

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
 Data File : VN073766.D
 Acq On : 08 Aug 2022 13:08
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Aug 09 00:24:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 08/09/2022

Supervised By :Mahesh
 Dadoda
 08/09/2022

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

Internal Standards						
1) Bromochloromethane	7.587	128	55336	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	297188	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	277093	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	142658	29.817	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.400%		
60) 4-Bromofluorobenzene	12.674	95	141278	28.795	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.967%		
63) Toluene-d8	10.380	98	463362	29.698	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	80160	21.312	ug/l	99
3) Chloromethane	2.269	50	95612	19.227	ug/l	97
4) Vinyl Chloride	2.405	62	121350	19.882	ug/l	96
5) Bromomethane	2.799	94	74770	24.114	ug/l	97
6) Chloroethane	2.963	64	77927	18.845	ug/l	99
7) Trichlorofluoromethane	3.310	101	162518	27.071	ug/l	94
8) Diethyl Ether	3.769	74	48577	20.109	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.140	101	76447	21.122	ug/l #	64
10) 1,1-Dichloroethene	4.110	96	71885	20.750	ug/l	87
11) Methyl Iodide	4.346	142	64883	16.236	ug/l	91
12) Methyl Acetate	4.775	43	122539	20.812	ug/l	99
13) Acrolein	3.981	56	138745	134.049	ug/l	98
14) Acrylonitrile	5.475	53	275094	101.236	ug/l	99
15) Acetone	4.222	58	80157	106.107	ug/l	84
16) Carbon Disulfide	4.451	76	181976	19.222	ug/l	98
17) Allyl chloride	4.763	41	115118	19.921	ug/l	86
18) Methylene Chloride	5.016	84	88678m	20.201	ug/l	
19) trans-1,2-Dichloroethene	5.516	96	77167	20.090	ug/l	98
20) Diisopropyl ether	6.410	45	245322	19.516	ug/l	97
21) 1,1-Dichloroethane	6.304	63	148332	19.996	ug/l	98
22) cis-1,2-Dichloroethene	7.245	96	95387	20.643	ug/l	94
23) tert-Butyl Alcohol	5.287	59	99158	103.255	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	257278	21.073	ug/l	93
25) Chloroform	7.745	83	156722	20.469	ug/l	97
26) Cyclohexane	8.022	56	123438	19.292	ug/l #	95
29) 1,1-Dichloropropene	8.151	75	108180	19.482	ug/l	100
30) 2-Butanone	7.263	43	384597	100.190	ug/l	98
31) 2,2-Dichloropropane	7.245	77	121021	20.886	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	132580	20.628	ug/l	99
33) Carbon Tetrachloride	8.134	117	112931	20.491	ug/l	95
34) Benzene	8.392	78	356683	19.850	ug/l	98
35) Methacrylonitrile	7.563	41	57416	18.426	ug/l	94
36) 1,2-Dichloroethane	8.463	62	115857	19.553	ug/l #	93
37) Trichloroethene	9.151	130	88084	19.925	ug/l	99
38) Methylcyclohexane	9.392	83	134092	19.453	ug/l	97
39) 1,2-Dichloropropane	9.428	63	87676	19.341	ug/l	96
40) Dibromomethane	9.516	93	62354	20.270	ug/l	88
41) Bromodichloromethane	9.704	83	121111	20.113	ug/l	93
42) Vinyl Acetate	6.351	43	1079329	97.577	ug/l	96

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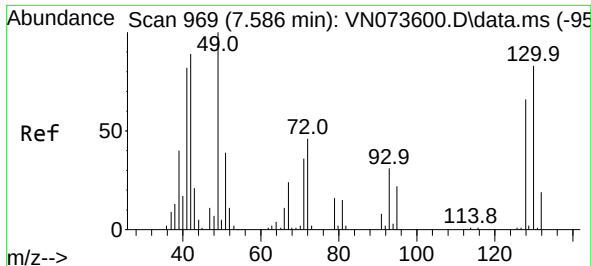
Manual Integrations APPROVED

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 08/09/2022

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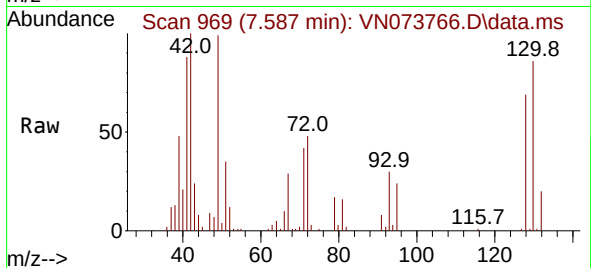
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.334	43	130490	17.906	ug/l	95
44) Isopropyl Acetate	8.498	43	197750	19.514	ug/l	95
45) 1,4-Dioxane	9.504	88	53190	440.185	ug/l	97
46) Methyl methacrylate	9.498	41	85402	18.845	ug/l	87
47) n-amyl Acetate	12.333	43	149347	18.485	ug/l	93
48) t-1,3-Dichloropropene	10.663	75	119756	19.318	ug/l	98
49) cis-1,3-Dichloropropene	10.128	75	134990	19.612	ug/l #	86
50) 1,1,2-Trichloroethane	10.839	97	95592	20.714	ug/l	98
51) Ethyl methacrylate	10.704	69	132757	19.134	ug/l	84
52) 1,3-Dichloropropane	10.986	76	153915	19.787	ug/l	99
53) Dibromochloromethane	11.180	129	95108	20.336	ug/l	99
54) 1,2-Dibromoethane	11.286	107	94261	20.043	ug/l	98
55) 2-Chloroethyl vinyl ether	9.980	63	284029	91.274	ug/l	98
56) Bromoform	12.398	173	73963	20.124	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	722217	100.800	ug/l	94
59) 2-Hexanone	11.027	43	554519	100.481	ug/l	93
61) Tetrachloroethene	10.916	164	87860	20.700	ug/l	92
62) Toluene	10.445	91	392906	20.390	ug/l	98
64) Chlorobenzene	11.710	112	236156	20.512	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.780	131	88243	20.648	ug/l	98
66) Ethyl Benzene	11.786	91	406765	19.745	ug/l	98
67) m/p-Xylenes	11.892	106	321319	40.809	ug/l	98
68) o-Xylene	12.222	106	158598	20.280	ug/l	97
69) Styrene	12.233	104	259079	20.099	ug/l	96
70) Isopropylbenzene	12.522	105	409478	20.479	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.769	83	145525	20.699	ug/l	97
72) 1,2,3-Trichloropropane	12.821	75	126627m	21.566	ug/l	
73) Bromobenzene	12.804	156	101272	20.391	ug/l	95
74) n-propylbenzene	12.863	91	464865	19.978	ug/l	98
75) 2-Chlorotoluene	12.945	91	281291	20.167	ug/l	99
76) 1,3,5-Trimethylbenzene	12.998	105	340859	20.353	ug/l	94
77) t-1,4-Dichloro-2-butene	12.569	75	40776	19.056	ug/l	93
78) 4-Chlorotoluene	13.045	91	269587	20.119	ug/l	100
79) tert-butylbenzene	13.263	119	291855	20.157	ug/l	94
80) 1,2,4-Trimethylbenzene	13.310	105	339888m	20.489	ug/l	
81) sec-Butylbenzene	13.439	105	410249	19.733	ug/l	97
82) p-Isopropyltoluene	13.557	119	338300	19.820	ug/l	96
83) 1,3-Dichlorobenzene	13.557	146	186642	20.529	ug/l	97
84) 1,4-Dichlorobenzene	13.633	146	179032	20.414	ug/l	97
85) n-Butylbenzene	13.880	91	253189	18.300	ug/l	96
86) Hexachloroethane	14.151	117	62176	19.863	ug/l	77
87) 1,2-Dichlorobenzene	13.927	146	193360	21.036	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.539	75	31084	20.242	ug/l #	75
89) 1,2,4-Trichlorobenzene	15.198	180	99342	19.637	ug/l	98
90) Hexachlorobutadiene	15.304	225	53413	20.846	ug/l	96
91) Naphthalene	15.433	128	331349	19.947	ug/l	99
92) 1,2,3-Trichlorobenzene	15.627	180	108433	20.865	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 969
Delta R.T. 0.001 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

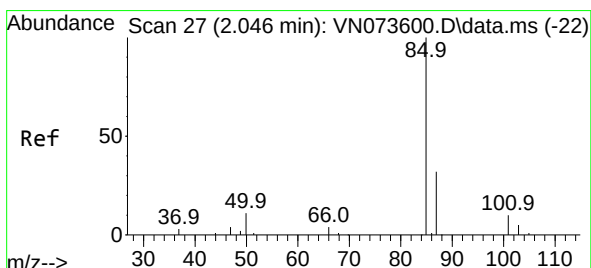
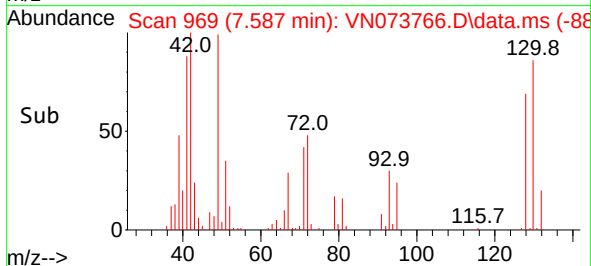
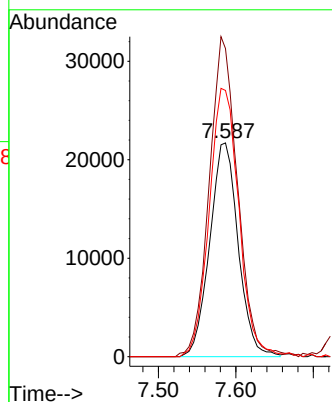


Tgt Ion:128 Resp: 55336
Ion Ratio Lower Upper
128 100
49 149.1 0.0 392.3
130 130.9 0.0 320.2

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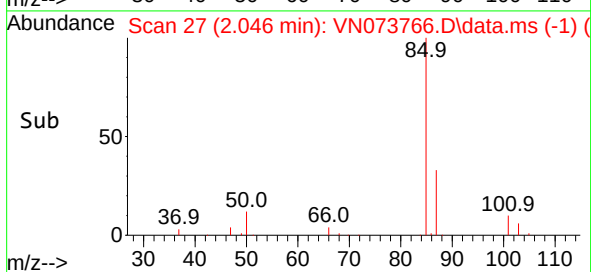
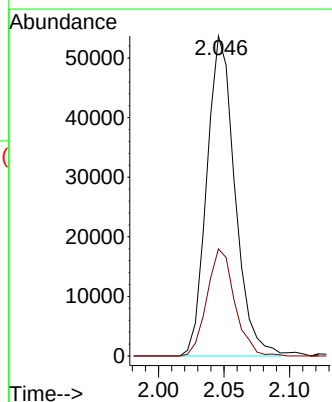
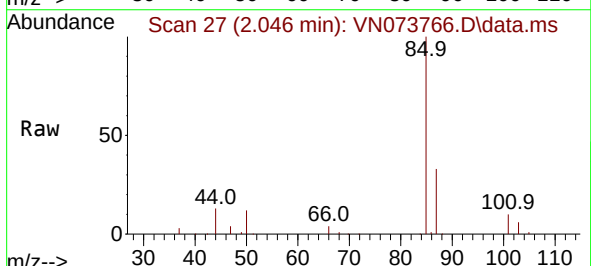
Reviewed By :John
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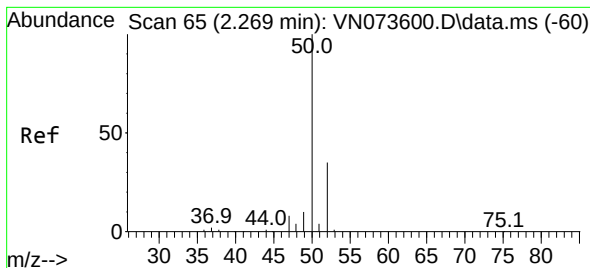
Supervised By :Mahesh
Dadoda
08/09/2022



#2
Dichlorodifluoromethane
Concen: 21.312 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

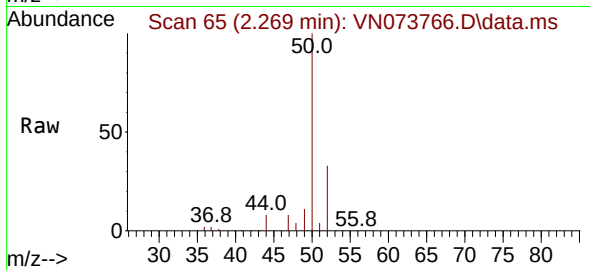
Tgt Ion: 85 Resp: 80160
Ion Ratio Lower Upper
85 100
87 33.5 16.6 49.7





#3
Chloromethane
Concen: 19.227 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

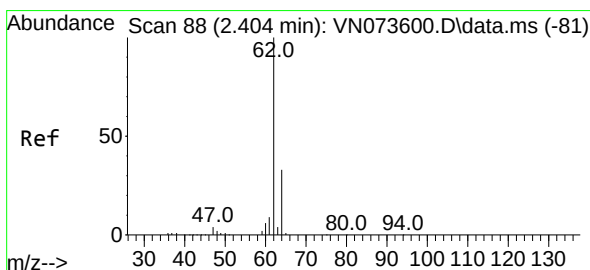
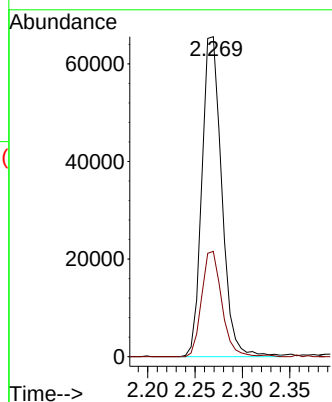


Tgt Ion: 50 Resp: 95612
Ion Ratio Lower Upper
50 100
52 32.9 27.8 41.6

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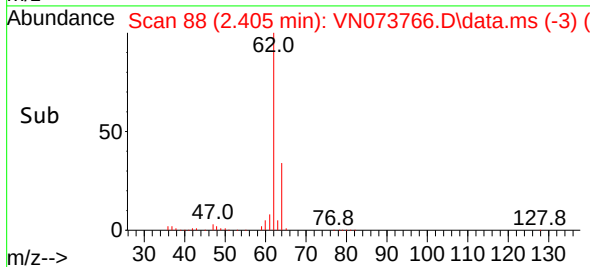
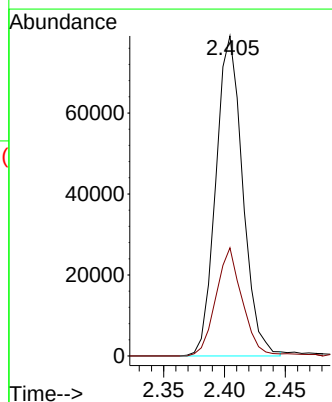
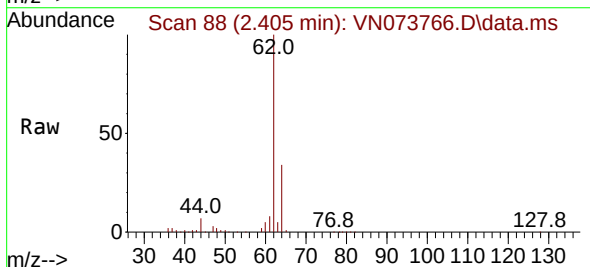
Reviewed By :John
Carlone
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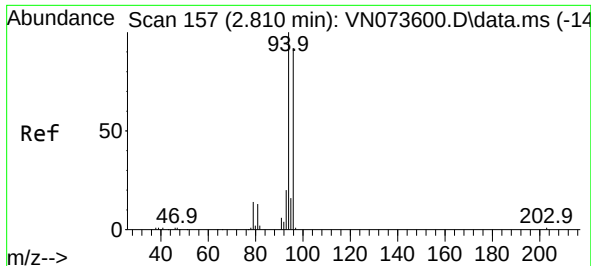
Supervised By :Mahesh
Dadoda
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#4
Vinyl Chloride
Concen: 19.882 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

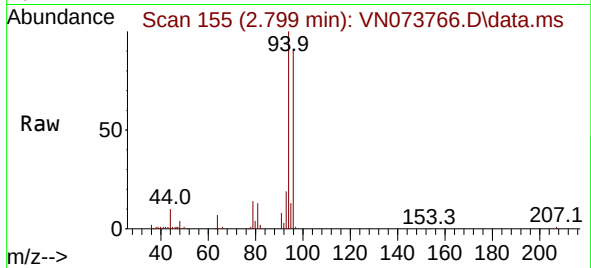
Tgt Ion: 62 Resp: 121350
Ion Ratio Lower Upper
62 100
64 33.8 25.1 37.7





#5
Bromomethane
Concen: 24.114 ug/l
RT: 2.799 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

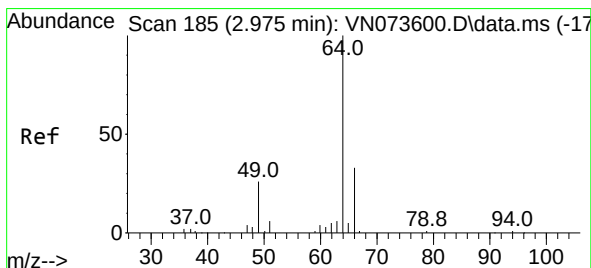
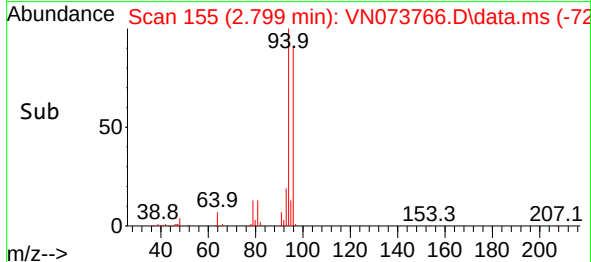
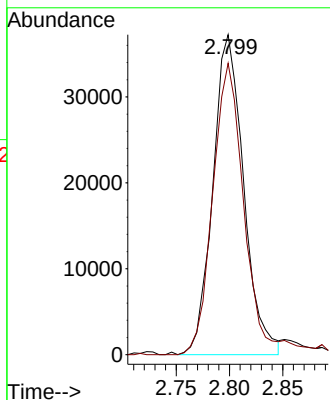


Tgt Ion: 94 Resp: 74770
Ion Ratio Lower Upper
94 100
96 91.0 75.2 112.8

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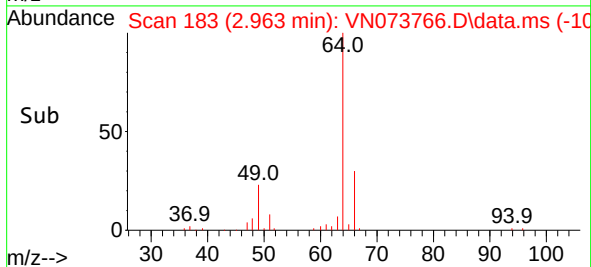
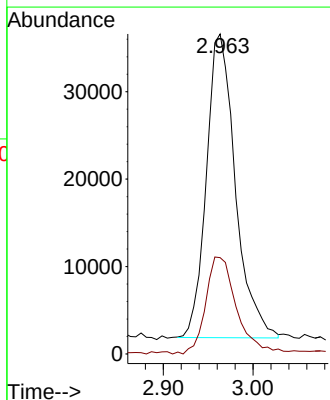
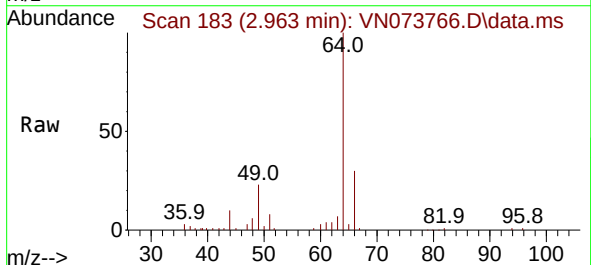
Reviewed By :John
Carlone
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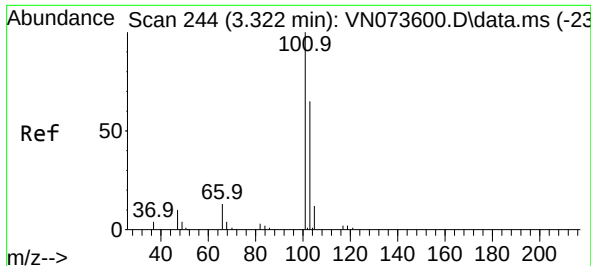
Supervised By :Mahesh
Dadoda
08/09/2022



#6
Chloroethane
Concen: 18.845 ug/l
RT: 2.963 min Scan# 183
Delta R.T. -0.012 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

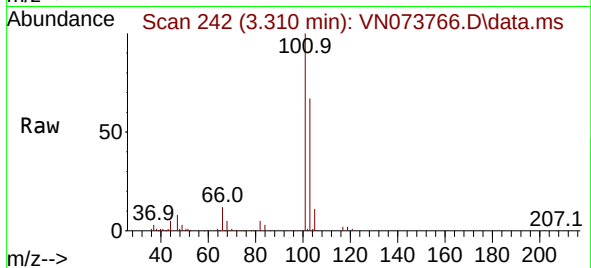
Tgt Ion: 64 Resp: 77927
Ion Ratio Lower Upper
64 100
66 31.2 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 27.071 ug/l
 RT: 3.310 min Scan# 244
 Delta R.T. -0.012 min
 Lab File: VN073766.D
 Acq: 08 Aug 2022 13:08

Instrument :
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 ClientSampleId :
 VSTDCCC020

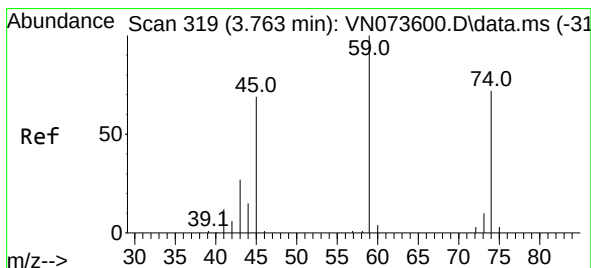
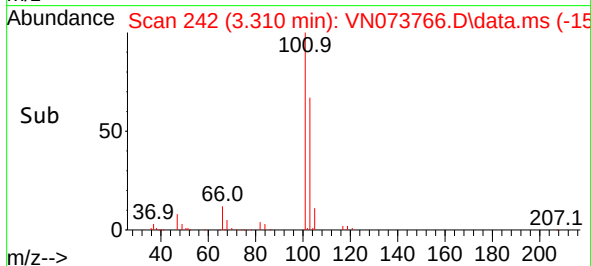
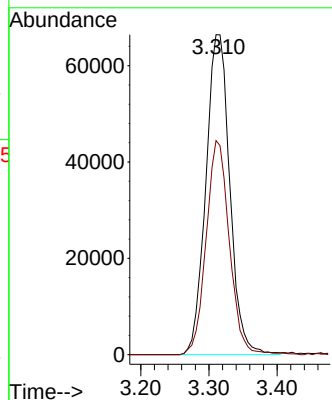


Tgt Ion:101 Resp: 162518
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.1 75.1

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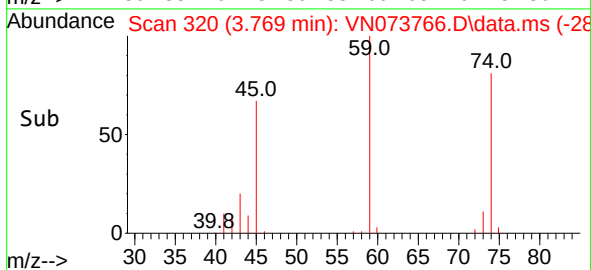
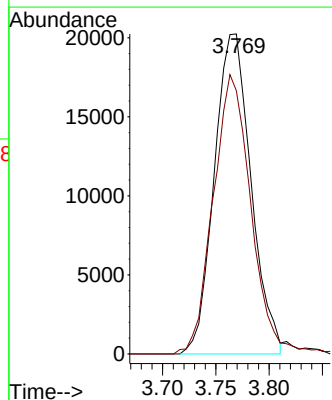
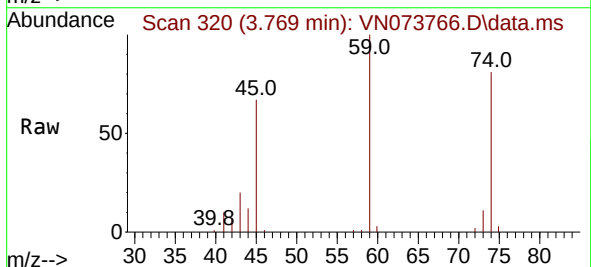
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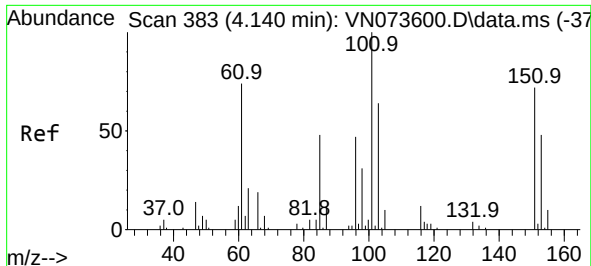
Supervised By :Mahesh
 Dadoda
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#8
 Diethyl Ether
 Concen: 20.109 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.006 min
 Lab File: VN073766.D
 Acq: 08 Aug 2022 13:08

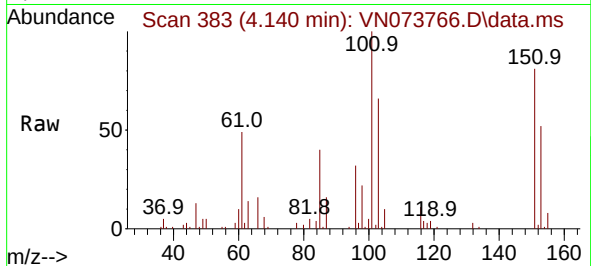
Tgt Ion: 74 Resp: 48577
 Ion Ratio Lower Upper
 74 100
 45 89.8 17.6 158.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.122 ug/l
RT: 4.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
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ClientSampleId :
VSTDCCC020

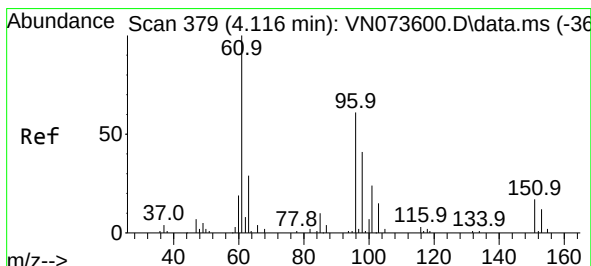
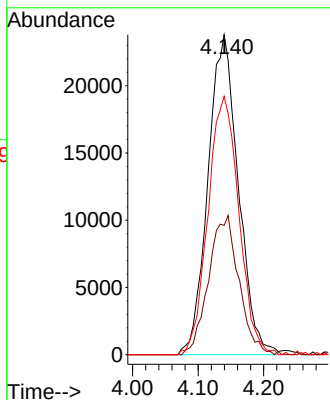
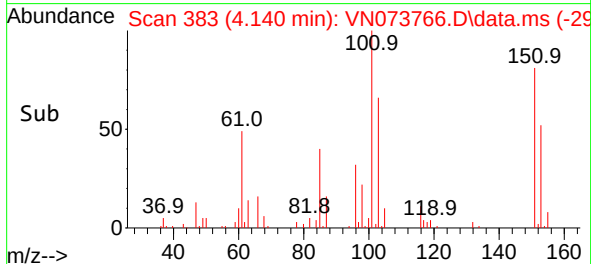


