

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092223\
 Data File : VN079334.D
 Acq On : 22 Sep 2023 17:05
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Sep 23 00:41:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 09/25/2023
 Supervised By :Mahesh
 Dadoda
 09/25/2023

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

Internal Standards						
1) Bromochloromethane	7.818	128	34172	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	185004	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	183414	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	85736	33.394	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.300%#			
60) 4-Bromofluorobenzene	12.853	95	80764	29.885	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.600%			
63) Toluene-d8	10.571	98	246987	28.815	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 96.033%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	40174	21.079	ug/l	98
3) Chloromethane	2.365	50	48948	25.613	ug/l	96
4) Vinyl Chloride	2.518	62	57059	30.178	ug/l	94
5) Bromomethane	2.959	94	33072	28.500	ug/l	95
6) Chloroethane	3.124	64	37710	32.566	ug/l #	81
7) Trichlorofluoromethane	3.500	101	71180	31.622	ug/l	94
8) Diethyl Ether	3.959	74	24432	29.603	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	40562	32.699	ug/l	83
10) 1,1-Dichloroethene	4.347	96	37161	30.918	ug/l	98
11) Methyl Iodide	4.594	142	41126	27.163	ug/l	96
12) Methyl Acetate	5.024	43	85674	30.586	ug/l	94
13) Acrolein	4.183	56	30729	120.454	ug/l	97
14) Acrylonitrile	5.724	53	108455	131.977	ug/l	97
15) Acetone	4.430	58	29993	139.912	ug/l	83
16) Carbon Disulfide	4.718	76	101051	28.453	ug/l	100
17) Allyl chloride	5.024	41	55017	28.486	ug/l	94
18) Methylene Chloride	5.277	84	46434	28.803	ug/l #	81
19) trans-1,2-Dichloroethene	5.794	96	42311	28.136	ug/l	95
20) Diisopropyl ether	6.671	45	146513	25.411	ug/l #	89
21) 1,1-Dichloroethane	6.571	63	87083	25.781	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	49082	20.870	ug/l	93
23) tert-Butyl Alcohol	5.524	59	32455m	102.664	ug/l	
24) Methyl tert-Butyl Ether	5.794	73	127077	26.789	ug/l #	81
25) Chloroform	7.971	83	90376	22.189	ug/l	98
26) Cyclohexane	8.265	56	62927	20.544	ug/l #	96
29) 1,1-Dichloropropene	8.377	75	62678	21.131	ug/l	97
30) 2-Butanone	7.482	43	142430	95.467	ug/l	96
31) 2,2-Dichloropropane	7.494	77	66857	22.597	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	75984	21.744	ug/l	96
33) Carbon Tetrachloride	8.371	117	63663	21.208	ug/l	96
34) Benzene	8.612	78	192025	20.376	ug/l	98
35) Methacrylonitrile	7.777	41	31463	19.586	ug/l	88
36) 1,2-Dichloroethane	8.671	62	70493	22.681	ug/l	96
37) Trichloroethene	9.353	130	44568	20.008	ug/l	93
38) Methylcyclohexane	9.606	83	58886	19.858	ug/l	98
39) 1,2-Dichloropropane	9.624	63	51722	21.276	ug/l	96
40) Dibromomethane	9.712	93	33837	21.107	ug/l	92
41) Bromodichloromethane	9.888	83	70836	22.166	ug/l #	95
42) Vinyl Acetate	6.606	43	412403	116.394	ug/l	96

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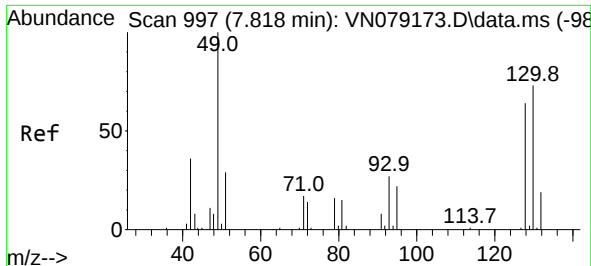
Reviewed By :John
 Carlone
 09/25/2023

Supervised By :Mahesh
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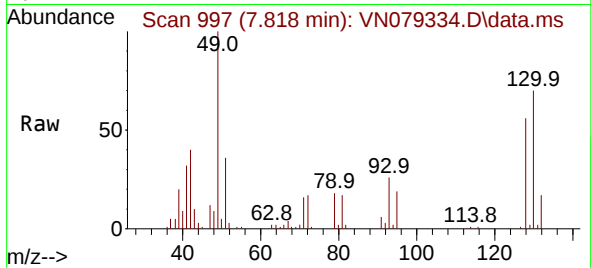
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	61035	21.541	ug/l	99
44) Isopropyl Acetate	8.694	43	100487	19.715	ug/l	96
45) 1,4-Dioxane	9.700	88	16505	325.309	ug/l #	96
46) Methyl methacrylate	9.688	41	45844	20.131	ug/l	88
47) n-amyl Acetate	12.500	43	76003	21.202	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	68516	19.817	ug/l	91
49) cis-1,3-Dichloropropene	10.318	75	77144	21.391	ug/l #	91
50) 1,1,2-Trichloroethane	11.018	97	47791	21.250	ug/l	96
51) Ethyl methacrylate	10.876	69	61207	17.622	ug/l #	87
52) 1,3-Dichloropropane	11.165	76	79850	20.797	ug/l	100
53) Dibromochloromethane	11.359	129	49038	20.789	ug/l	100
54) 1,2-Dibromoethane	11.470	107	45454	19.903	ug/l	95
55) 2-Chloroethyl vinyl ether	10.165	63	149957	121.506	ug/l	99
56) Bromoform	12.582	173	32933	20.037	ug/l	96
58) 4-Methyl-2-Pentanone	10.447	43	305331	90.717	ug/l	94
59) 2-Hexanone	11.200	43	206250	87.256	ug/l	95
61) Tetrachloroethene	11.106	164	37536	18.808	ug/l	95
62) Toluene	10.635	91	202334	18.946	ug/l	100
64) Chlorobenzene	11.894	112	126099	20.240	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	49908	20.924	ug/l	98
66) Ethyl Benzene	11.965	91	222653	20.707	ug/l	96
67) m/p-Xylenes	12.076	106	169997	42.017	ug/l	100
68) o-Xylene	12.400	106	80881	20.729	ug/l	99
69) Styrene	12.417	104	129251	20.768	ug/l	98
70) Isopropylbenzene	12.700	105	206144	20.785	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	72321	19.493	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	54994m	17.616	ug/l	
73) Bromobenzene	12.982	156	47262	19.077	ug/l	97
74) n-propylbenzene	13.041	91	253972	22.475	ug/l	98
75) 2-Chlorotoluene	13.129	91	156945	21.660	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	183531	22.380	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	18568	16.894	ug/l	88
78) 4-Chlorotoluene	13.223	91	149025	21.781	ug/l	98
79) tert-butylbenzene	13.441	119	142915	21.232	ug/l	94
80) 1,2,4-Trimethylbenzene	13.488	105	180909	23.100	ug/l	96
81) sec-Butylbenzene	13.617	105	205765	22.342	ug/l	98
82) p-Isopropyltoluene	13.735	119	164524	22.616	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	85093	21.627	ug/l	100
84) 1,4-Dichlorobenzene	13.817	146	78895	21.380	ug/l	99
85) n-Butylbenzene	14.059	91	127538	23.018	ug/l	96
86) Hexachloroethane	14.335	117	32404	22.497	ug/l	96
87) 1,2-Dichlorobenzene	14.111	146	84845	21.851	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	9989	15.928	ug/l	93
89) 1,2,4-Trichlorobenzene	15.841	180	25337	15.249	ug/l	97
90) Hexachlorobutadiene	15.500	225	16613	16.461	ug/l	96
91) Naphthalene	15.647	128	56061	12.912	ug/l #	97
92) 1,2,3-Trichlorobenzene	15.841	180	25337	15.249	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
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MSVOA_N
ClientSampleId :
VSTDCCC020EC

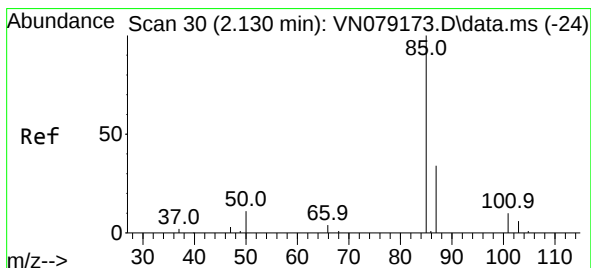
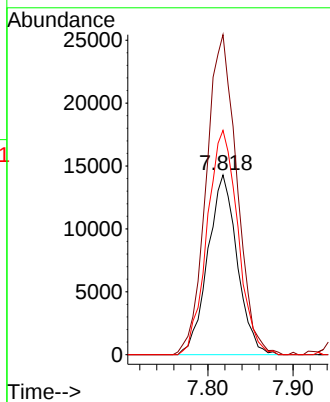
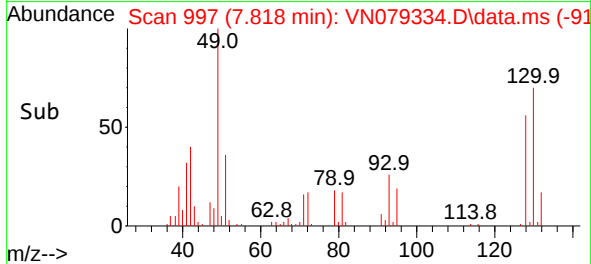


Tgt Ion:128 Resp: 34172
Ion Ratio Lower Upper
128 100
49 185.7 0.0 414.3
130 131.1 0.0 311.0

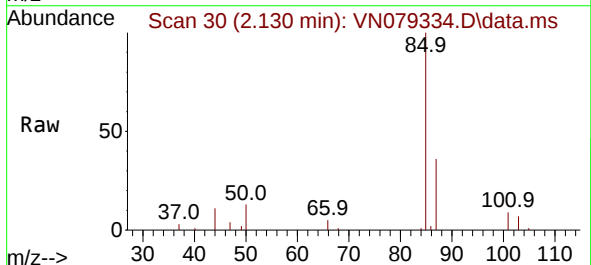
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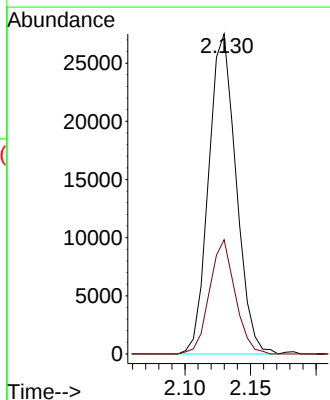
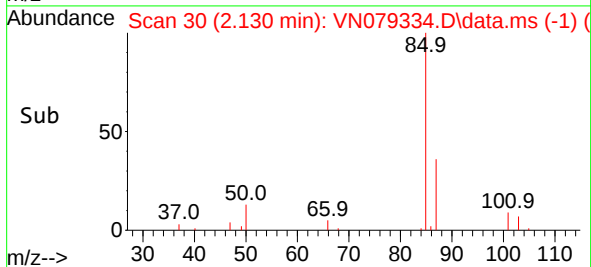
Supervised By :Mahesh
Dadoda
09/25/2023

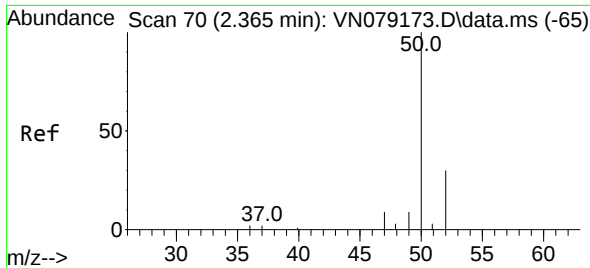


#2
Dichlorodifluoromethane
Concen: 21.079 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05



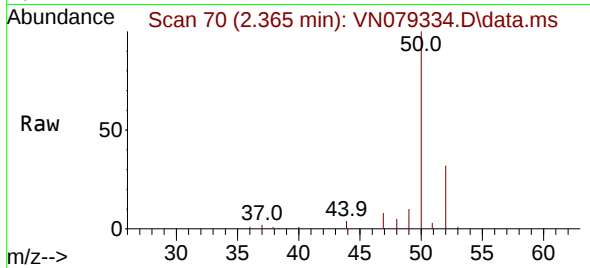
Tgt Ion: 85 Resp: 40174
Ion Ratio Lower Upper
85 100
87 35.7 17.3 51.7





#3
Chloromethane
Concen: 25.613 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

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MSVOA_N
ClientSampleId :
VSTDCCC020EC

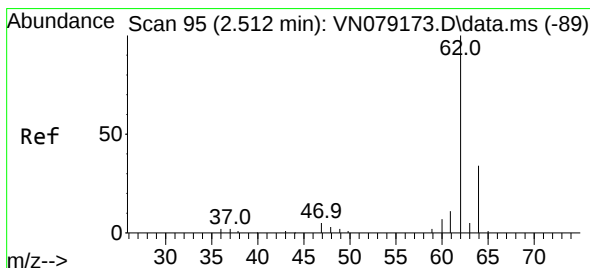
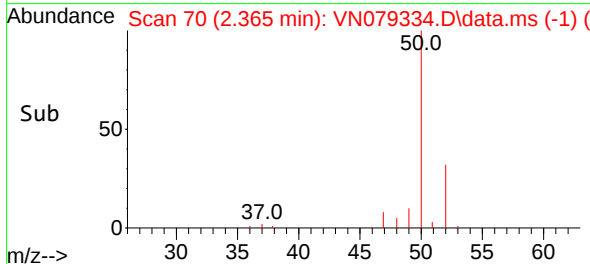
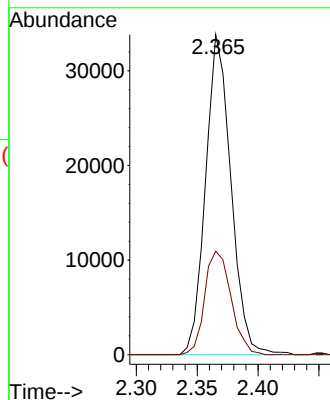


Tgt Ion: 50 Resp: 48948
Ion Ratio Lower Upper
50 100
52 32.4 24.0 36.0

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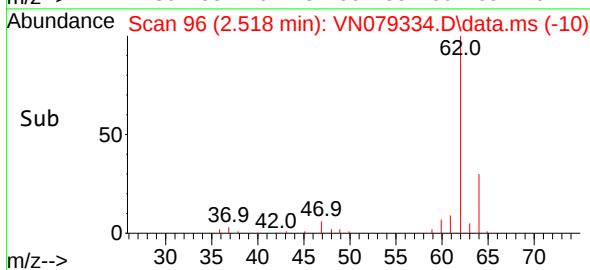
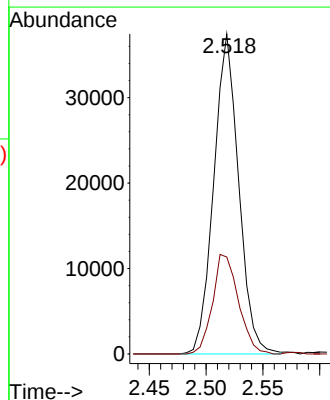
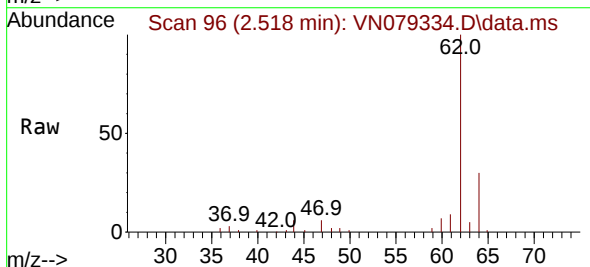
Reviewed By :John
Carlone
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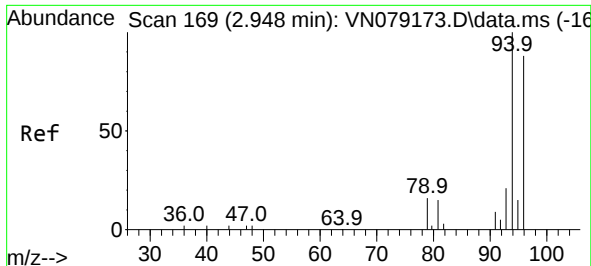
Supervised By :Mahesh
Dadoda
09/25/2023



#4
Vinyl Chloride
Concen: 30.178 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

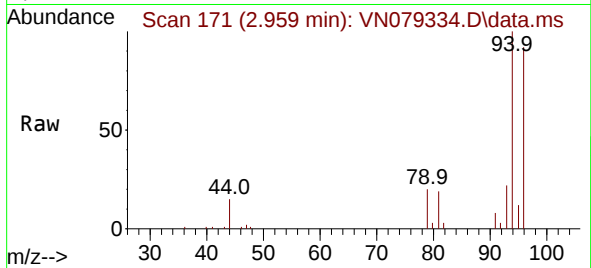
Tgt Ion: 62 Resp: 57059
Ion Ratio Lower Upper
62 100
64 30.3 27.1 40.7





#5
Bromomethane
Concen: 28.500 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :
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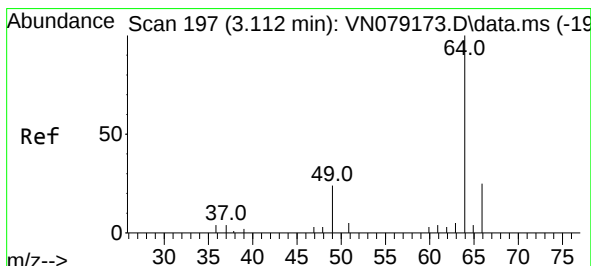
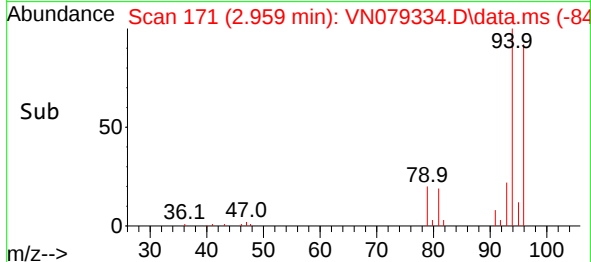
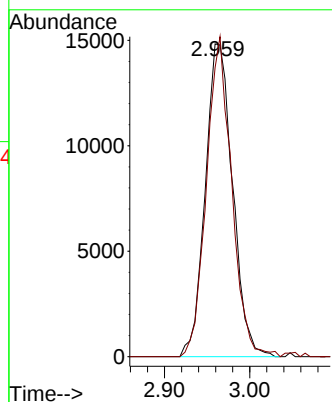


Tgt Ion: 94 Resp: 33072
Ion Ratio Lower Upper
94 100
96 92.4 70.6 105.8

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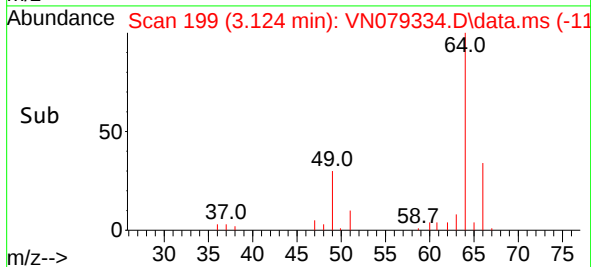
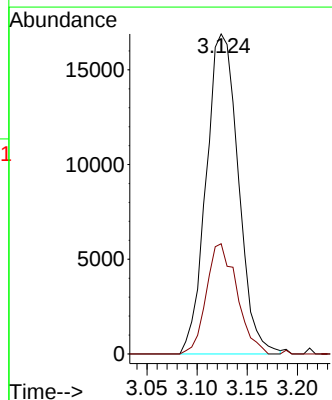
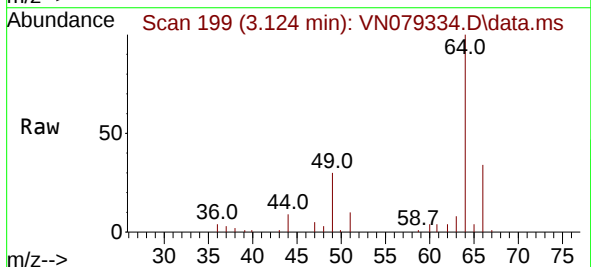
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Carlone
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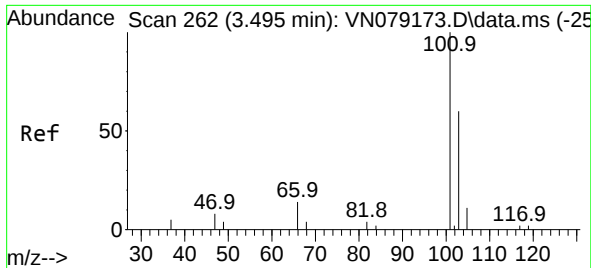
Supervised By :Mahesh
Dadoda
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#6
Chloroethane
Concen: 32.566 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion: 64 Resp: 37710
Ion Ratio Lower Upper
64 100
66 34.5 20.1 30.1#





#7
 Trichlorofluoromethane
 Concen: 31.622 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.005 min
 Lab File: VN079334.D
 Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:101 Resp: 71180
 Ion Ratio Lower Upper
 101 100
 103 64.7 48.2 72.4

Manual Integrations
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Reviewed By :John

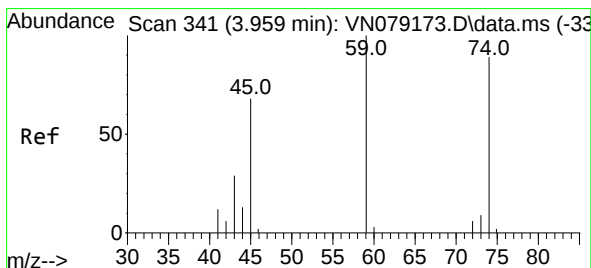
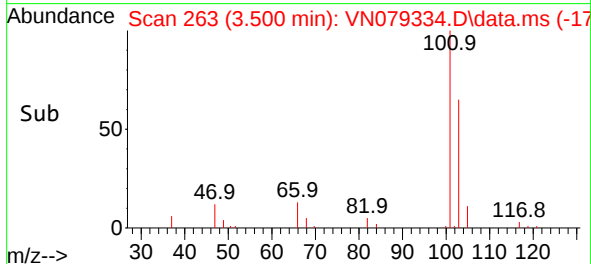
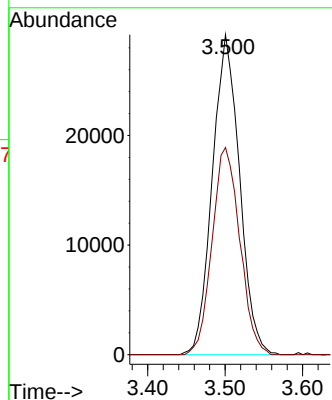
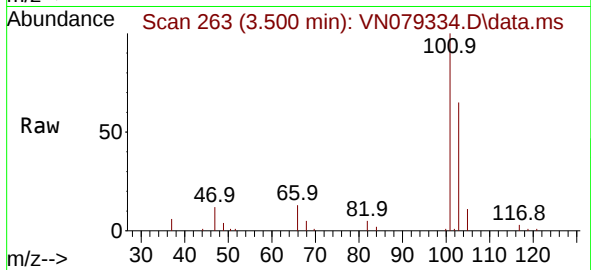
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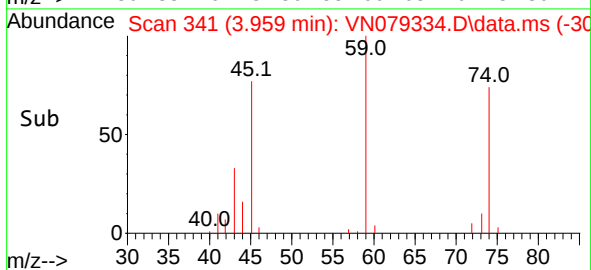
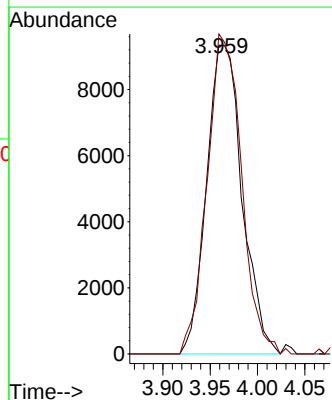
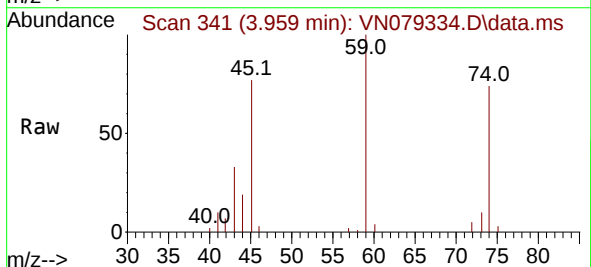
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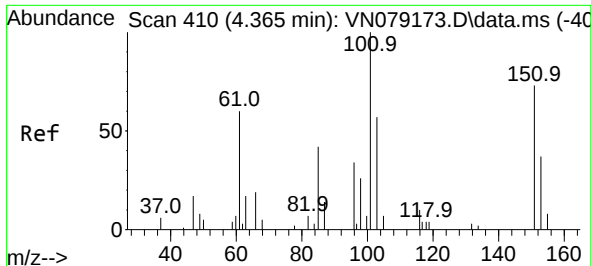
09/25/2023



