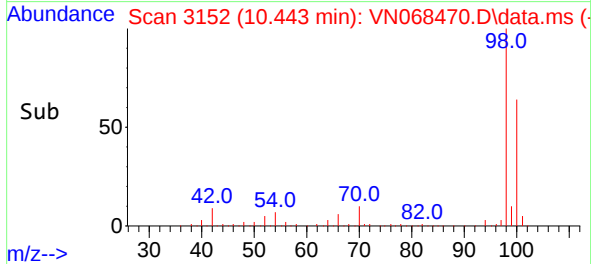
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



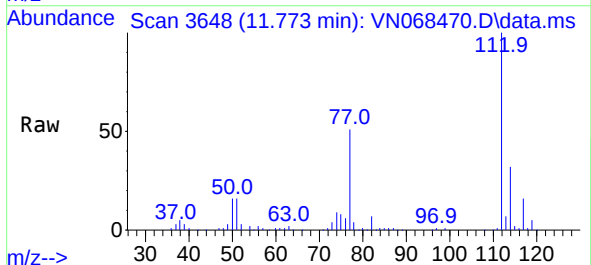
Tgt Ion: 98 Resp: 60506
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

Manual Integrations
APPROVED

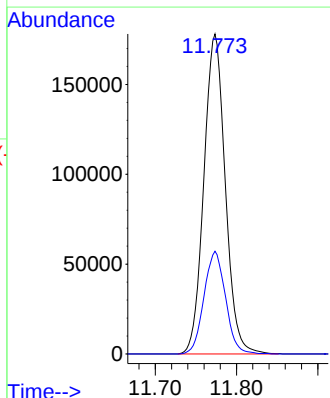
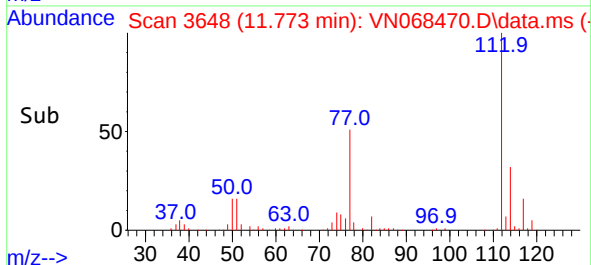
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

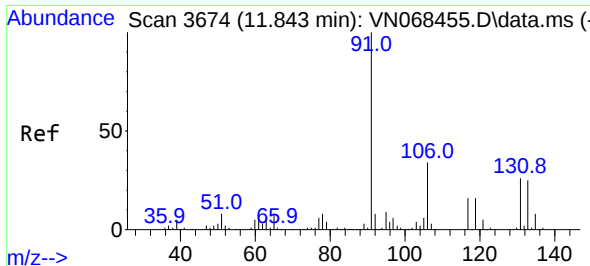


#64
Chlorobenzene
Concen: 20.806 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



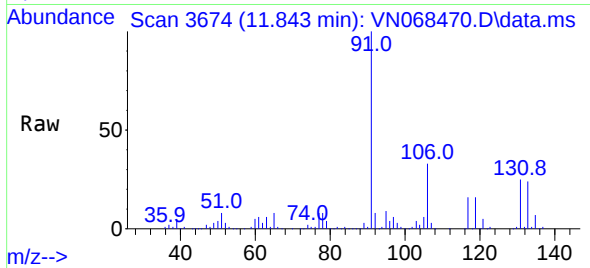
Tgt Ion:112 Resp: 325883
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 21.104 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

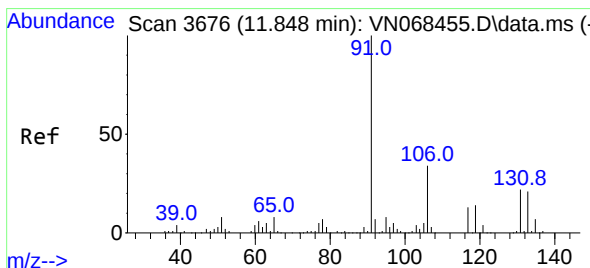
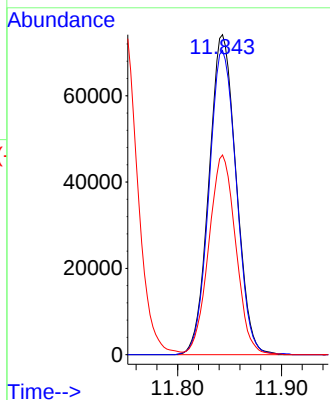
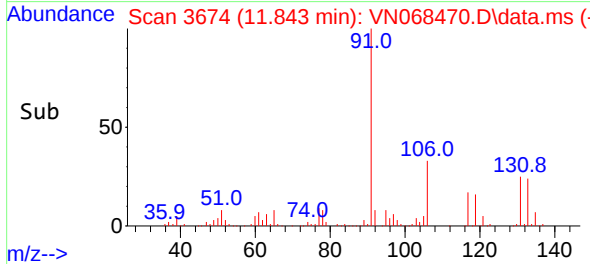
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



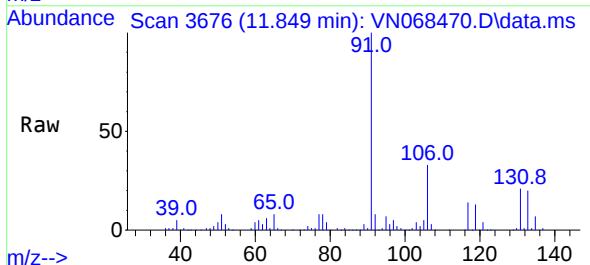
Tgt Ion:131 Resp: 13490
Ion Ratio Lower Upper
131 100
133 95.6 0.0 192.2
119 62.1 0.0 127.0

Manual Integrations
APPROVED

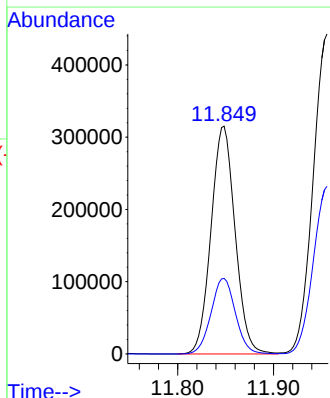
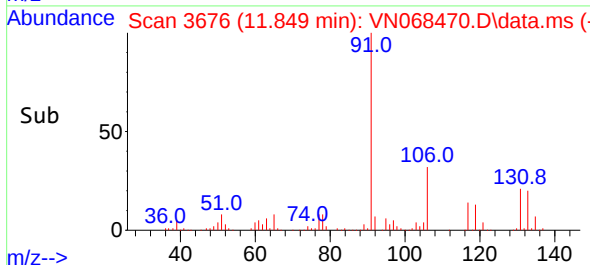
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

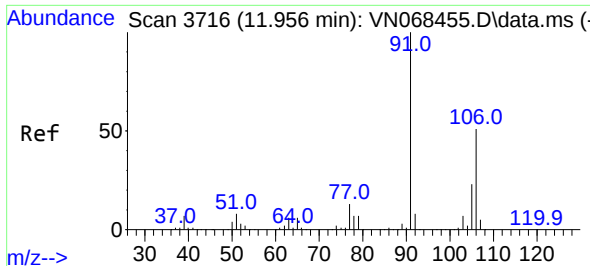


#66
Ethyl Benzene
Concen: 21.279 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



