

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053122\
 Data File : VN072654.D
 Acq On : 31 May 2022 16:53
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jun 01 02:41:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
 Response via : Initial Calibration

06/01/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	7.651	128	22321	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	125310	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	129934	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	71374	33.417	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.400%#			
60) 4-Bromofluorobenzene	12.727	95	69721	30.554	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.833%			
63) Toluene-d8	10.439	98	214289	29.005	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.667%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	35624	23.356	ug/l	96
3) Chloromethane	2.293	50	46760	22.863	ug/l	97
4) Vinyl Chloride	2.434	62	36573	21.388	ug/l	99
5) Bromomethane	2.840	94	16111	19.376	ug/l	97
6) Chloroethane	3.004	64	23255	21.737	ug/l	93
7) Trichlorofluoromethane	3.363	101	51704	21.100	ug/l	96
8) Diethyl Ether	3.822	74	24243	23.579	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.193	101	15905	11.619	ug/l #	1
10) 1,1-Dichloroethene	4.175	96	31728	23.604	ug/l	84
11) Methyl Iodide	4.416	142	28005	21.761	ug/l	86
12) Methyl Acetate	4.846	43	64197	24.336	ug/l #	88
13) Acrolein	4.040	56	35462	117.382	ug/l	96
14) Acrylonitrile	5.545	53	137886	121.345	ug/l	98
15) Acetone	4.281	58	36794	125.784	ug/l	97
16) Carbon Disulfide	4.528	76	89959	24.400	ug/l	98
17) Allyl chloride	4.834	41	68371	24.482	ug/l	75
18) Methylene Chloride	5.087	84	42677	24.150	ug/l	92
19) trans-1,2-Dichloroethene	5.581	96	16740	11.386	ug/l	96
20) Diisopropyl ether	6.487	45	145196	22.676	ug/l #	89
21) 1,1-Dichloroethane	6.375	63	72659	22.293	ug/l	99
22) cis-1,2-Dichloroethene	7.316	96	39756	21.291	ug/l #	82
23) tert-Butyl Alcohol	5.357	59	41030	107.574	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	120048	23.247	ug/l	94
25) Chloroform	7.810	83	73801	22.287	ug/l	94
26) Cyclohexane	8.092	56	63555	20.675	ug/l #	87
29) 1,1-Dichloropropene	8.210	75	50209	21.187	ug/l	96
30) 2-Butanone	7.328	43	190257	119.224	ug/l	93
31) 2,2-Dichloropropane	7.322	77	51265	21.359	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	56561	21.514	ug/l	95
33) Carbon Tetrachloride	8.198	117	48633	20.834	ug/l	99
34) Benzene	8.457	78	171929	23.079	ug/l	97
35) Methacrylonitrile	7.634	41	40504	24.884	ug/l	86
36) 1,2-Dichloroethane	8.522	62	58878	24.323	ug/l	96
37) Trichloroethene	9.216	130	36993	20.864	ug/l	99
38) Methylcyclohexane	9.457	83	64349	21.985	ug/l	92
39) 1,2-Dichloropropane	9.486	63	45964	23.137	ug/l	93
40) Dibromomethane	9.575	93	28113	22.317	ug/l	96
41) Bromodichloromethane	9.757	83	56533	22.388	ug/l	93
42) Vinyl Acetate	6.428	43	618175	118.691	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	78224	25.562	ug/l	95
44) Isopropyl Acetate	8.551	43	112105	23.511	ug/l	98
45) 1,4-Dioxane	9.563	88	19183	479.848	ug/l #	87
46) Methyl methacrylate	9.557	41	51013	22.708	ug/l	79
47) n-amyl Acetate	12.386	43	84452	24.310	ug/l	100
48) t-1,3-Dichloropropene	10.716	75	61705	22.623	ug/l	92
49) cis-1,3-Dichloropropene	10.186	75	63080	20.990	ug/l	96
50) 1,1,2-Trichloroethane	10.898	97	40242	21.730	ug/l	98
51) Ethyl methacrylate	10.757	69	67238	21.534	ug/l	85
52) 1,3-Dichloropropane	11.039	76	74148	22.706	ug/l	99
53) Dibromochloromethane	11.233	129	43201	22.691	ug/l	99
54) 1,2-Dibromoethane	11.339	107	44350	23.323	ug/l	98
55) 2-Chloroethyl vinyl ether	10.039	63	156645	114.688	ug/l	98
56) Bromoform	12.457	173	33927	24.684	ug/l #	99
58) 4-Methyl-2-Pentanone	10.328	43	383132	102.083	ug/l #	97
59) 2-Hexanone	11.080	43	297923	111.305	ug/l	99
61) Tetrachloroethene	10.975	164	32449	18.870	ug/l	90
62) Toluene	10.504	91	189005	20.720	ug/l	99
64) Chlorobenzene	11.769	112	110888	20.921	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.839	131	44150	21.153	ug/l	95
66) Ethyl Benzene	11.839	91	202602	20.135	ug/l	100
67) m/p-Xylenes	11.945	106	155692	42.571	ug/l	99
68) o-Xylene	12.274	106	74012	20.341	ug/l	99
69) Styrene	12.292	104	122199	21.197	ug/l	96
70) Isopropylbenzene	12.574	105	197531	21.248	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.821	83	71251	22.325	ug/l	96
72) 1,2,3-Trichloropropane	12.874	75	54051m	20.070	ug/l	
73) Bromobenzene	12.857	156	44299	21.692	ug/l	93
74) n-propylbenzene	12.916	91	227365	21.630	ug/l	99
75) 2-Chlorotoluene	13.004	91	135849	21.308	ug/l	96
76) 1,3,5-Trimethylbenzene	13.057	105	158153	21.557	ug/l	96
77) t-1,4-Dichloro-2-butene	12.621	75	22251	21.142	ug/l	92
78) 4-Chlorotoluene	13.098	91	127183	21.911	ug/l	95
79) tert-butylbenzene	13.321	119	138377	21.554	ug/l	96
80) 1,2,4-Trimethylbenzene	13.363	105	153973m	21.746	ug/l	
81) sec-Butylbenzene	13.498	105	197161	21.228	ug/l	99
82) p-Isopropyltoluene	13.610	119	155360	21.577	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	73571	20.757	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	71361	20.724	ug/l	98
85) n-Butylbenzene	13.939	91	123633	20.896	ug/l	98
86) Hexachloroethane	14.204	117	32106	22.389	ug/l	93
87) 1,2-Dichlorobenzene	13.986	146	75165	21.471	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	14043	22.648	ug/l	98
89) 1,2,4-Trichlorobenzene	15.257	180	36939	21.386	ug/l	98
90) Hexachlorobutadiene	15.363	225	19053	21.995	ug/l	97
91) Naphthalene	15.504	128	125238	20.662	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	38553	21.863	ug/l	97

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

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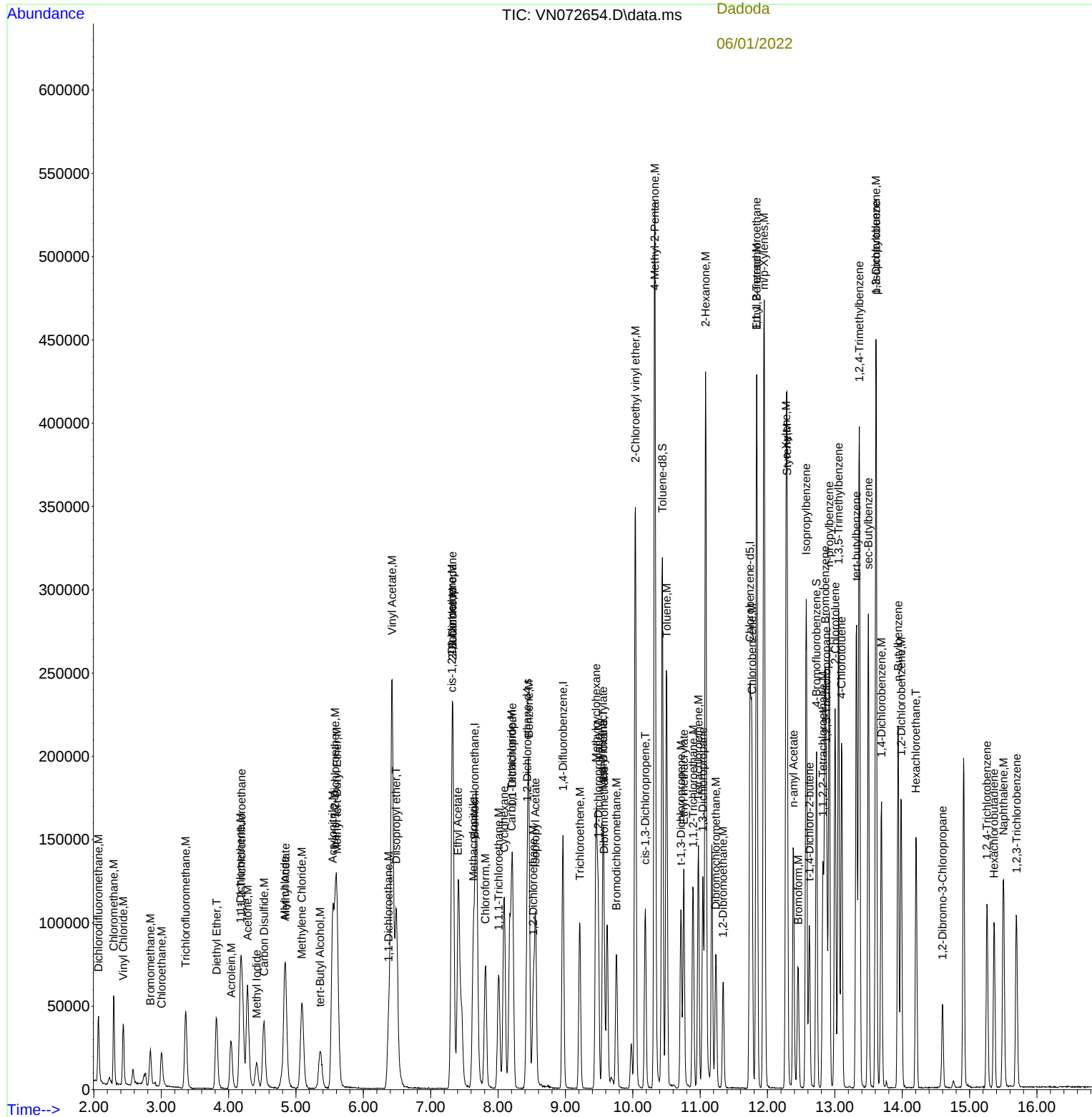
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

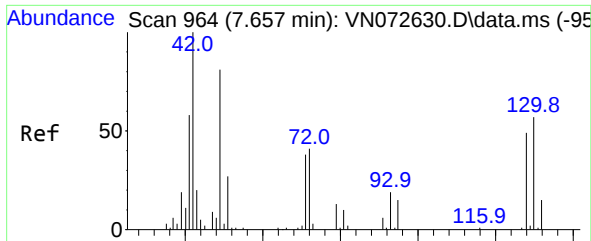
Manual Integrations APPROVED

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 Carlone

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 Supervised By :Mahesh
 Dadoda

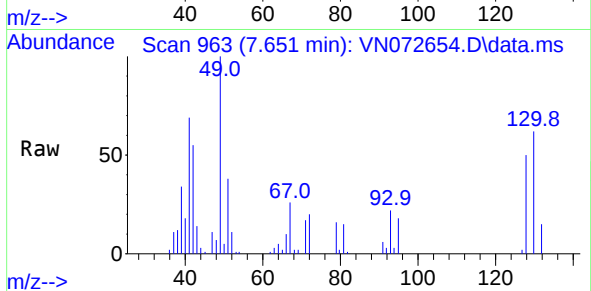
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



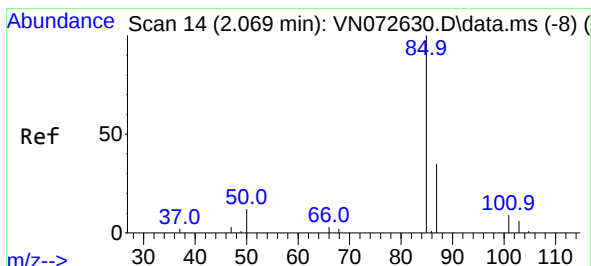
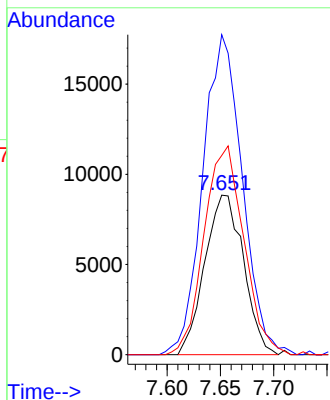
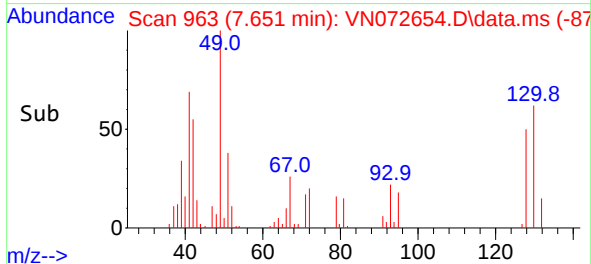
Tgt Ion:128 Resp: 2232
Ion Ratio Lower Upper
128 100
49 204.7 0.0 392.3
130 134.8 0.0 320.2

Manual Integrations
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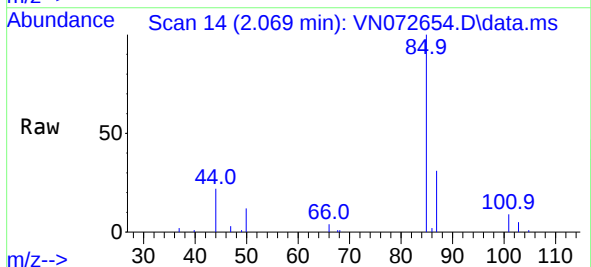
Reviewed By :John
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Supervised By :Mahesh
Dadoda

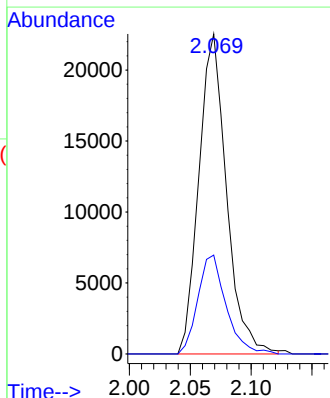
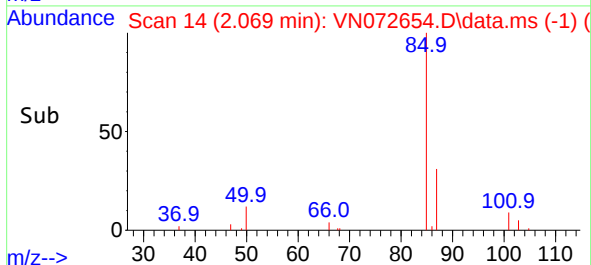
06/01/2022



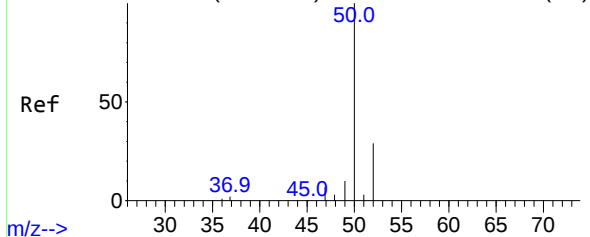
#2
Dichlorodifluoromethane
Concen: 23.356 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53



Tgt Ion: 85 Resp: 35624
Ion Ratio Lower Upper
85 100
87 30.9 16.6 49.7



Abundance Scan 53 (2.298 min): VN072630.D\data.ms (-47)



#3

Chloromethane

Concen: 22.863 ug/l

RT: 2.293 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN072654.D

Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 50 Resp: 46760

Ion Ratio Lower Upper

50 100

52 33.0 27.8 41.6

Manual Integrations

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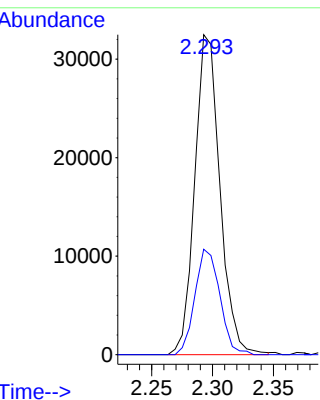
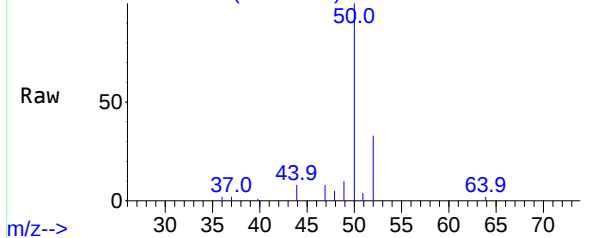
Reviewed By :John
Carlone

06/01/2022

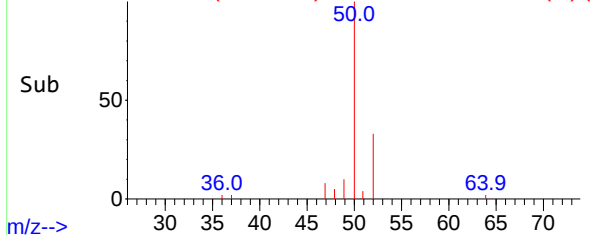
Supervised By :Mahesh
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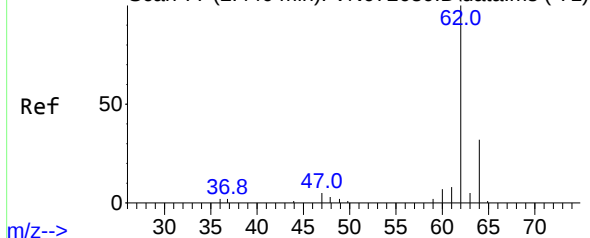
Abundance Scan 52 (2.293 min): VN072654.D\data.ms



Abundance Scan 52 (2.293 min): VN072654.D\data.ms (-1)



Abundance Scan 77 (2.440 min): VN072630.D\data.ms (-71)



#4

Vinyl Chloride

Concen: 21.388 ug/l

RT: 2.434 min Scan# 76

Delta R.T. -0.006 min

Lab File: VN072654.D

Acq: 31 May 2022 16:53

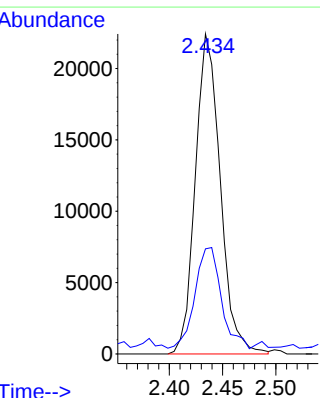
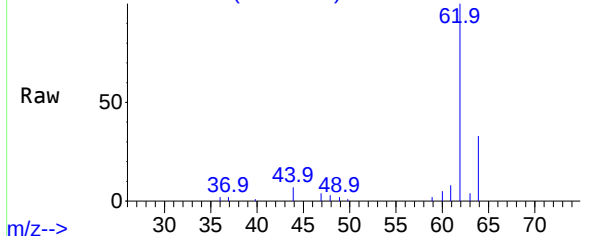
Tgt Ion: 62 Resp: 36573

Ion Ratio Lower Upper

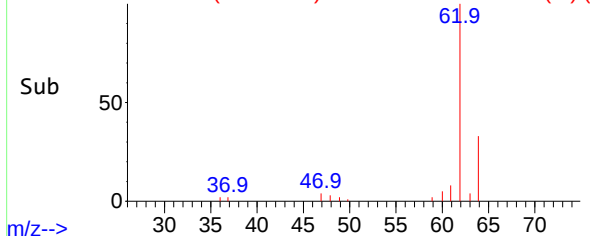
62 100

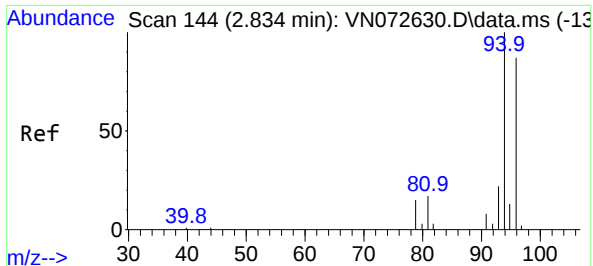
64 31.0 25.1 37.7

Abundance Scan 76 (2.434 min): VN072654.D\data.ms



Abundance Scan 76 (2.434 min): VN072654.D\data.ms (-1)





#5
Bromomethane
Concen: 19.376 ug/l
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
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ClientSampleId :
VSTDCCC020EC

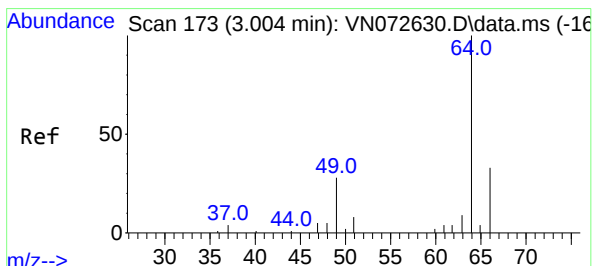
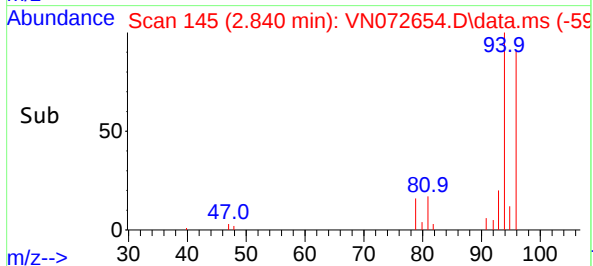
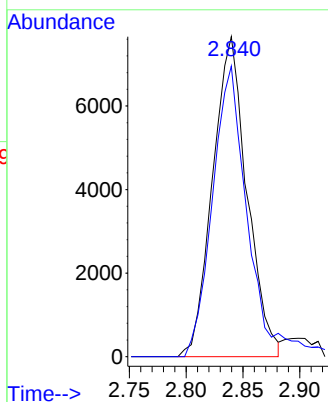
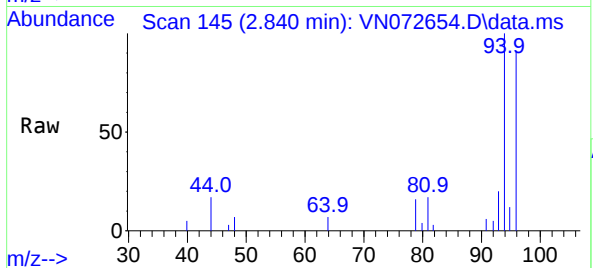
Tgt Ion: 94 Resp: 1611
Ion Ratio Lower Upper
94 100
96 90.8 75.2 112.8

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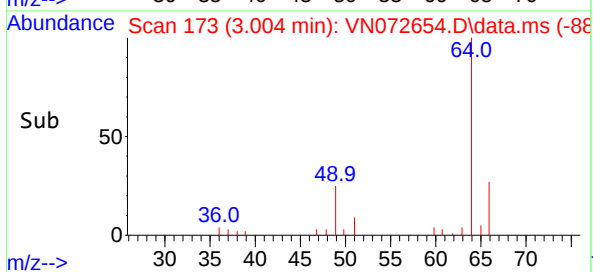
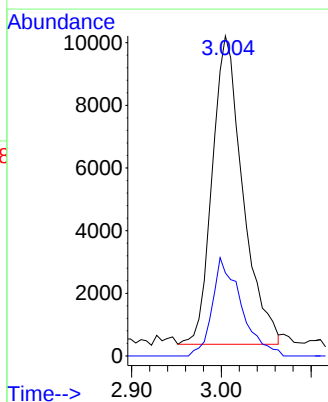
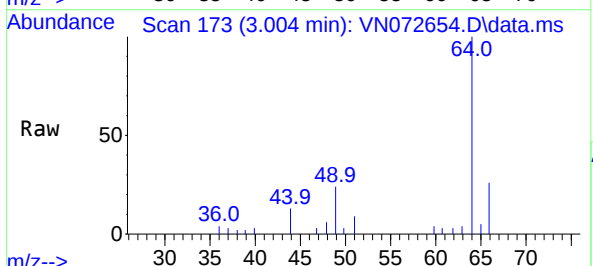
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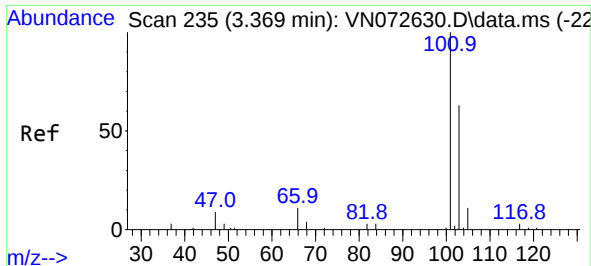
06/01/2022



#6
Chloroethane
Concen: 21.737 ug/l
RT: 3.004 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN072654.D
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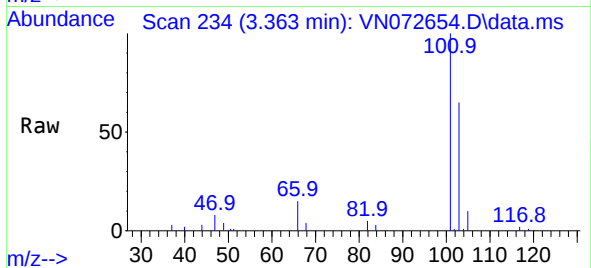
Tgt Ion: 64 Resp: 23255
Ion Ratio Lower Upper
64 100
66 26.9 24.6 36.8





#7
Trichlorofluoromethane
Concen: 21.100 ug/l
RT: 3.363 min Scan# 211
Delta R.T. -0.006 min
Lab File: VN072654.D
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Instrument :
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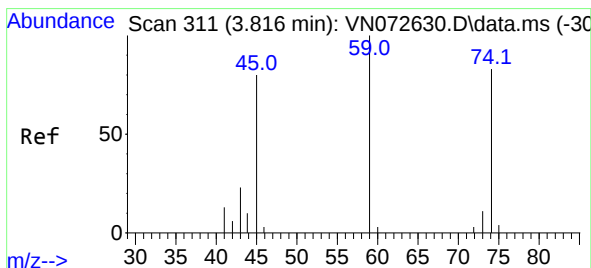
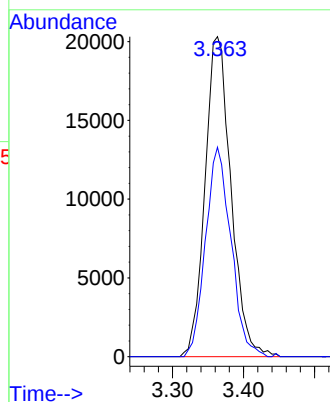
Tgt Ion:101 Resp: 51704
Ion Ratio Lower Upper
101 100
103 65.5 50.1 75.1

