

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069619.D
 Acq On : 22 Nov 2021 19:10
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Nov 23 03:54:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 11/23/2021
 Supervised By :Mahesh
 Dadoda
 11/23/2021

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

Internal Standards						
1) Bromochloromethane	7.659	128	166621	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	940847	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.744	117	852250	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	456767	31.609	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.367%			
60) 4-Bromofluorobenzene	12.731	95	392367	28.769	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.900%			
63) Toluene-d8	10.443	98	1221790	31.049	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	255348	20.739	ug/l	99
3) Chloromethane	2.306	50	276640	21.550	ug/l	95
4) Vinyl Chloride	2.448	62	265686	20.411	ug/l	99
5) Bromomethane	2.867	94	153520	18.415	ug/l	98
6) Chloroethane	3.025	64	159173	19.382	ug/l	99
7) Trichlorofluoromethane	3.379	101	352631	18.483	ug/l	100
8) Diethyl Ether	3.824	74	124074	20.602	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.210	101	183422m	20.776	ug/l	
10) 1,1-Dichloroethene	4.181	96	170604	20.489	ug/l	88
11) Methyl Iodide	4.425	142	239761	20.667	ug/l	98
12) Methyl Acetate	4.859	43	499515	20.830	ug/l #	88
13) Acrolein	4.044	56	74155	112.473	ug/l	100
14) Acrylonitrile	5.559	53	680209	103.971	ug/l	100
15) Acetone	4.291	58	179327	82.261	ug/l	77
16) Carbon Disulfide	4.529	76	384412	18.470	ug/l	100
17) Allyl chloride	4.843	41	352788	19.934	ug/l	92
18) Methylene Chloride	5.098	84	214318	20.204	ug/l #	85
19) trans-1,2-Dichloroethene	5.600	96	185437	20.294	ug/l #	83
20) Diisopropyl ether	6.498	45	776100	20.466	ug/l #	94
21) 1,1-Dichloroethane	6.391	63	400316	20.808	ug/l	99
22) cis-1,2-Dichloroethene	7.327	96	226341	19.972	ug/l	94
23) tert-Butyl Alcohol	5.380	59	218815m	96.102	ug/l	
24) Methyl tert-Butyl Ether	5.618	73	666589	19.975	ug/l	95
25) Chloroform	7.818	83	457231	22.986	ug/l	99
26) Cyclohexane	8.094	56	363185	19.884	ug/l #	86
29) 1,1-Dichloropropene	8.225	75	286920	19.978	ug/l	96
30) 2-Butanone	7.340	43	1013191	97.463	ug/l	91
31) 2,2-Dichloropropane	7.329	77	272094	17.921	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	339494	20.248	ug/l	95
33) Carbon Tetrachloride	8.206	117	275450	19.891	ug/l	99
34) Benzene	8.461	78	903309	20.682	ug/l #	95
35) Methacrylonitrile	7.638	41	188958	19.818	ug/l	88
36) 1,2-Dichloroethane	8.531	62	355990	21.142	ug/l	99
37) Trichloroethene	9.218	130	209672	19.871	ug/l	93
38) Methylcyclohexane	9.462	83	335835	18.900	ug/l	88
39) 1,2-Dichloropropane	9.491	63	242894	20.998	ug/l	99
40) Dibromomethane	9.580	93	155437	20.064	ug/l	96
41) Bromodichloromethane	9.762	83	292253	20.099	ug/l	97
42) Vinyl Acetate	6.439	43	2952278m	100.492	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	392314	20.364	ug/l	97
44) Isopropyl Acetate	8.563	43	609195	20.283	ug/l	95
45) 1,4-Dioxane	9.569	88	92403	378.994	ug/l	88
46) Methyl methacrylate	9.561	41	273756	19.790	ug/l	85
47) n-amyl Acetate	12.390	43	355827	15.428	ug/l	98
48) t-1,3-Dichloropropene	10.719	75	274186	17.570	ug/l	98
49) cis-1,3-Dichloropropene	10.191	75	317910	18.722	ug/l	94
50) 1,1,2-Trichloroethane	10.899	97	217053	19.730	ug/l	95
51) Ethyl methacrylate	10.762	69	337868	18.318	ug/l	91
52) 1,3-Dichloropropane	11.044	76	385199	20.271	ug/l	100
53) Dibromochloromethane	11.240	129	198478	18.880	ug/l	99
54) 1,2-Dibromoethane	11.347	107	222063	19.491	ug/l	99
55) 2-Chloroethyl vinyl ether	10.044	63	417765	99.577	ug/l	97
56) Bromoform	12.460	173	130407	17.299	ug/l #	100
58) 4-Methyl-2-Pentanone	10.331	43	2021321	108.048	ug/l #	94
59) 2-Hexanone	11.087	43	1369611	96.247	ug/l	95
61) Tetrachloroethene	10.980	164	190569	20.834	ug/l	95
62) Toluene	10.505	91	964648	20.598	ug/l	100
64) Chlorobenzene	11.771	112	553794	19.710	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.841	131	202966	20.518	ug/l	99
66) Ethyl Benzene	11.846	91	1025283	19.779	ug/l	100
67) m/p-Xylenes	11.953	106	753064	39.113	ug/l	96
68) o-Xylene	12.280	106	374995	19.452	ug/l	97
69) Styrene	12.294	104	581887	18.618	ug/l	97
70) Isopropylbenzene	12.578	105	974226	19.324	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	339328	20.397	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	295320m	18.223	ug/l	
73) Bromobenzene	12.862	156	223661	19.245	ug/l	93
74) n-propylbenzene	12.921	91	1073093	18.533	ug/l	97
75) 2-Chlorotoluene	13.007	91	669410	18.992	ug/l	97
76) 1,3,5-Trimethylbenzene	13.061	105	797304	19.268	ug/l	99
77) t-1,4-Dichloro-2-butene	12.624	75	67532	15.437	ug/l	77
78) 4-Chlorotoluene	13.106	91	623167	18.462	ug/l	94
79) tert-butylbenzene	13.324	119	683801	18.785	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	757497m	18.766	ug/l	
81) sec-Butylbenzene	13.503	105	920819	18.080	ug/l	100
82) p-Isopropyltoluene	13.616	119	721446	17.753	ug/l	100
83) 1,3-Dichlorobenzene	13.616	146	361792	18.208	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	339657	17.620	ug/l	98
85) n-Butylbenzene	13.943	91	526285	15.517	ug/l	99
86) Hexachloroethane	14.211	117	119808	17.814	ug/l	92
87) 1,2-Dichlorobenzene	13.989	146	359331	18.738	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.606	75	53021	18.206	ug/l	98
89) 1,2,4-Trichlorobenzene	15.265	180	133880	14.560	ug/l	96
90) Hexachlorobutadiene	15.370	225	97962	19.701	ug/l	100
91) Naphthalene	15.507	128	315753	11.921	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	131716	14.572	ug/l	98

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

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APPROVED

Reviewed By :John

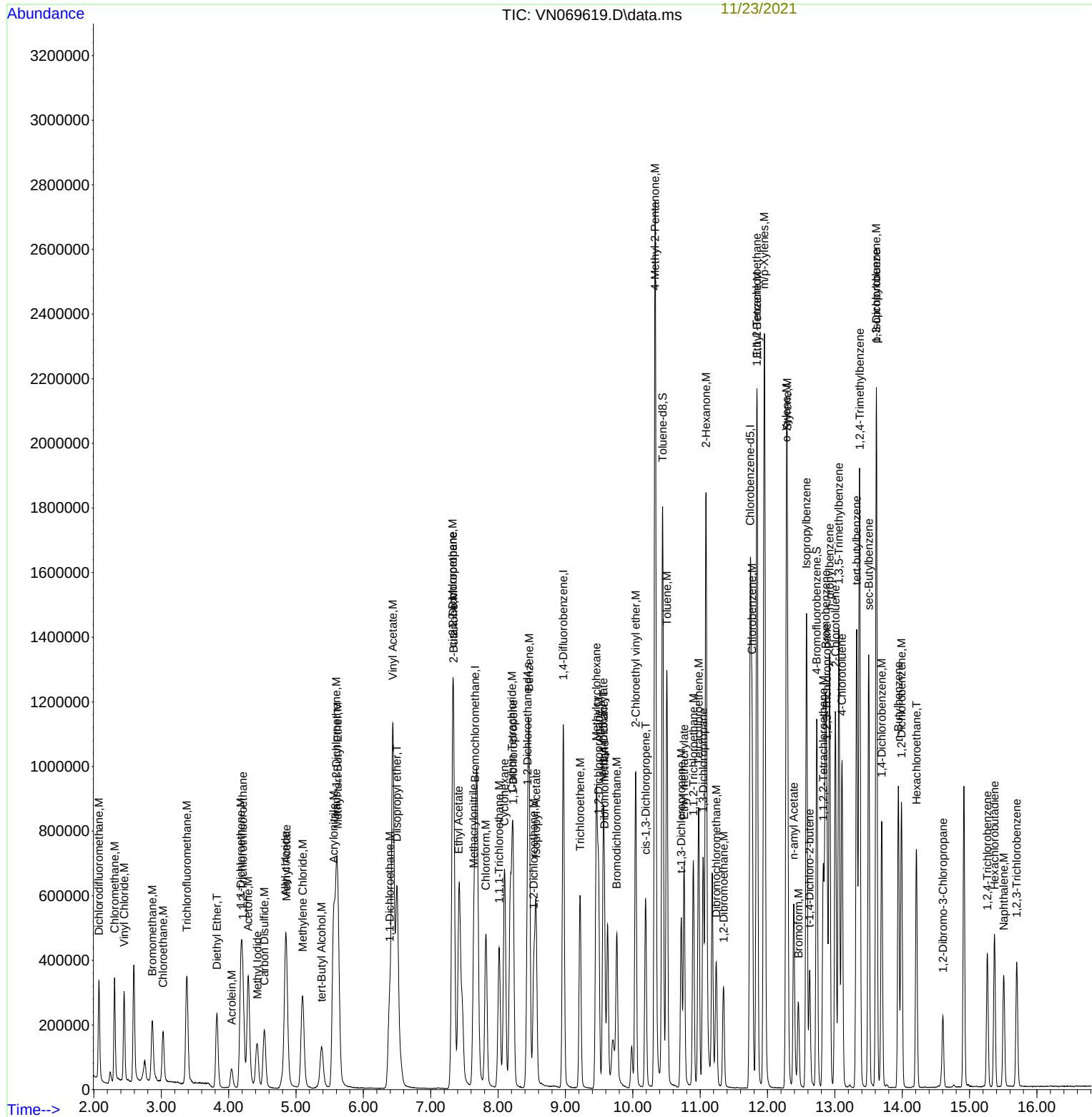
Carlone

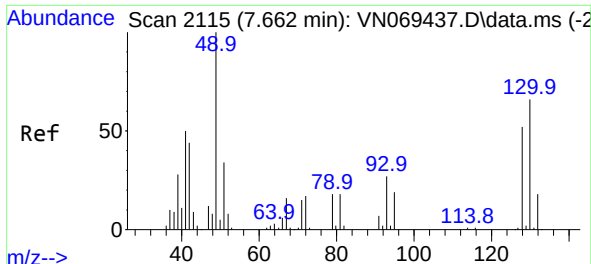
11/23/2021

Supervised By :Mahesh

Dadoda

11/23/2021





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:128 Resp: 16662
Ion Ratio Lower Upper
128 100
49 192.5 0.0 392.3
130 130.2 0.0 320.2

Manual Integrations
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Reviewed By :John

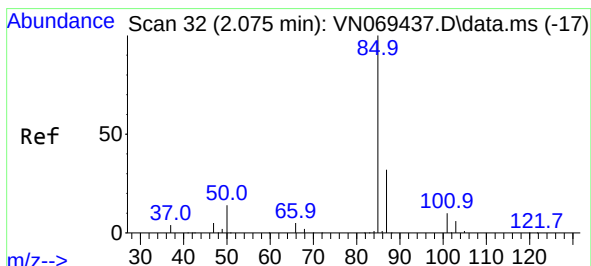
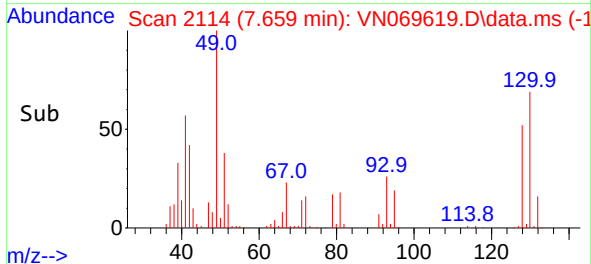
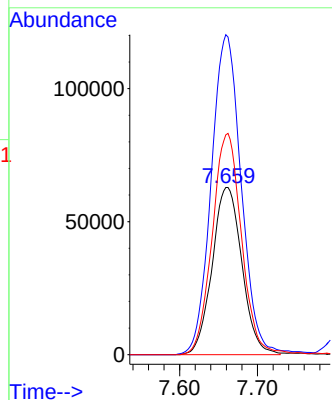
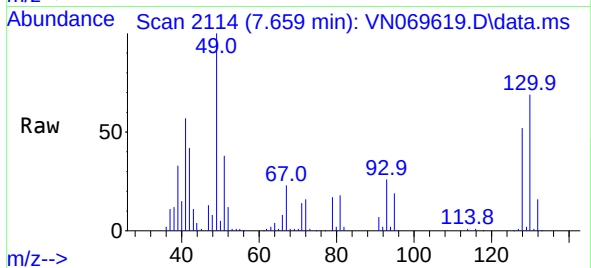
Carlone

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Supervised By :Mahesh

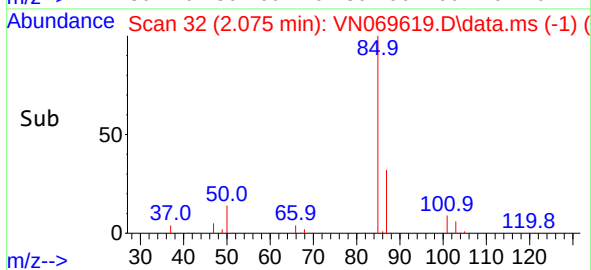
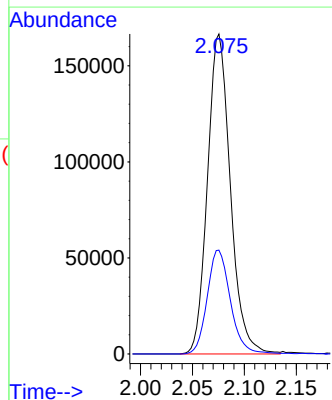
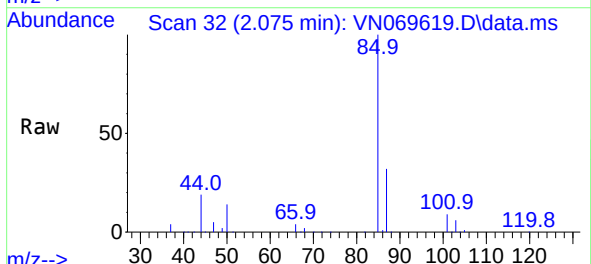
Dadoda

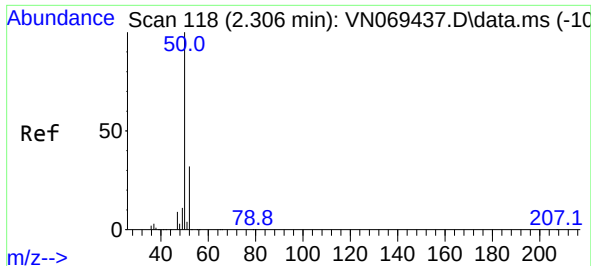
11/23/2021



#2
Dichlorodifluoromethane
Concen: 20.739 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

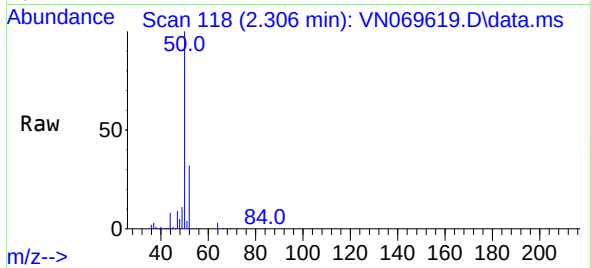
Tgt Ion: 85 Resp: 255348
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.7





#3
Chloromethane
Concen: 21.550 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

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VSTDCCC020EC

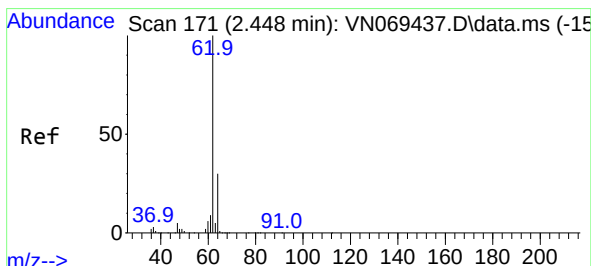
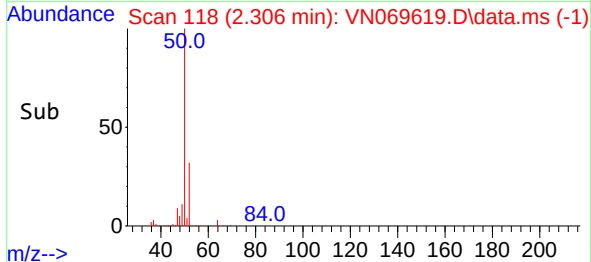
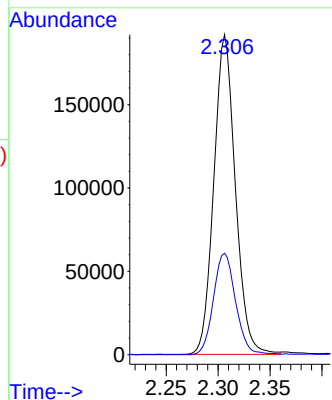


Tgt Ion: 50 Resp: 276640
Ion Ratio Lower Upper
50 100
52 31.7 27.8 41.6

Manual Integrations
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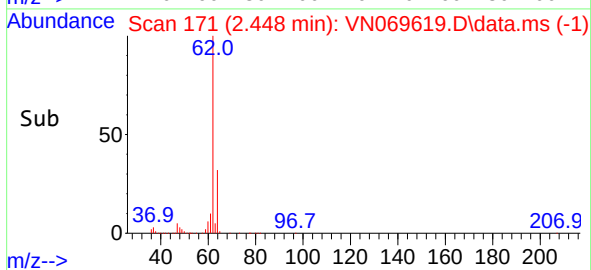
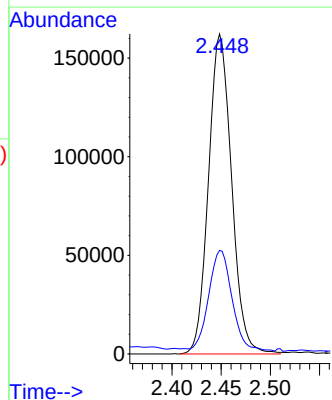
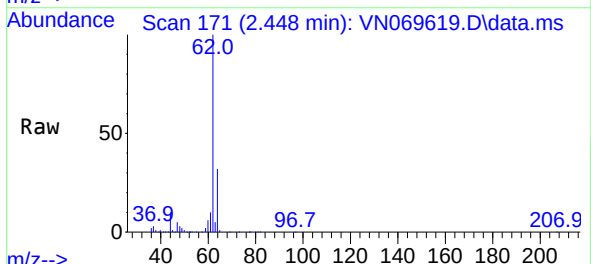
Reviewed By :John
Carlone
11/23/2021

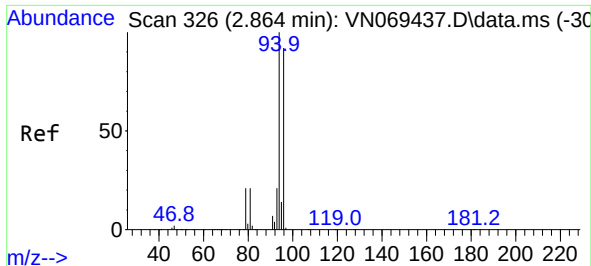
Supervised By :Mahesh
Dadoda
11/23/2021



#4
Vinyl Chloride
Concen: 20.411 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

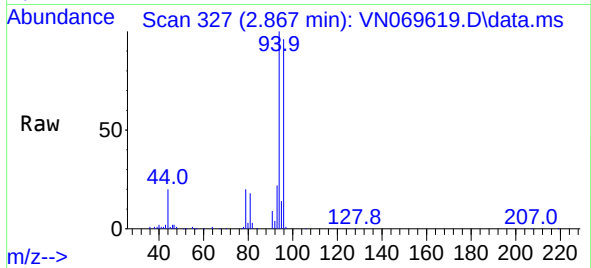
Tgt Ion: 62 Resp: 265686
Ion Ratio Lower Upper
62 100
64 30.8 25.1 37.7





#5
Bromomethane
Concen: 18.415 ug/l
RT: 2.867 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

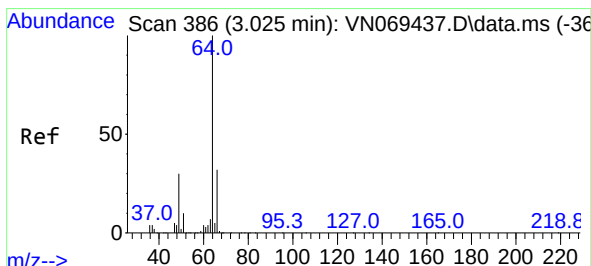
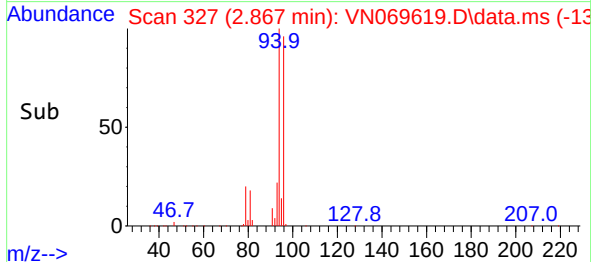
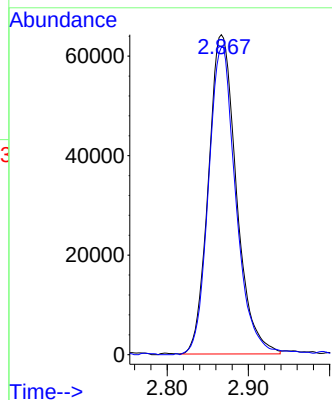
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 153520
Ion Ratio Lower Upper
94 100
96 96.3 75.2 112.8

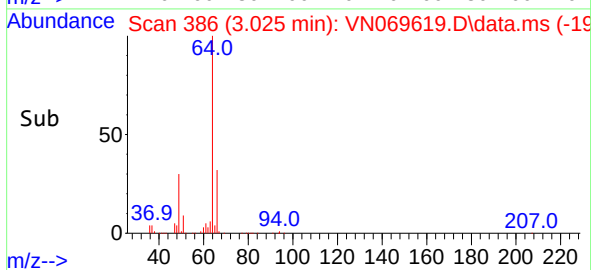
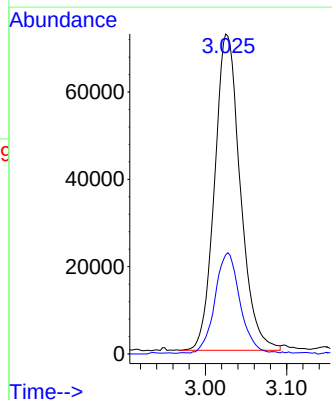
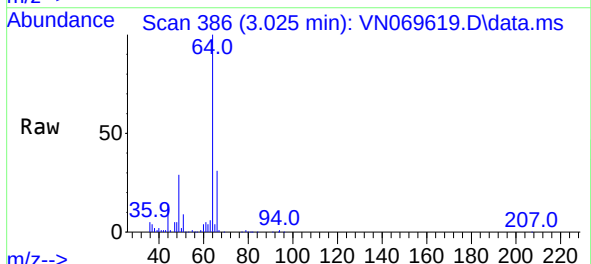
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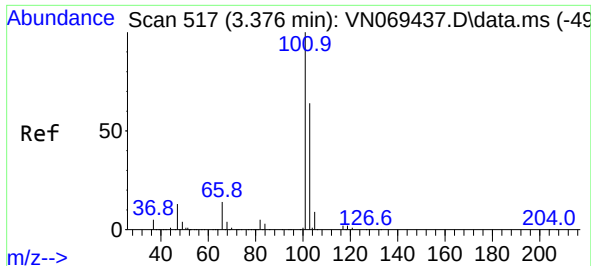
Reviewed By :John
Carlone
11/23/2021
Supervised By :Mahesh
Dadoda
11/23/2021



#6
Chloroethane
Concen: 19.382 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.000 min
Lab File: VN069619.D
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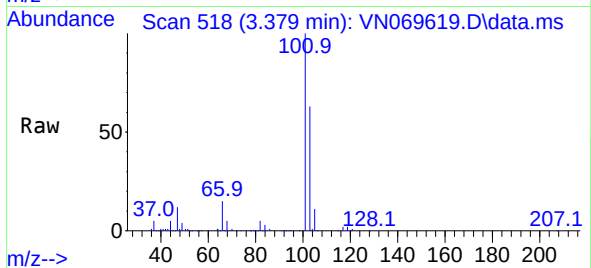
Tgt Ion: 64 Resp: 159173
Ion Ratio Lower Upper
64 100
66 31.0 24.6 36.8





#7
Trichlorofluoromethane
Concen: 18.483 ug/l
RT: 3.379 min Scan# 517
Delta R.T. 0.000 min
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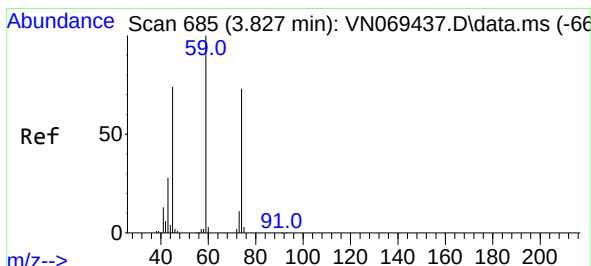
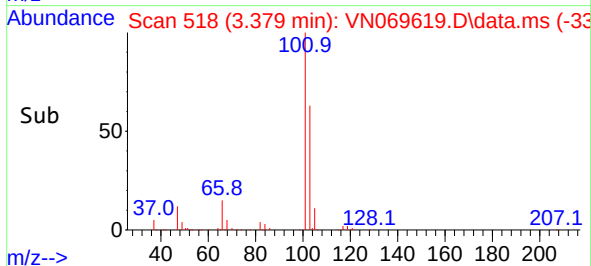
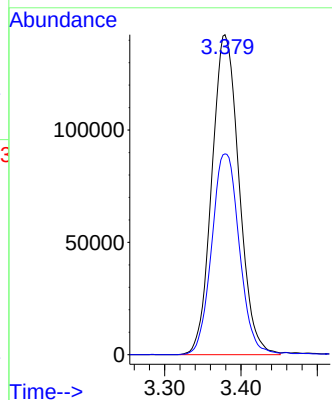
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Tgt Ion:101 Resp: 35263
Ion Ratio Lower Upper
101 100
103 62.6 50.1 75.1