Tgt Ion: 91 Resp: 549209
Ion Ratio Lower Upper
91 100
106 33.2 27.2 40.8





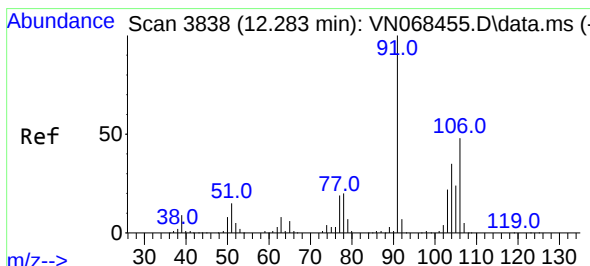
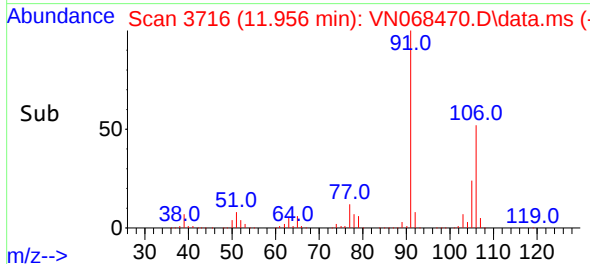
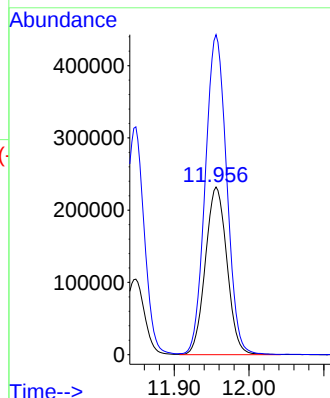
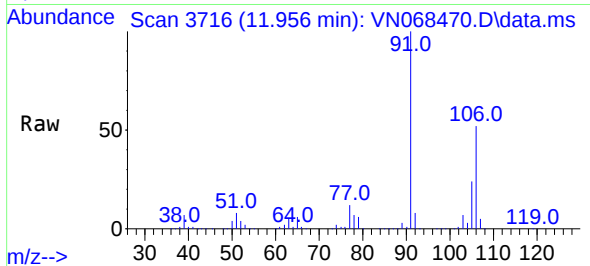
#67
m/p-Xylenes
Concen: 43.774 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion:106 Resp: 465709
Ion Ratio Lower Upper
106 100
91 189.4 152.7 229.1

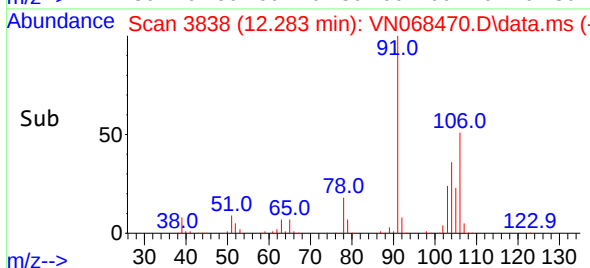
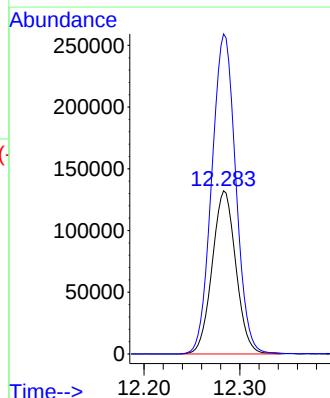
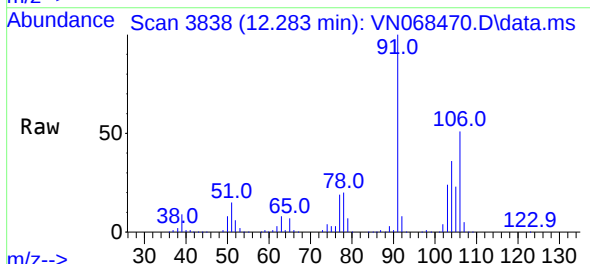
Manual Integrations
APPROVED

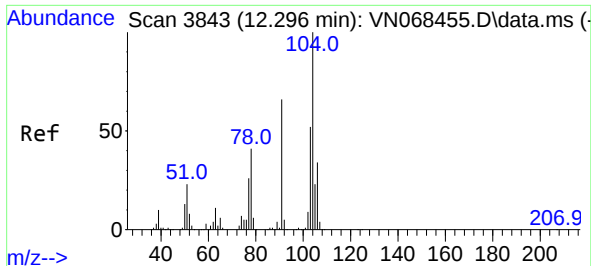
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#68
o-Xylene
Concen: 21.556 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

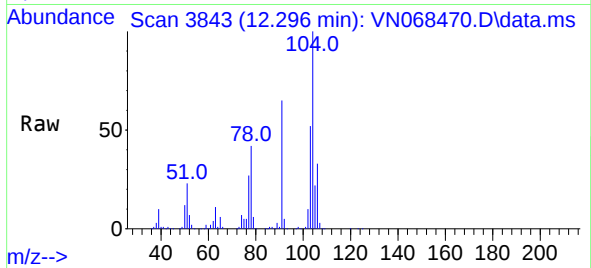
Tgt Ion:106 Resp: 226430
Ion Ratio Lower Upper
106 100
91 199.5 101.5 304.5





#69
Styrene
Concen: 21.331 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

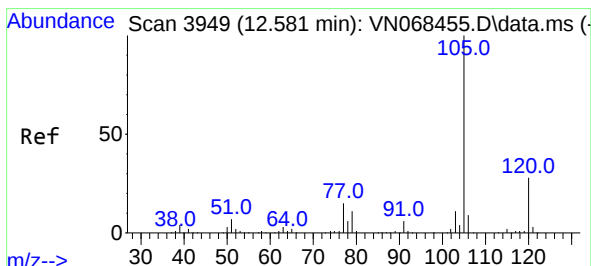
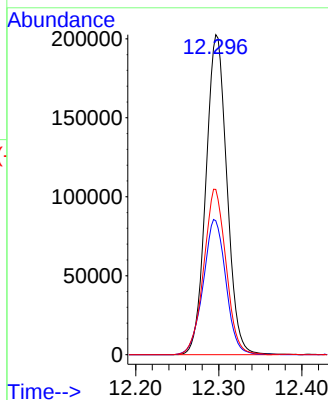
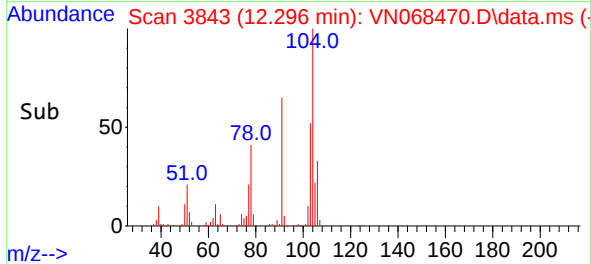
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



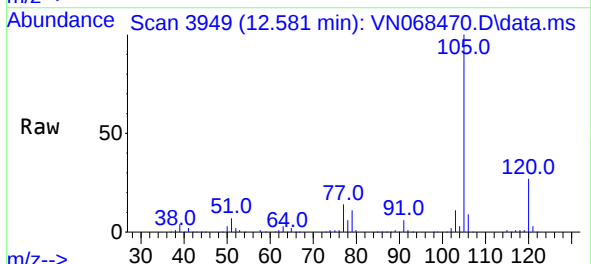
Tgt Ion:104 Resp: 355302
Ion Ratio Lower Upper
104 100
78 45.6 36.5 54.7
103 54.9 43.5 65.3

Manual Integrations
APPROVED

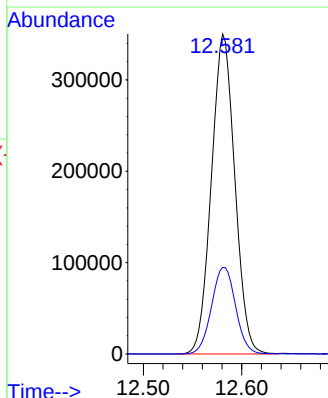
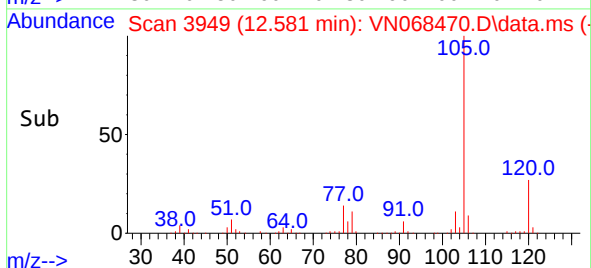
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

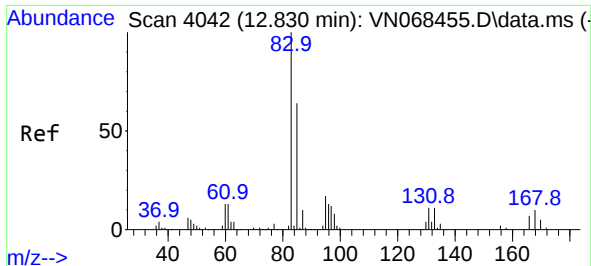


#70
Isopropylbenzene
Concen: 21.761 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