Tgt Ion:101 Resp: 7644
Ion Ratio Lower Upper
101 100
85 43.3 0.0 94.0
151 82.0 0.0 74.6

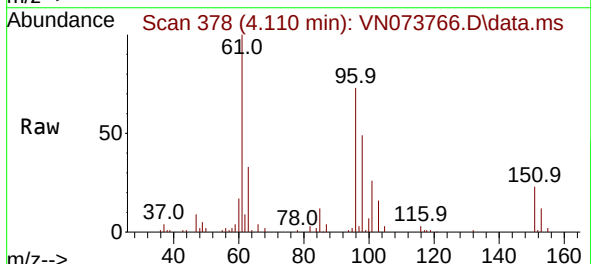
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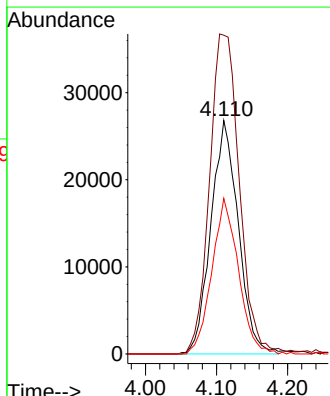
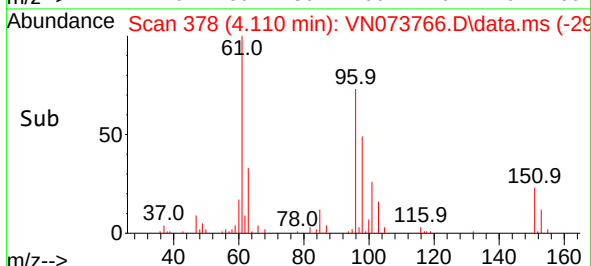
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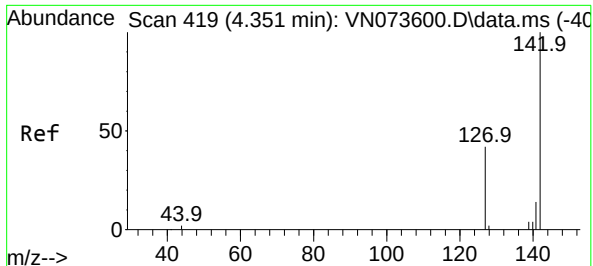


#10
1,1-Dichloroethene
Concen: 20.750 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08



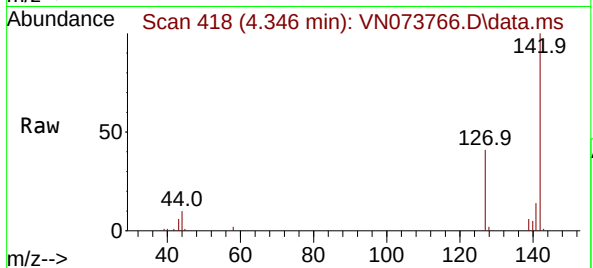
Tgt Ion: 96 Resp: 71885
Ion Ratio Lower Upper
96 100
61 136.5 126.2 189.4
98 66.6 50.9 76.3





#11
Methyl Iodide
Concen: 16.236 ug/l
RT: 4.346 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

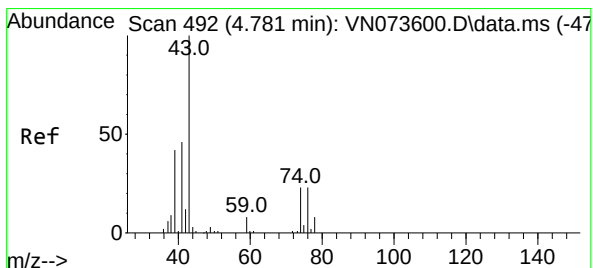
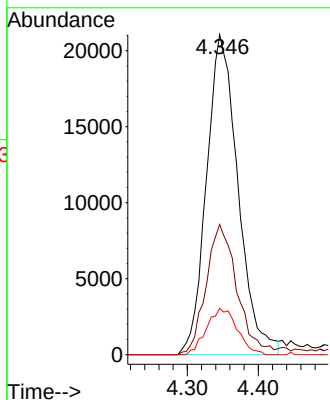
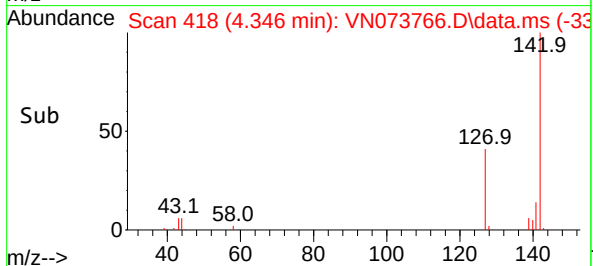


Tgt Ion:142 Resp: 6488
Ion Ratio Lower Upper
142 100
127 40.6 24.0 72.0
141 14.8 8.4 25.2

Manual Integrations
APPROVED

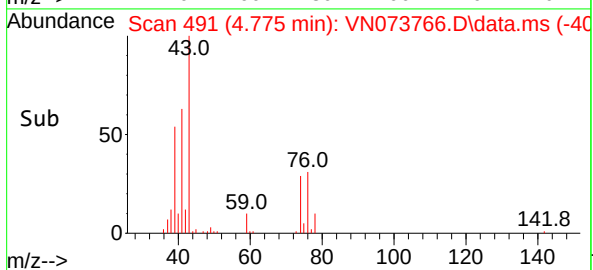
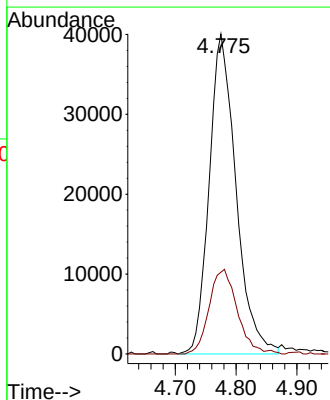
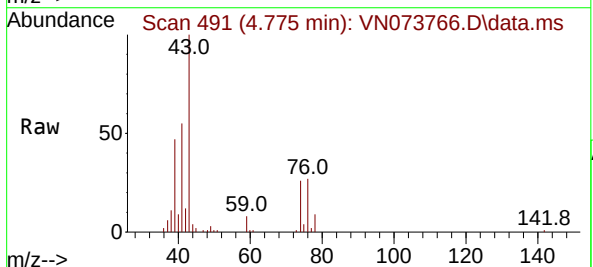
Reviewed By :John
Carlone
08/09/2022

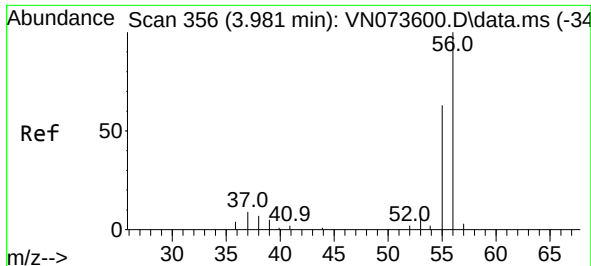
Supervised By :Mahesh
Dadoda
08/09/2022



#12
Methyl Acetate
Concen: 20.812 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

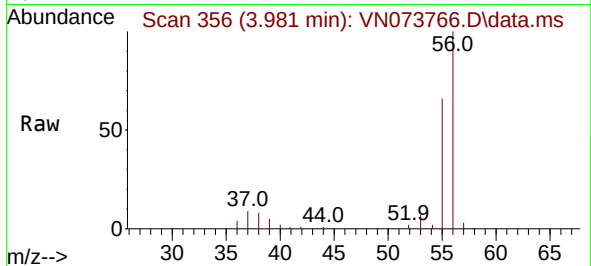
Tgt Ion: 43 Resp: 122539
Ion Ratio Lower Upper
43 100
74 25.6 20.8 31.2





#13
Acrolein
Concen: 134.049 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

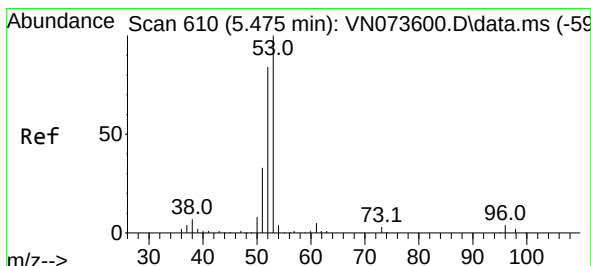
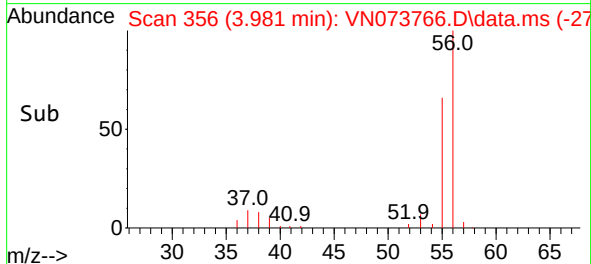
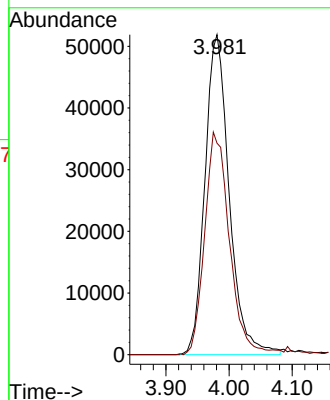


Tgt Ion: 56 Resp: 138745
Ion Ratio Lower Upper
56 100
55 70.4 57.6 86.4

Manual Integrations
APPROVED

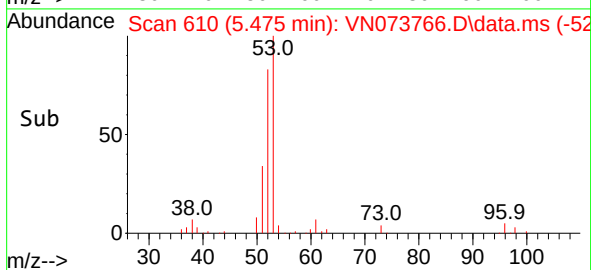
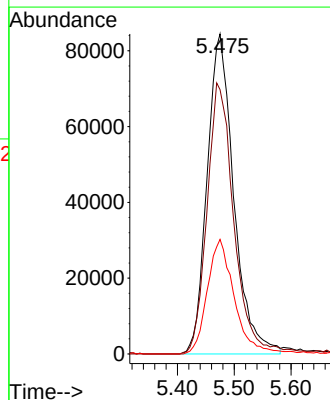
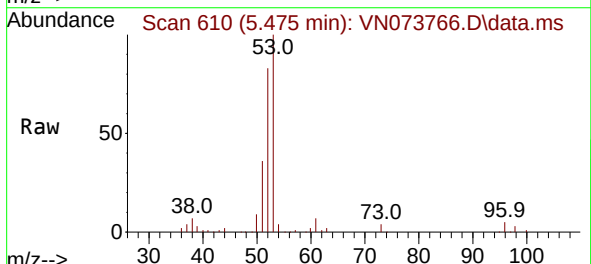
Reviewed By :John
Carlone
08/09/2022

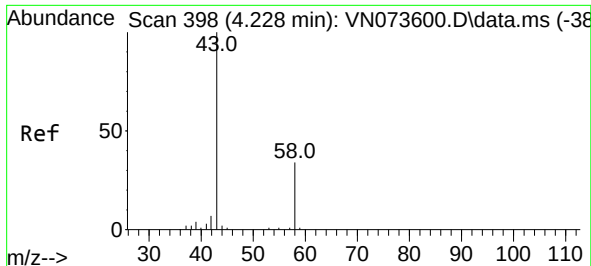
Supervised By :Mahesh
Dadoda
08/09/2022



#14
Acrylonitrile
Concen: 101.236 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

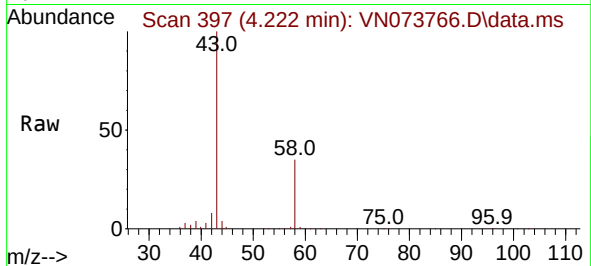
Tgt Ion: 53 Resp: 275094
Ion Ratio Lower Upper
53 100
52 83.7 41.8 125.4
51 36.1 19.0 57.0





#15
Acetone
Concen: 106.107 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

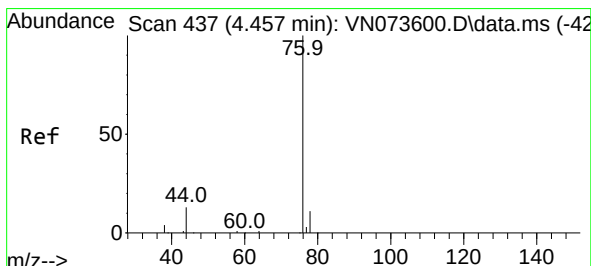
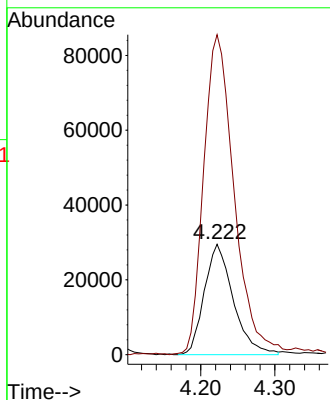
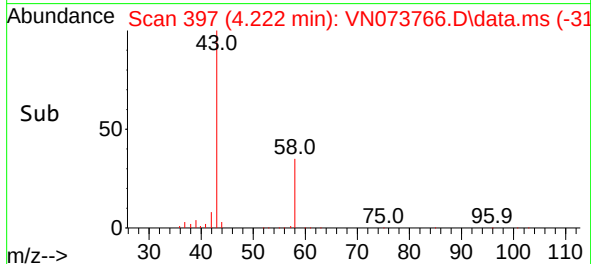


Tgt Ion: 58 Resp: 8015
Ion Ratio Lower Upper
58 100
43 288.6 256.6 384.8

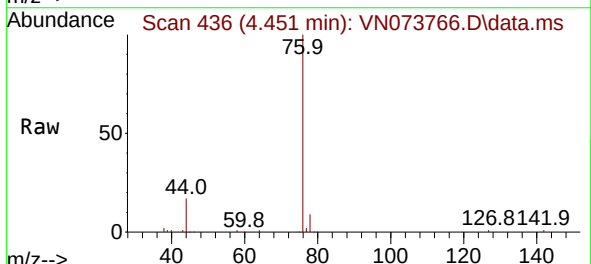
Manual Integrations
APPROVED

Reviewed By :John
Carlone
08/09/2022

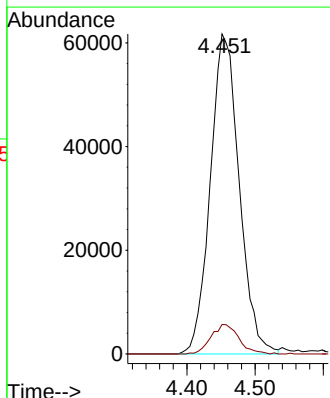
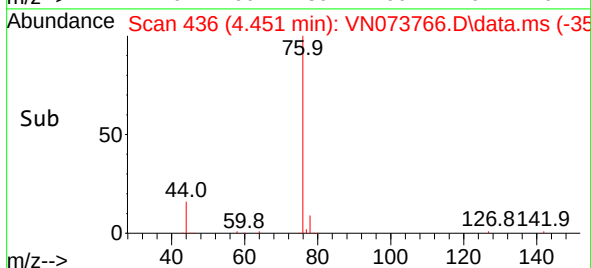
Supervised By :Mahesh
Dadoda
08/09/2022

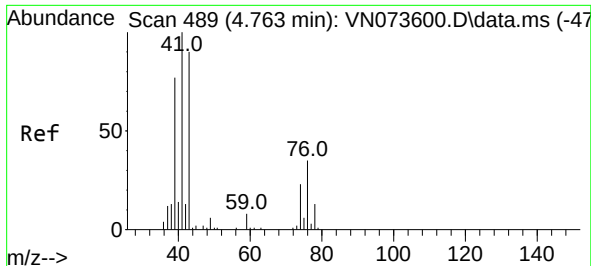


#16
Carbon Disulfide
Concen: 19.222 ug/l
RT: 4.451 min Scan# 436
Delta R.T. -0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08



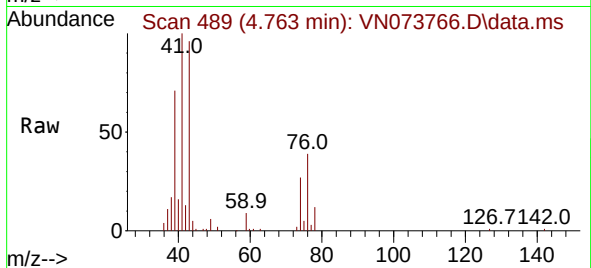
Tgt Ion: 76 Resp: 181976
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8





#17
 Allyl chloride
 Concen: 19.921 ug/l
 RT: 4.763 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VN073766.D
 Acq: 08 Aug 2022 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

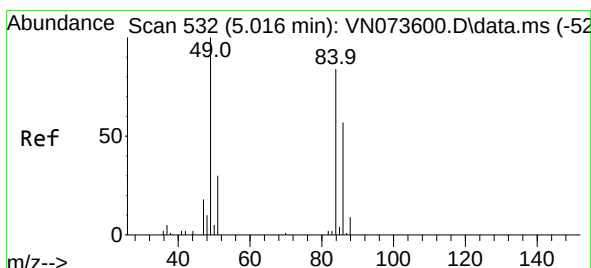
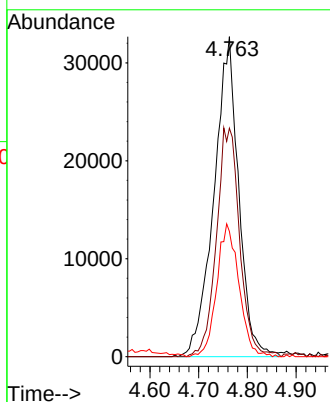
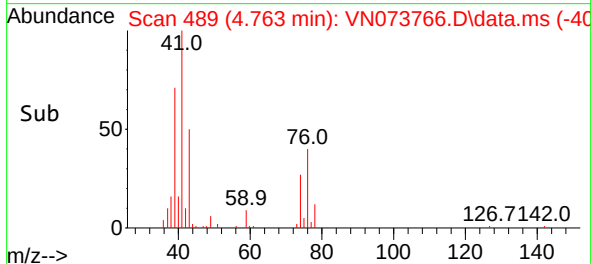


Tgt Ion: 41 Resp: 115118
 Ion Ratio Lower Upper
 41 100
 39 70.6 44.6 134.0
 76 39.1 19.6 58.7

Manual Integrations
 APPROVED

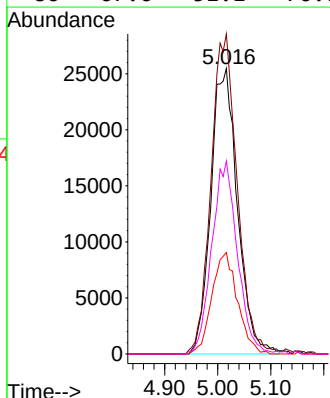
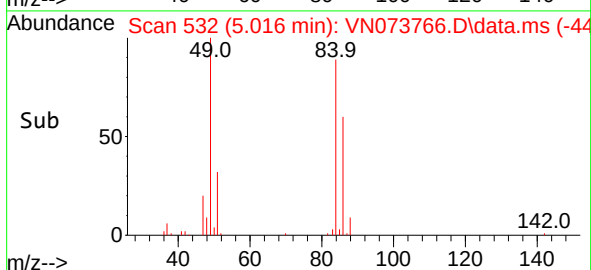
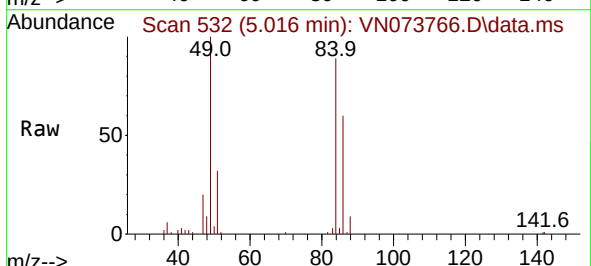
Reviewed By :John
 Carlone
 08/09/2022

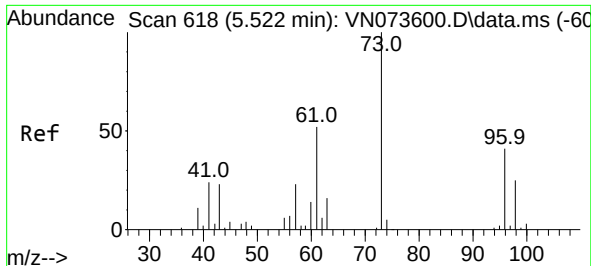
Supervised By :Mahesh
 Dadoda
 08/09/2022



#18
 Methylene Chloride
 Concen: 20.201 ug/l m
 RT: 5.016 min Scan# 532
 Delta R.T. 0.000 min
 Lab File: VN073766.D
 Acq: 08 Aug 2022 13:08

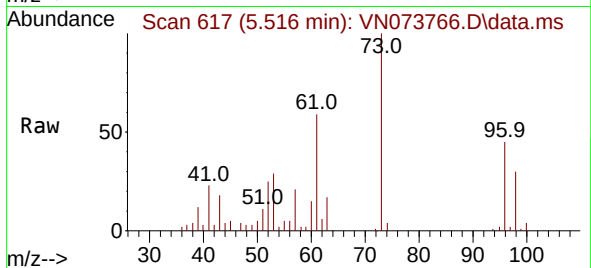
Tgt Ion: 84 Resp: 88678
 Ion Ratio Lower Upper
 84 100
 49 112.1 91.4 137.0
 51 35.5 29.4 44.0
 86 67.6 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 20.090 ug/l
RT: 5.516 min Scan# 618
Delta R.T. -0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

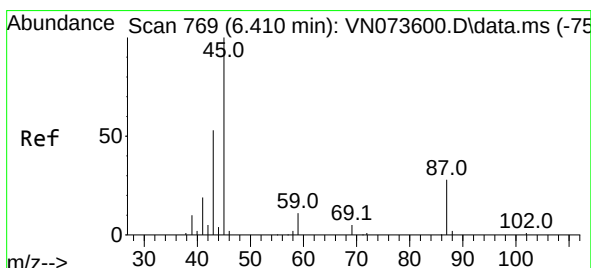
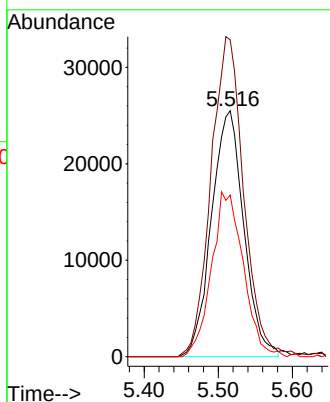
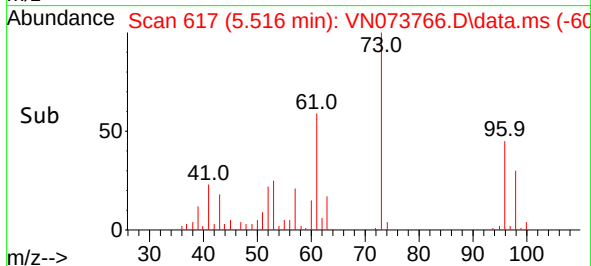


Tgt Ion: 96 Resp: 7716
Ion Ratio Lower Upper
96 100
61 128.9 102.8 154.2
98 65.7 49.3 73.9

Manual Integrations
APPROVED

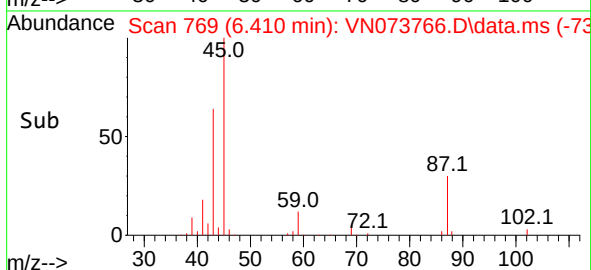
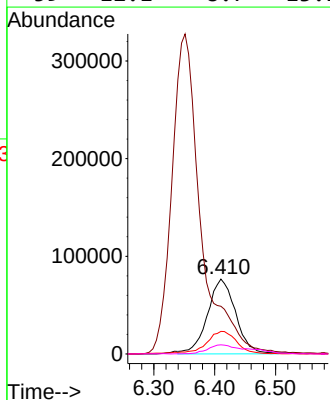
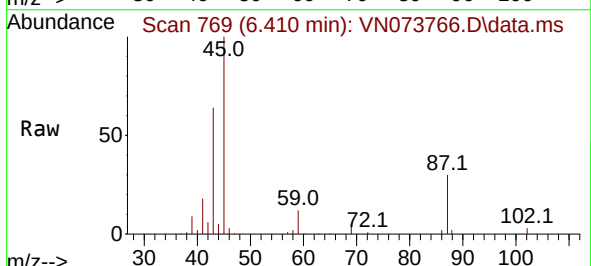
Reviewed By :John
Carlone
08/09/2022

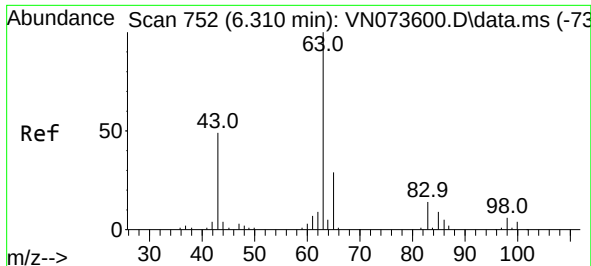
Supervised By :Mahesh
Dadoda
08/09/2022



#20
Diisopropyl ether
Concen: 19.516 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Tgt Ion: 45 Resp: 245322
Ion Ratio Lower Upper
45 100
43 61.4 51.0 76.4
87 30.1 25.0 37.4
59 12.1 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.996 ug/l