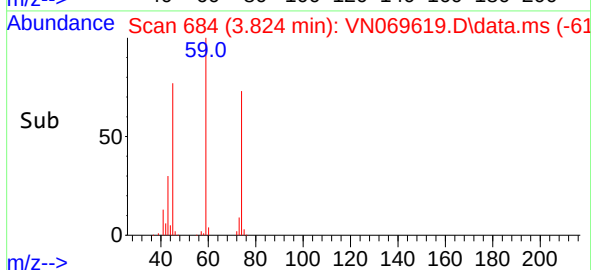
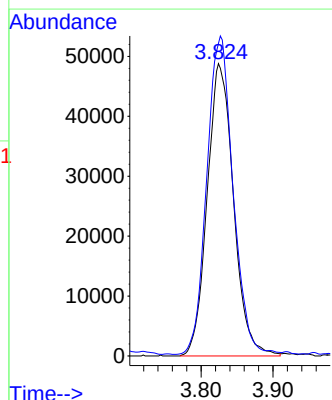
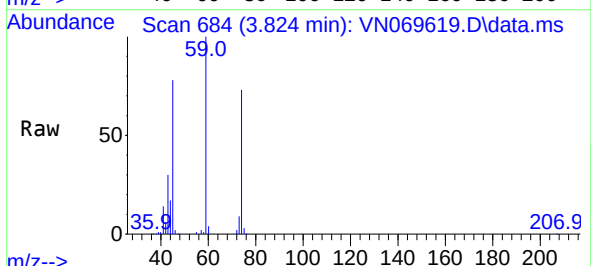
Manual Integrations
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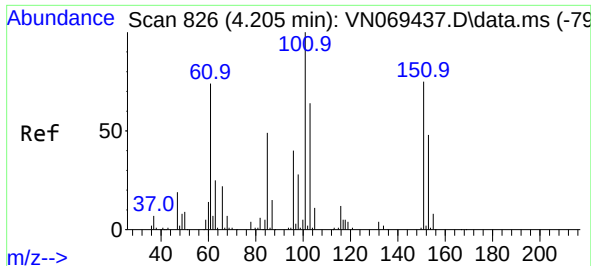
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Dadoda
11/23/2021



#8
Diethyl Ether
Concen: 20.602 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.005 min
Lab File: VN069619.D
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Tgt Ion: 74 Resp: 124074
Ion Ratio Lower Upper
74 100
45 107.9 17.6 158.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.776 ug/l m
RT: 4.210 min Scan# 81
Delta R.T. -0.010 min
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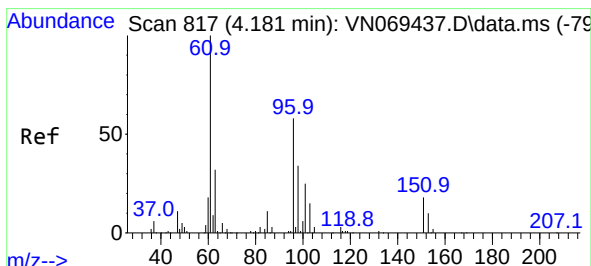
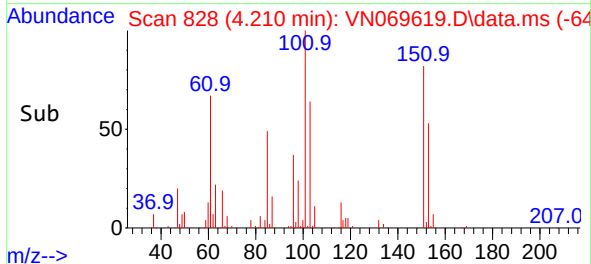
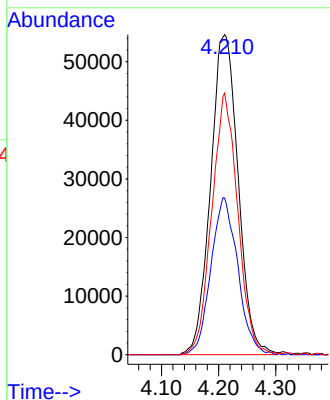
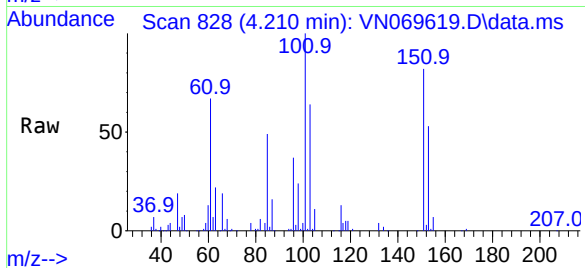
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MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 18342
Ion Ratio Lower Upper
101 100
85 0.0 0.0 94.0
151 0.0 0.0 74.6

Manual Integrations
APPROVED

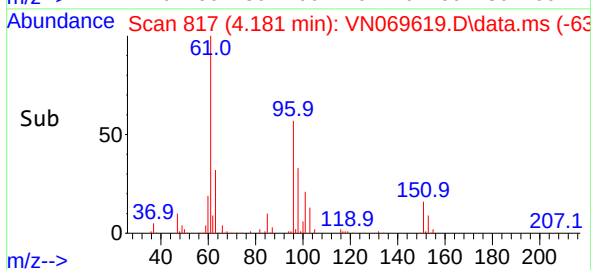
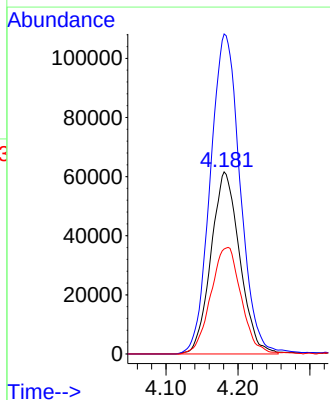
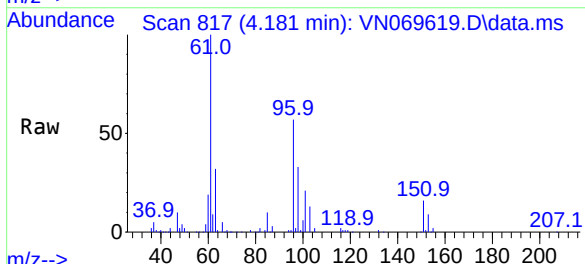
Reviewed By :John
Carlone
11/23/2021

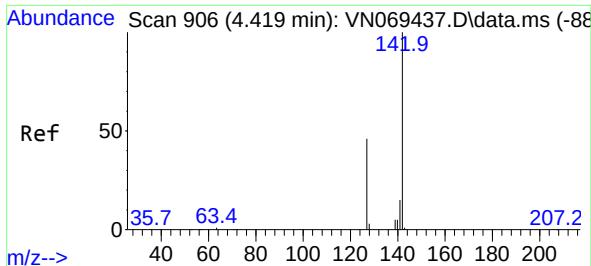
Supervised By :Mahesh
Dadoda
11/23/2021



#10
1,1-Dichloroethene
Concen: 20.489 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.010 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

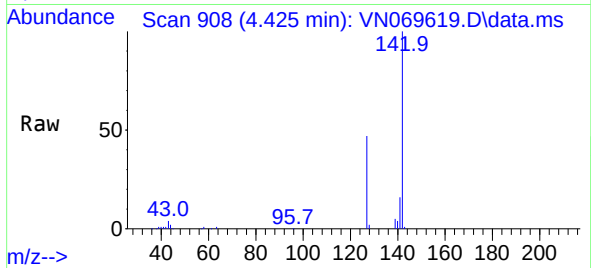
Tgt Ion: 96 Resp: 170604
Ion Ratio Lower Upper
96 100
61 175.4 126.2 189.4
98 57.7 50.9 76.3





#11
Methyl Iodide
Concen: 20.667 ug/l
RT: 4.425 min Scan# 906
Delta R.T. -0.005 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

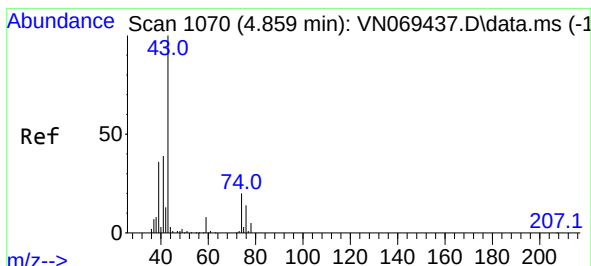
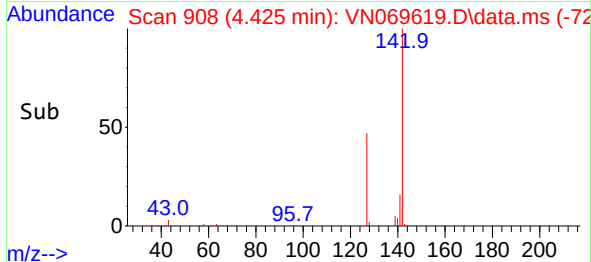
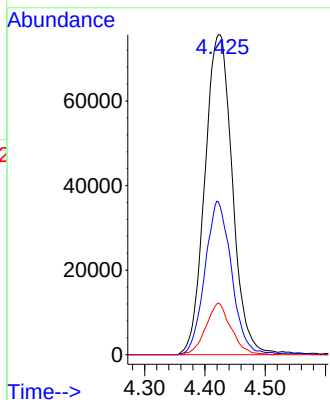


Tgt Ion:142 Resp: 23976
Ion Ratio Lower Upper
142 100
127 46.5 24.0 72.0
141 15.9 8.4 25.2

Manual Integrations
APPROVED

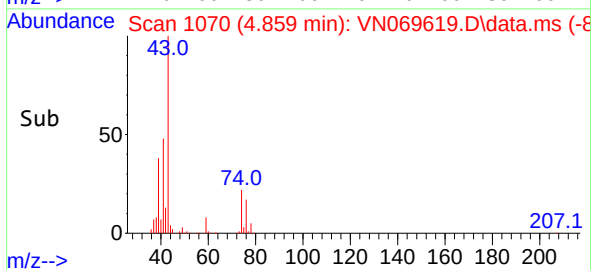
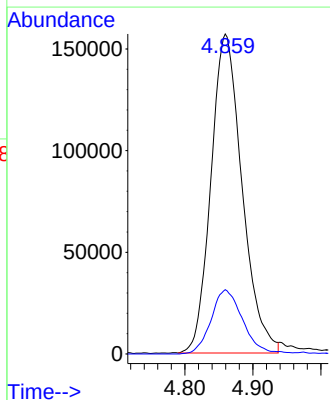
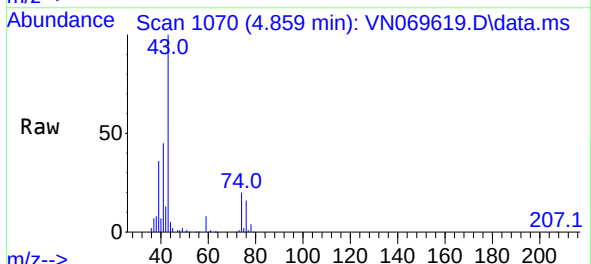
Reviewed By :John
Carlone
11/23/2021

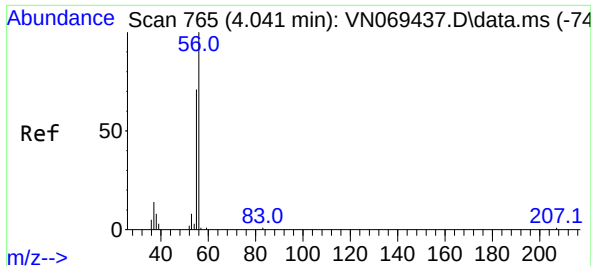
Supervised By :Mahesh
Dadoda
11/23/2021



#12
Methyl Acetate
Concen: 20.830 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

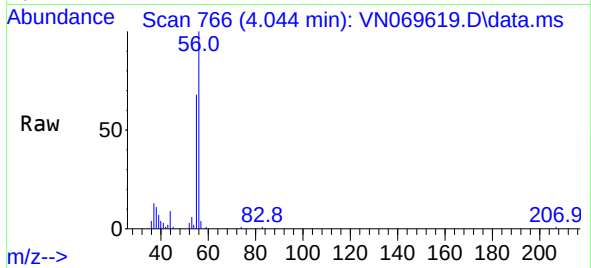
Tgt Ion: 43 Resp: 499515
Ion Ratio Lower Upper
43 100
74 20.0 20.8 31.2#





#13
Acrolein
Concen: 112.473 ug/l
RT: 4.044 min Scan# 765
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

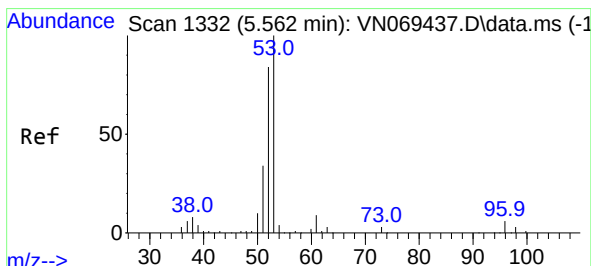
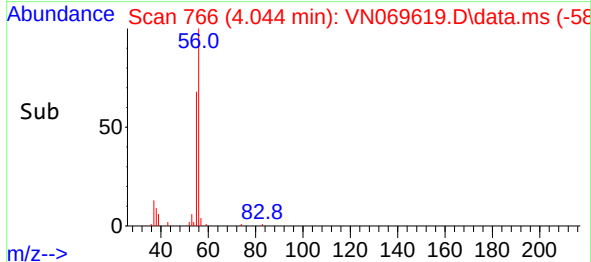
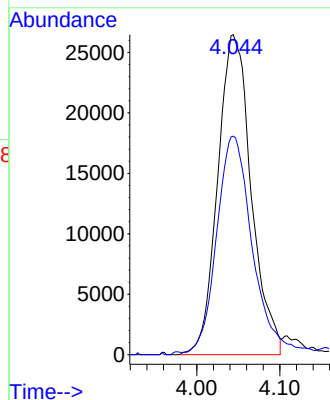
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 7415
Ion Ratio Lower Upper
56 100
55 72.2 57.6 86.4

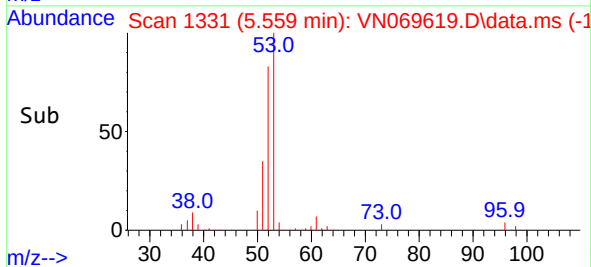
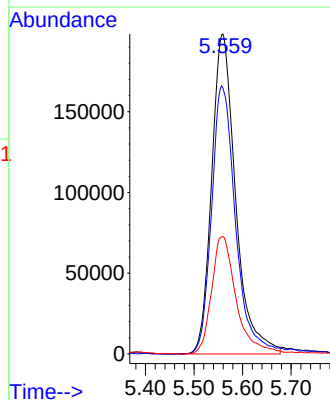
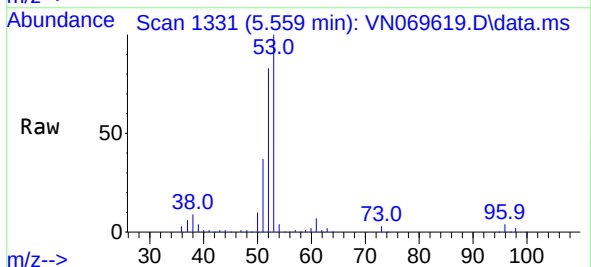
Manual Integrations
APPROVED

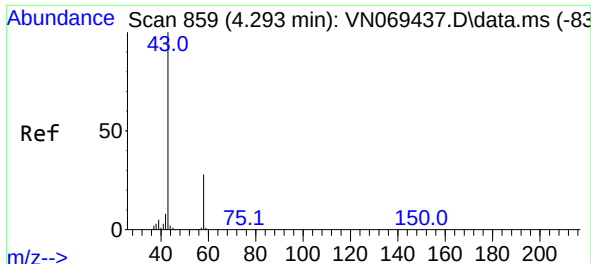
Reviewed By :John
Carlone
11/23/2021
Supervised By :Mahesh
Dadoda
11/23/2021



#14
Acrylonitrile
Concen: 103.971 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 53 Resp: 680209
Ion Ratio Lower Upper
53 100
52 83.4 41.8 125.4
51 37.8 19.0 57.0





#15
Acetone
Concen: 82.261 ug/l
RT: 4.291 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

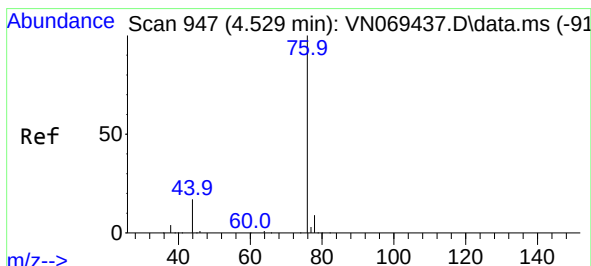
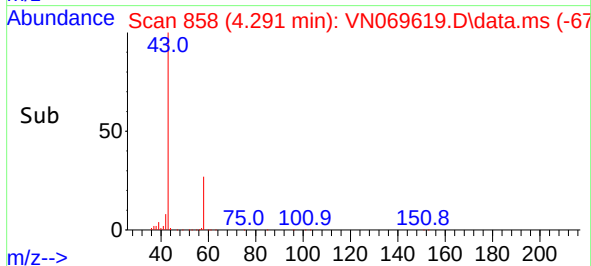
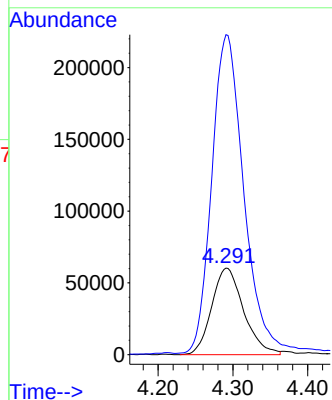
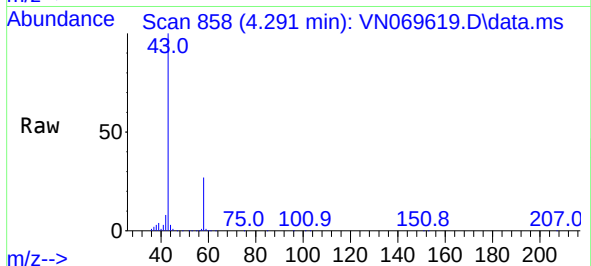
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 17932
Ion Ratio Lower Upper
58 100
43 368.0 256.6 384.8

Manual Integrations
APPROVED

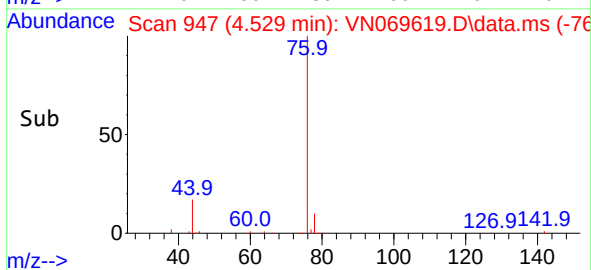
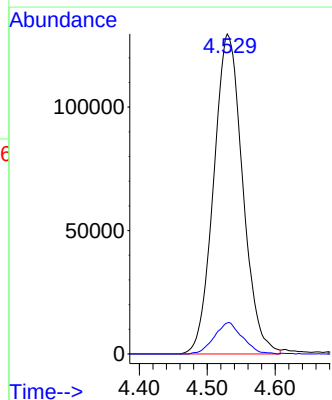
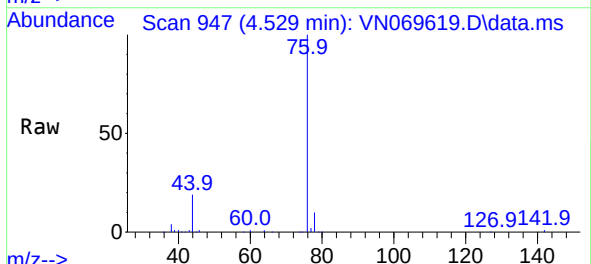
Reviewed By :John
Carlone
11/23/2021

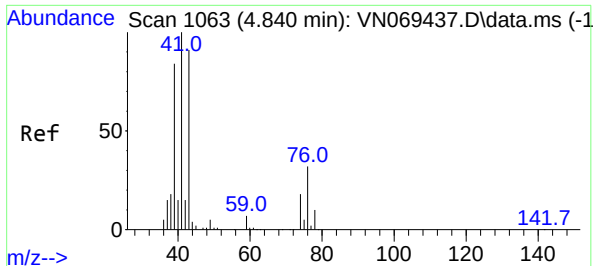
Supervised By :Mahesh
Dadoda
11/23/2021



#16
Carbon Disulfide
Concen: 18.470 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.008 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 76 Resp: 384412
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.8





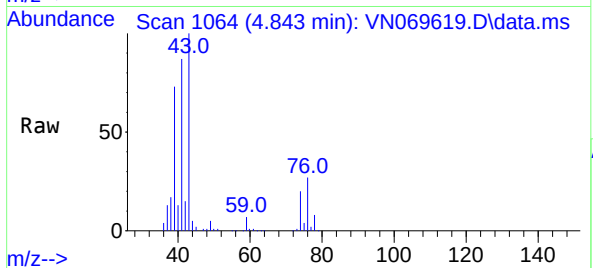
Allyl chloride
Concen: 19.934 ug/l
RT: 4.843 min Scan# 1063
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 41 Resp: 352788
Ion Ratio Lower Upper
41 100
39 84.8 44.6 134.0
76 30.3 19.6 58.7

Manual Integrations
APPROVED

Reviewed By :John

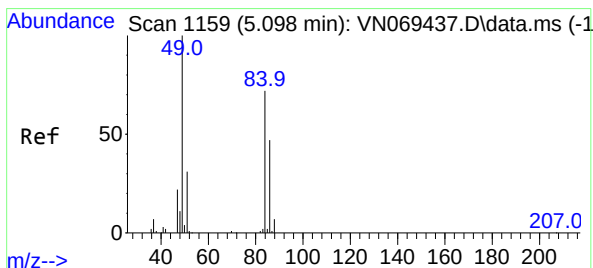
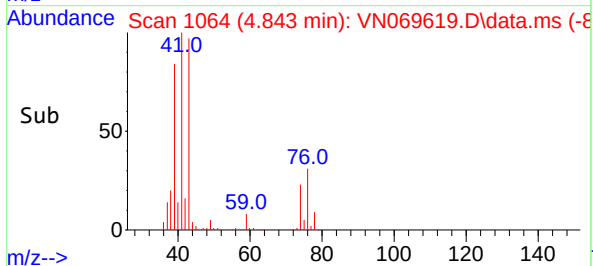
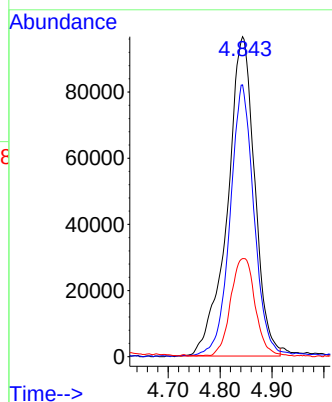
Carlone

11/23/2021

Supervised By :Mahesh

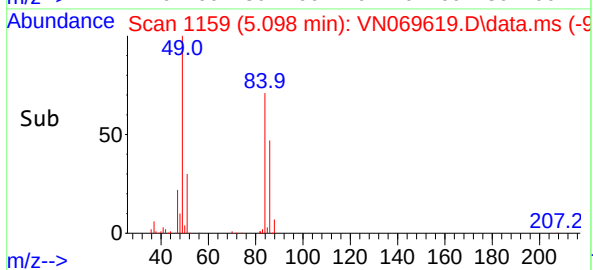
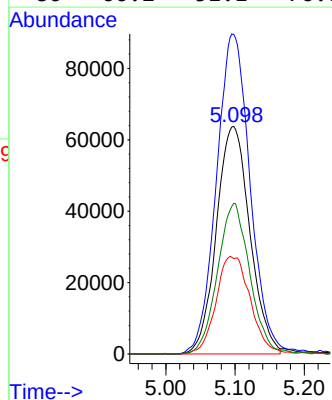
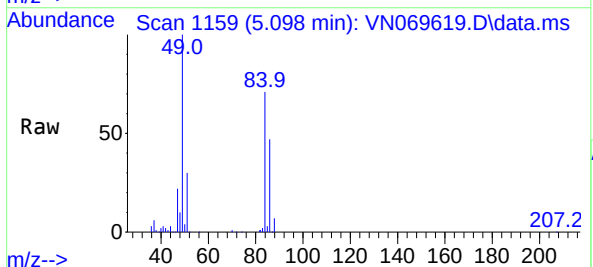
Dadoda

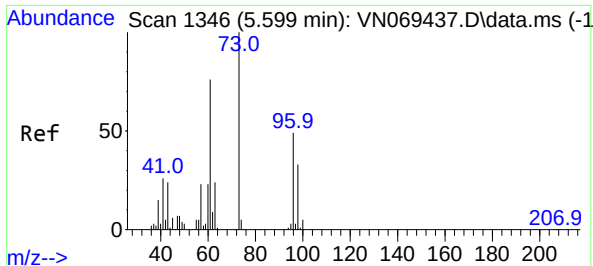
11/23/2021



Methylene Chloride
Concen: 20.204 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

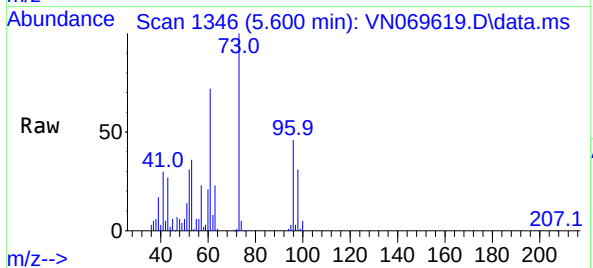
Tgt Ion: 84 Resp: 214318
Ion Ratio Lower Upper
84 100
49 140.4 91.4 137.0#
51 41.9 29.4 44.0
86 66.2 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 20.294 ug/l
RT: 5.600 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

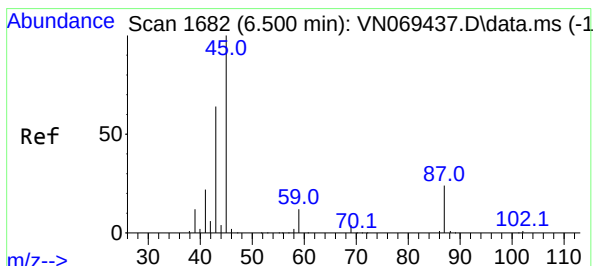
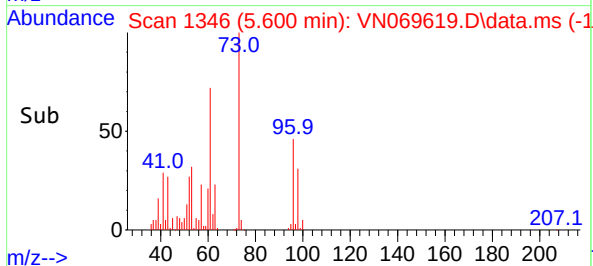
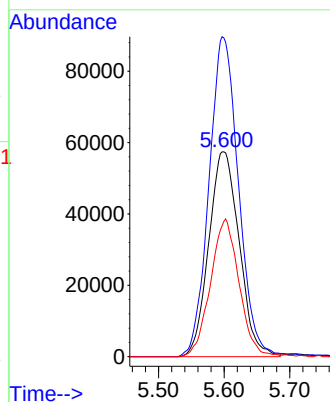


Tgt Ion: 96 Resp: 18543
Ion Ratio Lower Upper
96 100
61 155.1 102.8 154.2
98 66.1 49.3 73.9