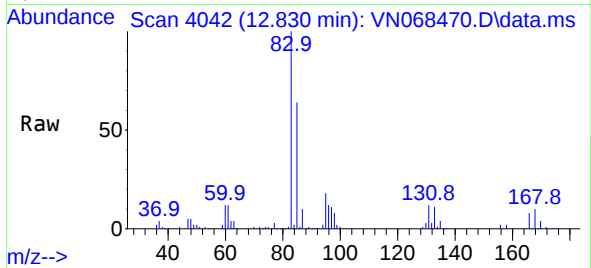
Tgt Ion:105 Resp: 580368
Ion Ratio Lower Upper
105 100
120 27.8 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 21.293 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

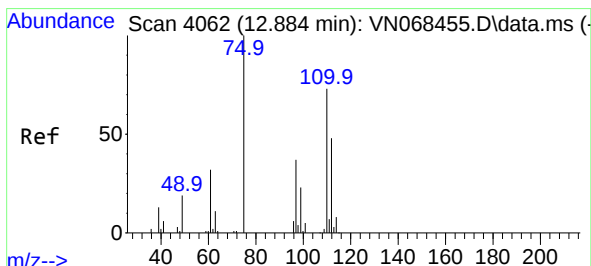
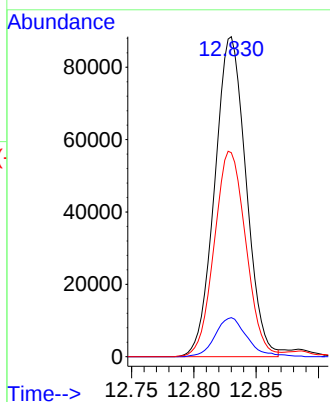
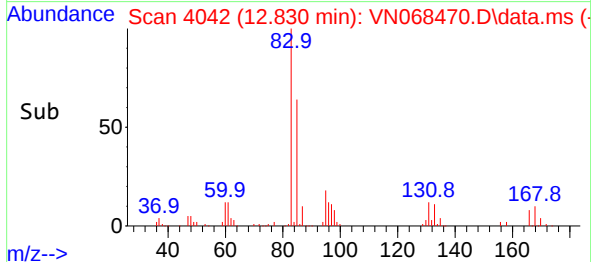
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



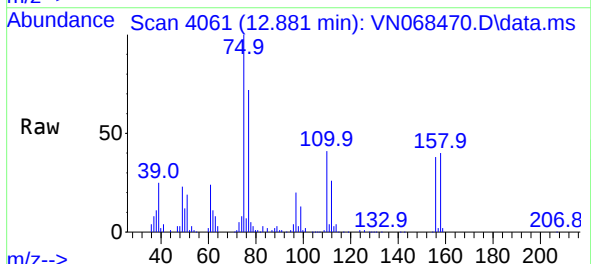
Tgt Ion: 83 Resp: 154570
Ion Ratio Lower Upper
83 100
131 12.4 5.9 17.7
85 64.9 31.9 95.9

Manual Integrations
APPROVED

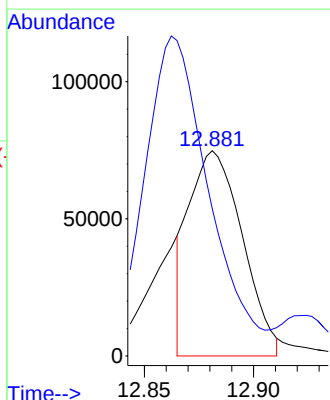
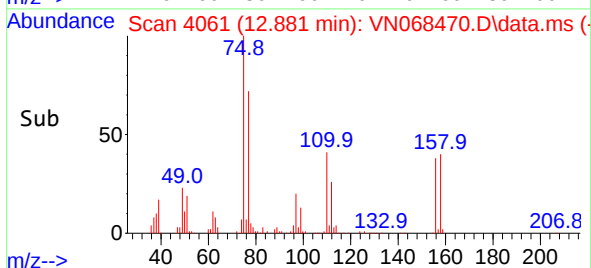
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

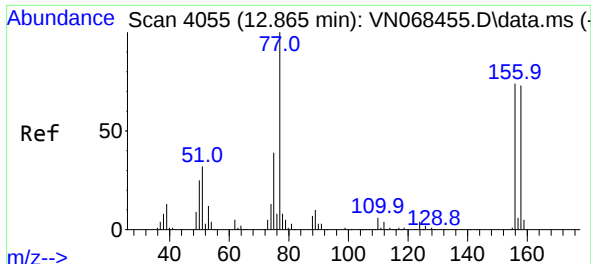


#72
1,2,3-Trichloropropane
Concen: 21.135 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



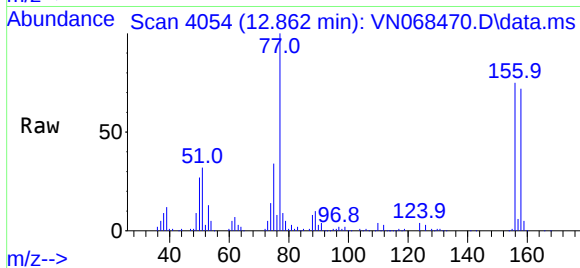
Tgt Ion: 75 Resp: 127729
Ion Ratio Lower Upper
75 100
77 187.8 0.0 357.6





#73
Bromobenzene
Concen: 20.660 ug/l
RT: 12.862 min Scan# 4055
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

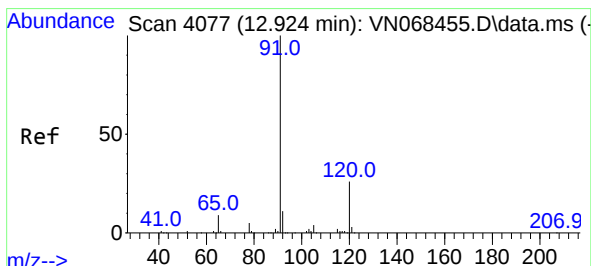
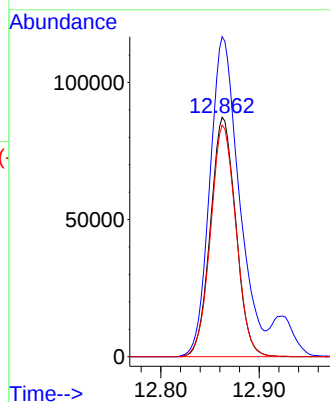
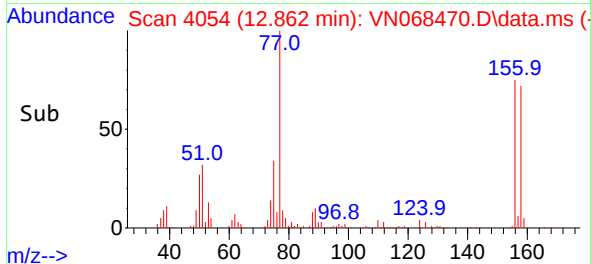
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



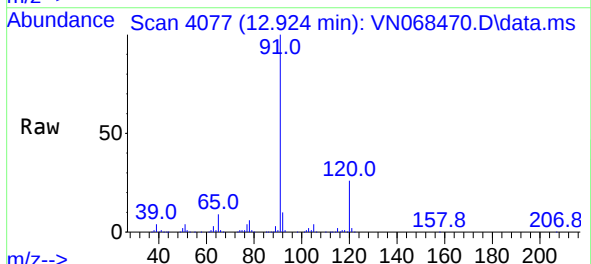
Tgt Ion:156 Resp: 156418
Ion Ratio Lower Upper
156 100
77 153.3 0.0 318.8
158 97.1 0.0 196.2

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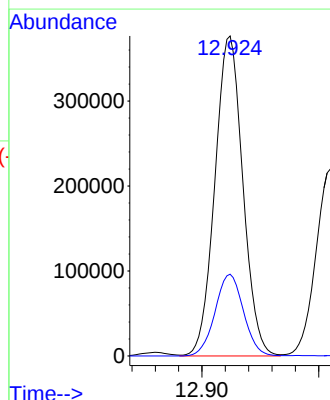
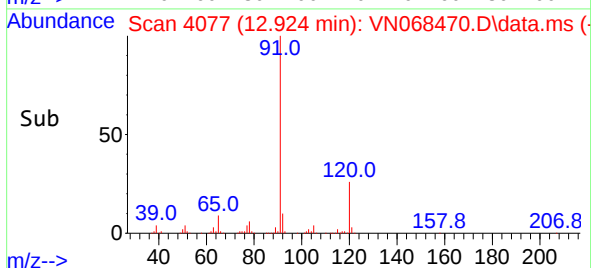
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