Manual Integrations
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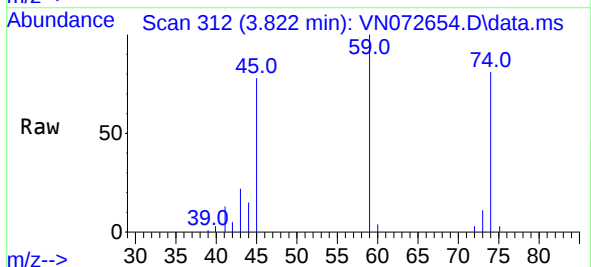
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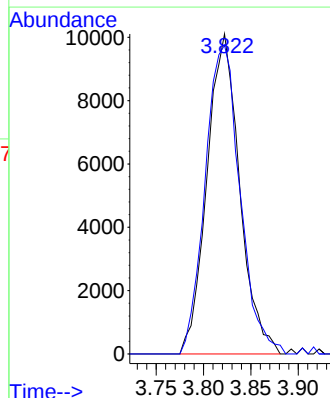
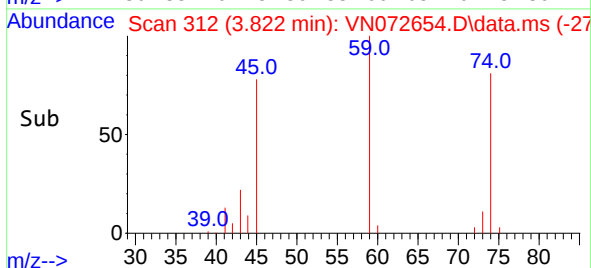
06/01/2022

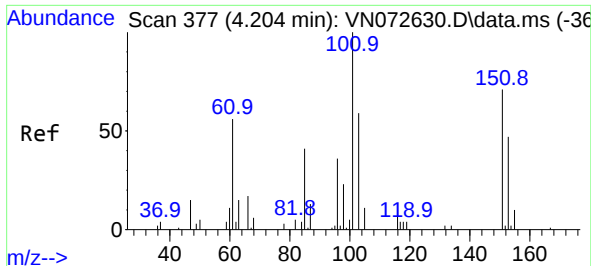


#8
Diethyl Ether
Concen: 23.579 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53



Tgt Ion: 74 Resp: 24243
Ion Ratio Lower Upper
74 100
45 102.9 17.6 158.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.619 ug/l
RT: 4.193 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN072654.D
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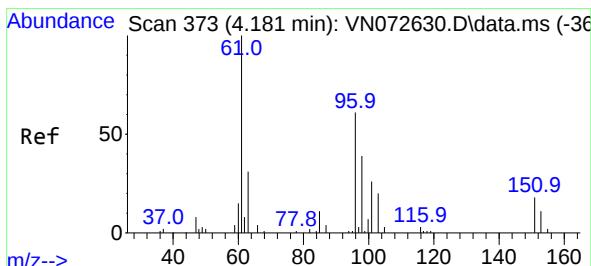
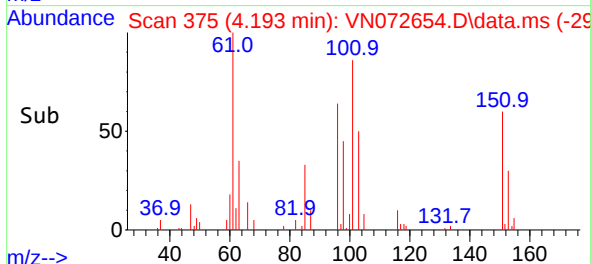
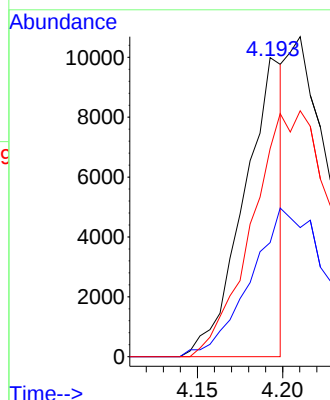
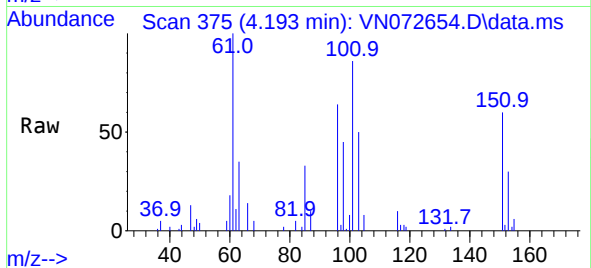
Tgt Ion:101 Resp: 1590
Ion Ratio Lower Upper
101 100
85 63.5 0.0 94.0
151 169.0 0.0 74.6

Manual Integrations
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Reviewed By :John
Carlone

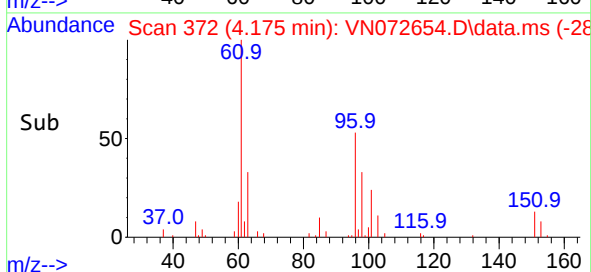
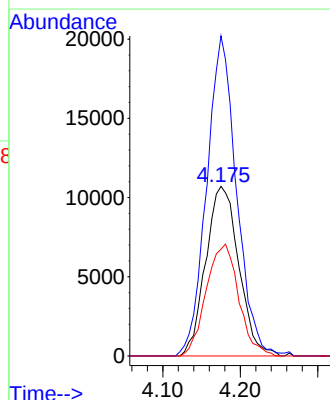
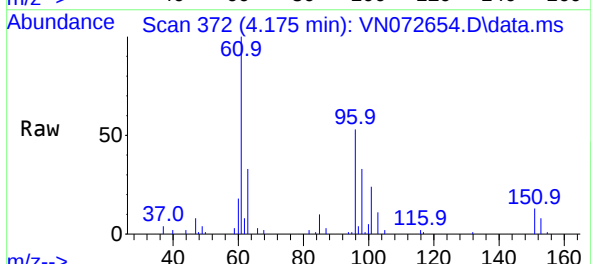
06/01/2022
Supervised By :Mahesh
Dadoda

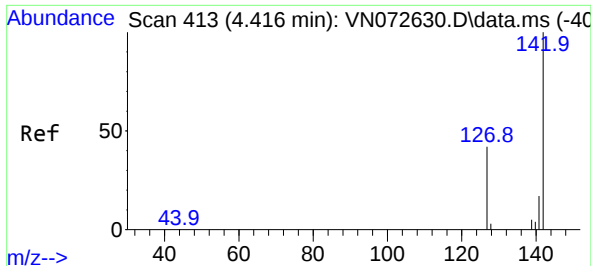
06/01/2022



#10
1,1-Dichloroethene
Concen: 23.604 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Tgt Ion: 96 Resp: 31728
Ion Ratio Lower Upper
96 100
61 187.0 126.2 189.4
98 63.0 50.9 76.3





#11

Methyl Iodide

Concen: 21.761 ug/l

RT: 4.416 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN072654.D

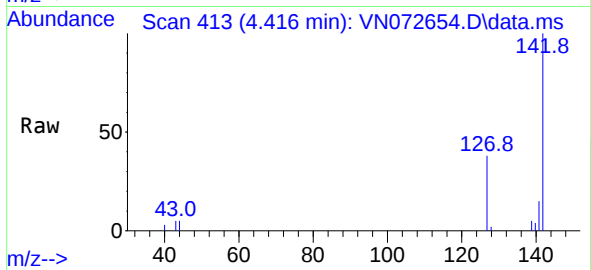
Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:142 Resp: 2800

Ion Ratio Lower Upper

142 100

127 36.7 24.0 72.0

141 14.8 8.4 25.2

Manual Integrations

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Reviewed By :John

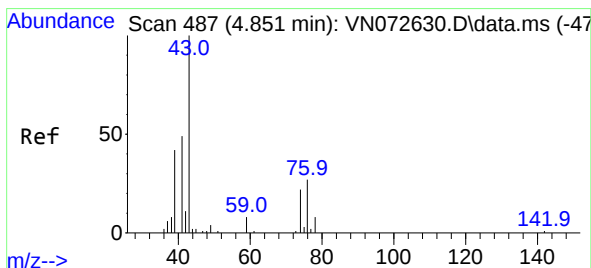
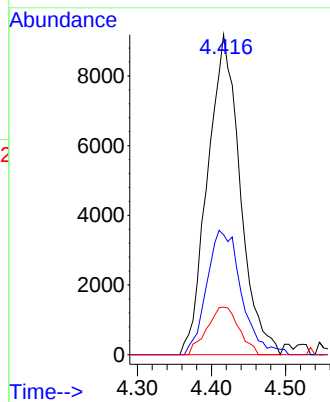
Carlone

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Supervised By :Mahesh

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#12

Methyl Acetate

Concen: 24.336 ug/l

RT: 4.846 min Scan# 486

Delta R.T. -0.006 min

Lab File: VN072654.D

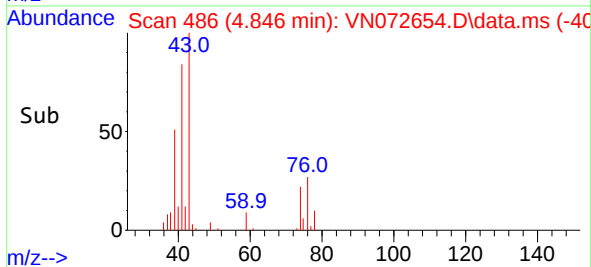
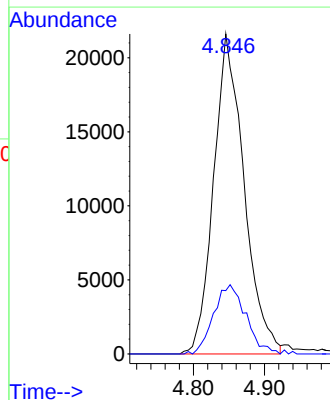
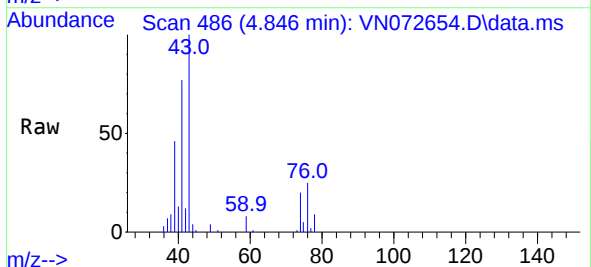
Acq: 31 May 2022 16:53

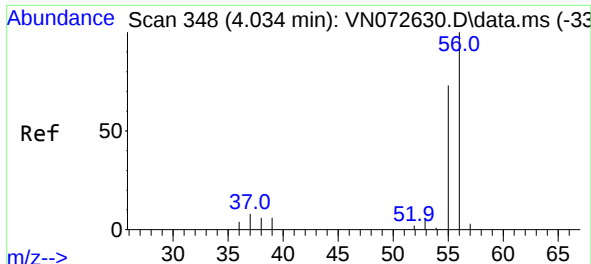
Tgt Ion: 43 Resp: 64197

Ion Ratio Lower Upper

43 100

74 20.1 20.8 31.2#





#13
Acrolein
Concen: 117.382 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

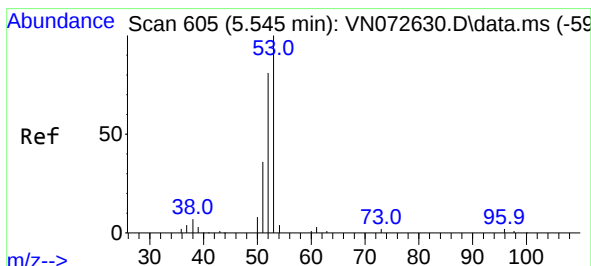
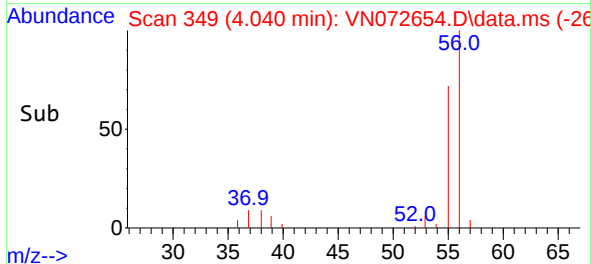
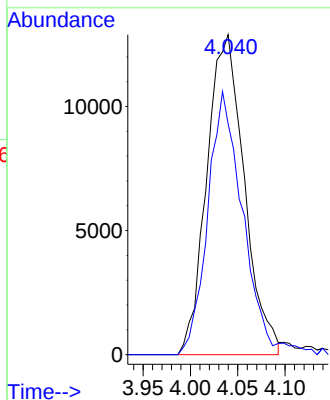
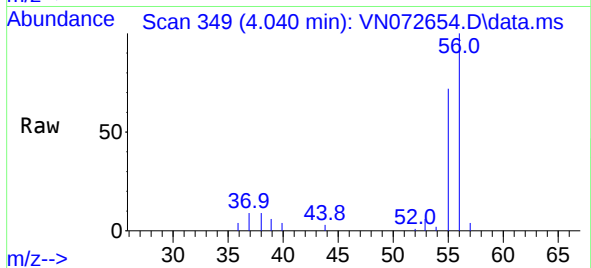
Tgt Ion: 56 Resp: 35462
Ion Ratio Lower Upper
56 100
55 75.2 57.6 86.4

Manual Integrations
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Reviewed By :John
Carlone

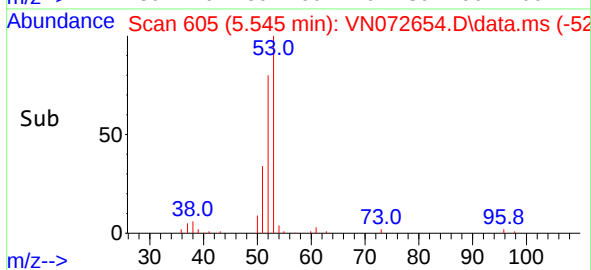
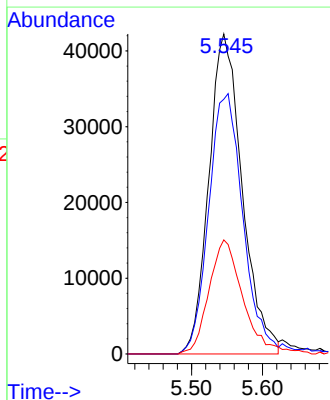
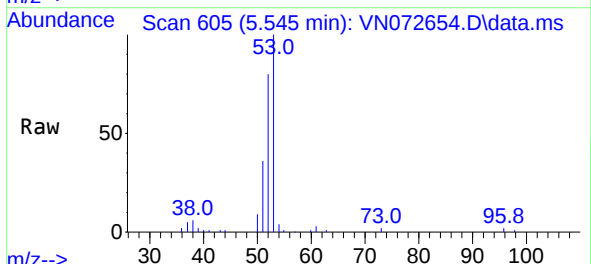
06/01/2022
Supervised By :Mahesh
Dadoda

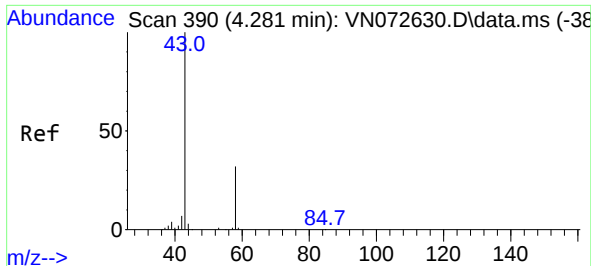
06/01/2022



#14
Acrylonitrile
Concen: 121.345 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Tgt Ion: 53 Resp: 137886
Ion Ratio Lower Upper
53 100
52 83.1 41.8 125.4
51 34.8 19.0 57.0





#15

Acetone

Concen: 125.784 ug/l

RT: 4.281 min Scan# 390

Delta R.T. 0.000 min

Lab File: VN072654.D

Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 36794

Ion Ratio Lower Upper

58 100

43 315.3 256.6 384.8

Manual Integrations

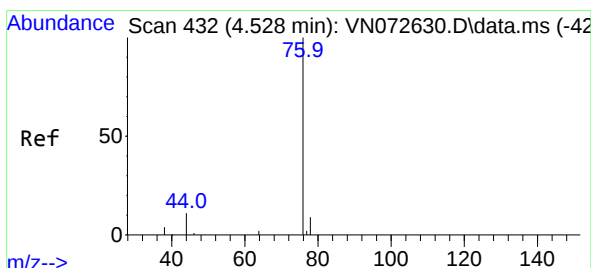
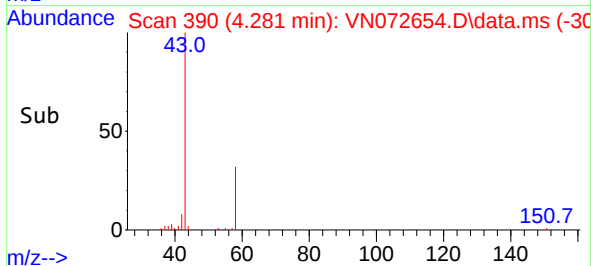
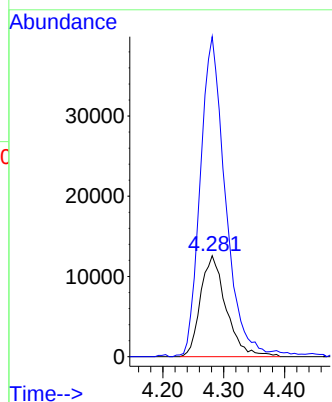
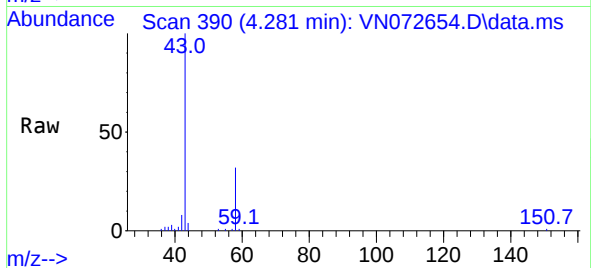
APPROVED

Reviewed By :John
Carlone

06/01/2022

Supervised By :Mahesh
Dadoda

06/01/2022



#16

Carbon Disulfide

Concen: 24.400 ug/l

RT: 4.528 min Scan# 432

Delta R.T. 0.000 min

Lab File: VN072654.D

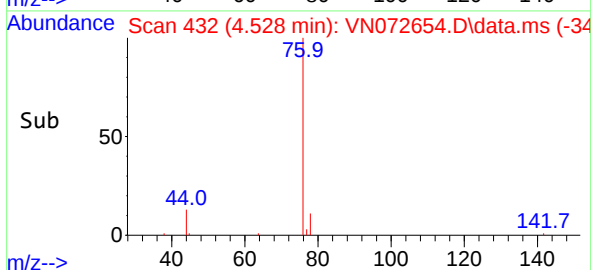
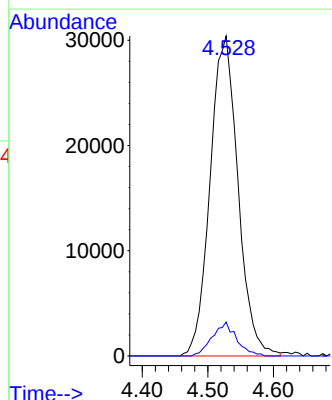
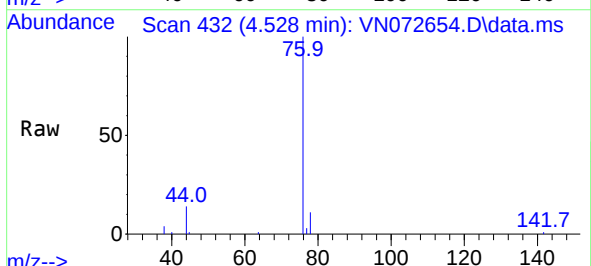
Acq: 31 May 2022 16:53

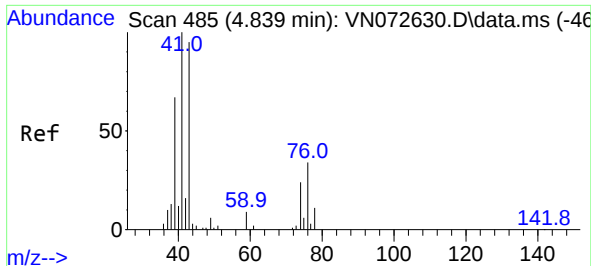
Tgt Ion: 76 Resp: 89959

Ion Ratio Lower Upper

76 100

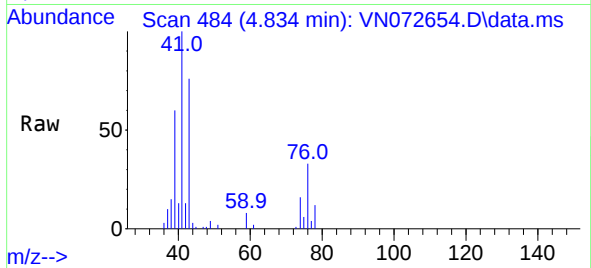
78 10.6 7.8 11.8





#17
 Allyl chloride
 Concen: 24.482 ug/l
 RT: 4.834 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN072654.D
 Acq: 31 May 2022 16:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



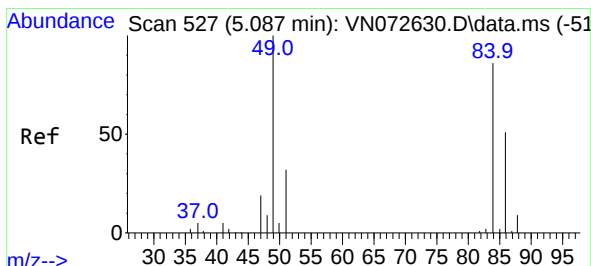
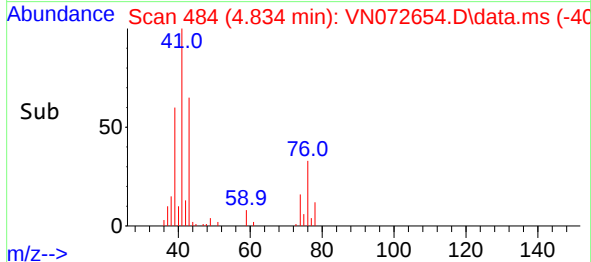
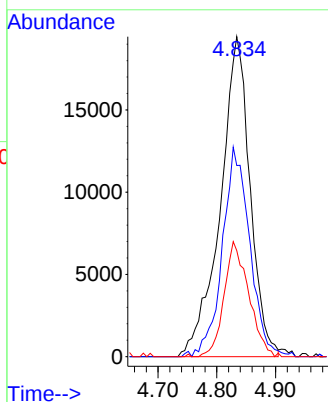
Tgt Ion: 41 Resp: 6837
 Ion Ratio Lower Upper
 41 100
 39 59.7 44.6 134.0
 76 33.1 19.6 58.7

Manual Integrations
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Reviewed By :John
 Carlone

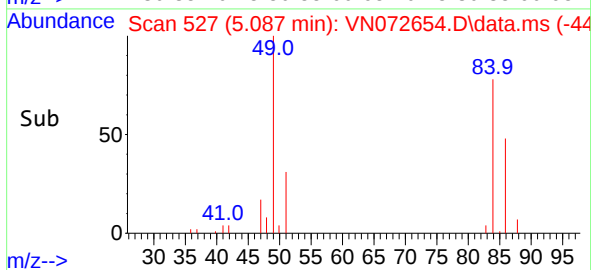
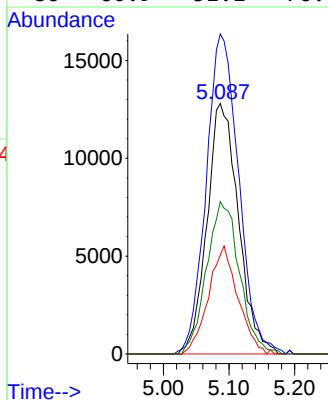
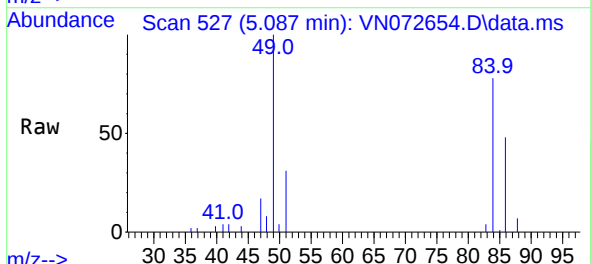
06/01/2022
 Supervised By :Mahesh
 Dadoda

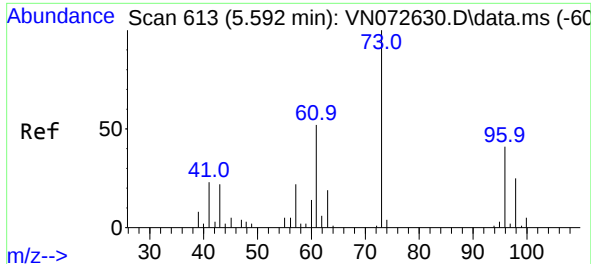
06/01/2022



#18
 Methylene Chloride
 Concen: 24.150 ug/l
 RT: 5.087 min Scan# 527
 Delta R.T. 0.000 min
 Lab File: VN072654.D
 Acq: 31 May 2022 16:53

Tgt Ion: 84 Resp: 42677
 Ion Ratio Lower Upper
 84 100
 49 126.6 91.4 137.0
 51 39.5 29.4 44.0
 86 60.9 51.1 76.7





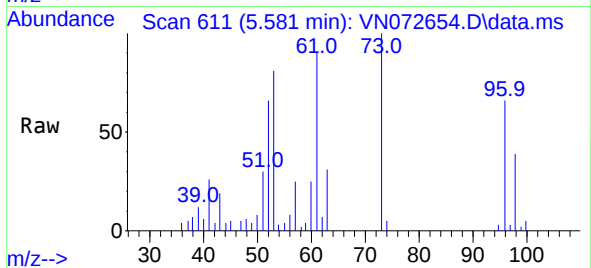
#19
trans-1,2-Dichloroethene
Concen: 11.386 ug/l
RT: 5.581 min Scan# 613
Delta R.T. -0.012 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 96 Resp: 16740
Ion Ratio Lower Upper
96 100
61 134.6 102.8 154.2
98 59.5 49.3 73.9

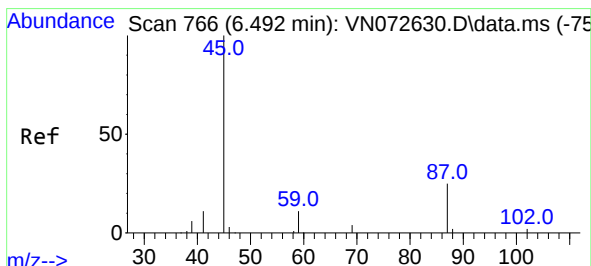
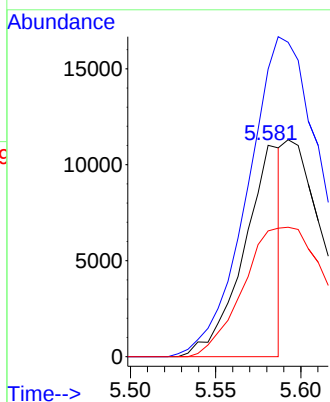
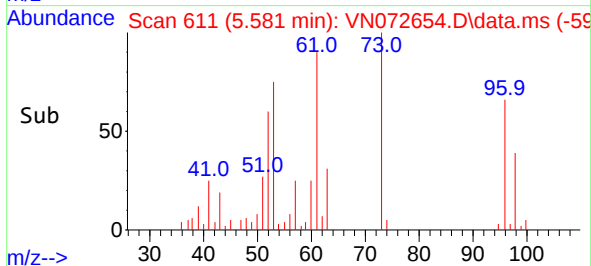
Manual Integrations
APPROVED