Manual Integrations
APPROVED

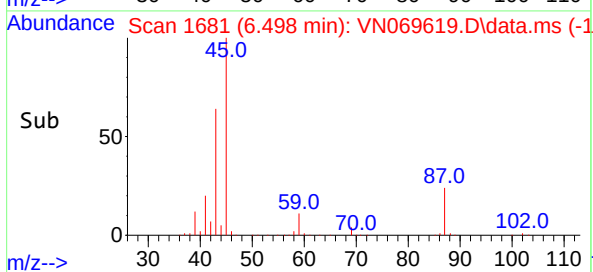
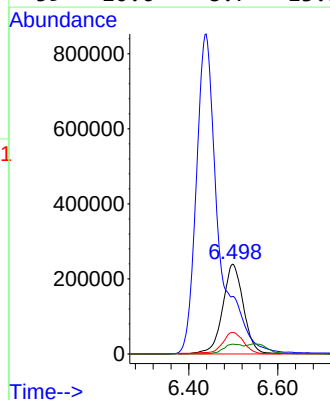
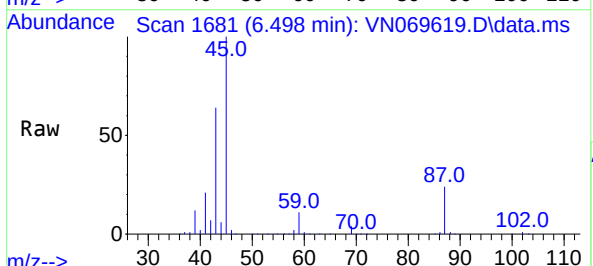
Reviewed By :John
Carlone
11/23/2021

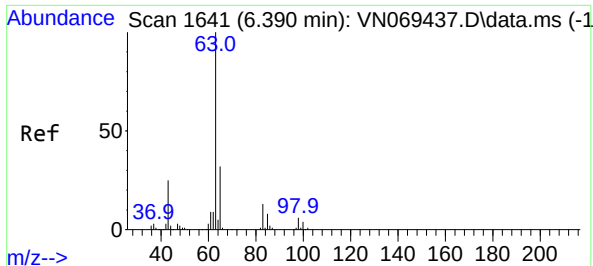
Supervised By :Mahesh
Dadoda
11/23/2021



#20
Diisopropyl ether
Concen: 20.466 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

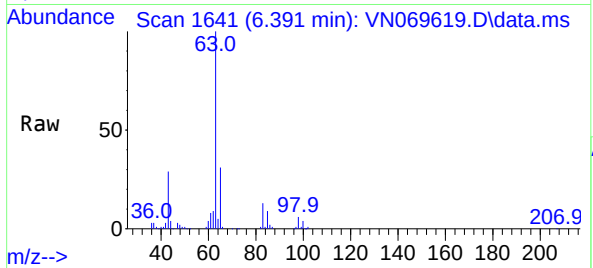
Tgt Ion: 45 Resp: 776100
Ion Ratio Lower Upper
45 100
43 61.5 51.0 76.4
87 23.9 25.0 37.4
59 10.6 8.7 13.1





#21
1,1-Dichloroethane
Concen: 20.808 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

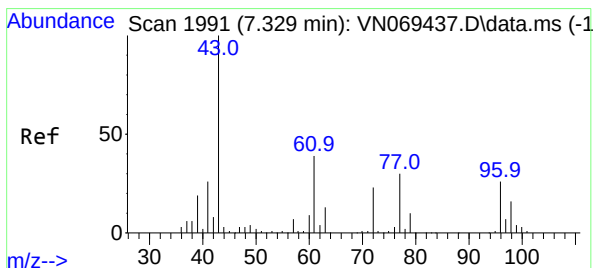
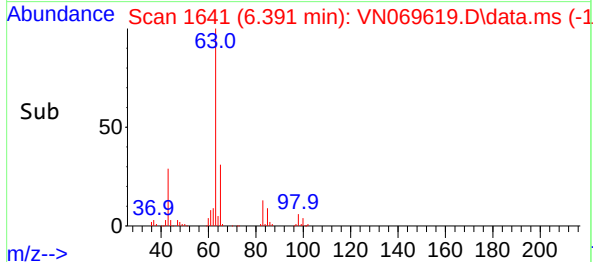
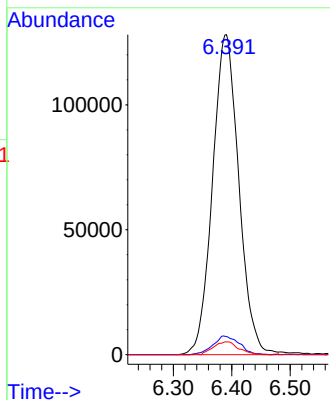


Tgt Ion: 63 Resp: 400310
Ion Ratio Lower Upper
63 100
98 5.7 3.2 9.6
100 4.0 2.1 6.2

Manual Integrations
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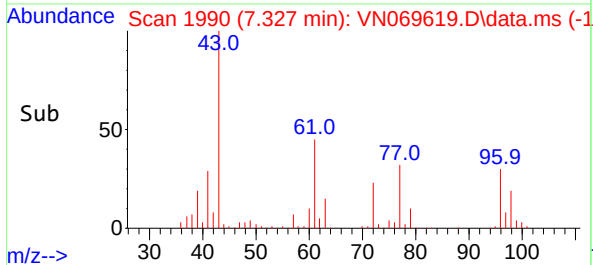
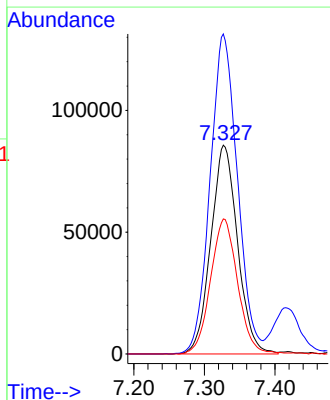
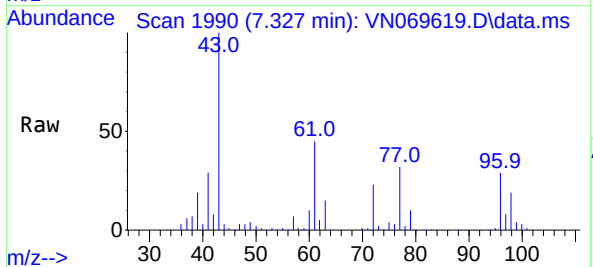
Reviewed By :John
Carlone
11/23/2021

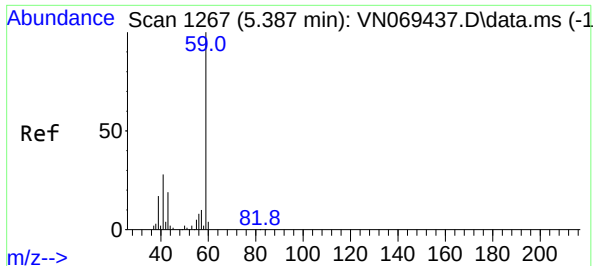
Supervised By :Mahesh
Dadoda
11/23/2021



#22
cis-1,2-Dichloroethene
Concen: 19.972 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 96 Resp: 226341
Ion Ratio Lower Upper
96 100
61 155.6 115.7 173.5
98 65.2 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 96.102 ug/l m

RT: 5.380 min Scan# 1

Delta R.T. 0.014 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 59 Resp: 21881

Ion Ratio Lower Upper

59 100

52 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John

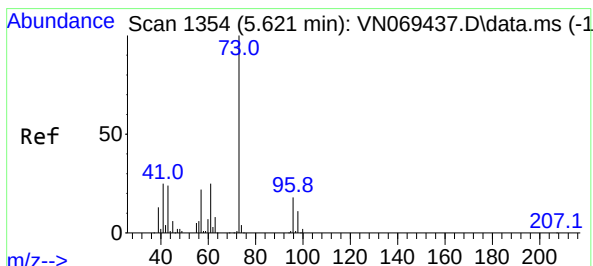
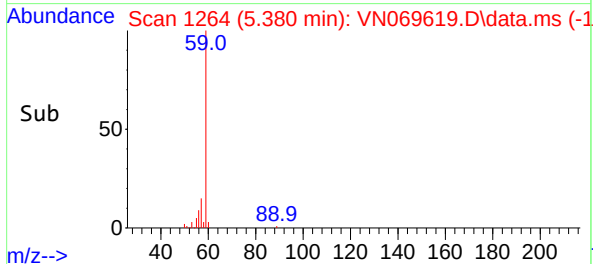
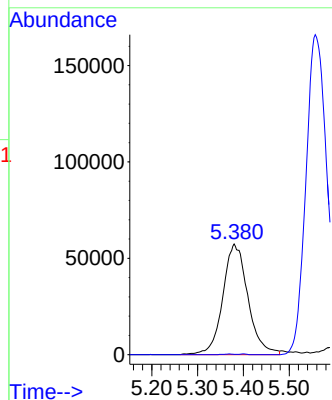
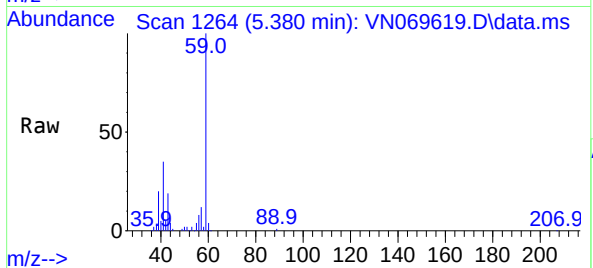
Carlone

11/23/2021

Supervised By :Mahesh

Dadoda

11/23/2021



#24

Methyl tert-Butyl Ether

Concen: 19.975 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. -0.002 min

Lab File: VN069619.D

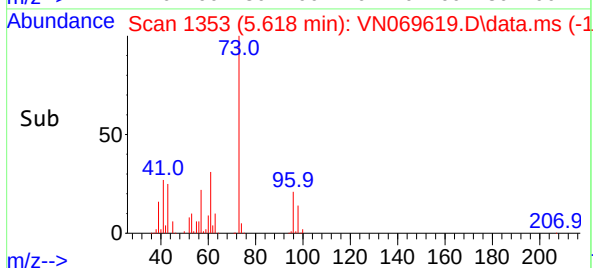
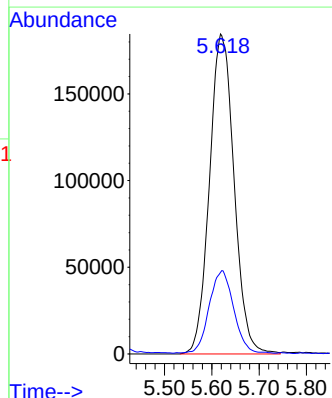
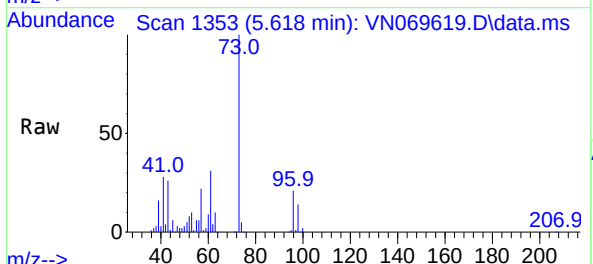
Acq: 22 Nov 2021 19:10

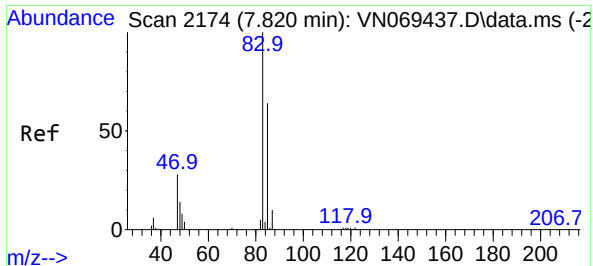
Tgt Ion: 73 Resp: 666589

Ion Ratio Lower Upper

73 100

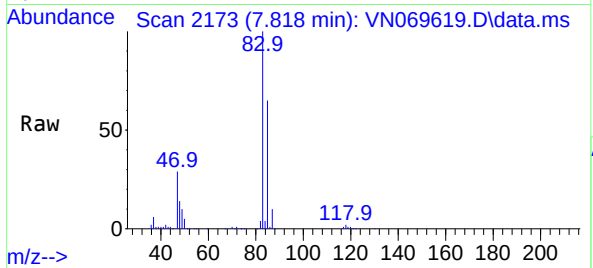
43 25.0 18.1 27.1





#25
Chloroform
Concen: 22.986 ug/l
RT: 7.818 min Scan# 2173
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

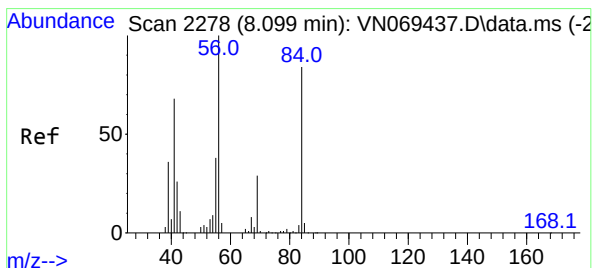
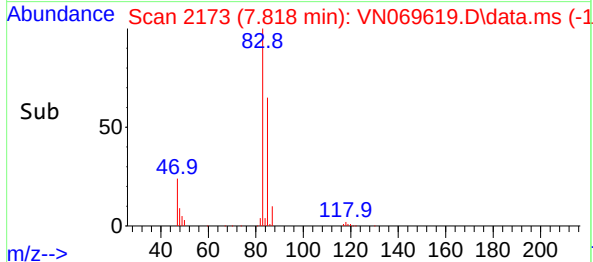
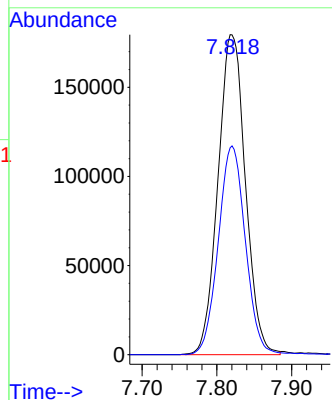
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 45723
Ion Ratio Lower Upper
83 100
85 64.6 51.3 76.9

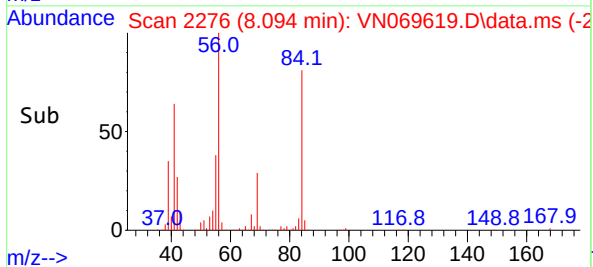
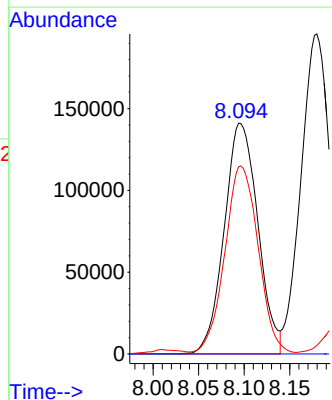
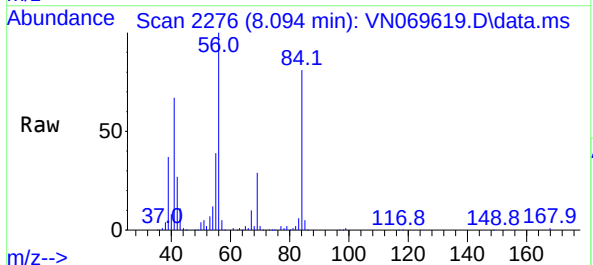
Manual Integrations
APPROVED

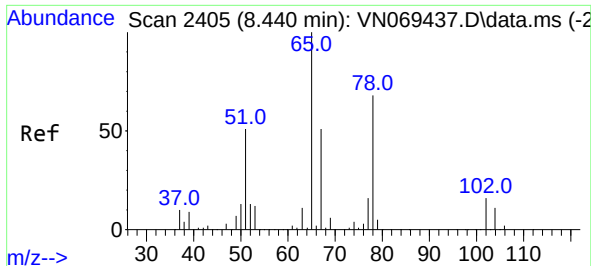
Reviewed By :John
Carlone
11/23/2021
Supervised By :Mahesh
Dadoda
11/23/2021



#26
Cyclohexane
Concen: 19.884 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.005 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 56 Resp: 363185
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 79.4 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 31.609 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 45676
Ion Ratio Lower Upper
65 100
67 50.3 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John

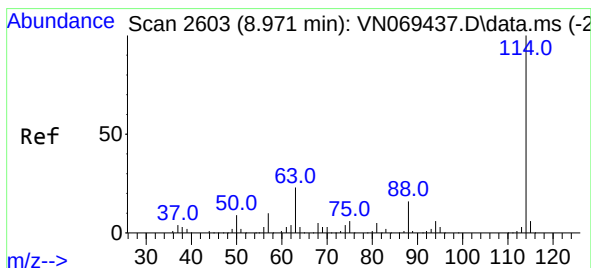
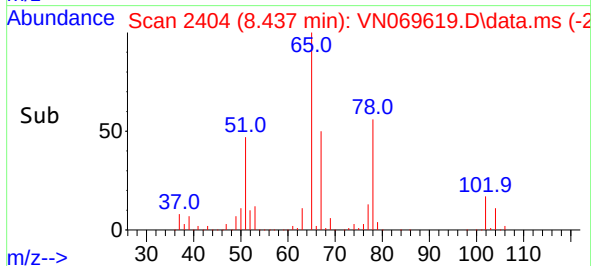
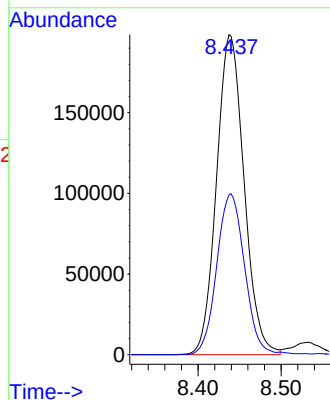
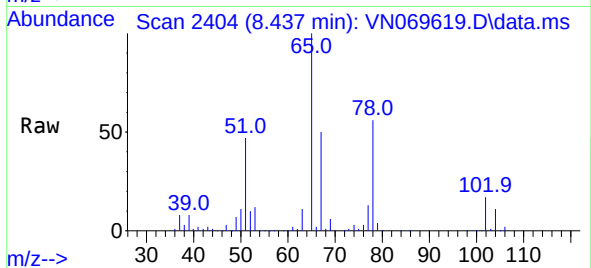
Carlone

11/23/2021

Supervised By :Mahesh

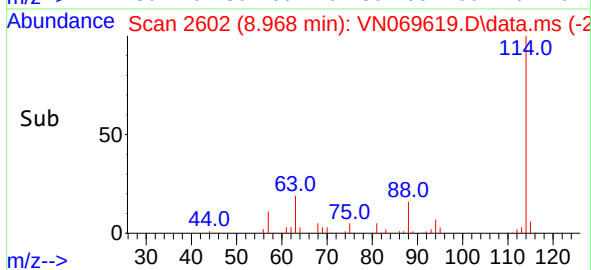
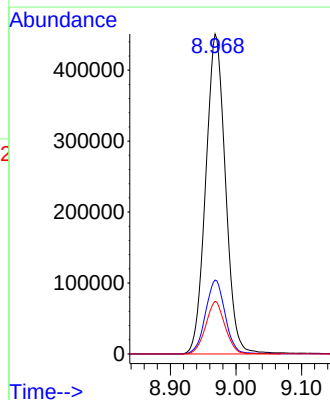
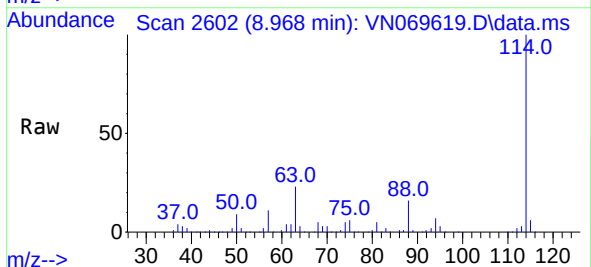
Dadoda

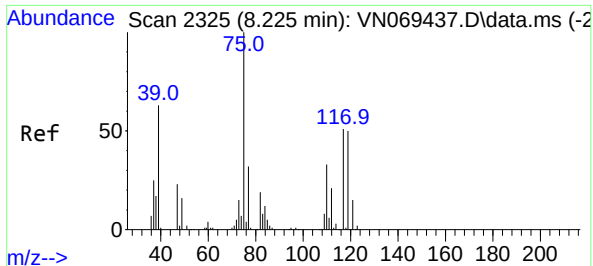
11/23/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

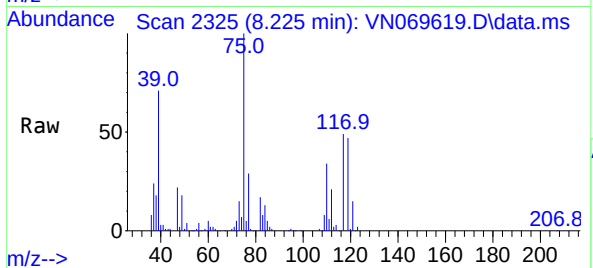
Tgt Ion:114 Resp: 940847
Ion Ratio Lower Upper
114 100
63 23.0 15.8 23.6
88 16.1 11.6 17.4





#29
1,1-Dichloropropene
Concen: 19.978 ug/l
RT: 8.225 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

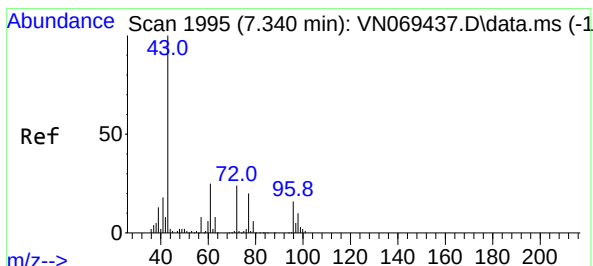
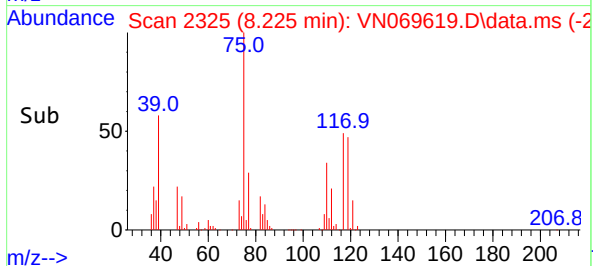
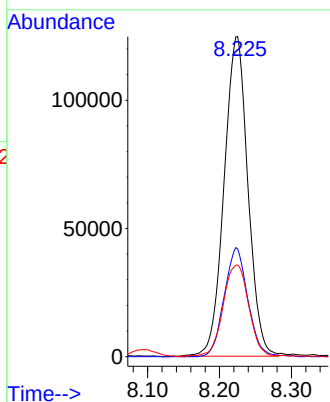


Tgt Ion: 75 Resp: 286920
Ion Ratio Lower Upper
75 100
110 33.8 0.0 74.2
77 30.9 0.0 63.2

Manual Integrations
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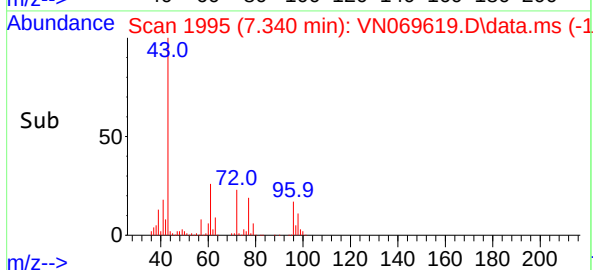
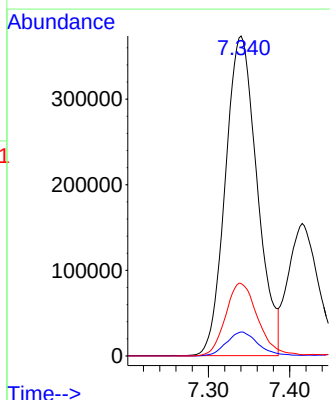
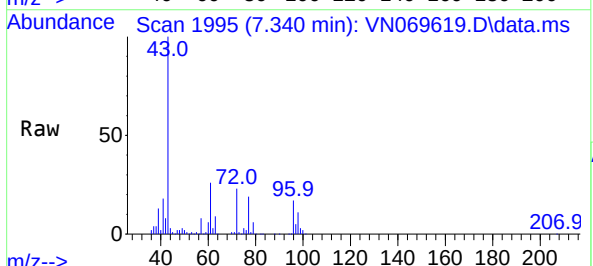
Reviewed By :John
Carlone
11/23/2021

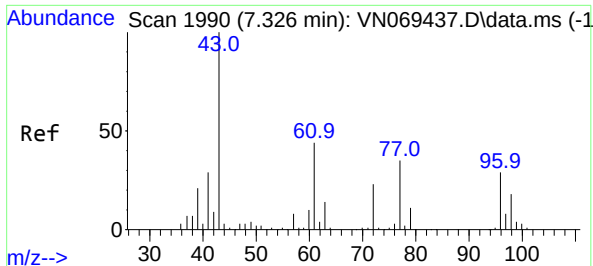
Supervised By :Mahesh
Dadoda
11/23/2021



#30
2-Butanone
Concen: 97.463 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 43 Resp: 1013191
Ion Ratio Lower Upper
43 100
57 7.6 6.7 10.1
72 23.2 23.2 34.8





#31
2,2-Dichloropropane
Concen: 17.921 ug/l
RT: 7.329 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 77 Resp: 272094
Ion Ratio Lower Upper
77 100
97 22.5 18.3 27.5

Manual Integrations
APPROVED

Reviewed By :John

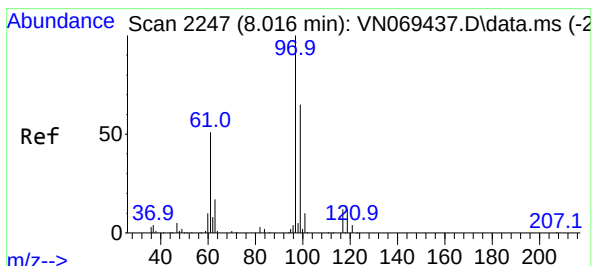
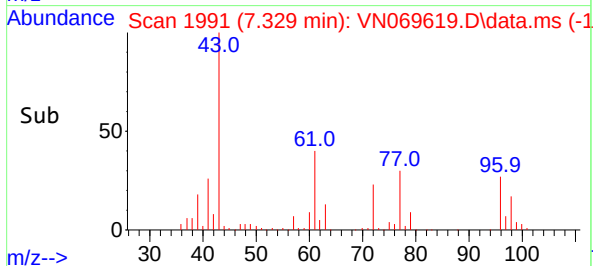
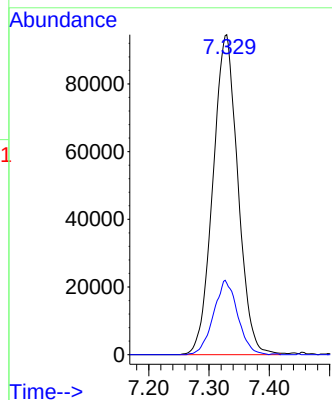
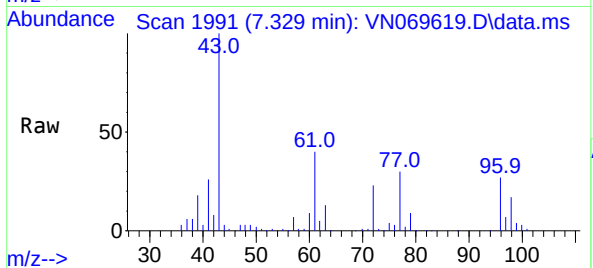
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Supervised By :Mahesh