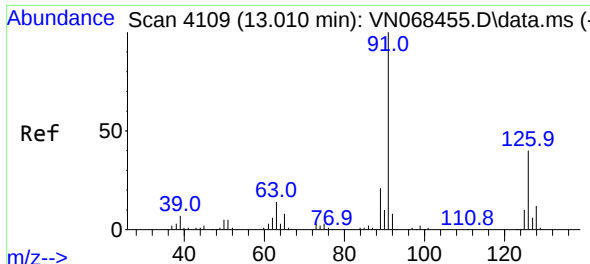


#74
n-propylbenzene
Concen: 21.742 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



Tgt Ion: 91 Resp: 625350
Ion Ratio Lower Upper
91 100
120 25.9 0.0 51.6





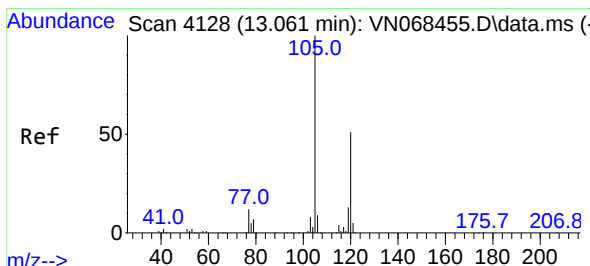
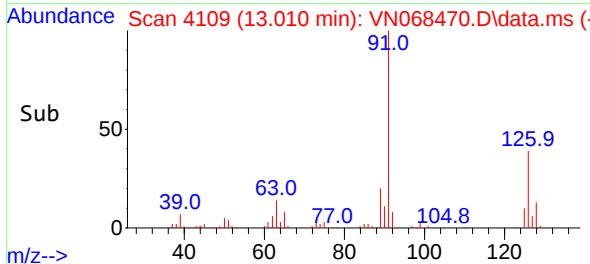
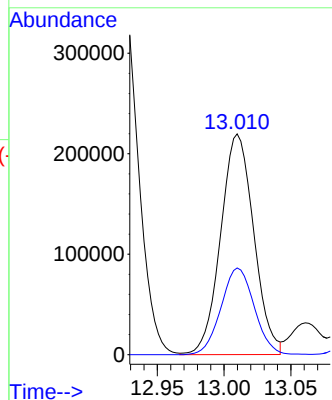
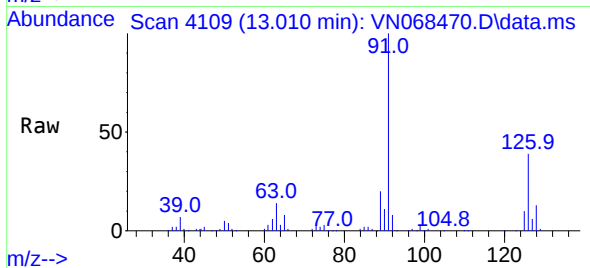
#75
2-Chlorotoluene
Concen: 21.898 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion: 91 Resp: 379050
Ion Ratio Lower Upper
91 100
126 39.5 0.0 77.2

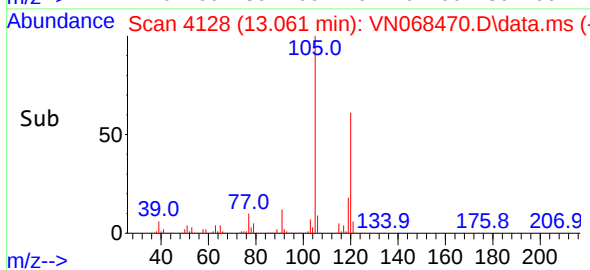
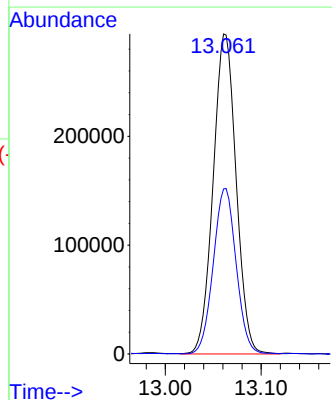
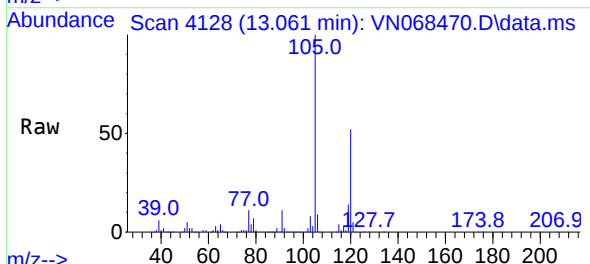
Manual Integrations
APPROVED

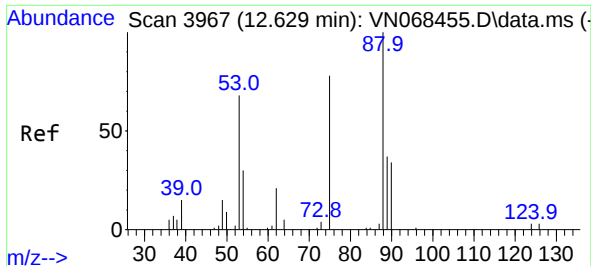
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#76
1,3,5-Trimethylbenzene
Concen: 21.958 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

Tgt Ion:105 Resp: 488949
Ion Ratio Lower Upper
105 100
120 51.4 0.0 103.4





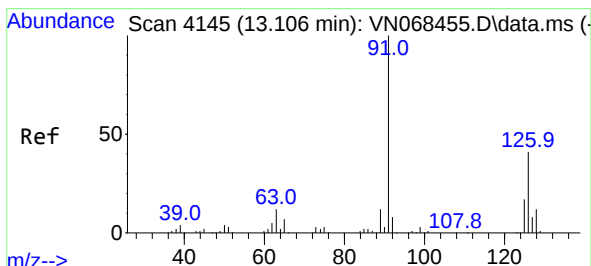
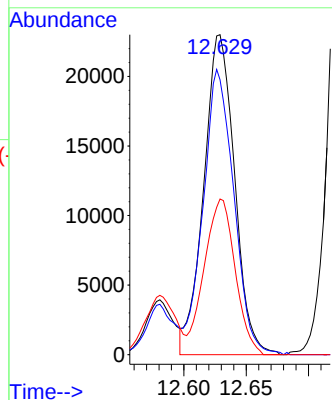
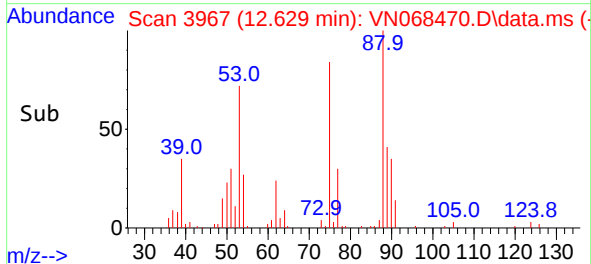
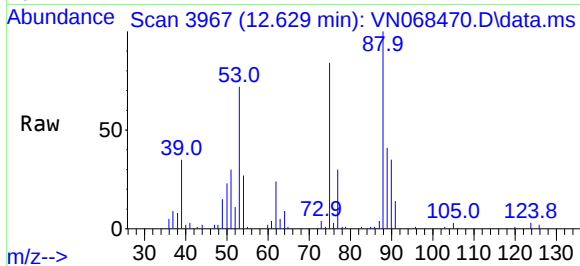
#77
t-1,4-Dichloro-2-butene
Concen: 19.863 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tgt Ion: 75 Resp: 3961
Ion Ratio Lower Upper
75 100
53 85.2 43.8 131.4
89 48.6 26.2 78.6