#8
 Diethyl Ether
 Concen: 29.603 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN079334.D
 Acq: 22 Sep 2023 17:05

Tgt Ion: 74 Resp: 24432
 Ion Ratio Lower Upper
 74 100
 45 99.8 17.6 158.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 32.699 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

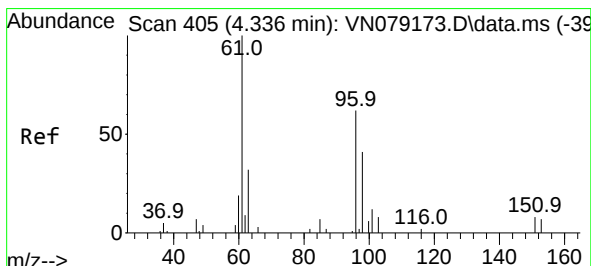
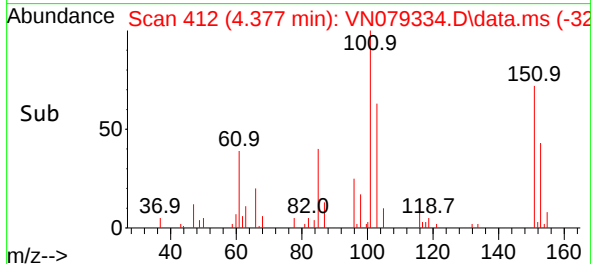
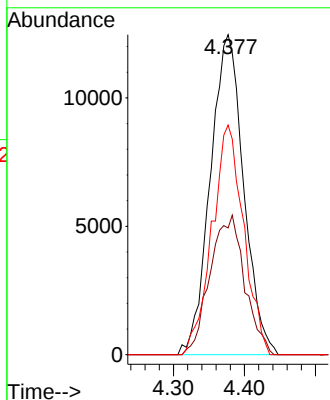
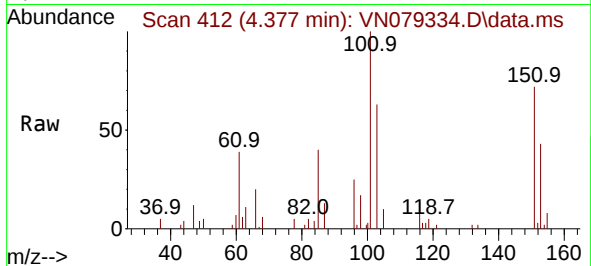
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VSTDCCC020EC

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Ion Ratio Lower Upper
101 100
85 25.6 0.0 85.6
151 68.1 0.0 155.8

Manual Integrations
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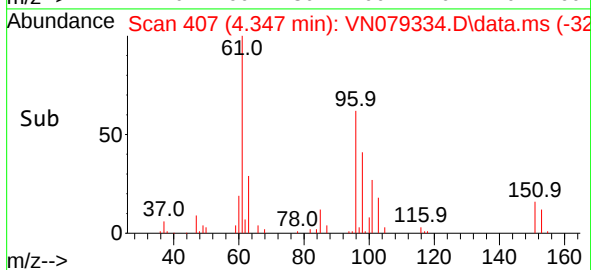
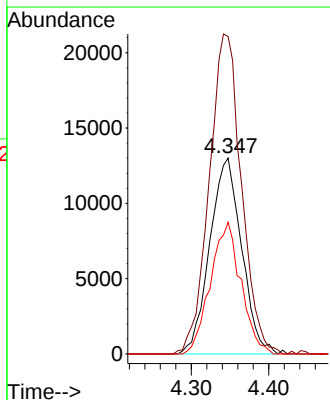
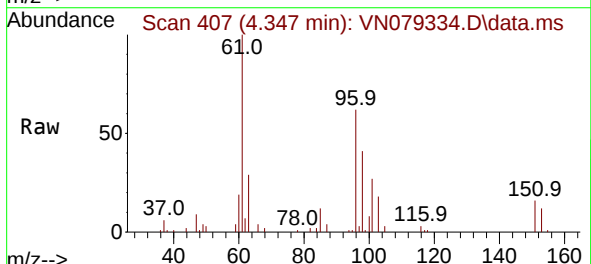
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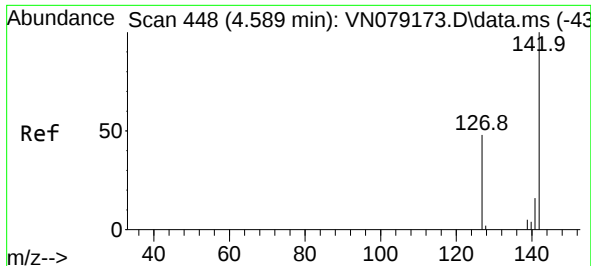
Supervised By :Mahesh
Dadoda
09/25/2023



#10
1,1-Dichloroethene
Concen: 30.918 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.011 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion: 96 Resp: 37161
Ion Ratio Lower Upper
96 100
61 160.5 130.2 195.2
98 67.2 52.3 78.5





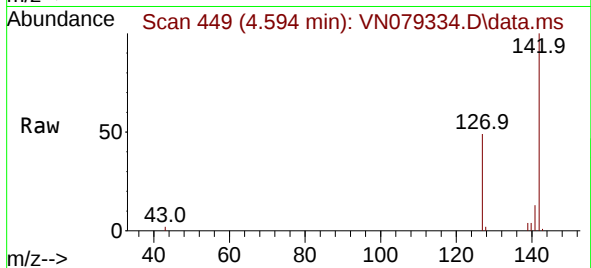
#11
Methyl Iodide
Concen: 27.163 ug/l
RT: 4.594 min Scan# 448
Delta R.T. 0.005 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:142 Resp: 41120
Ion Ratio Lower Upper
142 100
127 48.9 23.8 71.4
141 12.8 8.2 24.6

Manual Integrations
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Reviewed By :John

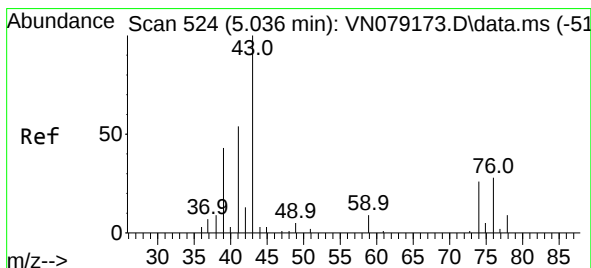
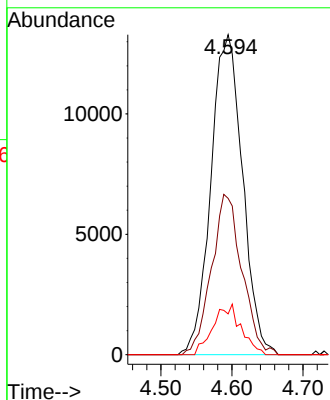
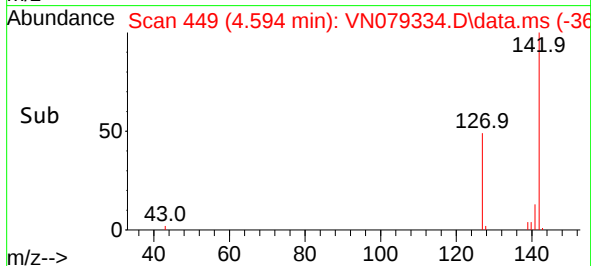
Carlone

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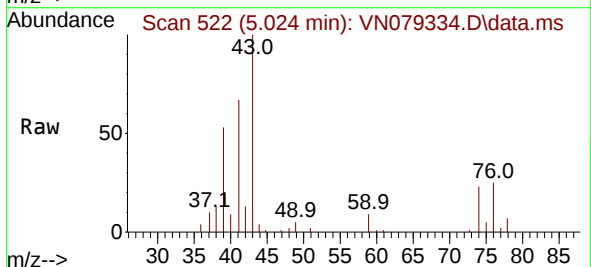
Supervised By :Mahesh

Dadoda

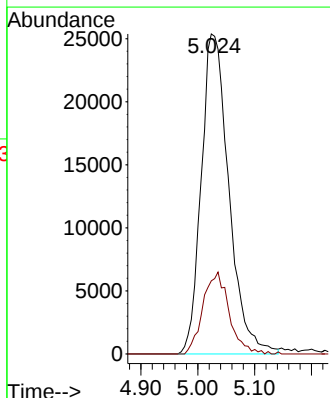
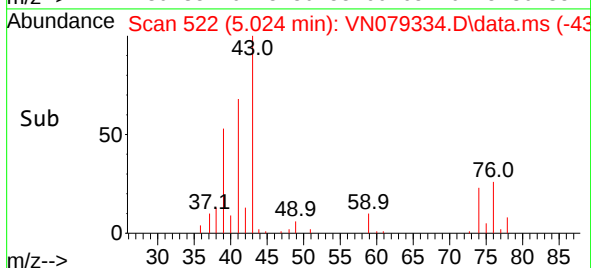
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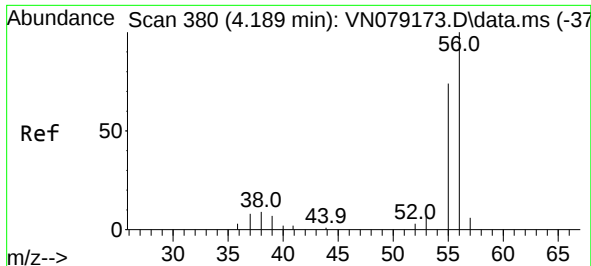


#12
Methyl Acetate
Concen: 30.586 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.012 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05



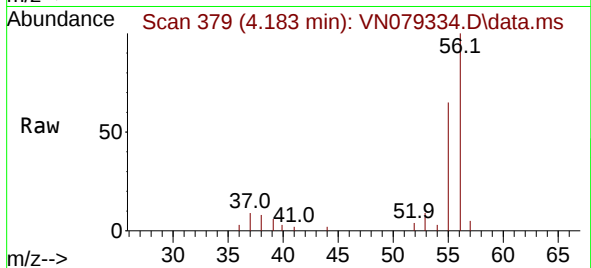
Tgt Ion: 43 Resp: 85674
Ion Ratio Lower Upper
43 100
74 22.7 20.4 30.6





#13
Acrolein
Concen: 120.454 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

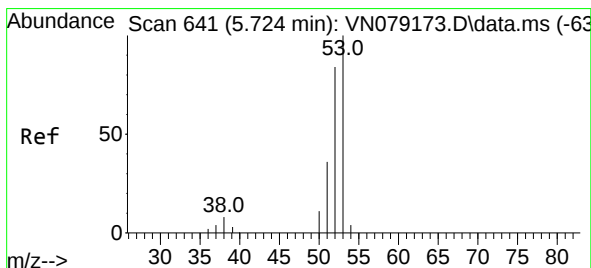
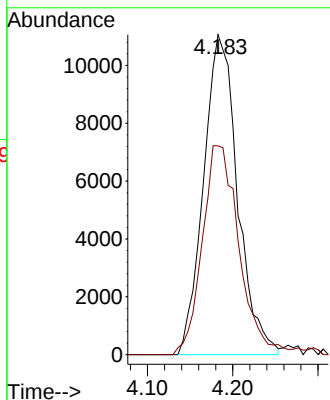
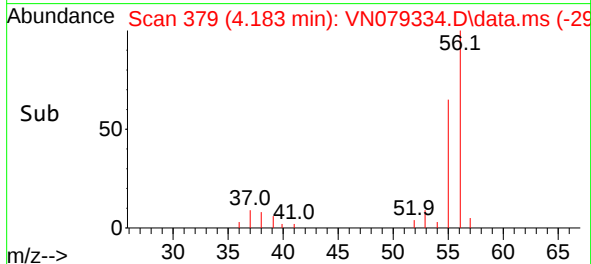
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 30729
Ion Ratio Lower Upper
56 100
55 69.5 57.7 86.5

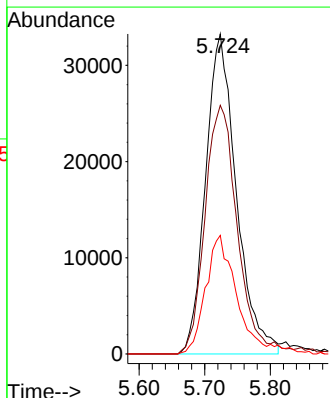
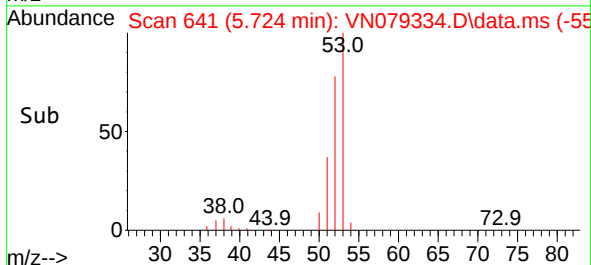
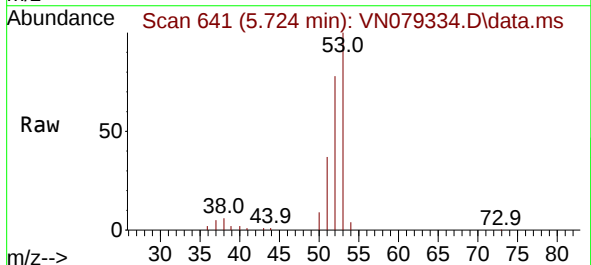
Manual Integrations
APPROVED

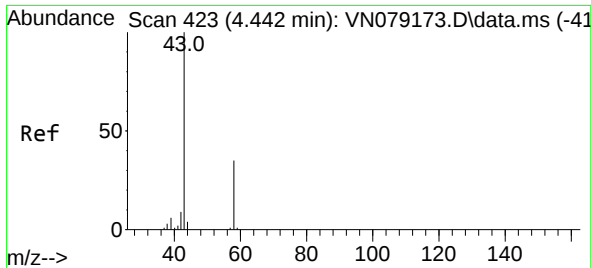
Reviewed By :John
Carlone
09/25/2023
Supervised By :Mahesh
Dadoda
09/25/2023



#14
Acrylonitrile
Concen: 131.977 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

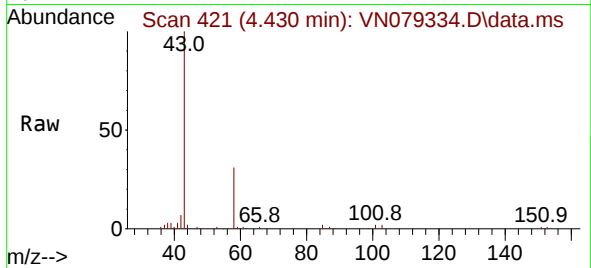
Tgt Ion: 53 Resp: 108455
Ion Ratio Lower Upper
53 100
52 80.4 41.4 124.4
51 36.3 17.3 51.9





#15
Acetone
Concen: 139.912 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

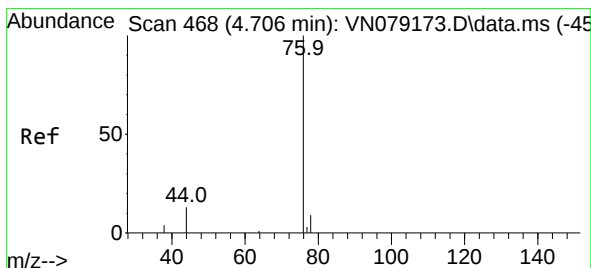
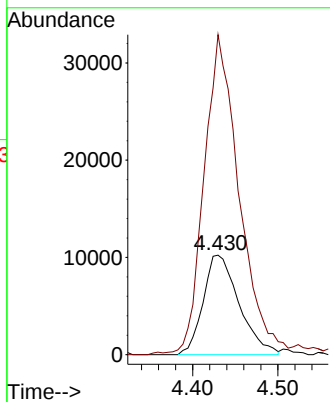
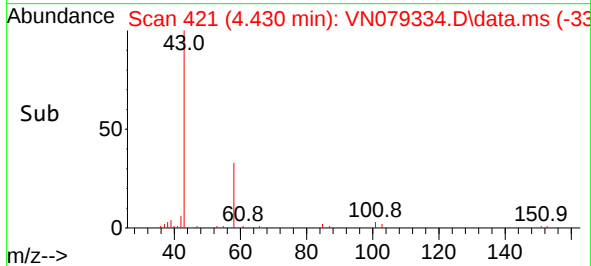
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 2999
Ion Ratio Lower Upper
58 100
43 316.8 228.3 342.5

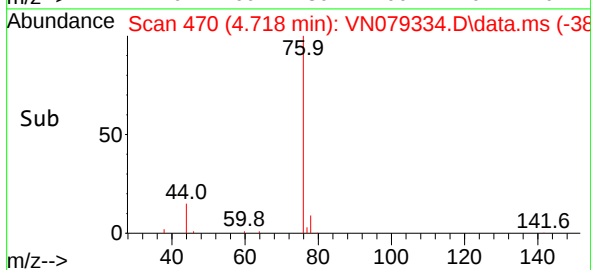
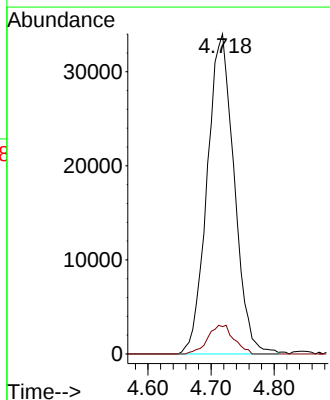
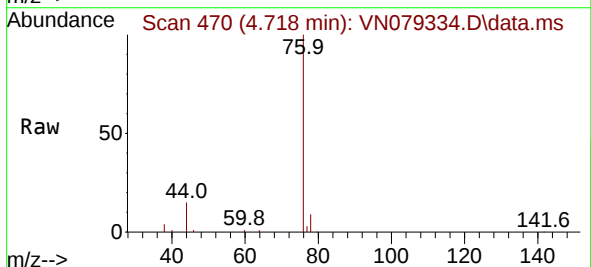
Manual Integrations
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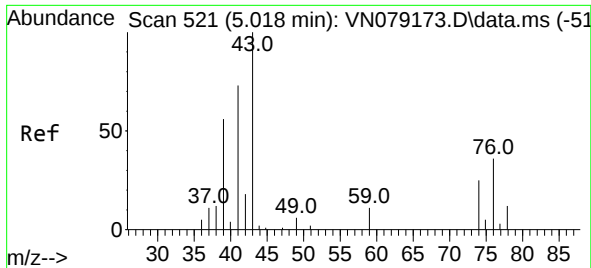
Reviewed By :John
Carlone
09/25/2023
Supervised By :Mahesh
Dadoda
09/25/2023



#16
Carbon Disulfide
Concen: 28.453 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.012 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion: 76 Resp: 101051
Ion Ratio Lower Upper
76 100
78 8.5 6.9 10.3





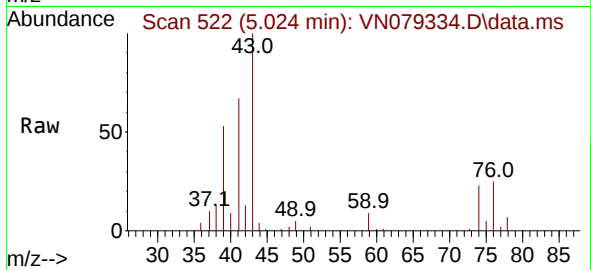
#17
 Allyl chloride
 Concen: 28.486 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079334.D
 Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 41 Resp: 5501
 Ion Ratio Lower Upper
 41 100
 39 77.6 38.3 114.8
 76 38.4 23.7 71.1

Manual Integrations

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Reviewed By :John

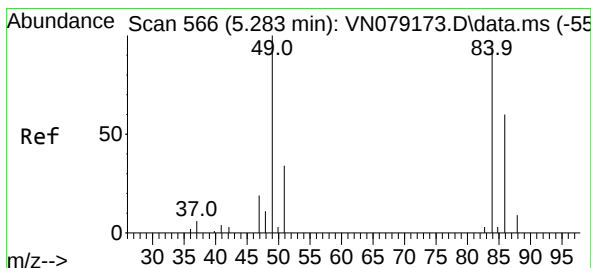
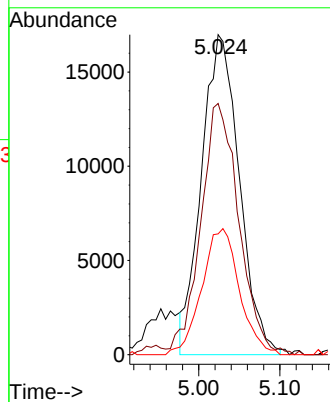
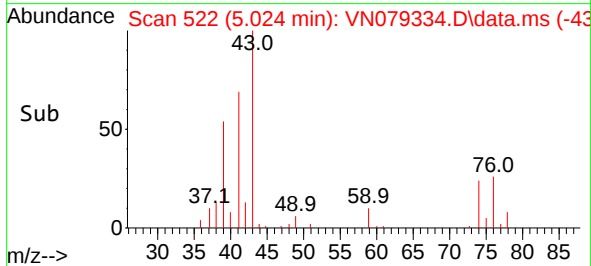
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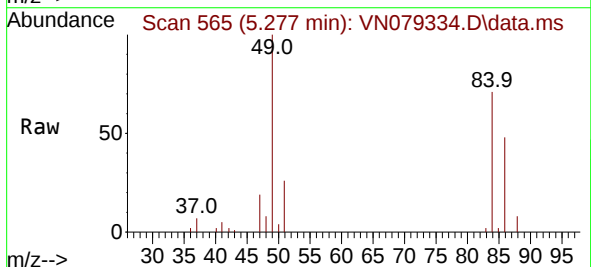
Supervised By :Mahesh

Dadoda

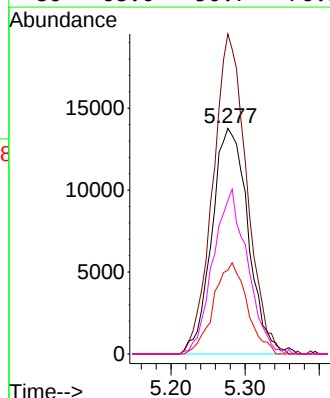
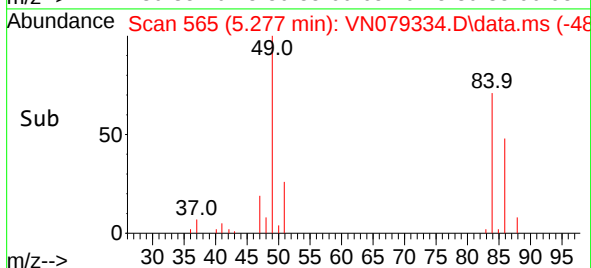
09/25/2023