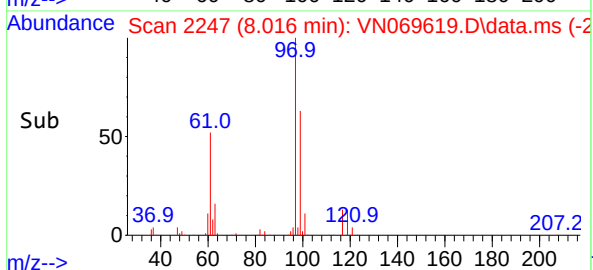
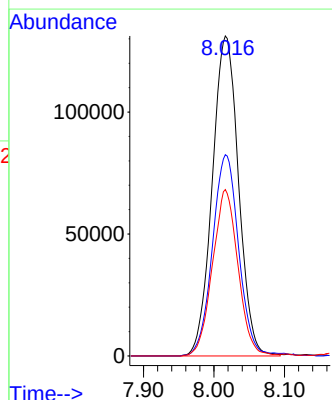
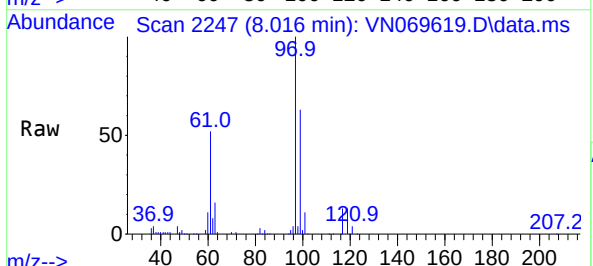
Dadoda

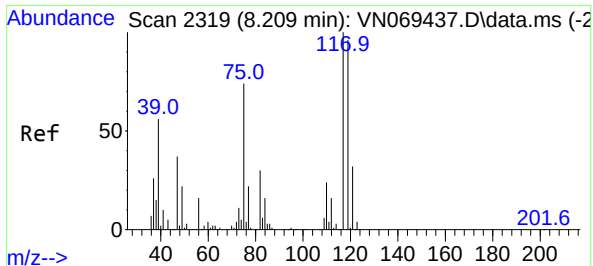
11/23/2021



#32
1,1,1-Trichloroethane
Concen: 20.248 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

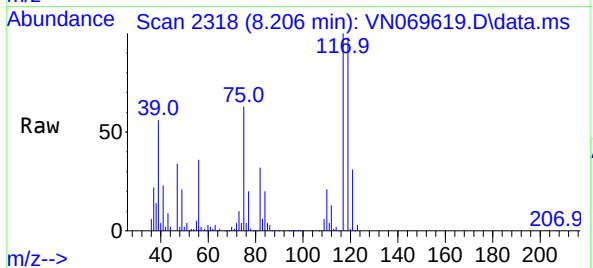
Tgt Ion: 97 Resp: 339494
Ion Ratio Lower Upper
97 100
99 62.6 50.4 75.6
61 50.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.891 ug/l
RT: 8.206 min Scan# 2117
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

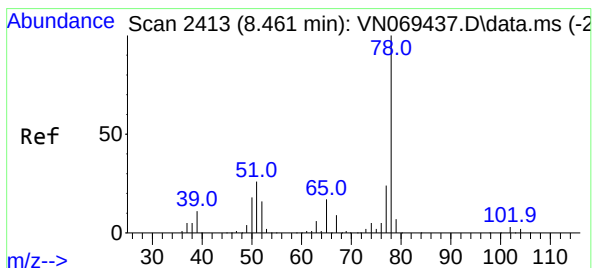
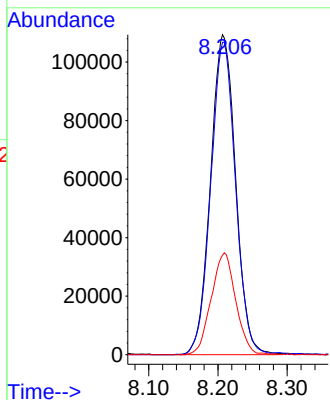
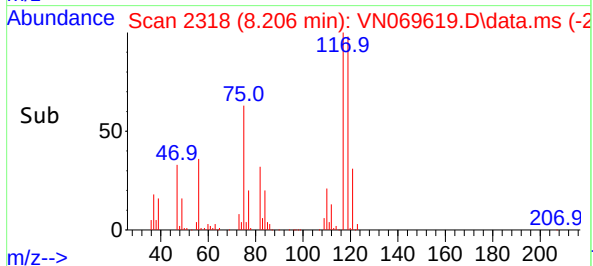


Tgt Ion:117 Resp: 275450
Ion Ratio Lower Upper
117 100
119 97.4 77.5 116.3
121 31.1 23.5 35.3

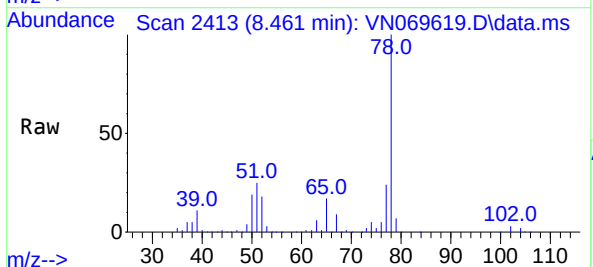
Manual Integrations
APPROVED

Reviewed By :John
Carlone
11/23/2021

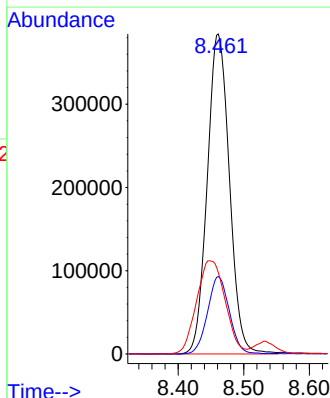
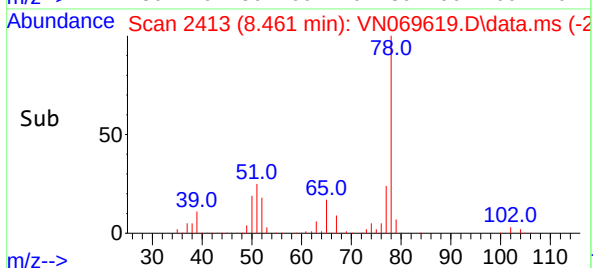
Supervised By :Mahesh
Dadoda
11/23/2021

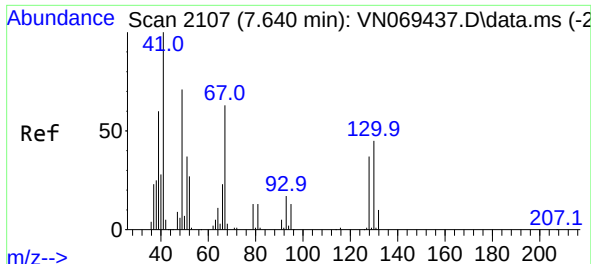


#34
Benzene
Concen: 20.682 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10



Tgt Ion: 78 Resp: 903309
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7
51 24.8 16.0 24.0#





#35
Methacrylonitrile
Concen: 19.818 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 41 Resp: 188958
Ion Ratio Lower Upper
41 100
39 59.1 28.0 83.9
67 61.1 37.7 113.1
52 27.2 17.1 51.2

Manual Integrations
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Reviewed By :John

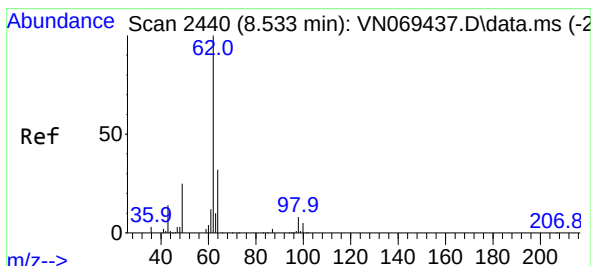
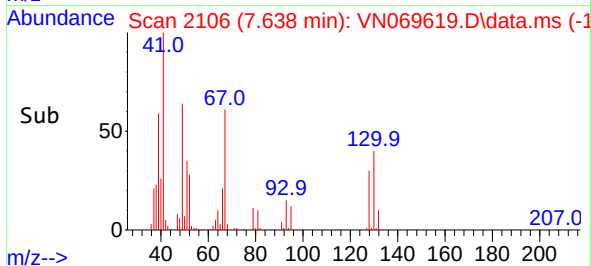
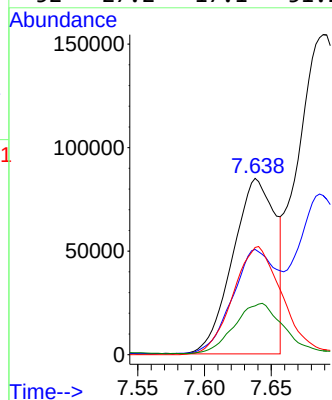
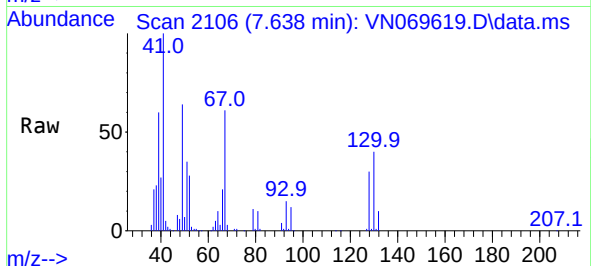
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Supervised By :Mahesh

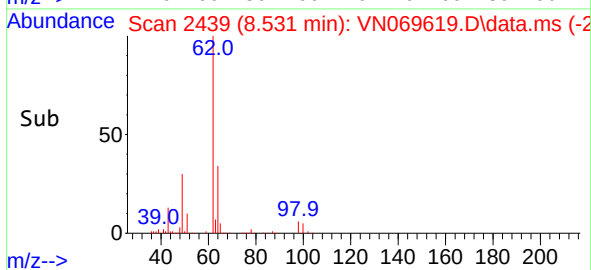
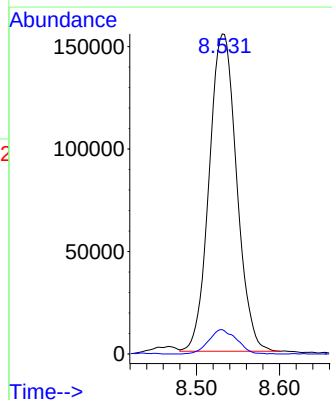
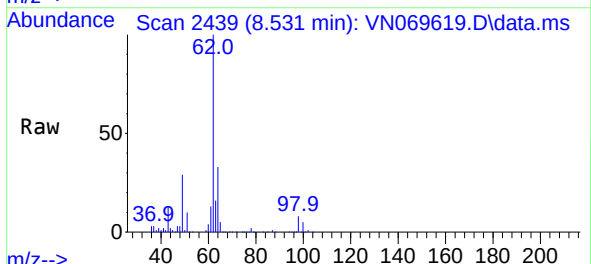
Dadoda

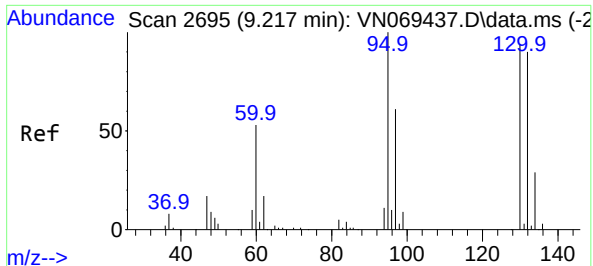
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#36
1,2-Dichloroethane
Concen: 21.142 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 62 Resp: 355990
Ion Ratio Lower Upper
62 100
98 7.8 6.6 10.0





#37

Trichloroethene

Concen: 19.871 ug/l

RT: 9.218 min Scan# 209672

Delta R.T. 0.000 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 209672

Ion Ratio Lower Upper

130 100

95 102.9 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John

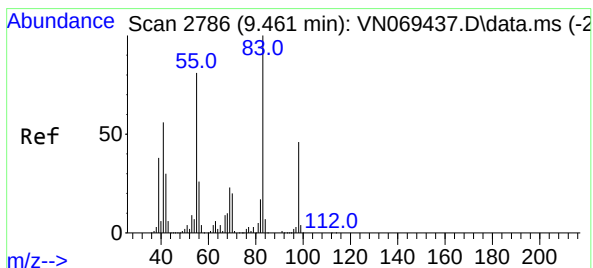
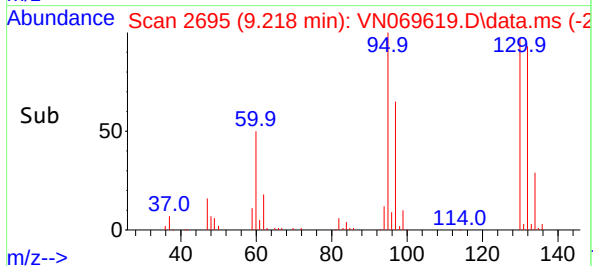
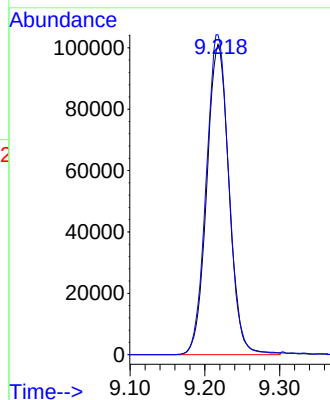
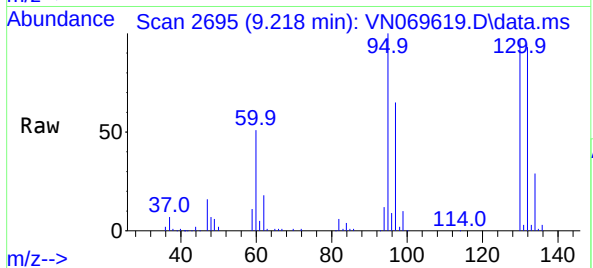
Carlone

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Supervised By :Mahesh

Dadoda

11/23/2021



#38

Methylcyclohexane

Concen: 18.900 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

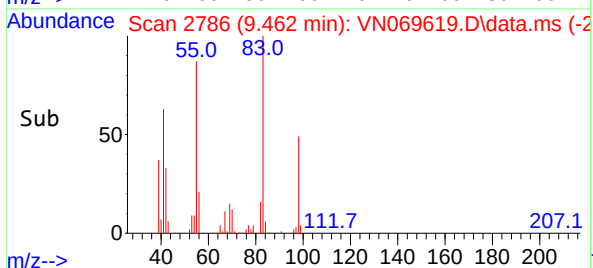
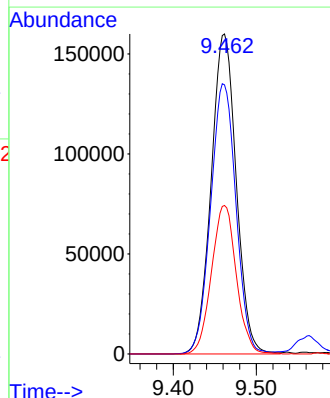
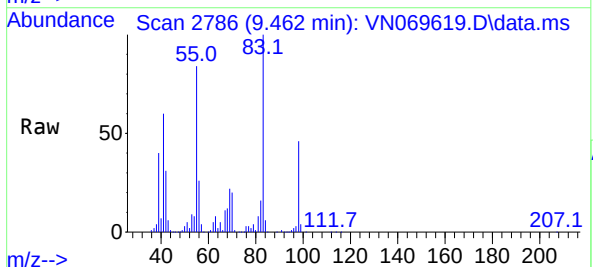
Tgt Ion: 83 Resp: 335835

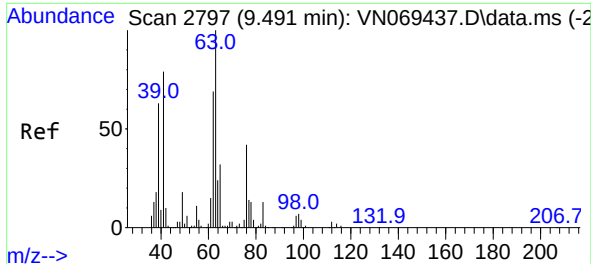
Ion Ratio Lower Upper

83 100

55 85.3 35.1 105.3

98 45.8 23.4 70.2





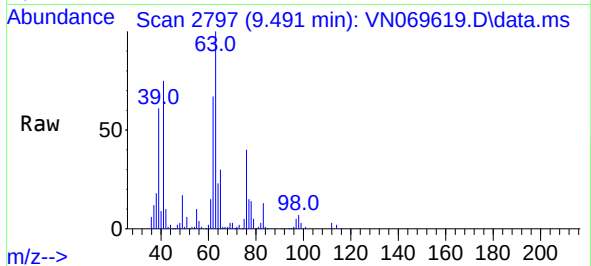
#39
1,2-Dichloropropane
Concen: 20.998 ug/l
RT: 9.491 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 63 Resp: 242894
Ion Ratio Lower Upper
63 100
65 29.7 24.2 36.4

Manual Integrations
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Reviewed By :John

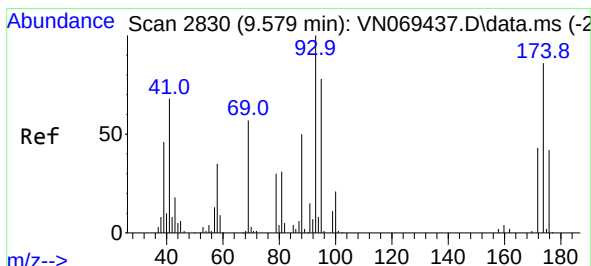
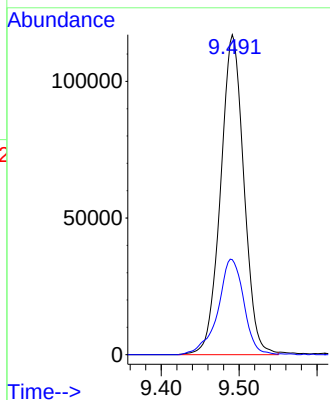
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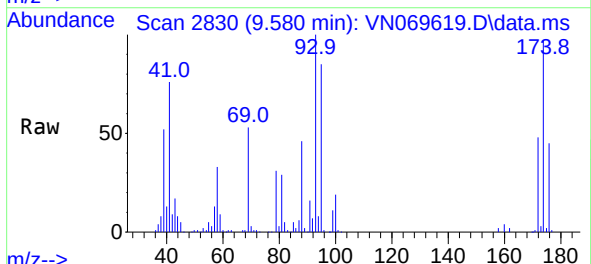
Supervised By :Mahesh

Dadoda

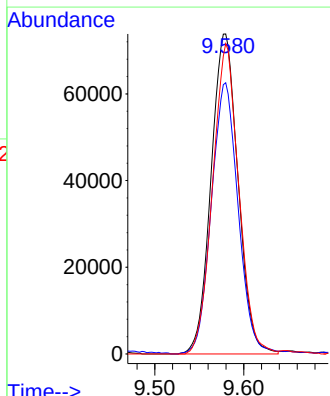
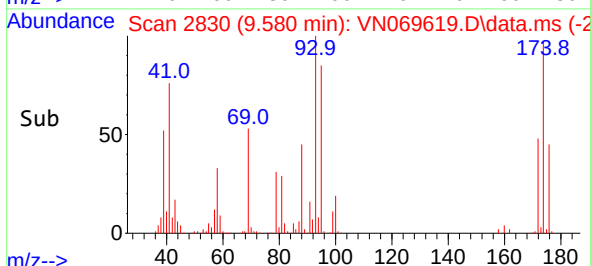
11/23/2021

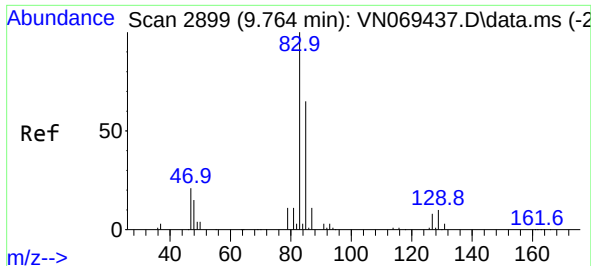


#40
Dibromomethane
Concen: 20.064 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10



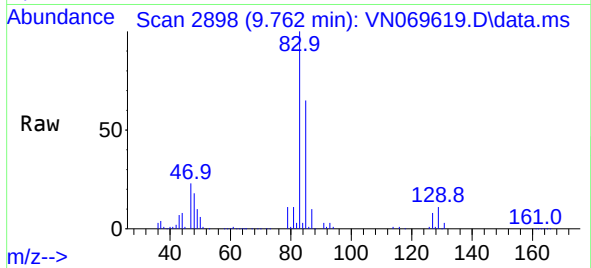
Tgt Ion: 93 Resp: 155437
Ion Ratio Lower Upper
93 100
95 84.3 0.0 168.8
174 93.9 0.0 173.6





#41
Bromodichloromethane
Concen: 20.099 ug/l
RT: 9.762 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

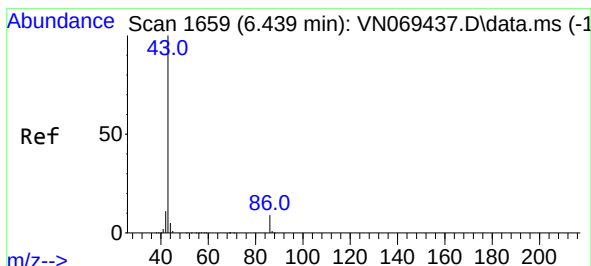
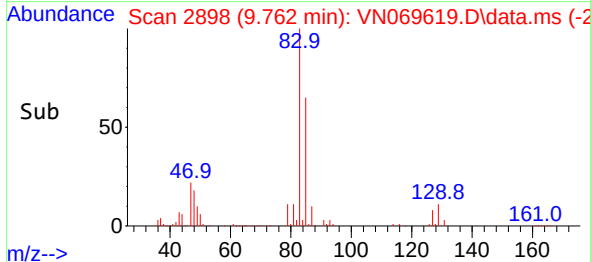
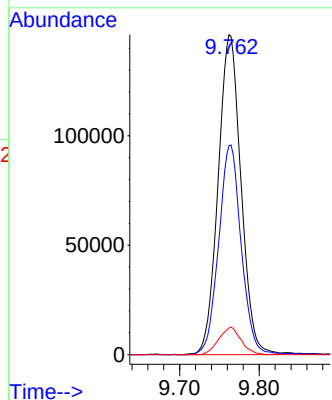


Tgt Ion: 83 Resp: 29225
Ion Ratio Lower Upper
83 100
85 65.4 54.1 81.1
127 8.3 7.6 11.4

Manual Integrations
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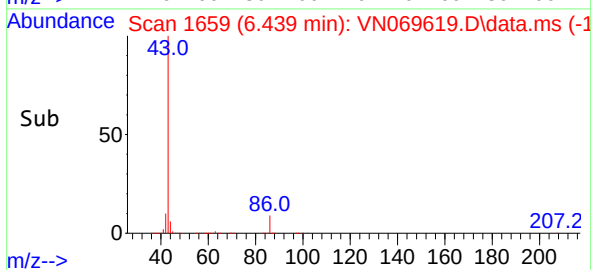
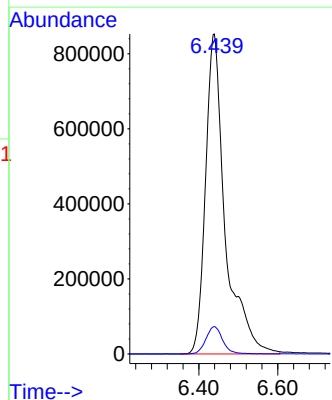
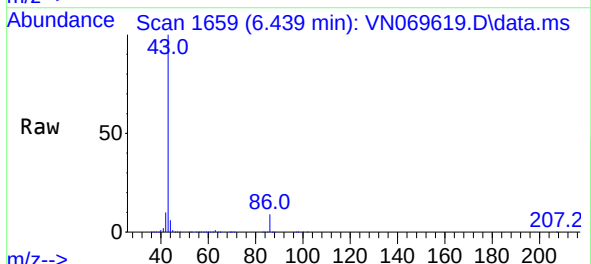
Reviewed By :John
Carlone
11/23/2021

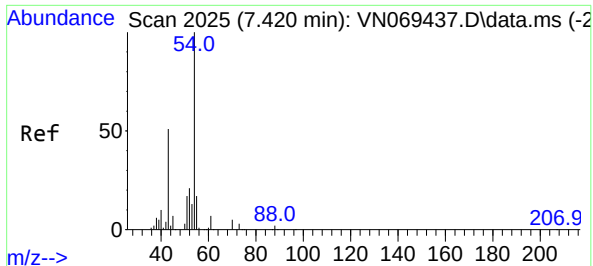
Supervised By :Mahesh
Dadoda
11/23/2021



#42
Vinyl Acetate
Concen: 100.492 ug/l m
RT: 6.439 min Scan# 1659
Delta R.T. 0.003 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 43 Resp: 2952278
Ion Ratio Lower Upper
43 100
86 7.2 7.5 11.3#





#43

Ethyl Acetate

Concen: 20.364 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. 0.003 min

Lab File: VN069619.D

Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 392314

Ion Ratio Lower Upper

43 100

45 12.0 10.6 16.0

Manual Integrations

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Reviewed By :John

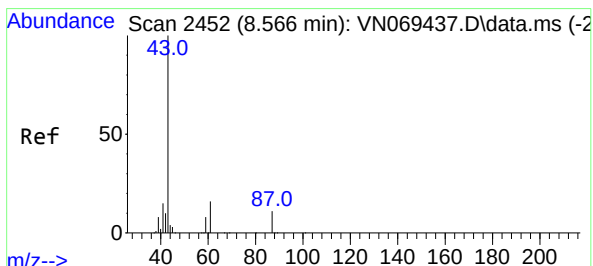
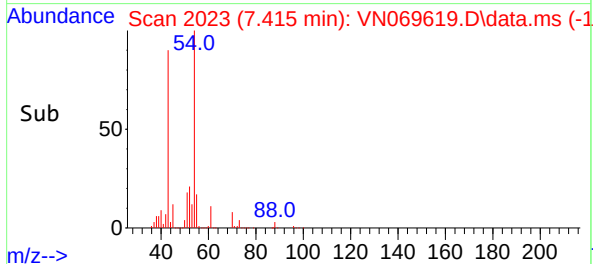
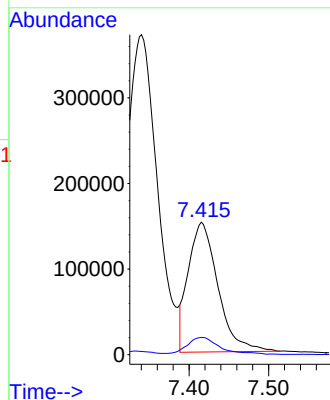
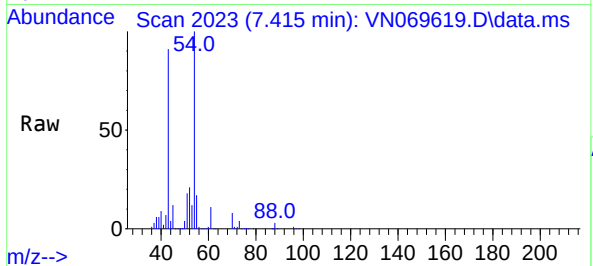
Carlone