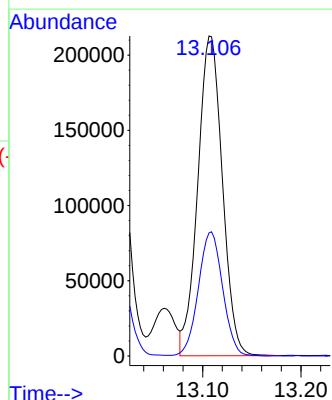
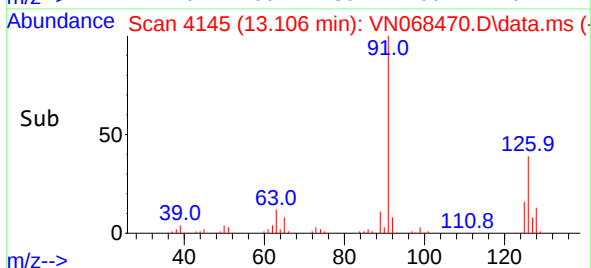
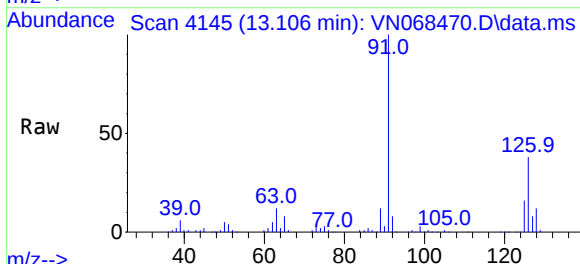
Manual Integrations
APPROVED

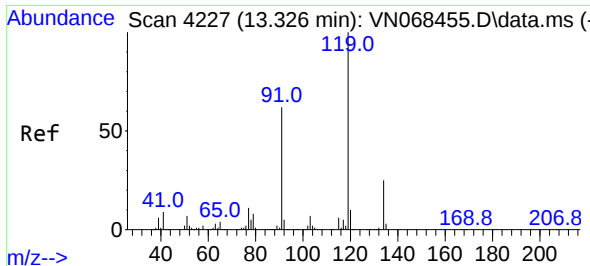
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#78
4-Chlorotoluene
Concen: 22.177 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

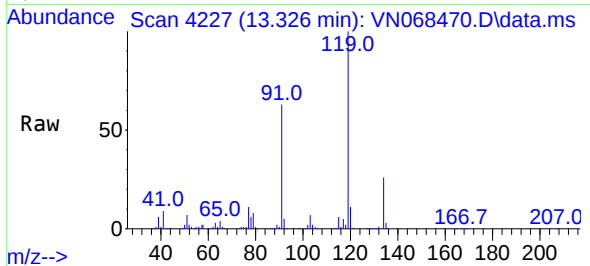
Tgt Ion: 91 Resp: 368397
Ion Ratio Lower Upper
91 100
126 38.4 0.0 77.8





#79
tert-butylbenzene
Concen: 21.522 ug/l
RT: 13.326 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

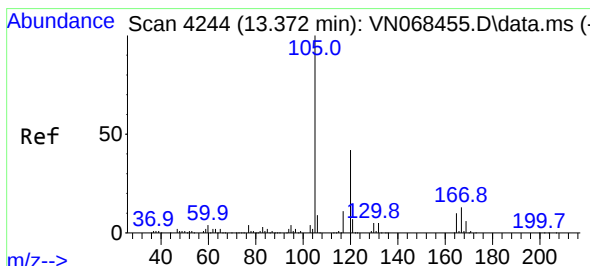
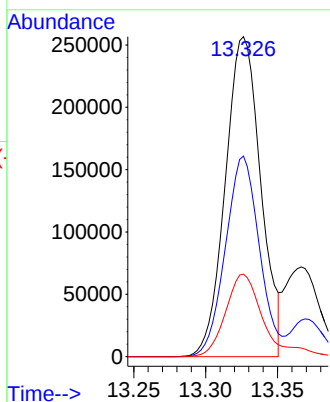
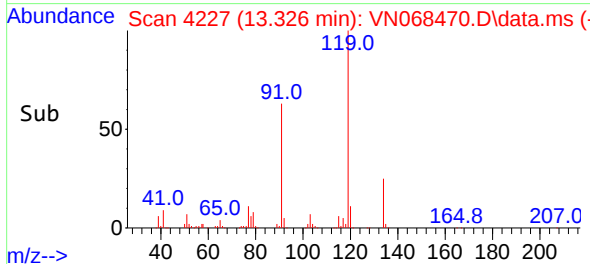
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



Tgt Ion:119 Resp: 440279
Ion Ratio Lower Upper
119 100
91 60.2 0.0 120.0
134 27.5 0.0 54.0

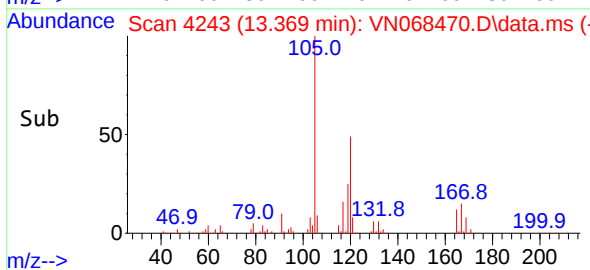
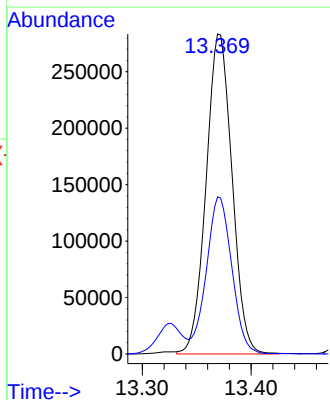
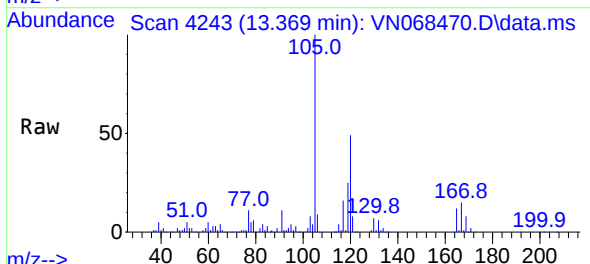
Manual Integrations
APPROVED

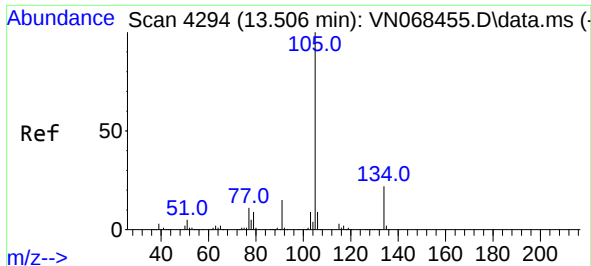
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021



#80
1,2,4-Trimethylbenzene
Concen: 21.787 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

Tgt Ion:105 Resp: 469338
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.4





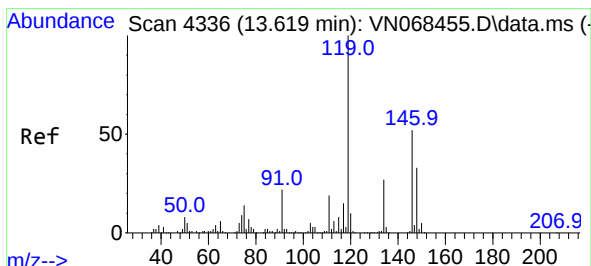
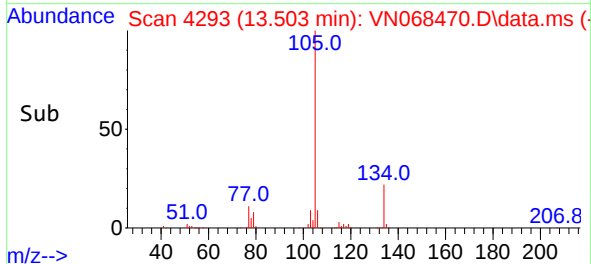
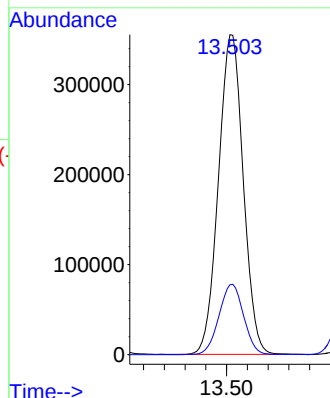
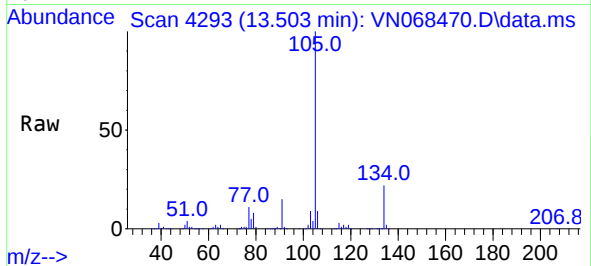
#81
 sec-Butylbenzene
 Concen: 21.753 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN068470.D
 Acq: 14 Sep 2021 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Tgt Ion:105 Resp: 588219
 Ion Ratio Lower Upper
 105 100
 134 22.0 0.0 43.8