RT: 6.304 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN073766.D

Acq: 08 Aug 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 14833

Ion Ratio Lower Upper

63 100

98 7.1 3.2 9.6

100 4.9 2.1 6.2

Manual Integrations

APPROVED

Reviewed By :John

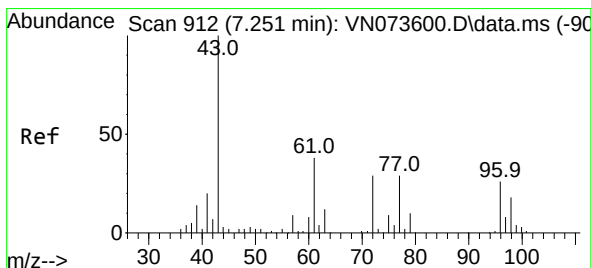
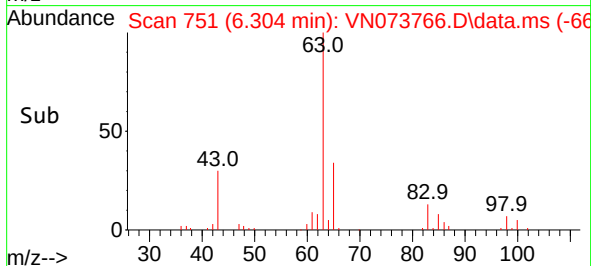
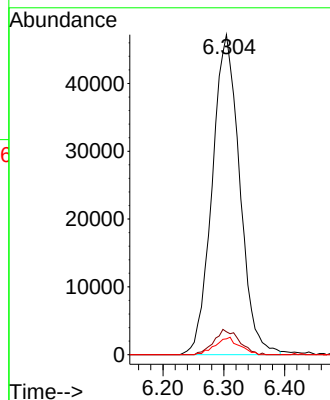
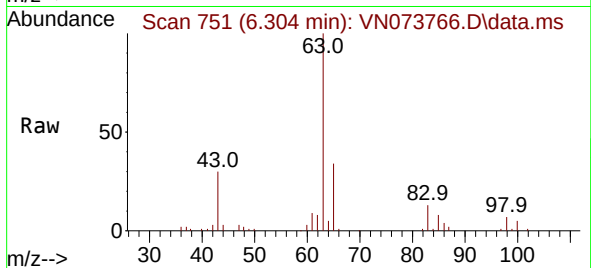
Carlone

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Supervised By :Mahesh

Dadoda

08/09/2022



#22

cis-1,2-Dichloroethene

Concen: 20.643 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN073766.D

Acq: 08 Aug 2022 13:08

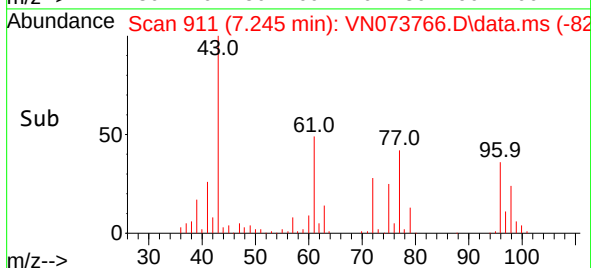
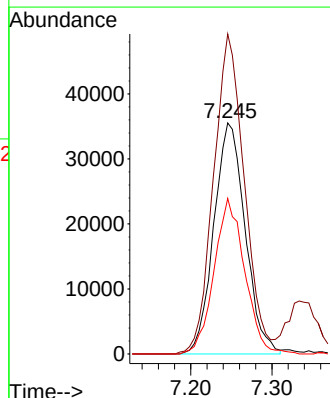
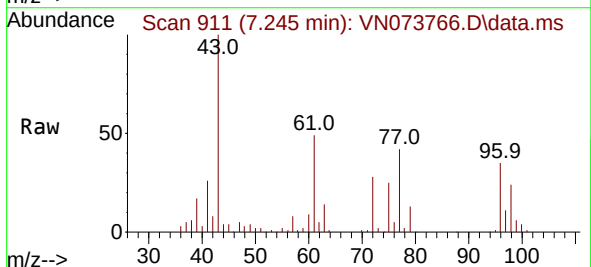
Tgt Ion: 96 Resp: 95387

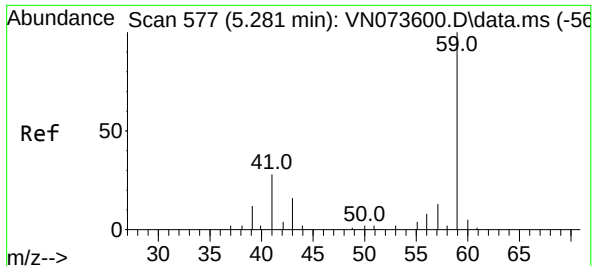
Ion Ratio Lower Upper

96 100

61 135.2 115.7 173.5

98 65.7 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 103.255 ug/l

RT: 5.287 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN073766.D

Acq: 08 Aug 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 59 Resp: 99158

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John

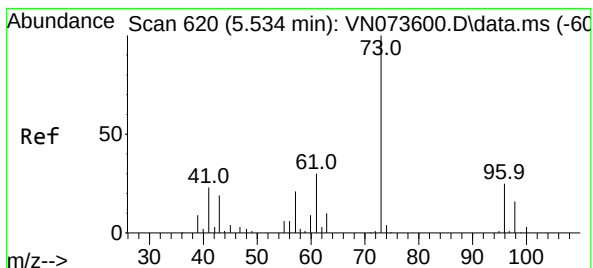
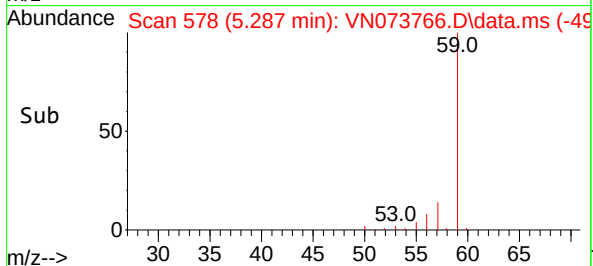
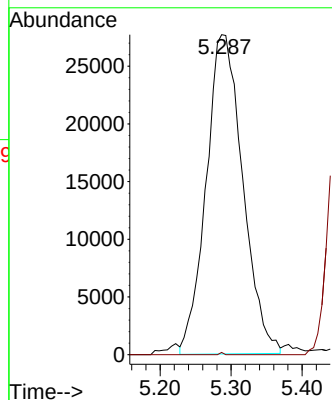
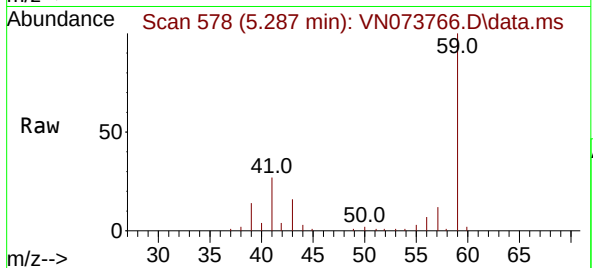
Carlone

08/09/2022

Supervised By :Mahesh

Dadoda

08/09/2022



#24

Methyl tert-Butyl Ether

Concen: 21.073 ug/l

RT: 5.534 min Scan# 620

Delta R.T. 0.000 min

Lab File: VN073766.D

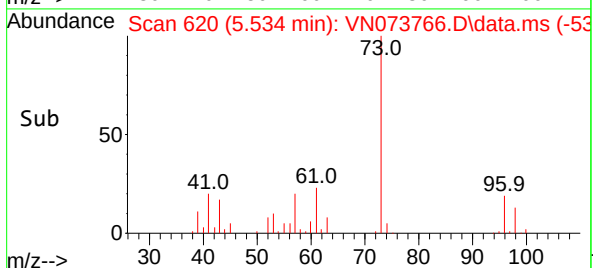
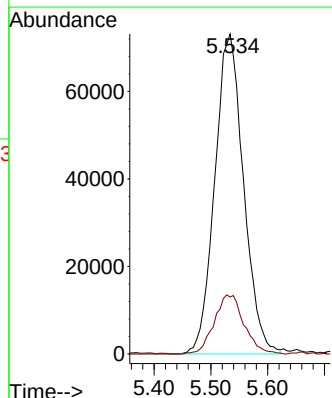
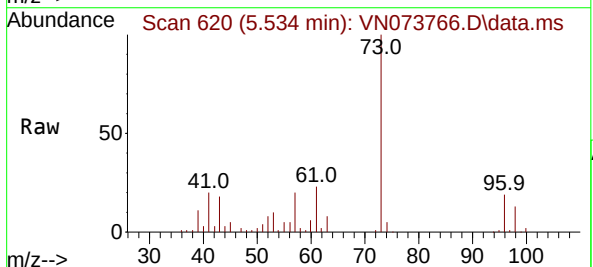
Acq: 08 Aug 2022 13:08

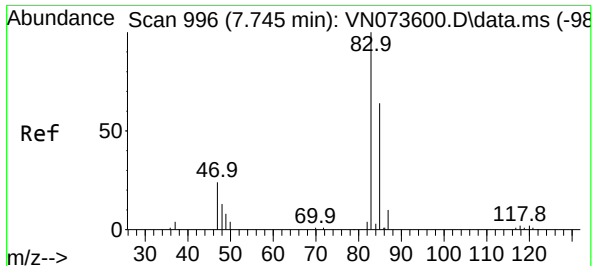
Tgt Ion: 73 Resp: 257278

Ion Ratio Lower Upper

73 100

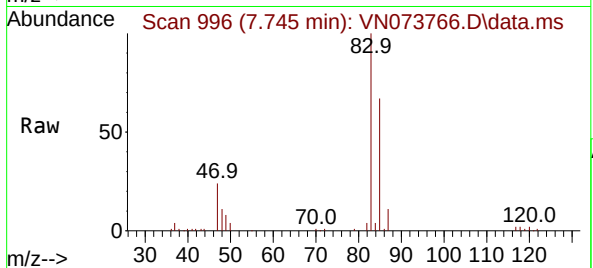
43 19.1 18.1 27.1





#25
Chloroform
Concen: 20.469 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

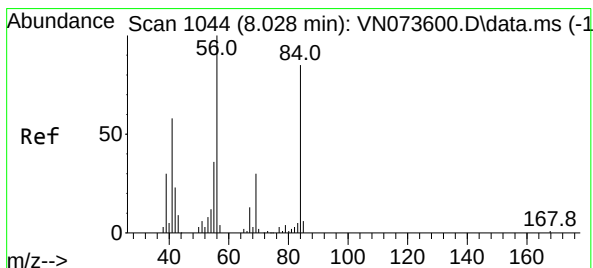
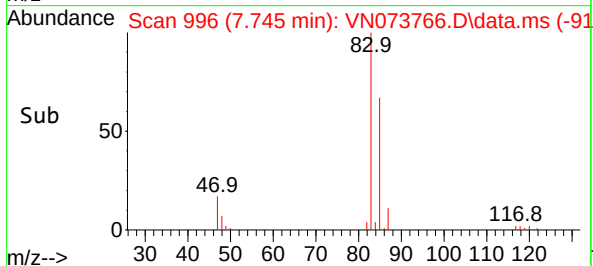
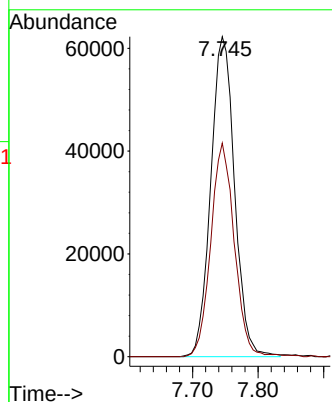


Tgt Ion: 83 Resp: 15672
Ion Ratio Lower Upper
83 100
85 66.7 51.3 76.9

Manual Integrations
APPROVED

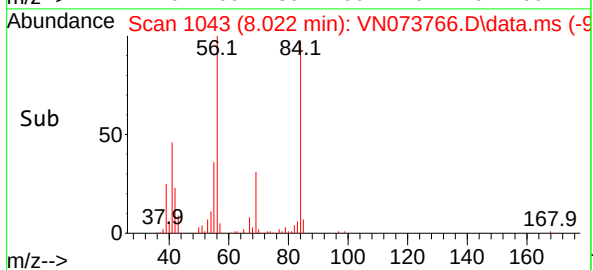
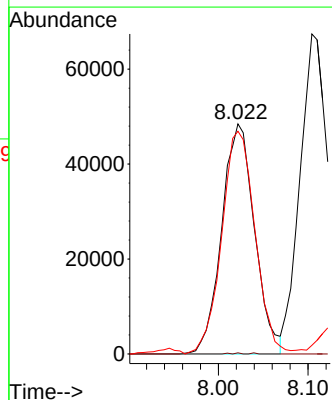
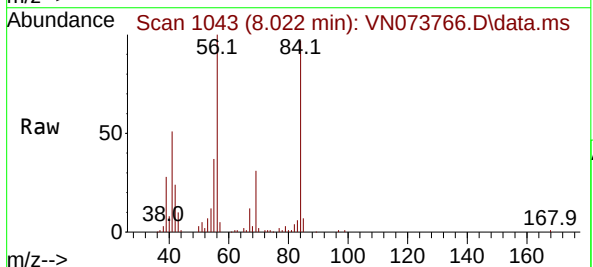
Reviewed By :John
Carlone
08/09/2022

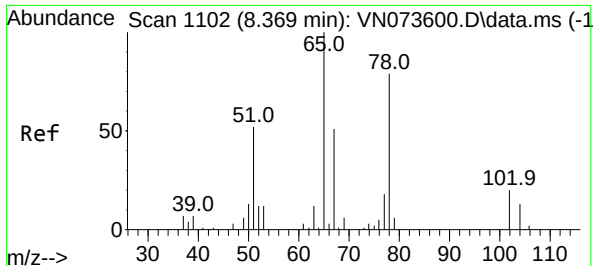
Supervised By :Mahesh
Dadoda
08/09/2022



#26
Cyclohexane
Concen: 19.292 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Tgt Ion: 56 Resp: 123438
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 98.0 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 29.817 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073766.D

Acq: 08 Aug 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 142658

Ion Ratio Lower Upper

65 100

67 52.3 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John

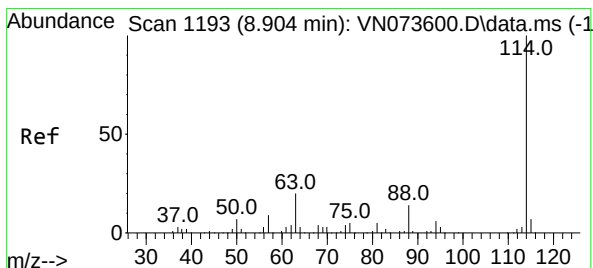
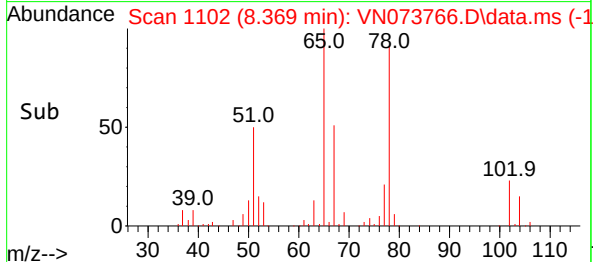
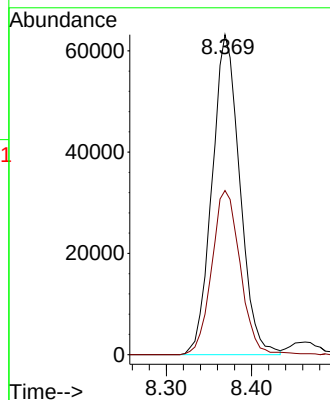
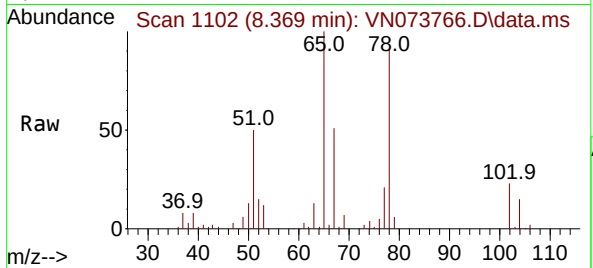
Carlone

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Supervised By :Mahesh

Dadoda

08/09/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073766.D

Acq: 08 Aug 2022 13:08

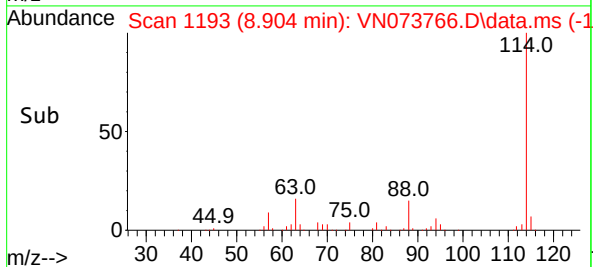
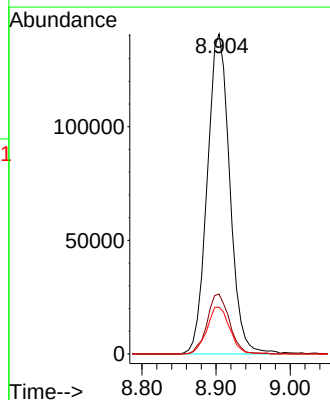
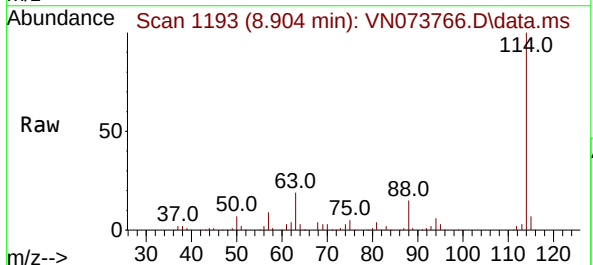
Tgt Ion:114 Resp: 297188

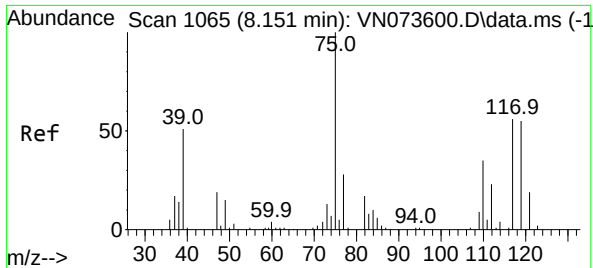
Ion Ratio Lower Upper

114 100

63 18.6 15.8 23.6

88 14.8 11.6 17.4





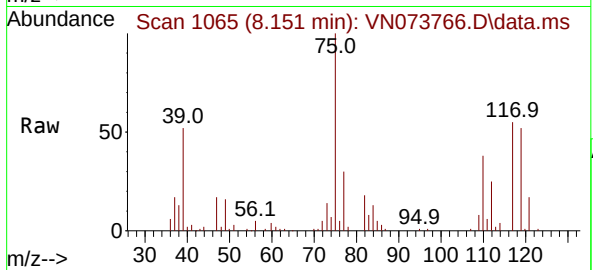
#29
1,1-Dichloropropene
Concen: 19.482 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 75 Resp: 108180
Ion Ratio Lower Upper
75 100
110 37.1 0.0 74.2
77 31.2 0.0 63.2

Manual Integrations
APPROVED

Reviewed By :John

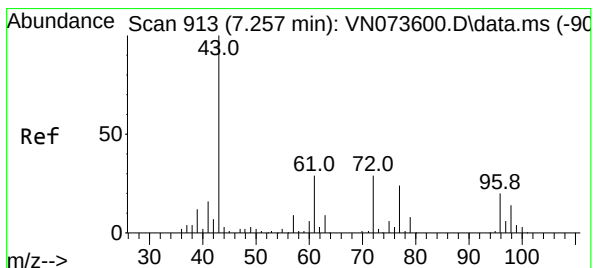
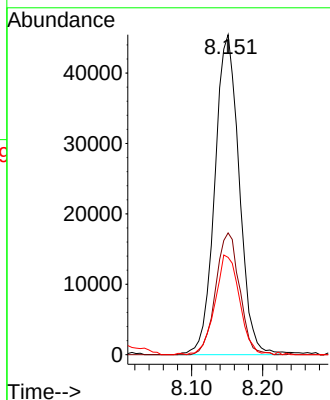
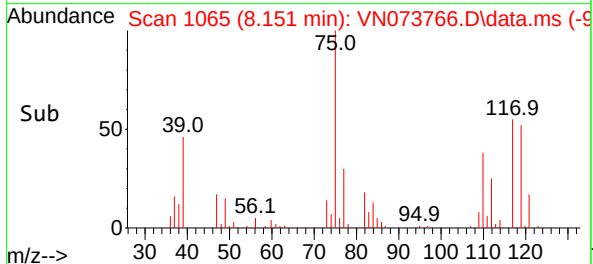
Carlone

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Supervised By :Mahesh

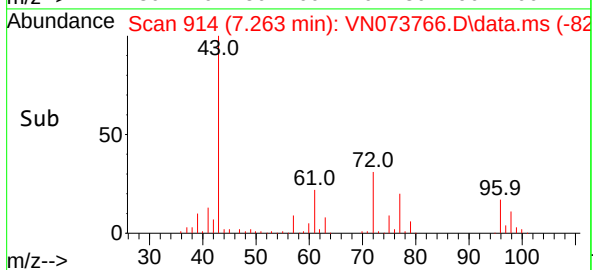
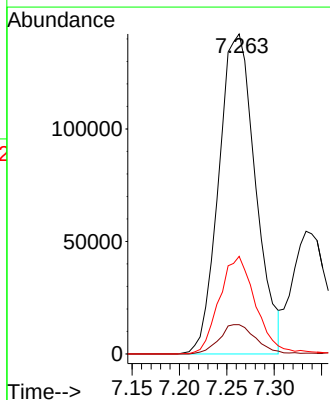
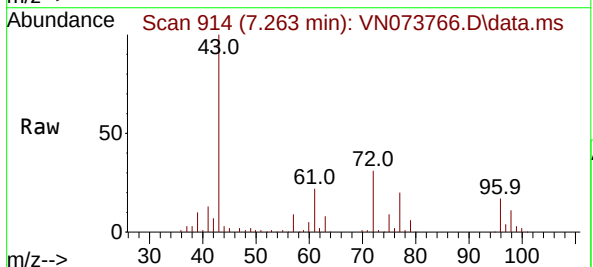
Dadoda

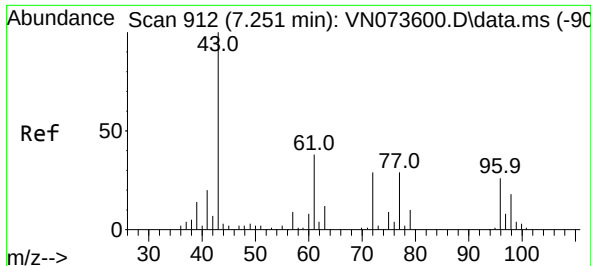
08/09/2022



#30
2-Butanone
Concen: 100.190 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

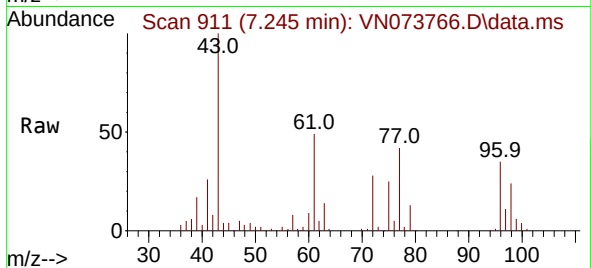
Tgt Ion: 43 Resp: 384597
Ion Ratio Lower Upper
43 100
57 9.0 6.7 10.1
72 29.8 23.2 34.8





#31
2,2-Dichloropropane
Concen: 20.886 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

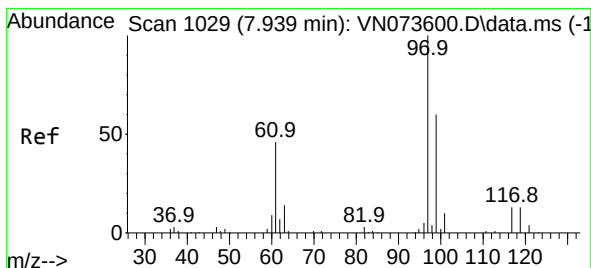
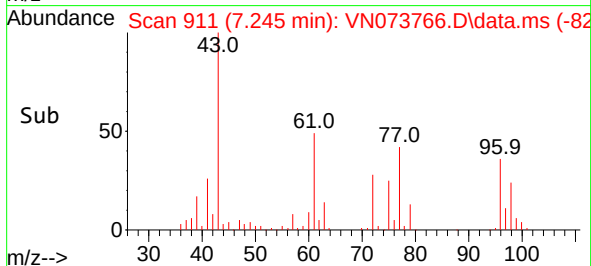
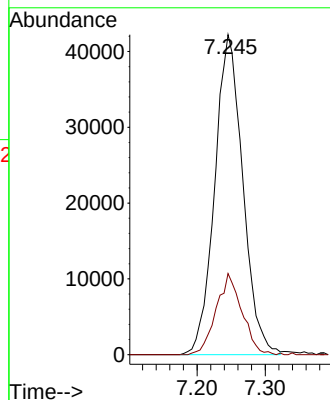


Tgt Ion: 77 Resp: 12102
Ion Ratio Lower Upper
77 100
97 23.2 18.3 27.5

Manual Integrations
APPROVED

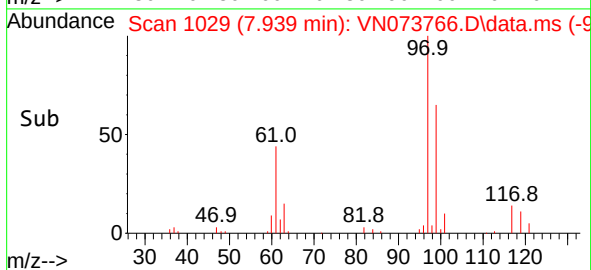
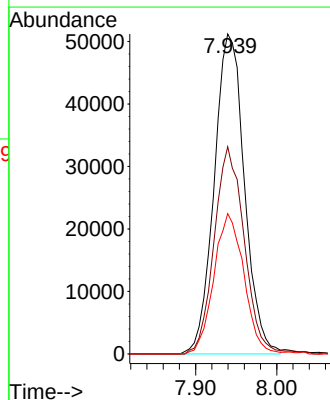
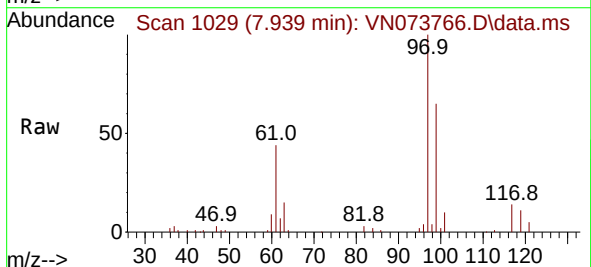
Reviewed By :John
Carlone
08/09/2022

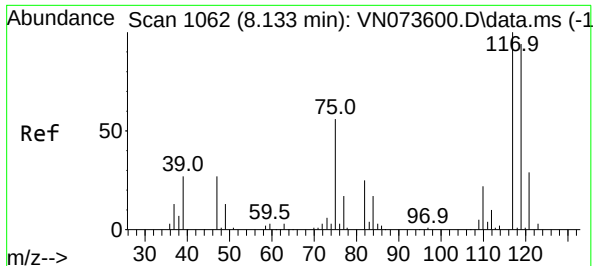
Supervised By :Mahesh
Dadoda
08/09/2022



#32
1,1,1-Trichloroethane
Concen: 20.628 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