11/23/2021

Supervised By :Mahesh

Dadoda

11/23/2021



#44

Isopropyl Acetate

Concen: 20.283 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. 0.003 min

Lab File: VN069619.D

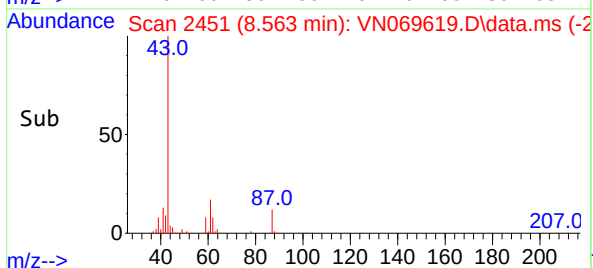
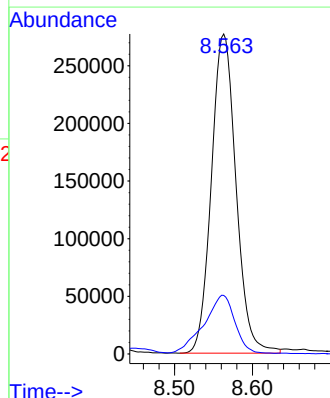
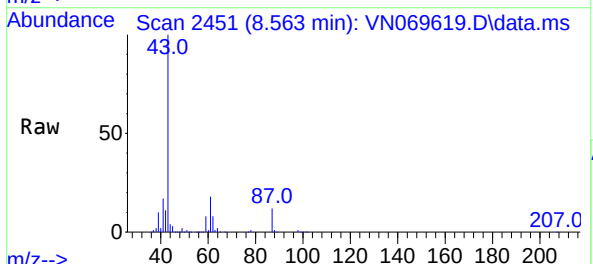
Acq: 22 Nov 2021 19:10

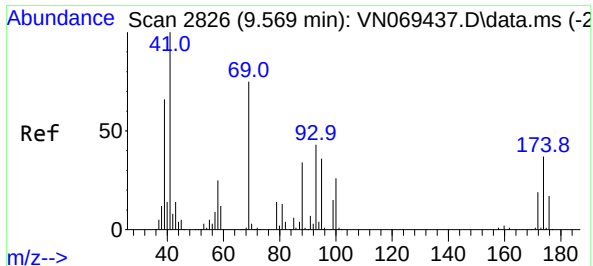
Tgt Ion: 43 Resp: 609195

Ion Ratio Lower Upper

43 100

61 22.4 20.1 30.1





#45
1,4-Dioxane
Concen: 378.994 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 9240
Ion Ratio Lower Upper
88 100
43 36.1 25.0 37.6
58 72.6 49.4 74.2

Manual Integrations
APPROVED

Reviewed By :John

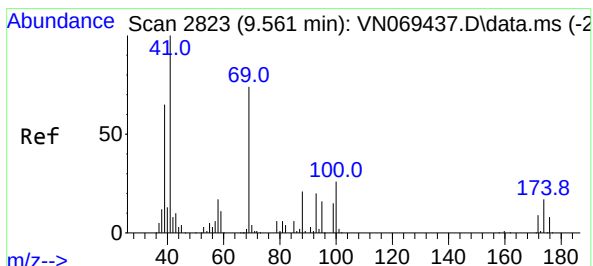
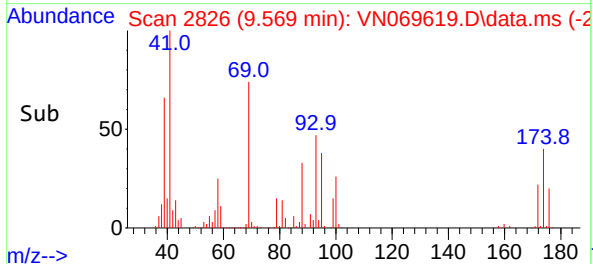
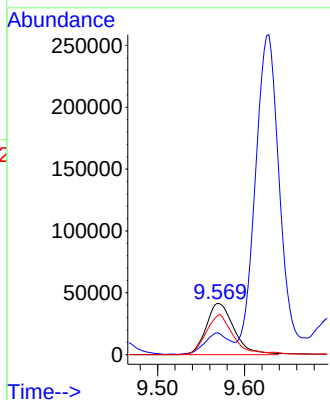
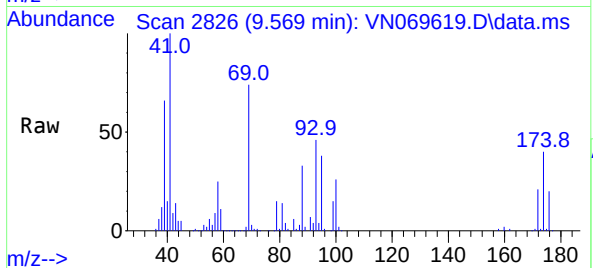
Carlone

11/23/2021

Supervised By :Mahesh

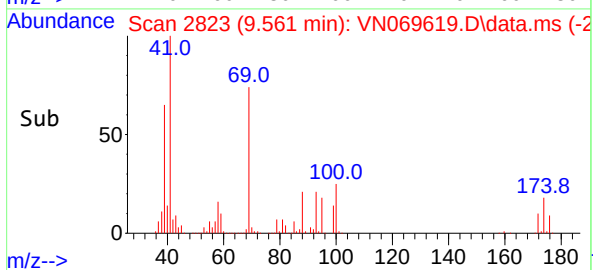
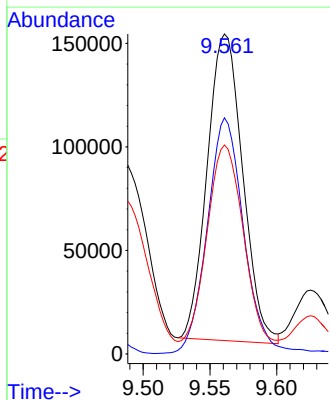
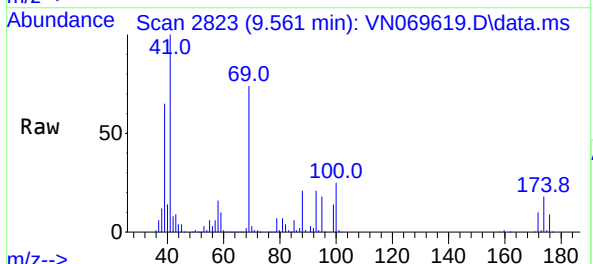
Dadoda

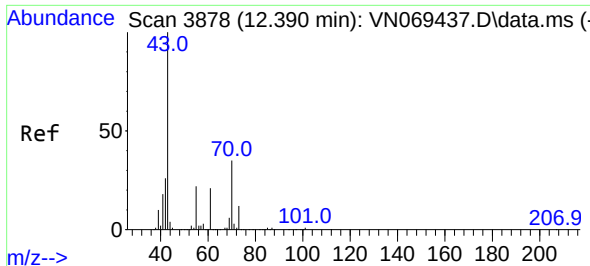
11/23/2021



#46
Methyl methacrylate
Concen: 19.790 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

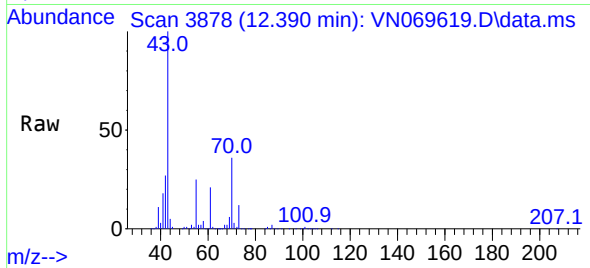
Tgt Ion: 41 Resp: 273756
Ion Ratio Lower Upper
41 100
69 76.5 44.4 133.2
39 64.7 39.9 119.6





#47
n-amy1 Acetate
Concen: 15.428 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

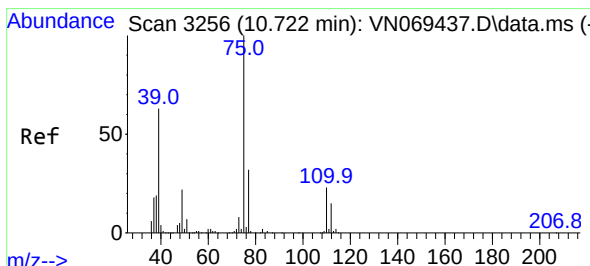
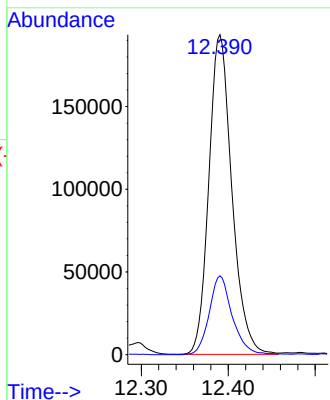
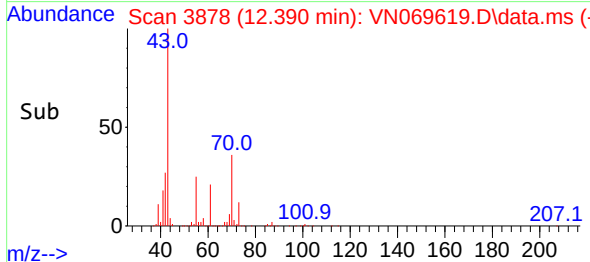
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



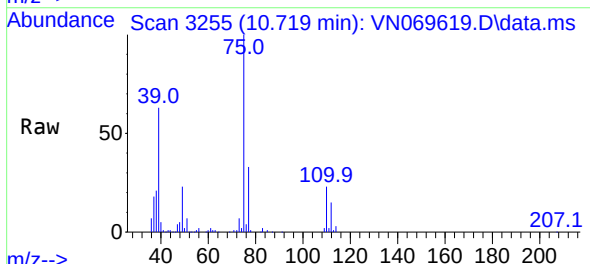
Tgt Ion: 43 Resp: 35582
Ion Ratio Lower Upper
43 100
55 24.8 19.0 28.6

Manual Integrations
APPROVED

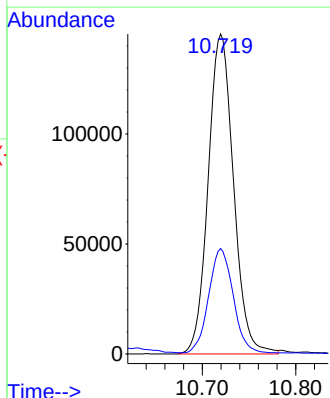
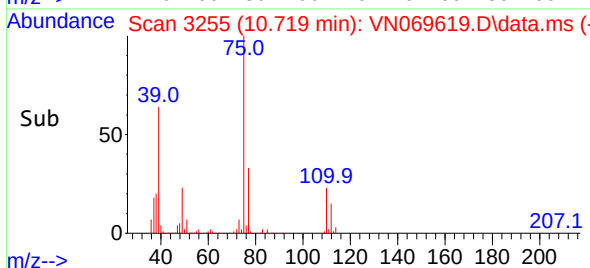
Reviewed By :John
Carlone
11/23/2021
Supervised By :Mahesh
Dadoda
11/23/2021

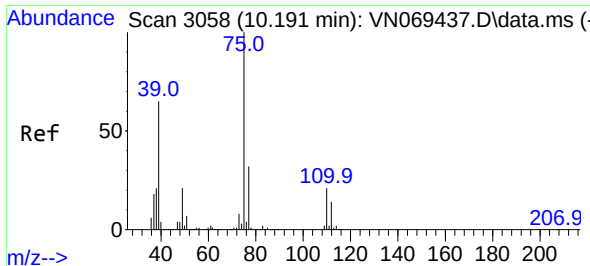


#48
t-1,3-Dichloropropene
Concen: 17.570 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10



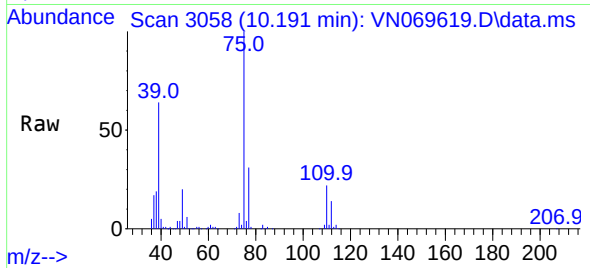
Tgt Ion: 75 Resp: 274186
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 18.722 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

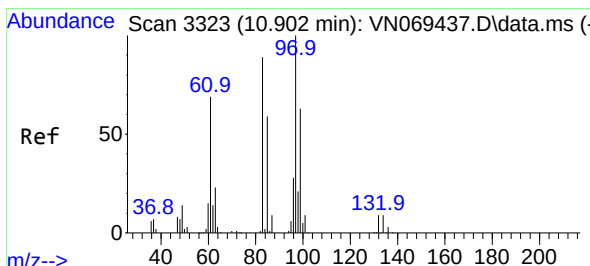
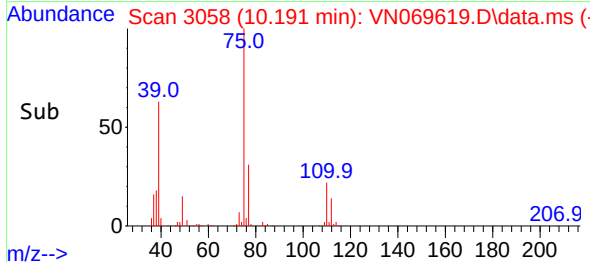
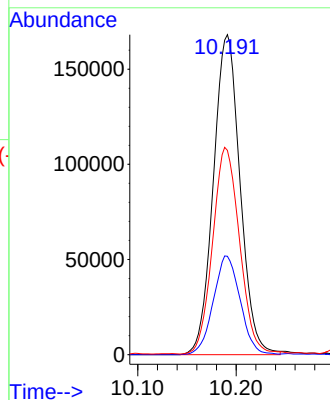


Tgt Ion: 75 Resp: 317910
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 63.6 46.2 69.4

Manual Integrations
APPROVED

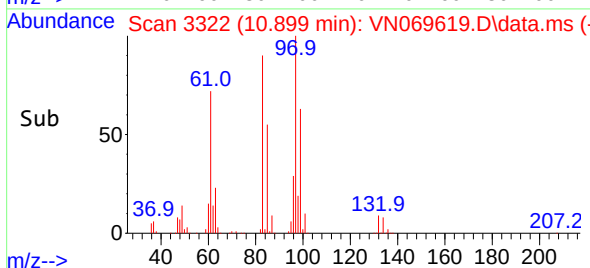
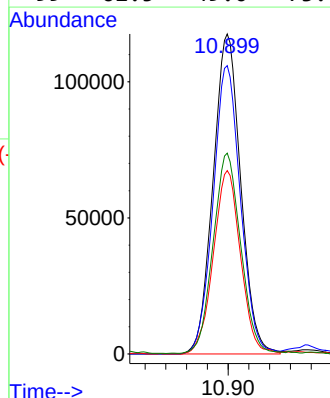
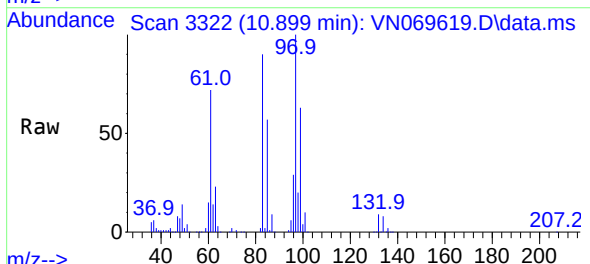
Reviewed By :John
Carlone
11/23/2021

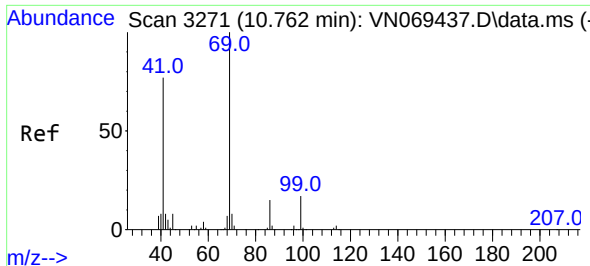
Supervised By :Mahesh
Dadoda
11/23/2021



#50
1,1,2-Trichloroethane
Concen: 19.730 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

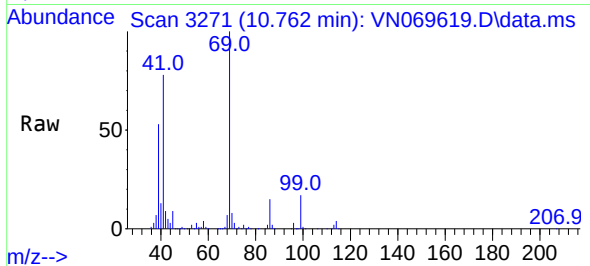
Tgt Ion: 97 Resp: 217053
Ion Ratio Lower Upper
97 100
83 90.1 67.2 100.8
85 57.3 43.0 64.4
99 62.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.318 ug/l
RT: 10.762 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

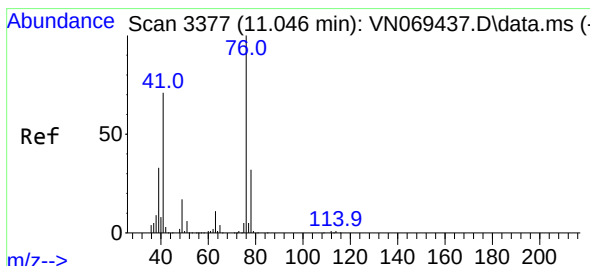
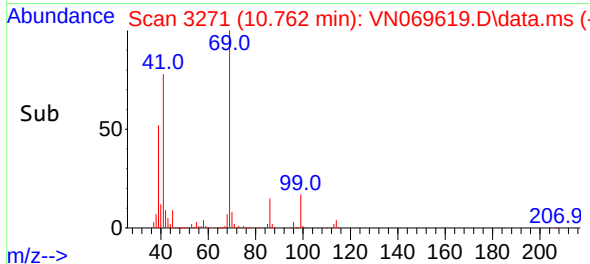
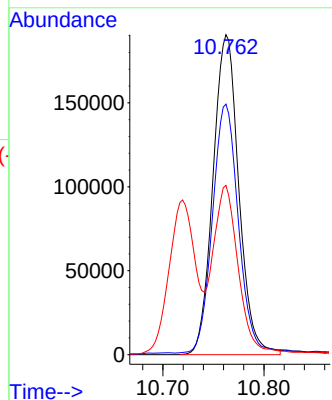


Tgt Ion: 69 Resp: 33786
Ion Ratio Lower Upper
69 100
41 77.7 33.0 98.9
39 51.7 25.4 76.4

Manual Integrations
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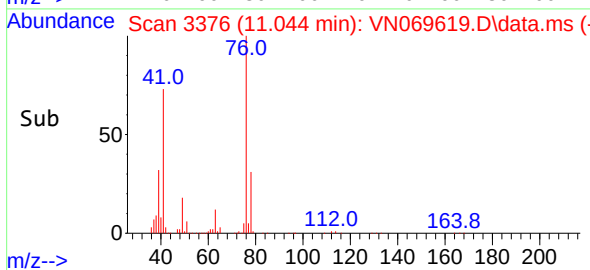
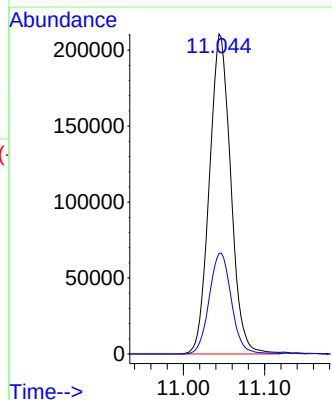
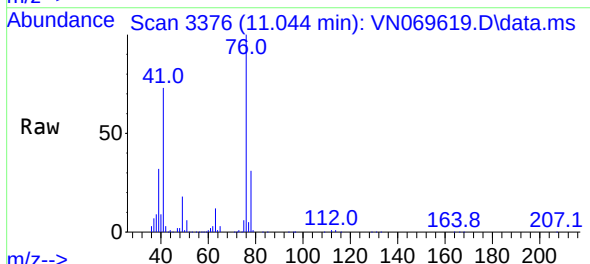
Reviewed By :John
Carlone
11/23/2021

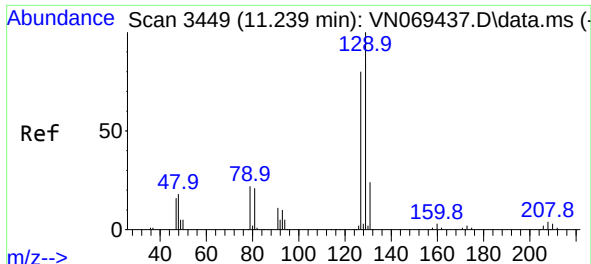
Supervised By :Mahesh
Dadoda
11/23/2021



#52
1,3-Dichloropropane
Concen: 20.271 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

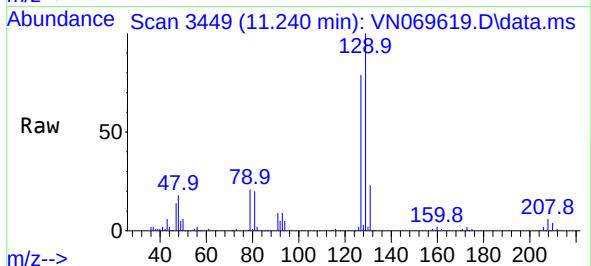
Tgt Ion: 76 Resp: 385199
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4





#53
Dibromochloromethane
Concen: 18.880 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

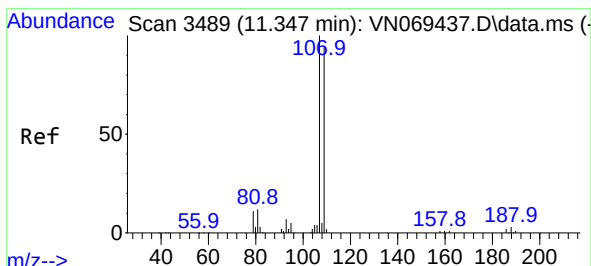
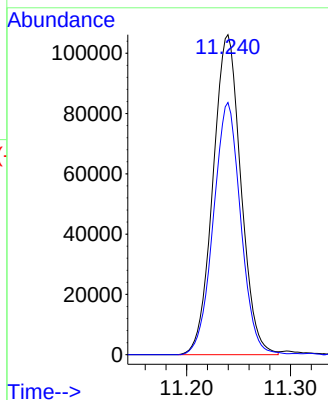
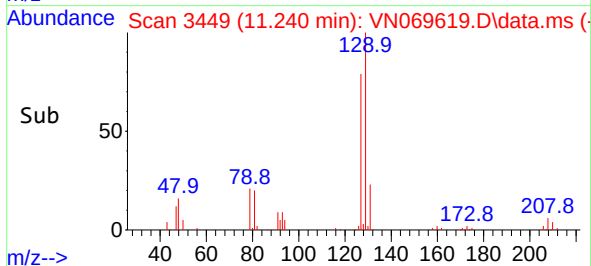


Tgt Ion:129 Resp: 198478
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0

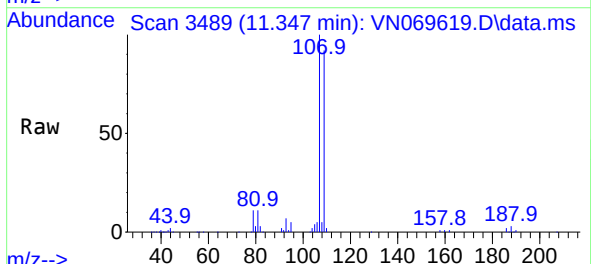
Manual Integrations
APPROVED

Reviewed By :John
Carlone
11/23/2021

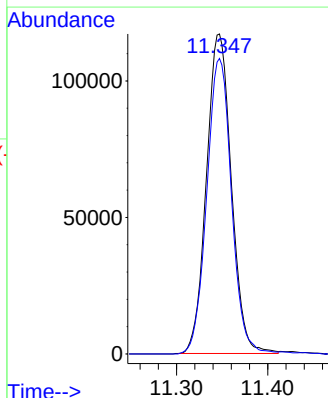
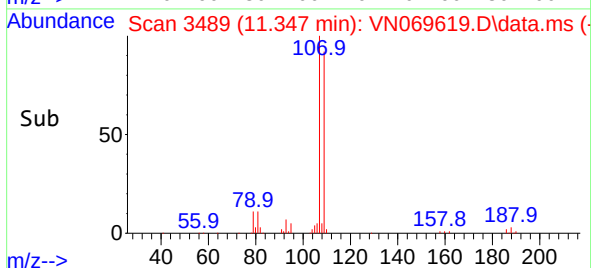
Supervised By :Mahesh
Dadoda
11/23/2021

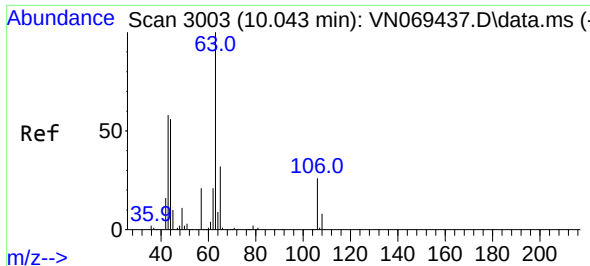


#54
1,2-Dibromoethane
Concen: 19.491 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10



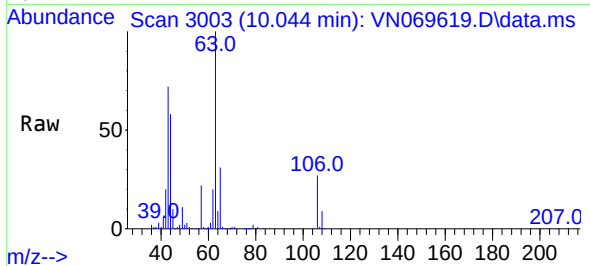
Tgt Ion:107 Resp: 222063
Ion Ratio Lower Upper
107 100
109 91.9 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 99.577 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

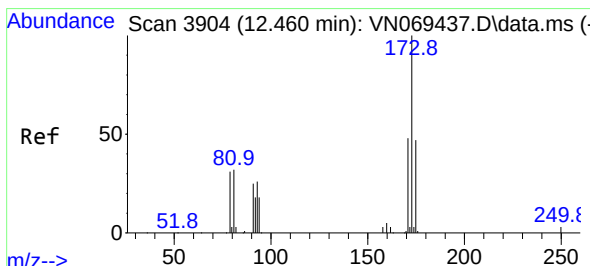
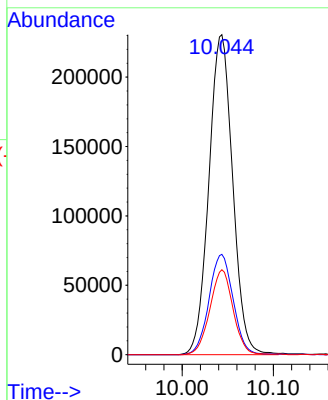
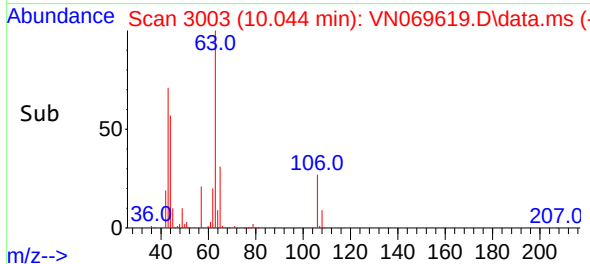
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 41776
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.0
106 25.9 23.2 34.8