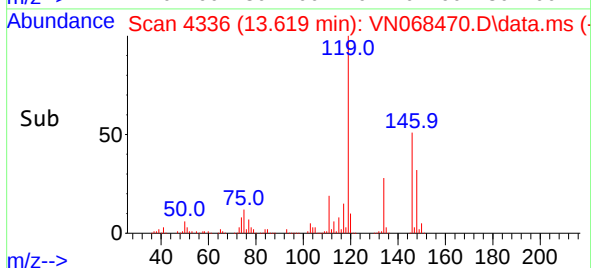
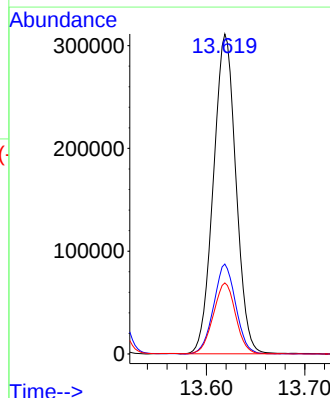
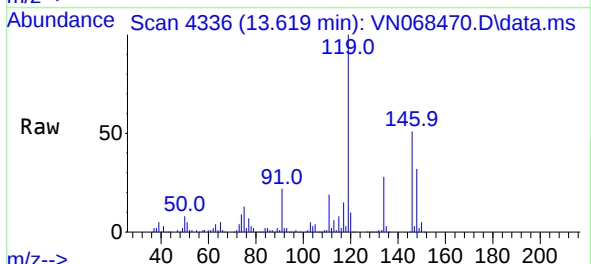
Manual Integrations
 APPROVED

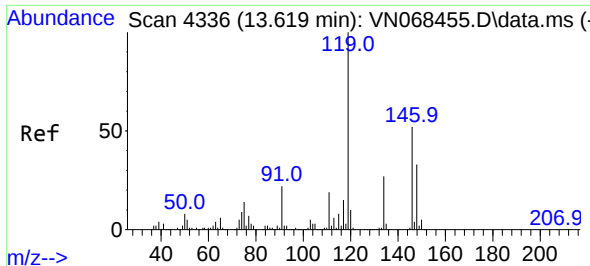
Reviewed By :John Carlone 09/15/2021
 Supervised By :Mahesh Dadoda 09/15/2021



#82
 p-Isopropyltoluene
 Concen: 21.348 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068470.D
 Acq: 14 Sep 2021 14:22

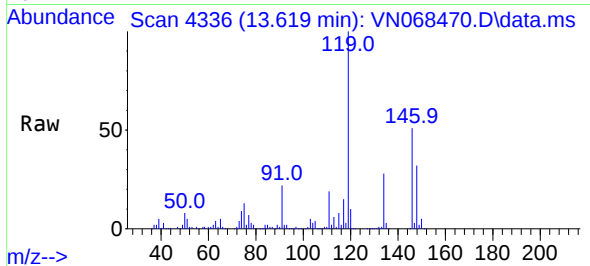
Tgt Ion:119 Resp: 495137
 Ion Ratio Lower Upper
 119 100
 134 27.6 0.0 55.4
 91 22.2 0.0 44.4





#83
1,3-Dichlorobenzene
Concen: 20.901 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

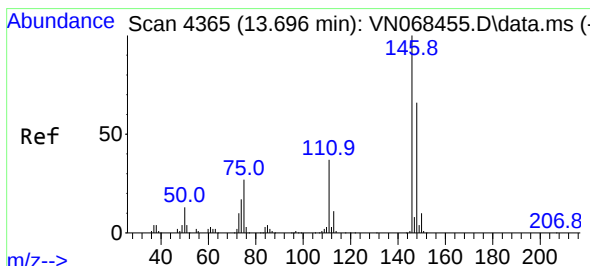
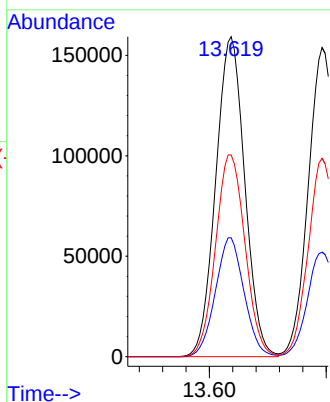
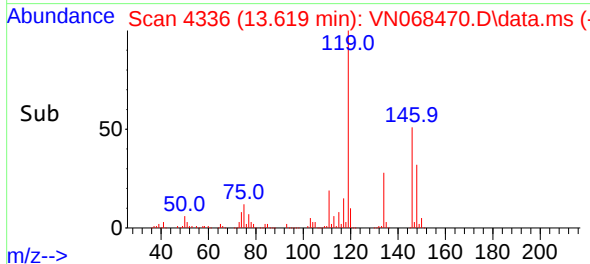
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



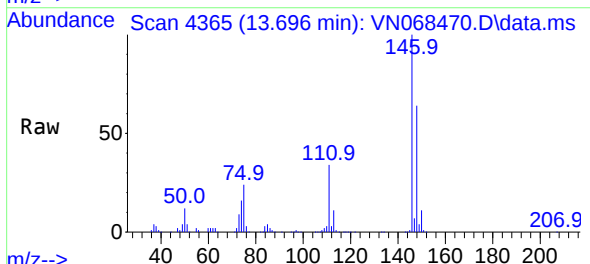
Tgt Ion:146 Resp: 275059
Ion Ratio Lower Upper
146 100
111 36.7 18.4 55.2
148 64.1 32.0 96.0

Manual Integrations
APPROVED

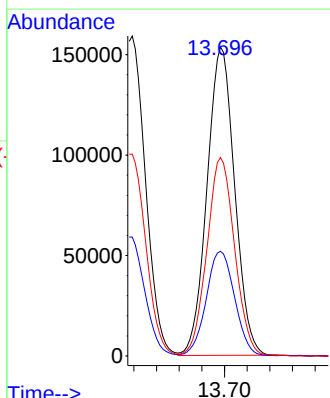
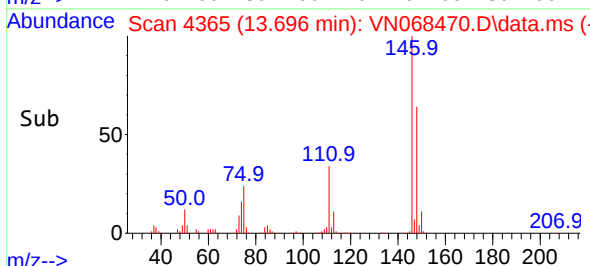
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

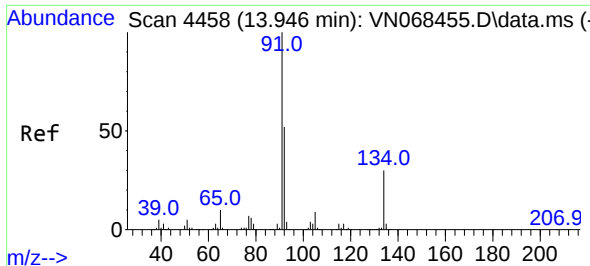


#84
1,4-Dichlorobenzene
Concen: 20.603 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



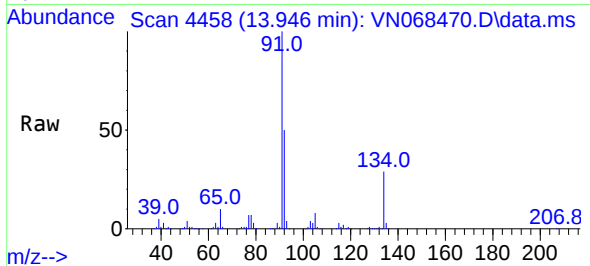
Tgt Ion:146 Resp: 259732
Ion Ratio Lower Upper
146 100
111 35.1 18.2 54.6
148 64.7 32.6 97.7