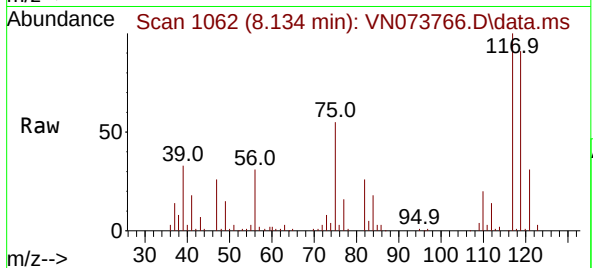
Tgt Ion: 97 Resp: 132580
Ion Ratio Lower Upper
97 100
99 64.1 50.4 75.6
61 43.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.491 ug/l
RT: 8.134 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

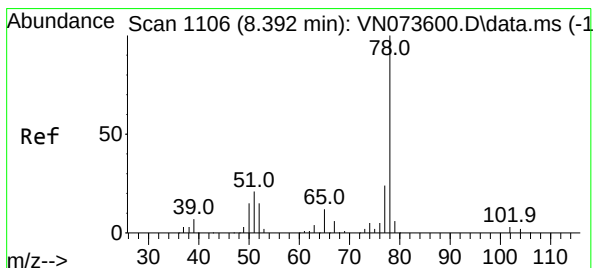
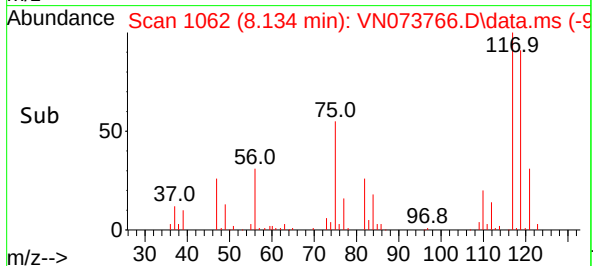
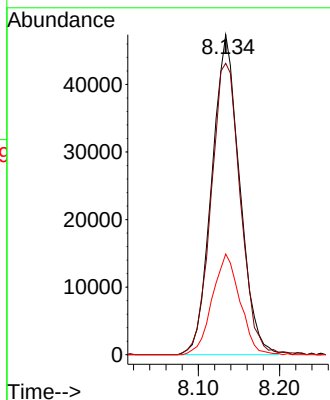


Tgt Ion:117 Resp: 11293
Ion Ratio Lower Upper
117 100
119 91.0 77.5 116.3
121 31.4 23.5 35.3

Manual Integrations
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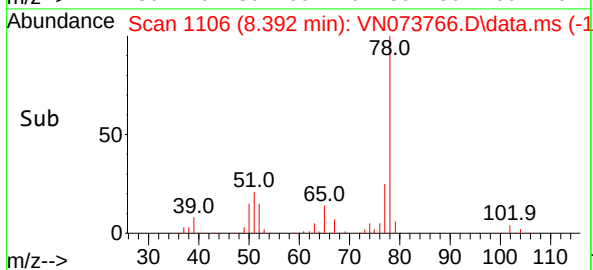
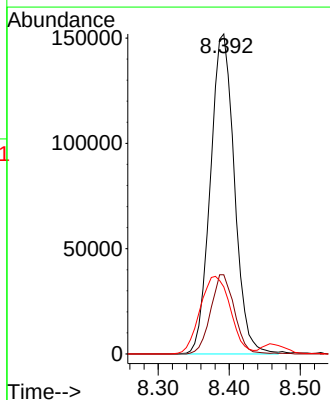
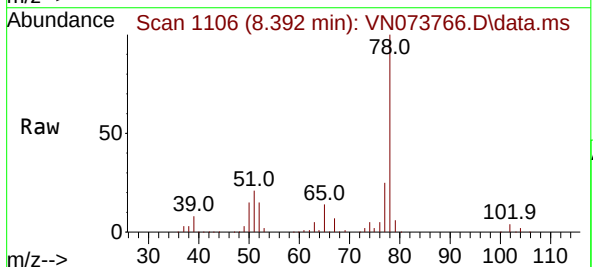
Reviewed By :John
Carlone
08/09/2022

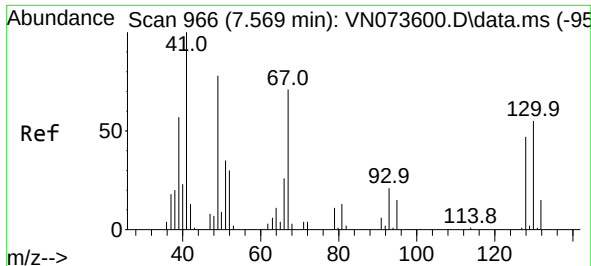
Supervised By :Mahesh
Dadoda
08/09/2022



#34
Benzene
Concen: 19.850 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Tgt Ion: 78 Resp: 356683
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7
51 20.7 16.0 24.0





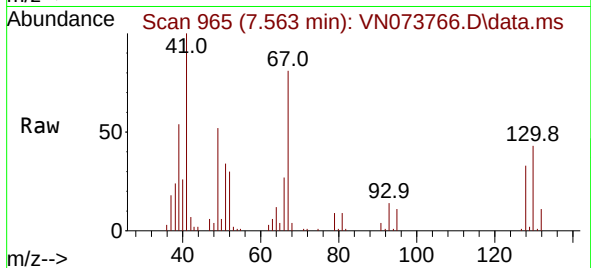
#35
Methacrylonitrile
Concen: 18.426 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 41 Resp: 57410
Ion Ratio Lower Upper
41 100
39 54.2 28.0 83.9
67 80.9 37.7 113.1
52 28.9 17.1 51.2

Manual Integrations
APPROVED

Reviewed By :John

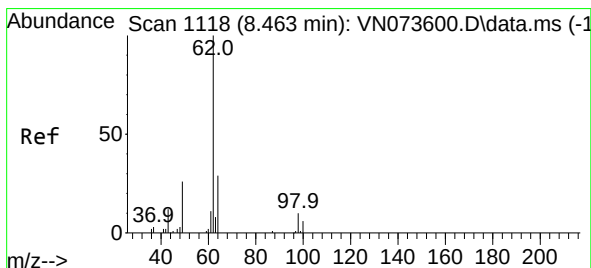
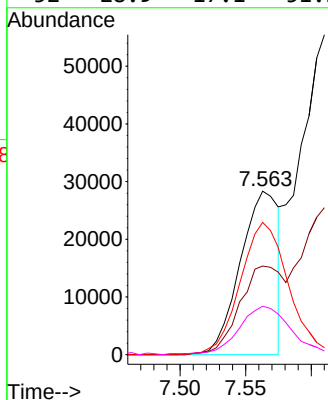
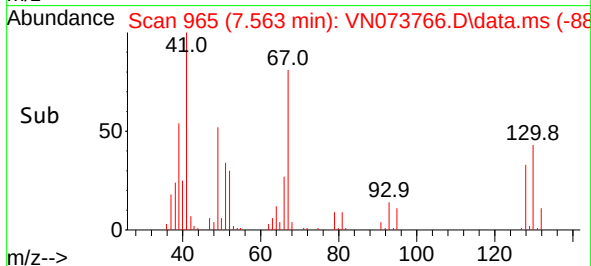
Carlone

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Supervised By :Mahesh

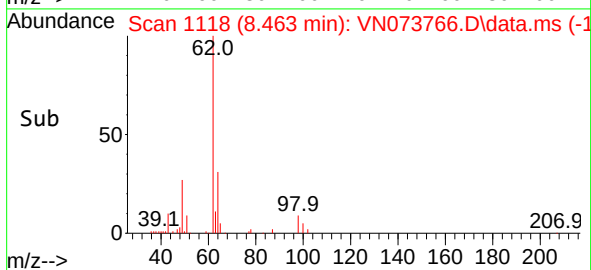
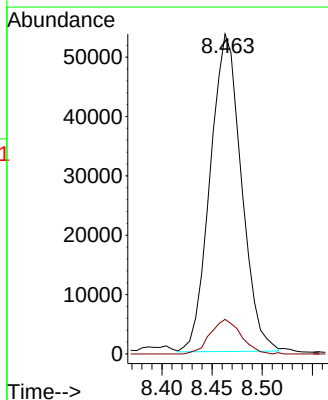
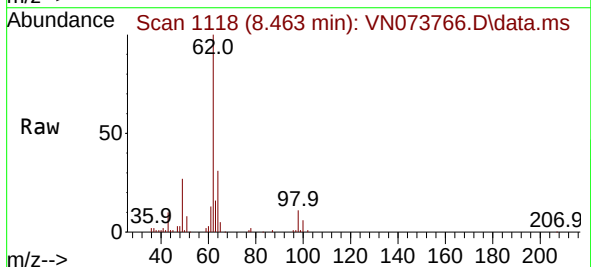
Dadoda

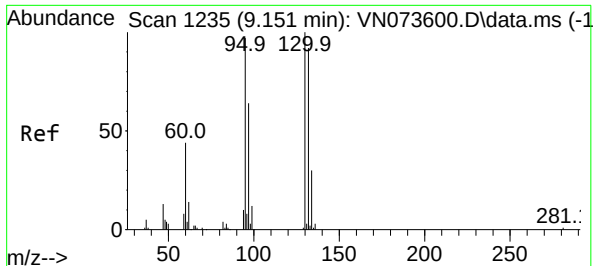
08/09/2022



#36
1,2-Dichloroethane
Concen: 19.553 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Tgt Ion: 62 Resp: 115857
Ion Ratio Lower Upper
62 100
98 10.7 6.6 10.0#





#37

Trichloroethene

Concen: 19.925 ug/l

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073766.D

Acq: 08 Aug 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 88084

Ion Ratio Lower Upper

130 100

95 94.3 76.6 115.0

Manual Integrations

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Reviewed By :John

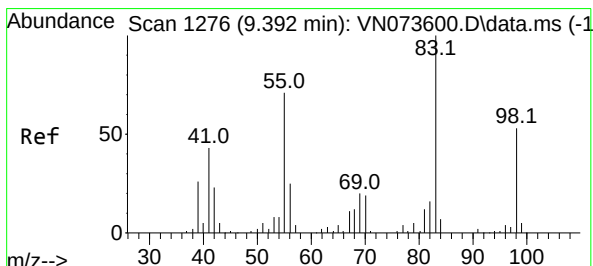
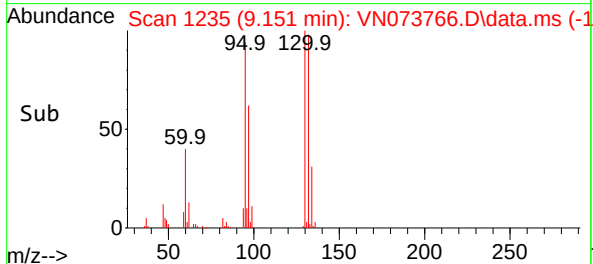
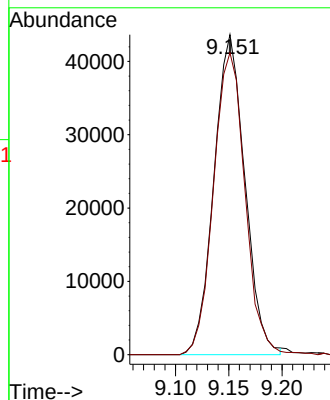
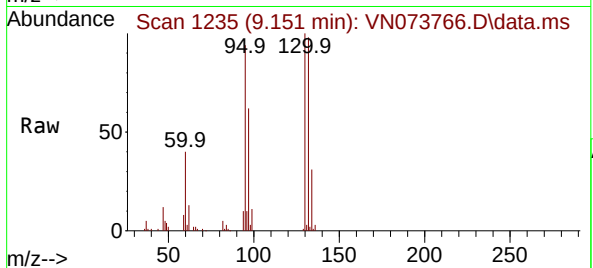
Carlone

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Supervised By :Mahesh

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08/09/2022



#38

Methylcyclohexane

Concen: 19.453 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN073766.D

Acq: 08 Aug 2022 13:08

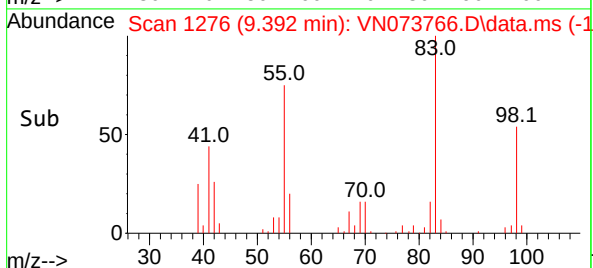
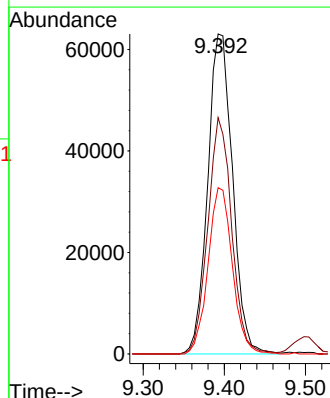
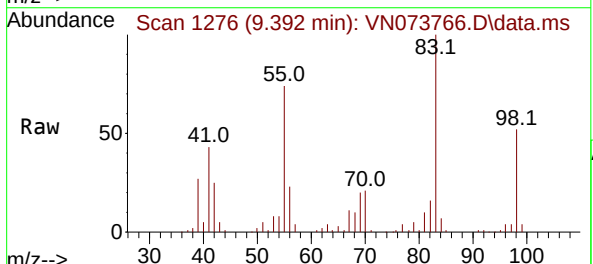
Tgt Ion: 83 Resp: 134092

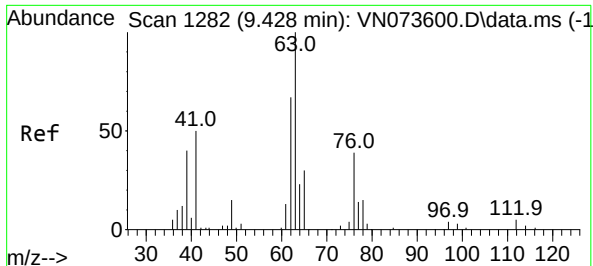
Ion Ratio Lower Upper

83 100

55 71.1 35.1 105.3

98 50.8 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.341 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073766.D

Acq: 08 Aug 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 87670

Ion Ratio Lower Upper

63 100

65 32.4 24.2 36.4

Manual Integrations

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Reviewed By :John

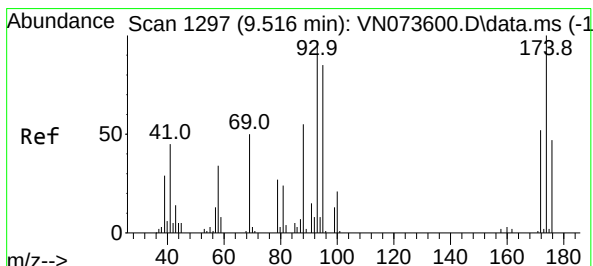
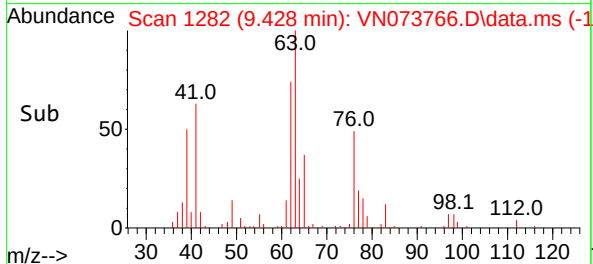
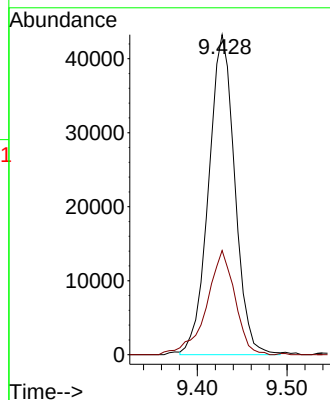
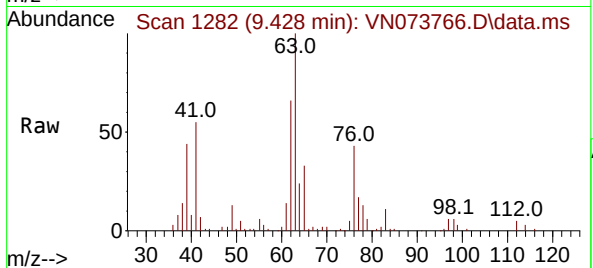
Carlone

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Supervised By :Mahesh

Dadoda

08/09/2022



#40

Dibromomethane

Concen: 20.270 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN073766.D

Acq: 08 Aug 2022 13:08

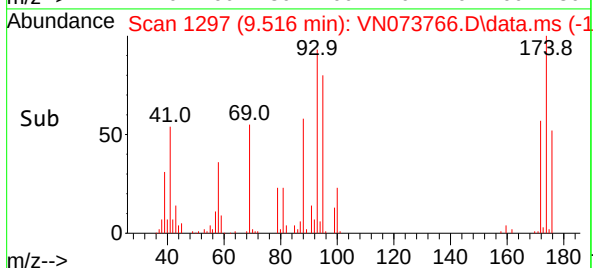
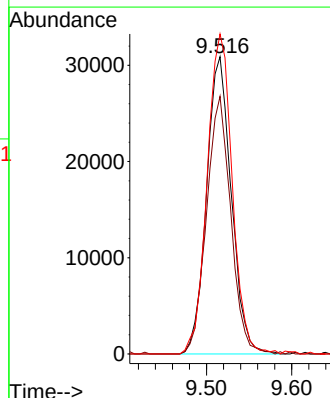
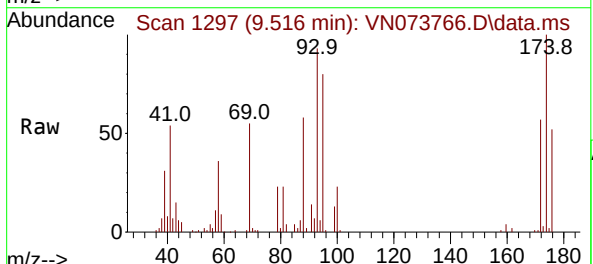
Tgt Ion: 93 Resp: 62354

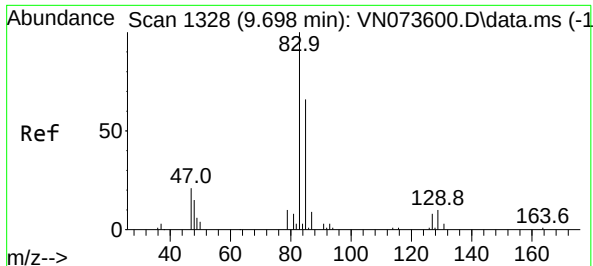
Ion Ratio Lower Upper

93 100

95 84.9 0.0 168.8

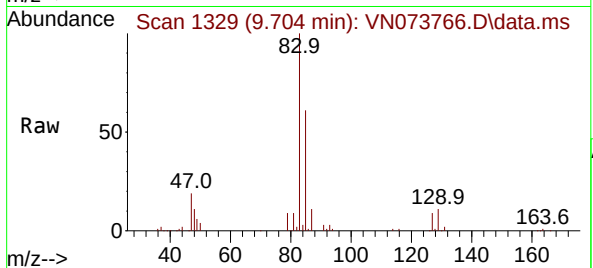
174 109.0 0.0 173.6





#41
Bromodichloromethane
Concen: 20.113 ug/l
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

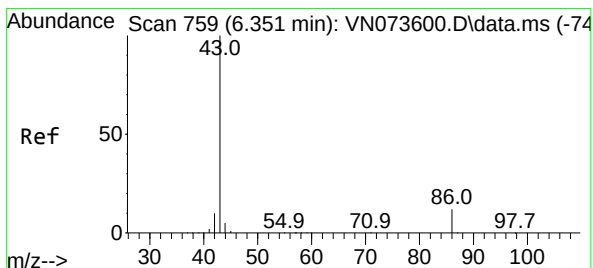
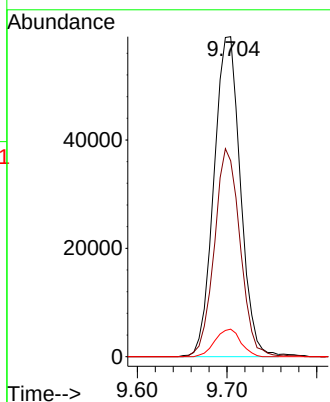
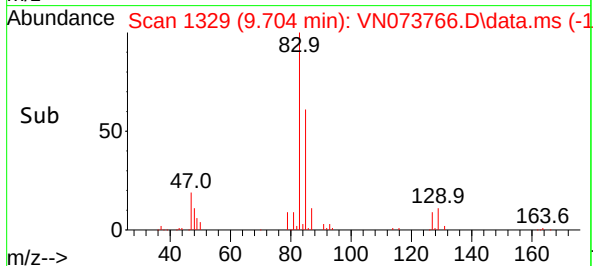


Tgt Ion: 83 Resp: 12111
Ion Ratio Lower Upper
83 100
85 61.2 54.1 81.1
127 8.6 7.6 11.4

Manual Integrations
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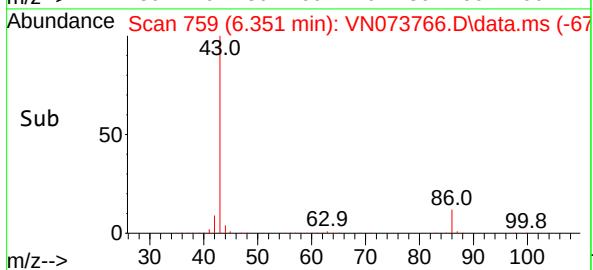
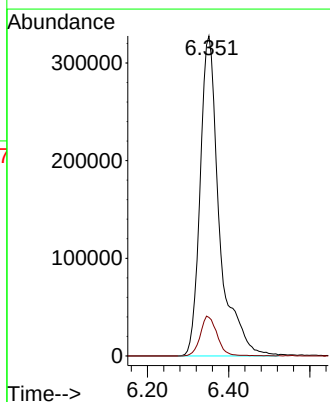
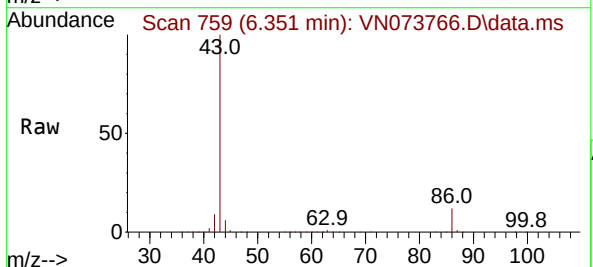
Reviewed By :John
Carlone
08/09/2022

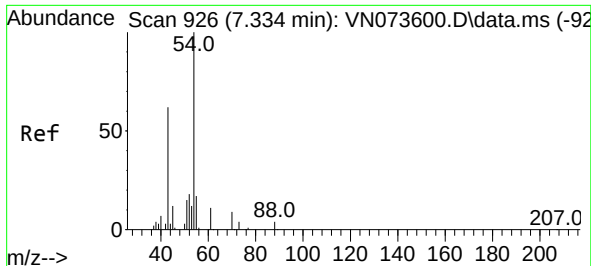
Supervised By :Mahesh
Dadoda
08/09/2022



#42
Vinyl Acetate
Concen: 97.577 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

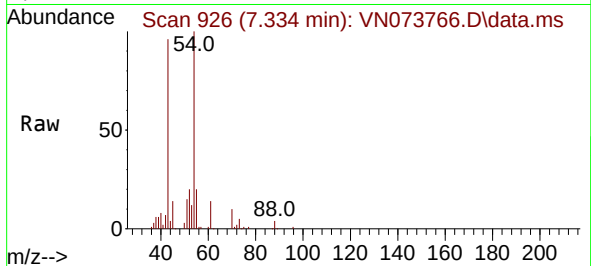
Tgt Ion: 43 Resp: 1079329
Ion Ratio Lower Upper
43 100
86 10.8 7.5 11.3





#43
Ethyl Acetate
Concen: 17.906 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

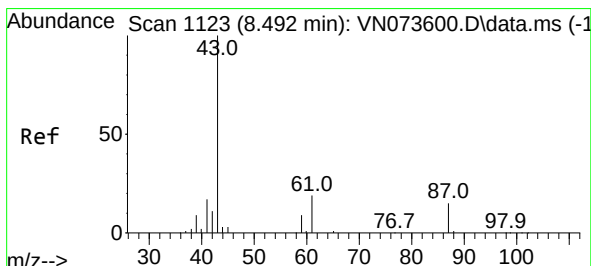
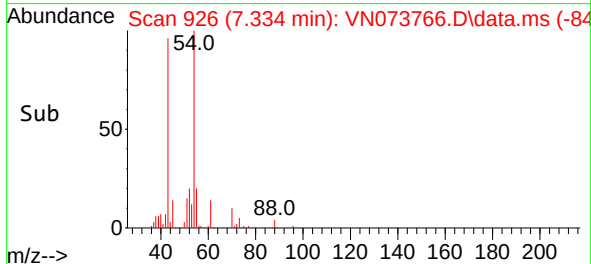
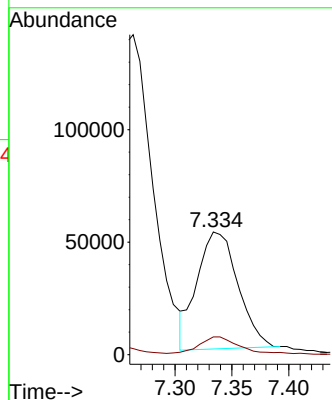


Tgt Ion: 43 Resp: 130490
Ion Ratio Lower Upper
43 100
45 15.2 10.6 16.0

Manual Integrations
APPROVED

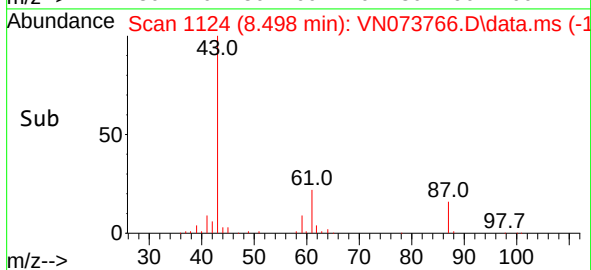
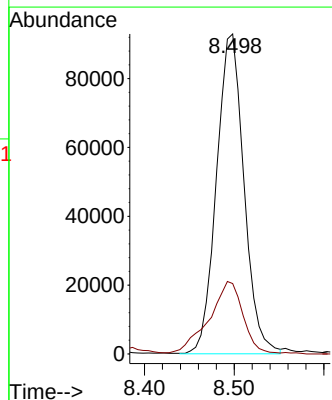
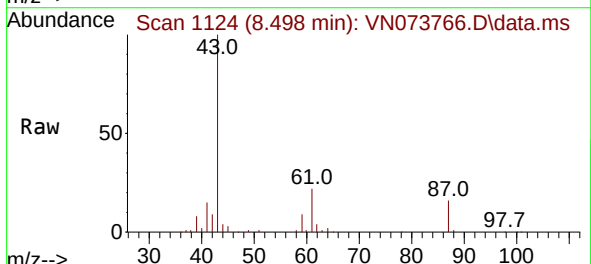
Reviewed By :John
Carlone
08/09/2022