Reviewed By :John
Carlone

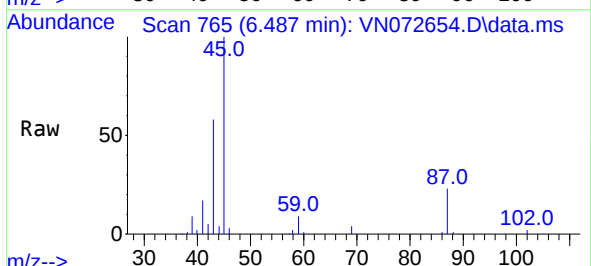
06/01/2022

Supervised By :Mahesh
Dadoda

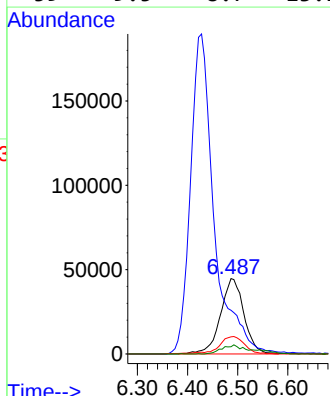
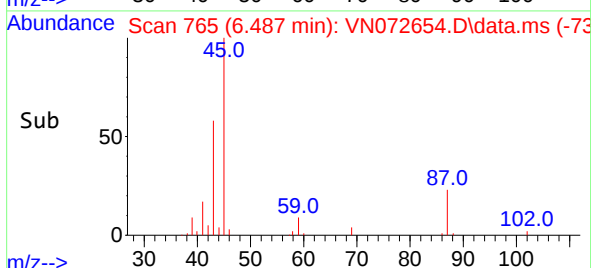
06/01/2022

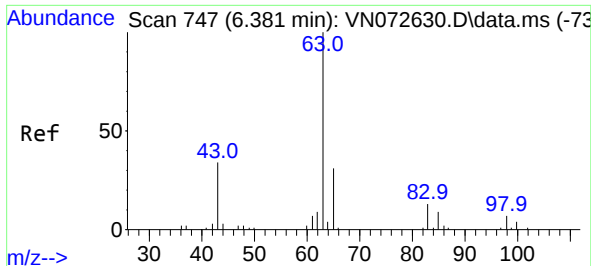


#20
Diisopropyl ether
Concen: 22.676 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53



Tgt Ion: 45 Resp: 145196
Ion Ratio Lower Upper
45 100
43 55.2 51.0 76.4
87 22.7 25.0 37.4#
59 9.5 8.7 13.1





#21

1,1-Dichloroethane

Concen: 22.293 ug/l

RT: 6.375 min Scan# 74

Delta R.T. -0.006 min

Lab File: VN072654.D

Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63	Resp: 7265
Ion Ratio	Lower Upper
63 100	
98 7.0	3.2 9.6
100 4.3	2.1 6.2

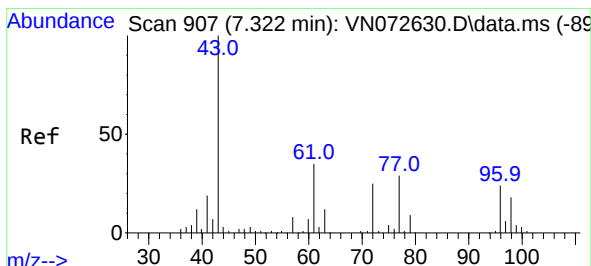
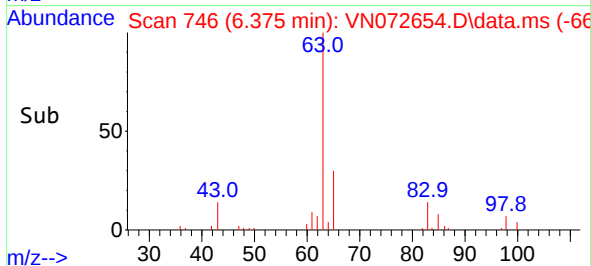
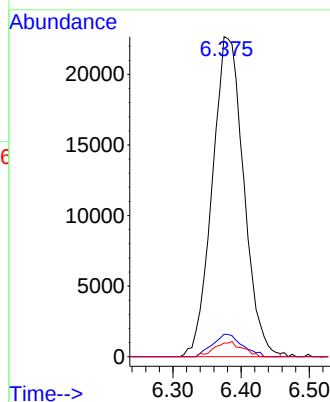
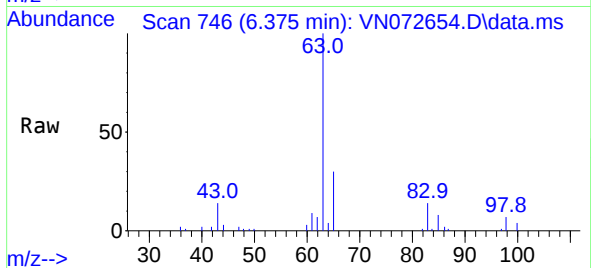
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

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#22

cis-1,2-Dichloroethene

Concen: 21.291 ug/l

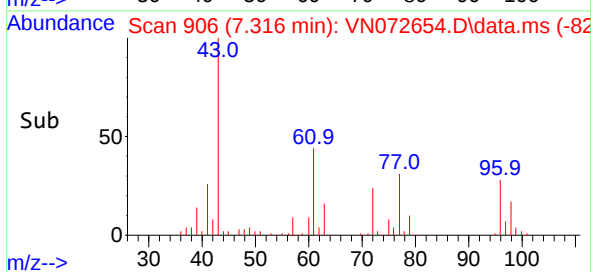
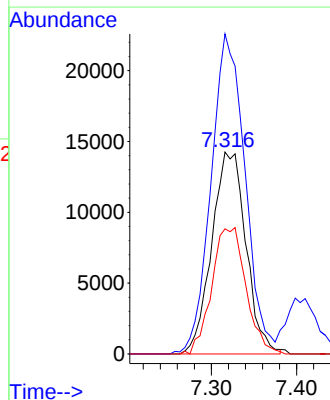
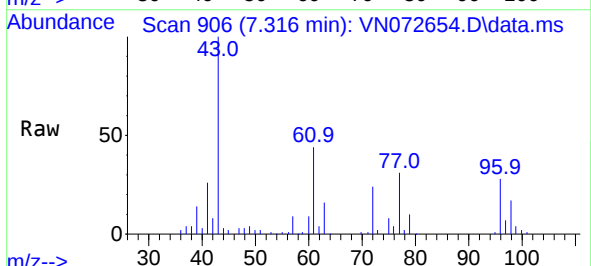
RT: 7.316 min Scan# 906

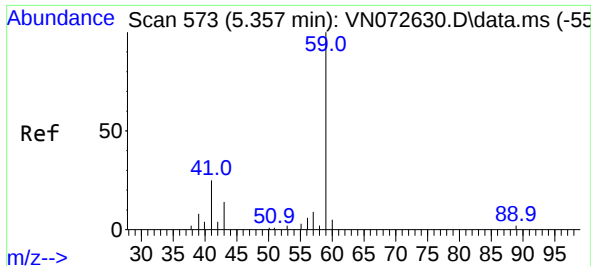
Delta R.T. -0.006 min

Lab File: VN072654.D

Acq: 31 May 2022 16:53

Tgt Ion: 96	Resp: 39756
Ion Ratio	Lower Upper
96 100	
61 157.4	115.7 173.5
98 36.4	51.6 77.4





#23

tert-Butyl Alcohol

Concen: 107.574 ug/l

RT: 5.357 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN072654.D

Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 59 Resp: 41030

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John

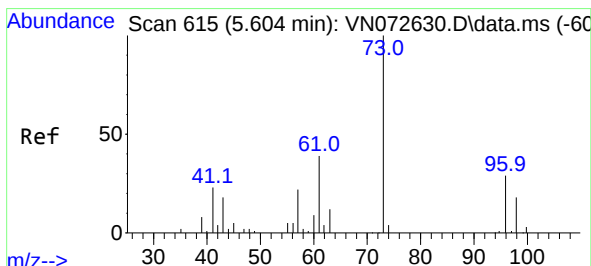
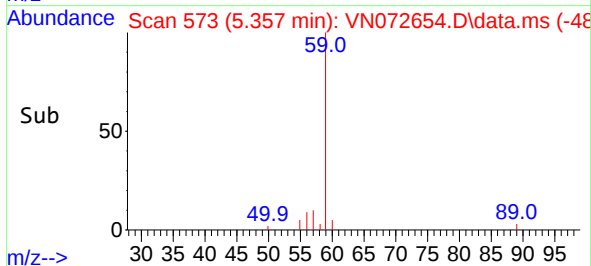
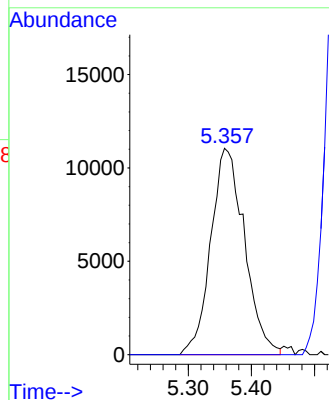
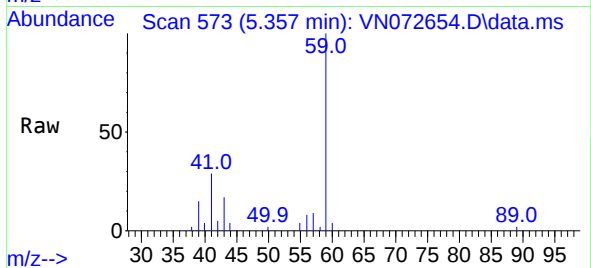
Carlone

06/01/2022

Supervised By :Mahesh

Dadoda

06/01/2022



#24

Methyl tert-Butyl Ether

Concen: 23.247 ug/l

RT: 5.610 min Scan# 616

Delta R.T. 0.006 min

Lab File: VN072654.D

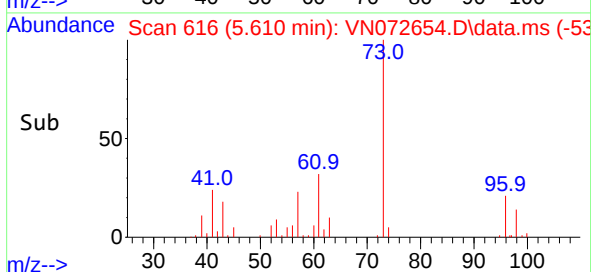
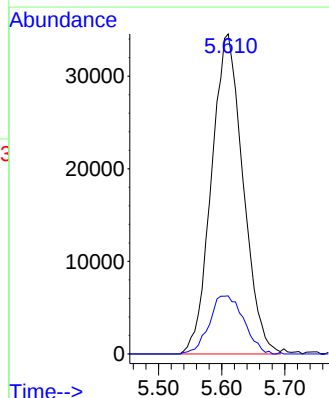
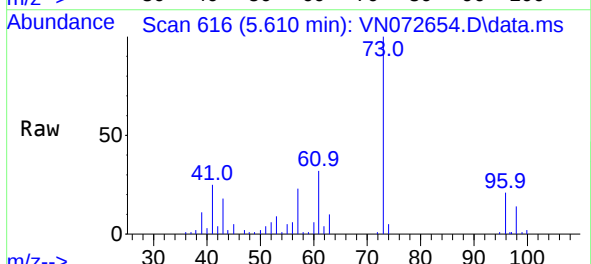
Acq: 31 May 2022 16:53

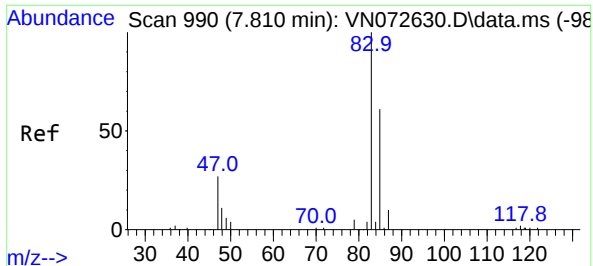
Tgt Ion: 73 Resp: 120048

Ion Ratio Lower Upper

73 100

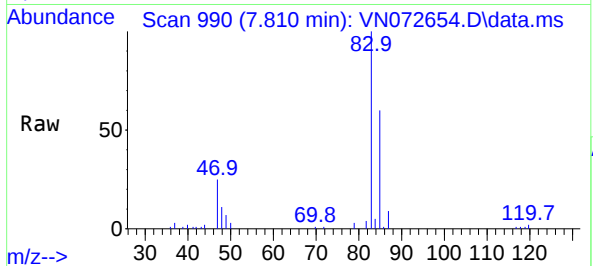
43 19.8 18.1 27.1





#25
Chloroform
Concen: 22.287 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



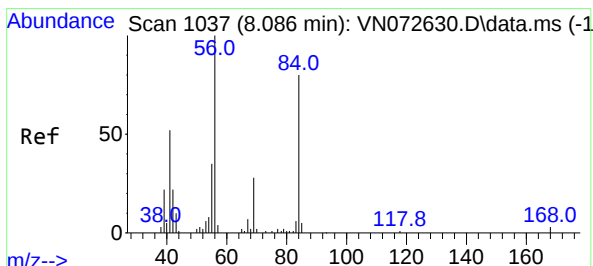
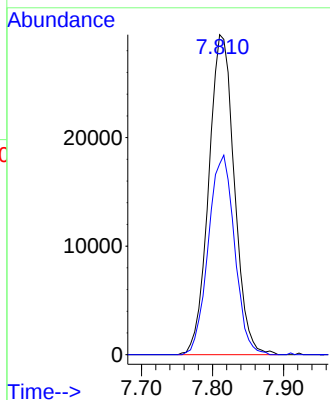
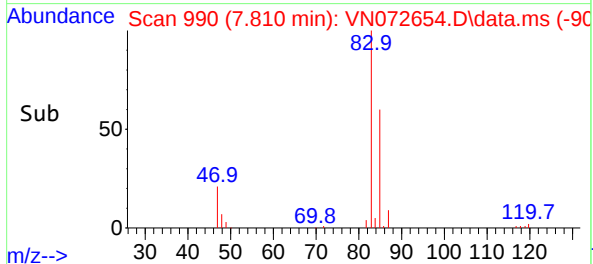
Tgt Ion: 83 Resp: 7380
Ion Ratio Lower Upper
83 100
85 59.6 51.3 76.9

Manual Integrations
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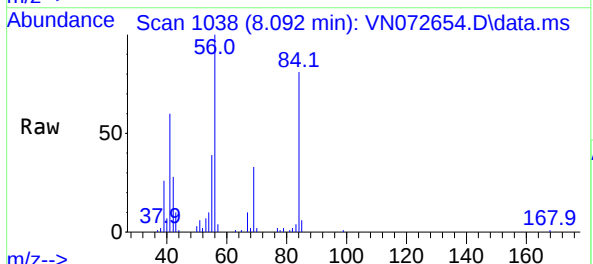
Reviewed By :John
Carlone

06/01/2022
Supervised By :Mahesh
Dadoda

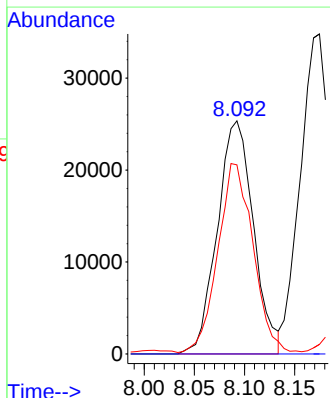
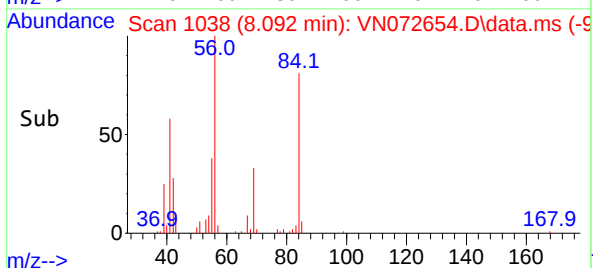
06/01/2022

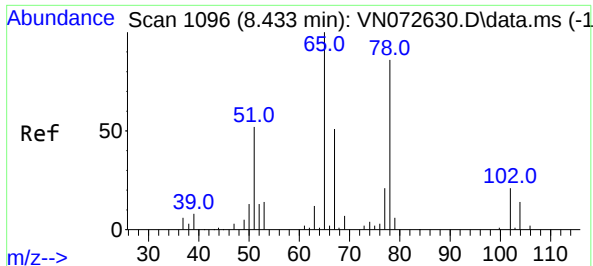


#26
Cyclohexane
Concen: 20.675 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53



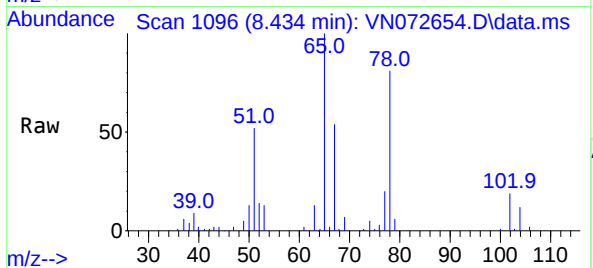
Tgt Ion: 56 Resp: 63555
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 80.6 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 33.417 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



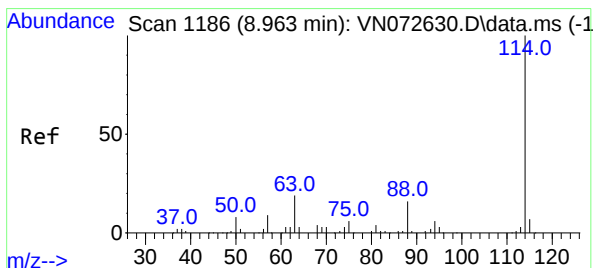
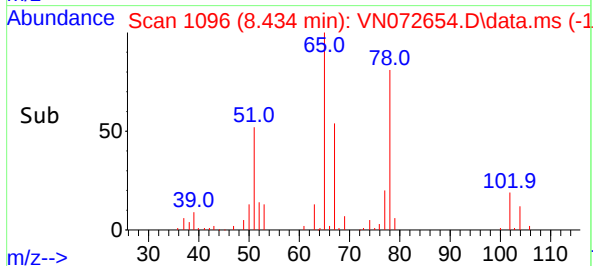
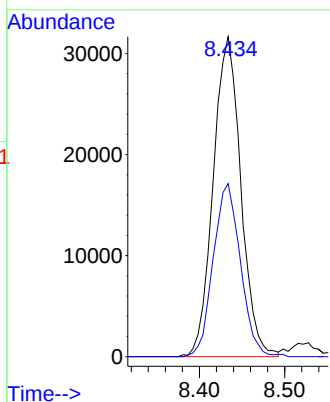
Tgt Ion: 65 Resp: 71374
Ion Ratio Lower Upper
65 100
67 53.0 40.2 60.2

Manual Integrations
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Reviewed By :John
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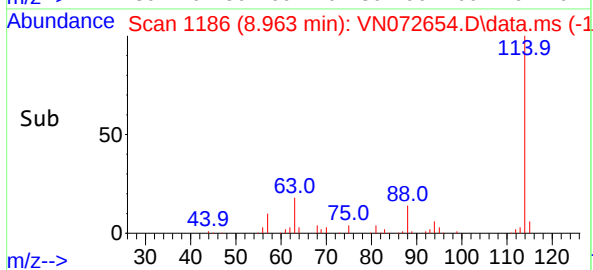
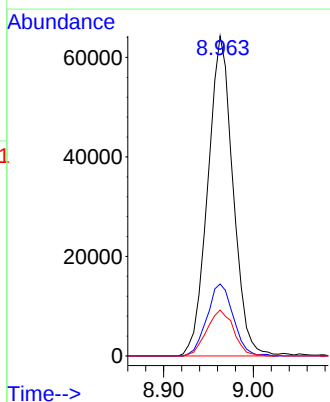
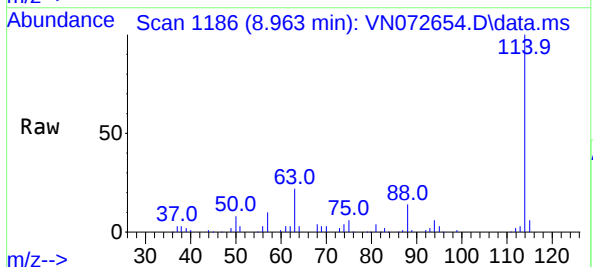
06/01/2022
Supervised By :Mahesh
Dadoda

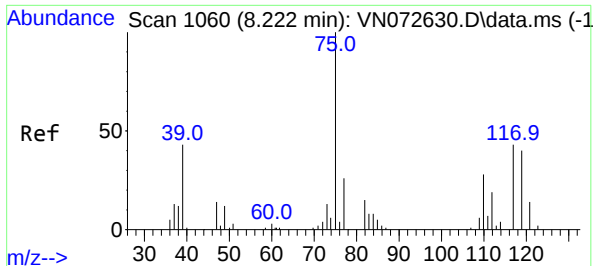
06/01/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Tgt Ion:114 Resp: 125310
Ion Ratio Lower Upper
114 100
63 23.3 15.8 23.6
88 15.3 11.6 17.4





#29
1,1-Dichloropropene
Concen: 21.187 ug/l
RT: 8.210 min Scan# 1058
Delta R.T. -0.012 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

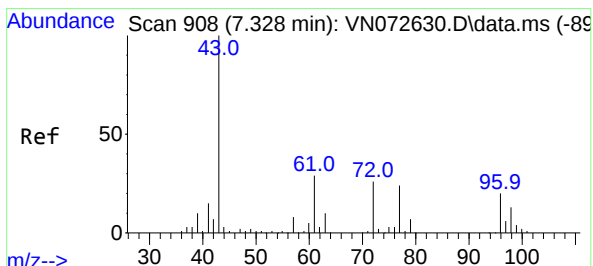
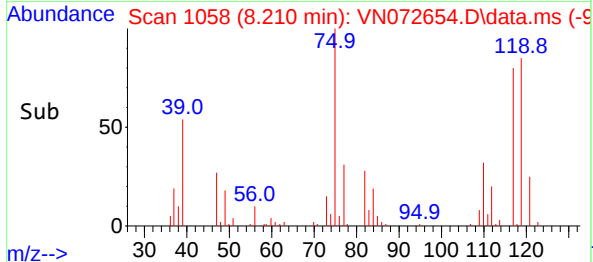
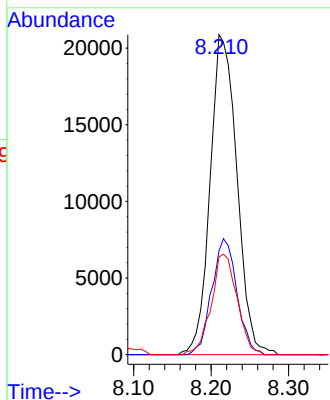
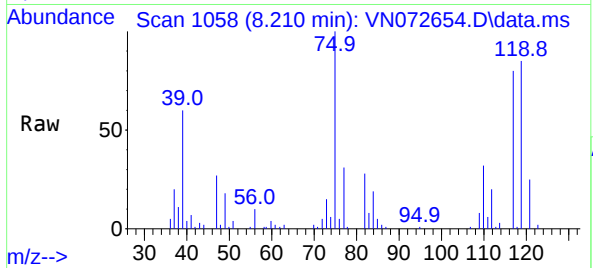
Tgt Ion: 75 Resp: 50209
Ion Ratio Lower Upper
75 100
110 34.0 0.0 74.2
77 30.4 0.0 63.2

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Reviewed By :John
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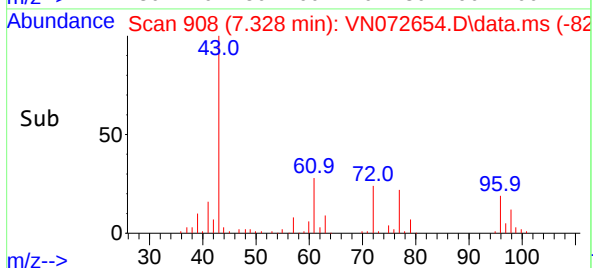
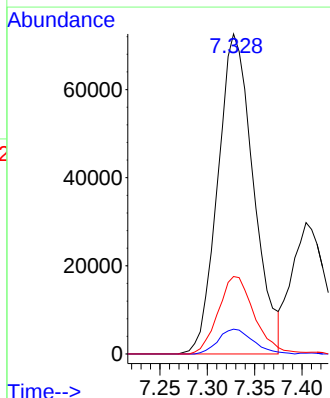
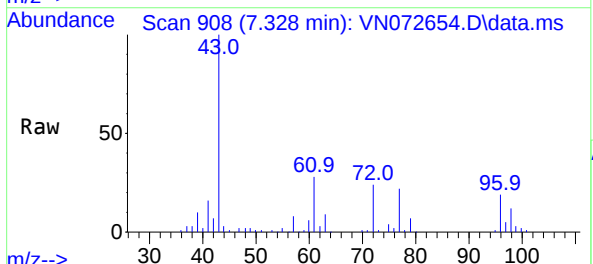
06/01/2022
Supervised By :Mahesh
Dadoda

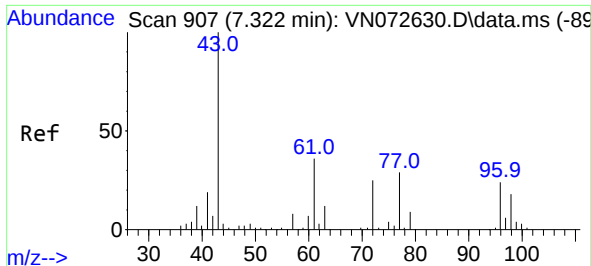
06/01/2022



#30
2-Butanone
Concen: 119.224 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

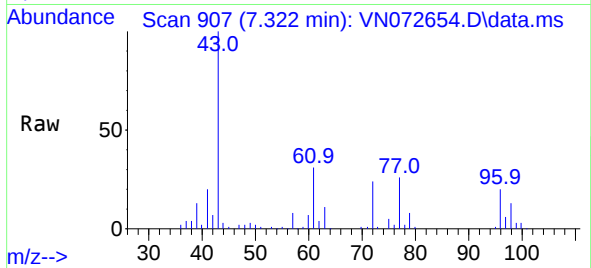
Tgt Ion: 43 Resp: 190257
Ion Ratio Lower Upper
43 100
57 7.6 6.7 10.1
72 24.5 23.2 34.8





#31
2,2-Dichloropropane
Concen: 21.359 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