#85
n-Butylbenzene
Concen: 20.330 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

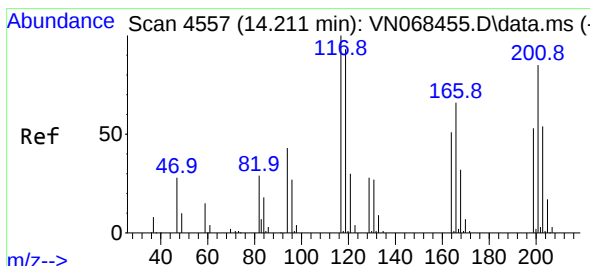
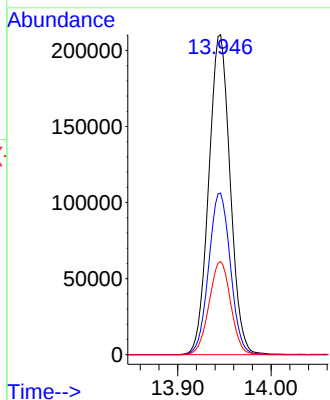
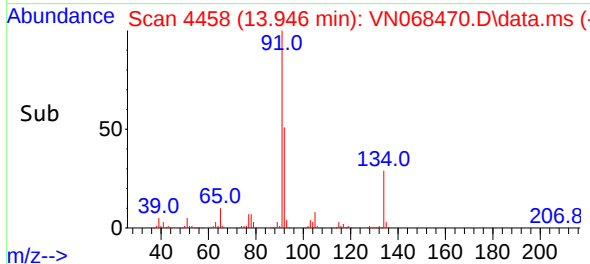
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



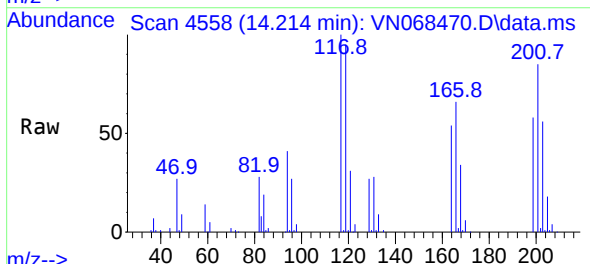
Tgt Ion: 91 Resp: 33538
Ion Ratio Lower Upper
91 100
92 51.2 0.0 102.4
134 29.5 0.0 58.8

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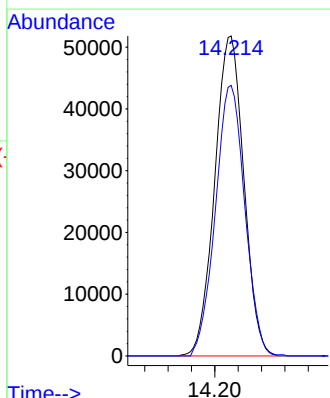
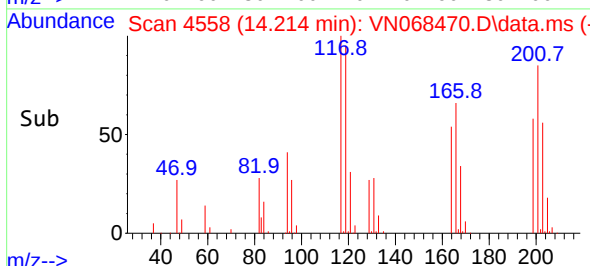
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

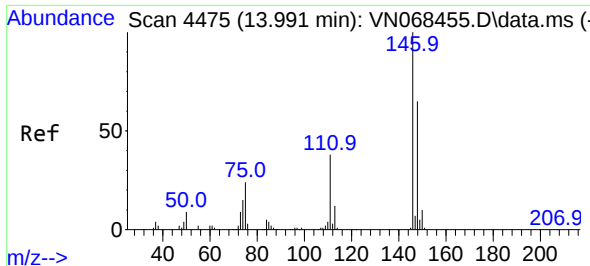


#86
Hexachloroethane
Concen: 21.053 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



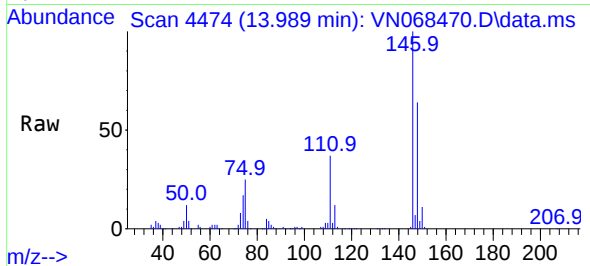
Tgt Ion:117 Resp: 89694
Ion Ratio Lower Upper
117 100
201 85.3 43.6 130.8





#87
1,2-Dichlorobenzene
Concen: 20.832 ug/l
RT: 13.989 min Scan# 4475
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

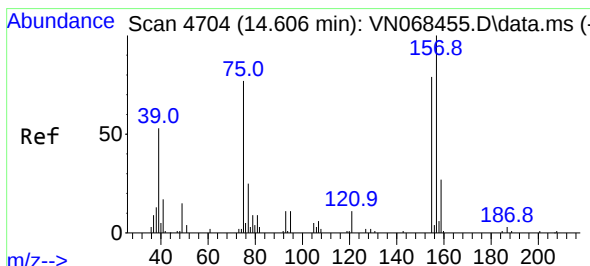
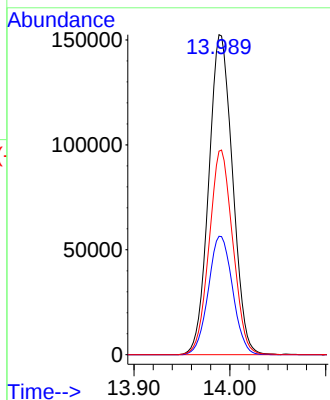
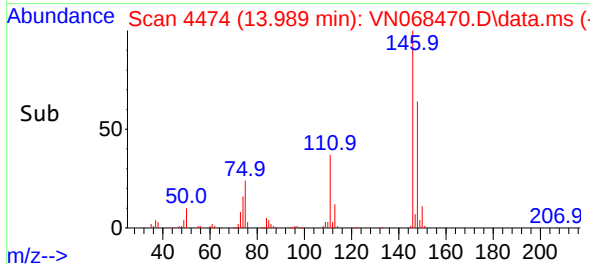
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



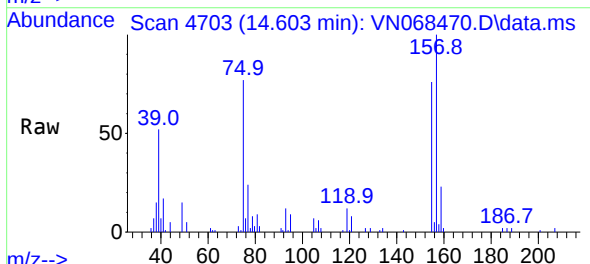
Tgt Ion:146 Resp: 263440
Ion Ratio Lower Upper
146 100
111 37.7 18.6 56.0
148 63.6 31.9 95.5

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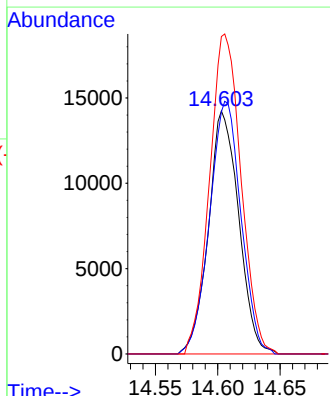
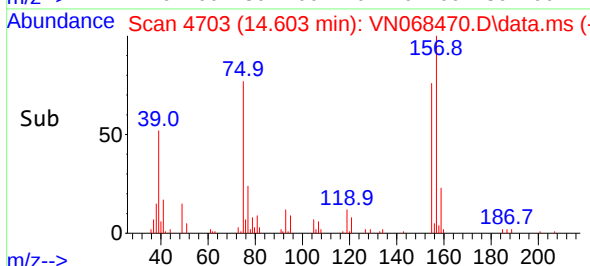
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