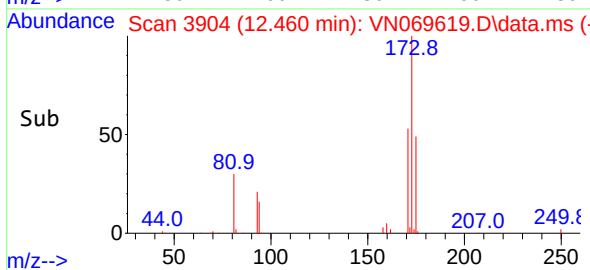
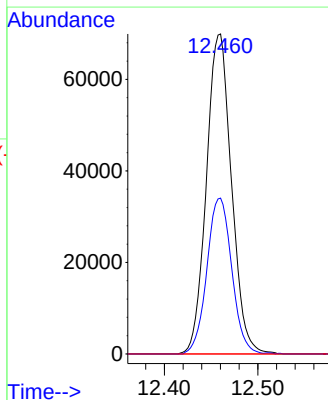
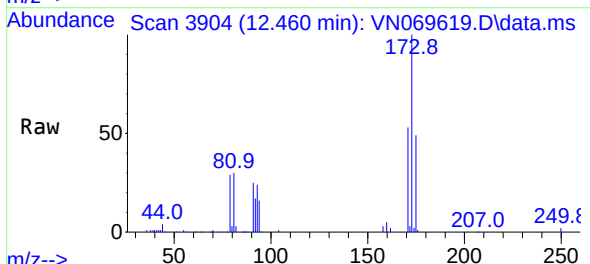
Manual Integrations
APPROVED

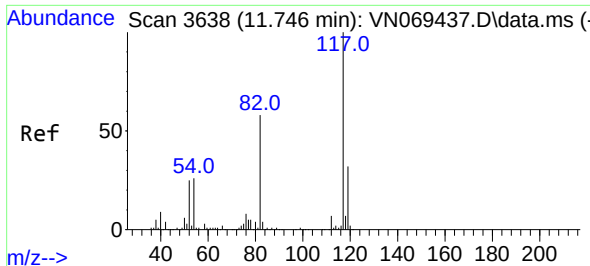
Reviewed By :John
Carlone
11/23/2021
Supervised By :Mahesh
Dadoda
11/23/2021



#56
Bromoform
Concen: 17.299 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

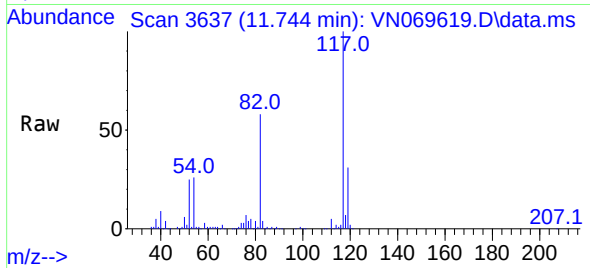
Tgt Ion:173 Resp: 130407
Ion Ratio Lower Upper
173 100
175 48.2 38.6 58.0
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

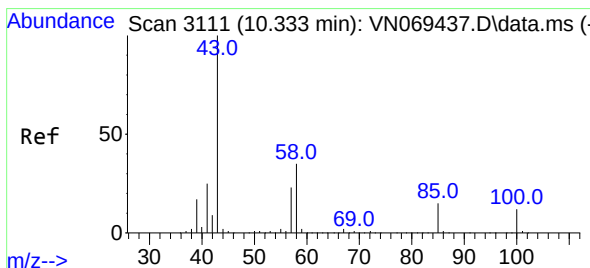
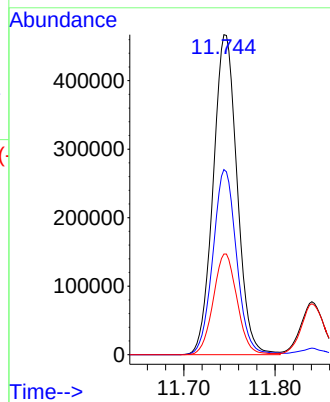
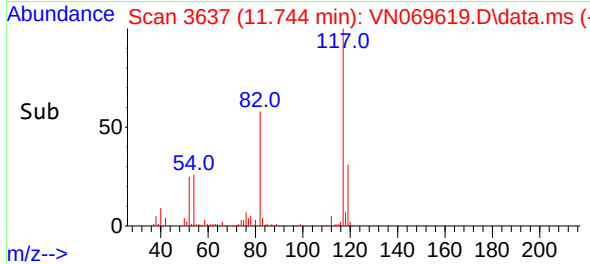


Tgt Ion: 117 Resp: 852250
Ion Ratio Lower Upper
117 100
82 57.4 43.6 65.4
119 31.4 25.8 38.6

Manual Integrations
APPROVED

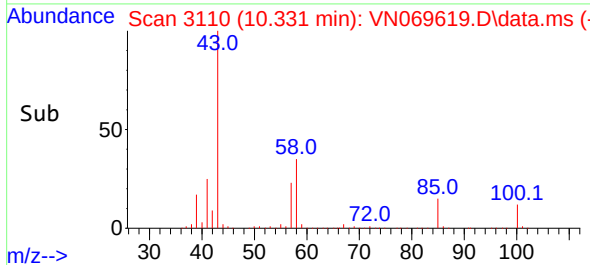
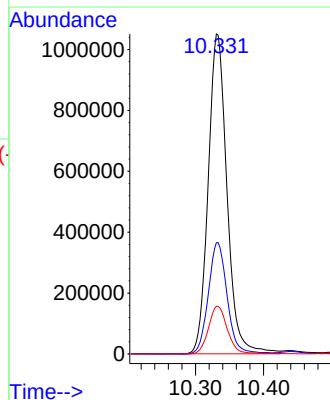
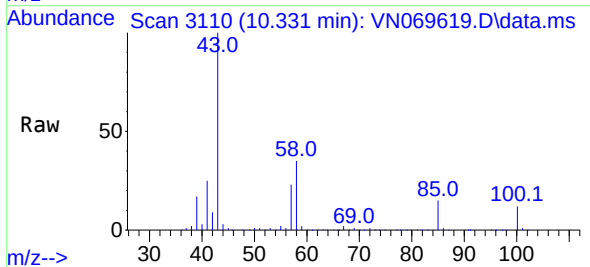
Reviewed By :John
Carlone
11/23/2021

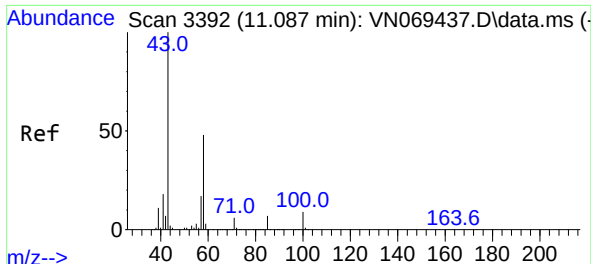
Supervised By :Mahesh
Dadoda
11/23/2021



#58
4-Methyl-2-Pentanone
Concen: 108.048 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

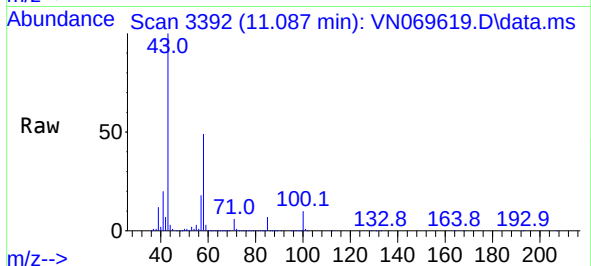
Tgt Ion: 43 Resp: 2021321
Ion Ratio Lower Upper
43 100
58 34.7 30.0 45.0
85 14.8 15.0 22.6#





#59
2-Hexanone
Concen: 96.247 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

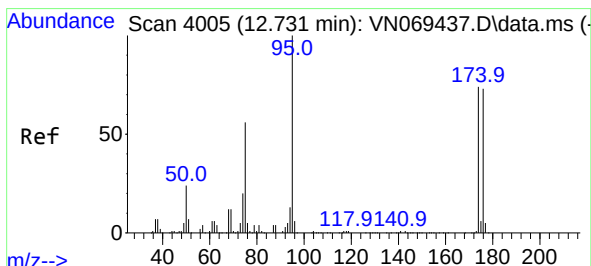
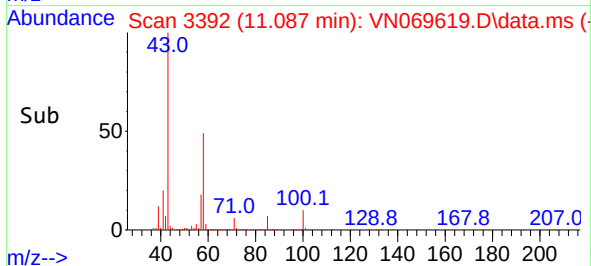
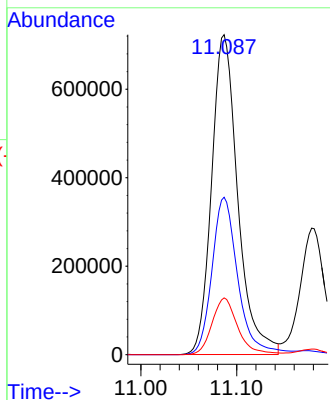


Tgt Ion: 43 Resp: 136961
Ion Ratio Lower Upper
43 100
58 49.0 42.2 63.2
57 17.5 15.0 22.4

Manual Integrations
APPROVED

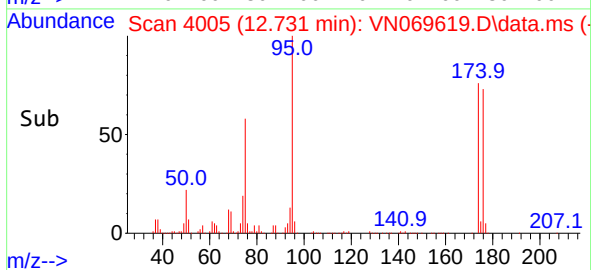
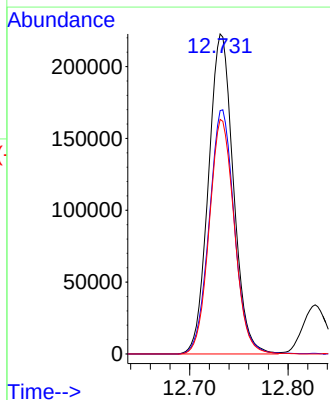
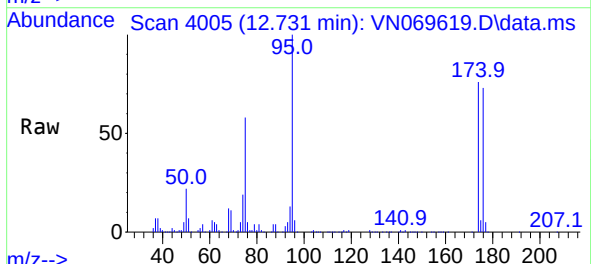
Reviewed By :John
Carlone
11/23/2021

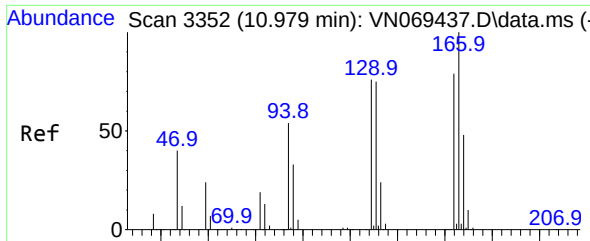
Supervised By :Mahesh
Dadoda
11/23/2021



#60
4-Bromofluorobenzene
Concen: 28.769 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

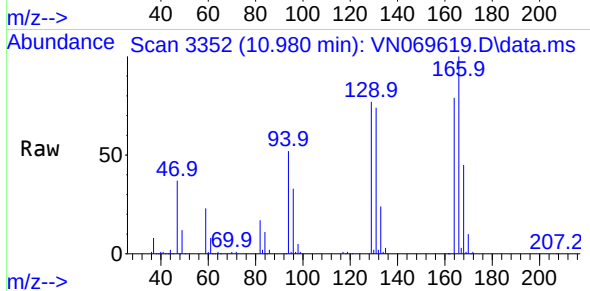
Tgt Ion: 95 Resp: 392367
Ion Ratio Lower Upper
95 100
174 77.0 62.9 94.3
176 73.5 61.0 91.4





#61
Tetrachloroethene
Concen: 20.834 ug/l
RT: 10.980 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

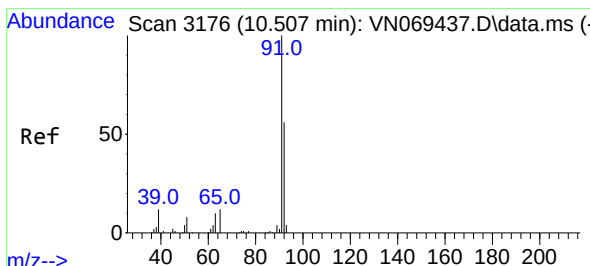
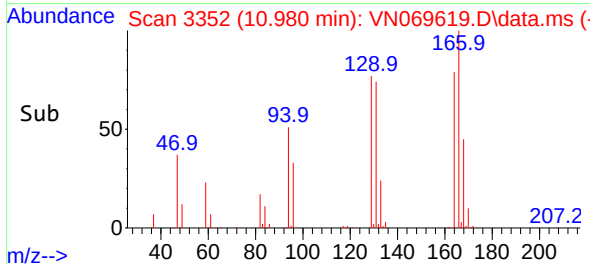
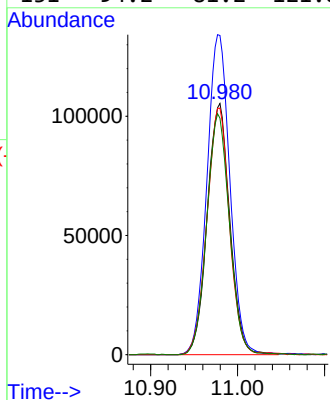


Tgt Ion:164 Resp: 190569
Ion Ratio Lower Upper
164 100
166 127.1 105.8 158.8
129 98.2 82.5 123.7
131 94.2 81.2 121.8

Manual Integrations
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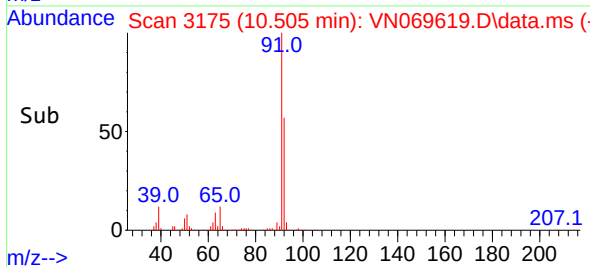
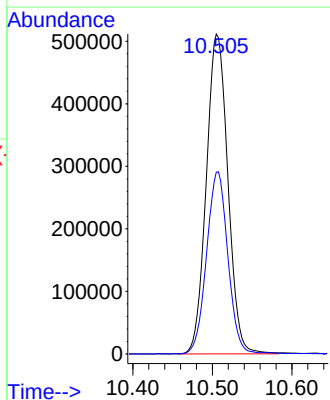
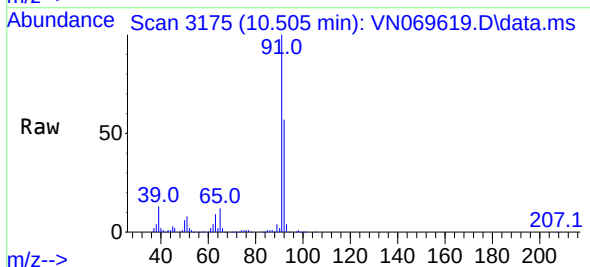
Reviewed By :John
Carlone
11/23/2021

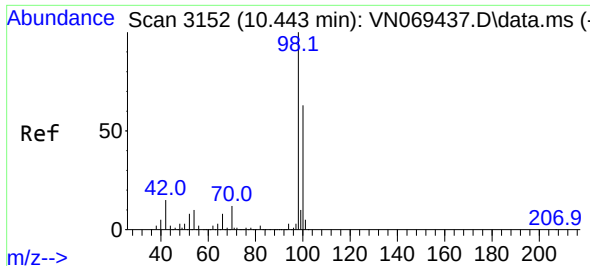
Supervised By :Mahesh
Dadoda
11/23/2021



#62
Toluene
Concen: 20.598 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

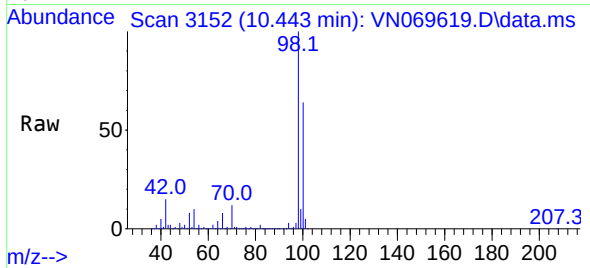
Tgt Ion: 91 Resp: 964648
Ion Ratio Lower Upper
91 100
92 55.9 44.6 67.0





#63
Toluene-d8
Concen: 31.049 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

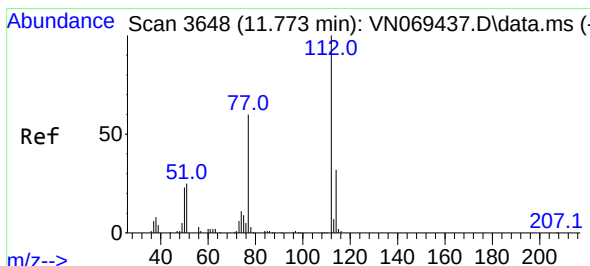
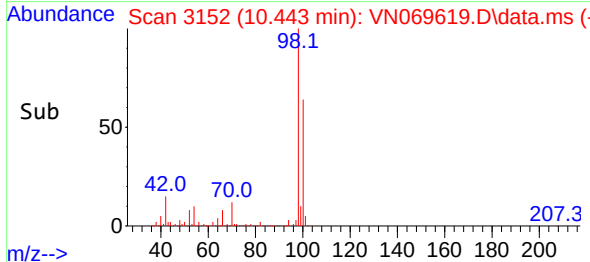
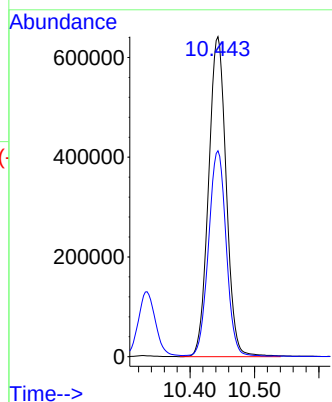
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 1221790
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0

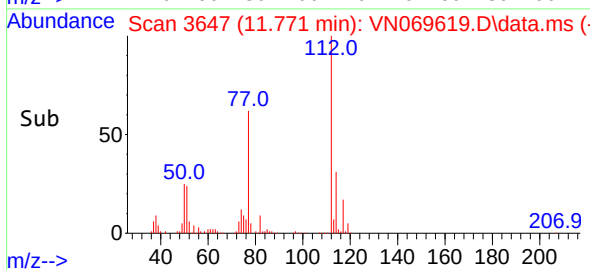
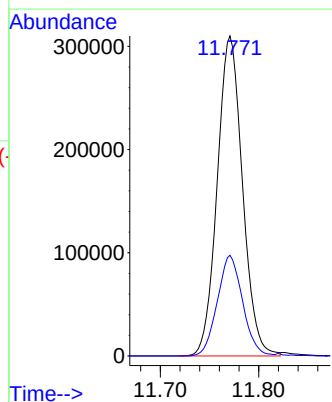
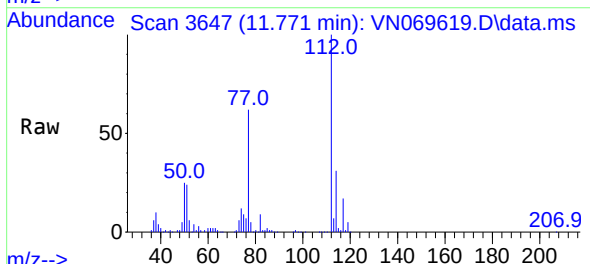
Manual Integrations
APPROVED

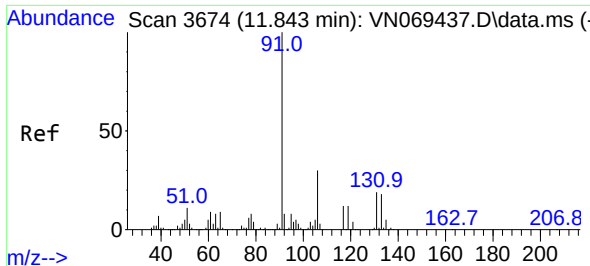
Reviewed By :John
Carlone
11/23/2021
Supervised By :Mahesh
Dadoda
11/23/2021



#64
Chlorobenzene
Concen: 19.710 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

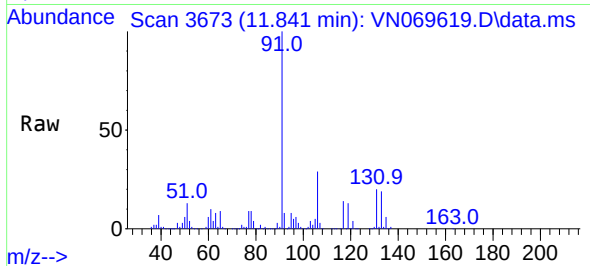
Tgt Ion:112 Resp: 553794
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.518 ug/l
RT: 11.841 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

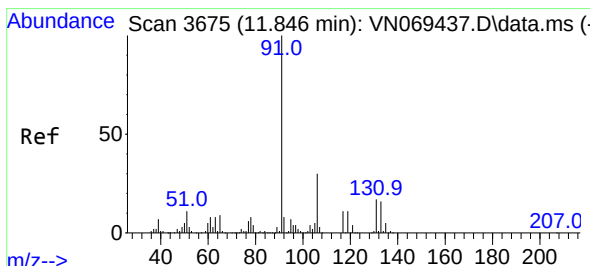
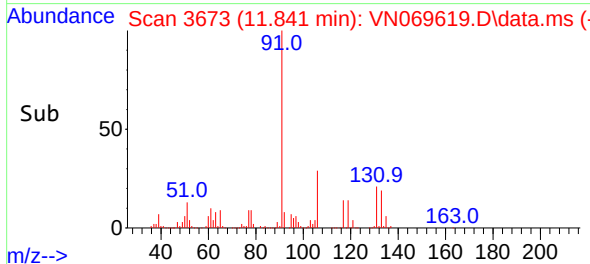
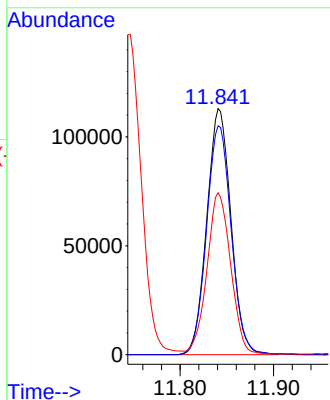


Tgt Ion:131 Resp: 202960
Ion Ratio Lower Upper
131 100
133 94.8 0.0 191.2
119 63.8 0.0 128.8

Manual Integrations
APPROVED

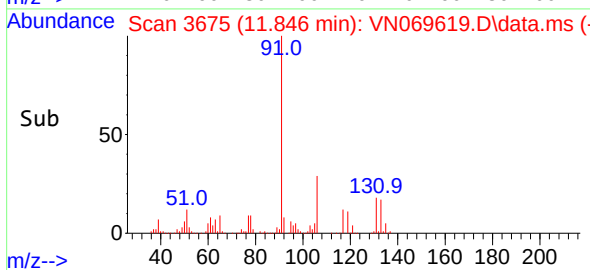
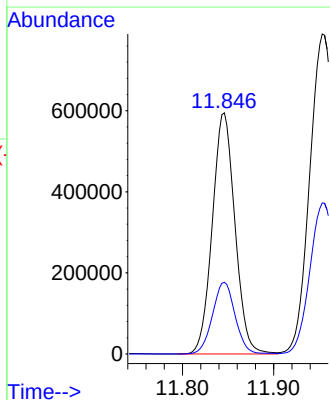
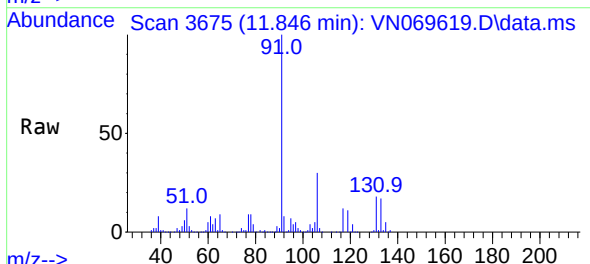
Reviewed By :John
Carlone
11/23/2021

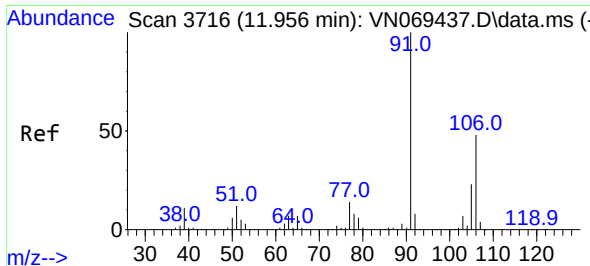
Supervised By :Mahesh
Dadoda
11/23/2021



#66
Ethyl Benzene
Concen: 19.779 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 91 Resp: 1025283
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0





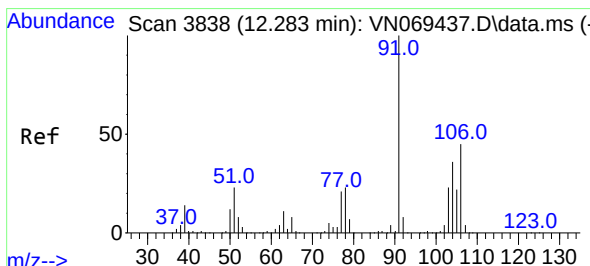
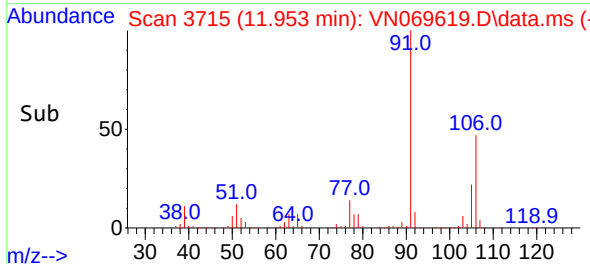
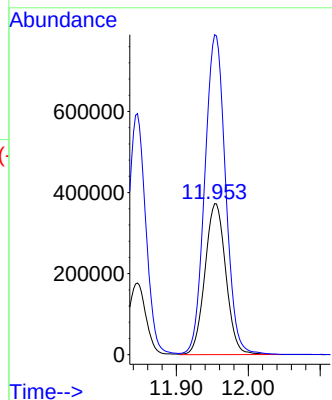
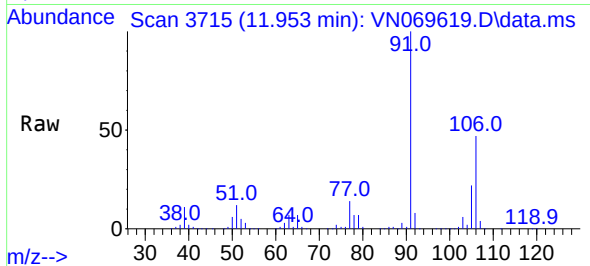
#67
m/p-Xylenes
Concen: 39.113 ug/l
RT: 11.953 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 753064
Ion Ratio Lower Upper
106 100
91 210.2 162.9 244.3