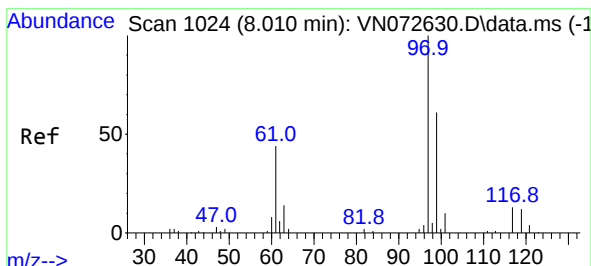
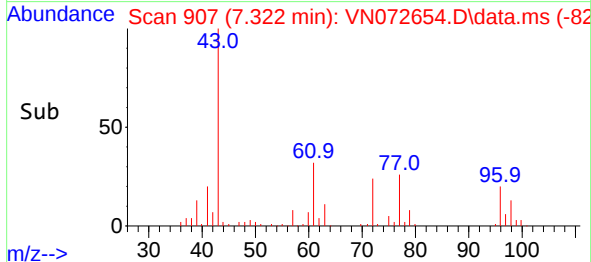
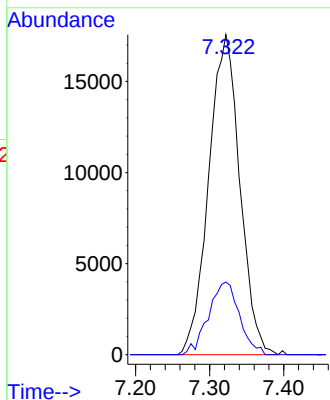
Tgt Ion: 77 Resp: 5126
Ion Ratio Lower Upper
77 100
97 21.9 18.3 27.5

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Reviewed By :John
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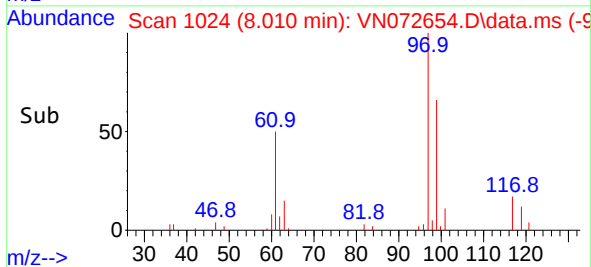
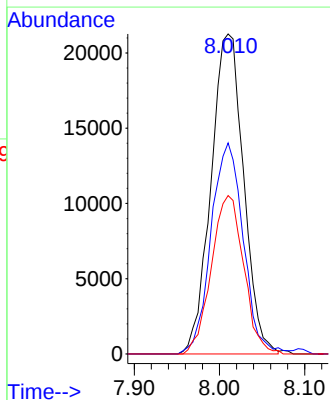
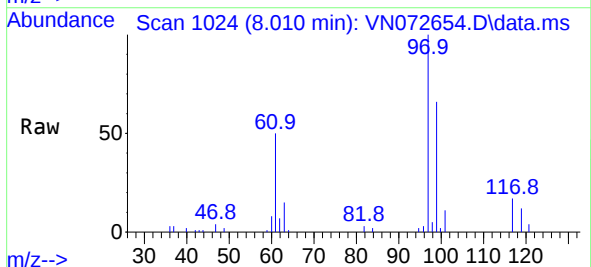
06/01/2022
Supervised By :Mahesh
Dadoda

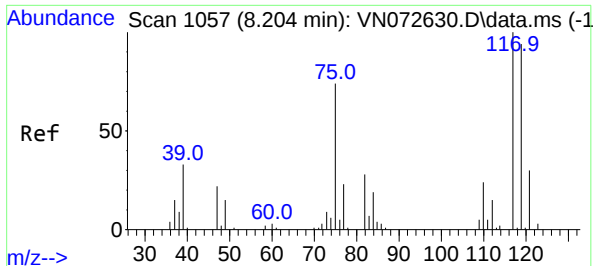
06/01/2022



#32
1,1,1-Trichloroethane
Concen: 21.514 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

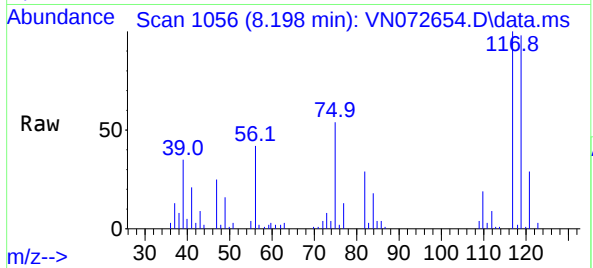
Tgt Ion: 97 Resp: 56561
Ion Ratio Lower Upper
97 100
99 65.2 50.4 75.6
61 49.1 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.834 ug/l
RT: 8.198 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



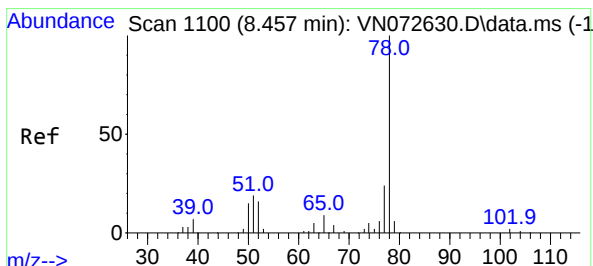
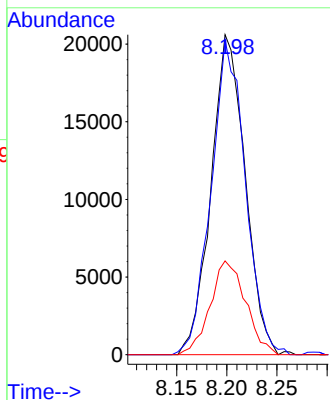
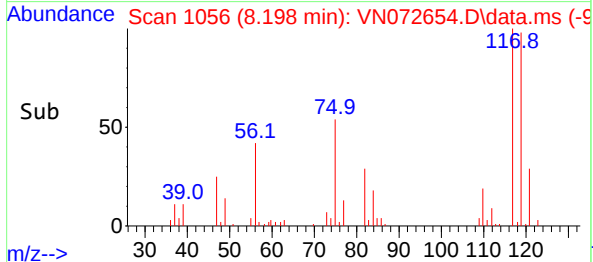
Tgt Ion:117 Resp: 4863
Ion Ratio Lower Upper
117 100
119 97.5 77.5 116.3
121 29.3 23.5 35.3

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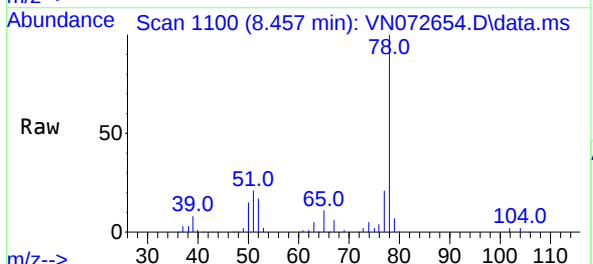
Reviewed By :John
Carlone

06/01/2022
Supervised By :Mahesh
Dadoda

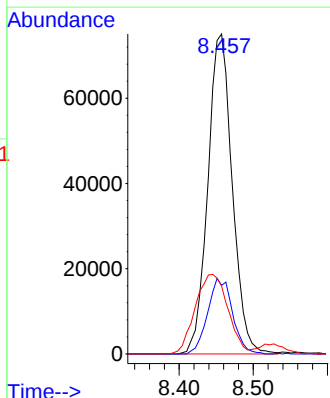
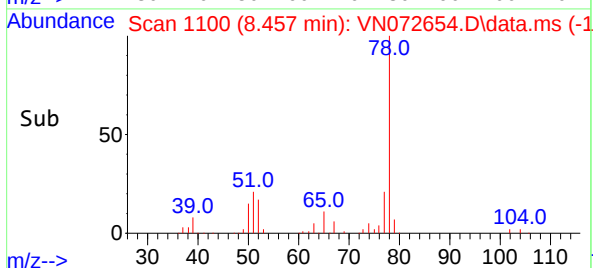
06/01/2022

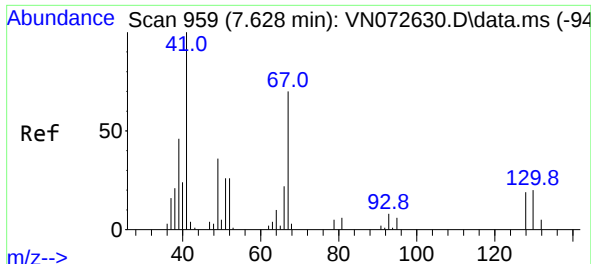


#34
Benzene
Concen: 23.079 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53



Tgt Ion: 78 Resp: 171929
Ion Ratio Lower Upper
78 100
77 21.5 19.1 28.7
51 20.3 16.0 24.0





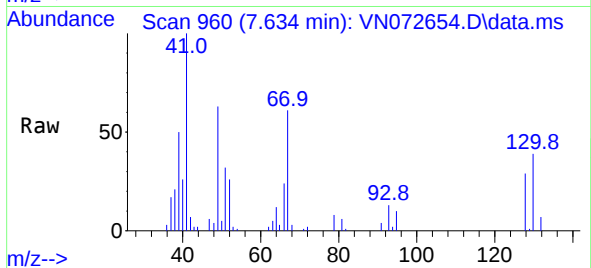
#35
Methacrylonitrile
Concen: 24.884 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



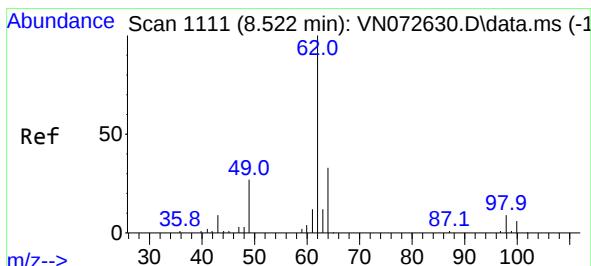
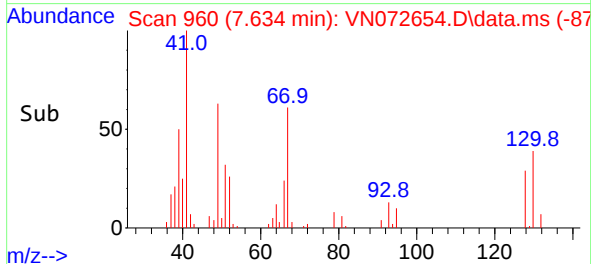
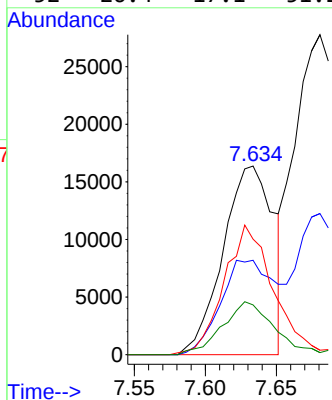
Tgt Ion: 41 Resp: 40504
Ion Ratio Lower Upper
41 100
39 50.0 28.0 83.9
67 60.2 37.7 113.1
52 26.4 17.1 51.2

Manual Integrations
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Reviewed By :John
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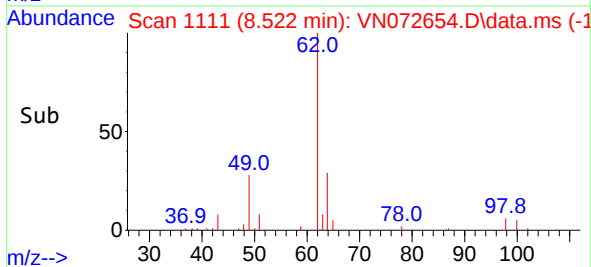
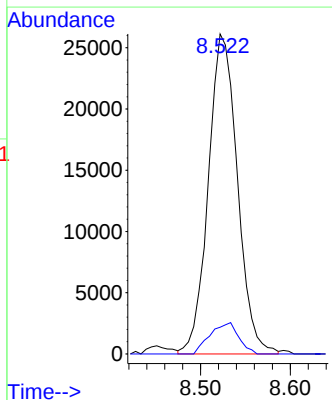
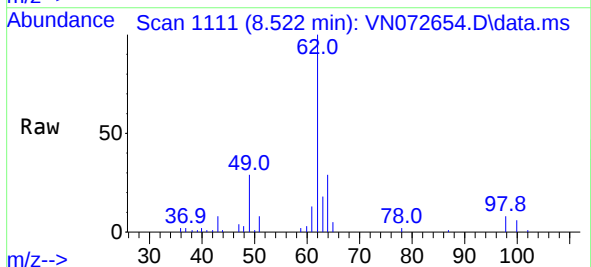
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Supervised By :Mahesh
Dadoda

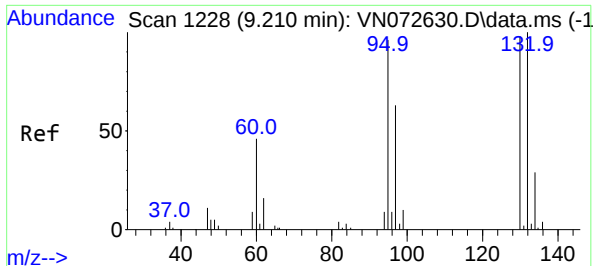
06/01/2022



#36
1,2-Dichloroethane
Concen: 24.323 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

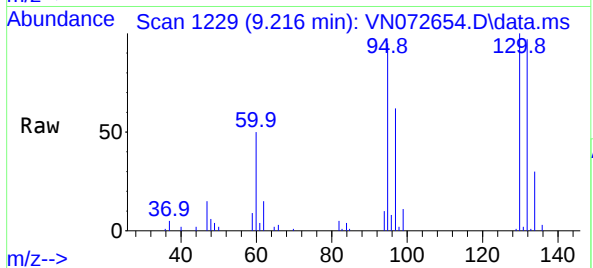
Tgt Ion: 62 Resp: 58878
Ion Ratio Lower Upper
62 100
98 9.6 6.6 10.0





#37
Trichloroethene
Concen: 20.864 ug/l
RT: 9.216 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



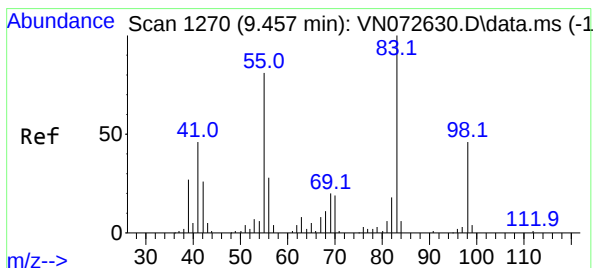
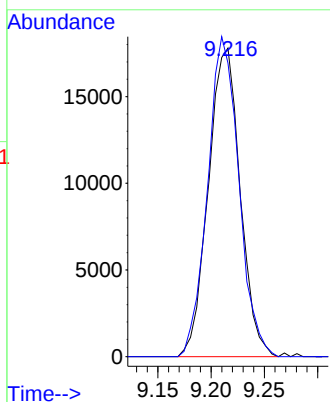
Tgt Ion:130 Resp: 3699
Ion Ratio Lower Upper
130 100
95 95.1 76.6 115.0

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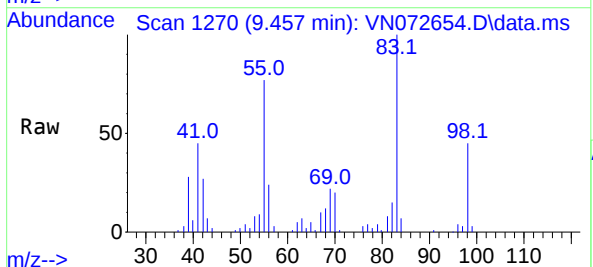
Reviewed By :John
Carlone

06/01/2022
Supervised By :Mahesh
Dadoda

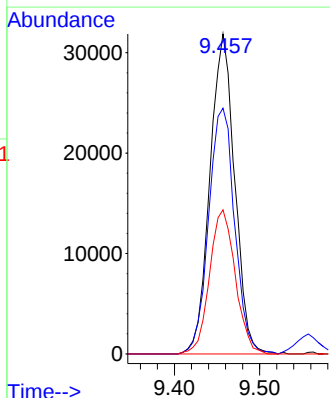
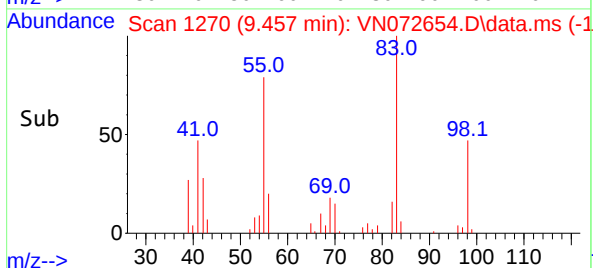
06/01/2022

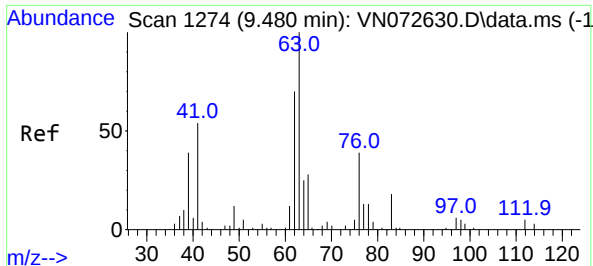


#38
Methylcyclohexane
Concen: 21.985 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53



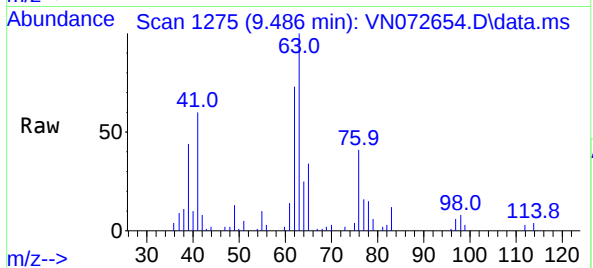
Tgt Ion: 83 Resp: 64349
Ion Ratio Lower Upper
83 100
55 80.7 35.1 105.3
98 46.8 23.4 70.2





#39
1,2-Dichloropropane
Concen: 23.137 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



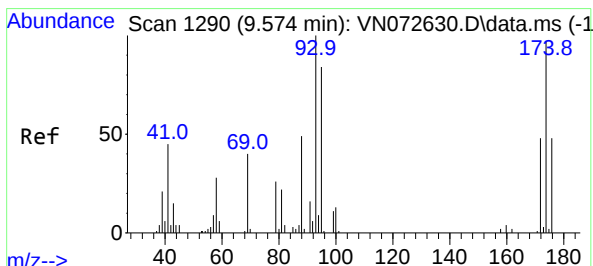
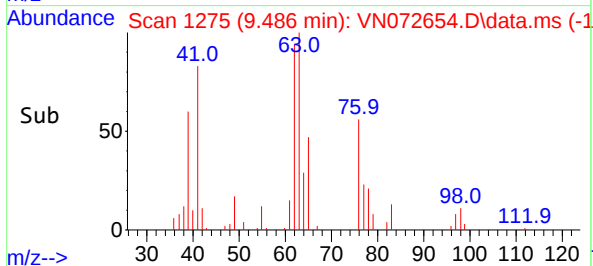
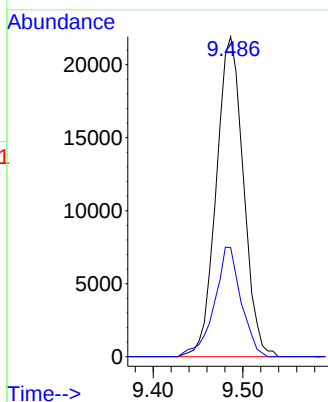
Tgt Ion: 63 Resp: 45964
Ion Ratio Lower Upper
63 100
65 34.1 24.2 36.4

Manual Integrations
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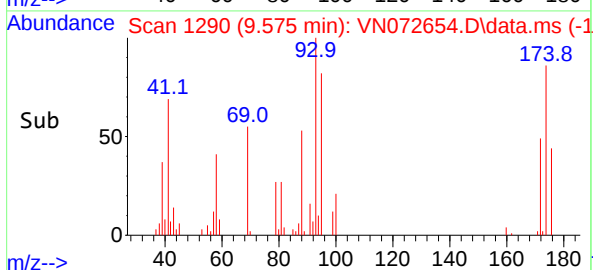
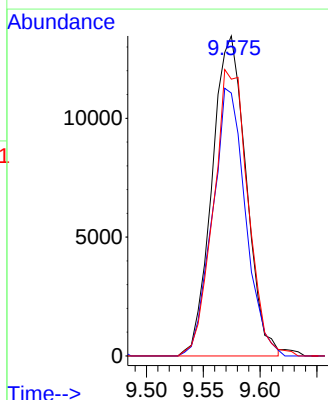
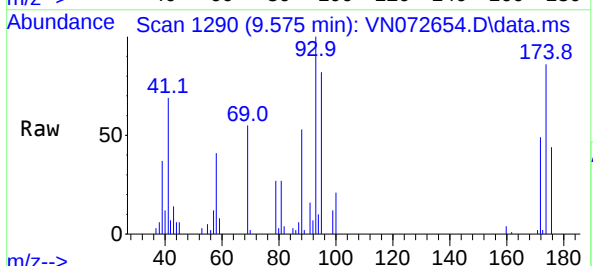
06/01/2022
Supervised By :Mahesh
Dadoda

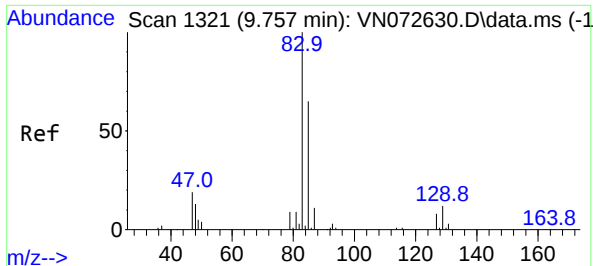
06/01/2022



#40
Dibromomethane
Concen: 22.317 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

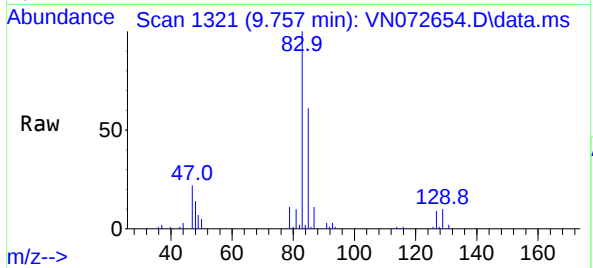
Tgt Ion: 93 Resp: 28113
Ion Ratio Lower Upper
93 100
95 80.9 0.0 168.8
174 90.6 0.0 173.6





#41
Bromodichloromethane
Concen: 22.388 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



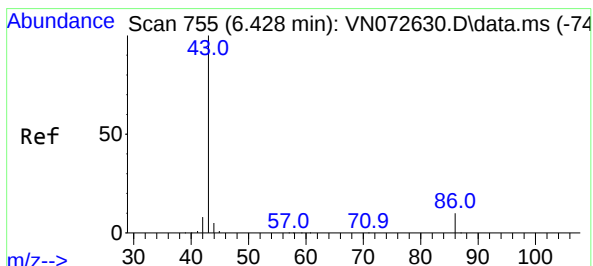
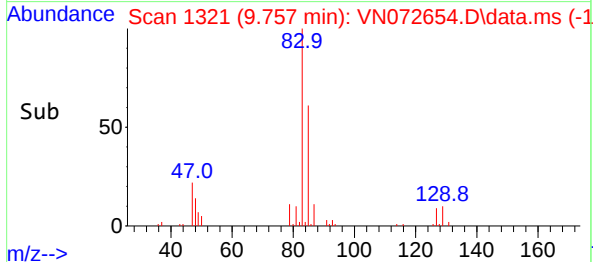
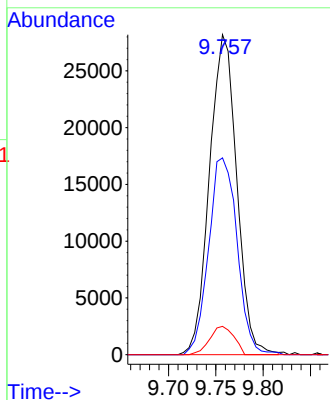
Tgt Ion: 83 Resp: 5653
Ion Ratio Lower Upper
83 100
85 61.5 54.1 81.1
127 9.9 7.6 11.4

Manual Integrations
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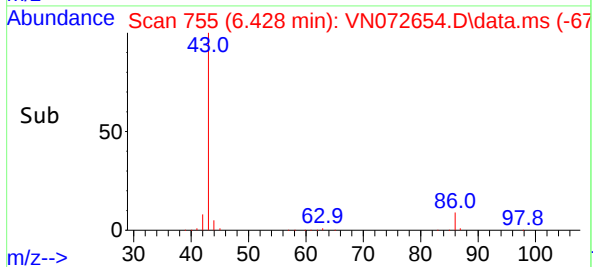
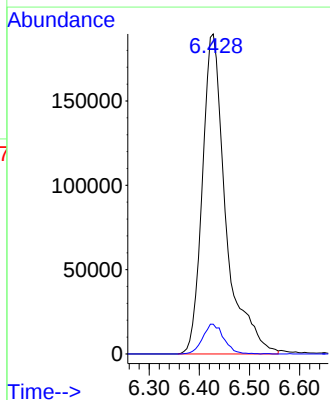
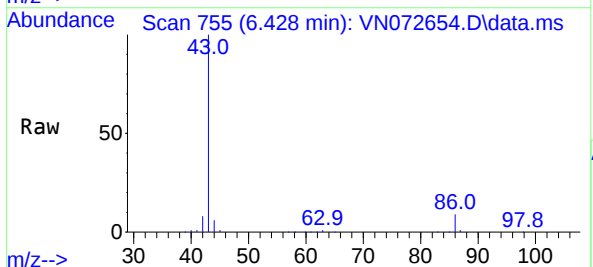
06/01/2022
Supervised By :Mahesh
Dadoda

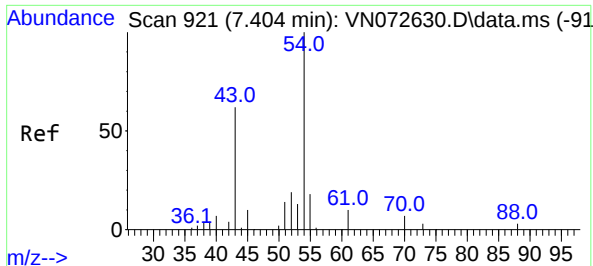
06/01/2022



#42
Vinyl Acetate
Concen: 118.691 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

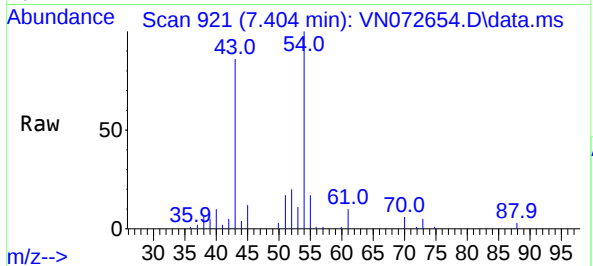
Tgt Ion: 43 Resp: 618175
Ion Ratio Lower Upper
43 100
86 8.4 7.5 11.3





#43
Ethyl Acetate
Concen: 25.562 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