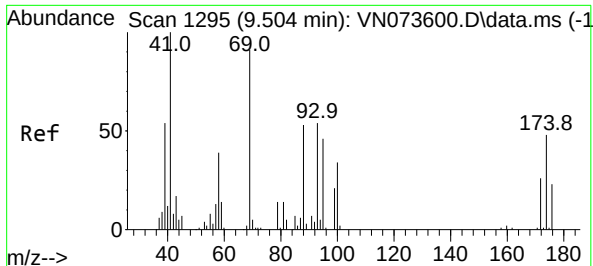
Supervised By :Mahesh
Dadoda
08/09/2022



#44
Isopropyl Acetate
Concen: 19.514 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

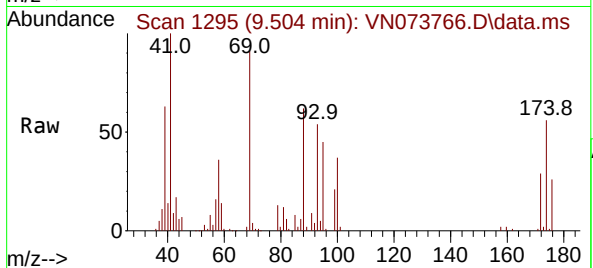
Tgt Ion: 43 Resp: 197750
Ion Ratio Lower Upper
43 100
61 27.5 20.1 30.1





#45
1,4-Dioxane
Concen: 440.185 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

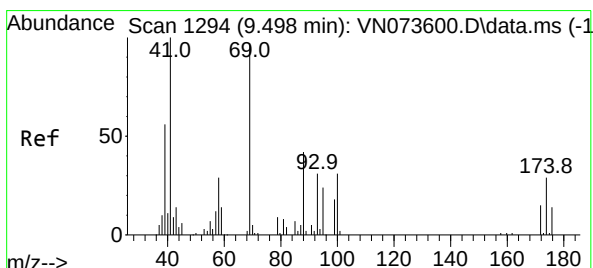
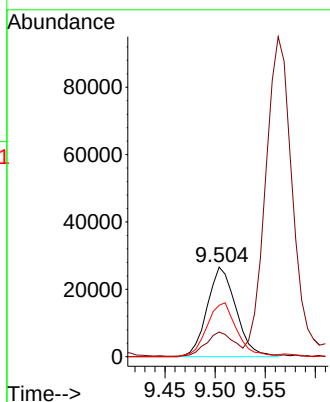
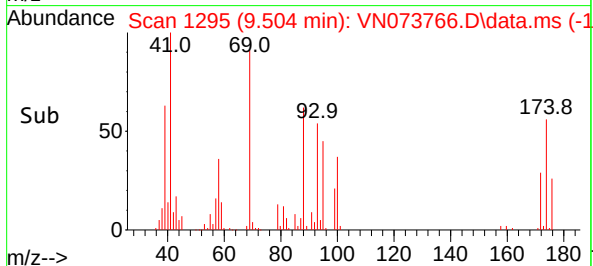


Tgt Ion: 88 Resp: 53190
Ion Ratio Lower Upper
88 100
43 26.3 25.0 37.6
58 61.8 49.4 74.2

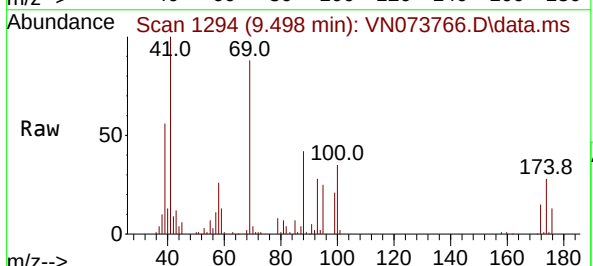
Manual Integrations
APPROVED

Reviewed By :John
Carlone
08/09/2022

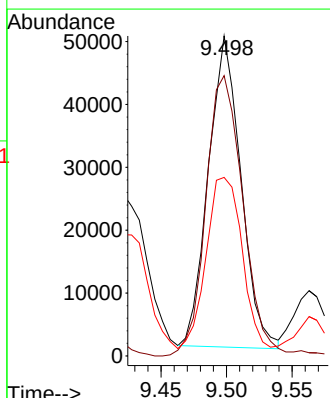
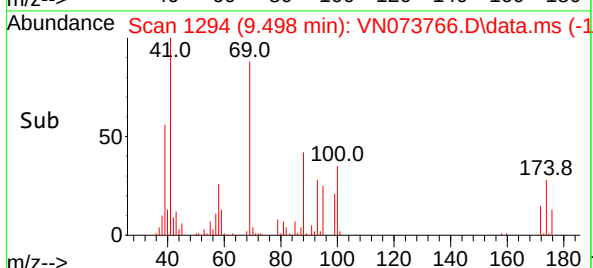
Supervised By :Mahesh
Dadoda
08/09/2022

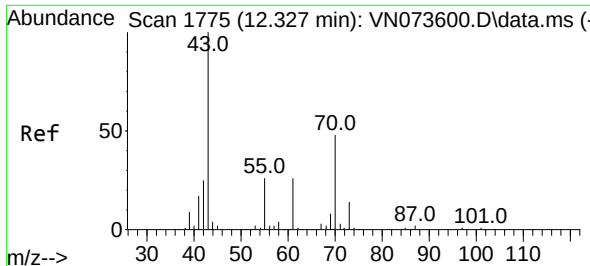


#46
Methyl methacrylate
Concen: 18.845 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08



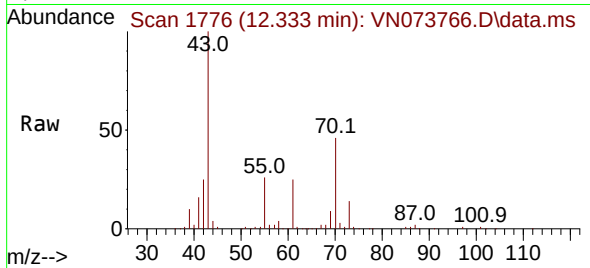
Tgt Ion: 41 Resp: 85402
Ion Ratio Lower Upper
41 100
69 88.7 44.4 133.2
39 55.3 39.9 119.6





#47
n-amy1 Acetate
Concen: 18.485 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

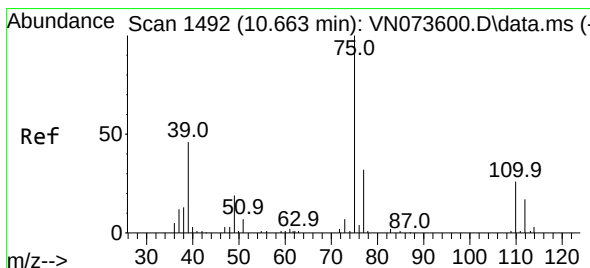
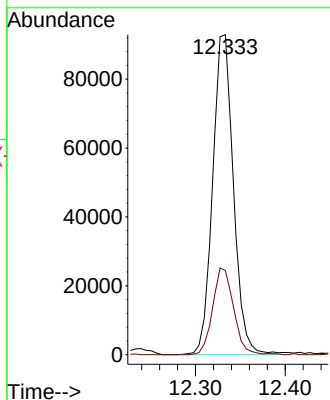
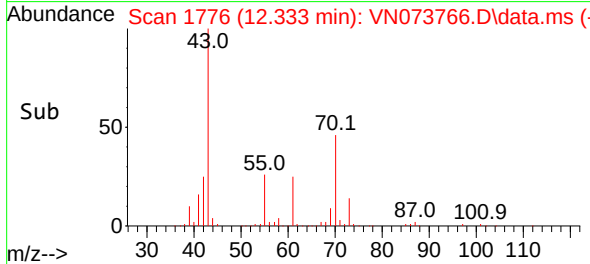


Tgt Ion: 43 Resp: 14934
Ion Ratio Lower Upper
43 100
55 27.1 19.0 28.6

Manual Integrations
APPROVED

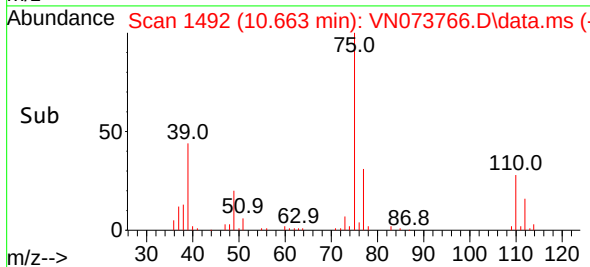
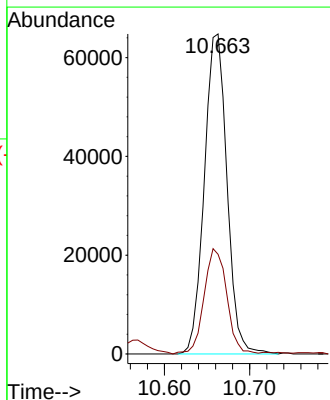
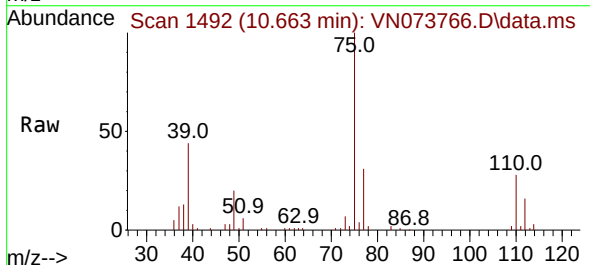
Reviewed By :John
Carlone
08/09/2022

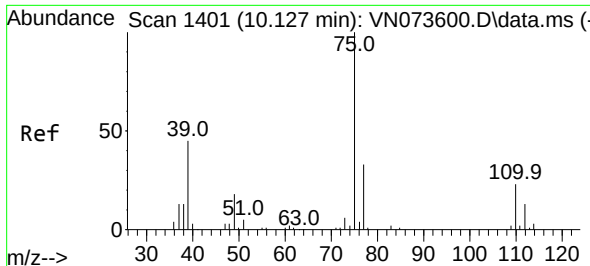
Supervised By :Mahesh
Dadoda
08/09/2022



#48
t-1,3-Dichloropropene
Concen: 19.318 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Tgt Ion: 75 Resp: 119756
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9





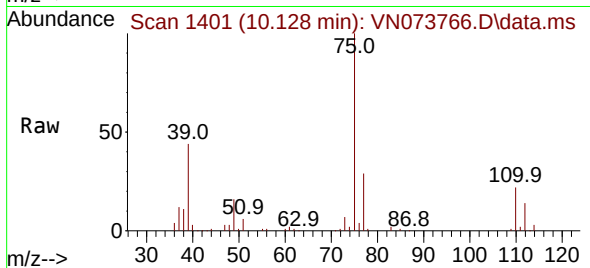
#49
 cis-1,3-Dichloropropene
 Concen: 19.612 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073766.D
 Acq: 08 Aug 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 75 Resp: 134990
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.3 37.9
 39 44.1 46.2 69.4

Manual Integrations
 APPROVED

Reviewed By :John

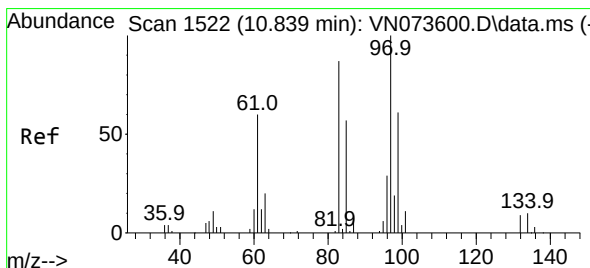
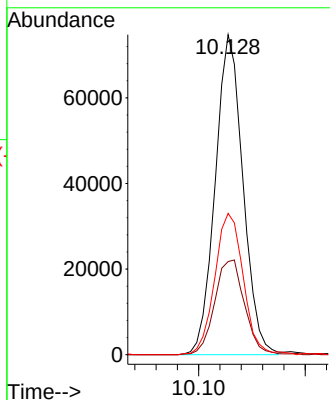
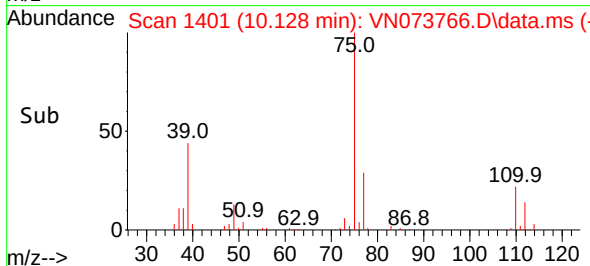
Carlone

08/09/2022

Supervised By :Mahesh

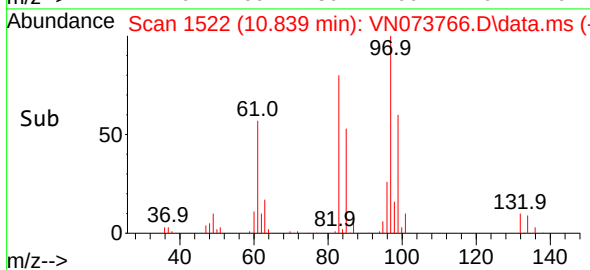
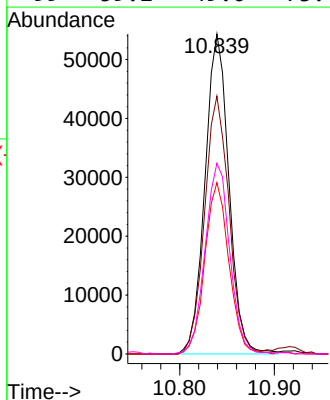
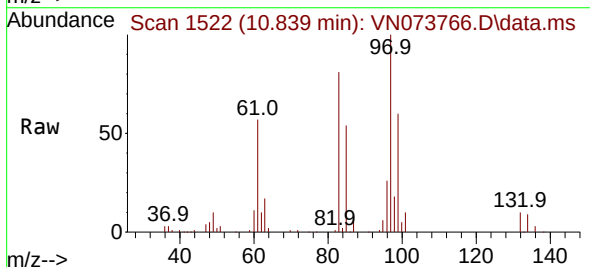
Dadoda

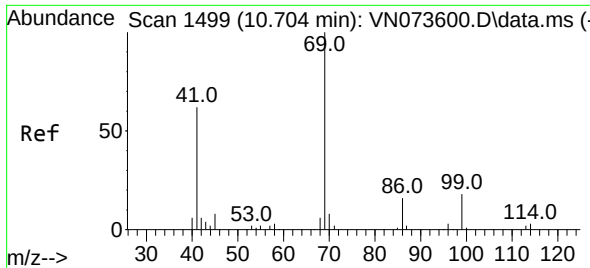
08/09/2022



#50
 1,1,2-Trichloroethane
 Concen: 20.714 ug/l
 RT: 10.839 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: VN073766.D
 Acq: 08 Aug 2022 13:08

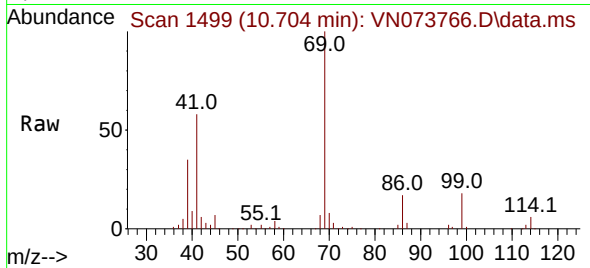
Tgt Ion: 97 Resp: 95592
 Ion Ratio Lower Upper
 97 100
 83 80.6 67.2 100.8
 85 53.6 43.0 64.4
 99 59.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.134 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

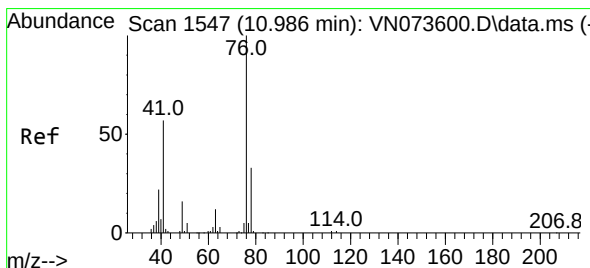
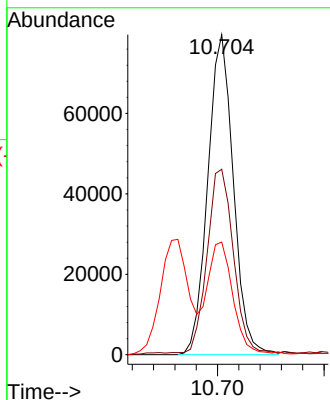
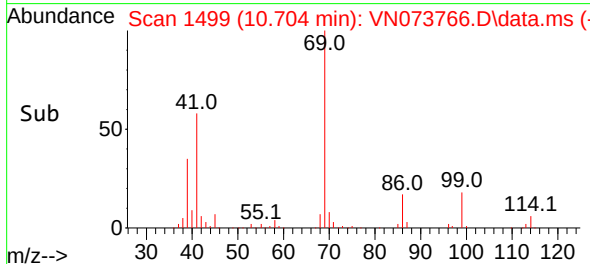


Tgt Ion: 69 Resp: 13275
Ion Ratio Lower Upper
69 100
41 57.5 33.0 98.9
39 34.3 25.4 76.4

Manual Integrations
APPROVED

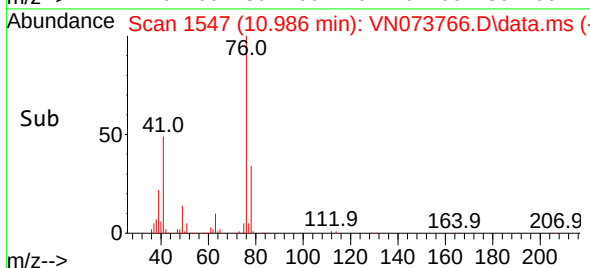
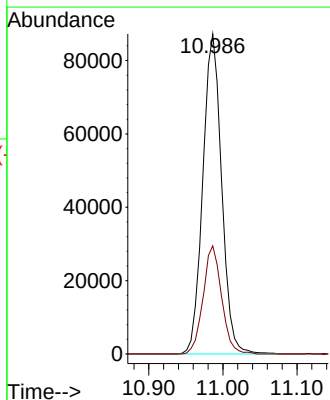
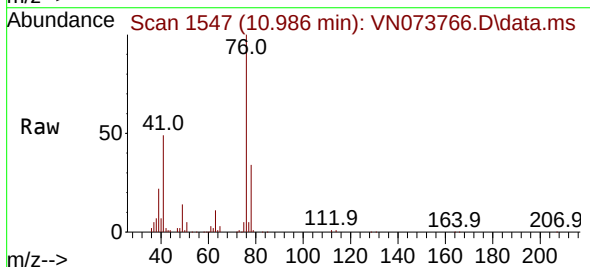
Reviewed By :John
Carlone
08/09/2022

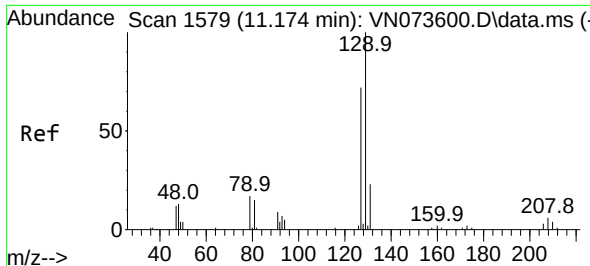
Supervised By :Mahesh
Dadoda
08/09/2022



#52
1,3-Dichloropropane
Concen: 19.787 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

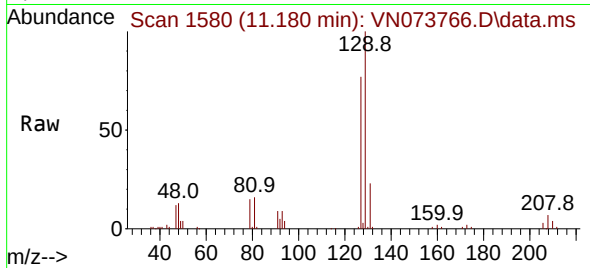
Tgt Ion: 76 Resp: 153915
Ion Ratio Lower Upper
76 100
78 33.1 0.0 65.4





#53
Dibromochloromethane
Concen: 20.336 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

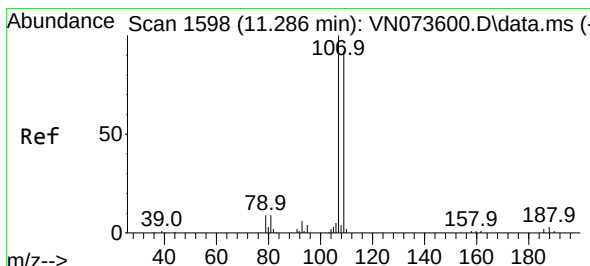
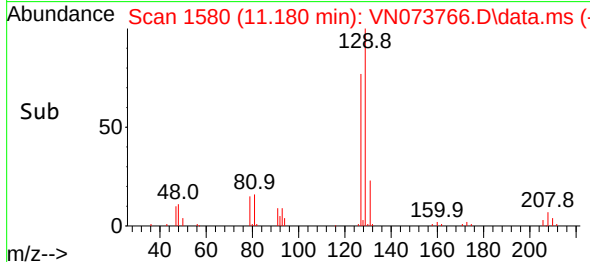
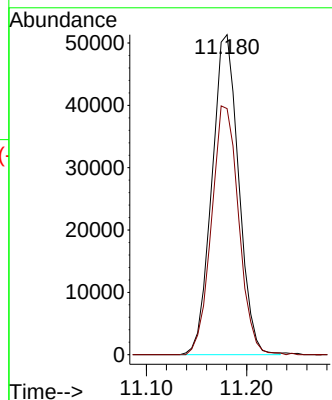


Tgt Ion:129 Resp: 95108
Ion Ratio Lower Upper
129 100
127 78.6 39.0 117.0

Manual Integrations
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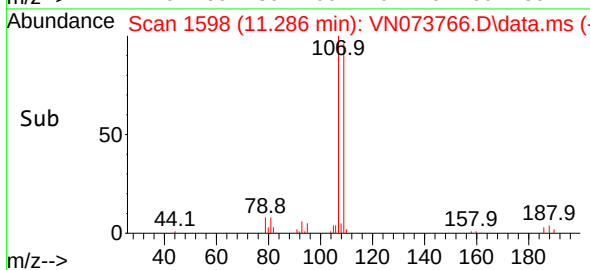
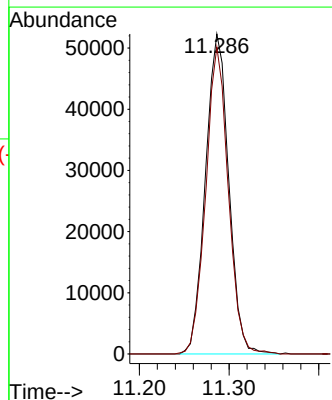
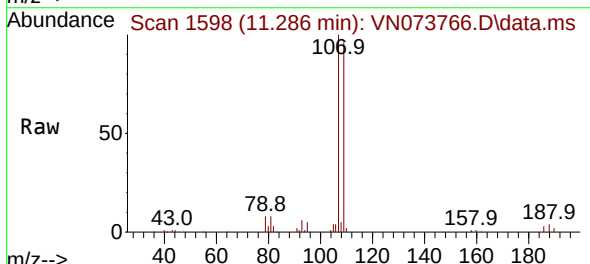
Reviewed By :John
Carlone
08/09/2022

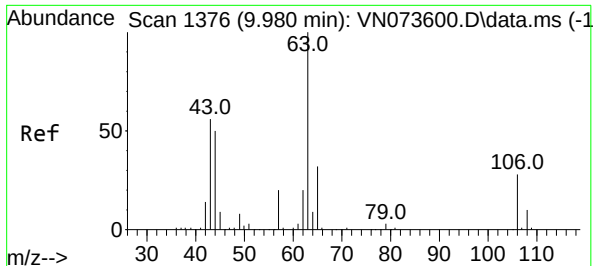
Supervised By :Mahesh
Dadoda
08/09/2022



#54
1,2-Dibromoethane
Concen: 20.043 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Tgt Ion:107 Resp: 94261
Ion Ratio Lower Upper
107 100
109 93.0 72.8 109.2





#55

2-Chloroethyl vinyl ether

Concen: 91.274 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073766.D

Acq: 08 Aug 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 284029

Ion	Ratio	Lower	Upper
63	100		
65	32.9	25.4	38.0
106	30.5	23.2	34.8

Manual Integrations

APPROVED

Reviewed By :John

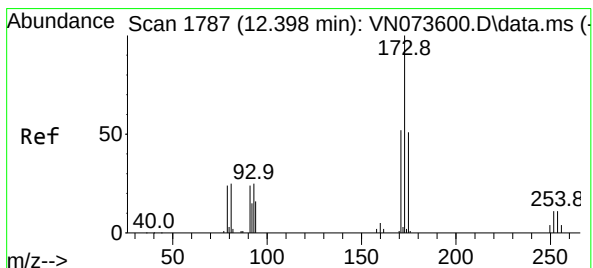
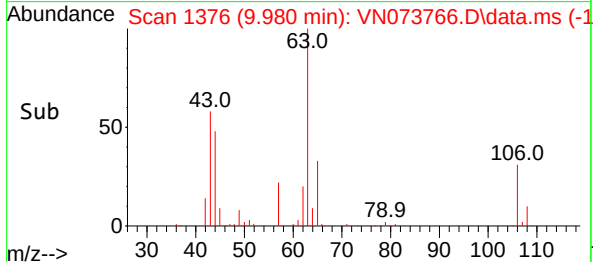
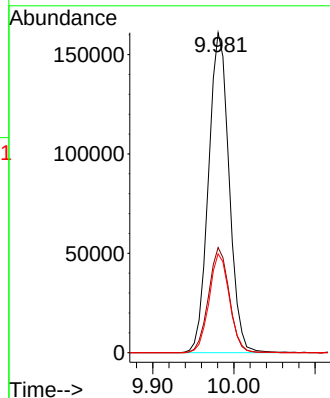
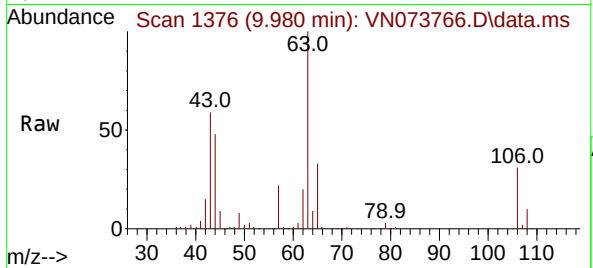
Carlone