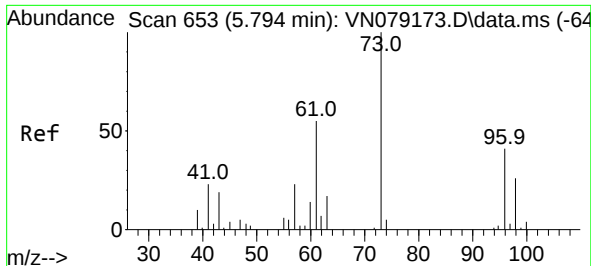


#18
 Methylene Chloride
 Concen: 28.803 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079334.D
 Acq: 22 Sep 2023 17:05



Tgt Ion: 84 Resp: 46434
 Ion Ratio Lower Upper
 84 100
 49 141.8 86.9 130.3#
 51 37.1 28.6 43.0
 86 68.0 50.7 76.1





#19

trans-1,2-Dichloroethene

Concen: 28.136 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN079334.D

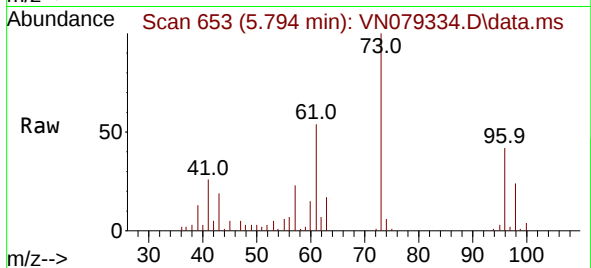
Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 96 Resp: 4231

Ion Ratio Lower Upper

96 100

61 127.9 106.6 159.8

98 58.2 51.0 76.4

Manual Integrations

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Reviewed By :John

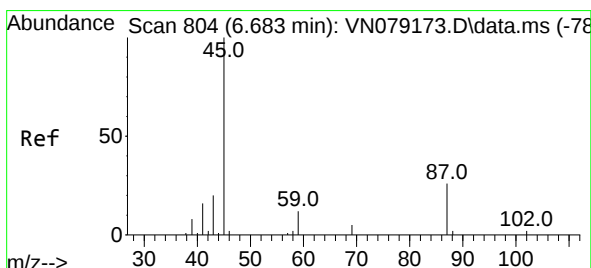
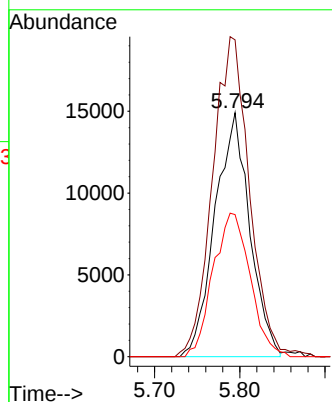
Carlone

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Supervised By :Mahesh

Dadoda

09/25/2023



#20

Diisopropyl ether

Concen: 25.411 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.012 min

Lab File: VN079334.D

Acq: 22 Sep 2023 17:05

Tgt Ion: 45 Resp: 146513

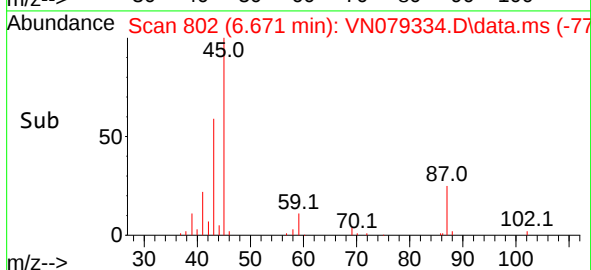
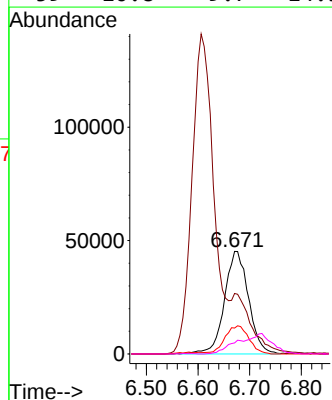
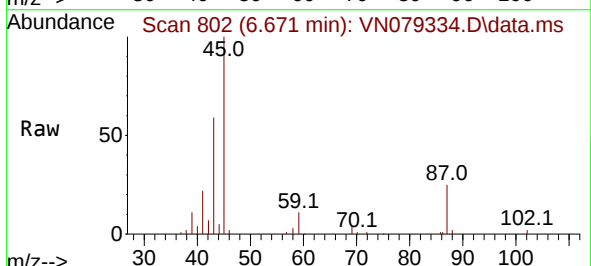
Ion Ratio Lower Upper

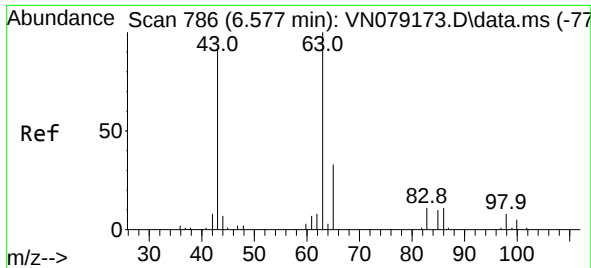
45 100

43 55.5 34.9 52.3#

87 25.4 21.5 32.3

59 10.8 9.7 14.5





#21
1,1-Dichloroethane
Concen: 25.781 ug/l
RT: 6.571 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

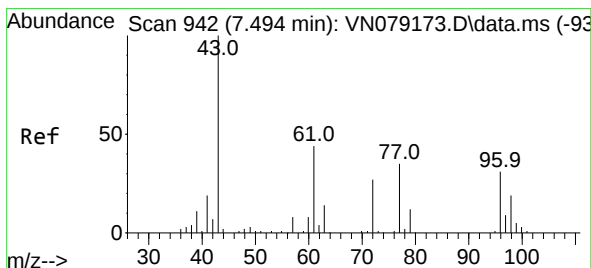
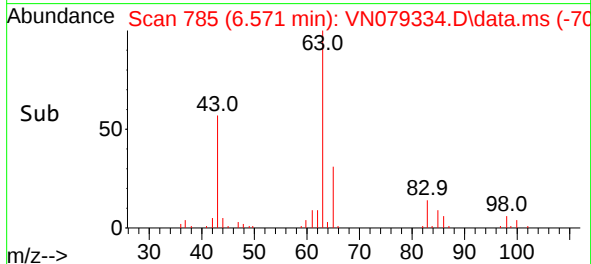
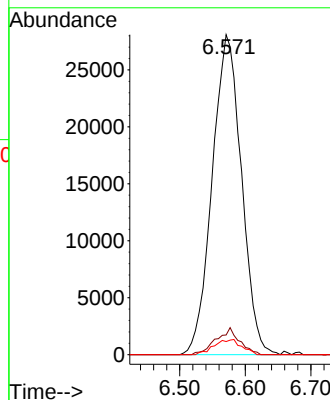
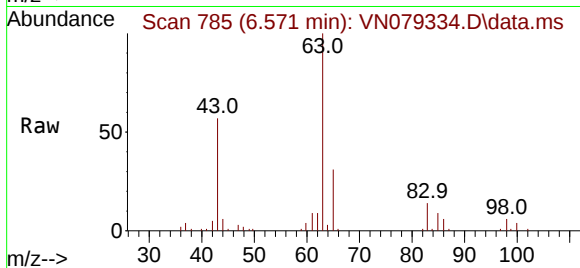
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 8708
Ion Ratio Lower Upper
63 100
98 6.2 3.9 11.5
100 4.1 2.5 7.5

Manual Integrations
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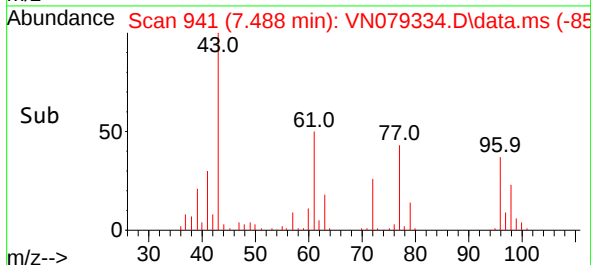
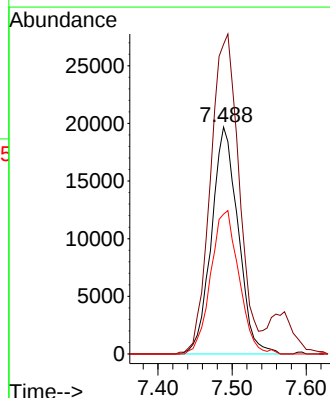
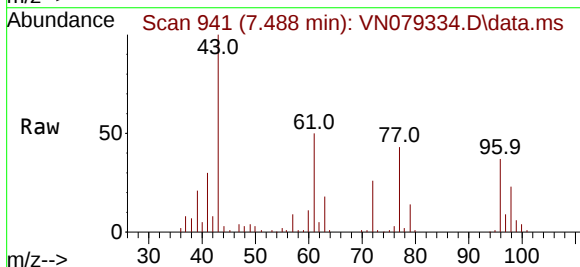
Reviewed By :John
Carlone
09/25/2023

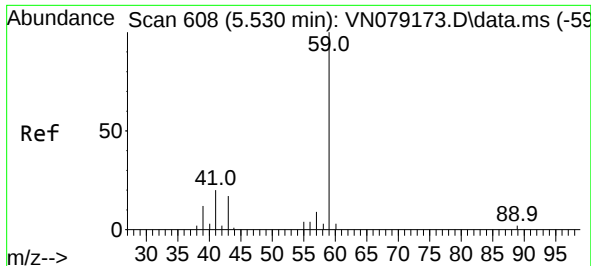
Supervised By :Mahesh
Dadoda
09/25/2023



#22
cis-1,2-Dichloroethene
Concen: 20.870 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion: 96 Resp: 49082
Ion Ratio Lower Upper
96 100
61 150.7 113.0 169.6
98 66.3 50.2 75.4





#23
tert-Butyl Alcohol
Concen: 102.664 ug/l m
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

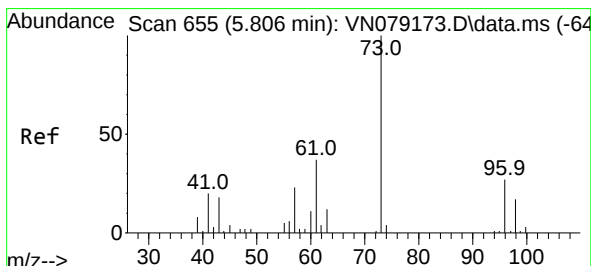
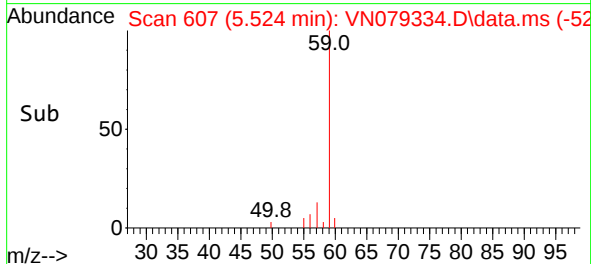
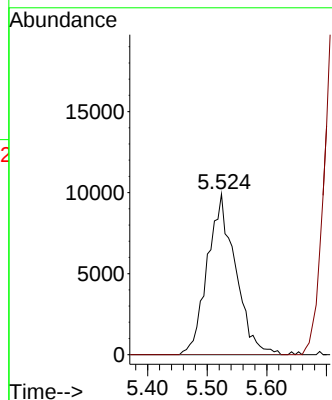
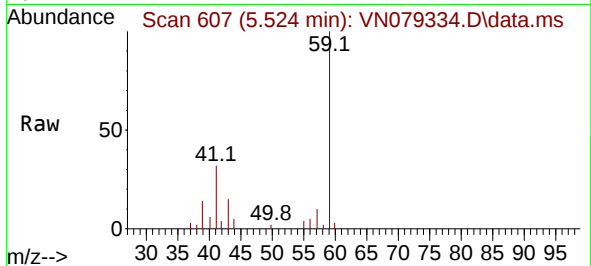
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 3245
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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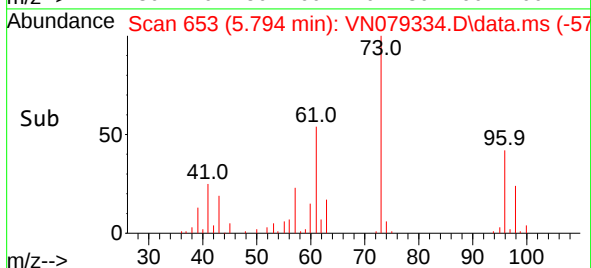
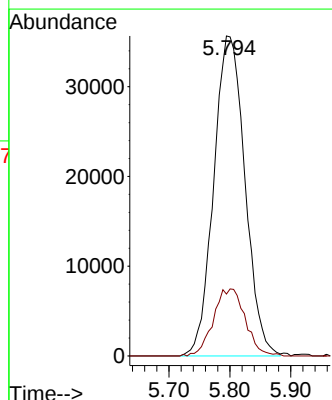
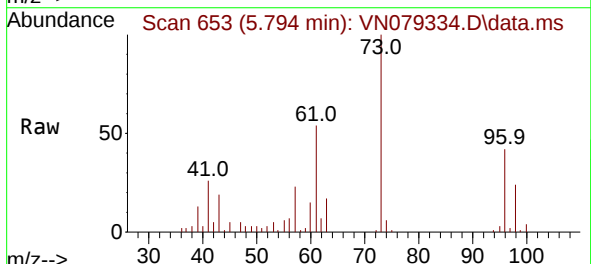
Reviewed By :John
Carlone
09/25/2023

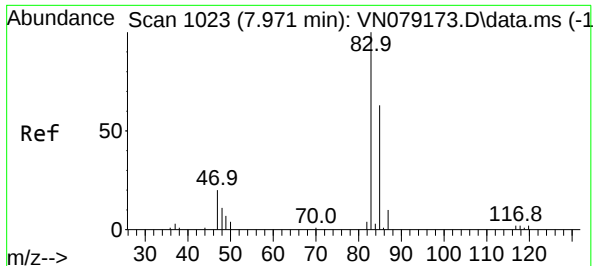
Supervised By :Mahesh
Dadoda
09/25/2023



#24
Methyl tert-Butyl Ether
Concen: 26.789 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.012 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion: 73 Resp: 127077
Ion Ratio Lower Upper
73 100
43 9.9 14.7 22.1#





#25

Chloroform

Concen: 22.189 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079334.D

Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 90370
 Ion Ratio Lower Upper
 83 100
 85 64.7 50.6 76.0

Manual Integrations
 APPROVED

Reviewed By :John

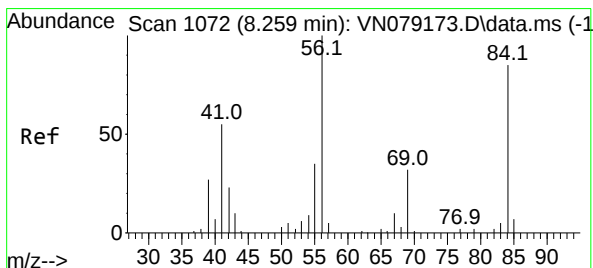
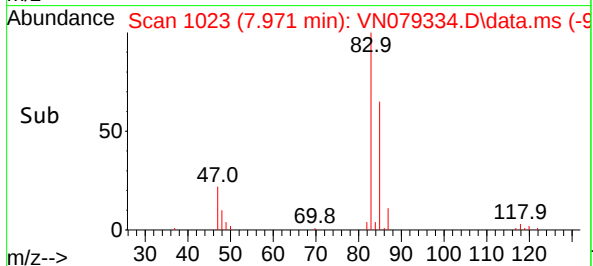
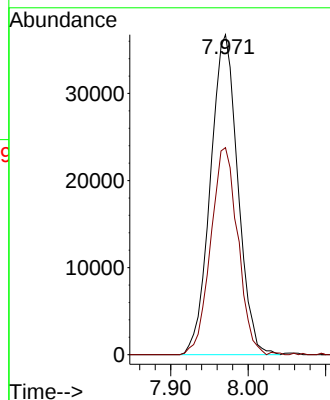
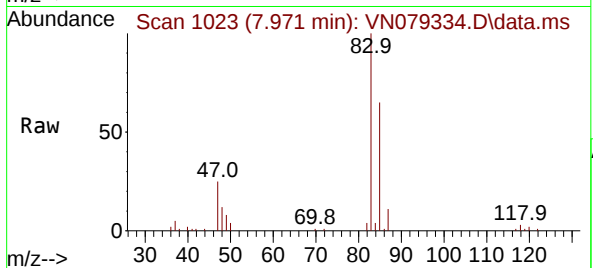
Carlone

09/25/2023

Supervised By :Mahesh

Dadoda

09/25/2023



#26

Cyclohexane

Concen: 20.544 ug/l

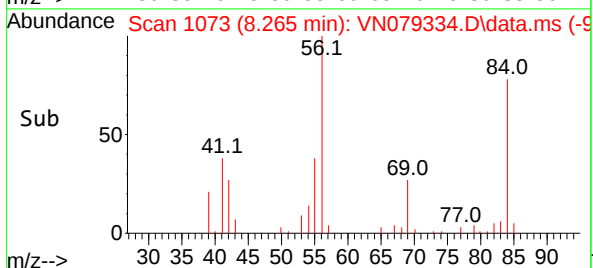
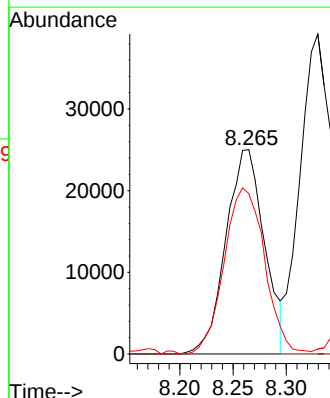
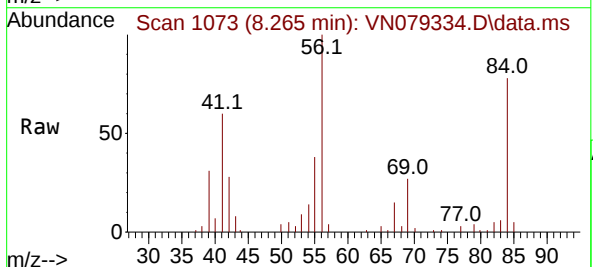
RT: 8.265 min Scan# 1073

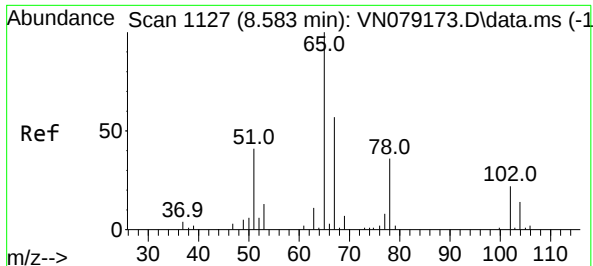
Delta R.T. 0.006 min

Lab File: VN079334.D

Acq: 22 Sep 2023 17:05

Tgt Ion: 56 Resp: 62927
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 85.6 71.1 106.7





#27
1,2-Dichloroethane-d4
Concen: 33.394 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 85730
Ion Ratio Lower Upper
65 100
67 53.2 44.4 66.6

Manual Integrations
APPROVED

Reviewed By :John

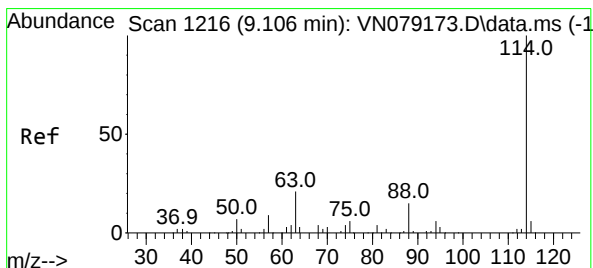
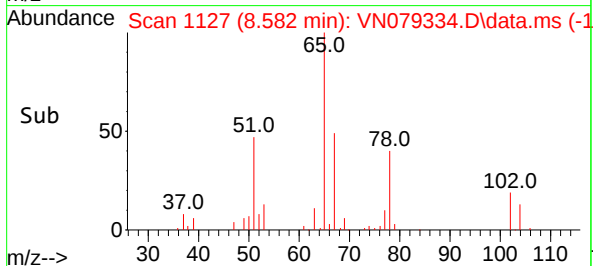
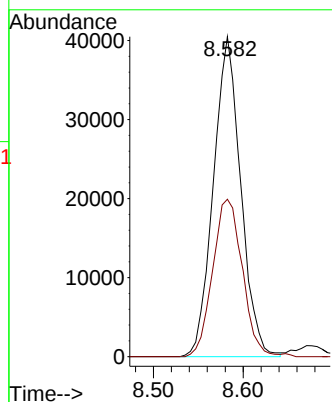
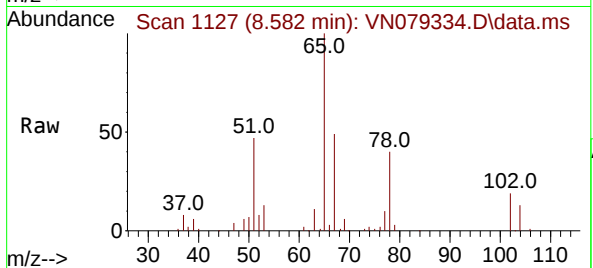
Carlone

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Supervised By :Mahesh

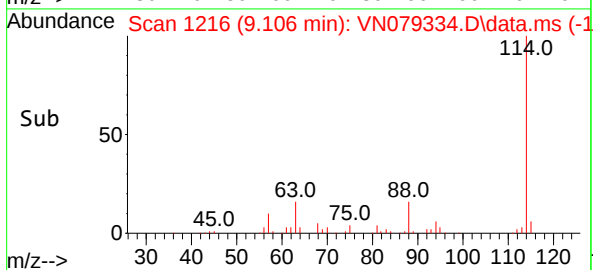
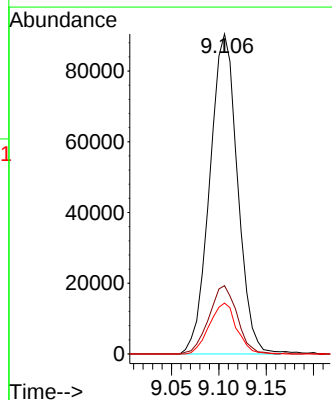
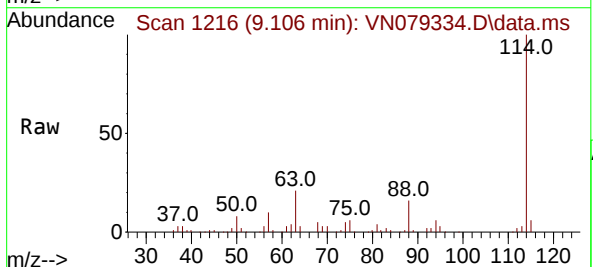
Dadoda

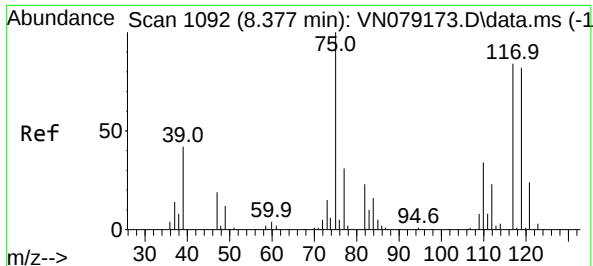
09/25/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion:114 Resp: 185004
Ion Ratio Lower Upper
114 100
63 21.6 17.0 25.4
88 15.6 12.8 19.2





#29
1,1-Dichloropropene
Concen: 21.131 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 62678
Ion Ratio Lower Upper
75 100
110 32.2 0.0 68.4
77 30.1 0.0 63.2