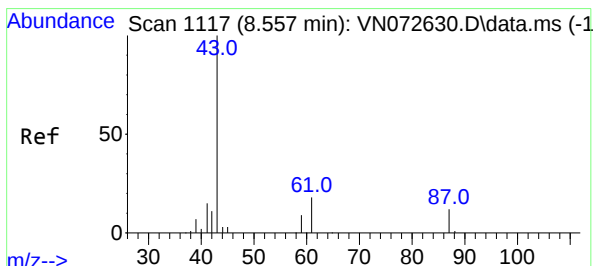
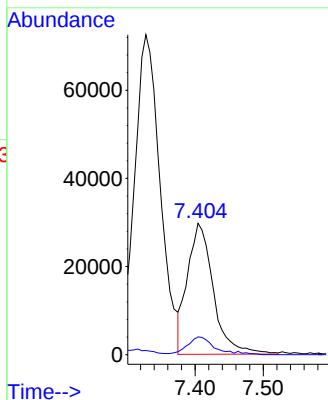
Tgt Ion: 43 Resp: 78224
Ion Ratio Lower Upper
43 100
45 11.4 10.6 16.0

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Reviewed By :John
Carlone

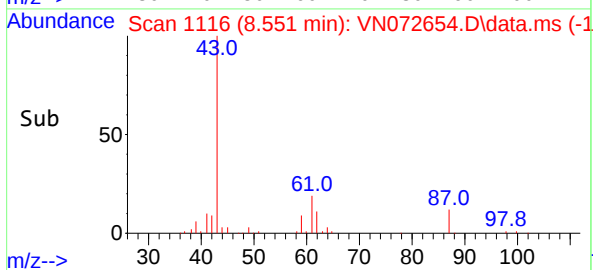
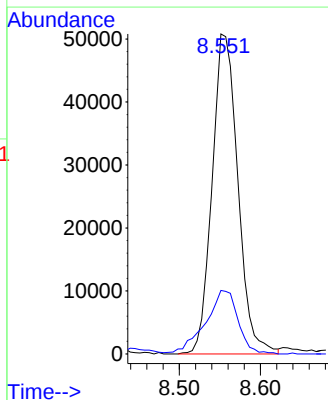
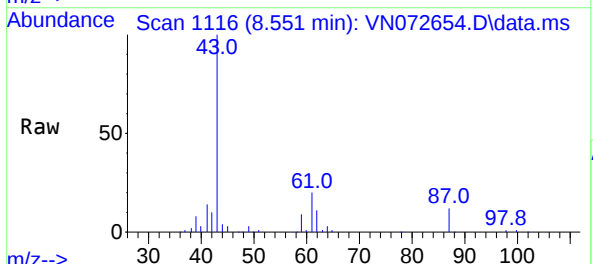
06/01/2022
Supervised By :Mahesh
Dadoda

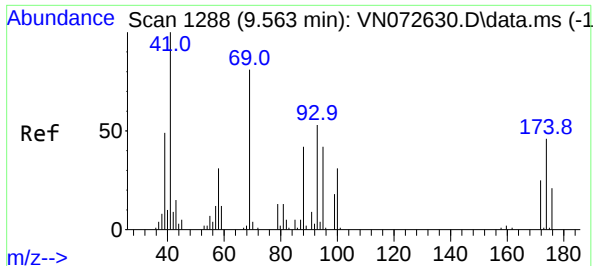
06/01/2022



#44
Isopropyl Acetate
Concen: 23.511 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

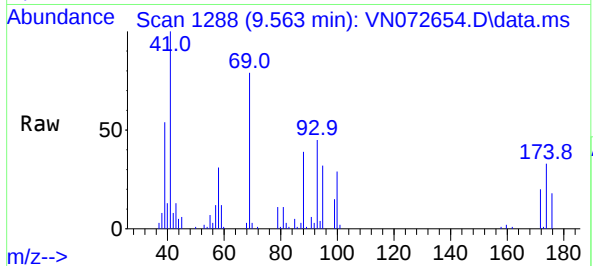
Tgt Ion: 43 Resp: 112105
Ion Ratio Lower Upper
43 100
61 24.0 20.1 30.1





#45
1,4-Dioxane
Concen: 479.848 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



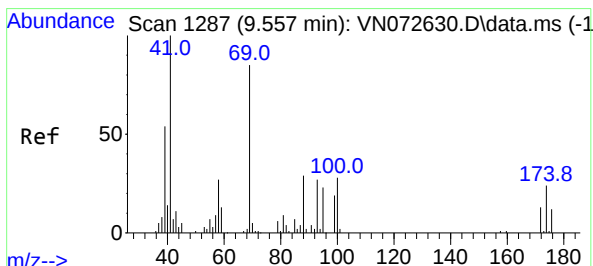
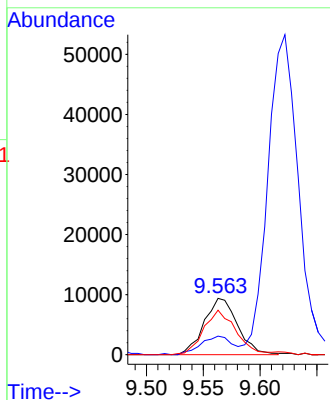
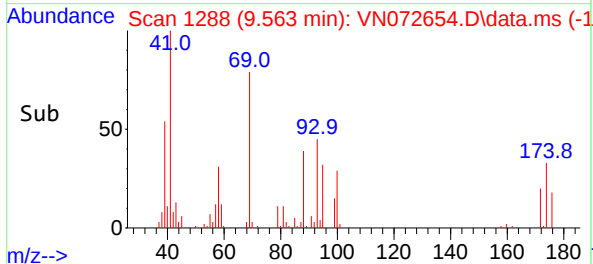
Tgt Ion: 88 Resp: 1918
Ion Ratio Lower Upper
88 100
43 30.6 25.0 37.6
58 76.5 49.4 74.2

Manual Integrations
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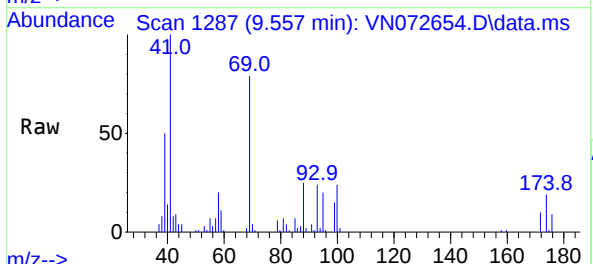
Reviewed By :John
Carlone

06/01/2022
Supervised By :Mahesh
Dadoda

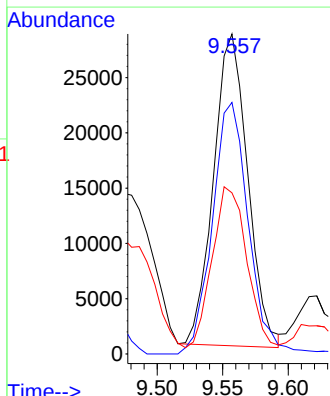
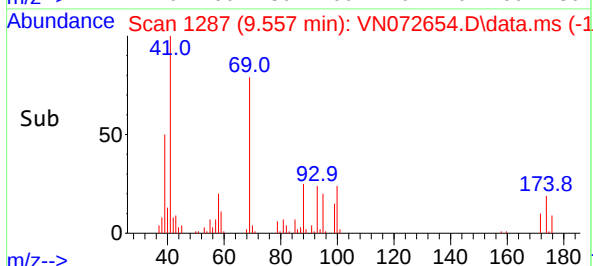
06/01/2022

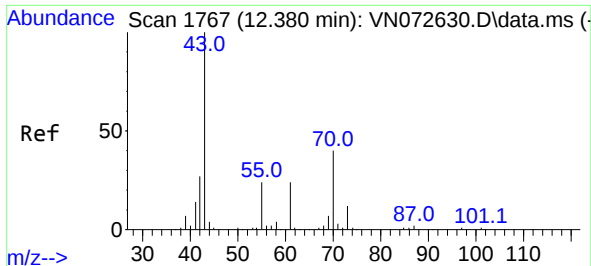


#46
Methyl methacrylate
Concen: 22.708 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53



Tgt Ion: 41 Resp: 51013
Ion Ratio Lower Upper
41 100
69 81.2 44.4 133.2
39 49.2 39.9 119.6





#47
n-amy1 Acetate
Concen: 24.310 ug/l
RT: 12.386 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

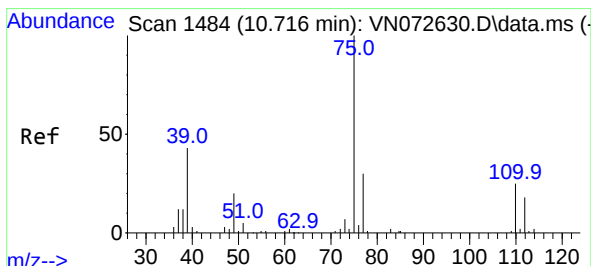
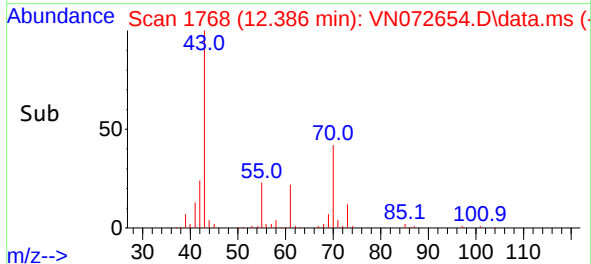
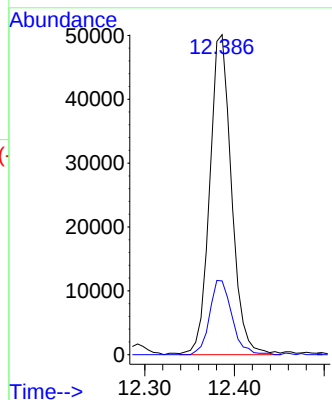
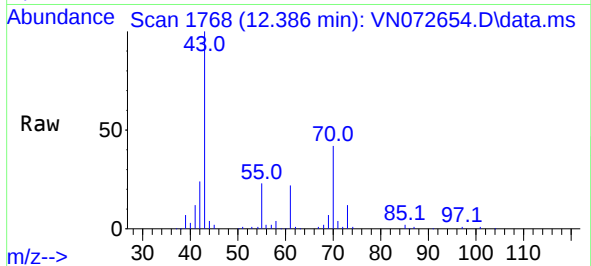
Tgt Ion: 43 Resp: 84452
Ion Ratio Lower Upper
43 100
55 23.7 19.0 28.6

Manual Integrations
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Reviewed By :John
Carlone

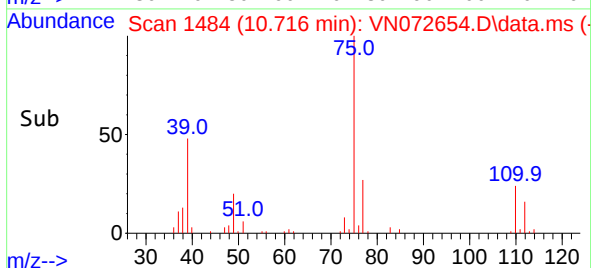
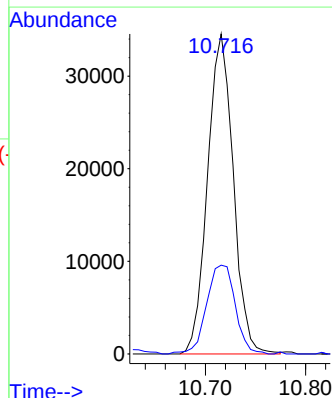
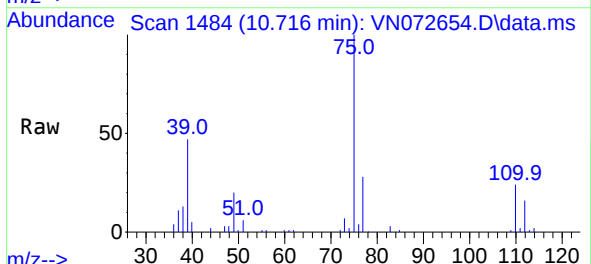
06/01/2022
Supervised By :Mahesh
Dadoda

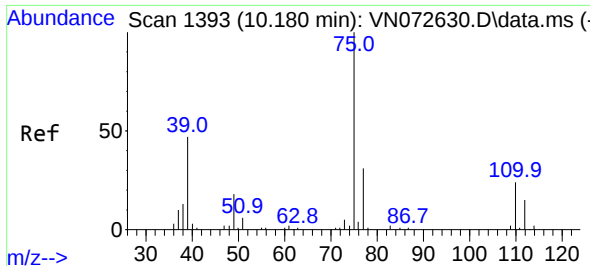
06/01/2022



#48
t-1,3-Dichloropropene
Concen: 22.623 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

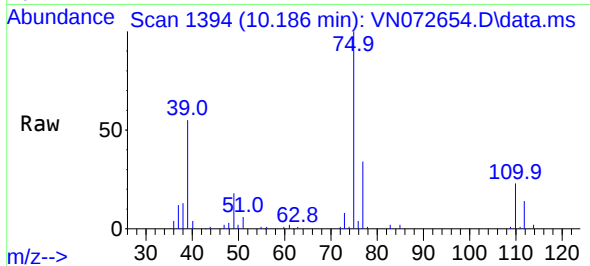
Tgt Ion: 75 Resp: 61705
Ion Ratio Lower Upper
75 100
77 27.2 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 20.990 ug/l
RT: 10.186 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



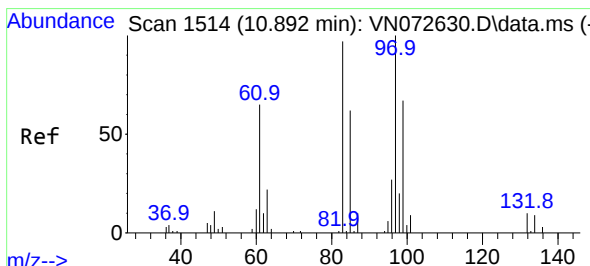
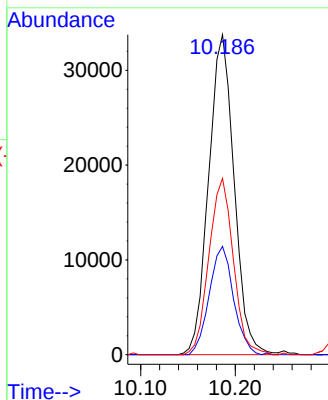
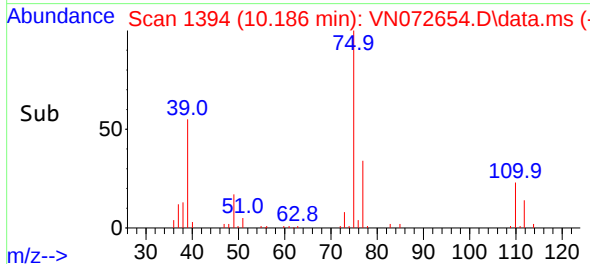
Tgt Ion: 75 Resp: 63080
Ion Ratio Lower Upper
75 100
77 33.9 25.3 37.9
39 55.1 46.2 69.4

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Reviewed By :John
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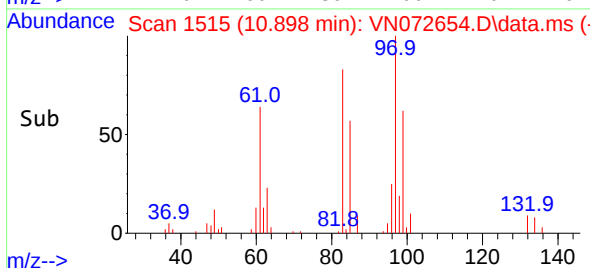
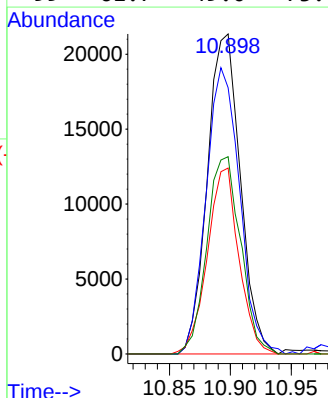
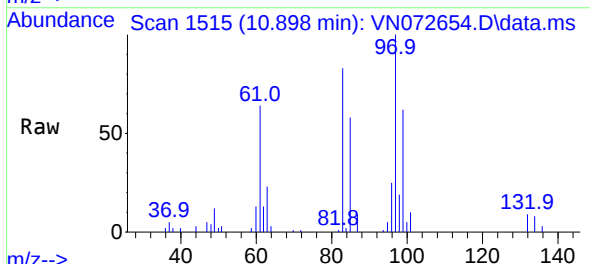
06/01/2022
Supervised By :Mahesh
Dadoda

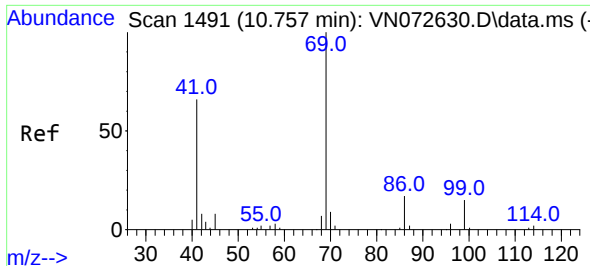
06/01/2022



#50
1,1,2-Trichloroethane
Concen: 21.730 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

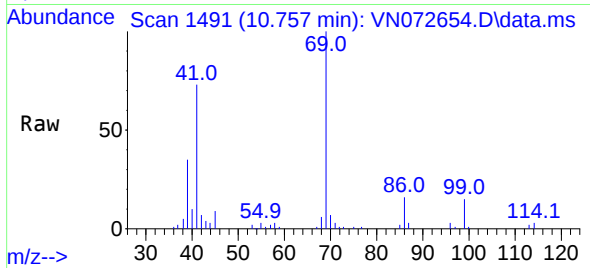
Tgt Ion: 97 Resp: 40242
Ion Ratio Lower Upper
97 100
83 83.2 67.2 100.8
85 58.1 43.0 64.4
99 61.7 49.0 73.4





#51
Ethyl methacrylate
Concen: 21.534 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



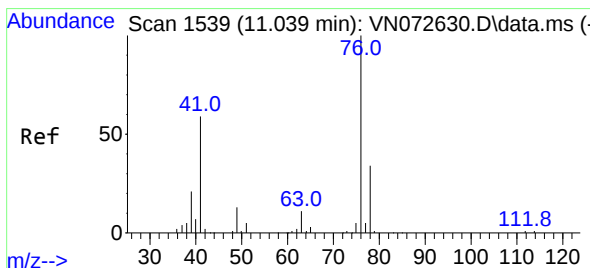
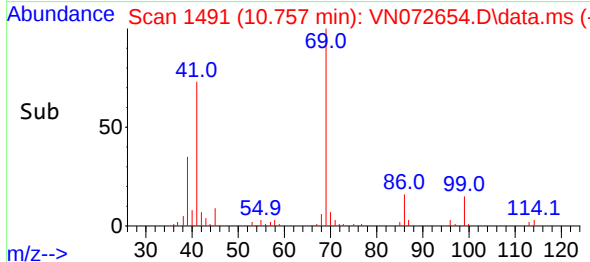
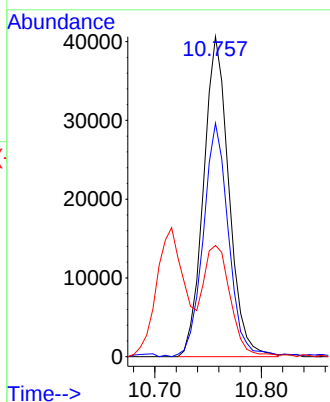
Tgt Ion: 69 Resp: 67238
Ion Ratio Lower Upper
69 100
41 72.3 33.0 98.9
39 34.3 25.4 76.4

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Reviewed By :John
Carlone

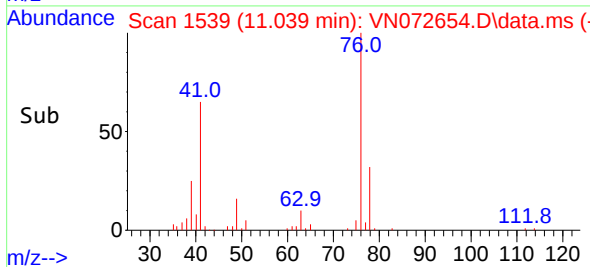
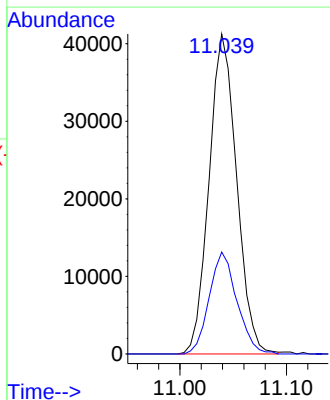
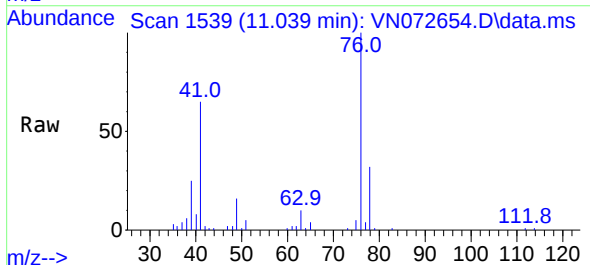
06/01/2022
Supervised By :Mahesh
Dadoda

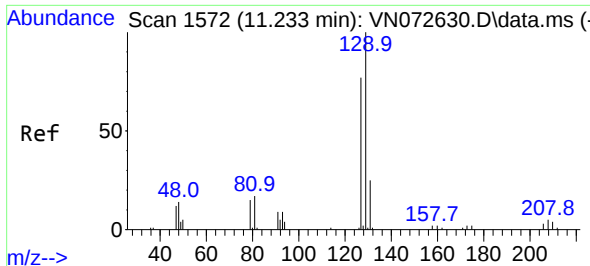
06/01/2022



#52
1,3-Dichloropropane
Concen: 22.706 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Tgt Ion: 76 Resp: 74148
Ion Ratio Lower Upper
76 100
78 31.9 0.0 65.4





#53
Dibromochloromethane
Concen: 22.691 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 4320
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

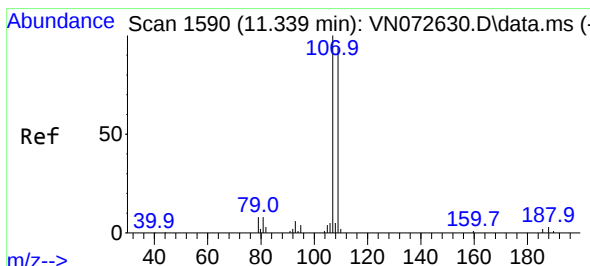
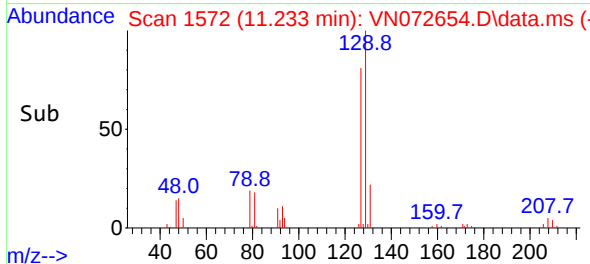
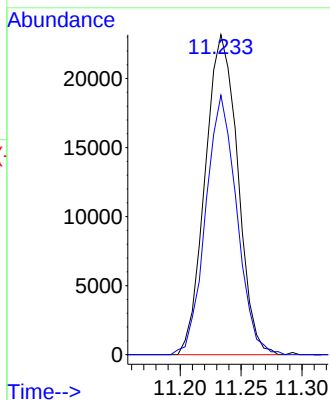
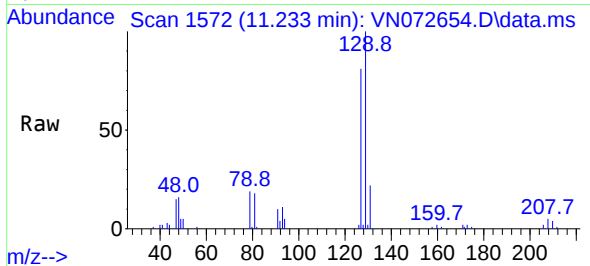
Manual Integrations
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Reviewed By :John
Carlone

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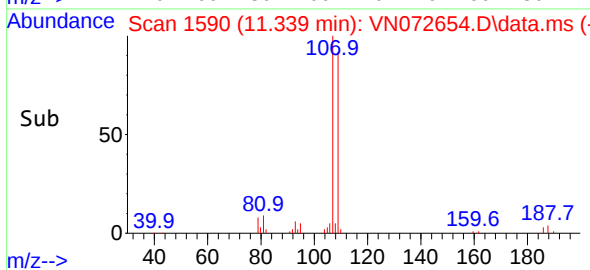
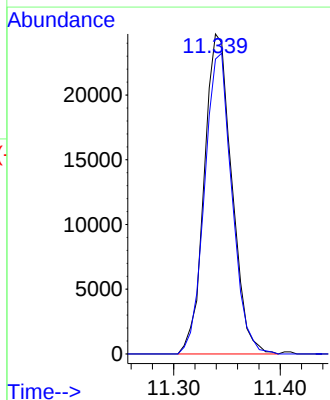
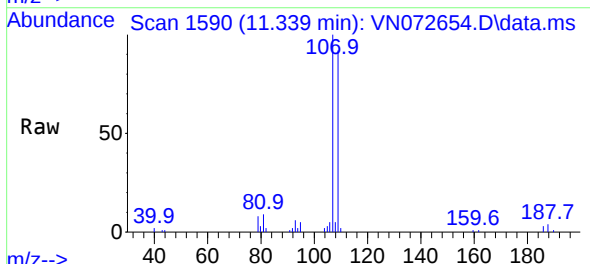
Supervised By :Mahesh
Dadoda

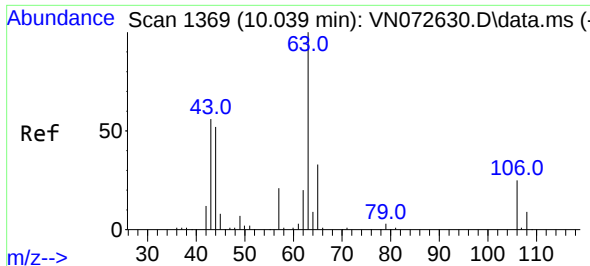
06/01/2022



#54
1,2-Dibromoethane
Concen: 23.323 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Tgt Ion:107 Resp: 44350
Ion Ratio Lower Upper
107 100
109 93.3 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 114.688 ug/l
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

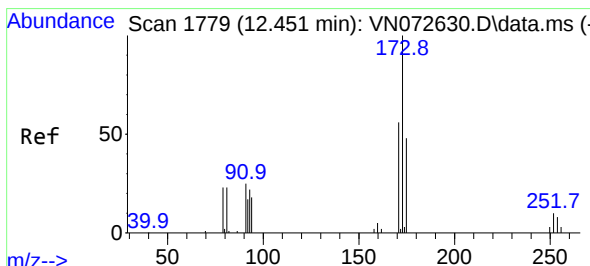
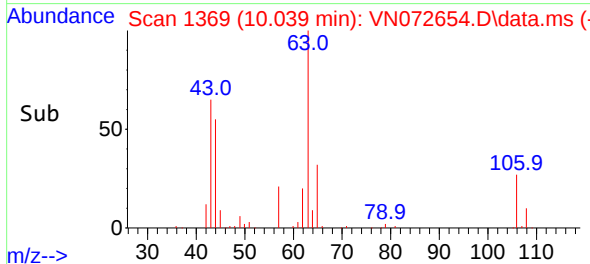
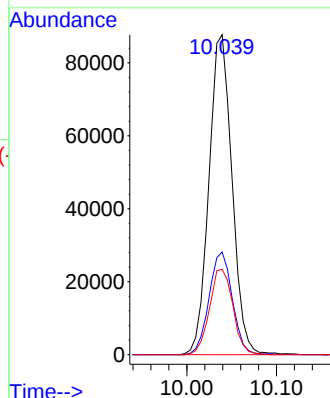
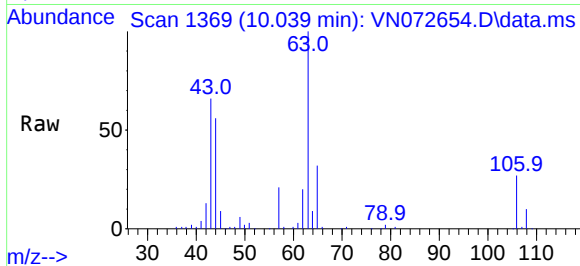
Tgt Ion: 63 Resp: 15664
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 27.1 23.2 34.8