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Supervised By :Mahesh

Dadoda

08/09/2022



#56

Bromoform

Concen: 20.124 ug/l

RT: 12.398 min Scan# 1787

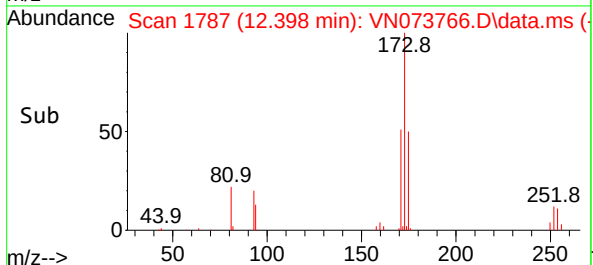
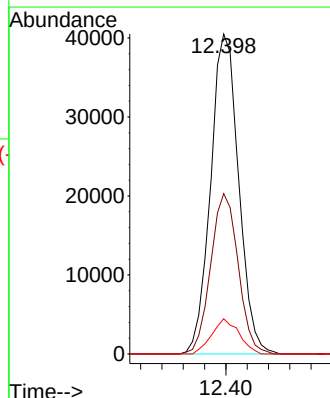
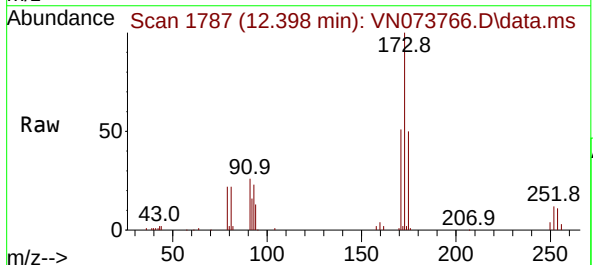
Delta R.T. 0.000 min

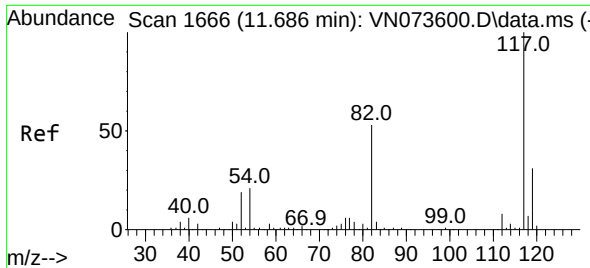
Lab File: VN073766.D

Acq: 08 Aug 2022 13:08

Tgt Ion:173 Resp: 73963

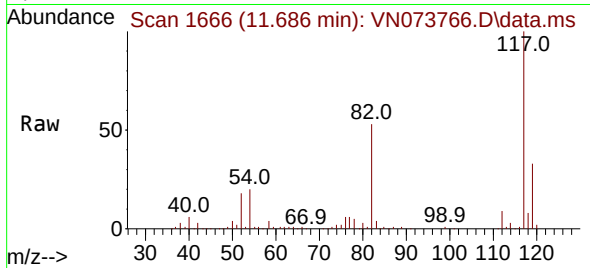
Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.6	58.0
254	10.7	0.0	0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

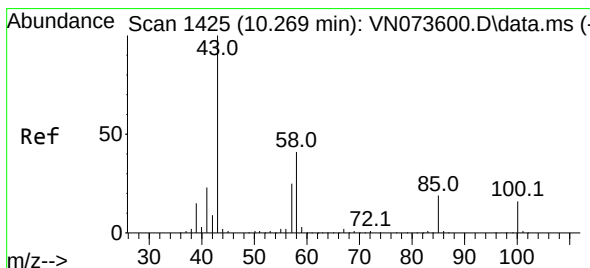
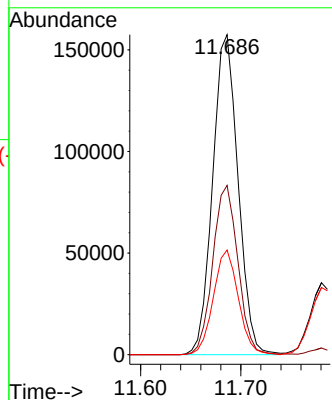


Tgt Ion: 117 Resp: 277093
Ion Ratio Lower Upper
117 100
82 52.5 43.6 65.4
119 32.2 25.8 38.6

Manual Integrations
APPROVED

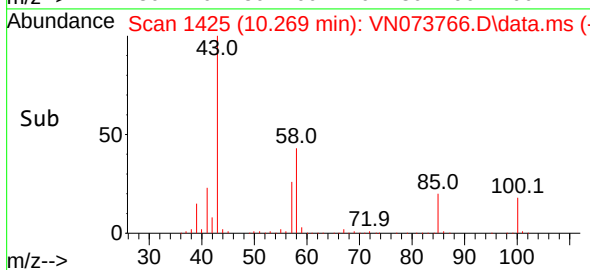
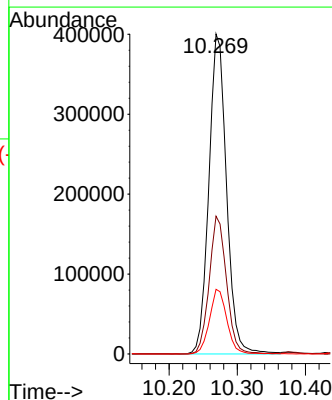
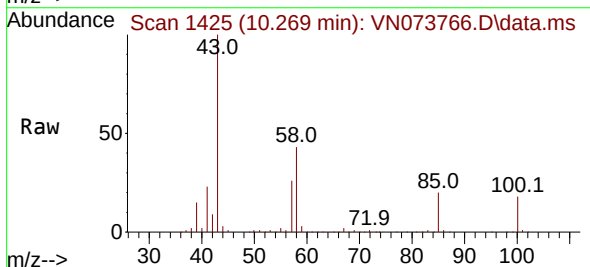
Reviewed By :John
Carlone
08/09/2022

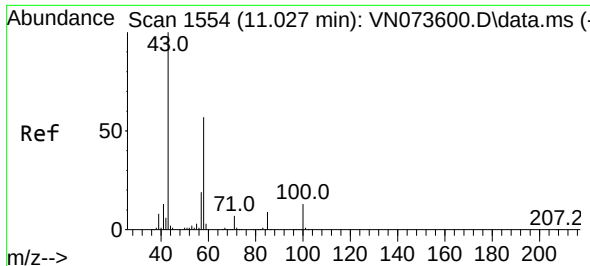
Supervised By :Mahesh
Dadoda
08/09/2022



#58
4-Methyl-2-Pentanone
Concen: 100.800 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

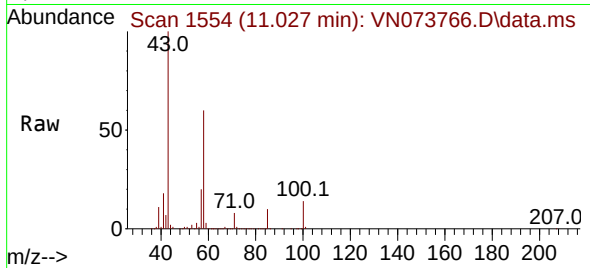
Tgt Ion: 43 Resp: 722217
Ion Ratio Lower Upper
43 100
58 42.2 30.0 45.0
85 19.9 15.0 22.6





#59
2-Hexanone
Concen: 100.481 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

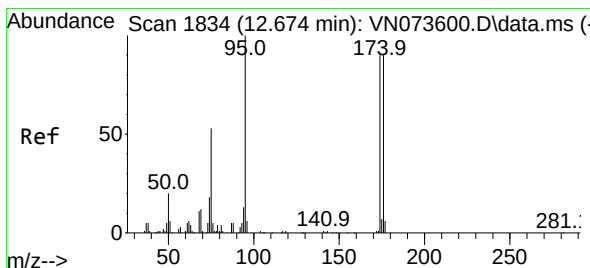
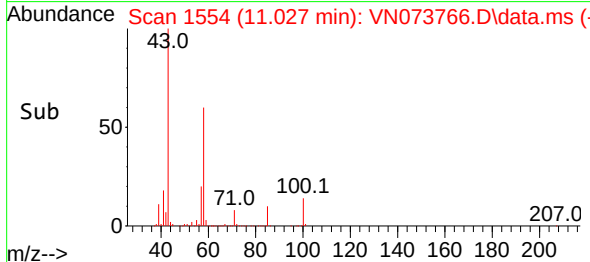
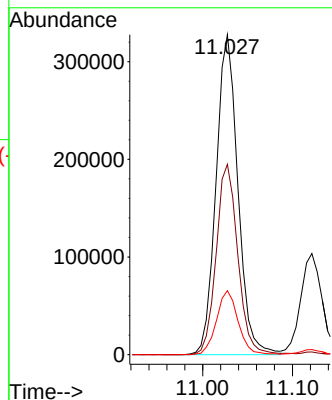


Tgt Ion: 43 Resp: 554519
Ion Ratio Lower Upper
43 100
58 58.7 42.2 63.2
57 19.8 15.0 22.4

Manual Integrations
APPROVED

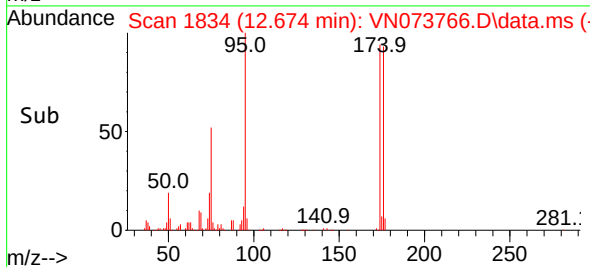
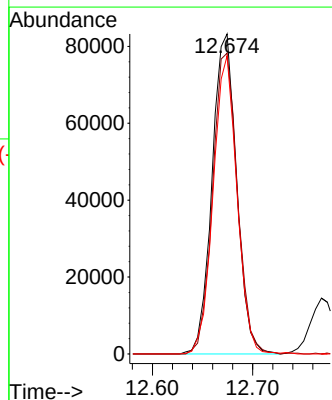
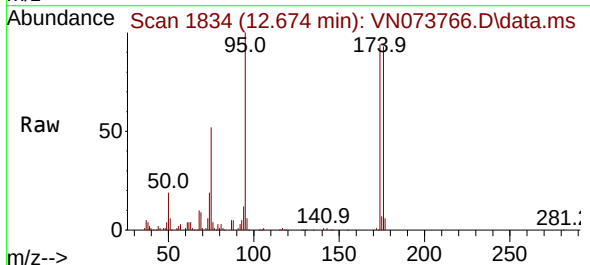
Reviewed By :John
Carlone
08/09/2022

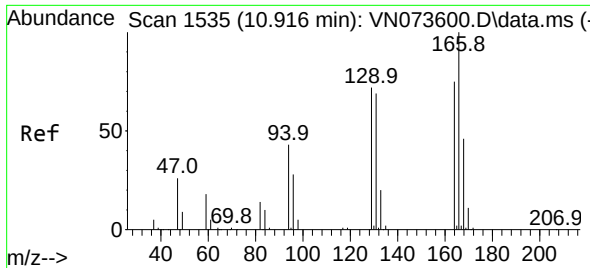
Supervised By :Mahesh
Dadoda
08/09/2022



#60
4-Bromofluorobenzene
Concen: 28.795 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

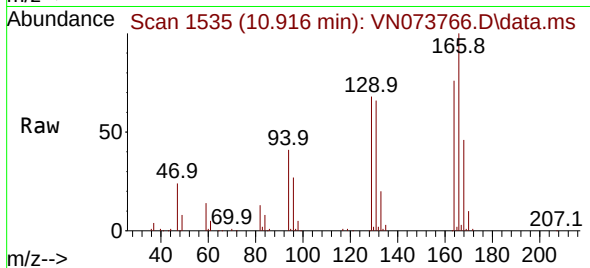
Tgt Ion: 95 Resp: 141278
Ion Ratio Lower Upper
95 100
174 95.2 62.9 94.3#
176 90.2 61.0 91.4





#61
Tetrachloroethene
Concen: 20.700 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

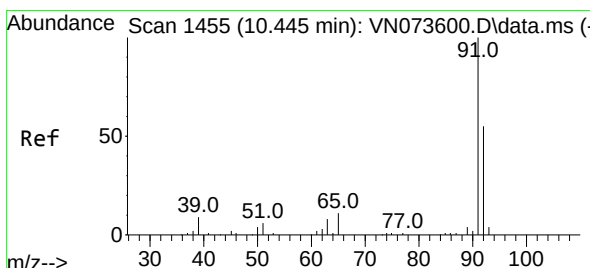
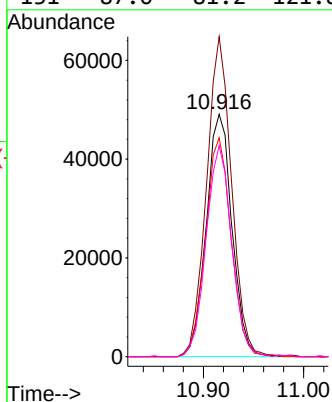


Tgt Ion:164 Resp: 87860
Ion Ratio Lower Upper
164 100
166 132.0 105.8 158.8
129 90.3 82.5 123.7
131 87.0 81.2 121.8

Manual Integrations
APPROVED

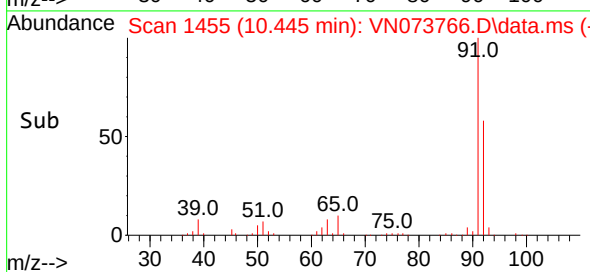
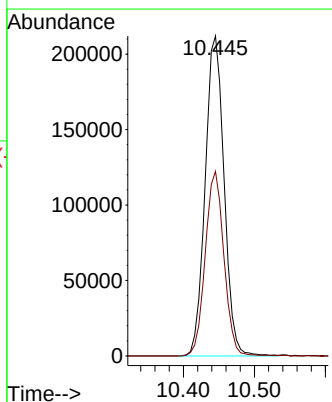
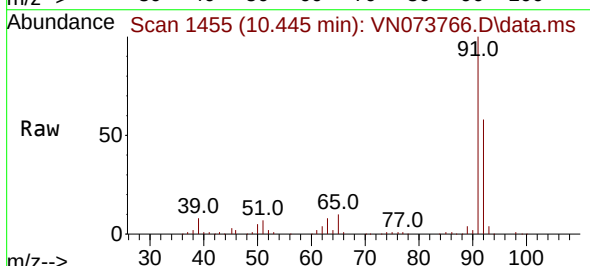
Reviewed By :John
Carlone
08/09/2022

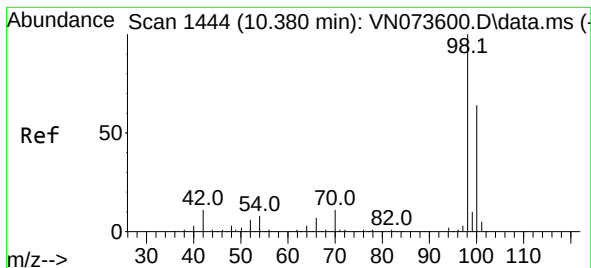
Supervised By :Mahesh
Dadoda
08/09/2022



#62
Toluene
Concen: 20.390 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

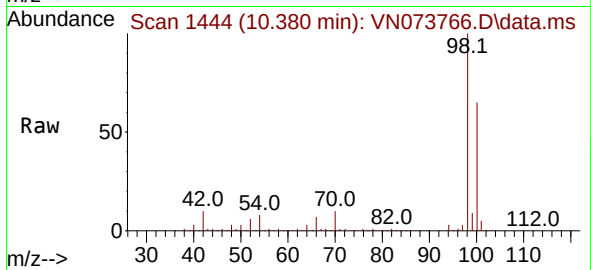
Tgt Ion: 91 Resp: 392906
Ion Ratio Lower Upper
91 100
92 56.9 44.6 67.0





#63
Toluene-d8
Concen: 29.698 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

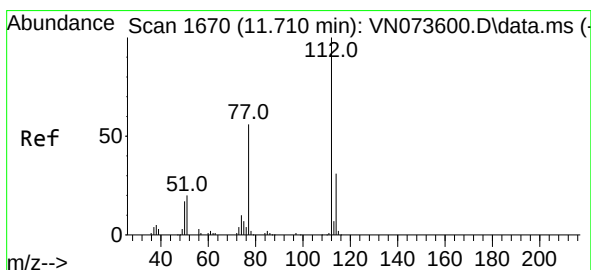
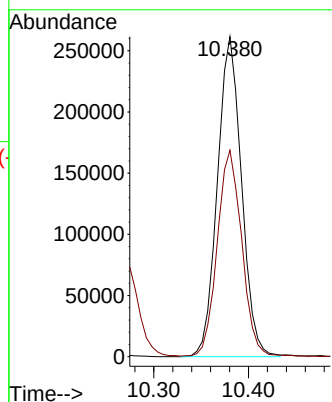


Tgt Ion: 98 Resp: 463362
Ion Ratio Lower Upper
98 100
100 65.8 50.6 76.0

Manual Integrations
APPROVED

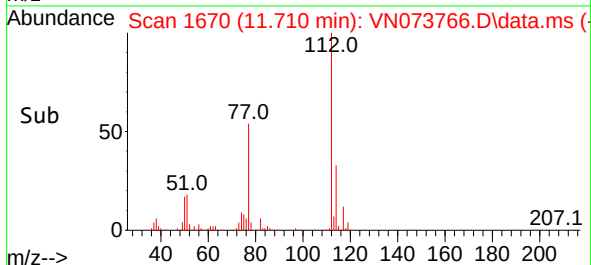
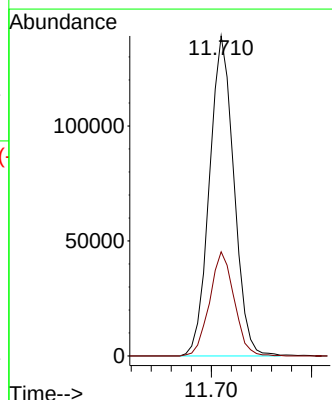
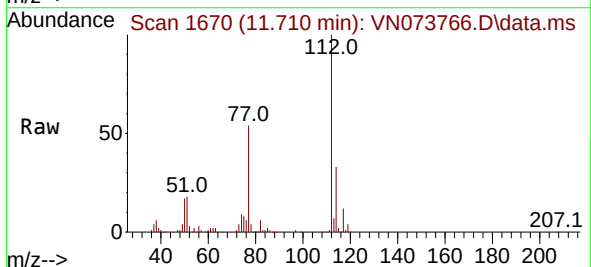
Reviewed By :John
Carlone
08/09/2022

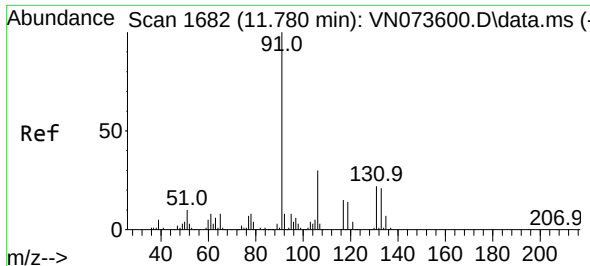
Supervised By :Mahesh
Dadoda
08/09/2022



#64
Chlorobenzene
Concen: 20.512 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

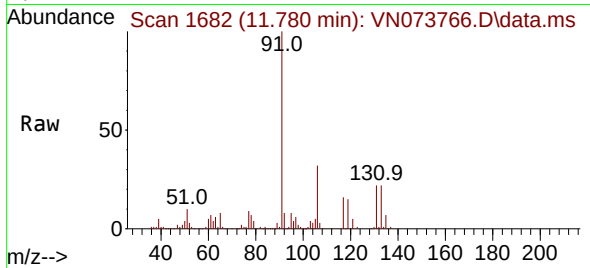
Tgt Ion:112 Resp: 236156
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.648 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

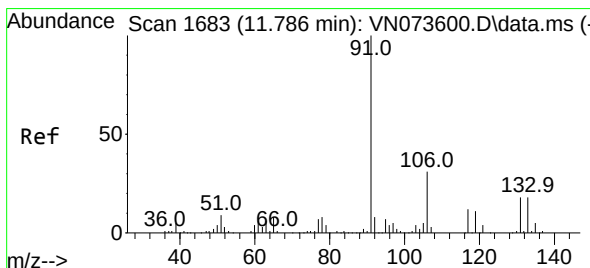
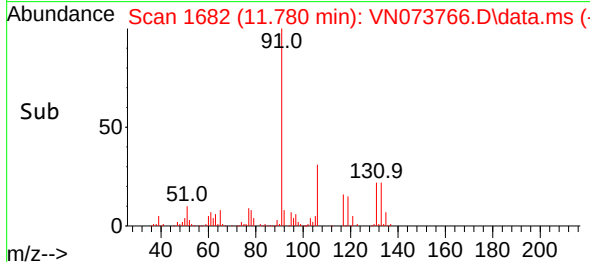
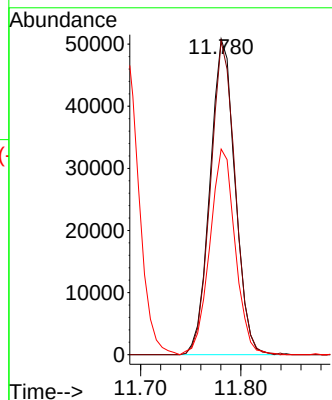


Tgt Ion:131 Resp: 8824
Ion Ratio Lower Upper
131 100
133 97.7 0.0 191.2
119 65.9 0.0 128.8

Manual Integrations
APPROVED

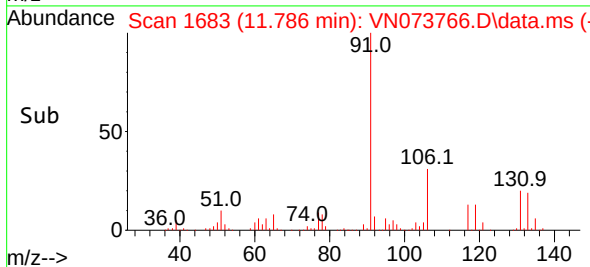
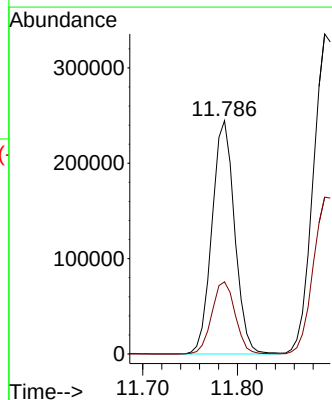
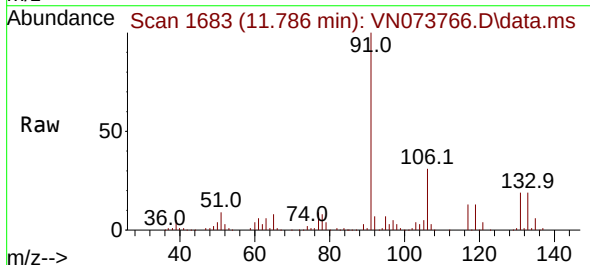
Reviewed By :John
Carlone
08/09/2022

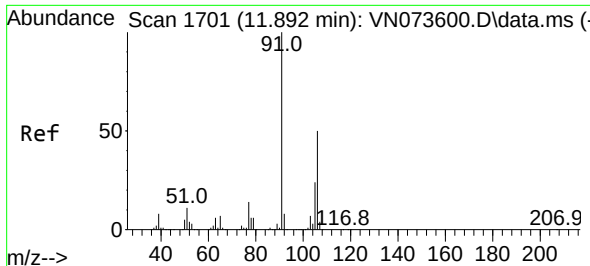
Supervised By :Mahesh
Dadoda
08/09/2022



#66
Ethyl Benzene
Concen: 19.745 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

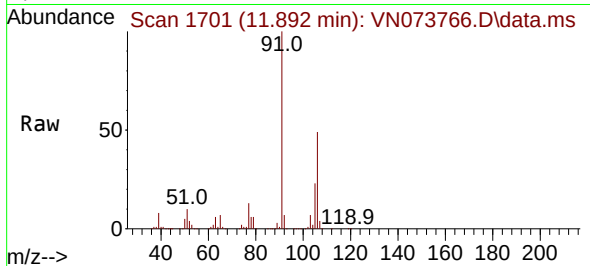
Tgt Ion: 91 Resp: 406765
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0





#67
m/p-Xylenes
Concen: 40.809 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

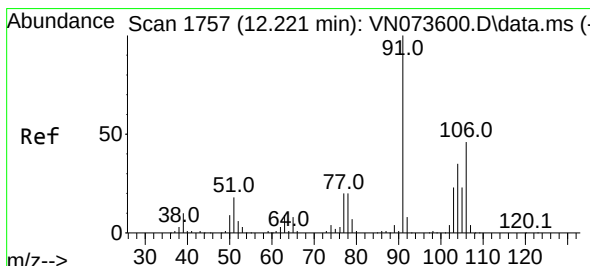
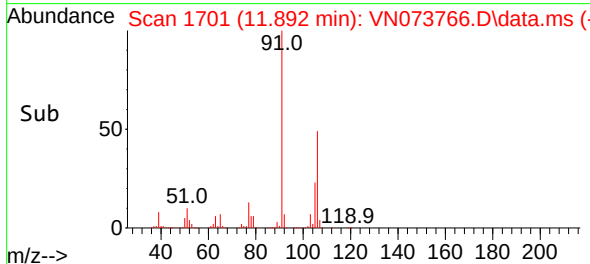
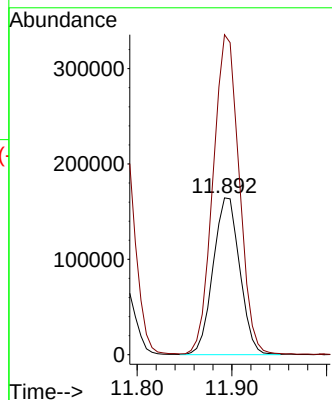


Tgt Ion:106 Resp: 321319
Ion Ratio Lower Upper
106 100
91 200.7 162.9 244.3

Manual Integrations
APPROVED

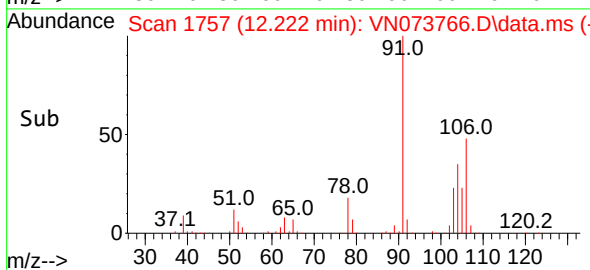
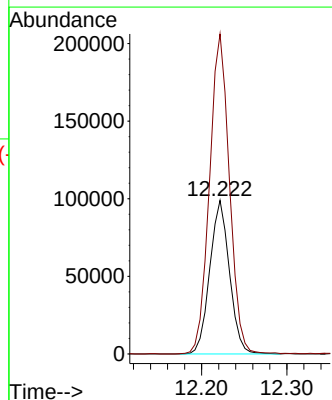
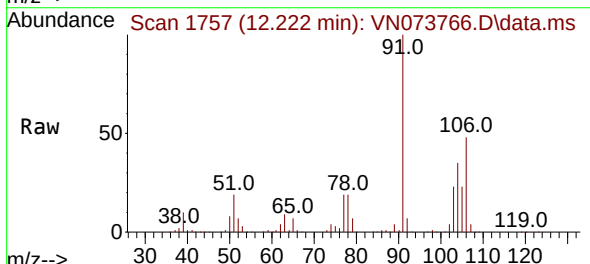
Reviewed By :John
Carlone
08/09/2022