Manual Integrations
APPROVED

Reviewed By :John

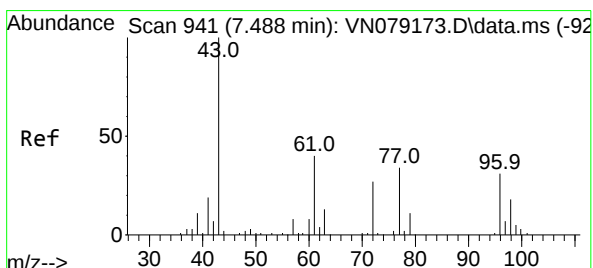
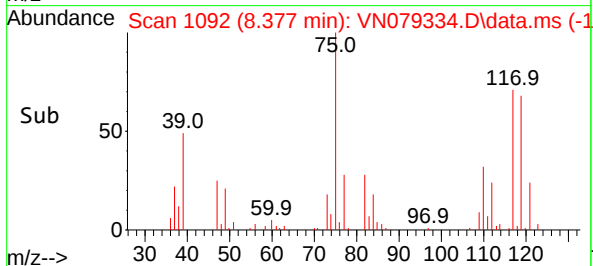
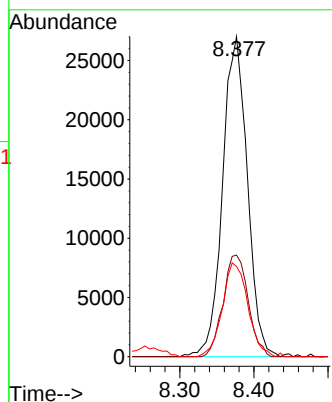
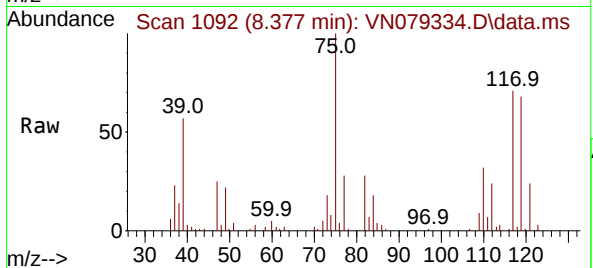
Carlone

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Supervised By :Mahesh

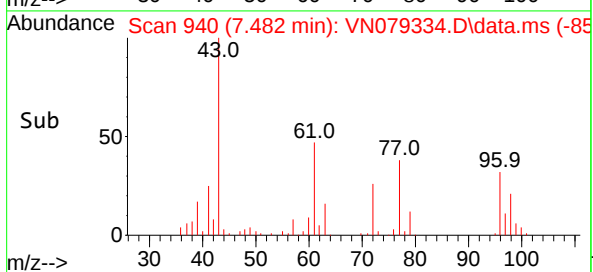
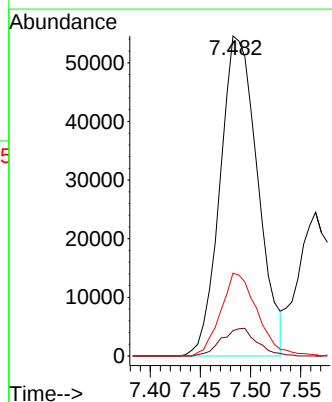
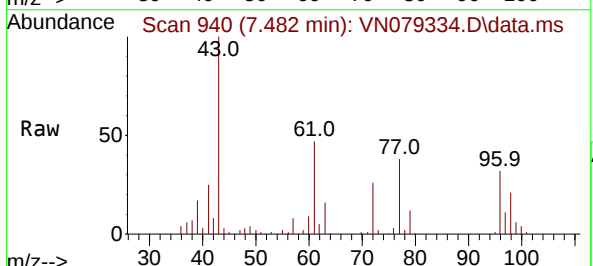
Dadoda

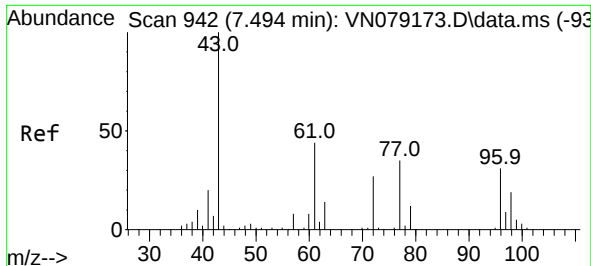
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#30
2-Butanone
Concen: 95.467 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion: 43 Resp: 142430
Ion Ratio Lower Upper
43 100
57 8.2 6.8 10.2
72 25.3 22.4 33.6





#31

2,2-Dichloropropane

Concen: 22.597 ug/l

RT: 7.494 min Scan# 94

Delta R.T. 0.000 min

Lab File: VN079334.D

Acq: 22 Sep 2023 17:05

Tgt Ion: 77 Resp: 6685

Ion Ratio Lower Upper

77 100

97 21.9 17.8 26.8

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Manual Integrations

APPROVED

Reviewed By :John

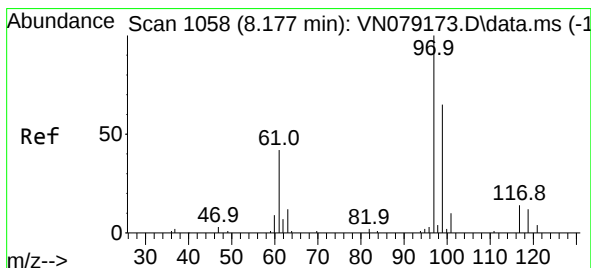
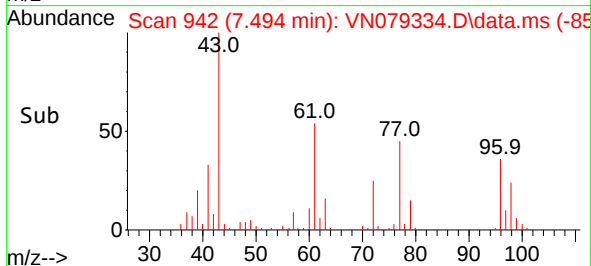
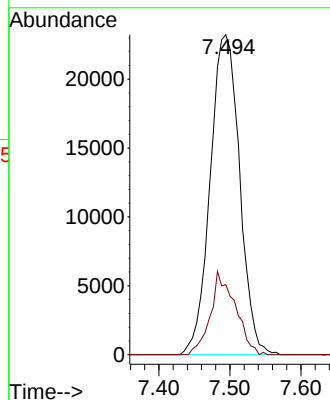
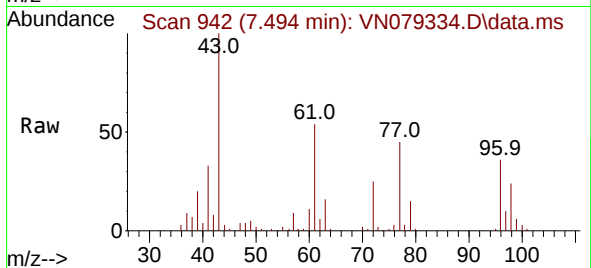
Carlone

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Supervised By :Mahesh

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#32

1,1,1-Trichloroethane

Concen: 21.744 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079334.D

Acq: 22 Sep 2023 17:05

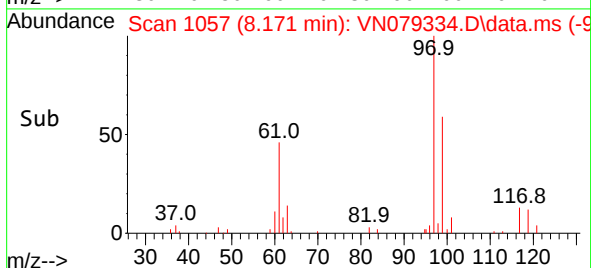
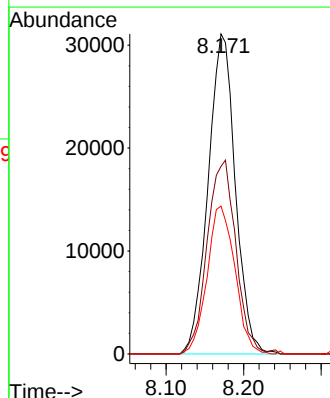
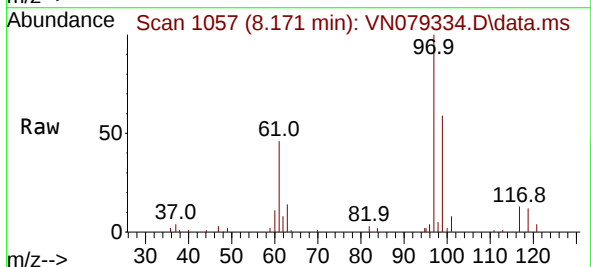
Tgt Ion: 97 Resp: 75984

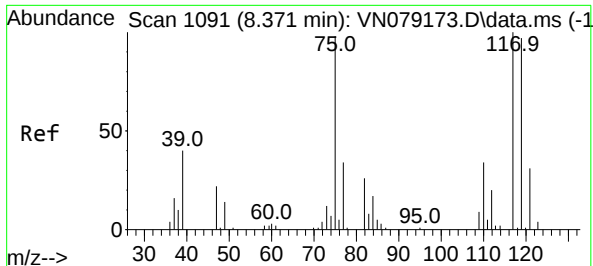
Ion Ratio Lower Upper

97 100

99 63.6 52.0 78.0

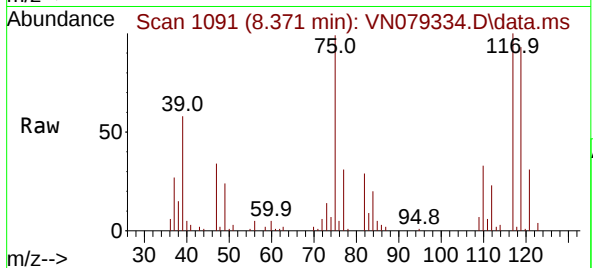
61 47.2 33.4 50.0





#33
Carbon Tetrachloride
Concen: 21.208 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

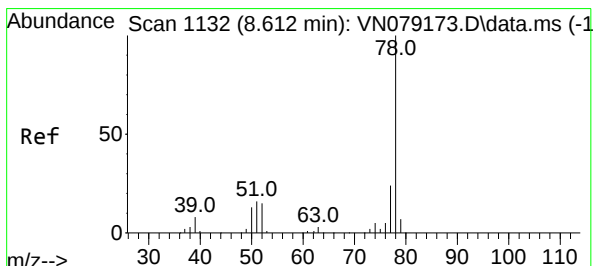
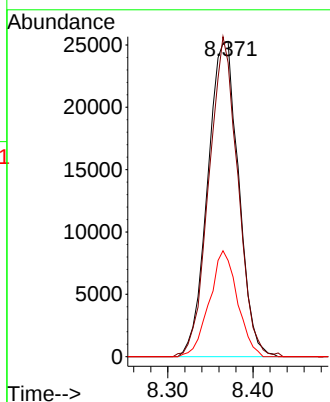
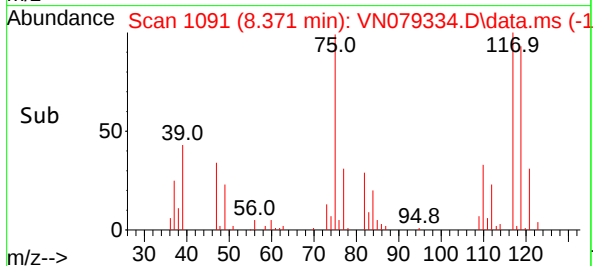


Tgt Ion:117 Resp: 6366
Ion Ratio Lower Upper
117 100
119 92.3 77.9 116.9
121 30.5 25.1 37.7

Manual Integrations
APPROVED

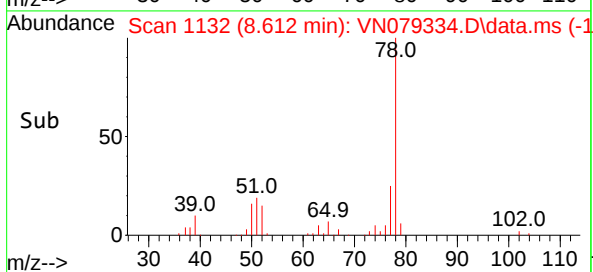
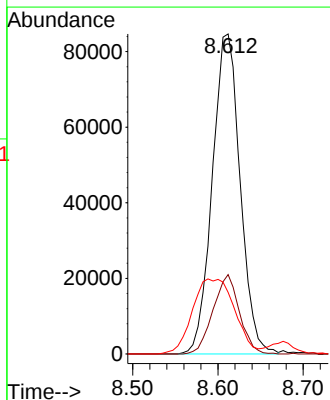
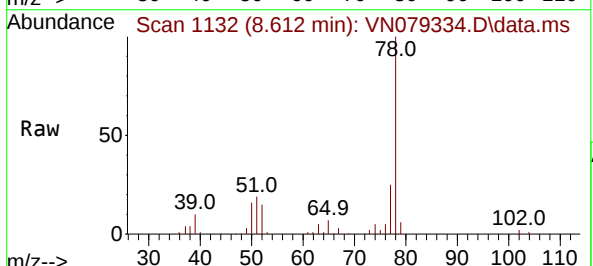
Reviewed By :John
Carlone
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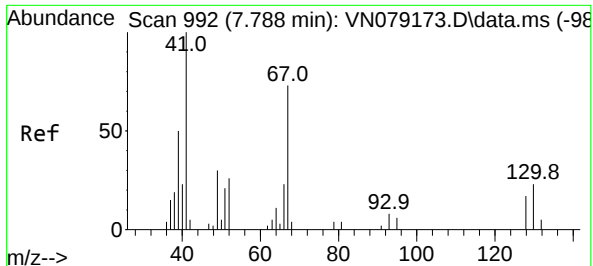
Supervised By :Mahesh
Dadoda
09/25/2023



#34
Benzene
Concen: 20.376 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

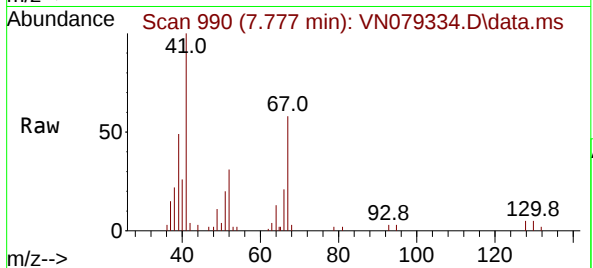
Tgt Ion: 78 Resp: 192025
Ion Ratio Lower Upper
78 100
77 24.8 18.9 28.3
51 16.8 13.1 19.7





#35
Methacrylonitrile
Concen: 19.586 ug/l
RT: 7.777 min Scan# 992
Delta R.T. -0.011 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



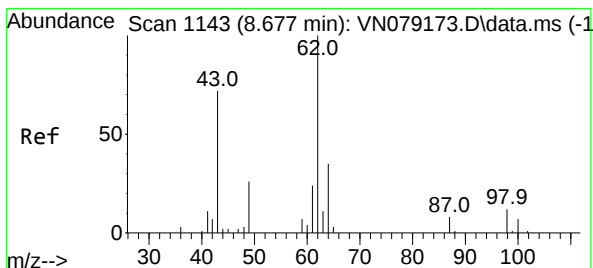
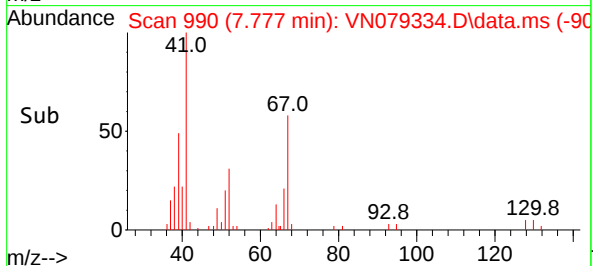
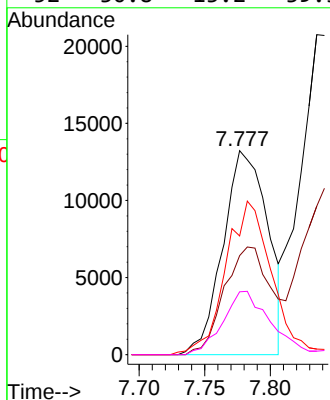
Tgt Ion: 41 Resp: 3146

Ion	Ratio	Lower	Upper
41	100		
39	48.5	24.9	74.6
67	57.0	36.7	110.1
52	30.8	13.2	39.5

Manual Integrations
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Reviewed By :John
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09/25/2023

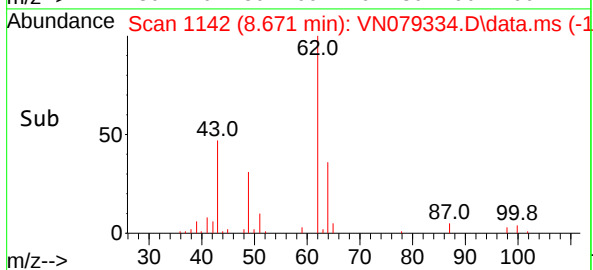
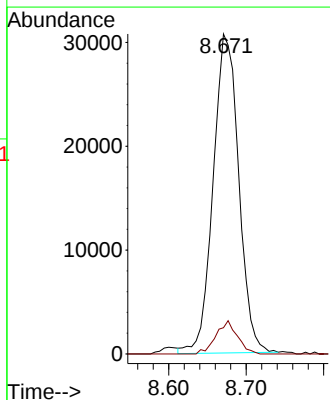
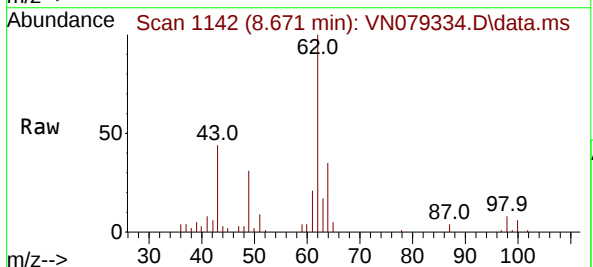
Supervised By :Mahesh
Dadoda
09/25/2023

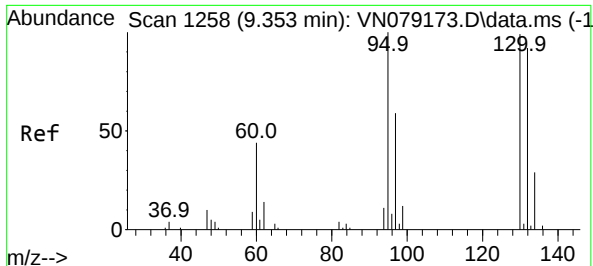


#36
1,2-Dichloroethane
Concen: 22.681 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion: 62 Resp: 70493

Ion	Ratio	Lower	Upper
62	100		
98	8.7	8.2	12.2





#37

Trichloroethene

Concen: 20.008 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN079334.D

Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 4456

Ion Ratio Lower Upper

130 100

95 94.2 81.0 121.4

Manual Integrations

APPROVED

Reviewed By :John

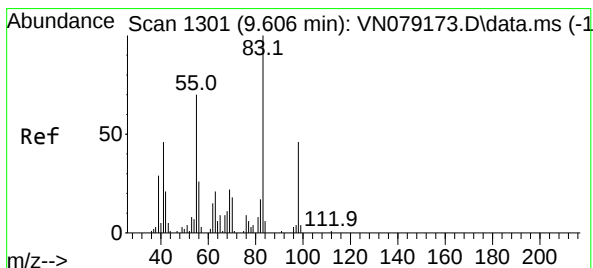
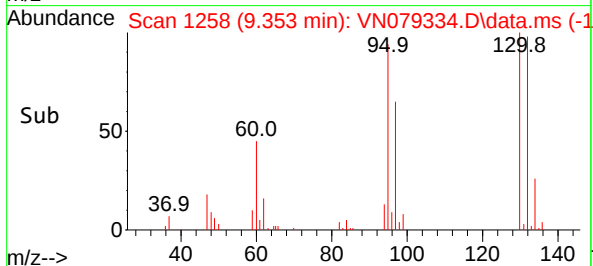
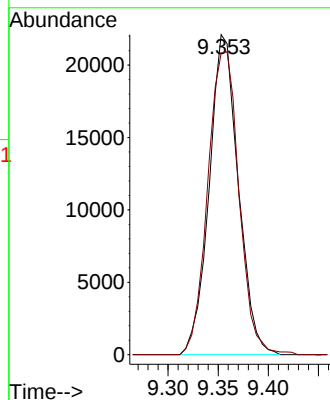
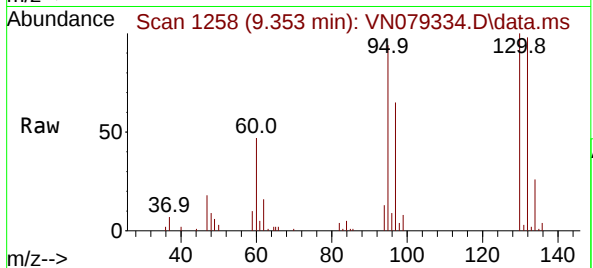
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Supervised By :Mahesh

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#38

Methylcyclohexane

Concen: 19.858 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN079334.D

Acq: 22 Sep 2023 17:05

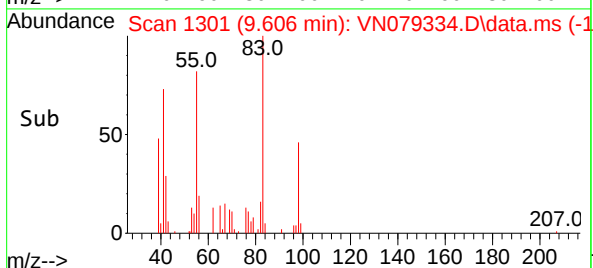
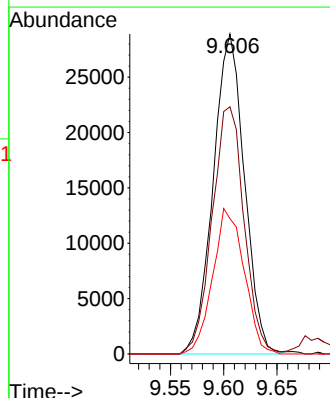
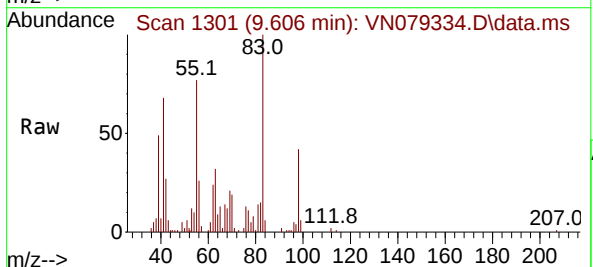
Tgt Ion: 83 Resp: 58886

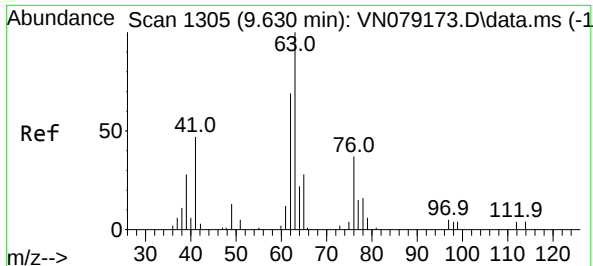
Ion Ratio Lower Upper

83 100

55 78.9 39.1 117.2

98 45.7 24.1 72.4





#39

1,2-Dichloropropane

Concen: 21.276 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN079334.D

Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 5172

Ion Ratio Lower Upper

63 100

65 31.4 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John

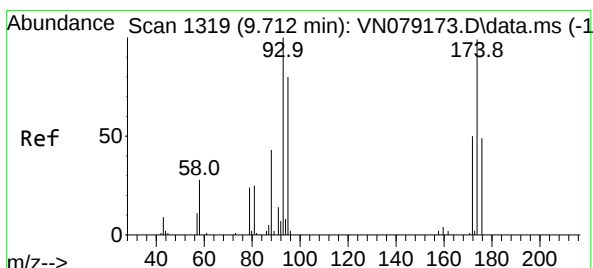
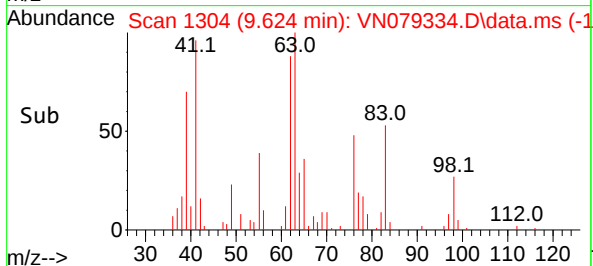
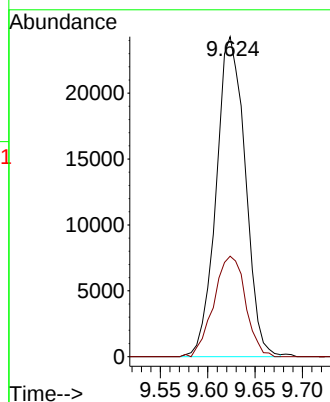
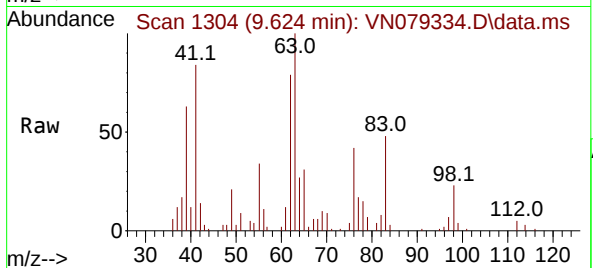
Carlone