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Reviewed By :John
Carlone

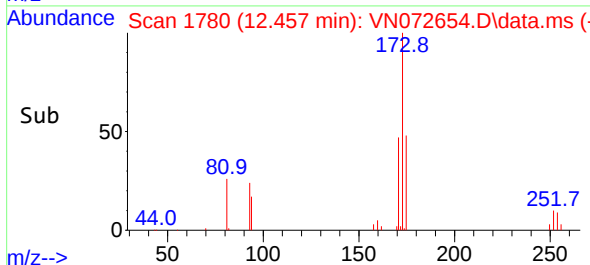
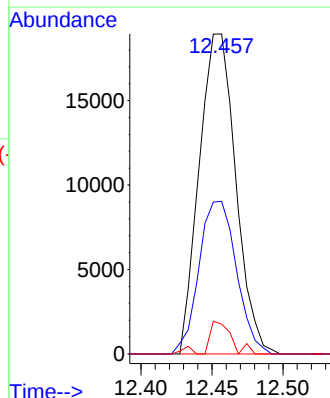
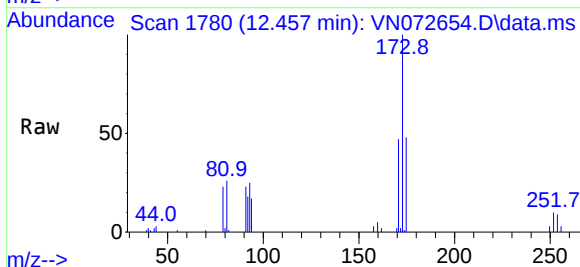
06/01/2022
Supervised By :Mahesh
Dadoda

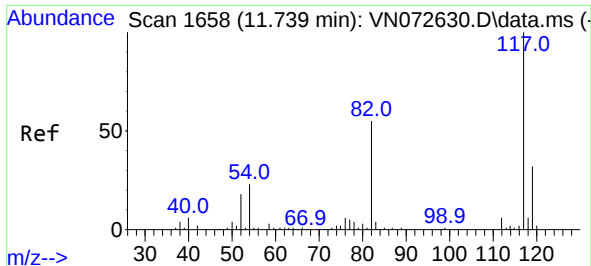
06/01/2022



#56
Bromoform
Concen: 24.684 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

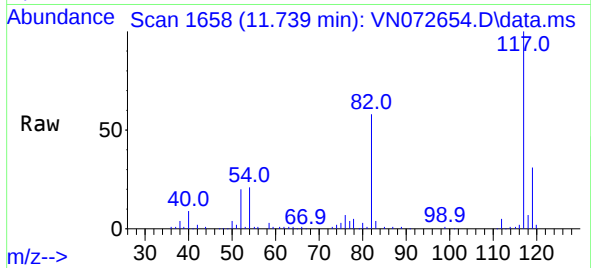
Tgt Ion:173 Resp: 33927
Ion Ratio Lower Upper
173 100
175 48.9 38.6 58.0
254 5.2 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



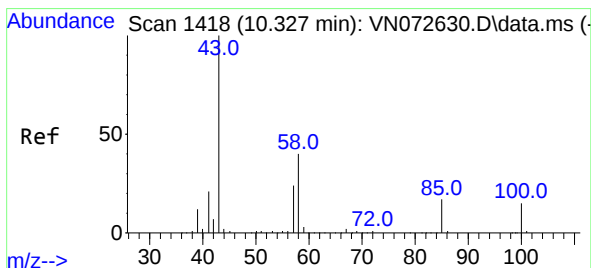
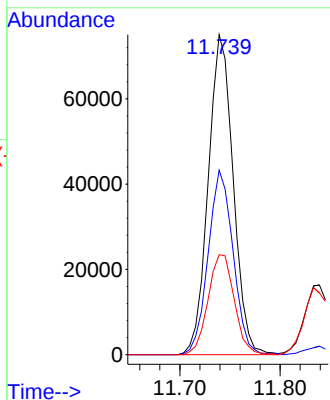
Tgt Ion: 117 Resp: 129934
Ion Ratio Lower Upper
117 100
82 57.6 43.6 65.4
119 32.8 25.8 38.6

Manual Integrations
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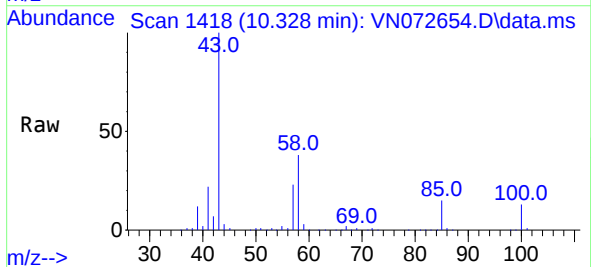
Reviewed By :John
Carlone

06/01/2022
Supervised By :Mahesh
Dadoda

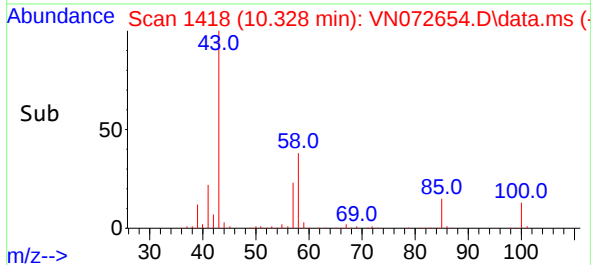
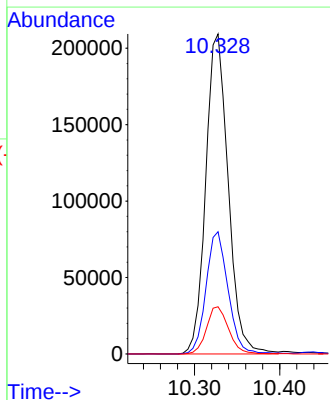
06/01/2022

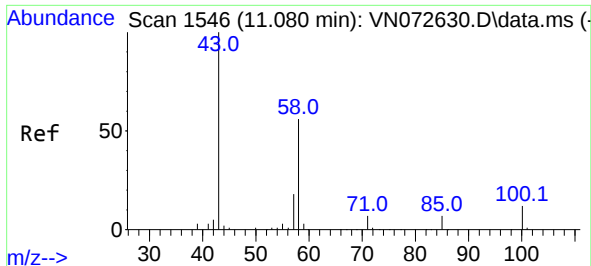


#58
4-Methyl-2-Pentanone
Concen: 102.083 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53



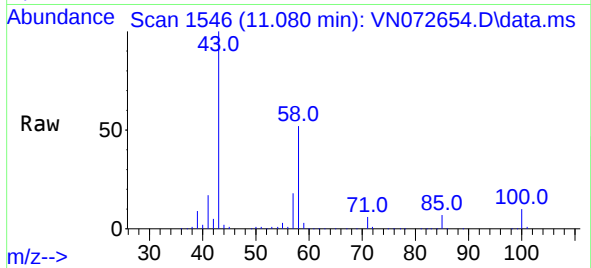
Tgt Ion: 43 Resp: 383132
Ion Ratio Lower Upper
43 100
58 37.2 30.0 45.0
85 14.5 15.0 22.6





#59
2-Hexanone
Concen: 111.305 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



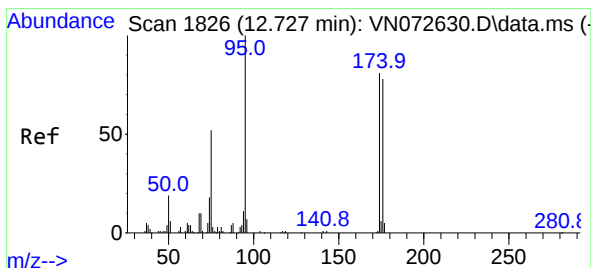
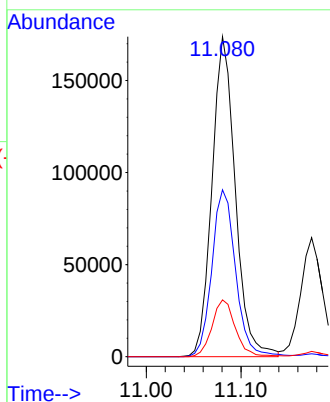
Tgt Ion: 43 Resp: 29792
Ion Ratio Lower Upper
43 100
58 53.1 42.2 63.2
57 17.8 15.0 22.4

Manual Integrations
APPROVED

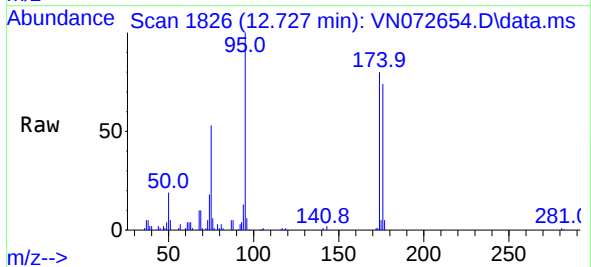
Reviewed By :John
Carlone

06/01/2022
Supervised By :Mahesh
Dadoda

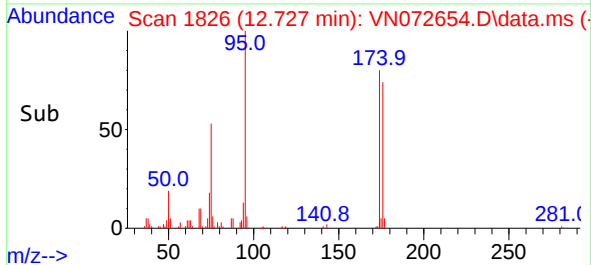
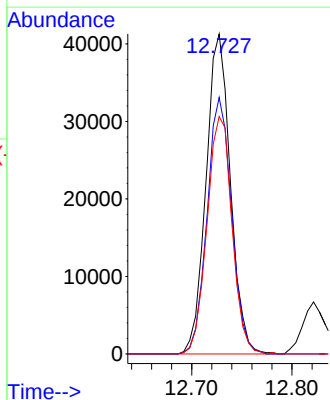
06/01/2022

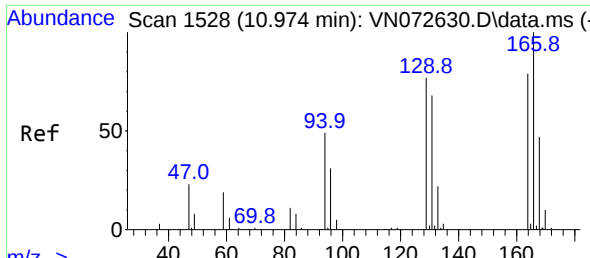


#60
4-Bromofluorobenzene
Concen: 30.554 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53



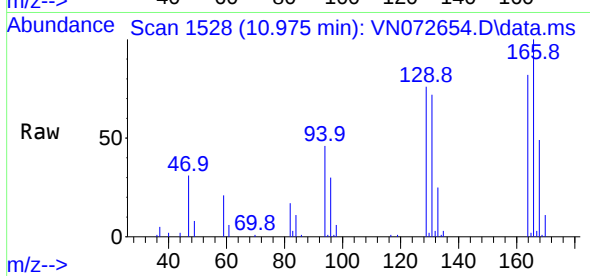
Tgt Ion: 95 Resp: 69721
Ion Ratio Lower Upper
95 100
174 80.7 62.9 94.3
176 75.9 61.0 91.4





#61
Tetrachloroethene
Concen: 18.870 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



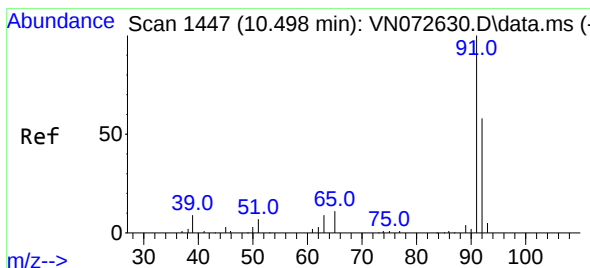
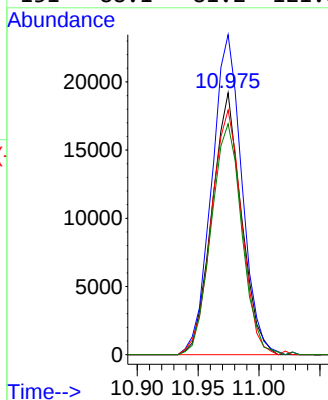
Tgt Ion:164 Resp: 32449
Ion Ratio Lower Upper
164 100
166 122.2 105.8 158.8
129 93.4 82.5 123.7
131 88.1 81.2 121.8

Manual Integrations
APPROVED

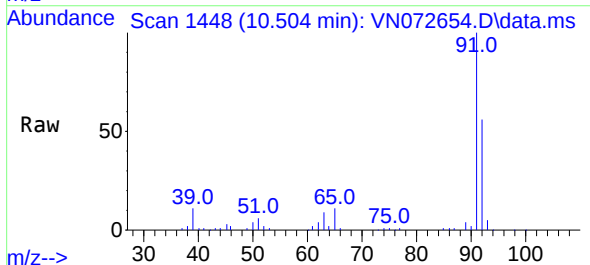
Reviewed By :John
Carlone

06/01/2022
Supervised By :Mahesh
Dadoda

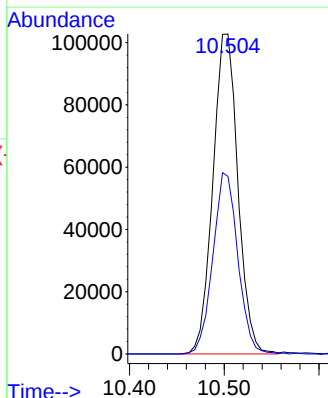
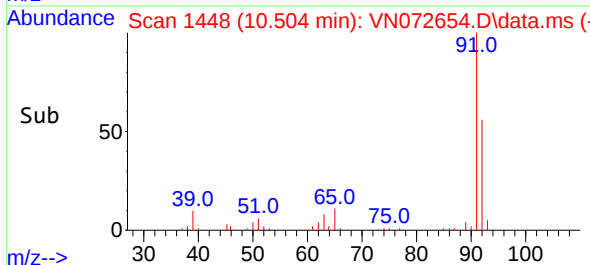
06/01/2022

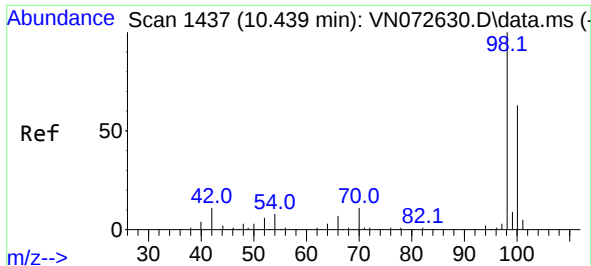


#62
Toluene
Concen: 20.720 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53



Tgt Ion: 91 Resp: 189005
Ion Ratio Lower Upper
91 100
92 56.4 44.6 67.0





#63
Toluene-d8
Concen: 29.005 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

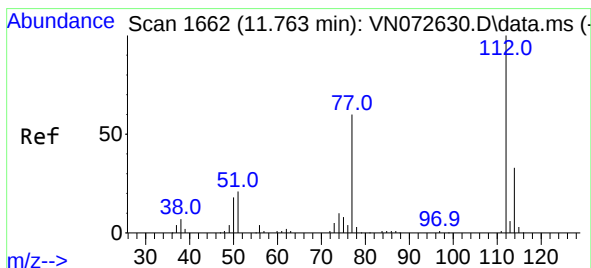
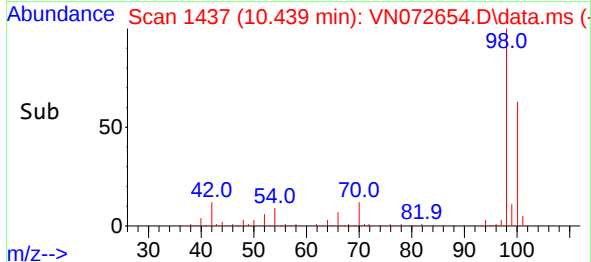
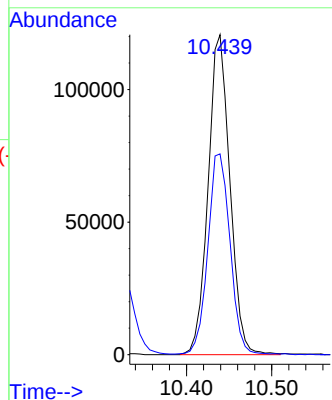
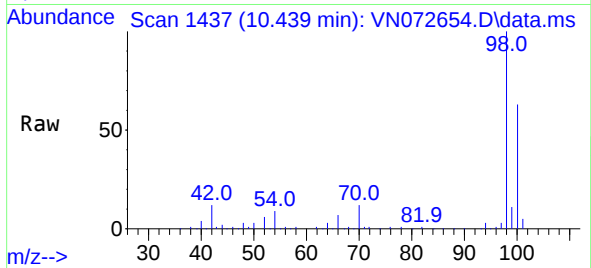
Tgt Ion: 98 Resp: 214289
Ion Ratio Lower Upper
98 100
100 63.6 50.6 76.0

Manual Integrations
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Reviewed By :John
Carlone

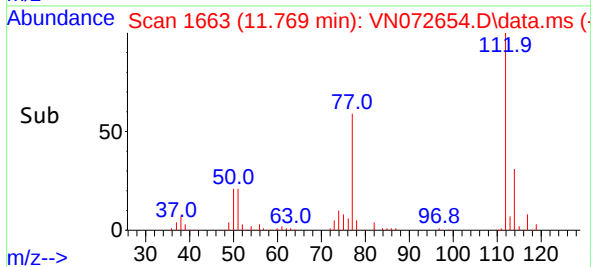
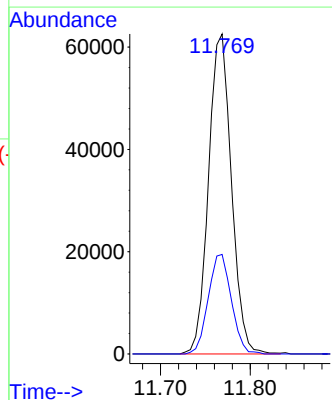
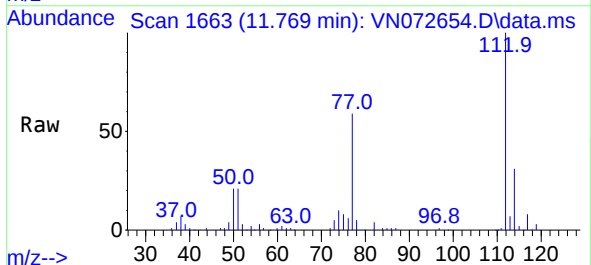
06/01/2022
Supervised By :Mahesh
Dadoda

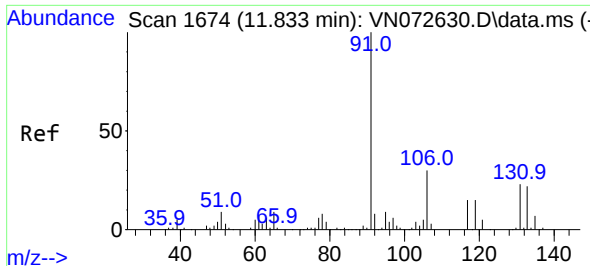
06/01/2022



#64
Chlorobenzene
Concen: 20.921 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

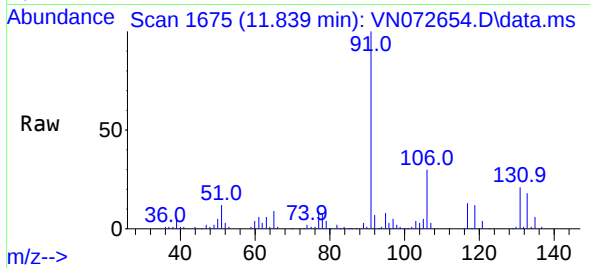
Tgt Ion:112 Resp: 110888
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 21.153 ug/l
RT: 11.839 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



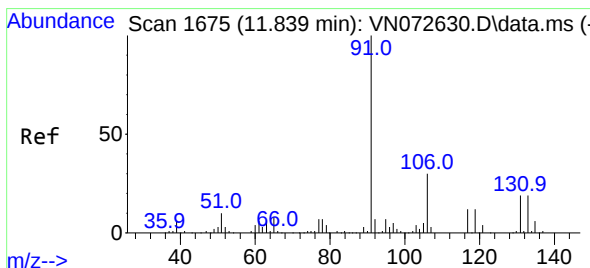
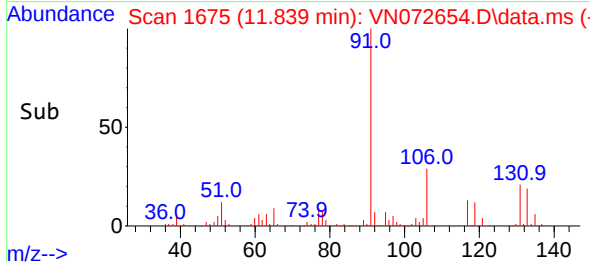
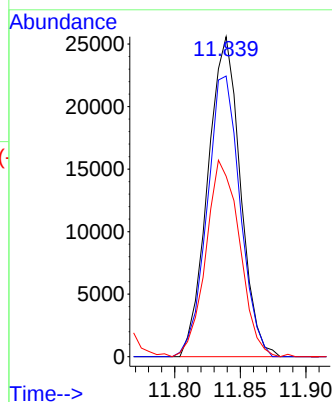
Tgt Ion:131 Resp: 44150
Ion Ratio Lower Upper
131 100
133 88.8 0.0 191.2
119 63.6 0.0 128.8

Manual Integrations
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Reviewed By :John
Carlone

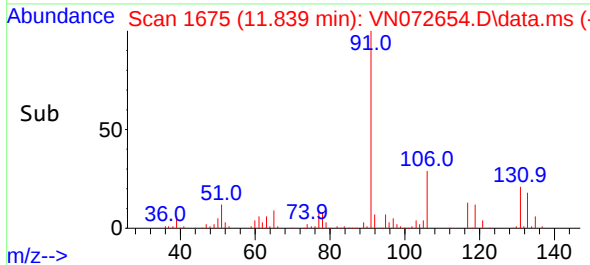
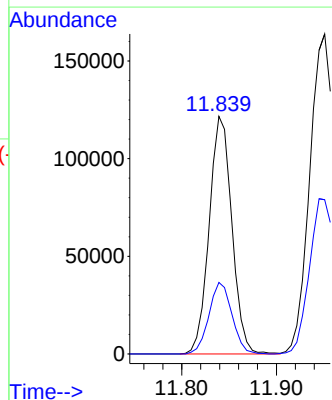
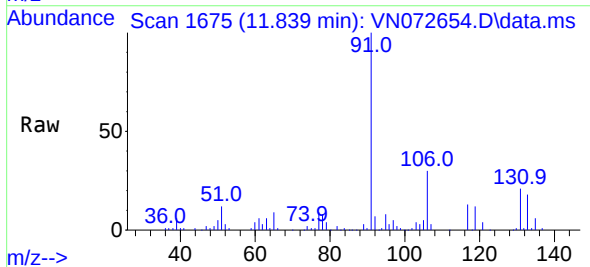
06/01/2022
Supervised By :Mahesh
Dadoda

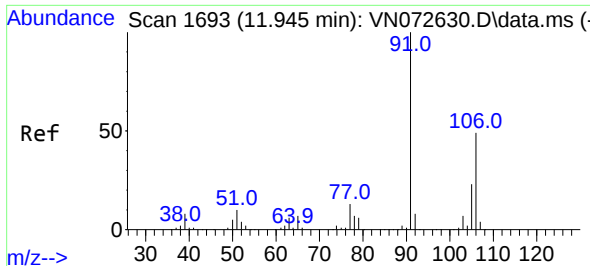
06/01/2022



#66
Ethyl Benzene
Concen: 20.135 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

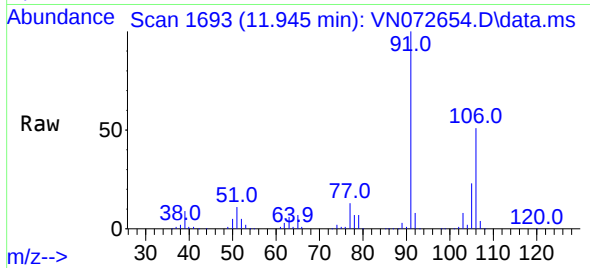
Tgt Ion: 91 Resp: 202602
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0





#67
m/p-Xylenes
Concen: 42.571 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



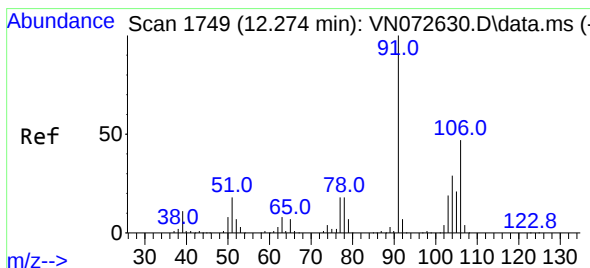
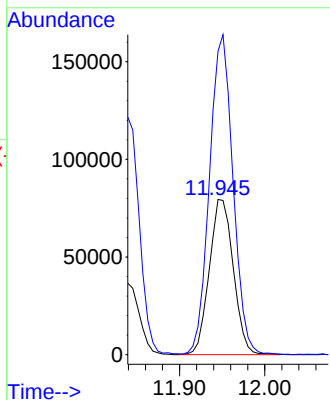
Tgt Ion:106 Resp: 155692
Ion Ratio Lower Upper
106 100
91 202.1 162.9 244.3

Manual Integrations
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Reviewed By :John
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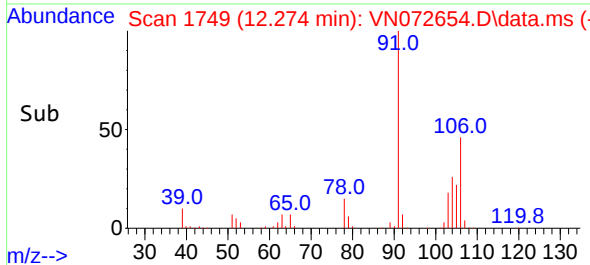
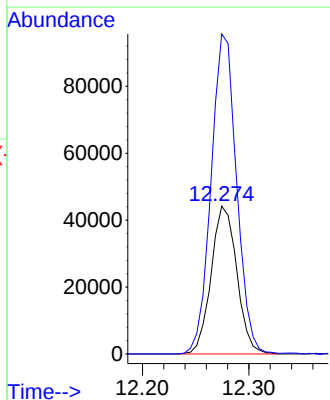
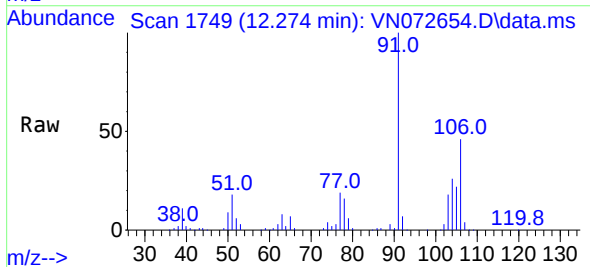
06/01/2022
Supervised By :Mahesh
Dadoda