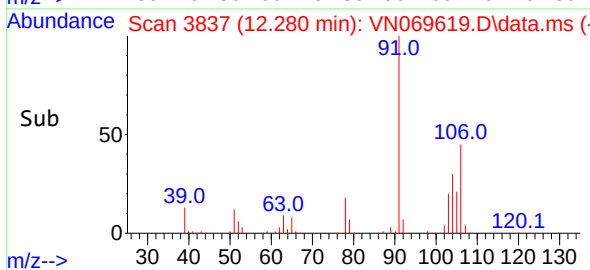
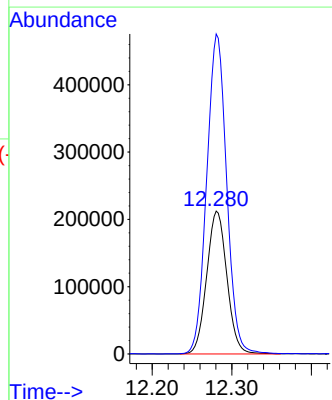
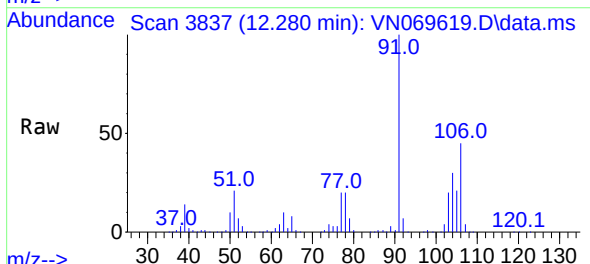
Manual Integrations
APPROVED

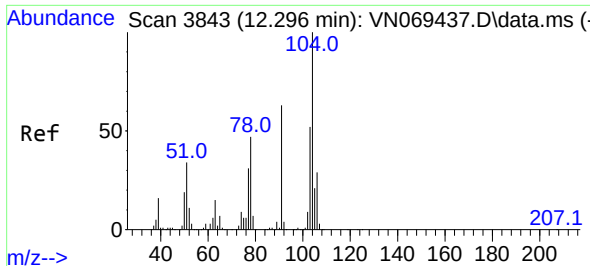
Reviewed By :John
Carlone
11/23/2021
Supervised By :Mahesh
Dadoda
11/23/2021



#68
o-Xylene
Concen: 19.452 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

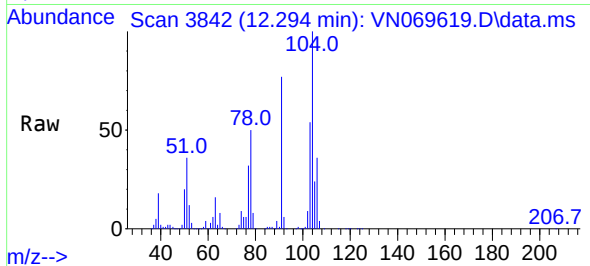
Tgt Ion:106 Resp: 374995
Ion Ratio Lower Upper
106 100
91 220.3 107.7 323.1





#69
Styrene
Concen: 18.618 ug/l
RT: 12.294 min Scan# 3843
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

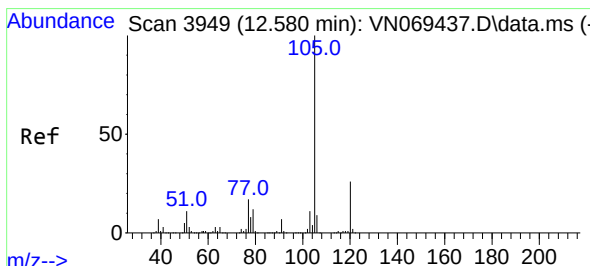
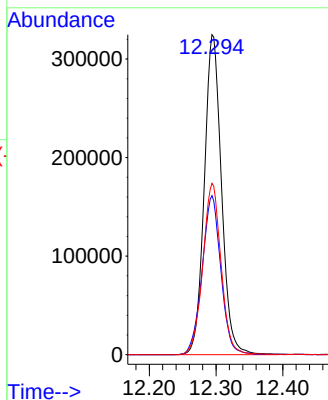
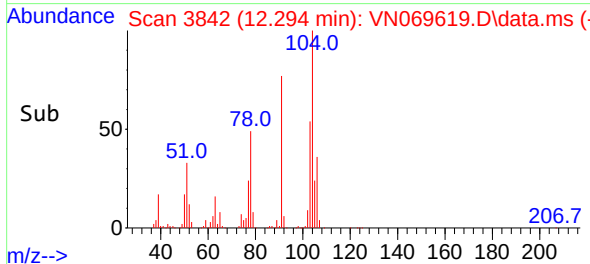


Tgt Ion:104 Resp: 58188
Ion Ratio Lower Upper
104 100
78 54.0 40.7 61.1
103 56.7 45.8 68.8

Manual Integrations
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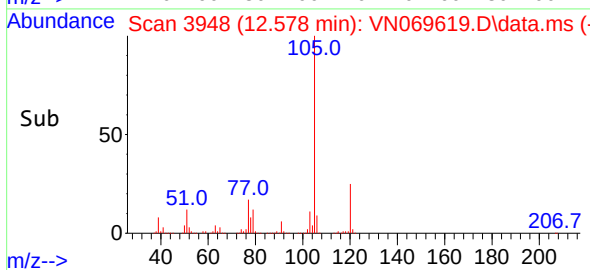
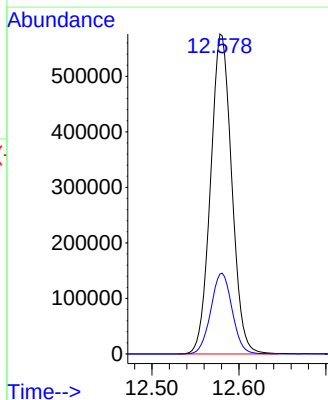
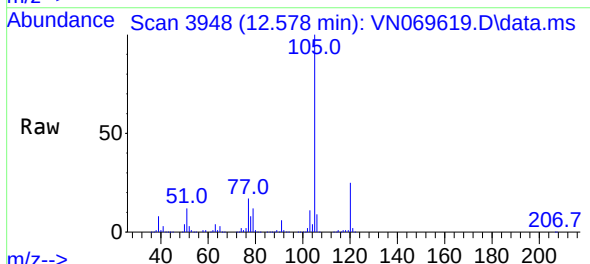
Reviewed By :John
Carlone
11/23/2021

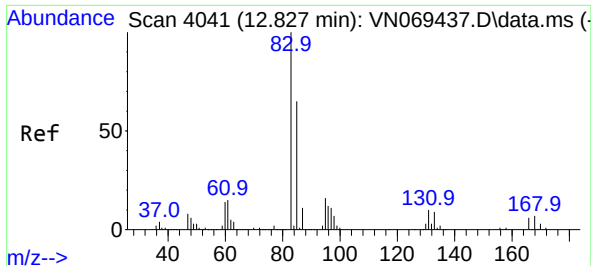
Supervised By :Mahesh
Dadoda
11/23/2021



#70
Isopropylbenzene
Concen: 19.324 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

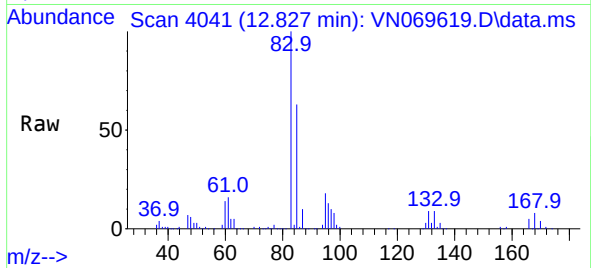
Tgt Ion:105 Resp: 974226
Ion Ratio Lower Upper
105 100
120 25.5 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.397 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

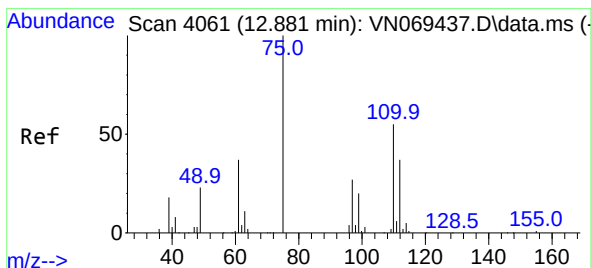
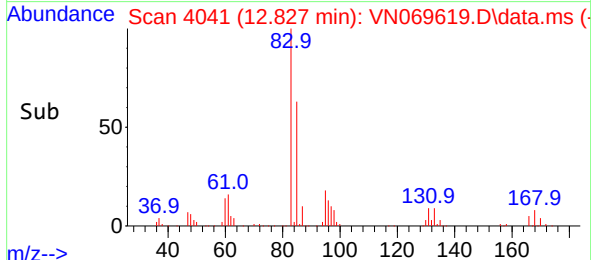
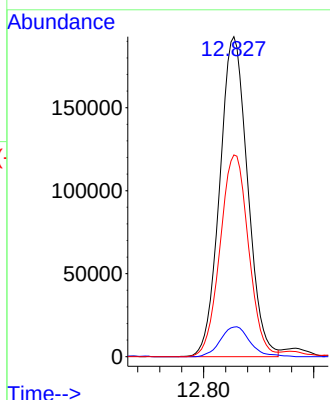


Tgt Ion: 83 Resp: 339328
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.4 33.1 99.2

Manual Integrations
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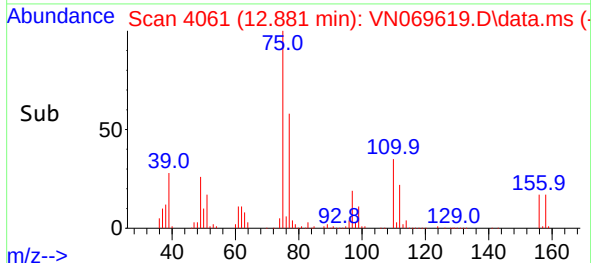
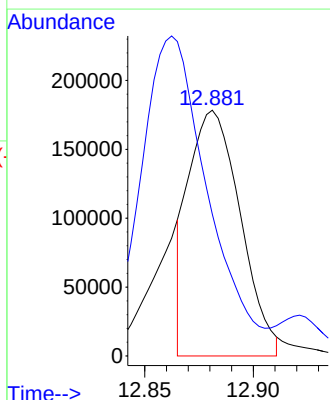
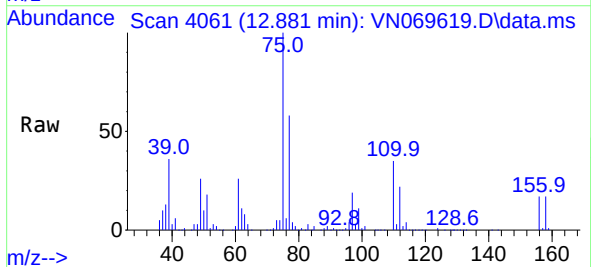
Reviewed By :John
Carlone
11/23/2021

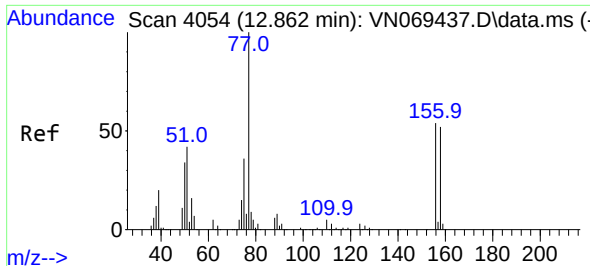
Supervised By :Mahesh
Dadoda
11/23/2021



#72
1,2,3-Trichloropropane
Concen: 18.223 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

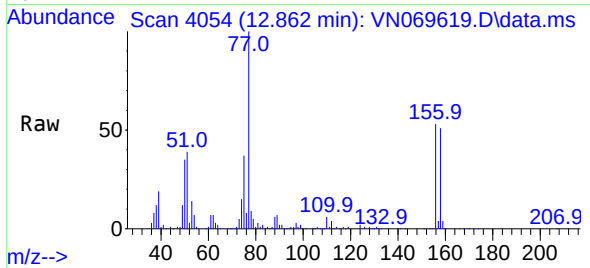
Tgt Ion: 75 Resp: 295320
Ion Ratio Lower Upper
75 100
77 169.0 0.0 378.0





#73
Bromobenzene
Concen: 19.245 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

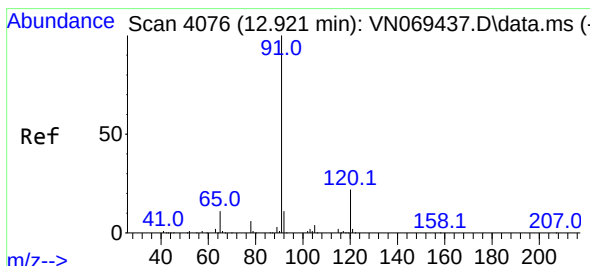
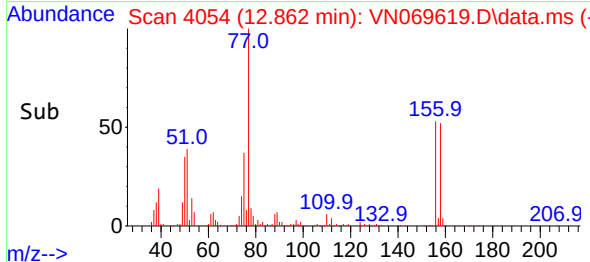
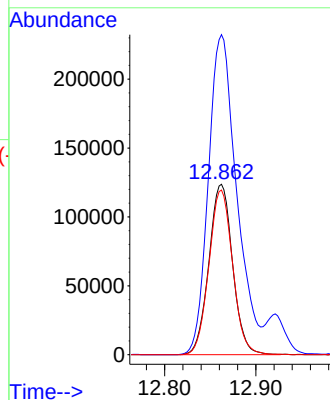


Tgt Ion:156 Resp: 22366
Ion Ratio Lower Upper
156 100
77 223.1 0.0 416.0
158 96.5 0.0 195.4

Manual Integrations
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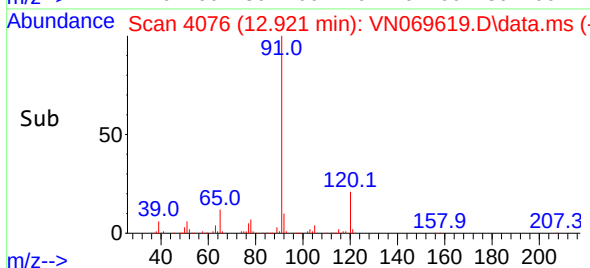
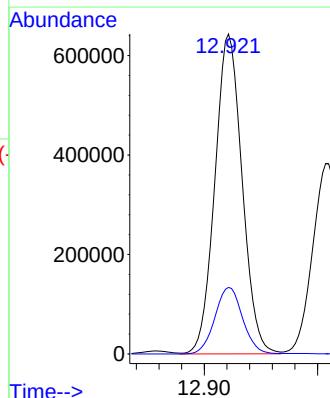
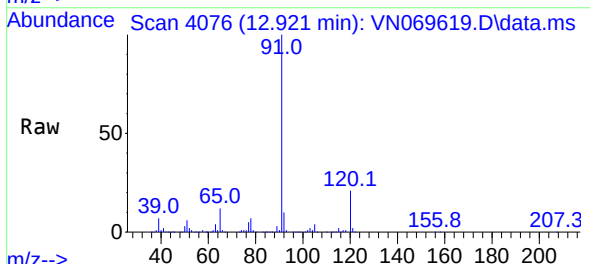
Reviewed By :John
Carlone
11/23/2021

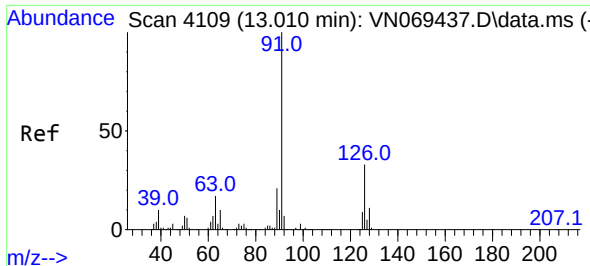
Supervised By :Mahesh
Dadoda
11/23/2021



#74
n-propylbenzene
Concen: 18.533 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 91 Resp: 1073093
Ion Ratio Lower Upper
91 100
120 21.2 0.0 45.0





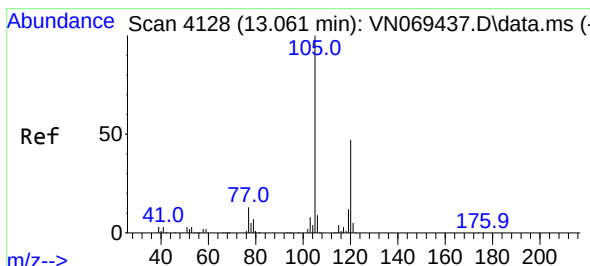
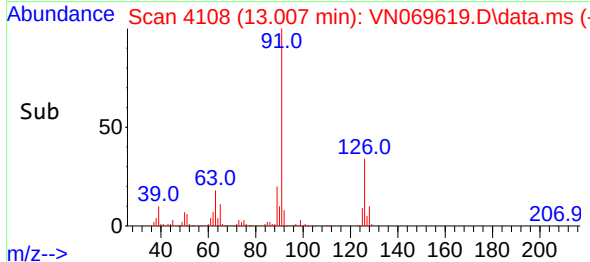
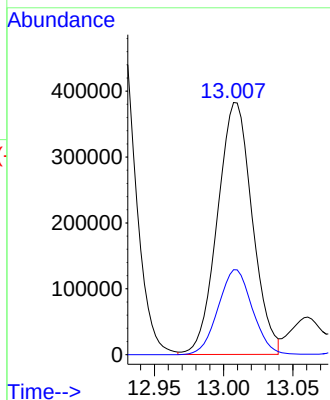
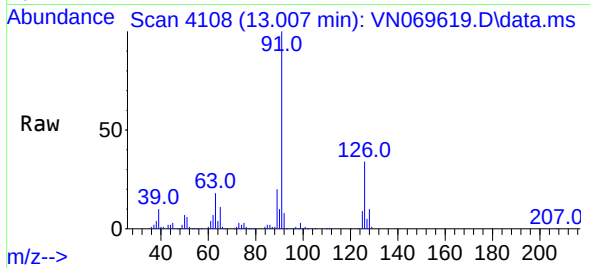
#75
2-Chlorotoluene
Concen: 18.992 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 669410
Ion Ratio Lower Upper
91 100
126 33.1 0.0 69.8

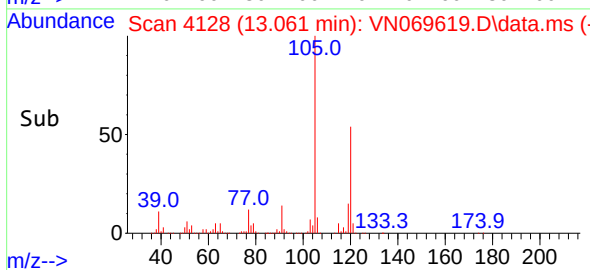
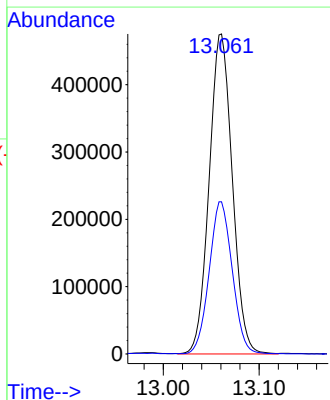
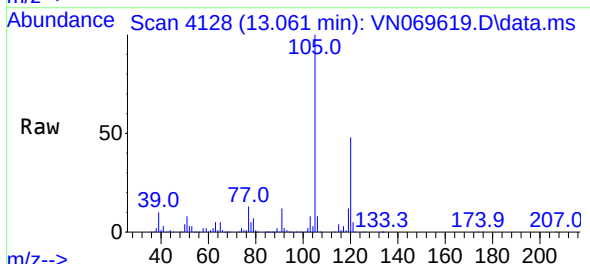
Manual Integrations
APPROVED

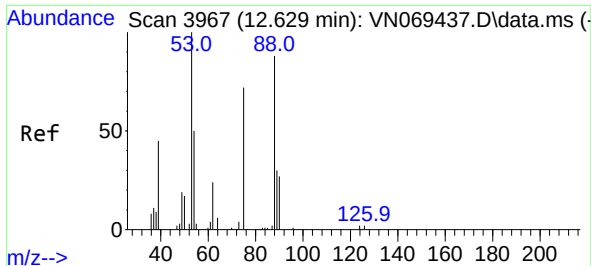
Reviewed By :John
Carlone
11/23/2021
Supervised By :Mahesh
Dadoda
11/23/2021



#76
1,3,5-Trimethylbenzene
Concen: 19.268 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion:105 Resp: 797304
Ion Ratio Lower Upper
105 100
120 47.4 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 15.437 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.005 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

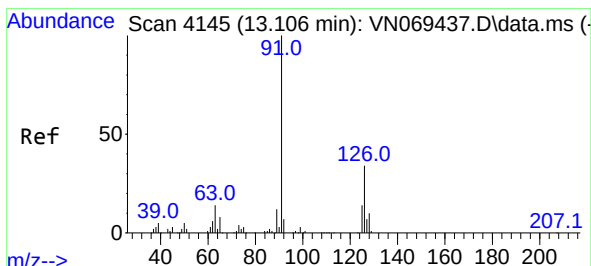
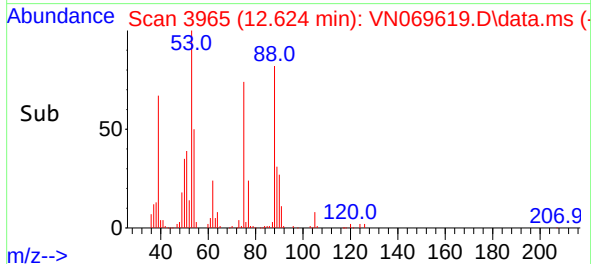
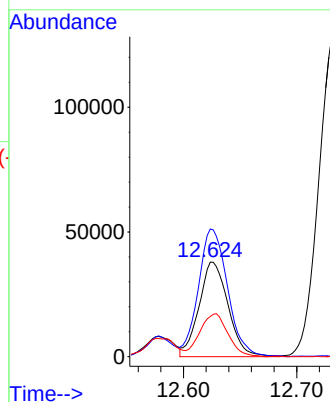
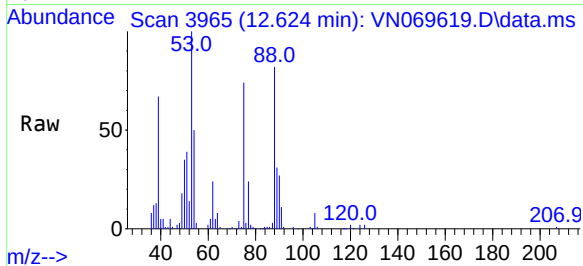
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 67532
Ion Ratio Lower Upper
75 100
53 135.1 51.8 155.5
89 42.3 22.9 68.7

Manual Integrations
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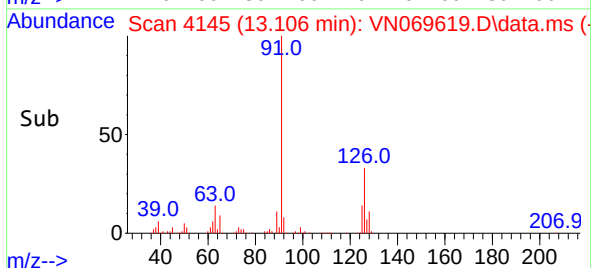
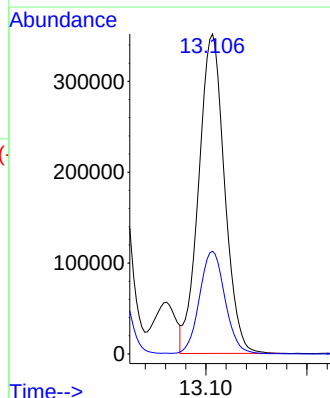
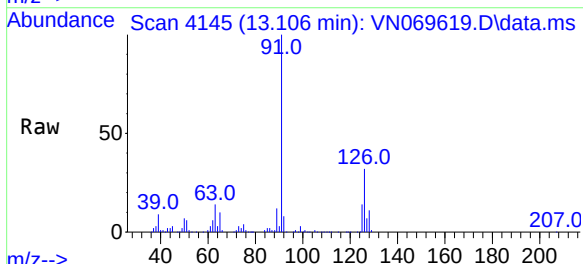
Reviewed By :John
Carlone
11/23/2021

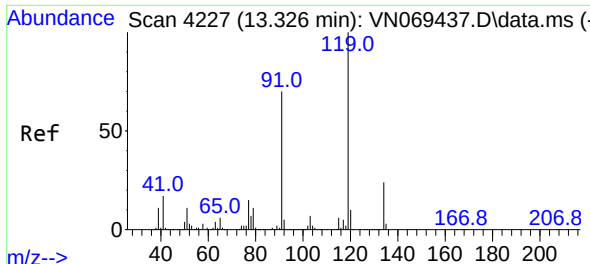
Supervised By :Mahesh
Dadoda
11/23/2021



#78
4-Chlorotoluene
Concen: 18.462 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion: 91 Resp: 623167
Ion Ratio Lower Upper
91 100
126 31.7 0.0 70.6





#79
tert-butylbenzene
Concen: 18.785 ug/l
RT: 13.324 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:119 Resp: 68380
Ion Ratio Lower Upper
119 100
91 69.7 0.0 137.0
134 24.3 0.0 47.6

Manual Integrations
APPROVED

Reviewed By :John

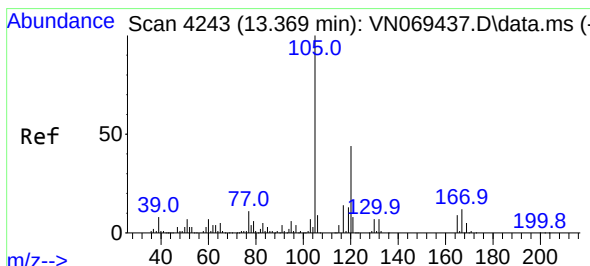
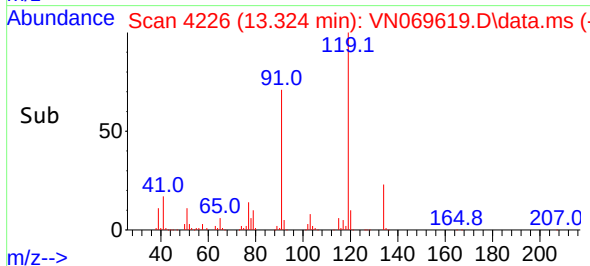
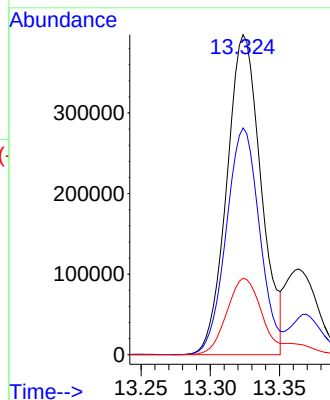
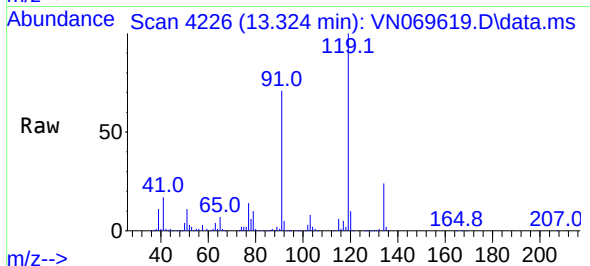
Carlone