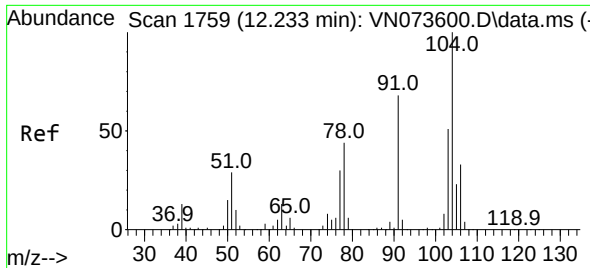
Supervised By :Mahesh
Dadoda
08/09/2022



#68
o-Xylene
Concen: 20.280 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Tgt Ion:106 Resp: 158598
Ion Ratio Lower Upper
106 100
91 211.2 107.7 323.1





#69
Styrene
Concen: 20.099 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

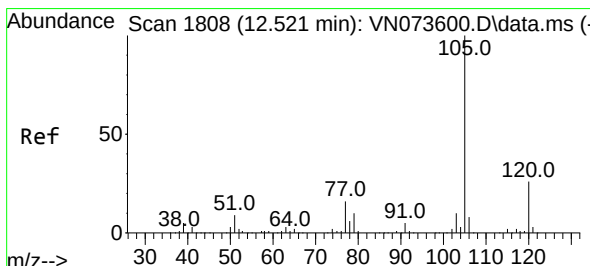
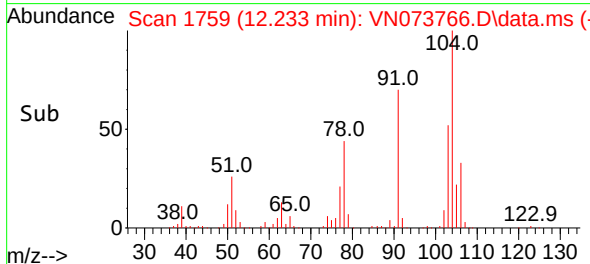
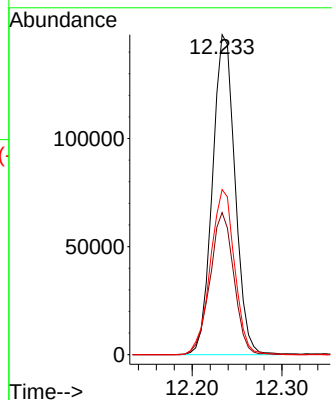
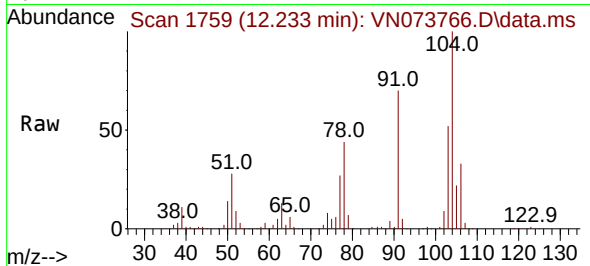
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 259079
Ion Ratio Lower Upper
104 100
78 46.6 40.7 61.1
103 55.3 45.8 68.8

Manual Integrations
APPROVED

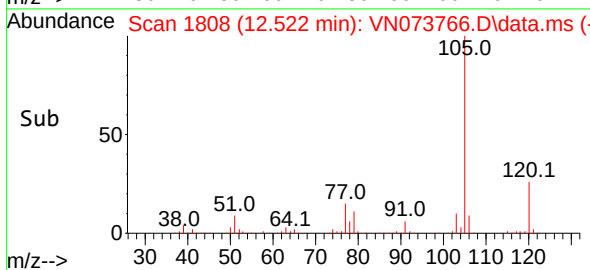
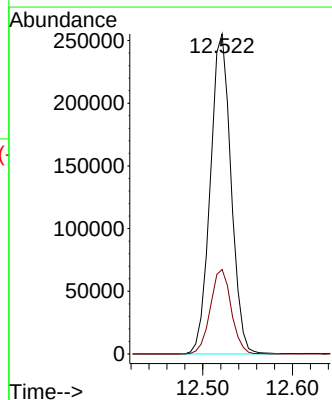
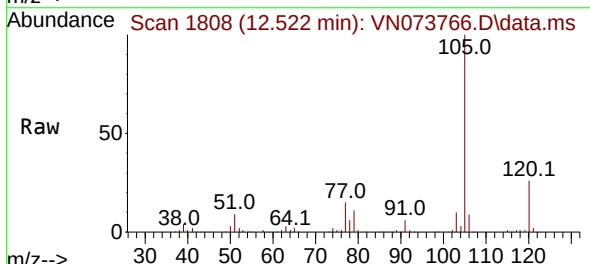
Reviewed By :John
Carlone
08/09/2022

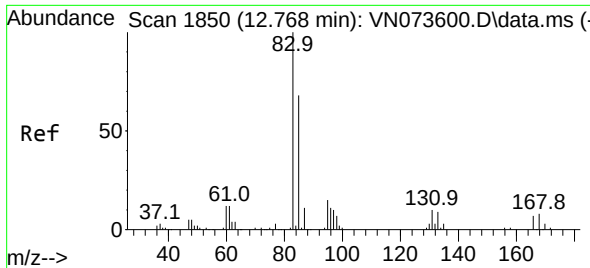
Supervised By :Mahesh
Dadoda
08/09/2022



#70
Isopropylbenzene
Concen: 20.479 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

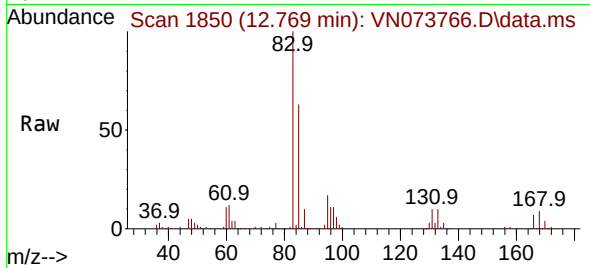
Tgt Ion:105 Resp: 409478
Ion Ratio Lower Upper
105 100
120 26.6 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.699 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

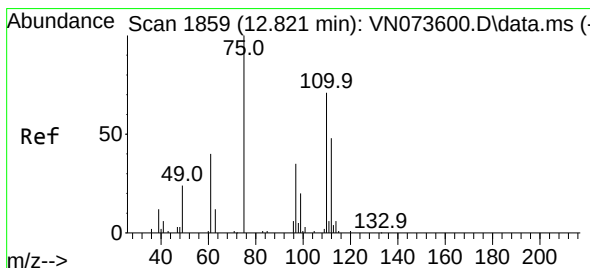
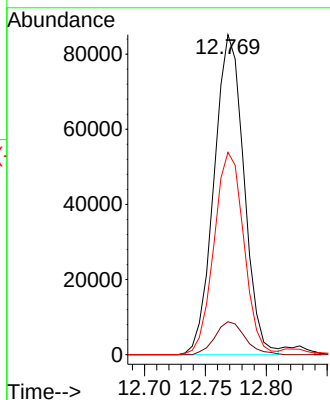
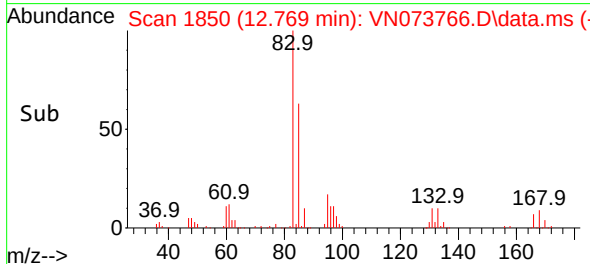


Tgt Ion: 83 Resp: 14552
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 63.3 33.1 99.2

Manual Integrations
APPROVED

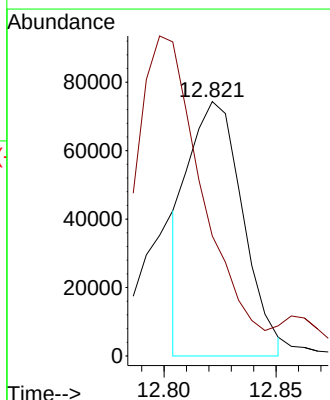
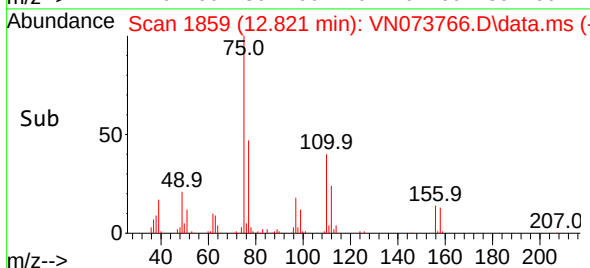
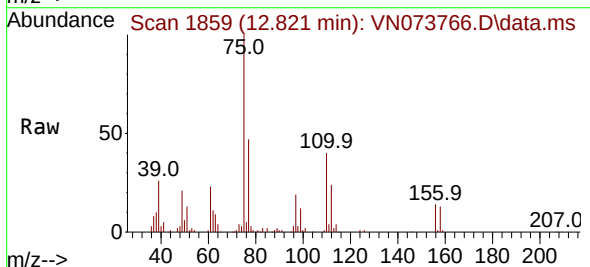
Reviewed By :John
Carlone
08/09/2022

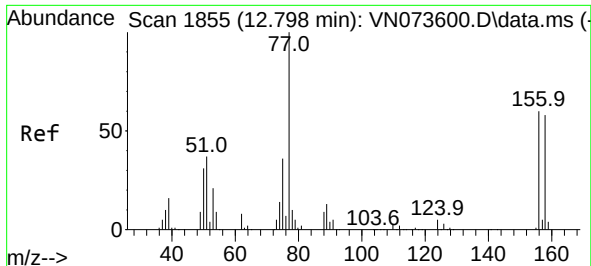
Supervised By :Mahesh
Dadoda
08/09/2022



#72
1,2,3-Trichloropropane
Concen: 21.566 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

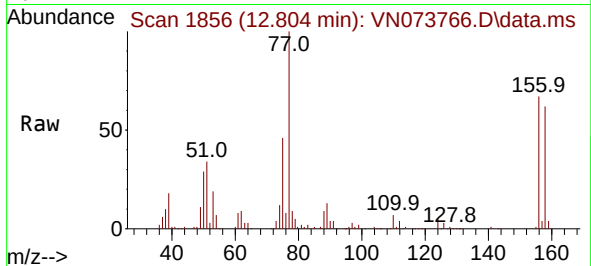
Tgt Ion: 75 Resp: 126627
Ion Ratio Lower Upper
75 100
77 158.1 0.0 378.0





#73
Bromobenzene
Concen: 20.391 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

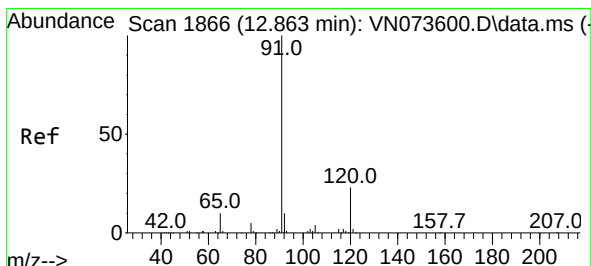
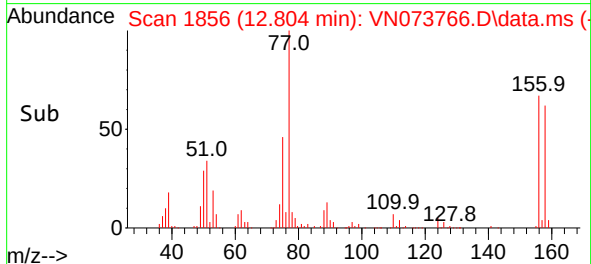
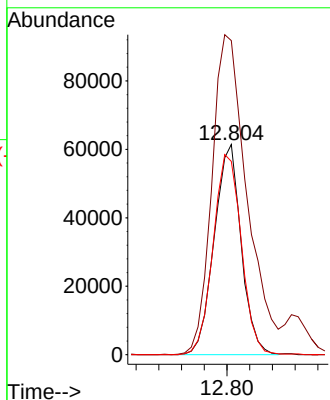


Tgt Ion:156 Resp: 101272
Ion Ratio Lower Upper
156 100
77 197.7 0.0 416.0
158 100.0 0.0 195.4

Manual Integrations
APPROVED

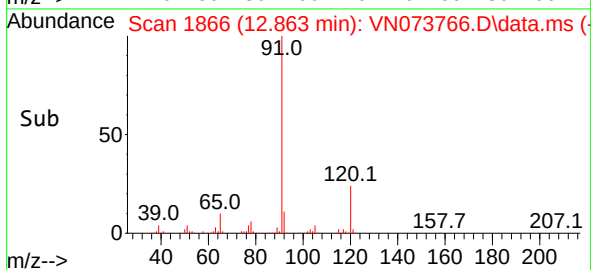
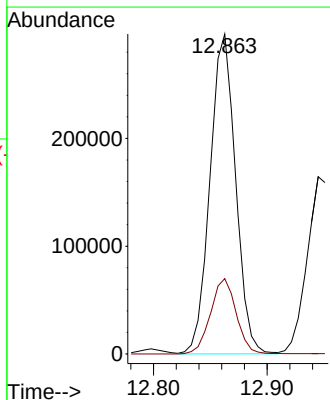
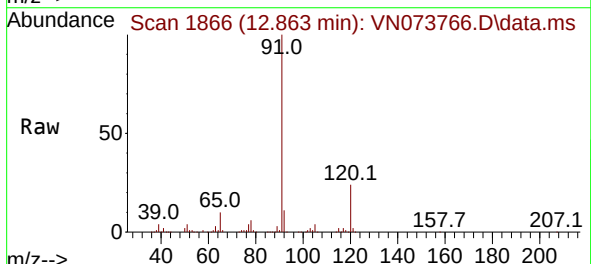
Reviewed By :John
Carlone
08/09/2022

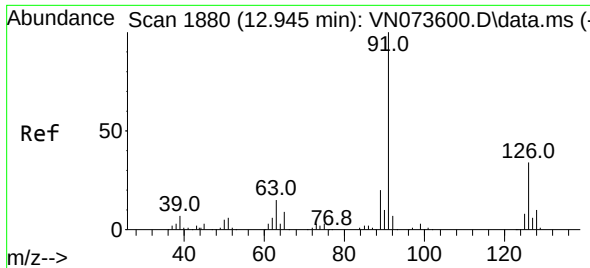
Supervised By :Mahesh
Dadoda
08/09/2022



#74
n-propylbenzene
Concen: 19.978 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

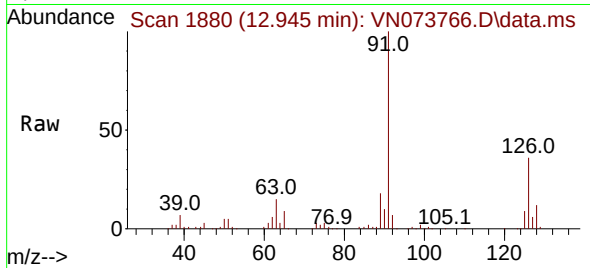
Tgt Ion: 91 Resp: 464865
Ion Ratio Lower Upper
91 100
120 23.6 0.0 45.0





#75
2-Chlorotoluene
Concen: 20.167 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

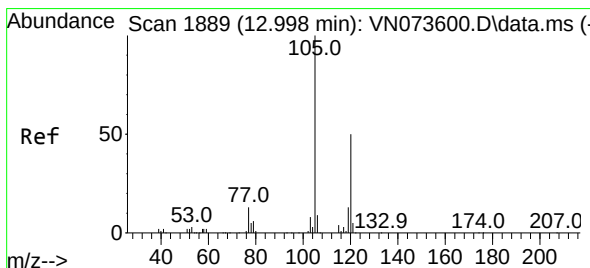
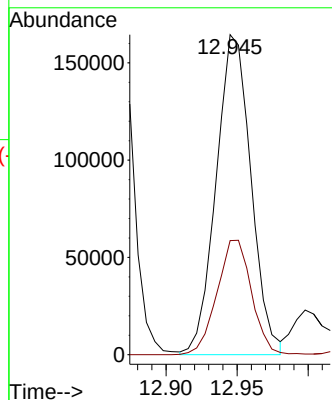


Tgt Ion: 91 Resp: 28129
Ion Ratio Lower Upper
91 100
126 35.5 0.0 69.8

Manual Integrations
APPROVED

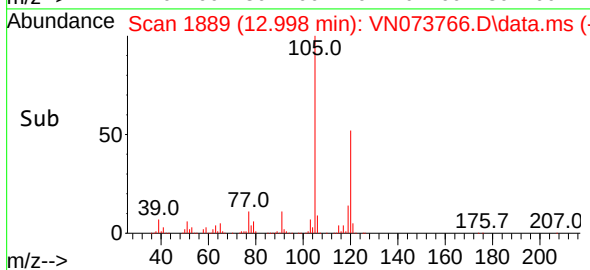
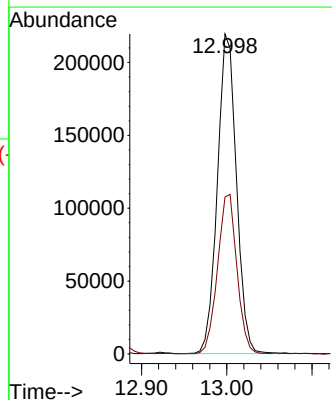
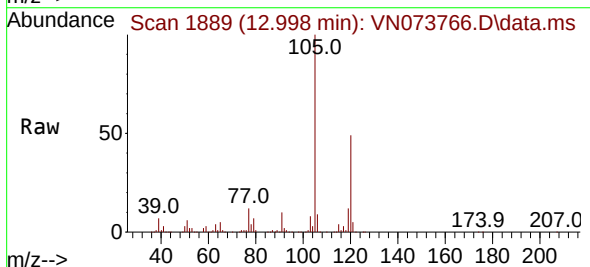
Reviewed By :John
Carlone
08/09/2022

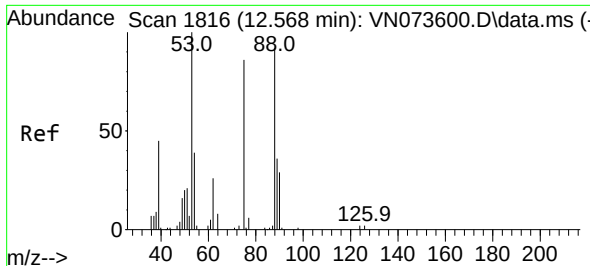
Supervised By :Mahesh
Dadoda
08/09/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.353 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

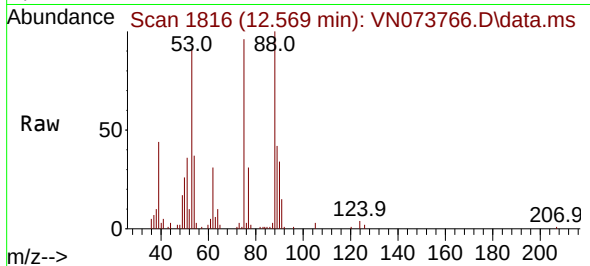
Tgt Ion:105 Resp: 340859
Ion Ratio Lower Upper
105 100
120 50.9 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.056 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

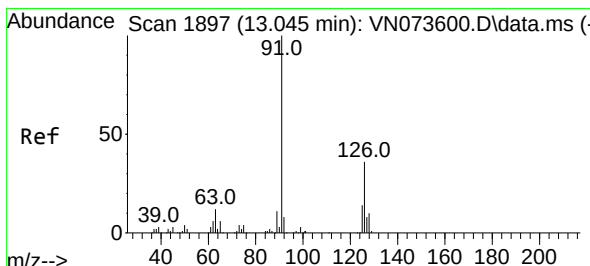
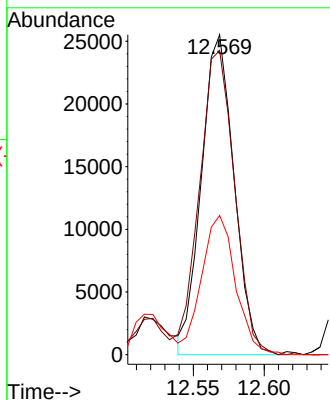
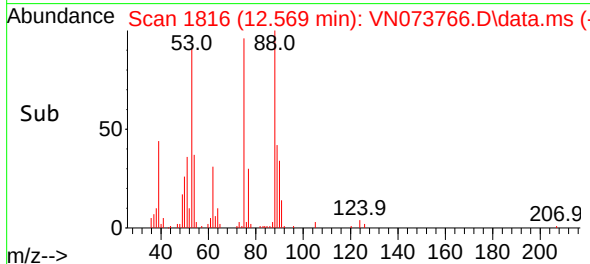


Tgt Ion: 75 Resp: 40770
Ion Ratio Lower Upper
75 100
53 95.0 51.8 155.5
89 42.7 22.9 68.7

Manual Integrations
APPROVED

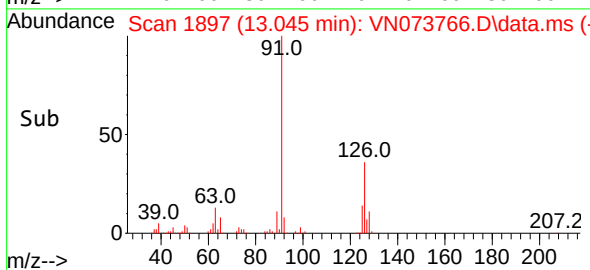
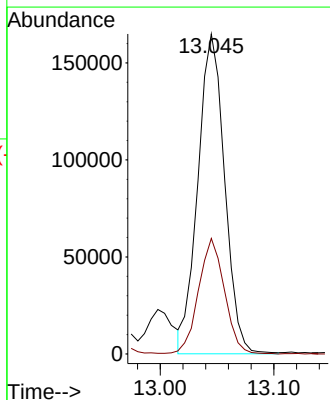
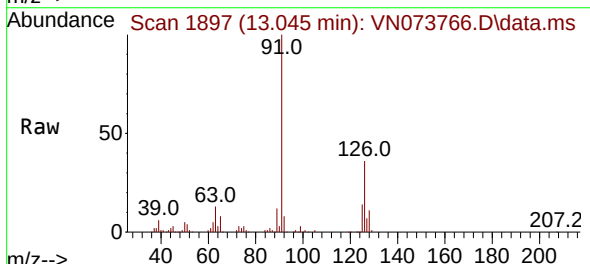
Reviewed By :John
Carlone
08/09/2022

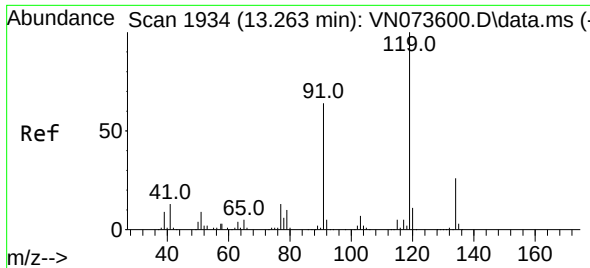
Supervised By :Mahesh
Dadoda
08/09/2022



#78
4-Chlorotoluene
Concen: 20.119 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

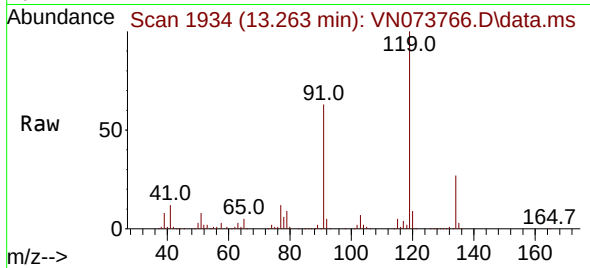
Tgt Ion: 91 Resp: 269587
Ion Ratio Lower Upper
91 100
126 35.1 0.0 70.6





#79
tert-butylbenzene
Concen: 20.157 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

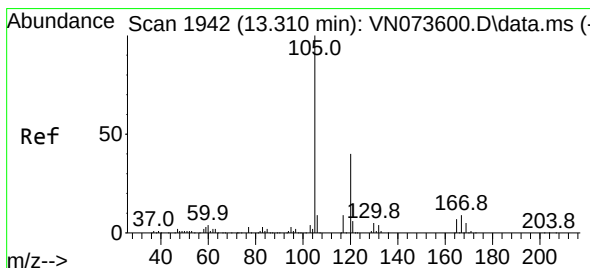
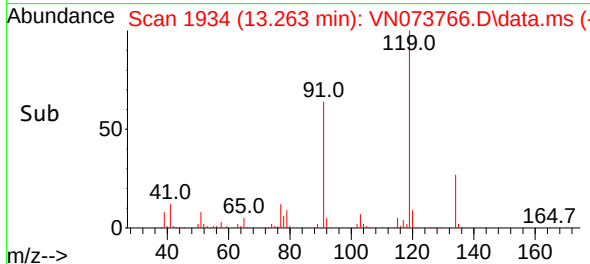
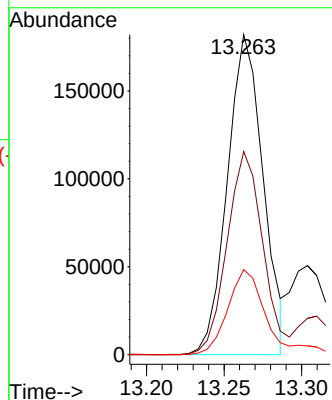


Tgt Ion:119 Resp: 29185
Ion Ratio Lower Upper
119 100
91 63.8 0.0 137.0
134 26.6 0.0 47.6

Manual Integrations
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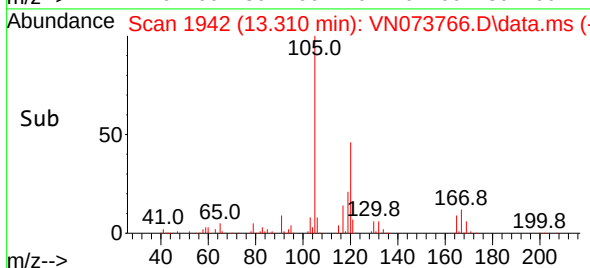
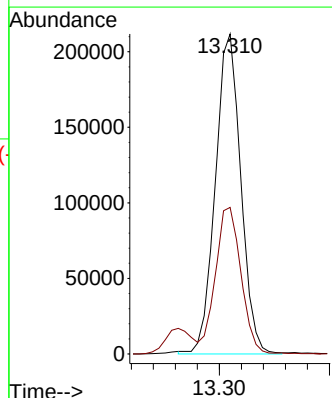
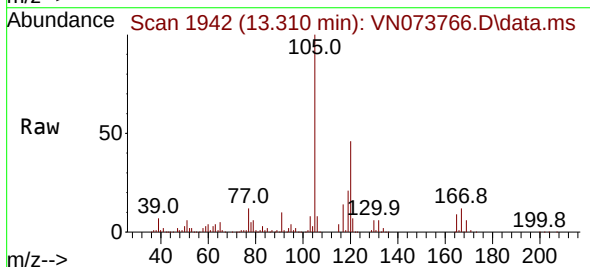
Reviewed By :John
Carlone
08/09/2022