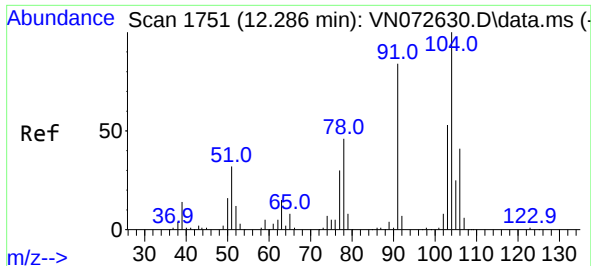
06/01/2022



#68
o-Xylene
Concen: 20.341 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Tgt Ion:106 Resp: 74012
Ion Ratio Lower Upper
106 100
91 214.6 107.7 323.1





#69
 Styrene
 Concen: 21.197 ug/l
 RT: 12.292 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN072654.D
 Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

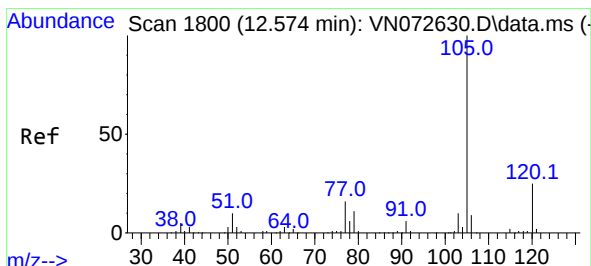
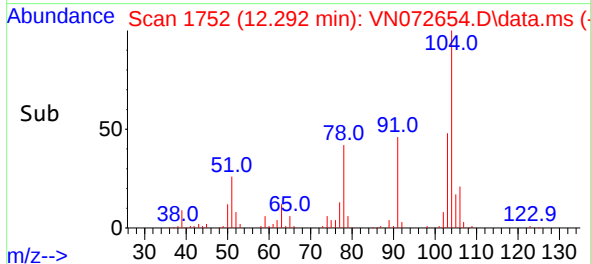
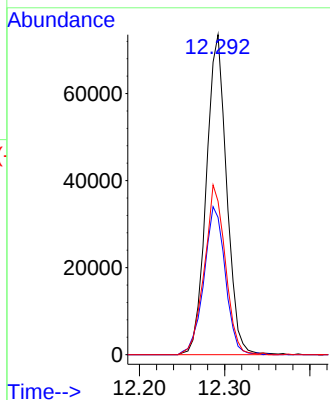
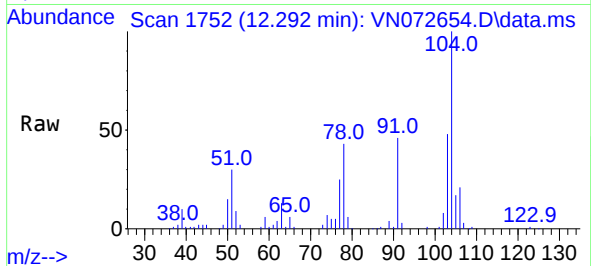
Tgt Ion:104 Resp: 122199
 Ion Ratio Lower Upper
 104 100
 78 48.5 40.7 61.1
 103 54.4 45.8 68.8

Manual Integrations
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Reviewed By :John
 Carlone

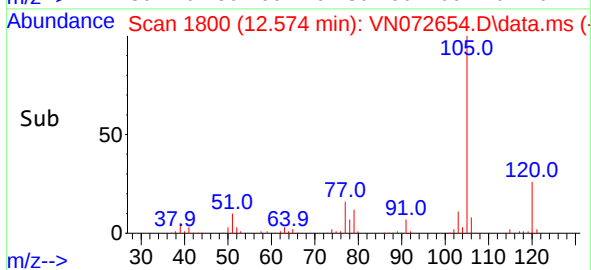
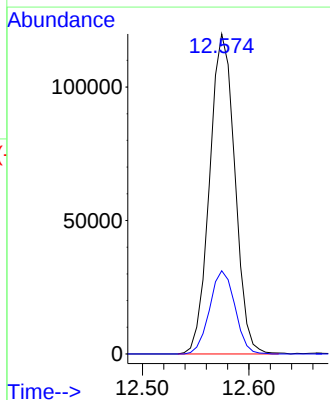
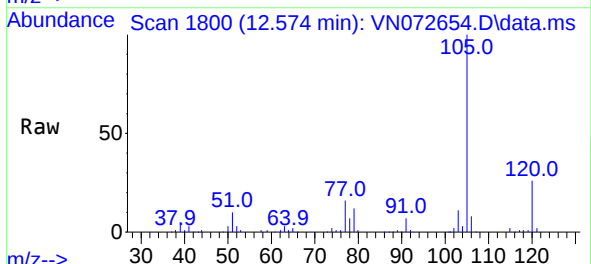
06/01/2022
 Supervised By :Mahesh
 Dadoda

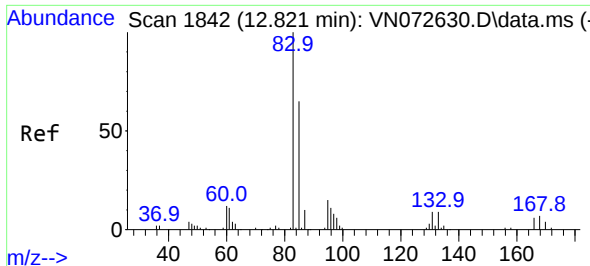
06/01/2022



#70
 Isopropylbenzene
 Concen: 21.248 ug/l
 RT: 12.574 min Scan# 1800
 Delta R.T. 0.000 min
 Lab File: VN072654.D
 Acq: 31 May 2022 16:53

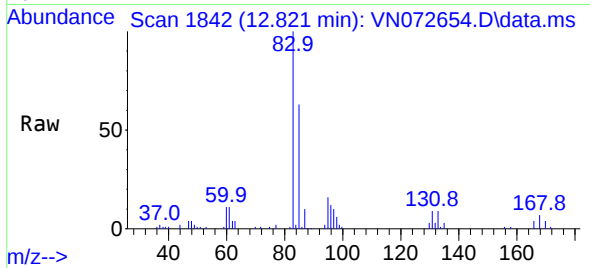
Tgt Ion:105 Resp: 197531
 Ion Ratio Lower Upper
 105 100
 120 26.0 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 22.325 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



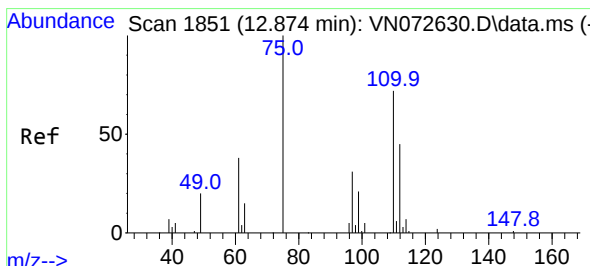
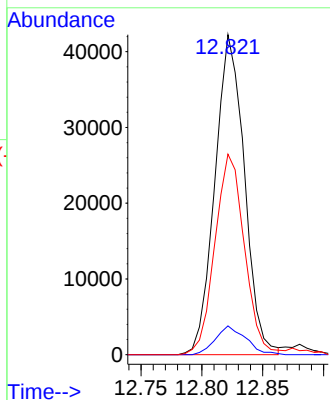
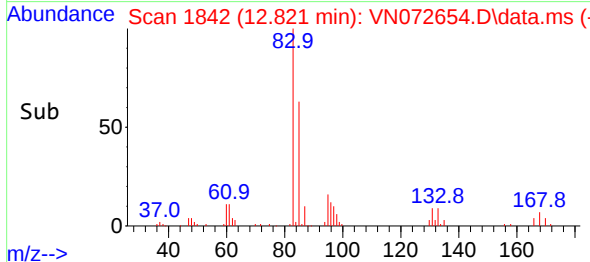
Tgt Ion: 83 Resp: 7125
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 62.9 33.1 99.2

Manual Integrations
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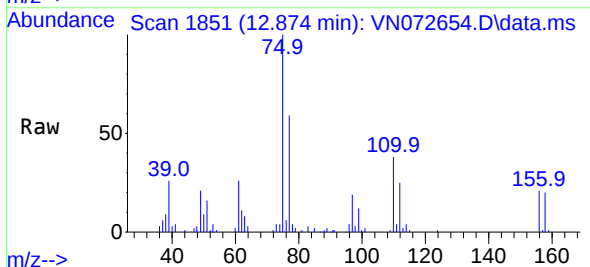
Reviewed By :John
Carlone

06/01/2022
Supervised By :Mahesh
Dadoda

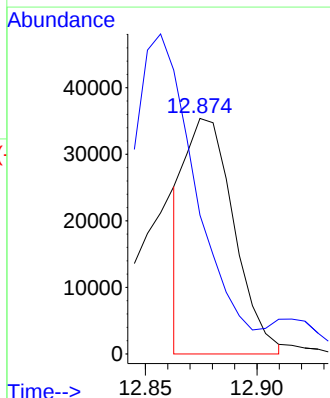
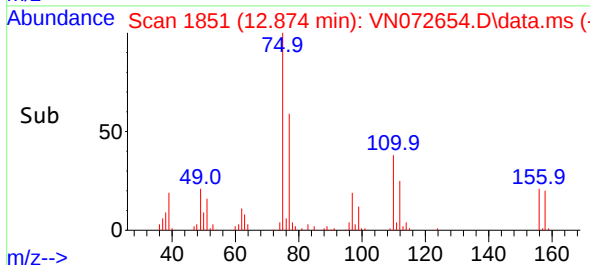
06/01/2022

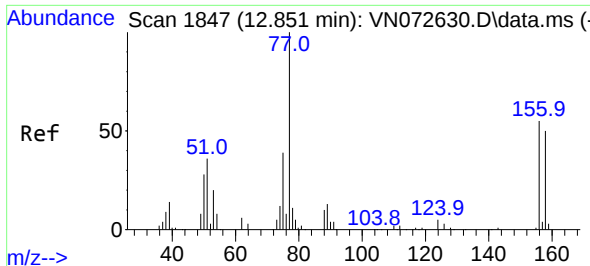


#72
1,2,3-Trichloropropane
Concen: 20.070 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53



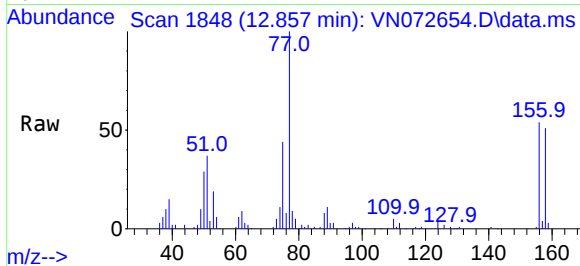
Tgt Ion: 75 Resp: 54051
Ion Ratio Lower Upper
75 100
77 182.7 0.0 378.0





#73
Bromobenzene
Concen: 21.692 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



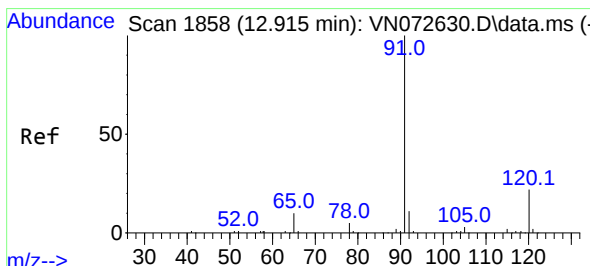
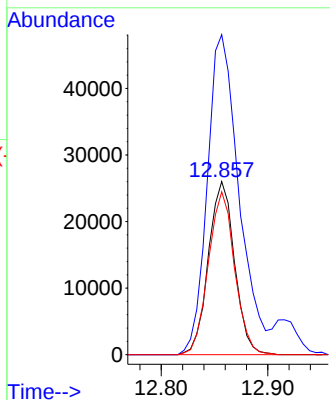
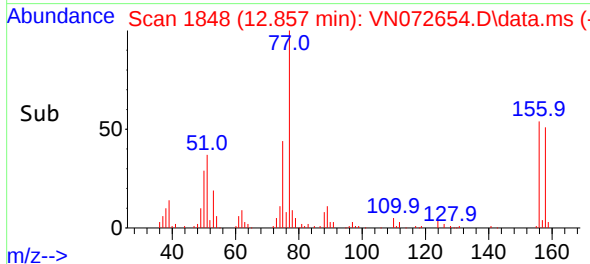
Tgt Ion:156 Resp: 44299
Ion Ratio Lower Upper
156 100
77 222.9 0.0 416.0
158 94.7 0.0 195.4

Manual Integrations
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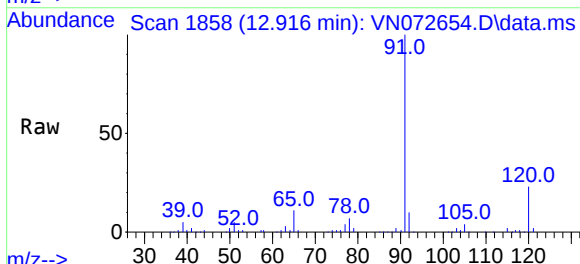
Reviewed By :John
Carlone

06/01/2022
Supervised By :Mahesh
Dadoda

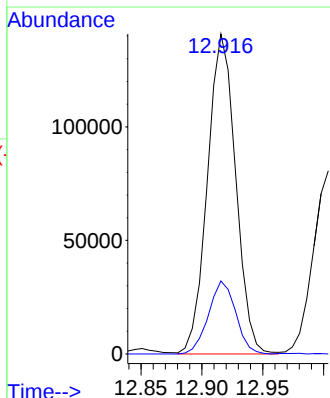
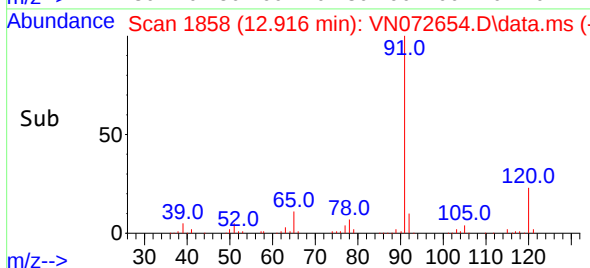
06/01/2022

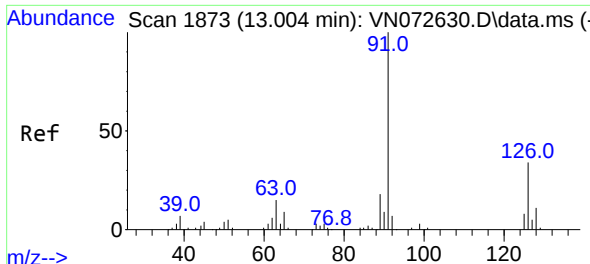


#74
n-propylbenzene
Concen: 21.630 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53



Tgt Ion: 91 Resp: 227365
Ion Ratio Lower Upper
91 100
120 22.0 0.0 45.0





#75
2-Chlorotoluene
Concen: 21.308 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 135849
Ion Ratio Lower Upper
91 100
126 32.5 0.0 69.8

Manual Integrations

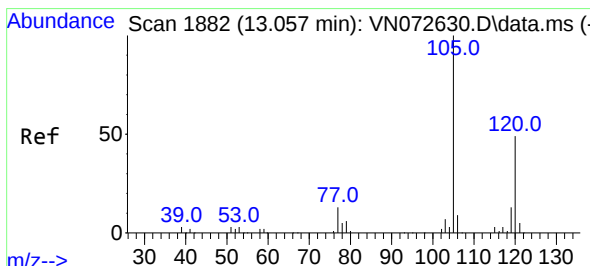
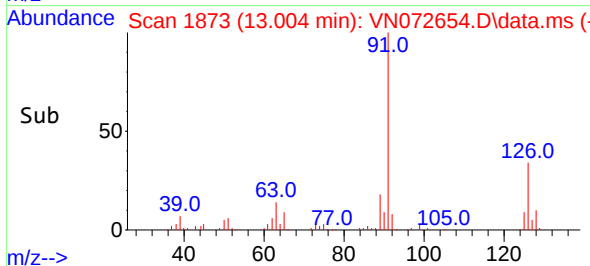
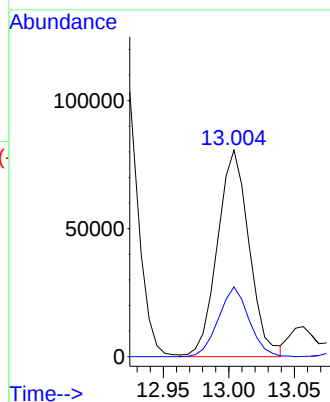
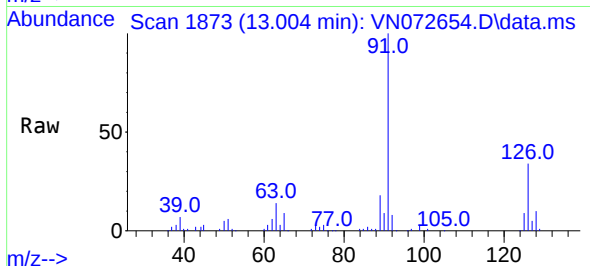
APPROVED

Reviewed By :John
Carlone

06/01/2022

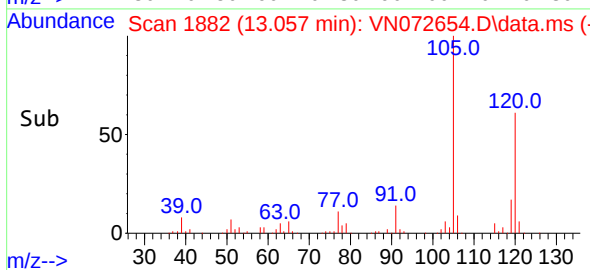
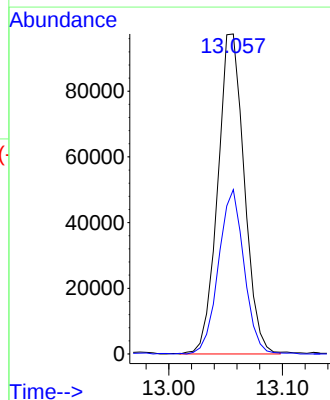
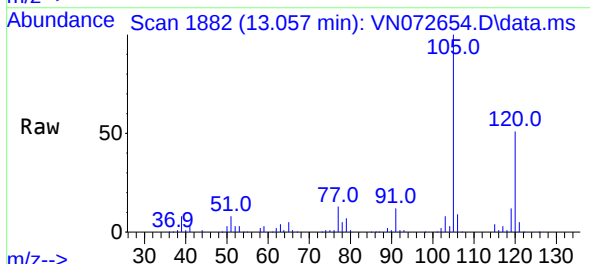
Supervised By :Mahesh
Dadoda

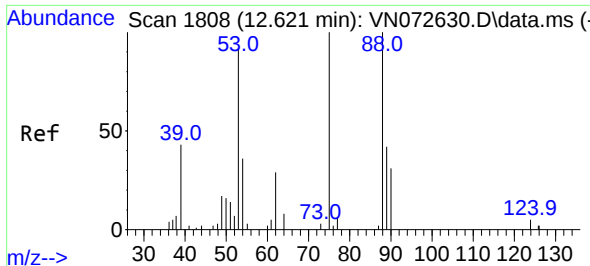
06/01/2022



#76
1,3,5-Trimethylbenzene
Concen: 21.557 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Tgt Ion:105 Resp: 158153
Ion Ratio Lower Upper
105 100
120 49.4 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 21.142 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

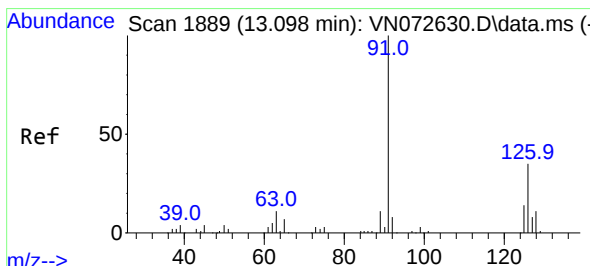
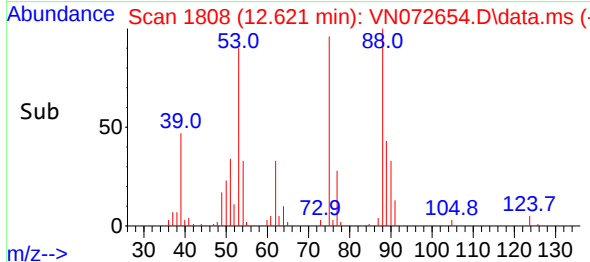
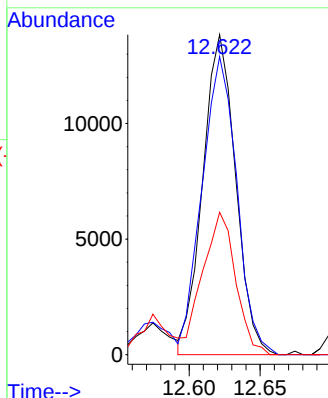
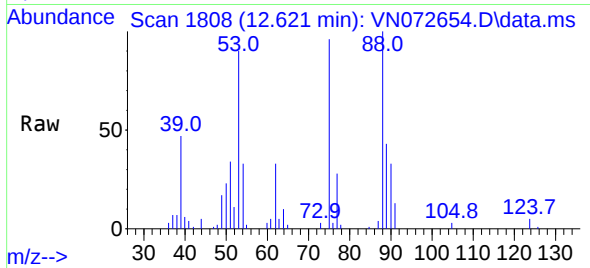
Tgt Ion: 75 Resp: 2225
Ion Ratio Lower Upper
75 100
53 93.2 51.8 155.5
89 44.5 22.9 68.7

Manual Integrations
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Reviewed By :John
Carlone

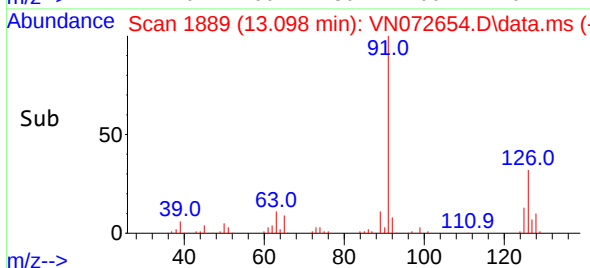
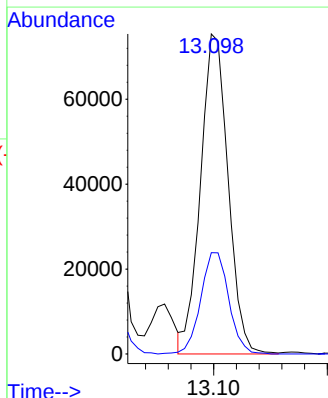
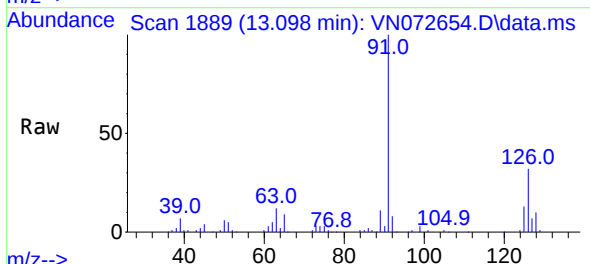
06/01/2022
Supervised By :Mahesh
Dadoda

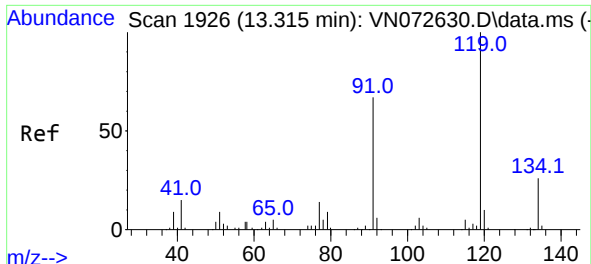
06/01/2022



#78
4-Chlorotoluene
Concen: 21.911 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Tgt Ion: 91 Resp: 127183
Ion Ratio Lower Upper
91 100
126 32.3 0.0 70.6





#79
tert-butylbenzene
Concen: 21.554 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

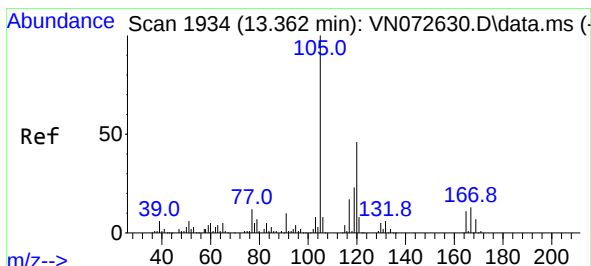
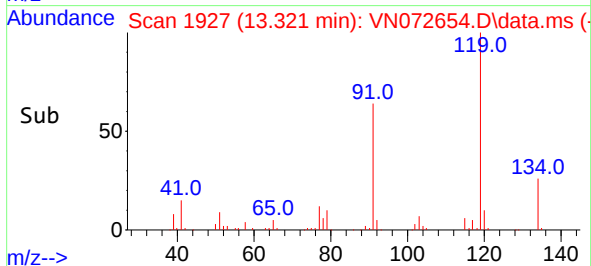
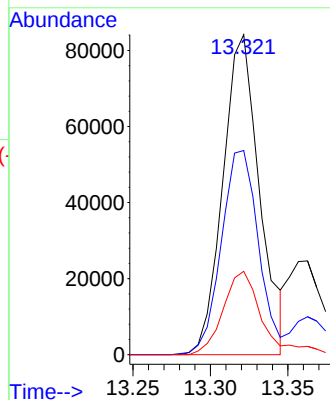
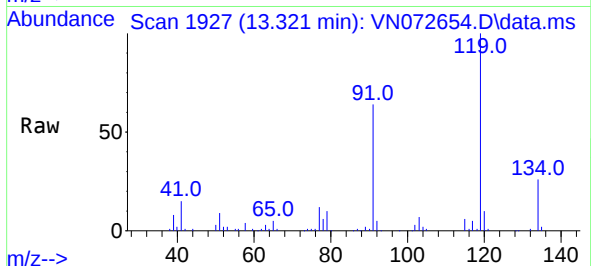
Tgt Ion:119 Resp: 13837
Ion Ratio Lower Upper
119 100
91 64.6 0.0 137.0
134 25.4 0.0 47.6

Manual Integrations
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Reviewed By :John
Carlone