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Supervised By :Mahesh

Dadoda

09/25/2023



#40

Dibromomethane

Concen: 21.107 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079334.D

Acq: 22 Sep 2023 17:05

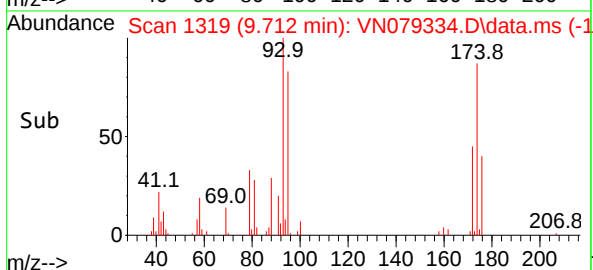
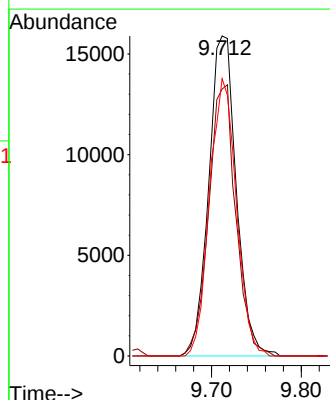
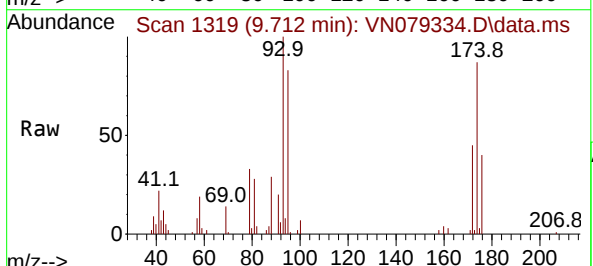
Tgt Ion: 93 Resp: 33837

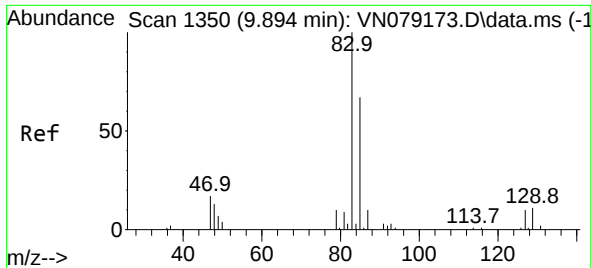
Ion Ratio Lower Upper

93 100

95 83.6 0.0 172.4

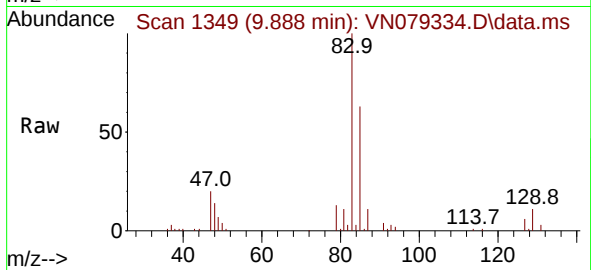
174 84.3 0.0 192.4





#41
Bromodichloromethane
Concen: 22.166 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

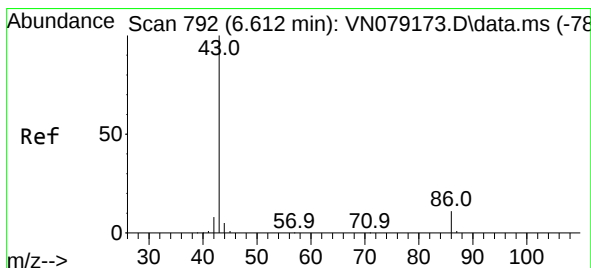
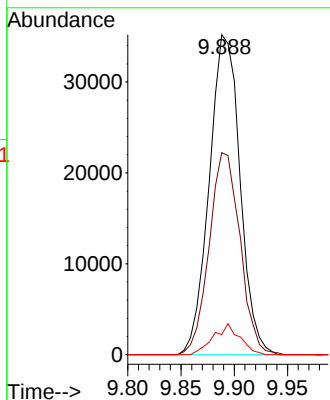
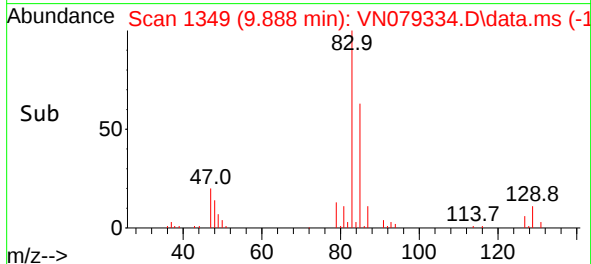


Tgt Ion: 83 Resp: 70830
Ion Ratio Lower Upper
83 100
85 63.2 53.4 80.2
127 6.3 8.3 12.5

Manual Integrations
APPROVED

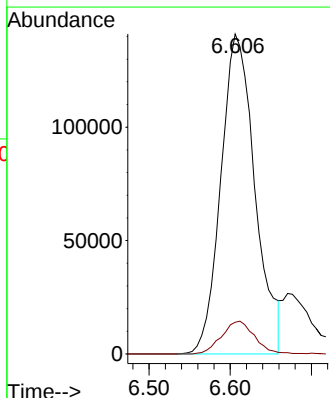
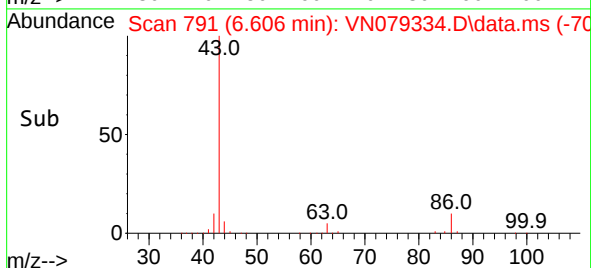
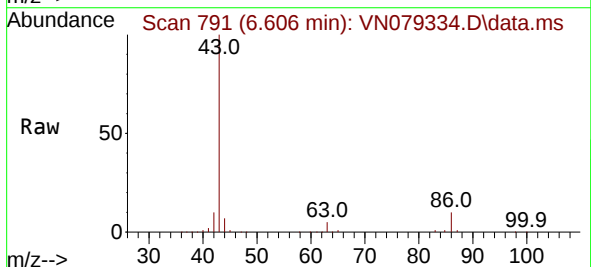
Reviewed By :John
Carlone
09/25/2023

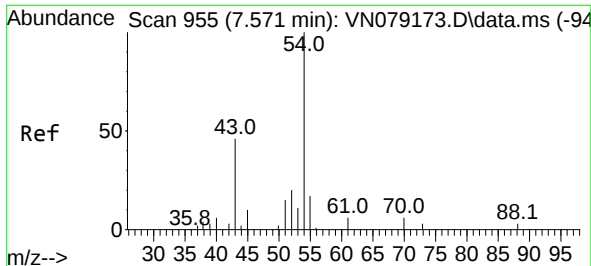
Supervised By :Mahesh
Dadoda
09/25/2023



#42
Vinyl Acetate
Concen: 116.394 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion: 43 Resp: 412403
Ion Ratio Lower Upper
43 100
86 9.8 9.2 13.8





#43

Ethyl Acetate

Concen: 21.541 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079334.D

Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 61035

Ion Ratio Lower Upper

43 100

45 13.5 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :John

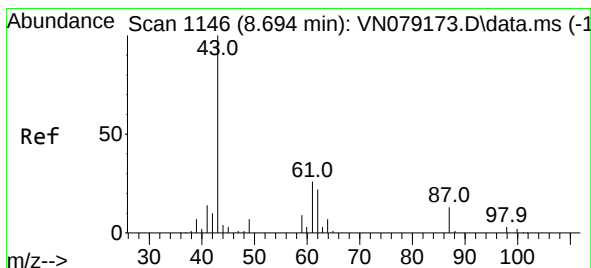
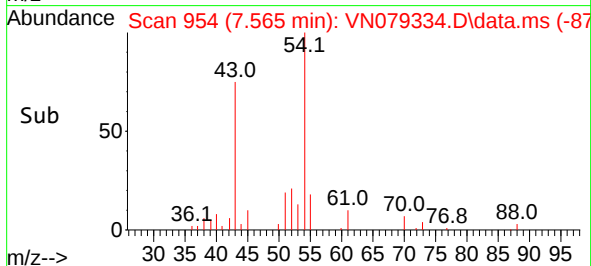
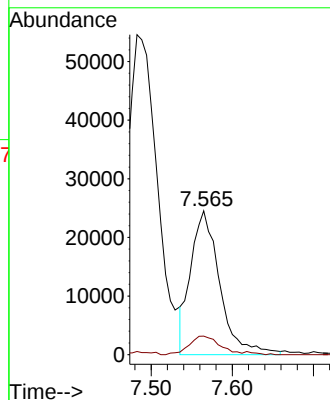
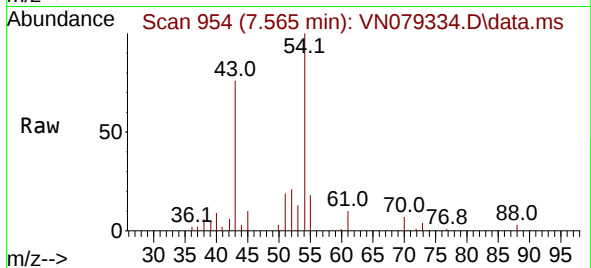
Carlone

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Supervised By :Mahesh

Dadoda

09/25/2023



#44

Isopropyl Acetate

Concen: 19.715 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079334.D

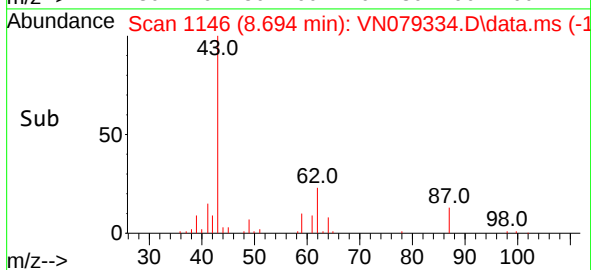
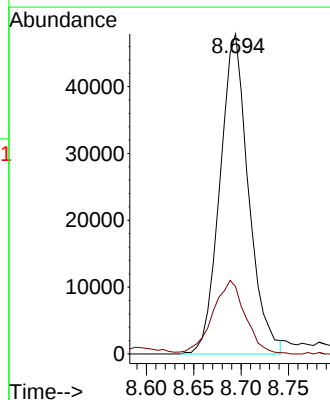
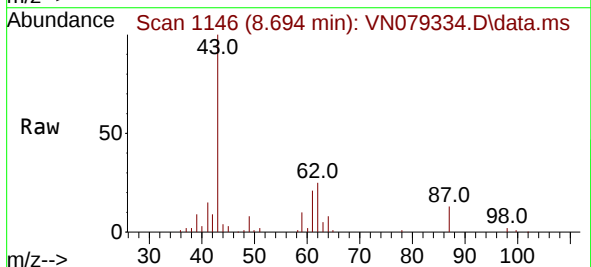
Acq: 22 Sep 2023 17:05

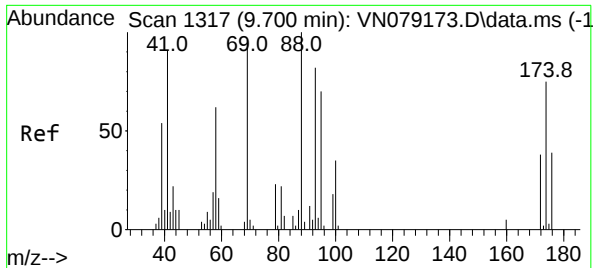
Tgt Ion: 43 Resp: 100487

Ion Ratio Lower Upper

43 100

61 26.3 22.6 33.8





#45

1,4-Dioxane

Concen: 325.309 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN079334.D

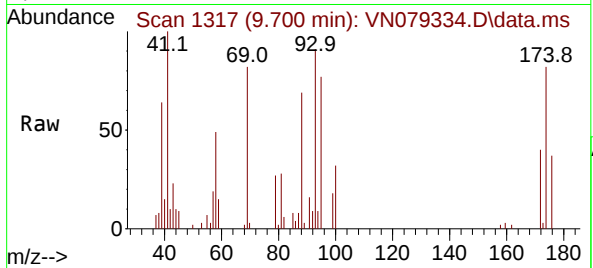
Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:	88	Resp:	1650
Ion Ratio	Lower	Upper	
88	100		
43	31.9	19.9	29.9
58	73.1	58.0	87.0

Manual Integrations

APPROVED

Reviewed By :John

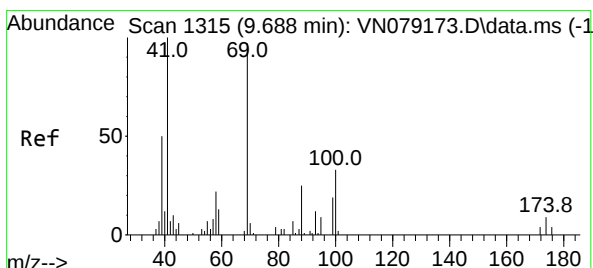
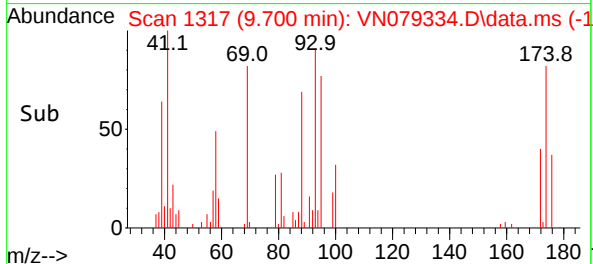
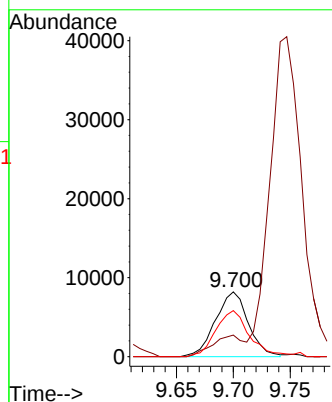
Carlone

09/25/2023

Supervised By :Mahesh

Dadoda

09/25/2023



#46

Methyl methacrylate

Concen: 20.131 ug/l

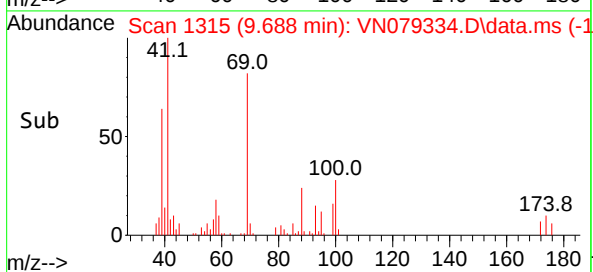
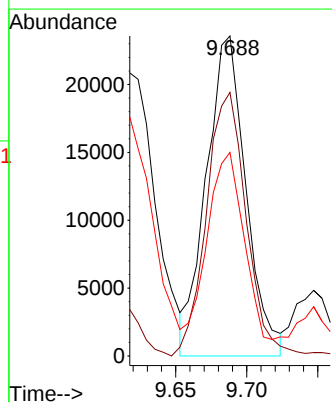
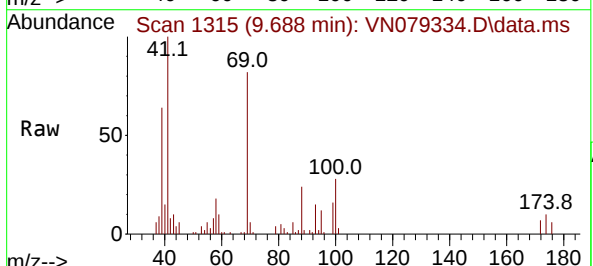
RT: 9.688 min Scan# 1315

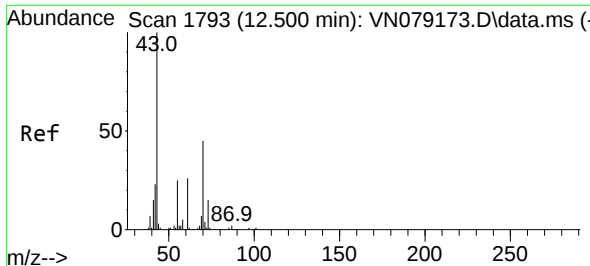
Delta R.T. 0.000 min

Lab File: VN079334.D

Acq: 22 Sep 2023 17:05

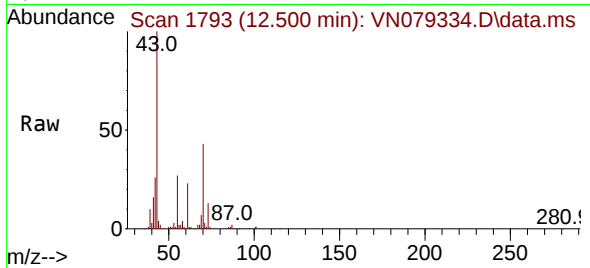
Tgt Ion:	41	Resp:	45844
Ion Ratio	Lower	Upper	
41	100		
69	85.7	48.1	144.3
39	62.1	25.8	77.3





#47
n-amyl acetate
Concen: 21.202 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

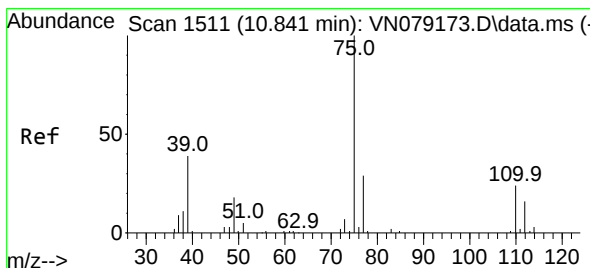
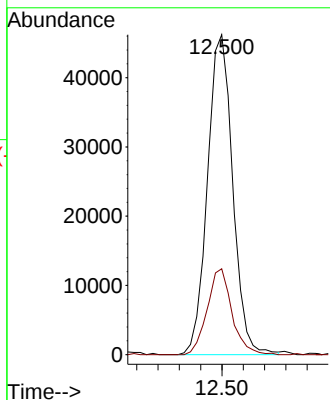
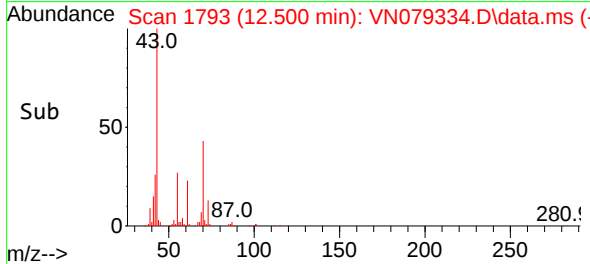
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 7600
Ion Ratio Lower Upper
43 100
55 26.3 20.5 30.7

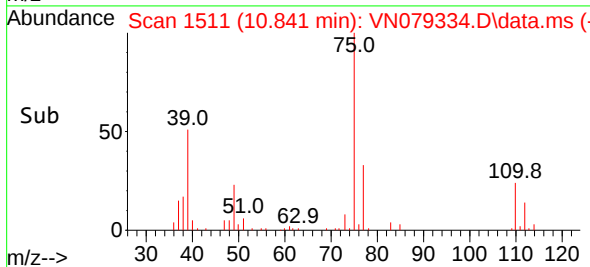
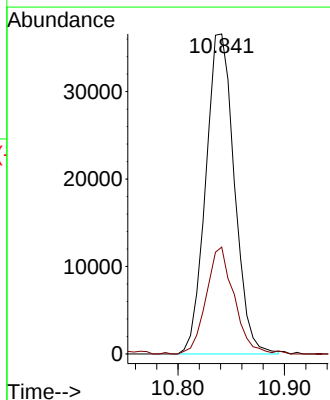
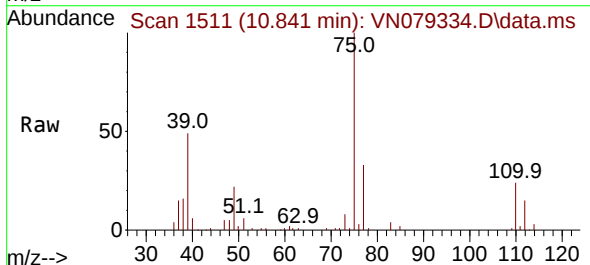
Manual Integrations
APPROVED

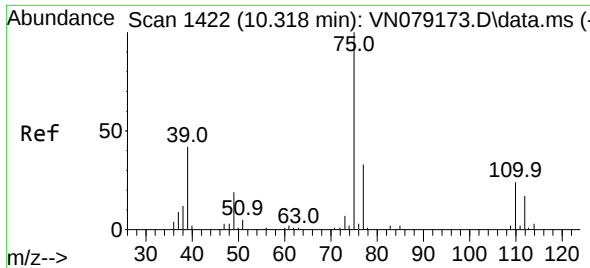
Reviewed By :John
Carlone
09/25/2023
Supervised By :Mahesh
Dadoda
09/25/2023



#48
t-1,3-Dichloropropene
Concen: 19.817 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion: 75 Resp: 68516
Ion Ratio Lower Upper
75 100
77 33.4 22.9 34.3





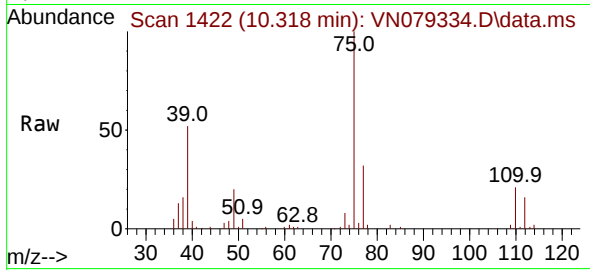
#49
 cis-1,3-Dichloropropene
 Concen: 21.391 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079334.D
 Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 75 Resp: 77144
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.2 39.2
 39 51.5 33.8 50.8

Manual Integrations

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Reviewed By :John

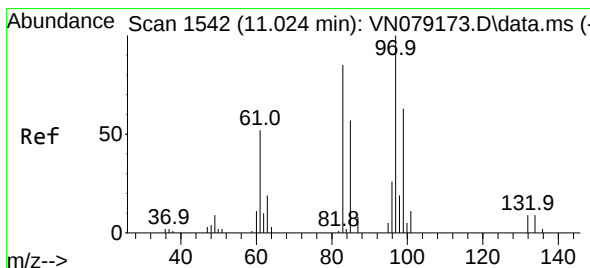
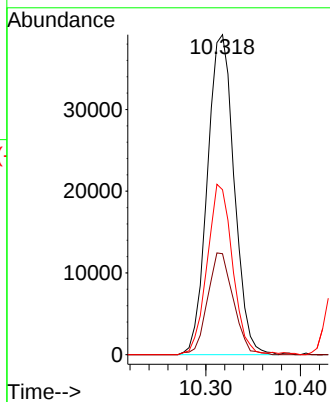
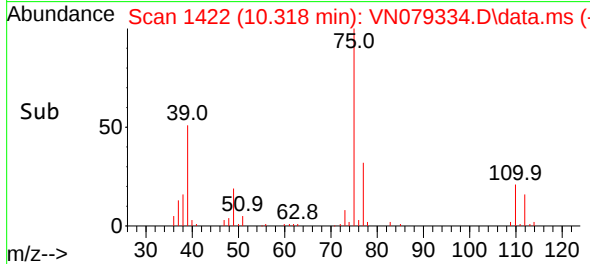
Carlone