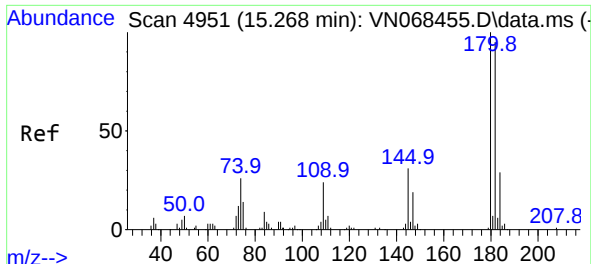


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.601 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



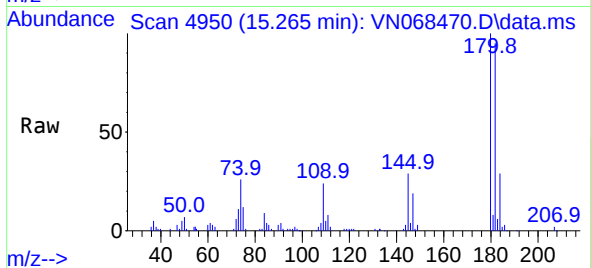
Tgt Ion: 75 Resp: 24062
Ion Ratio Lower Upper
75 100
155 107.7 83.3 124.9
157 136.9 104.9 157.3





#89
1,2,4-Trichlorobenzene
Concen: 17.424 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

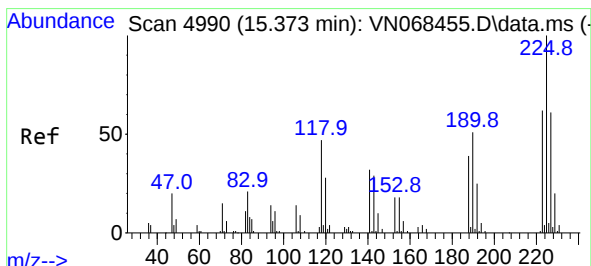
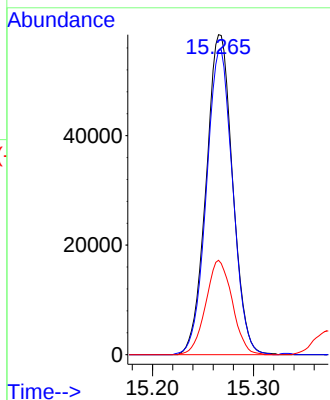
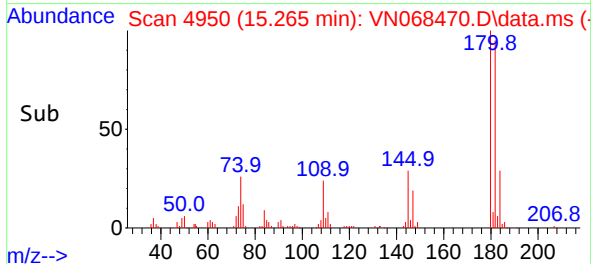
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



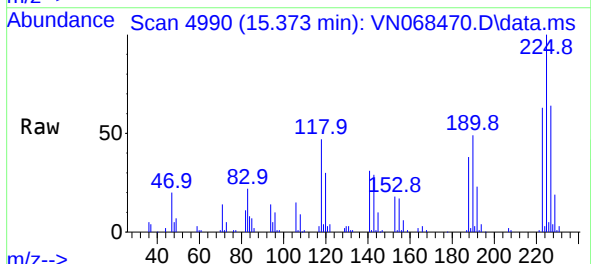
Tgt Ion:180 Resp: 106462
Ion Ratio Lower Upper
180 100
182 94.6 77.0 115.4
145 29.4 24.6 36.8

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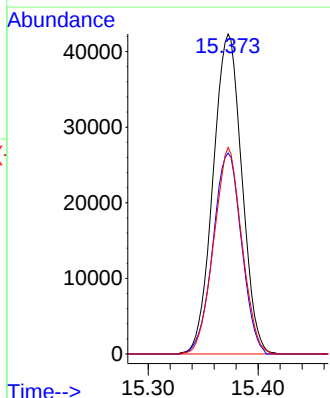
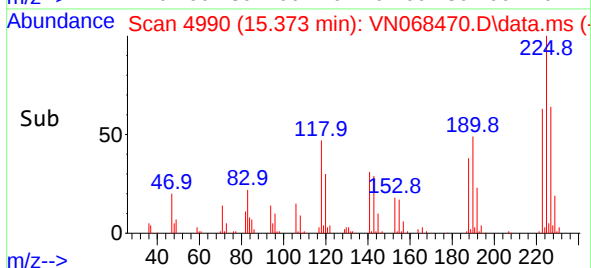
Reviewed By :John Carlone 09/15/2021
Supervised By :Mahesh Dadoda 09/15/2021

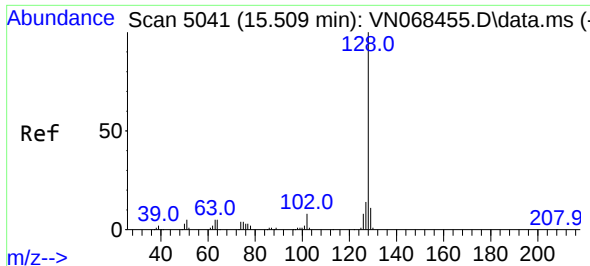


#90
Hexachlorobutadiene
Concen: 19.913 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



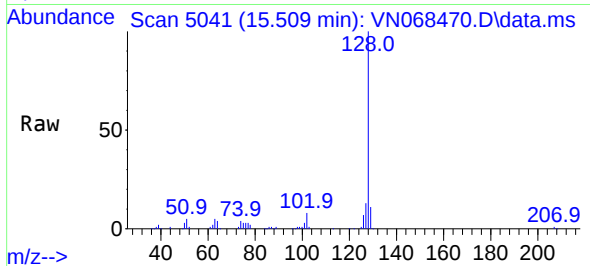
Tgt Ion:225 Resp: 76949
Ion Ratio Lower Upper
225 100
223 62.4 0.0 128.4
227 62.8 0.0 127.8





#91
Naphthalene
Concen: 15.054 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22

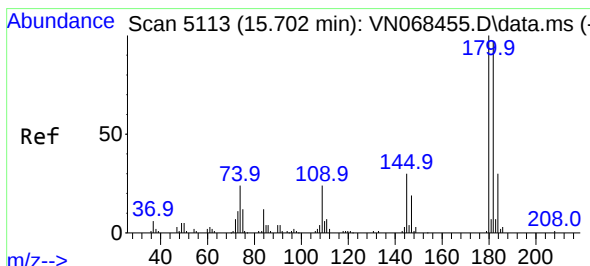
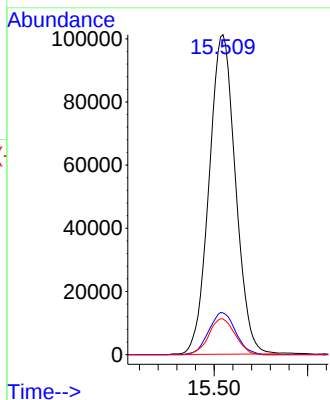
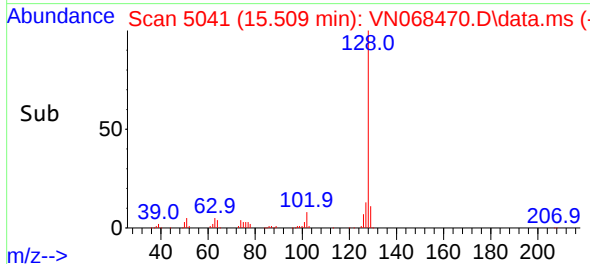
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01



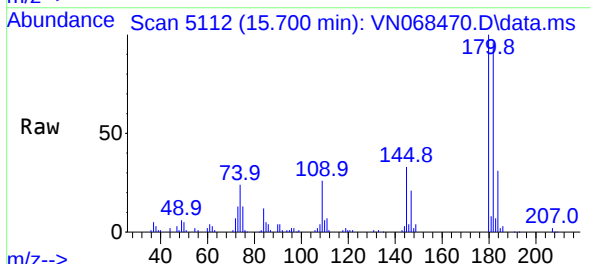
Tgt Ion:128 Resp: 198420
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.3 8.8 13.2

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



#92
1,2,3-Trichlorobenzene
Concen: 17.029 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN068470.D
Acq: 14 Sep 2021 14:22



Tgt Ion:180 Resp: 97986
Ion Ratio Lower Upper
180 100
182 95.6 0.0 191.2
145 32.2 0.0 61.8