11/23/2021

Supervised By :Mahesh

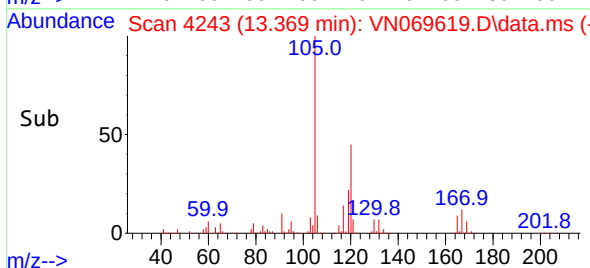
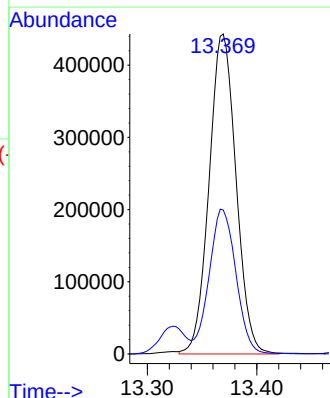
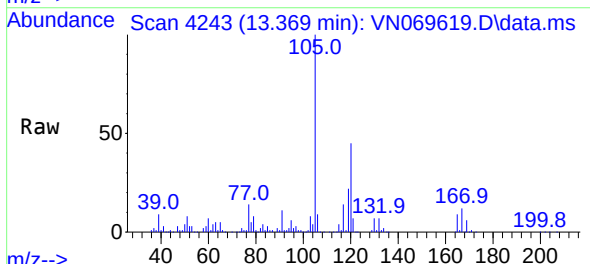
Dadoda

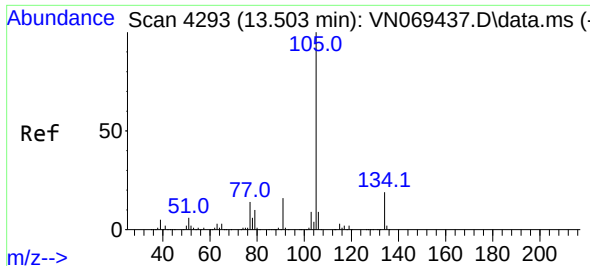
11/23/2021



#80
1,2,4-Trimethylbenzene
Concen: 18.766 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion:105 Resp: 757497
Ion Ratio Lower Upper
105 100
120 0.0 0.0 0.2





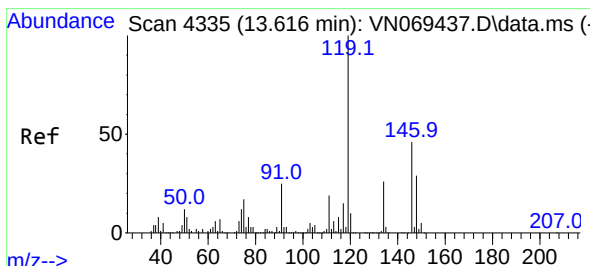
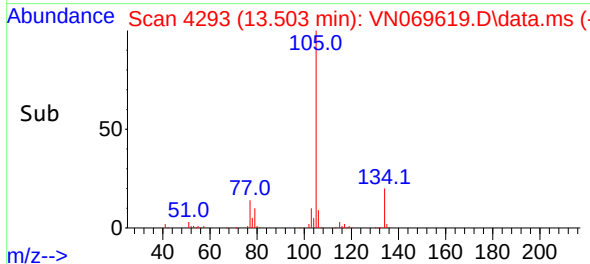
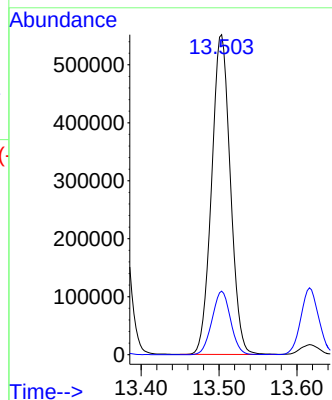
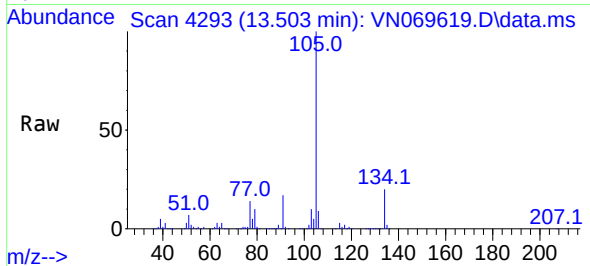
#81
 sec-Butylbenzene
 Concen: 18.080 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069619.D
 Acq: 22 Nov 2021 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 920819
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

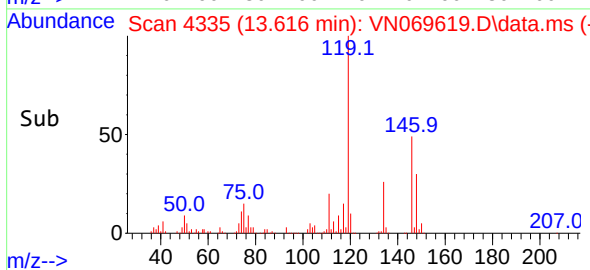
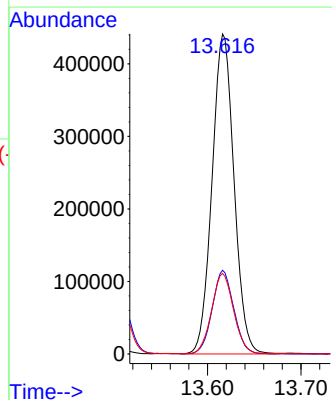
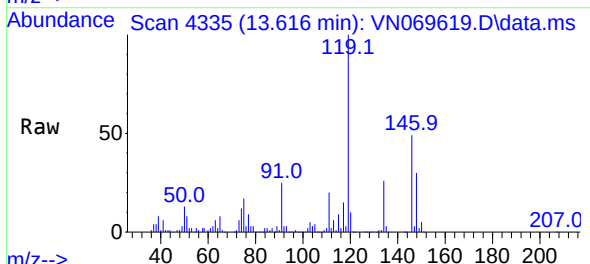
Manual Integrations
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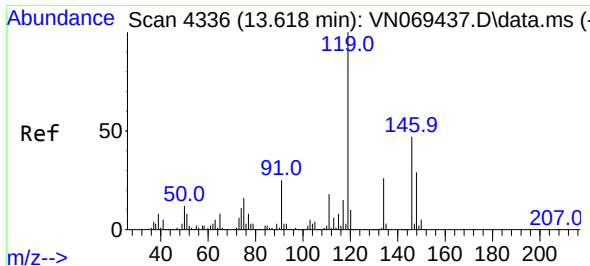
Reviewed By :John
 Carlone
 11/23/2021
 Supervised By :Mahesh
 Dadoda
 11/23/2021



#82
 p-Isopropyltoluene
 Concen: 17.753 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.002 min
 Lab File: VN069619.D
 Acq: 22 Nov 2021 19:10

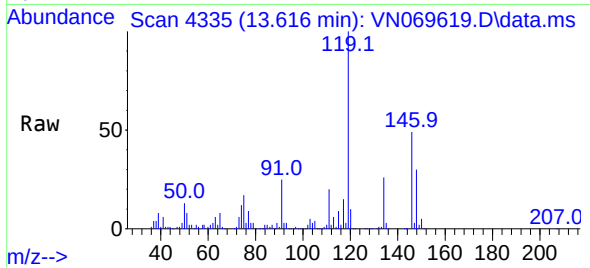
Tgt Ion:119 Resp: 721446
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.8
 91 25.1 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.208 ug/l
RT: 13.616 min Scan# 4336
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

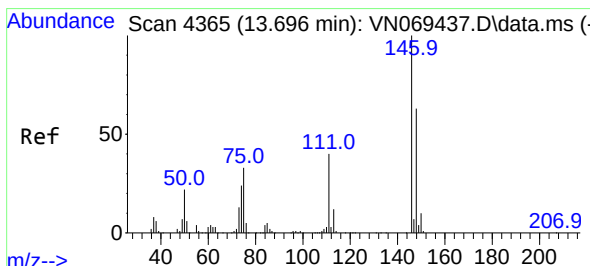
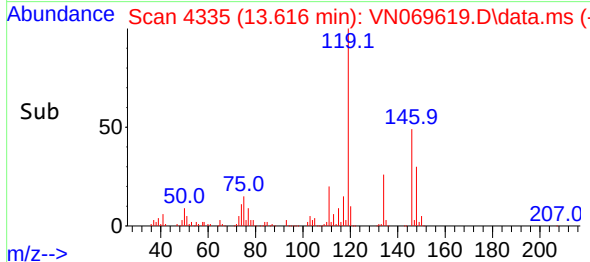
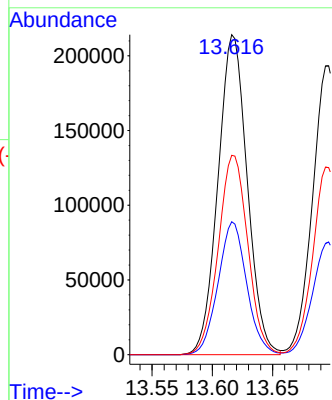


Tgt Ion:146 Resp: 361792
Ion Ratio Lower Upper
146 100
111 40.7 20.8 62.2
148 63.0 31.4 94.3

Manual Integrations
APPROVED

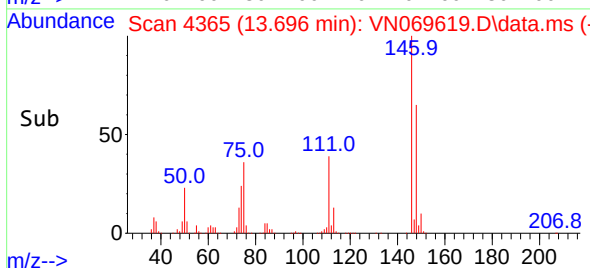
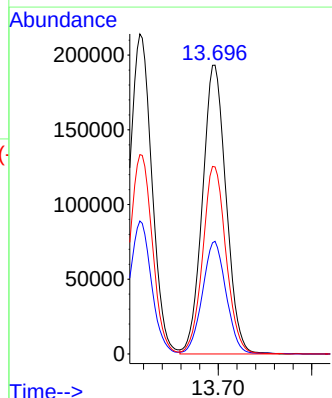
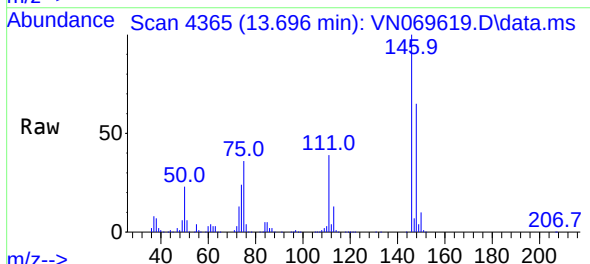
Reviewed By :John
Carlone
11/23/2021

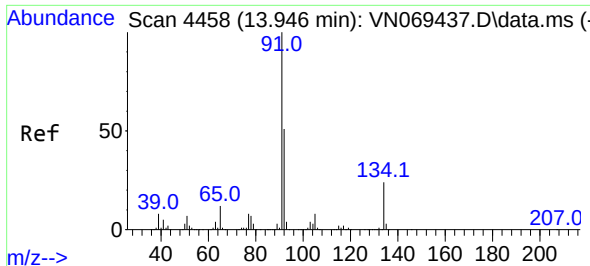
Supervised By :Mahesh
Dadoda
11/23/2021



#84
1,4-Dichlorobenzene
Concen: 17.620 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

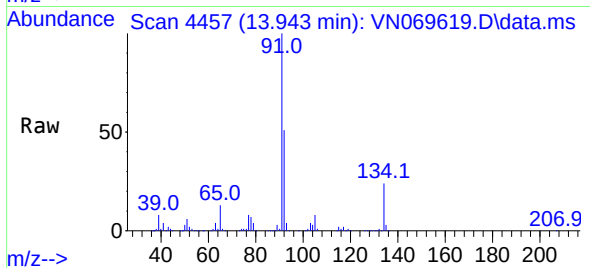
Tgt Ion:146 Resp: 339657
Ion Ratio Lower Upper
146 100
111 38.7 19.5 58.5
148 64.3 31.1 93.5





#85
n-Butylbenzene
Concen: 15.517 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

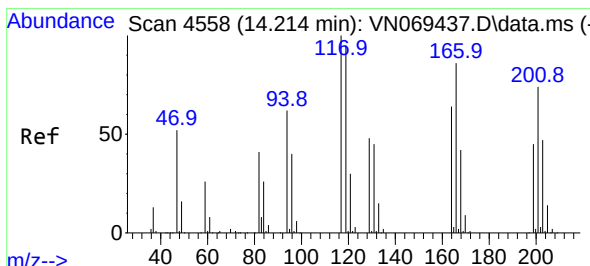
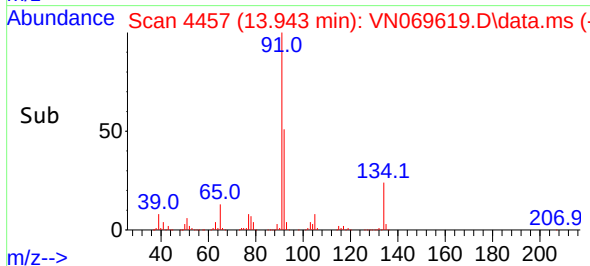
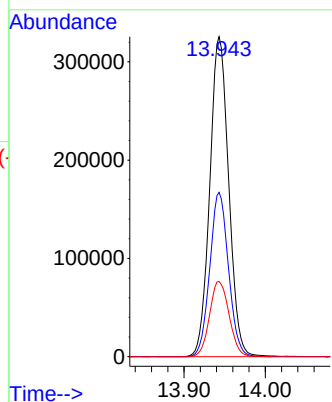


Tgt Ion: 91 Resp: 526285
Ion Ratio Lower Upper
91 100
92 50.8 0.0 100.6
134 24.3 0.0 50.2

Manual Integrations
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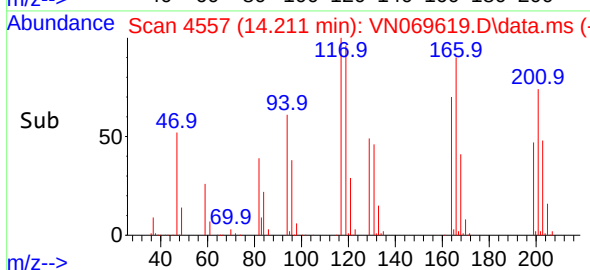
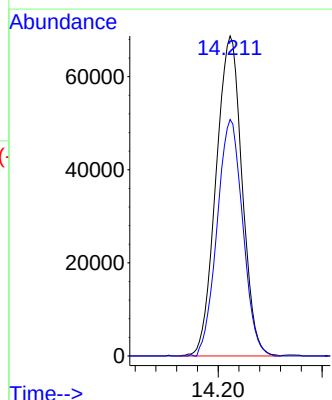
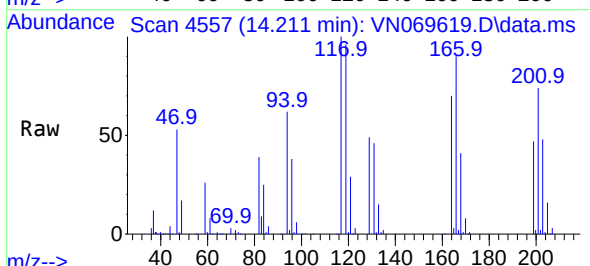
Reviewed By :John
Carlone
11/23/2021

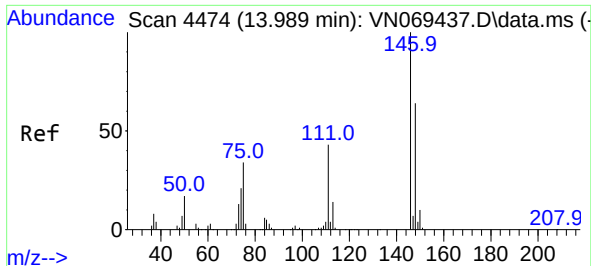
Supervised By :Mahesh
Dadoda
11/23/2021



#86
Hexachloroethane
Concen: 17.814 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

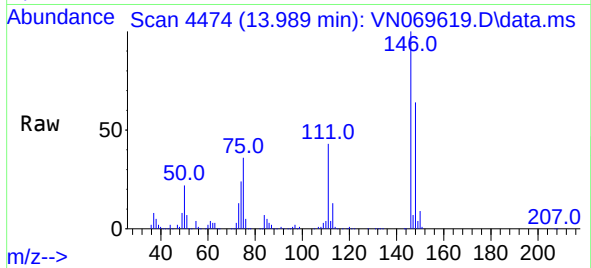
Tgt Ion:117 Resp: 119808
Ion Ratio Lower Upper
117 100
201 72.9 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 18.738 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

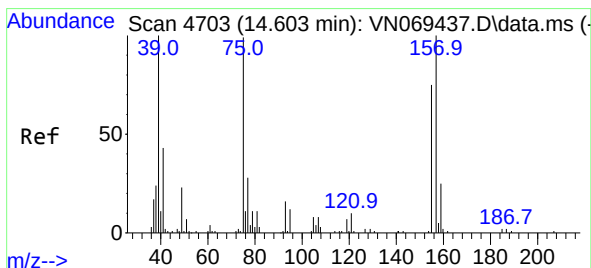
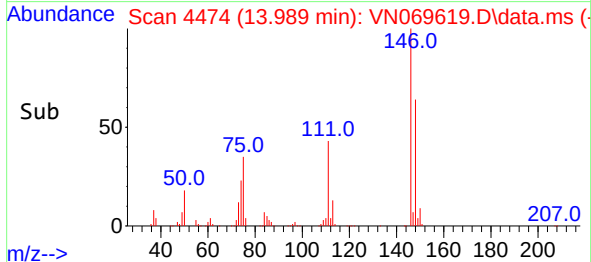
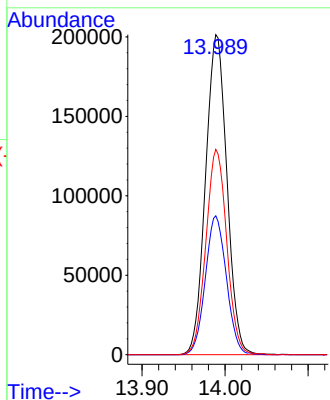


Tgt Ion:146 Resp: 35933
Ion Ratio Lower Upper
146 100
111 42.7 21.4 64.2
148 63.0 32.5 97.4

Manual Integrations
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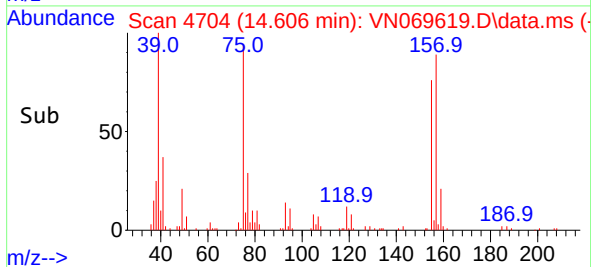
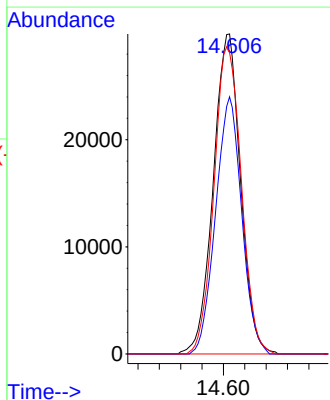
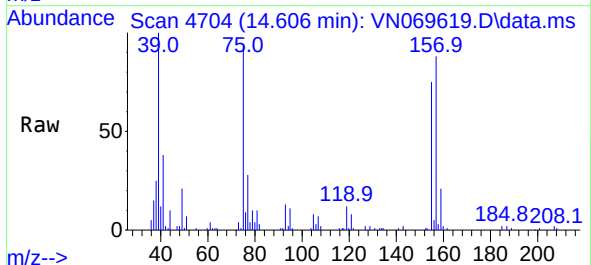
Reviewed By :John
Carlone
11/23/2021

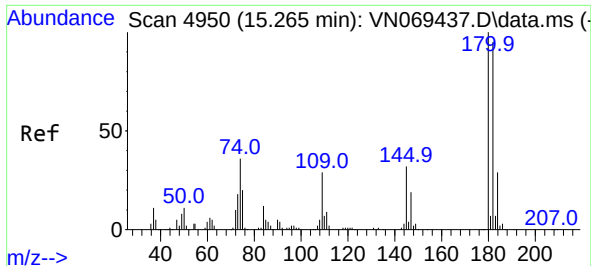
Supervised By :Mahesh
Dadoda
11/23/2021



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.206 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

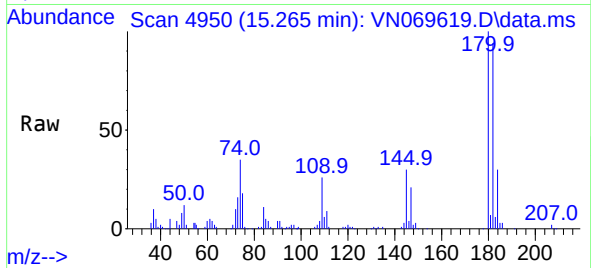
Tgt Ion: 75 Resp: 53021
Ion Ratio Lower Upper
75 100
155 76.9 63.8 95.8
157 96.2 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 14.560 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

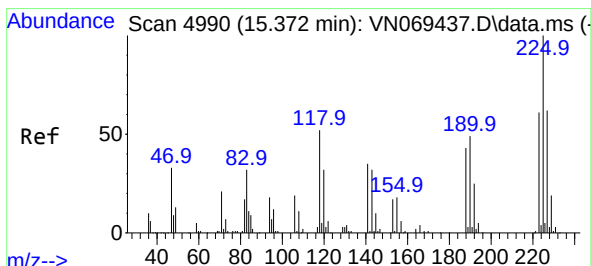
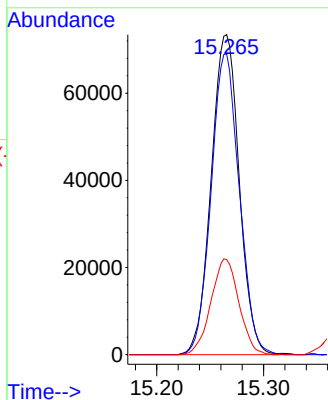
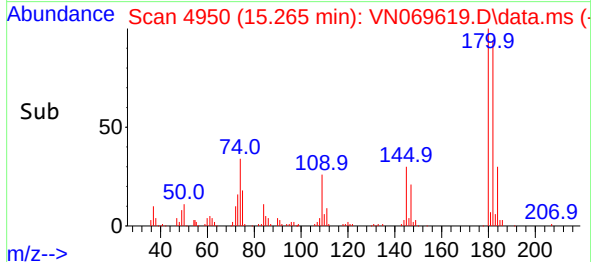


Tgt Ion:180 Resp: 133880
Ion Ratio Lower Upper
180 100
182 94.4 77.7 116.5
145 29.9 26.6 39.8

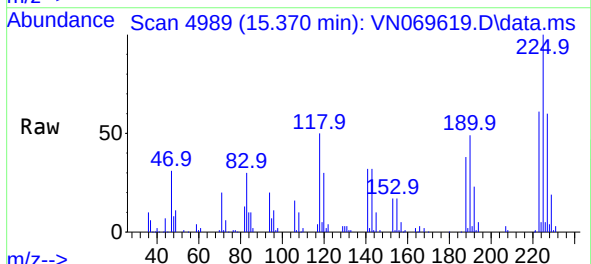
Manual Integrations
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Reviewed By :John
Carlone
11/23/2021

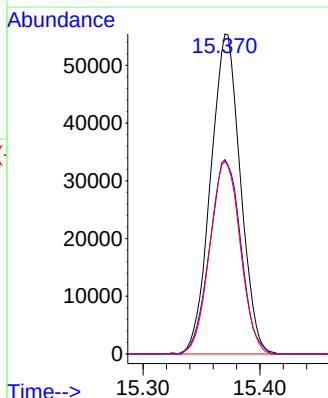
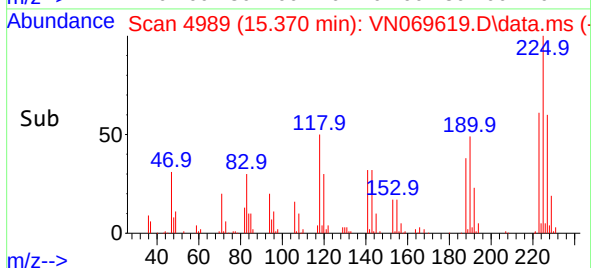
Supervised By :Mahesh
Dadoda
11/23/2021

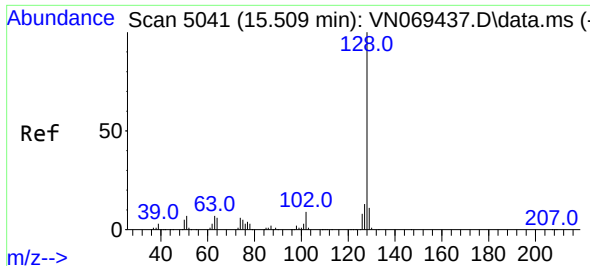


#90
Hexachlorobutadiene
Concen: 19.701 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10



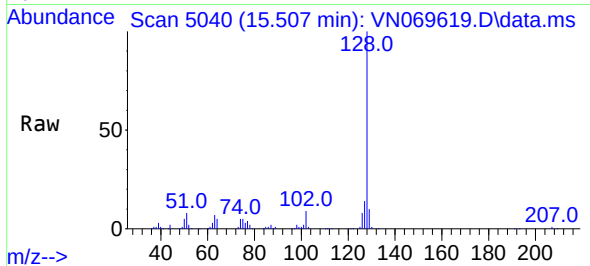
Tgt Ion:225 Resp: 97962
Ion Ratio Lower Upper
225 100
223 63.4 0.0 126.8
227 61.9 0.0 123.0





#91
Naphthalene
Concen: 11.921 ug/l
RT: 15.507 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

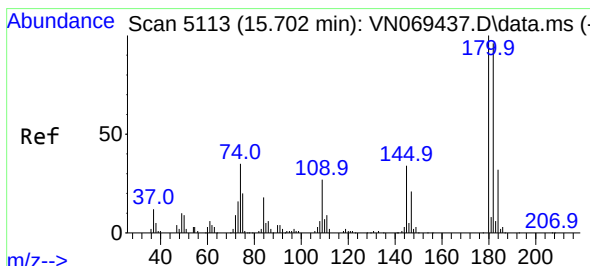
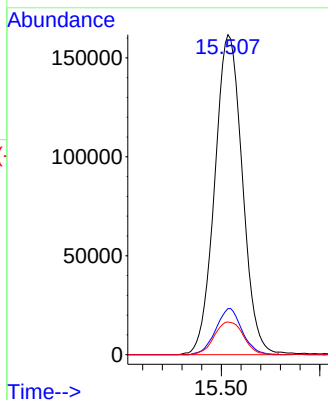
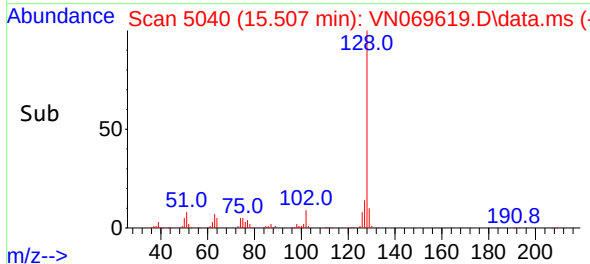


Tgt Ion:128 Resp: 31575
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 10.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone
11/23/2021

Supervised By :Mahesh
Dadoda
11/23/2021



#92
1,2,3-Trichlorobenzene
Concen: 14.572 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069619.D
Acq: 22 Nov 2021 19:10

Tgt Ion:180 Resp: 131716
Ion Ratio Lower Upper
180 100
182 93.2 0.0 190.0
145 33.6 0.0 67.8