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Supervised By :Mahesh

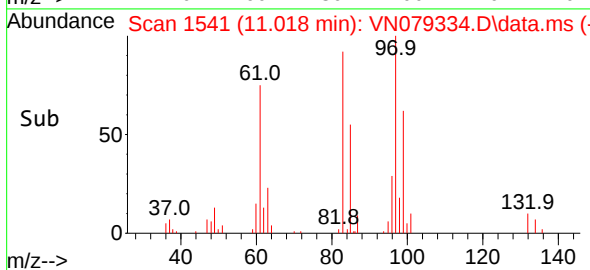
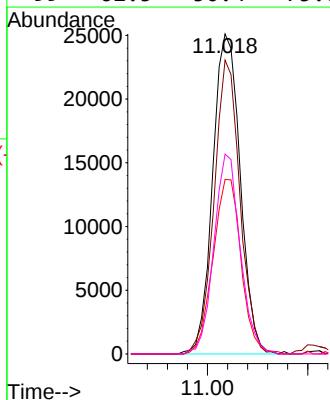
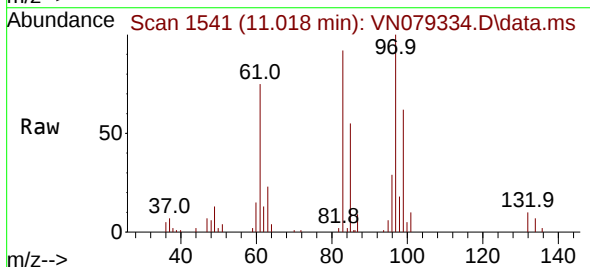
Dadoda

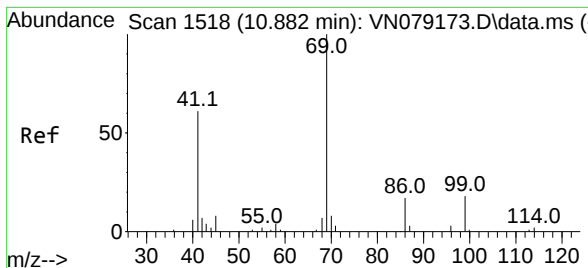
09/25/2023



#50
 1,1,2-Trichloroethane
 Concen: 21.250 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.006 min
 Lab File: VN079334.D
 Acq: 22 Sep 2023 17:05

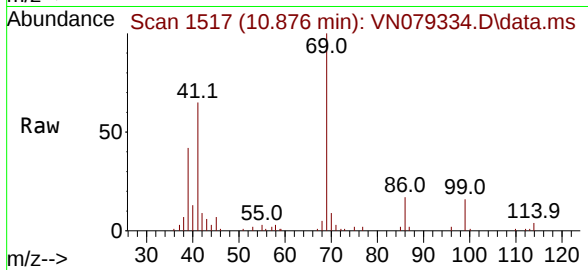
Tgt Ion: 97 Resp: 47791
 Ion Ratio Lower Upper
 97 100
 83 91.8 68.9 103.3
 85 54.6 45.3 67.9
 99 62.5 50.4 75.6





#51
Ethyl methacrylate
Concen: 17.622 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

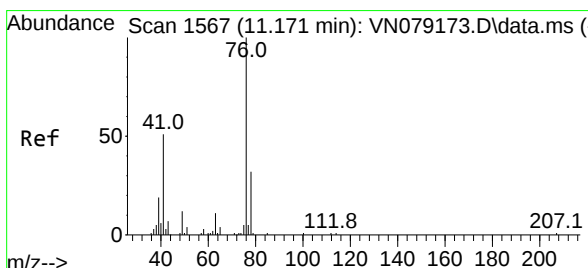
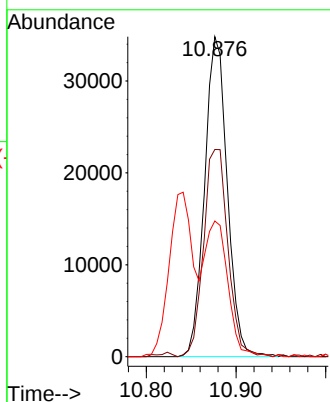
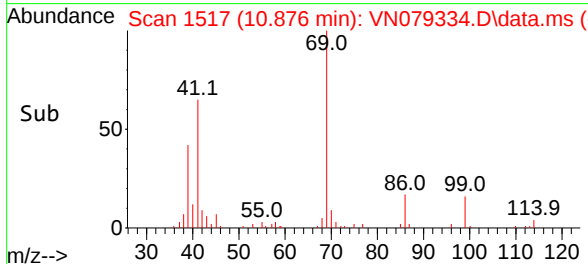


Tgt Ion: 69 Resp: 6120
Ion Ratio Lower Upper
69 100
41 64.7 30.3 90.9
39 41.8 13.4 40.1

Manual Integrations
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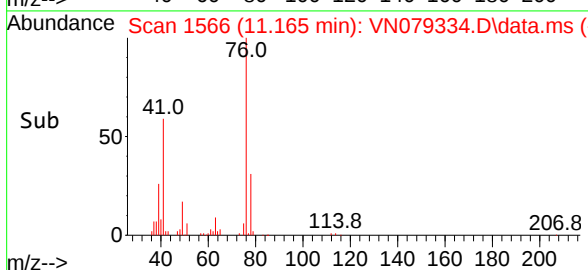
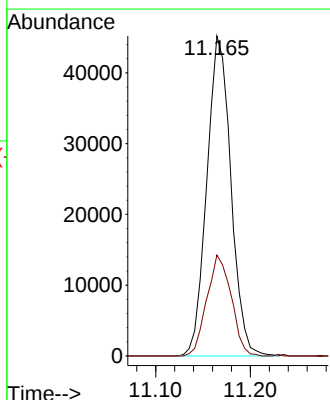
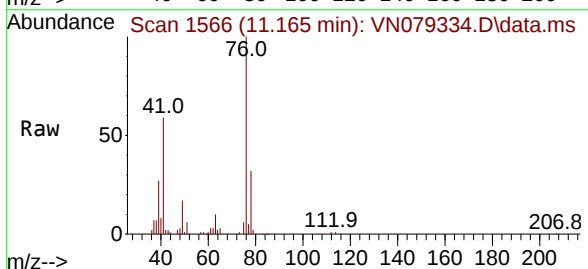
Reviewed By :John
Carlone
09/25/2023

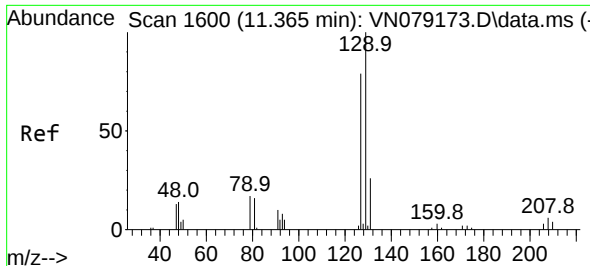
Supervised By :Mahesh
Dadoda
09/25/2023



#52
1,3-Dichloropropane
Concen: 20.797 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

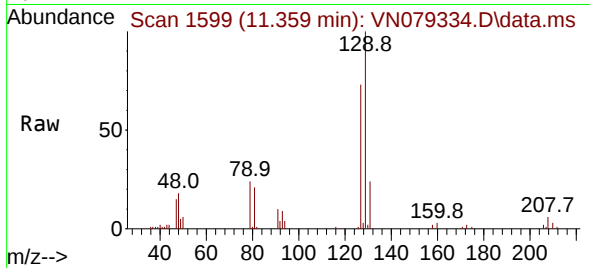
Tgt Ion: 76 Resp: 79850
Ion Ratio Lower Upper
76 100
78 31.9 0.0 64.2





#53
Dibromochloromethane
Concen: 20.789 ug/l
RT: 11.359 min Scan# 11359
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

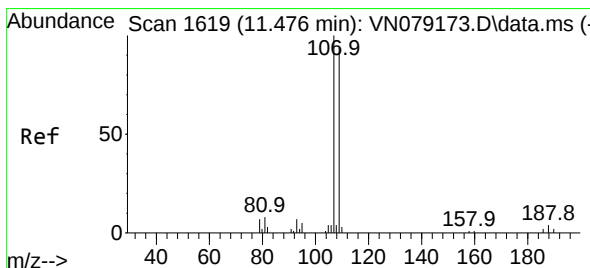
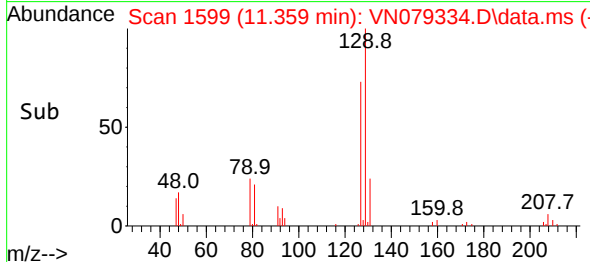
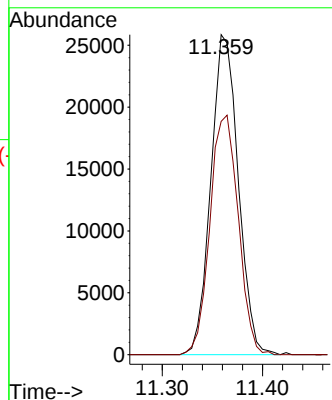


Tgt Ion:129 Resp: 49038
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

Manual Integrations
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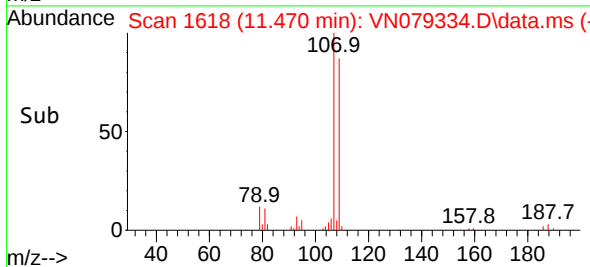
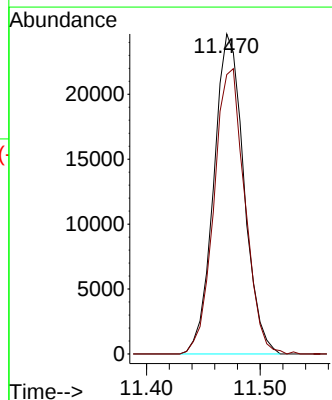
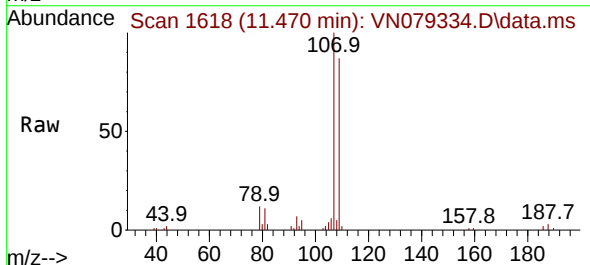
Reviewed By :John
Carlone
09/25/2023

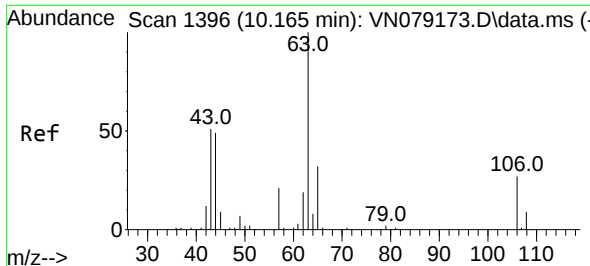
Supervised By :Mahesh
Dadoda
09/25/2023



#54
1,2-Dibromoethane
Concen: 19.903 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

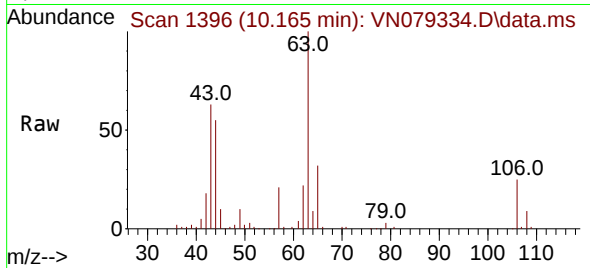
Tgt Ion:107 Resp: 45454
Ion Ratio Lower Upper
107 100
109 91.1 76.4 114.6





#55
2-Chloroethyl vinyl ether
Concen: 121.506 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

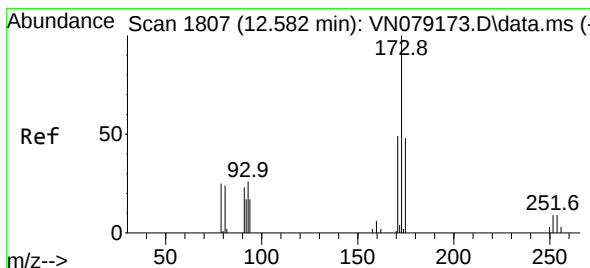
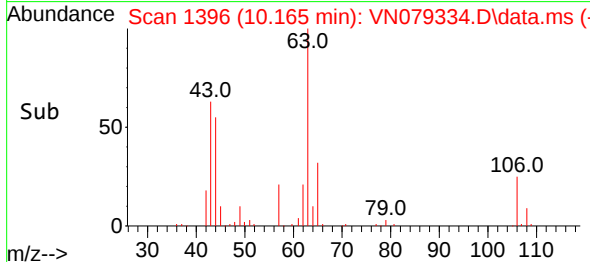
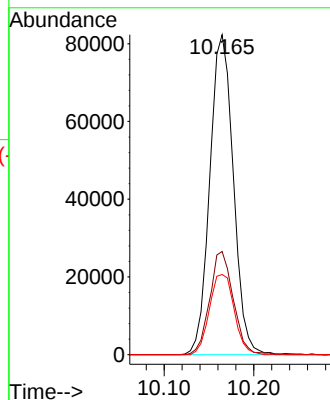


Tgt Ion: 63 Resp: 14995
Ion Ratio Lower Upper
63 100
65 32.3 25.7 38.5
106 26.4 21.9 32.9

Manual Integrations
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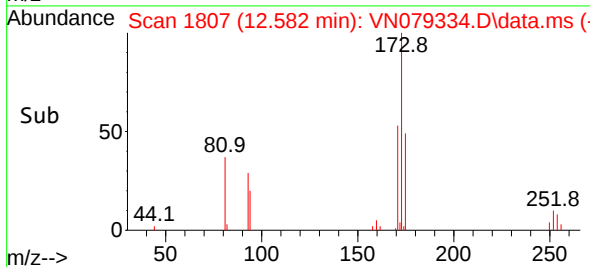
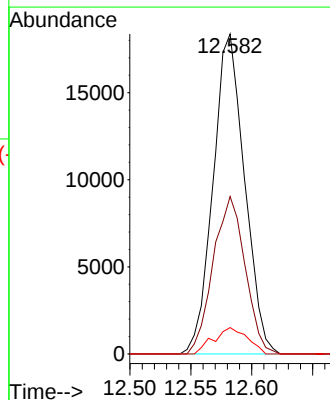
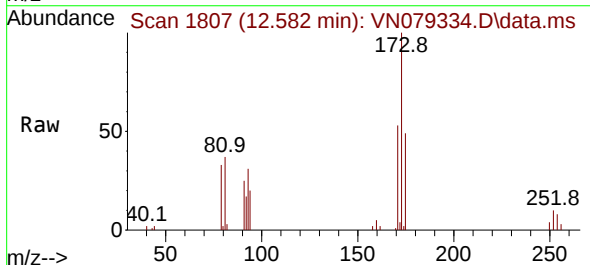
Reviewed By :John
Carlone
09/25/2023

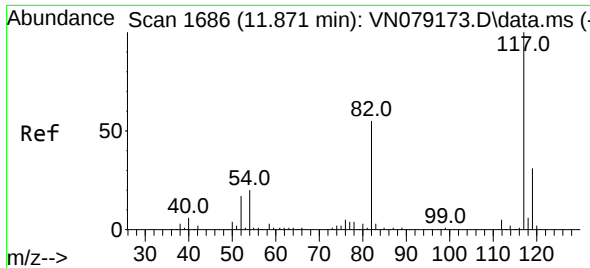
Supervised By :Mahesh
Dadoda
09/25/2023



#56
Bromoform
Concen: 20.037 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

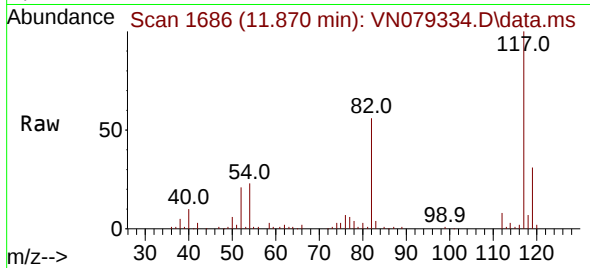
Tgt Ion:173 Resp: 32933
Ion Ratio Lower Upper
173 100
175 50.0 37.6 56.4
254 8.9 7.8 11.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

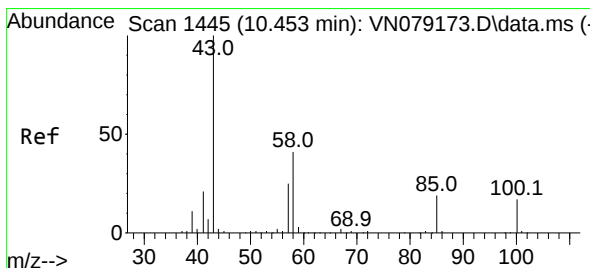
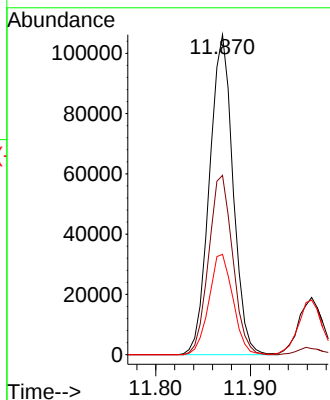
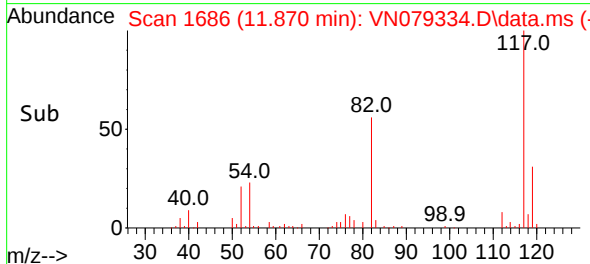


Tgt Ion: 117 Resp: 183414
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 32.1 24.9 37.3

Manual Integrations
APPROVED

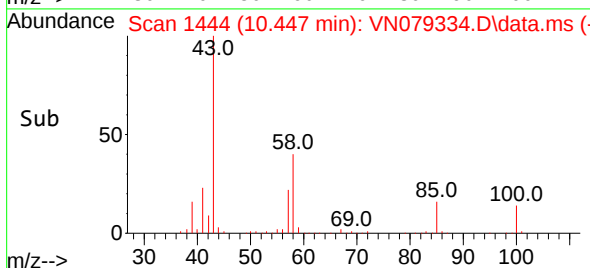
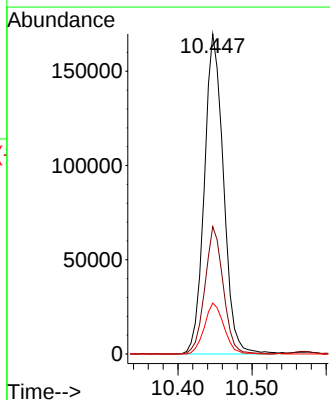
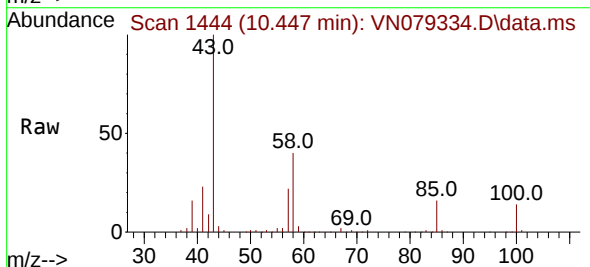
Reviewed By :John
Carlone
09/25/2023

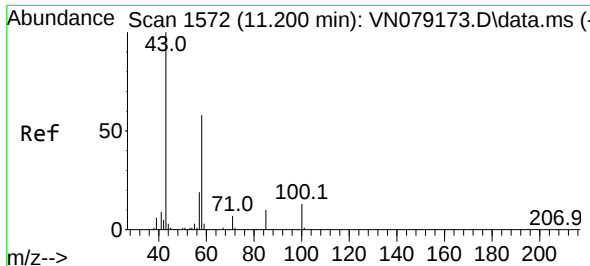
Supervised By :Mahesh
Dadoda
09/25/2023



#58
4-Methyl-2-Pentanone
Concen: 90.717 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

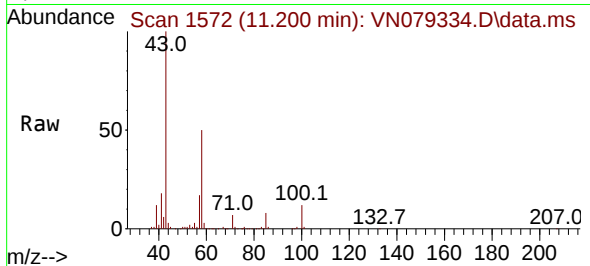
Tgt Ion: 43 Resp: 305331
Ion Ratio Lower Upper
43 100
58 38.1 33.6 50.4
85 16.1 15.0 22.4





#59
2-Hexanone
Concen: 87.256 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

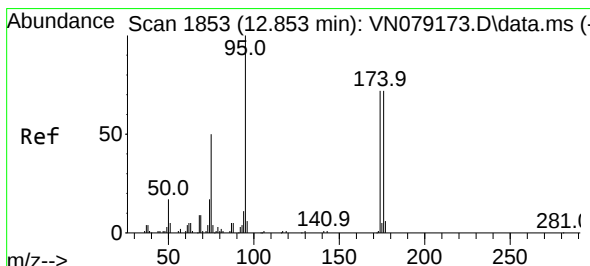
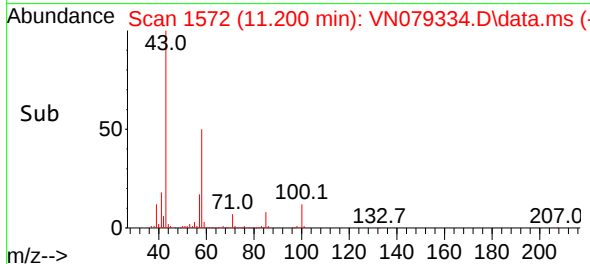
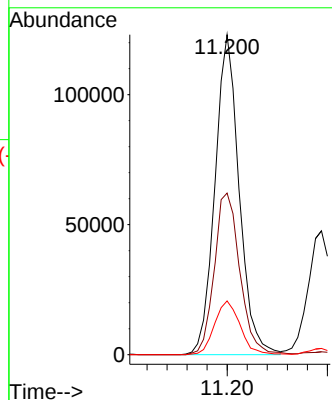


Tgt Ion: 43 Resp: 206250
Ion Ratio Lower Upper
43 100
58 53.3 46.4 69.6
57 17.8 15.3 22.9