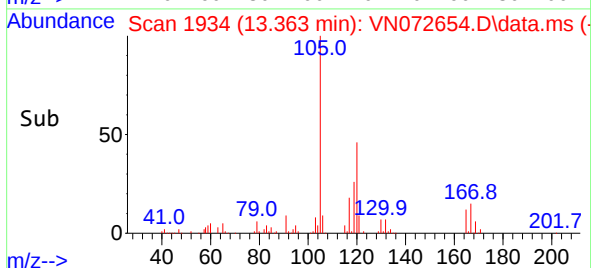
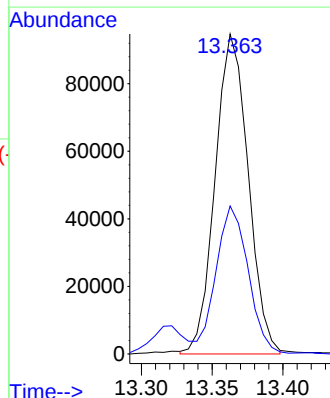
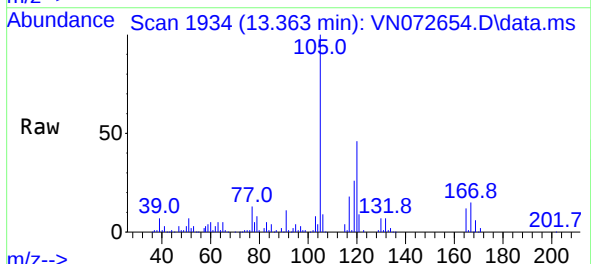
06/01/2022
Supervised By :Mahesh
Dadoda

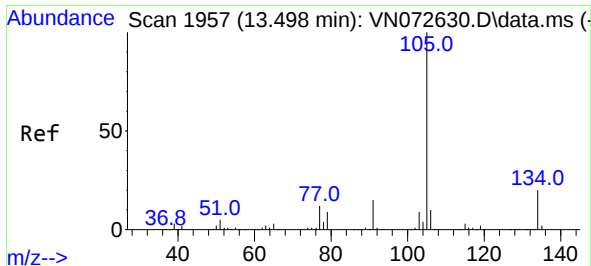
06/01/2022



#80
1,2,4-Trimethylbenzene
Concen: 21.746 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Tgt Ion:105 Resp: 153973
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
sec-Butylbenzene
Concen: 21.228 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

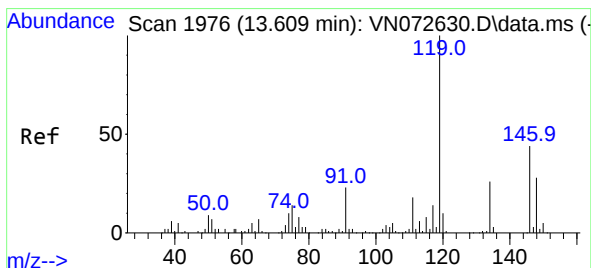
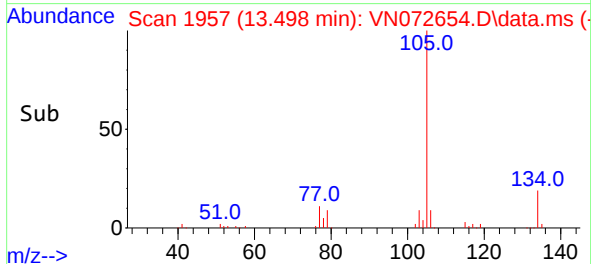
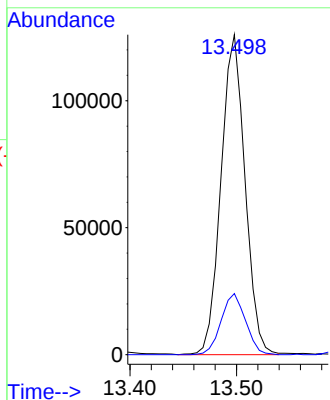
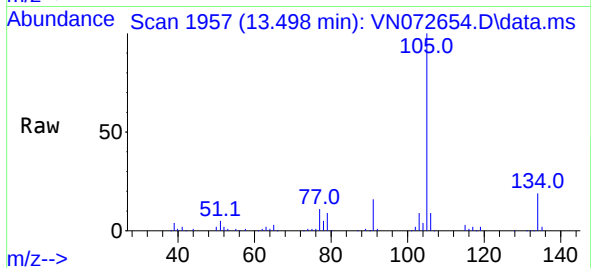
Tgt Ion:105 Resp: 19716
Ion Ratio Lower Upper
105 100
134 19.4 0.0 39.4

Manual Integrations
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Reviewed By :John
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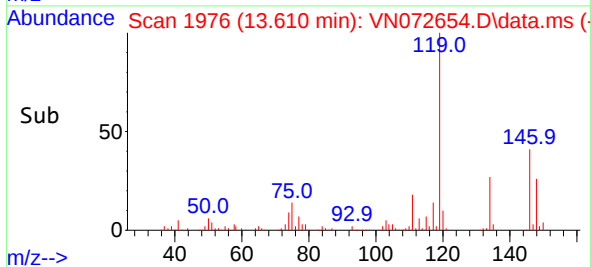
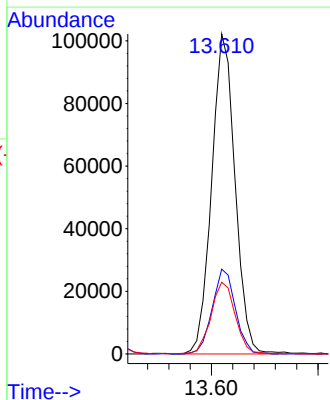
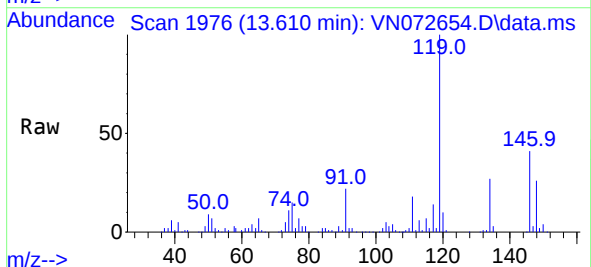
06/01/2022
Supervised By :Mahesh
Dadoda

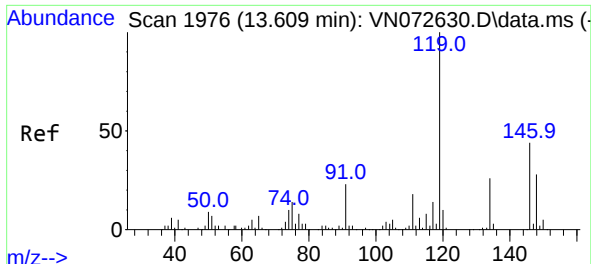
06/01/2022



#82
p-Isopropyltoluene
Concen: 21.577 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Tgt Ion:119 Resp: 155360
Ion Ratio Lower Upper
119 100
134 26.2 0.0 51.8
91 23.2 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 20.757 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

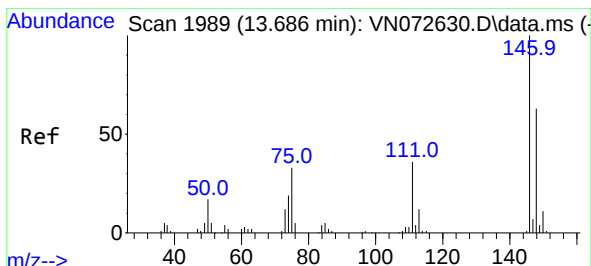
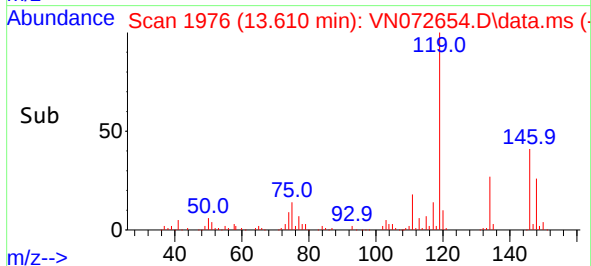
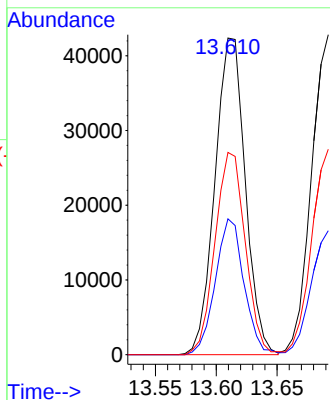
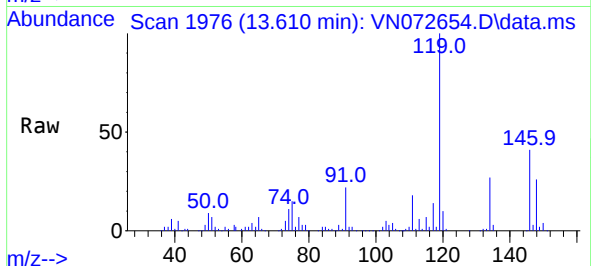
Tgt Ion:146 Resp: 7357
Ion Ratio Lower Upper
146 100
111 40.6 20.8 62.2
148 63.9 31.4 94.3

Manual Integrations
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Reviewed By :John
Carlone

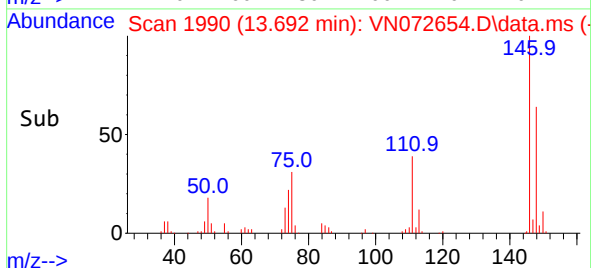
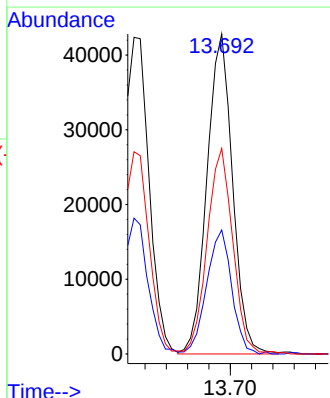
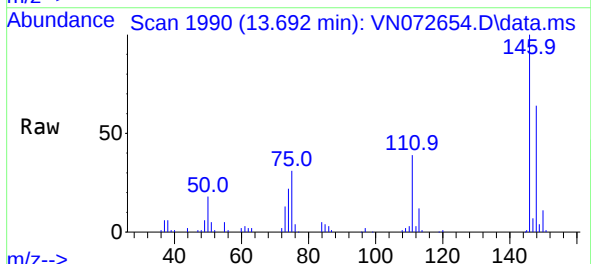
06/01/2022
Supervised By :Mahesh
Dadoda

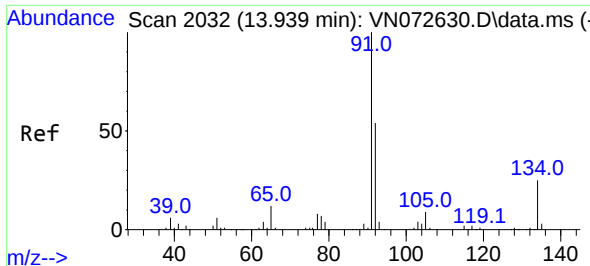
06/01/2022



#84
1,4-Dichlorobenzene
Concen: 20.724 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Tgt Ion:146 Resp: 71361
Ion Ratio Lower Upper
146 100
111 37.9 19.5 58.5
148 64.0 31.1 93.5





#85
n-Butylbenzene
Concen: 20.896 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

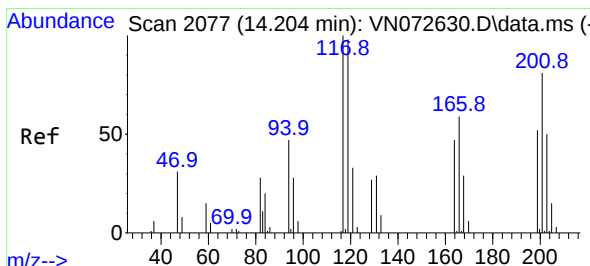
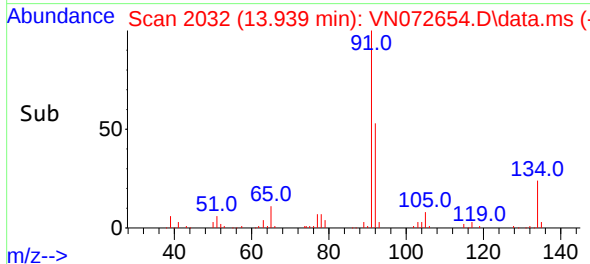
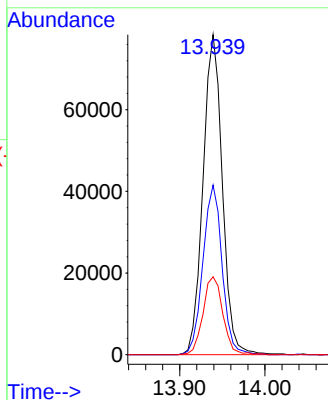
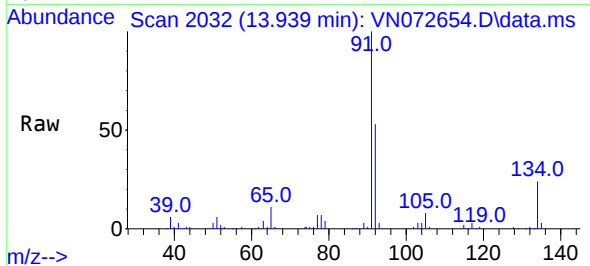
Tgt Ion: 91 Resp: 12363
Ion Ratio Lower Upper
91 100
92 52.6 0.0 100.6
134 25.0 0.0 50.2

Manual Integrations
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Reviewed By :John
Carlone

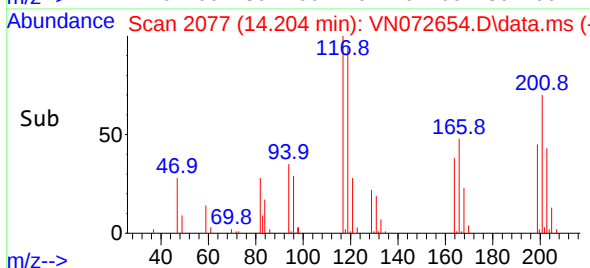
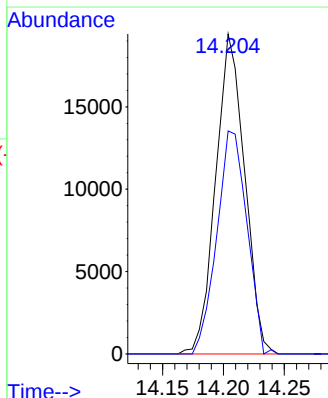
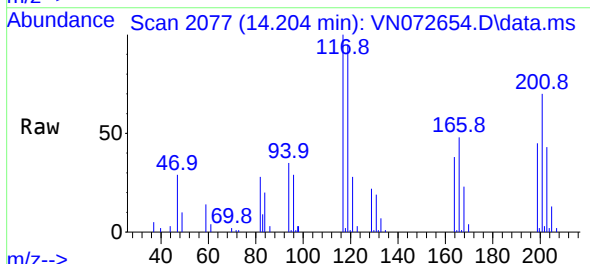
06/01/2022
Supervised By :Mahesh
Dadoda

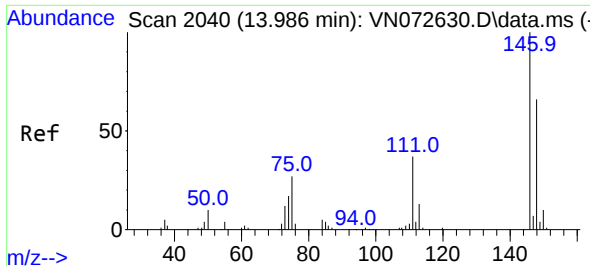
06/01/2022



#86
Hexachloroethane
Concen: 22.389 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Tgt Ion:117 Resp: 32106
Ion Ratio Lower Upper
117 100
201 72.2 33.3 99.8





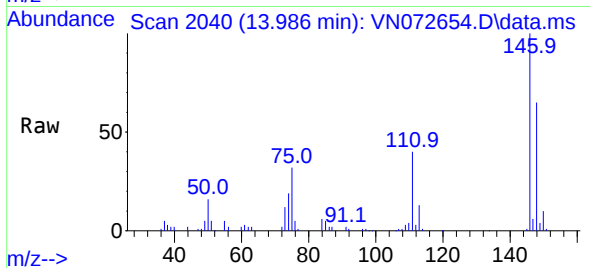
#87
1,2-Dichlorobenzene
Concen: 21.471 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



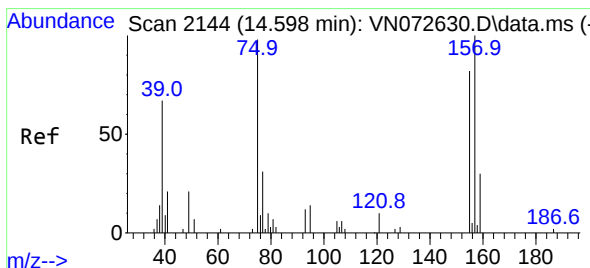
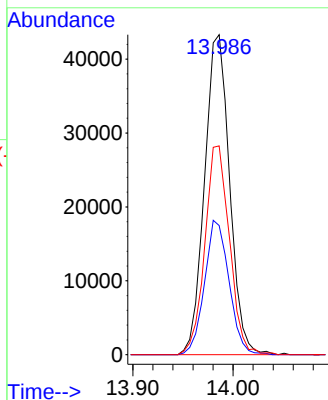
Tgt Ion:146 Resp: 7516
Ion Ratio Lower Upper
146 100
111 41.0 21.4 64.2
148 64.1 32.5 97.4

Manual Integrations
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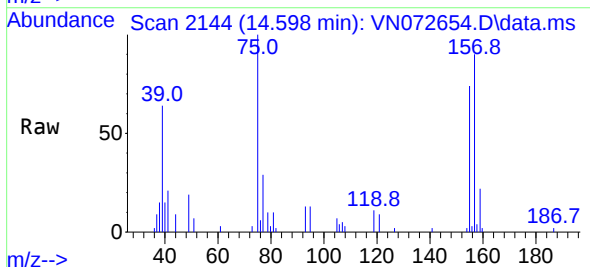
Reviewed By :John
Carlone

06/01/2022
Supervised By :Mahesh
Dadoda

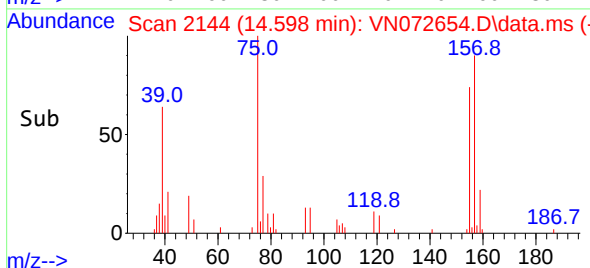
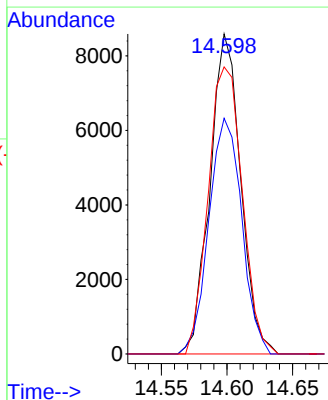
06/01/2022

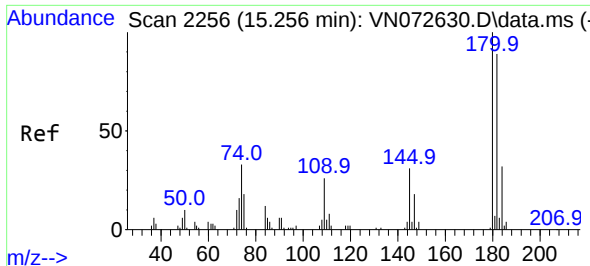


#88
1,2-Dibromo-3-Chloropropane
Concen: 22.648 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53



Tgt Ion: 75 Resp: 14043
Ion Ratio Lower Upper
75 100
155 78.7 63.8 95.8
157 99.3 77.9 116.9





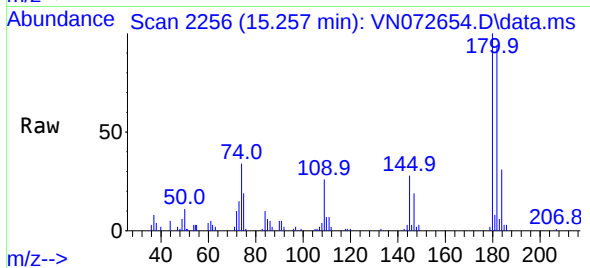
#89
1,2,4-Trichlorobenzene
Concen: 21.386 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



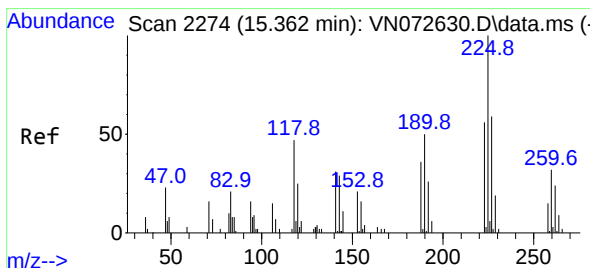
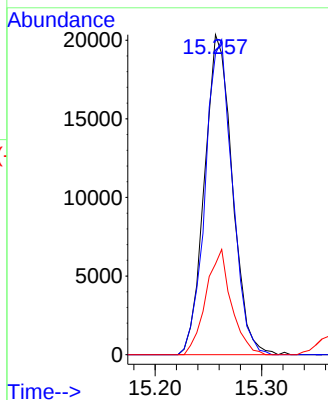
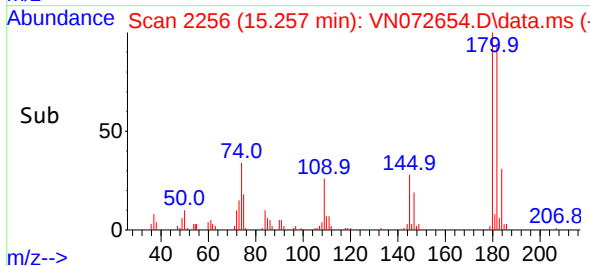
Tgt Ion:180 Resp: 36939
Ion Ratio Lower Upper
180 100
182 96.2 77.7 116.5
145 30.1 26.6 39.8

Manual Integrations
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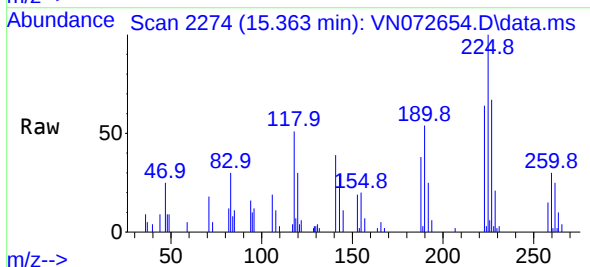
Reviewed By :John
Carlone

06/01/2022
Supervised By :Mahesh
Dadoda

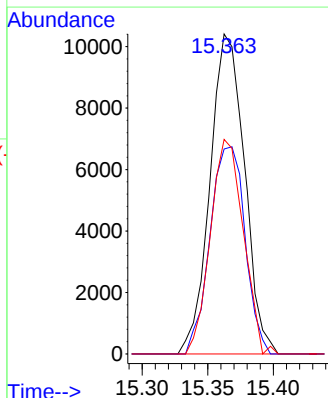
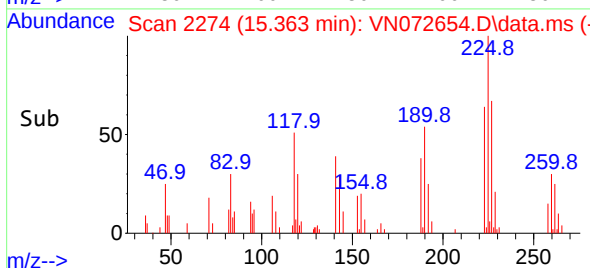
06/01/2022

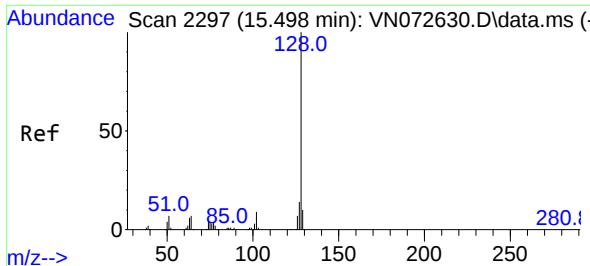


#90
Hexachlorobutadiene
Concen: 21.995 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53



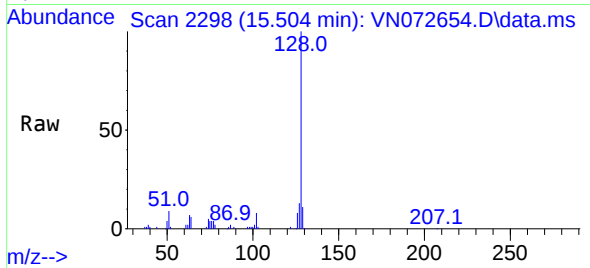
Tgt Ion:225 Resp: 19053
Ion Ratio Lower Upper
225 100
223 65.8 0.0 126.8
227 63.5 0.0 123.0





#91
Naphthalene
Concen: 20.662 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



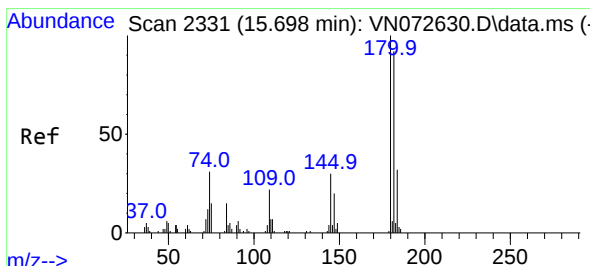
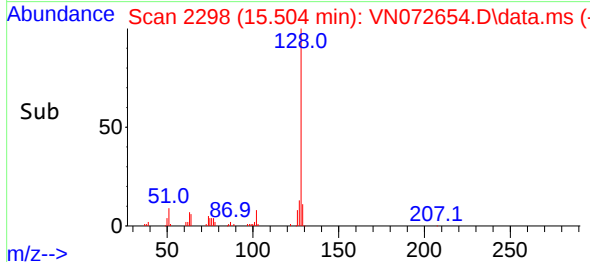
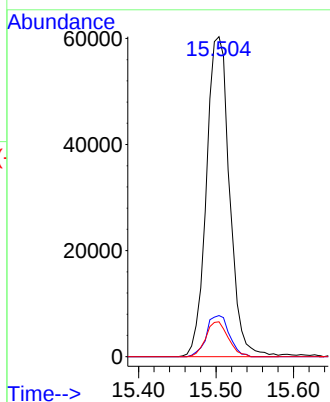
Tgt Ion:128 Resp: 125238
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 10.6 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

06/01/2022
Supervised By :Mahesh
Dadoda

06/01/2022



#92
1,2,3-Trichlorobenzene
Concen: 21.863 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072654.D
Acq: 31 May 2022 16:53

Tgt Ion:180 Resp: 38553
Ion Ratio Lower Upper
180 100
182 92.8 0.0 190.0
145 31.4 0.0 67.8