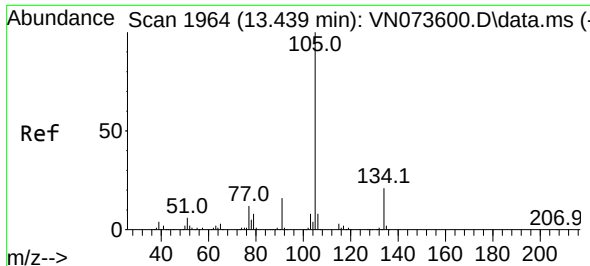
Supervised By :Mahesh
Dadoda
08/09/2022



#80
1,2,4-Trimethylbenzene
Concen: 20.489 ug/l m
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

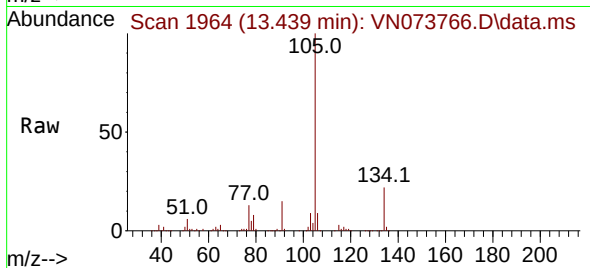
Tgt Ion:105 Resp: 339888
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 19.733 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073766.D
 Acq: 08 Aug 2022 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

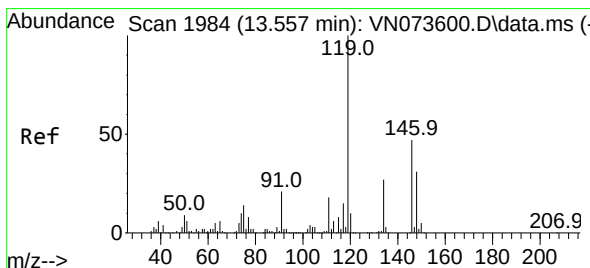
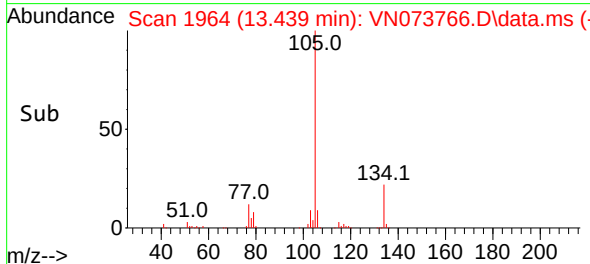
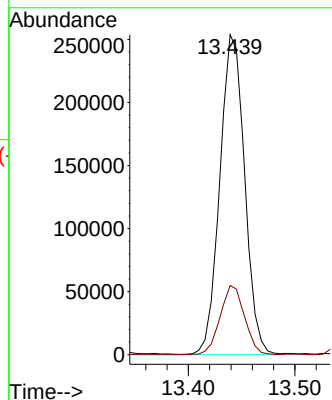


Tgt Ion:105 Resp: 410249
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 39.4

Manual Integrations
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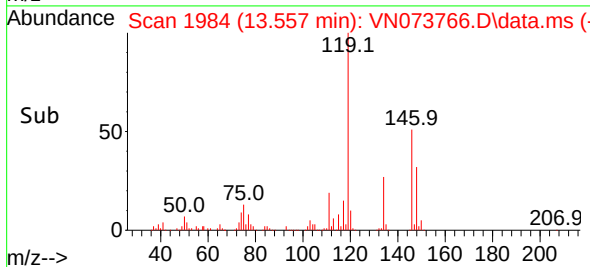
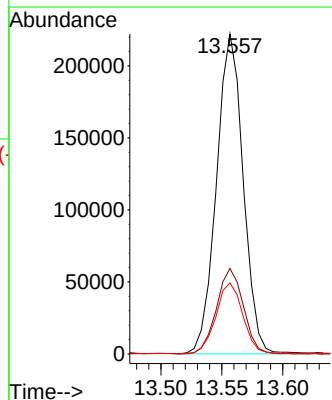
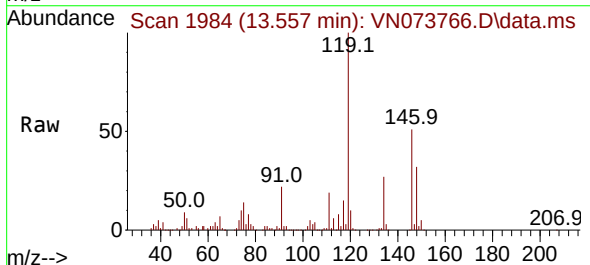
Reviewed By :John
 Carlone
 08/09/2022

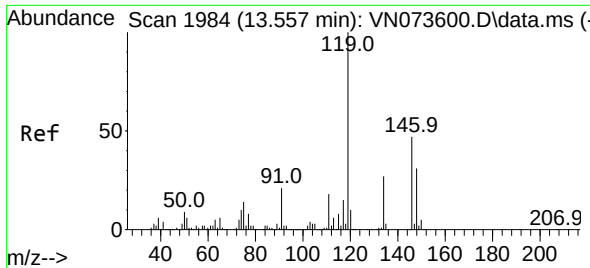
Supervised By :Mahesh
 Dadoda
 08/09/2022



#82
 p-Isopropyltoluene
 Concen: 19.820 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073766.D
 Acq: 08 Aug 2022 13:08

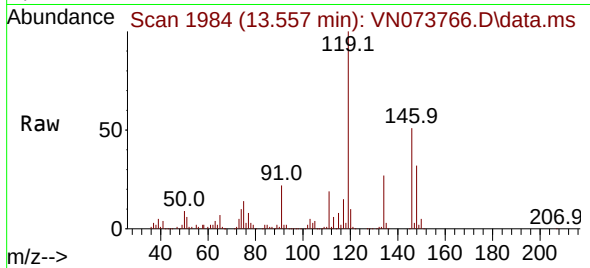
Tgt Ion:119 Resp: 338300
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 51.8
 91 22.2 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 20.529 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

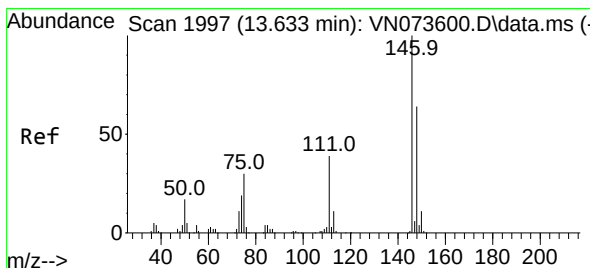
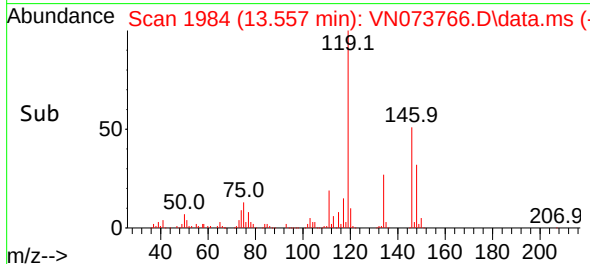
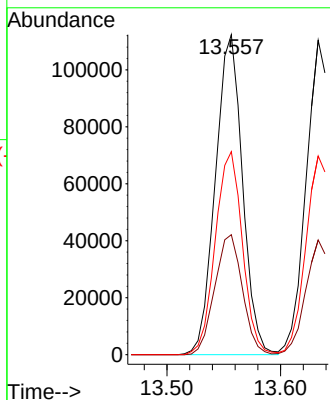


Tgt Ion:146 Resp: 18664
Ion Ratio Lower Upper
146 100
111 38.1 20.8 62.2
148 63.6 31.4 94.3

Manual Integrations
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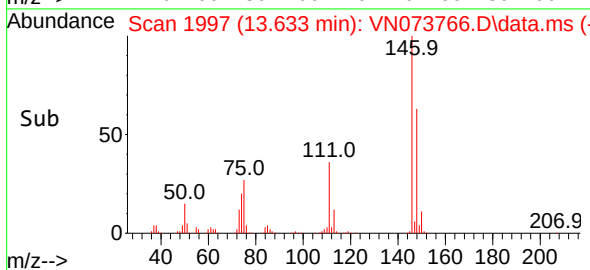
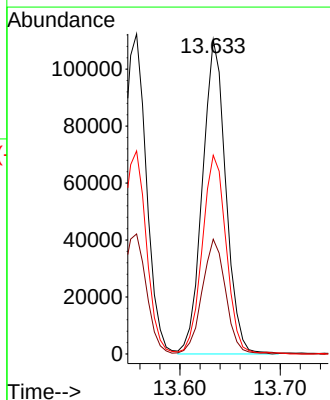
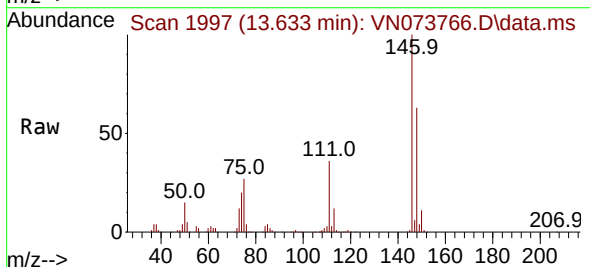
Reviewed By :John
Carlone
08/09/2022

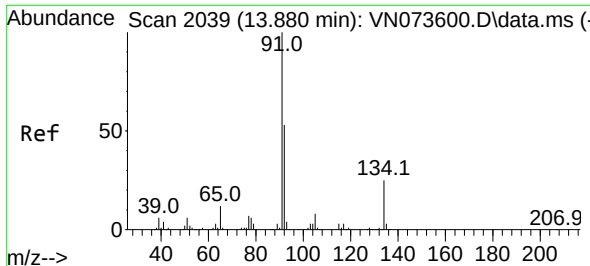
Supervised By :Mahesh
Dadoda
08/09/2022



#84
1,4-Dichlorobenzene
Concen: 20.414 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

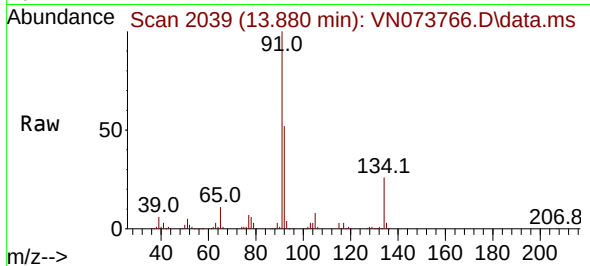
Tgt Ion:146 Resp: 179032
Ion Ratio Lower Upper
146 100
111 36.7 19.5 58.5
148 63.7 31.1 93.5





#85
n-Butylbenzene
Concen: 18.300 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

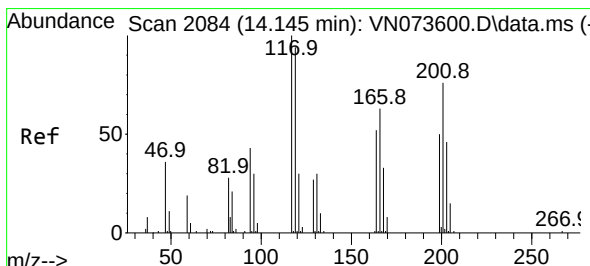
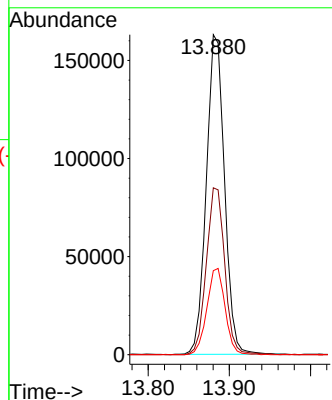


Tgt Ion: 91 Resp: 253189
Ion Ratio Lower Upper
91 100
92 52.8 0.0 100.6
134 27.0 0.0 50.2

Manual Integrations
APPROVED

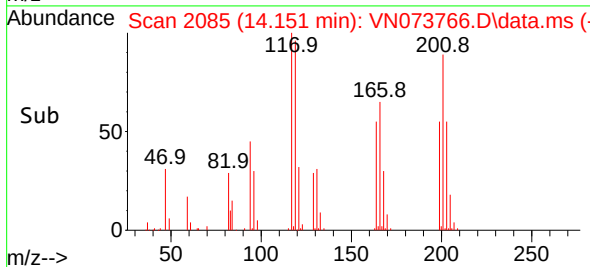
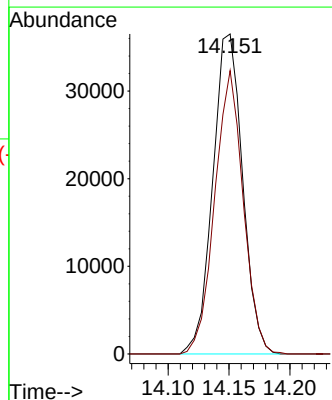
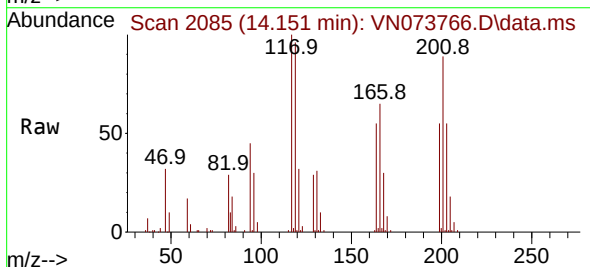
Reviewed By :John
Carlone
08/09/2022

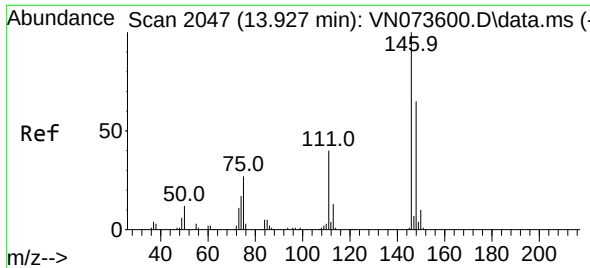
Supervised By :Mahesh
Dadoda
08/09/2022



#86
Hexachloroethane
Concen: 19.863 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

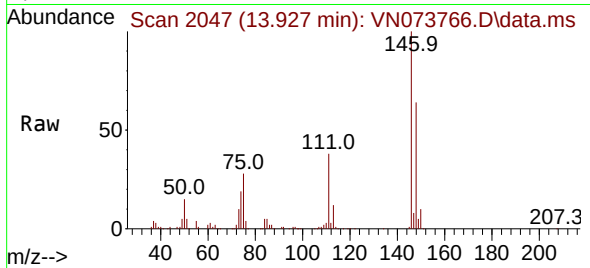
Tgt Ion:117 Resp: 62176
Ion Ratio Lower Upper
117 100
201 84.6 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 21.036 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

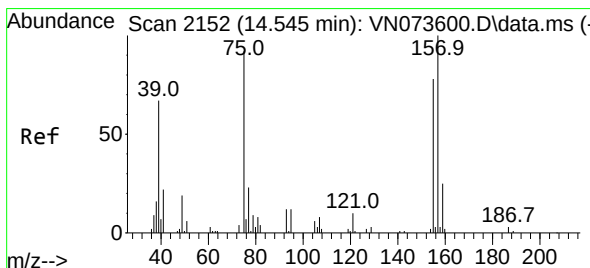
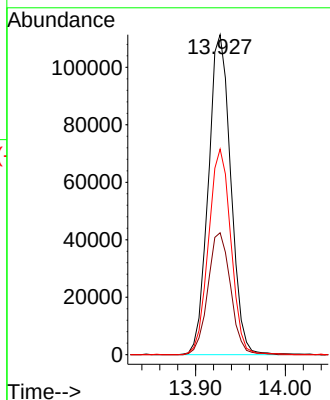
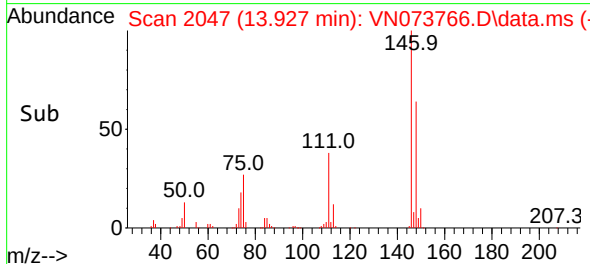


Tgt Ion:146 Resp: 193360
Ion Ratio Lower Upper
146 100
111 38.6 21.4 64.2
148 64.1 32.5 97.4

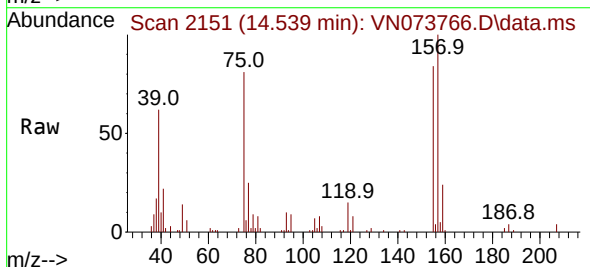
Manual Integrations
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Reviewed By :John
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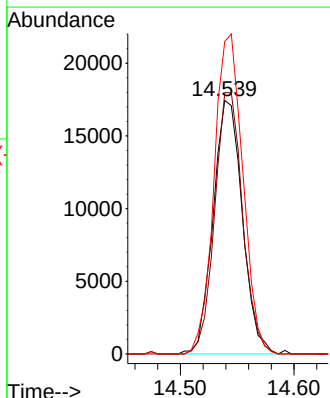
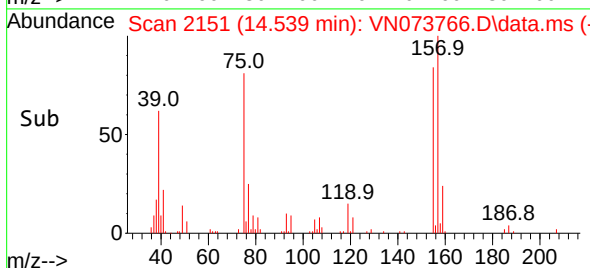
Supervised By :Mahesh
Dadoda
08/09/2022

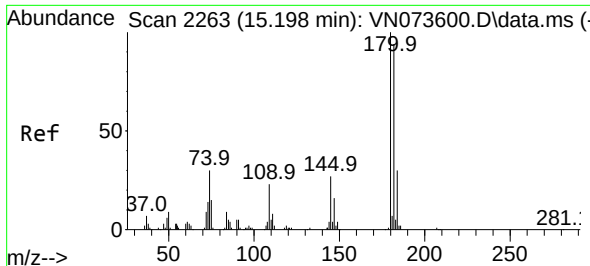


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.242 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08



Tgt Ion: 75 Resp: 31084
Ion Ratio Lower Upper
75 100
155 98.8 63.8 95.8#
157 124.4 77.9 116.9#





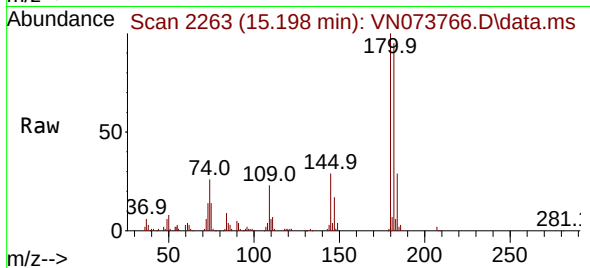
#89
1,2,4-Trichlorobenzene
Concen: 19.637 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:180 Resp: 9934
Ion Ratio Lower Upper
180 100
182 97.1 77.7 116.5
145 29.0 26.6 39.8

Manual Integrations
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Reviewed By :John

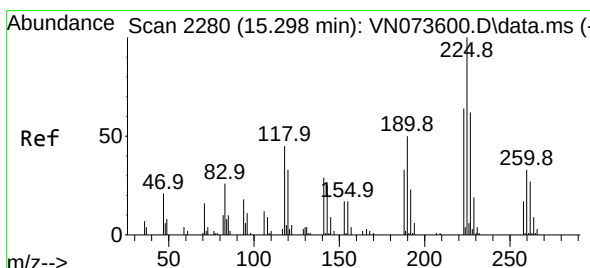
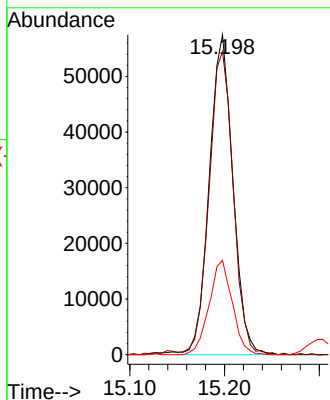
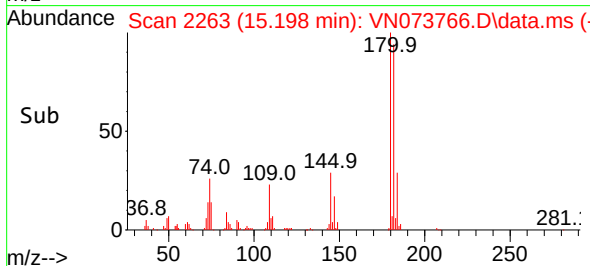
Carlone

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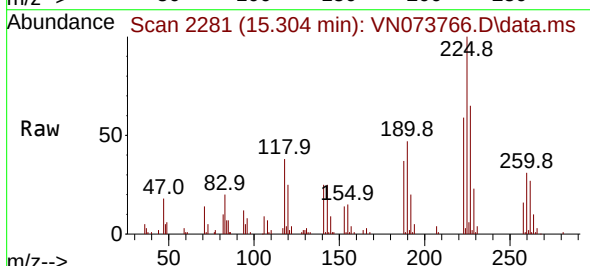
Supervised By :Mahesh

Dadoda

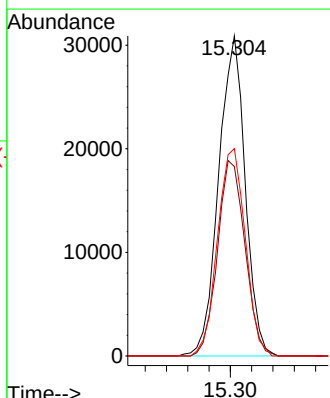
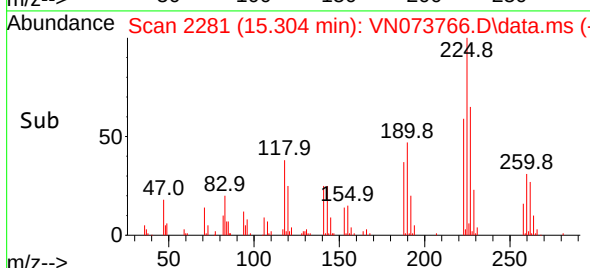
08/09/2022

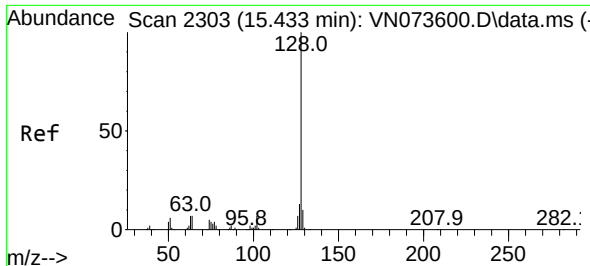


#90
Hexachlorobutadiene
Concen: 20.846 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08



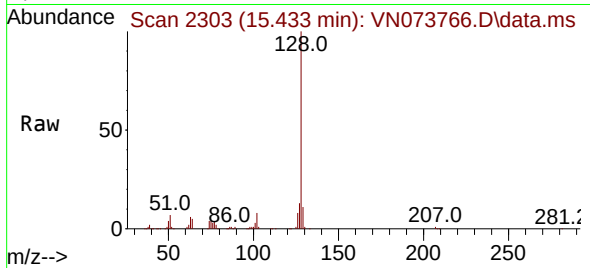
Tgt Ion:225 Resp: 53413
Ion Ratio Lower Upper
225 100
223 63.3 0.0 126.8
227 67.7 0.0 123.0





#91
Naphthalene
Concen: 19.947 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

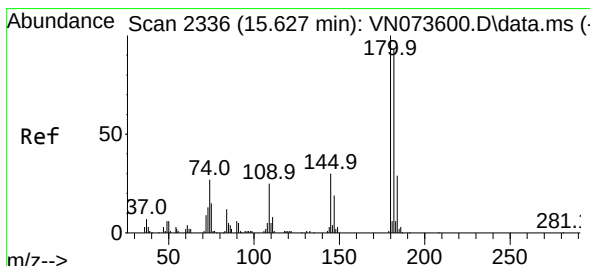
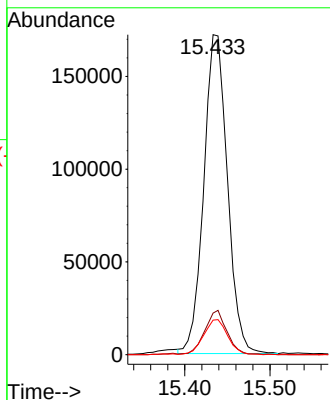
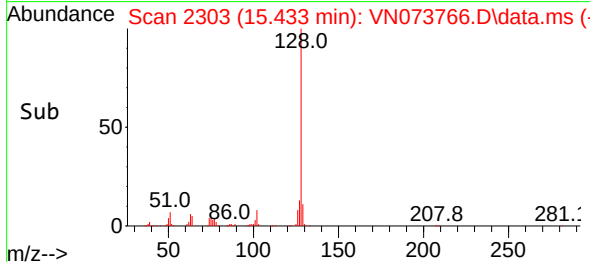


Tgt Ion:128 Resp: 331349
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.3 9.0 13.6

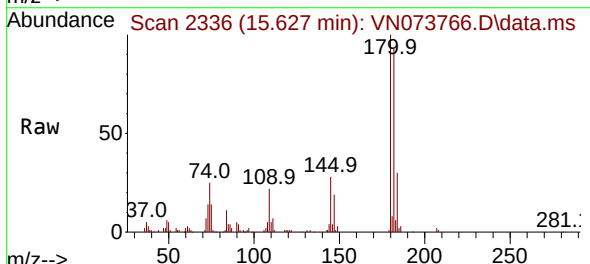
Manual Integrations
APPROVED

Reviewed By :John
Carlone
08/09/2022

Supervised By :Mahesh
Dadoda
08/09/2022



#92
1,2,3-Trichlorobenzene
Concen: 20.865 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073766.D
Acq: 08 Aug 2022 13:08



Tgt Ion:180 Resp: 108433
Ion Ratio Lower Upper
180 100
182 95.4 0.0 190.0
145 29.6 0.0 67.8