Manual Integrations
APPROVED

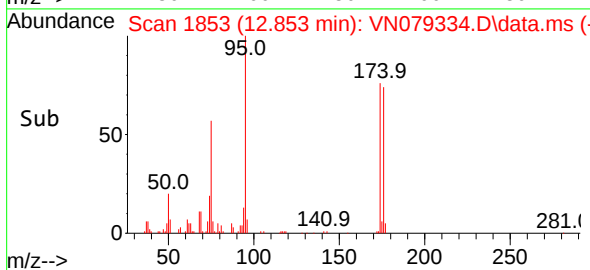
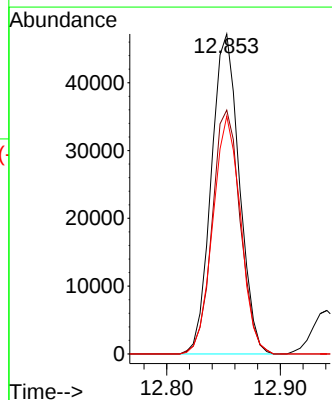
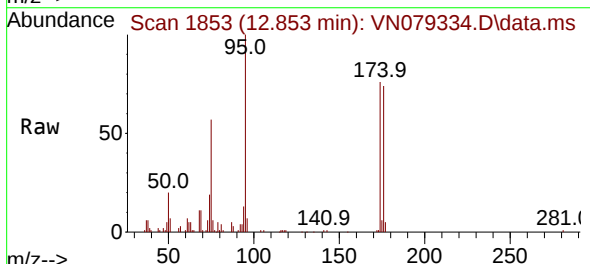
Reviewed By :John
Carlone
09/25/2023

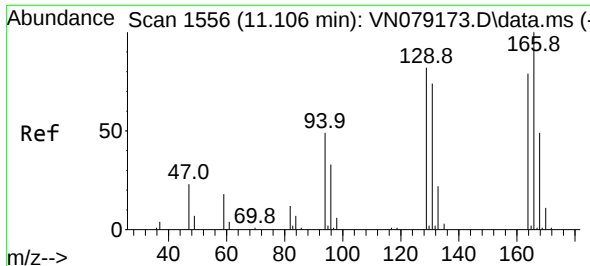
Supervised By :Mahesh
Dadoda
09/25/2023



#60
4-Bromofluorobenzene
Concen: 29.885 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

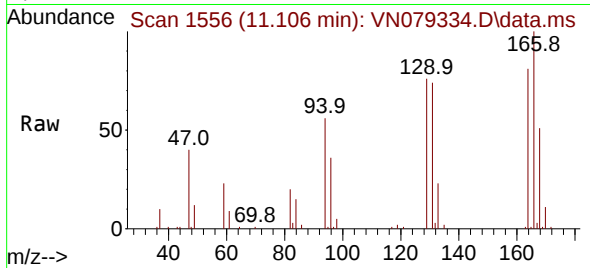
Tgt Ion: 95 Resp: 80764
Ion Ratio Lower Upper
95 100
174 76.6 59.5 89.3
176 73.7 59.1 88.7





#61
Tetrachloroethene
Concen: 18.808 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

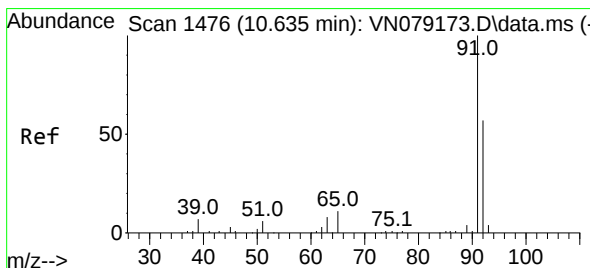
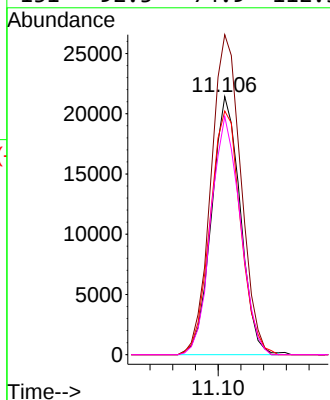


Tgt Ion:164 Resp: 37530
Ion Ratio Lower Upper
164 100
166 124.0 101.9 152.9
129 94.4 83.4 125.0
131 92.3 74.9 112.3

Manual Integrations
APPROVED

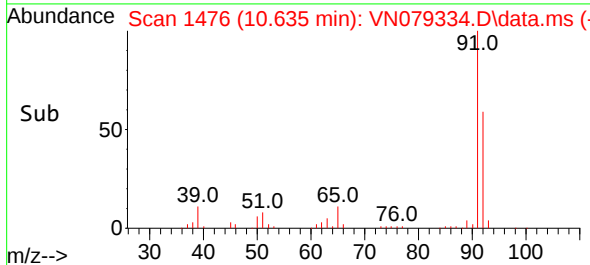
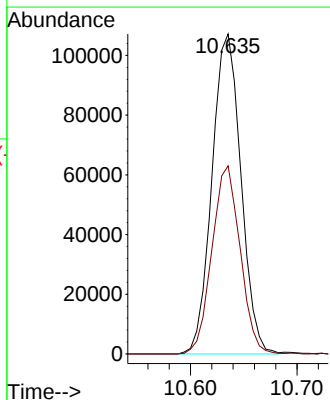
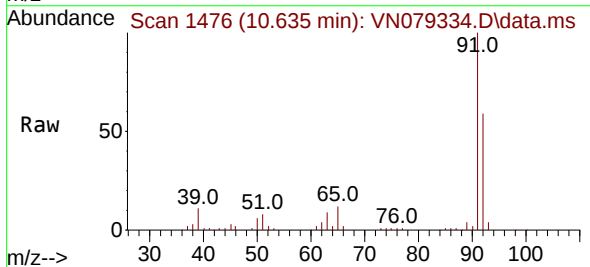
Reviewed By :John
Carlone
09/25/2023

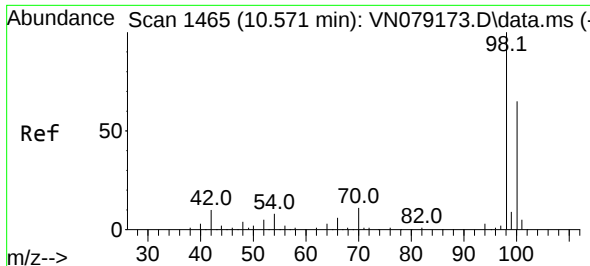
Supervised By :Mahesh
Dadoda
09/25/2023



#62
Toluene
Concen: 18.946 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

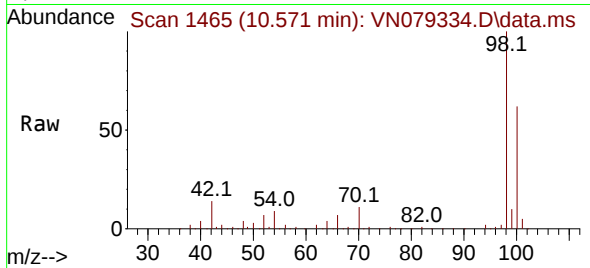
Tgt Ion: 91 Resp: 202334
Ion Ratio Lower Upper
91 100
92 57.2 45.7 68.5





#63
Toluene-d8
Concen: 28.815 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

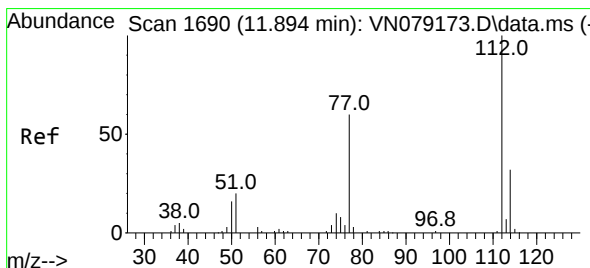
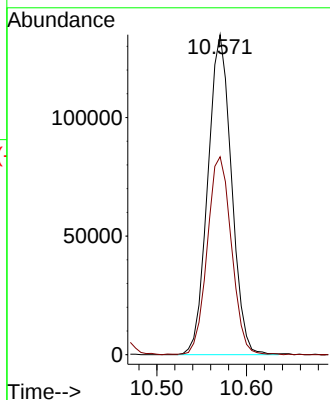
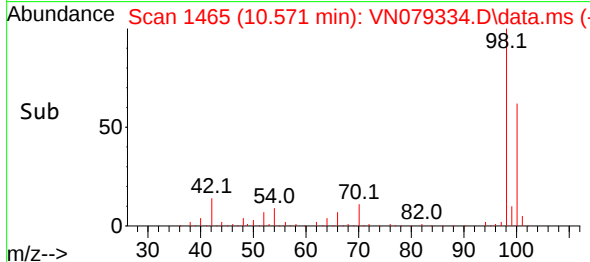
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 24698
Ion Ratio Lower Upper
98 100
100 62.7 52.5 78.7

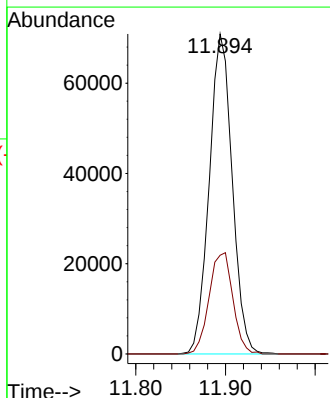
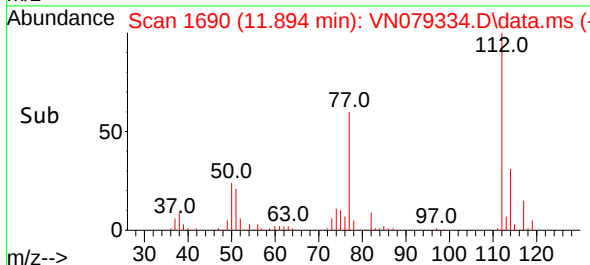
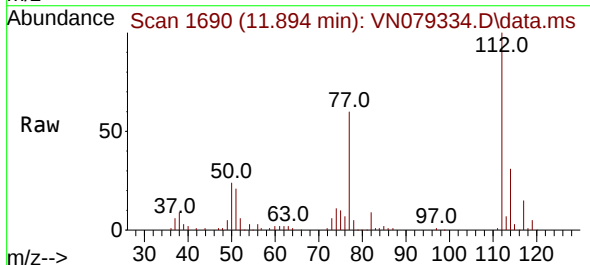
Manual Integrations
APPROVED

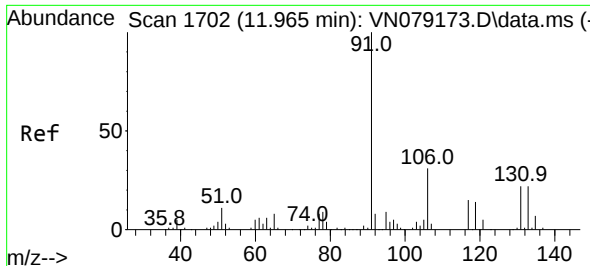
Reviewed By :John
Carlone
09/25/2023
Supervised By :Mahesh
Dadoda
09/25/2023



#64
Chlorobenzene
Concen: 20.240 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

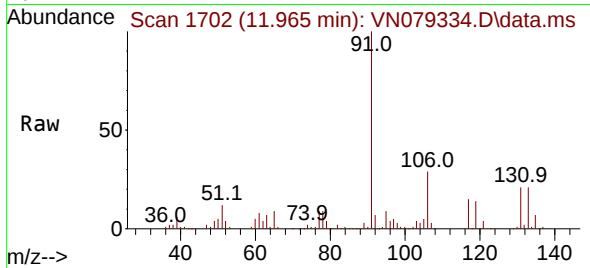
Tgt Ion:112 Resp: 126099
Ion Ratio Lower Upper
112 100
114 30.9 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.924 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

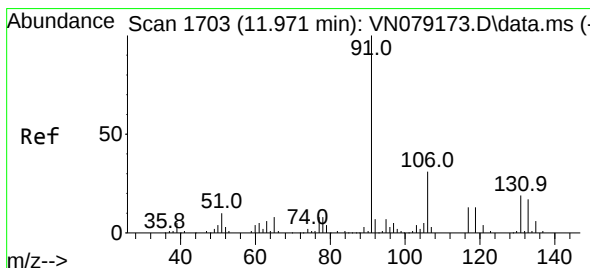
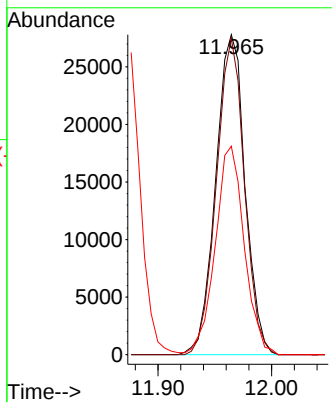
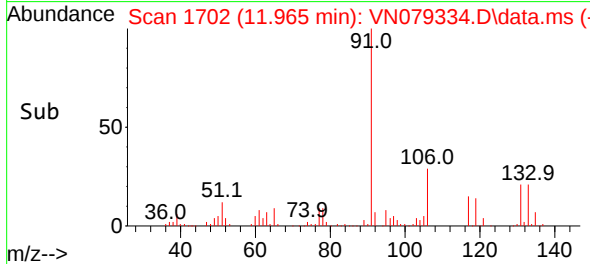


Tgt Ion:131 Resp: 49908
Ion Ratio Lower Upper
131 100
133 94.5 0.0 193.0
119 64.4 0.0 131.2

Manual Integrations
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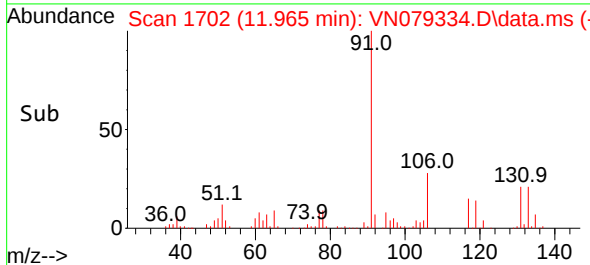
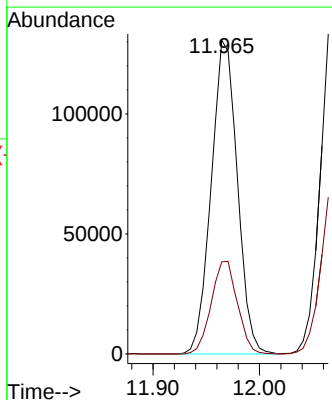
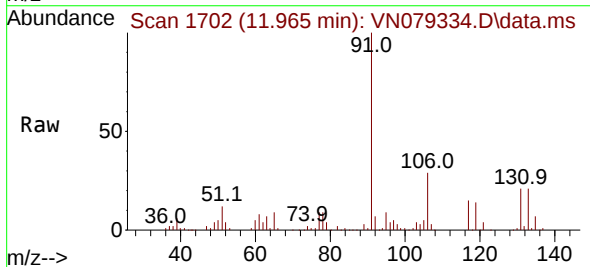
Reviewed By :John
Carlone
09/25/2023

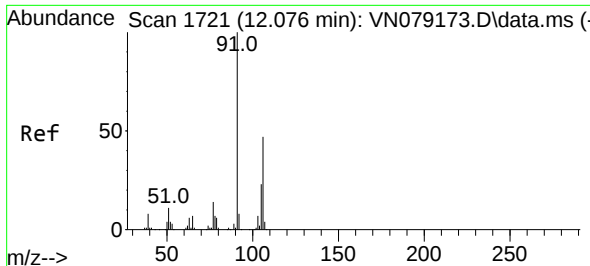
Supervised By :Mahesh
Dadoda
09/25/2023



#66
Ethyl Benzene
Concen: 20.707 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion: 91 Resp: 222653
Ion Ratio Lower Upper
91 100
106 29.3 25.0 37.6





#67
m/p-Xylenes
Concen: 42.017 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

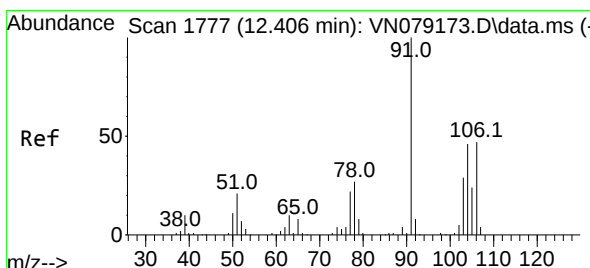
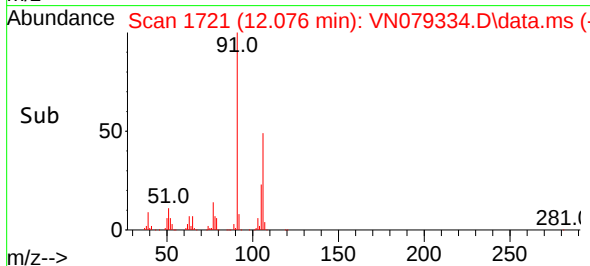
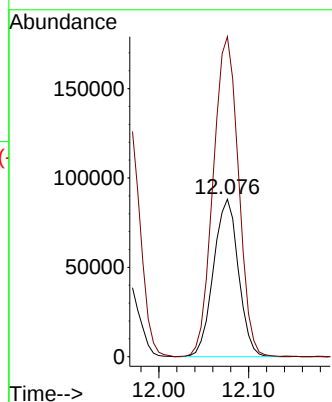
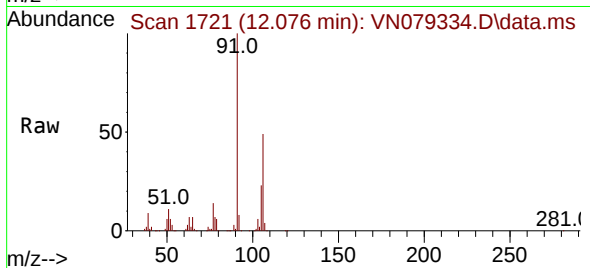
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 16999
Ion Ratio Lower Upper
106 100
91 206.5 165.2 247.8

Manual Integrations
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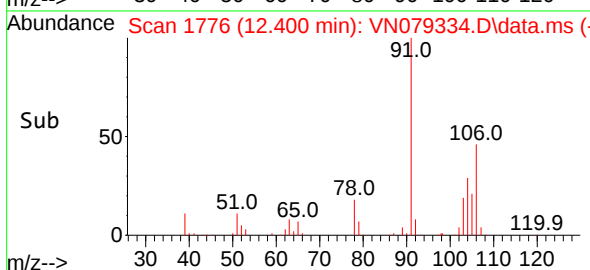
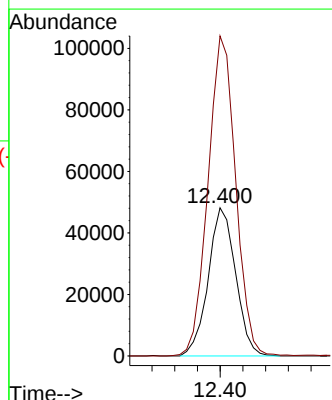
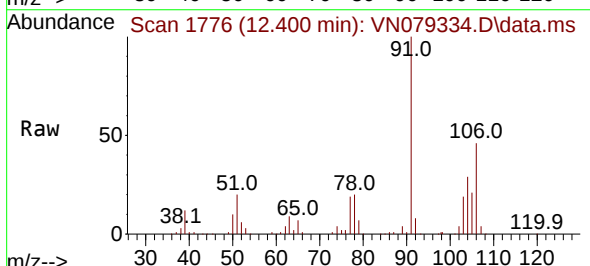
Reviewed By :John
Carlone
09/25/2023

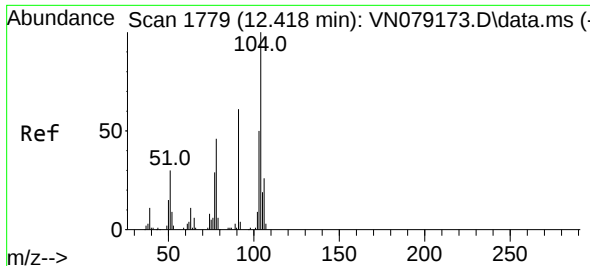
Supervised By :Mahesh
Dadoda
09/25/2023



#68
o-Xylene
Concen: 20.729 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

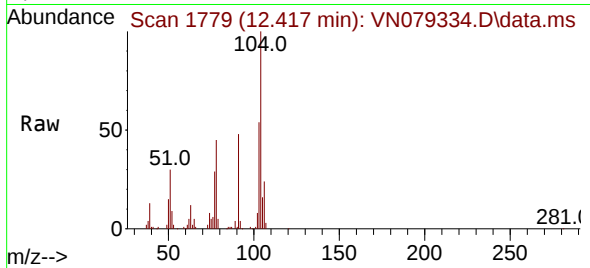
Tgt Ion:106 Resp: 80881
Ion Ratio Lower Upper
106 100
91 217.5 109.7 329.1





#69
Styrene
Concen: 20.768 ug/l
RT: 12.417 min Scan# 1179
Delta R.T. -0.001 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

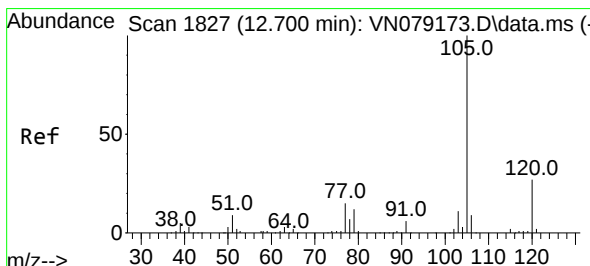
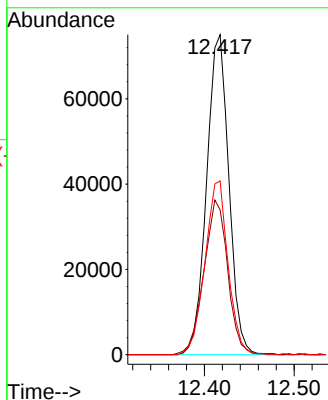
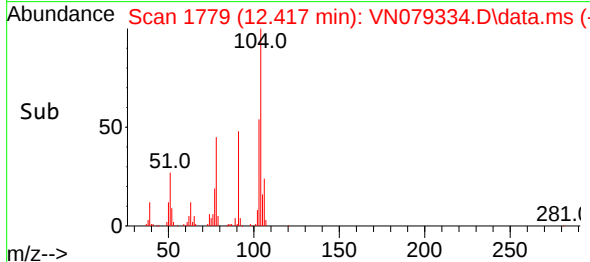


Tgt Ion:104 Resp: 12925
Ion Ratio Lower Upper
104 100
78 51.8 40.5 60.7
103 56.3 43.3 64.9

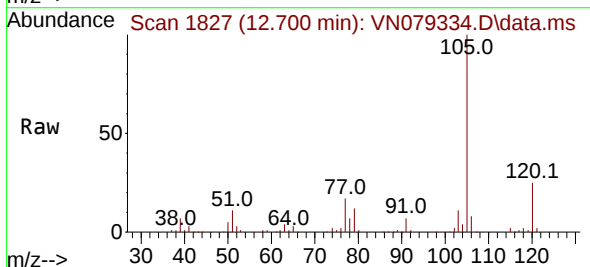
Manual Integrations
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Reviewed By :John
Carlone
09/25/2023

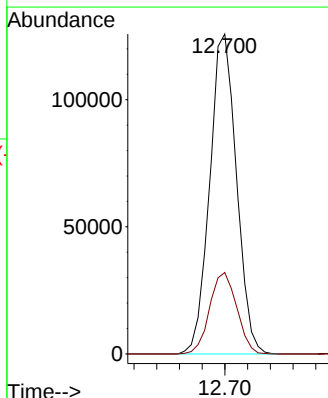
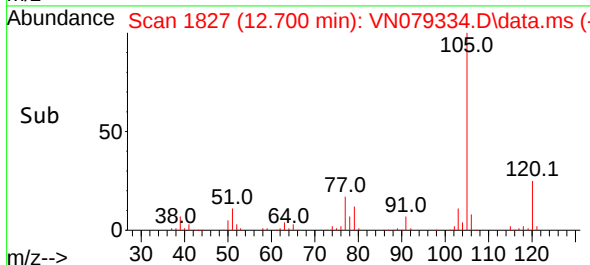
Supervised By :Mahesh
Dadoda
09/25/2023

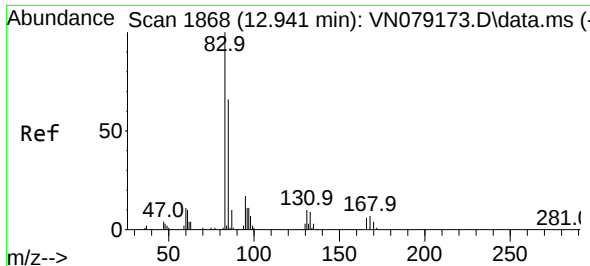


#70
Isopropylbenzene
Concen: 20.785 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05



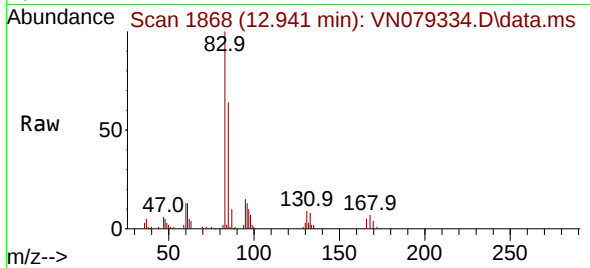
Tgt Ion:105 Resp: 206144
Ion Ratio Lower Upper
105 100
120 25.7 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.493 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

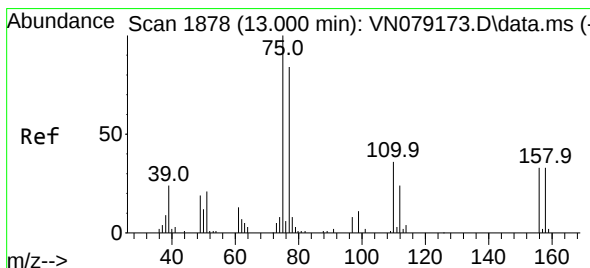
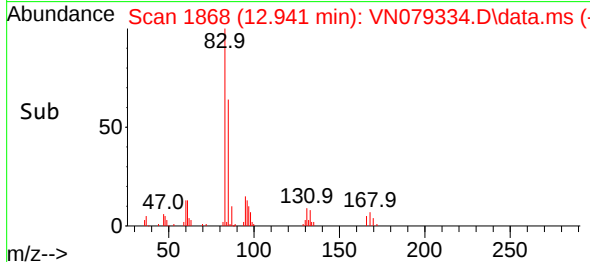
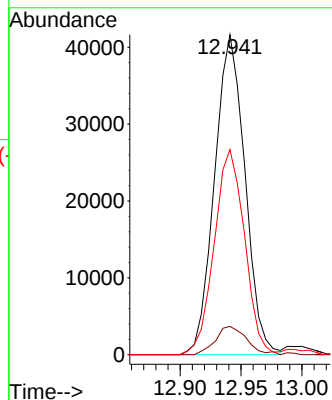


Tgt Ion: 83 Resp: 7232
Ion Ratio Lower Upper
83 100
131 8.8 4.9 14.6
85 63.8 33.1 99.3

Manual Integrations
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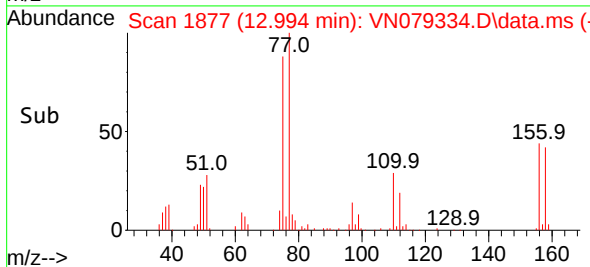
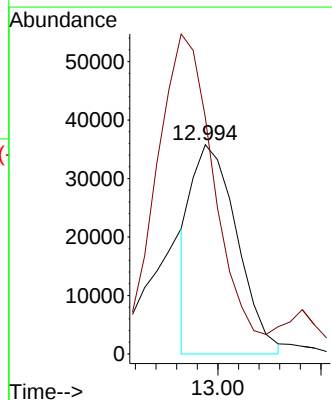
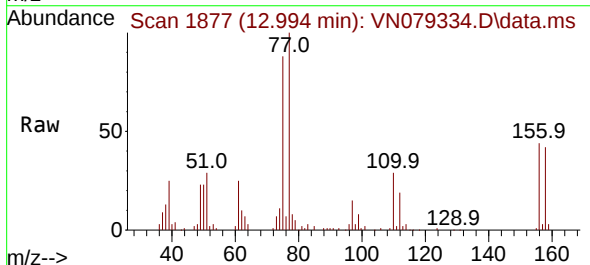
Reviewed By :John
Carlone
09/25/2023

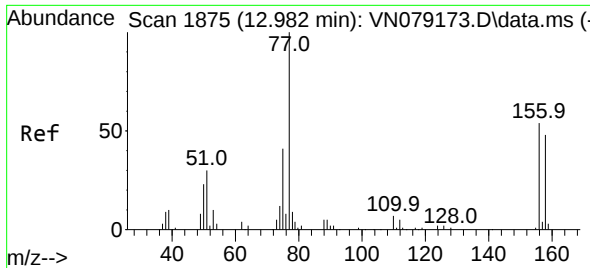
Supervised By :Mahesh
Dadoda
09/25/2023



#72
1,2,3-Trichloropropane
Concen: 17.616 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion: 75 Resp: 54994
Ion Ratio Lower Upper
75 100
77 196.8 0.0 252.2





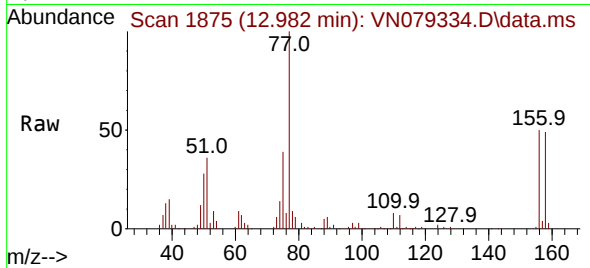
#73
Bromobenzene
Concen: 19.077 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:156 Resp: 47262
Ion Ratio Lower Upper
156 100
77 229.0 0.0 446.6
158 96.0 0.0 188.6

Manual Integrations

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Reviewed By :John

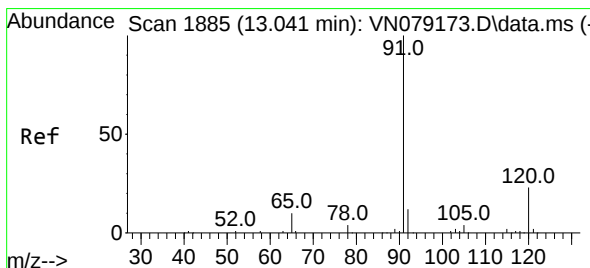
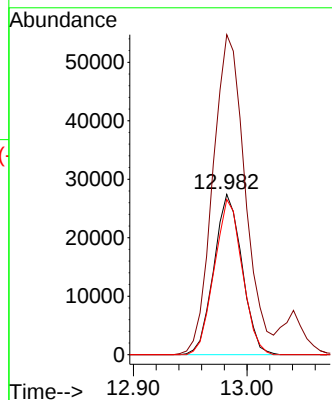
Carlone

09/25/2023

Supervised By :Mahesh

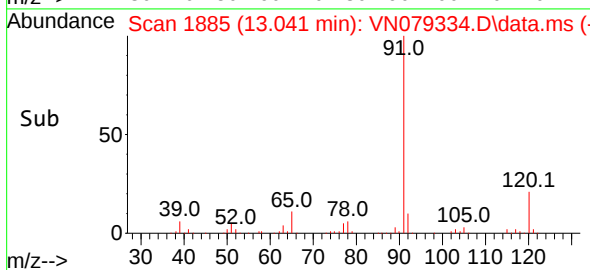
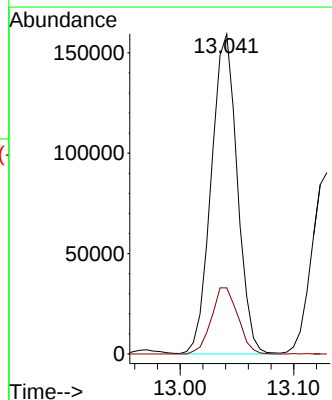
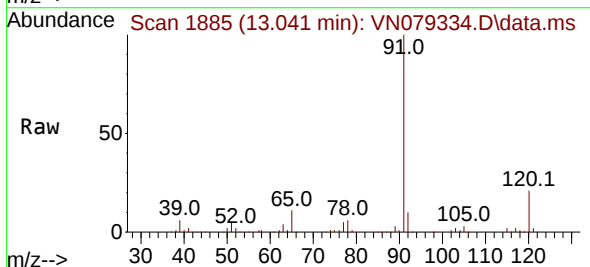
Dadoda

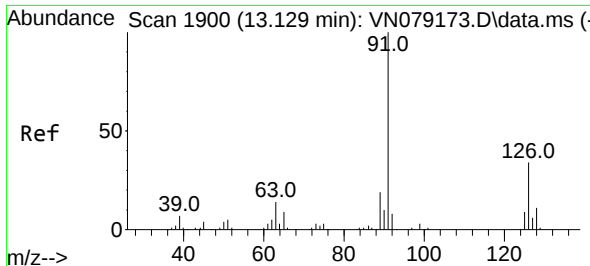
09/25/2023



#74
n-propylbenzene
Concen: 22.475 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion: 91 Resp: 253972
Ion Ratio Lower Upper
91 100
120 21.1 0.0 44.0





#75
2-Chlorotoluene
Concen: 21.660 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

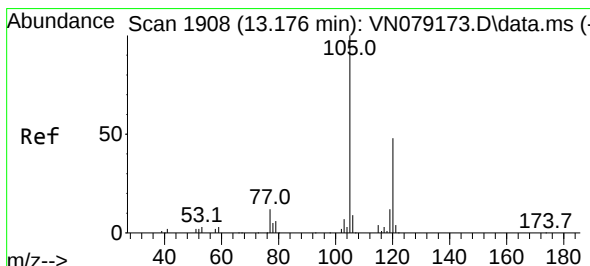
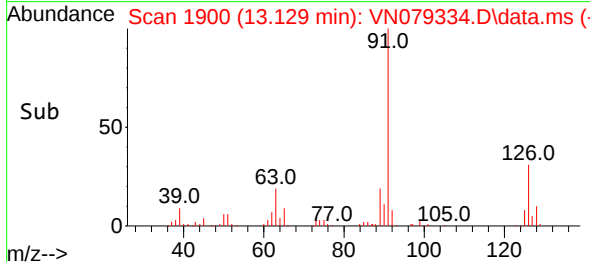
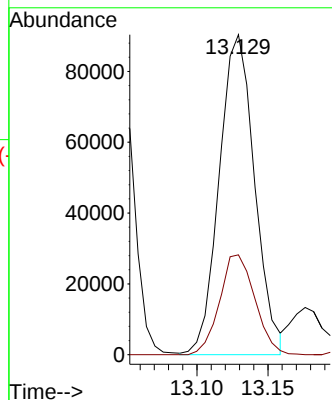
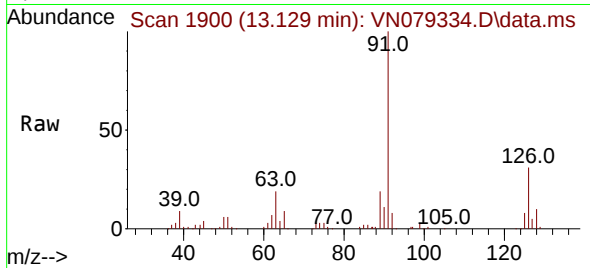
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 15694
Ion Ratio Lower Upper
91 100
126 31.1 0.0 65.4

Manual Integrations
APPROVED

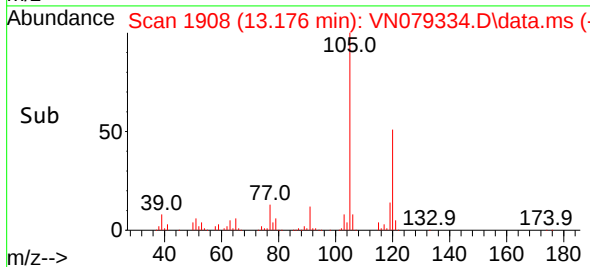
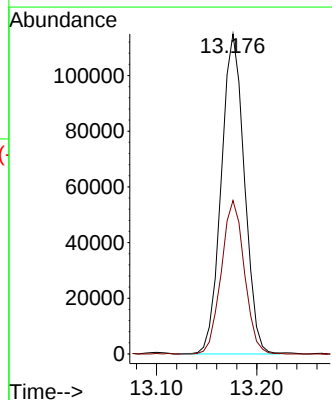
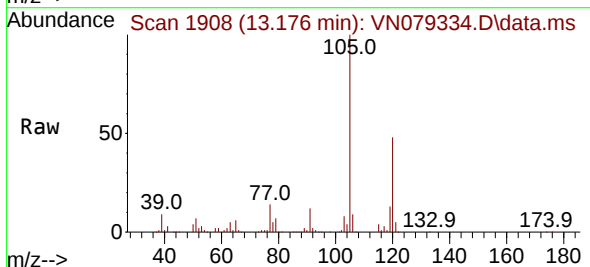
Reviewed By :John
Carlone
09/25/2023

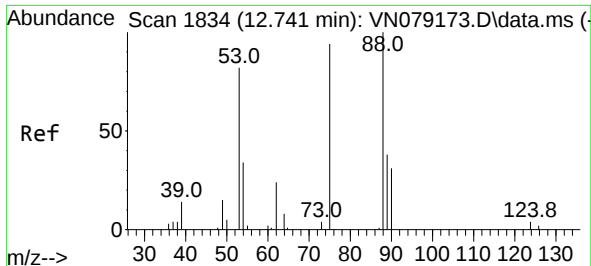
Supervised By :Mahesh
Dadoda
09/25/2023



#76
1,3,5-Trimethylbenzene
Concen: 22.380 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion:105 Resp: 183531
Ion Ratio Lower Upper
105 100
120 47.8 0.0 95.6





#77

t-1,4-Dichloro-2-butene

Concen: 16.894 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. -0.000 min

Lab File: VN079334.D

Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 1856

Ion Ratio Lower Upper

75 100

53 104.1 44.1 132.4

89 43.5 22.4 67.3

Manual Integrations

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Reviewed By :John

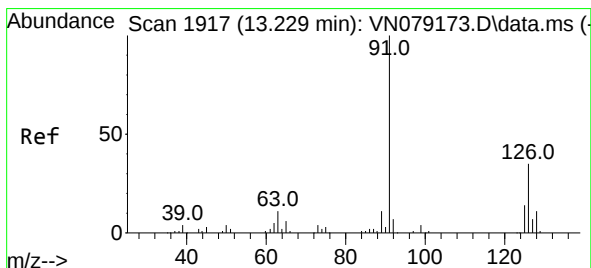
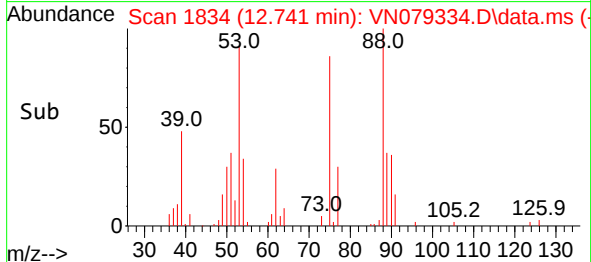
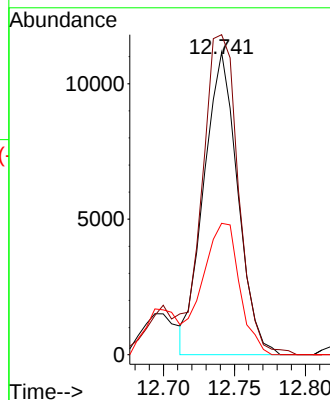
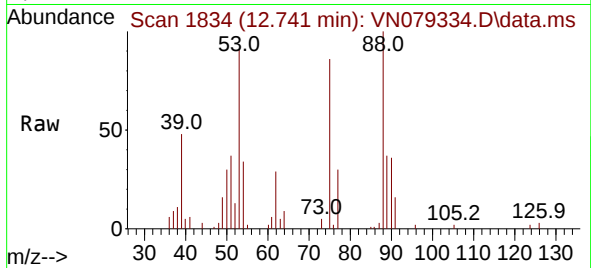
Carlone

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Supervised By :Mahesh

Dadoda

09/25/2023



#78

4-Chlorotoluene

Concen: 21.781 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. -0.006 min

Lab File: VN079334.D

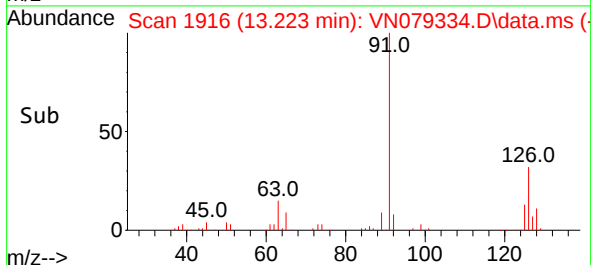
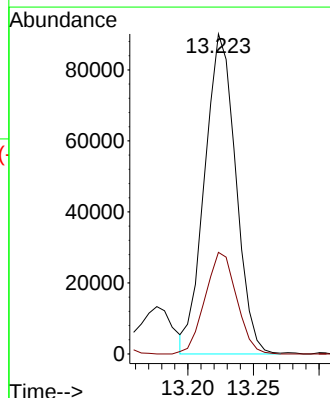
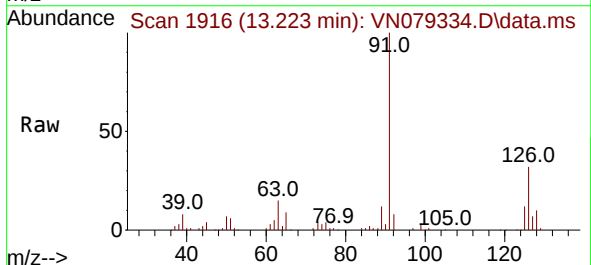
Acq: 22 Sep 2023 17:05

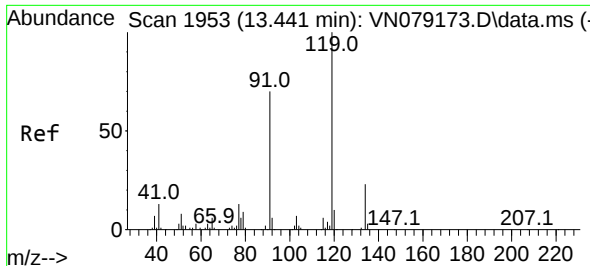
Tgt Ion: 91 Resp: 149025

Ion Ratio Lower Upper

91 100

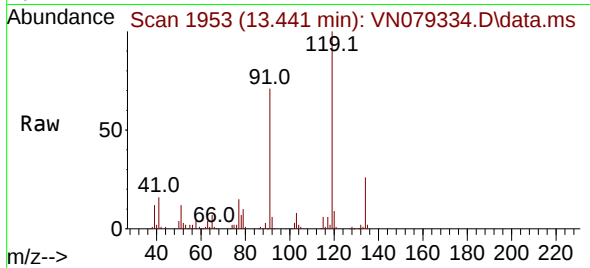
126 32.1 0.0 66.6





#79
tert-butylbenzene
Concen: 21.232 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

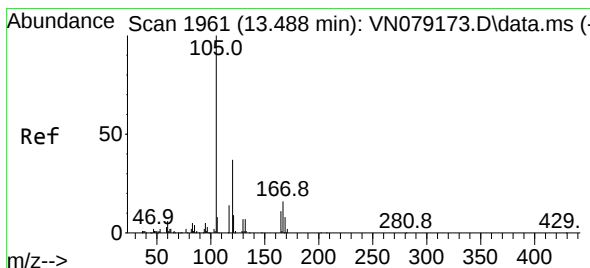
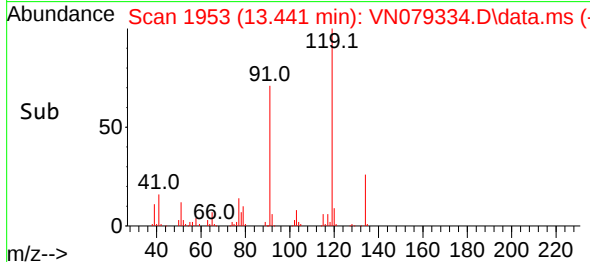
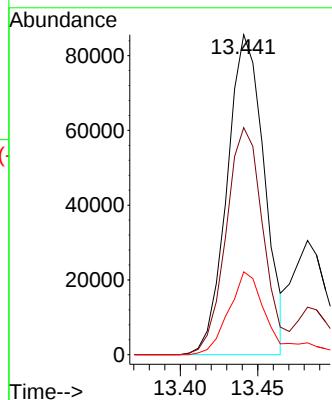


Tgt Ion:119 Resp: 142915
Ion Ratio Lower Upper
119 100
91 71.4 0.0 130.8
134 24.0 0.0 48.8

Manual Integrations
APPROVED

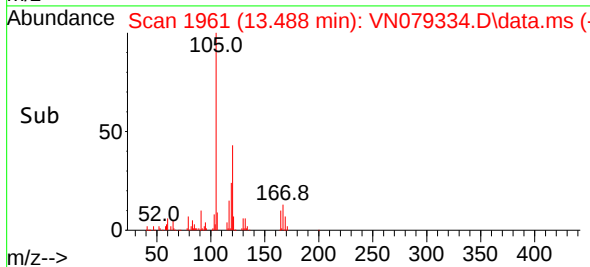
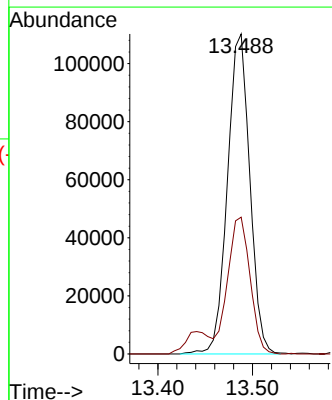
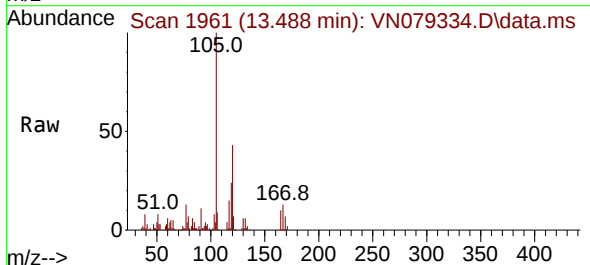
Reviewed By :John
Carlone
09/25/2023

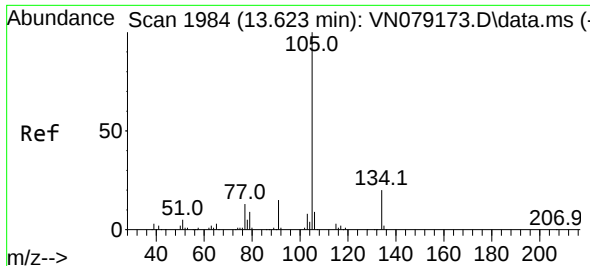
Supervised By :Mahesh
Dadoda
09/25/2023



#80
1,2,4-Trimethylbenzene
Concen: 23.100 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

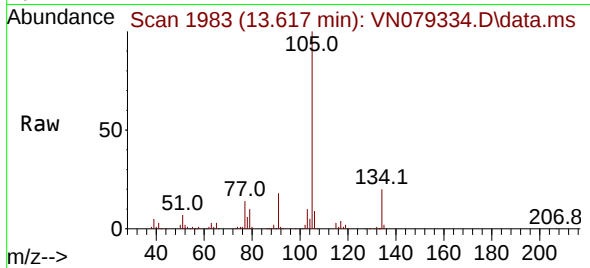
Tgt Ion:105 Resp: 180909
Ion Ratio Lower Upper
105 100
120 42.7 0.0 90.0





#81
 sec-Butylbenzene
 Concen: 22.342 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079334.D
 Acq: 22 Sep 2023 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

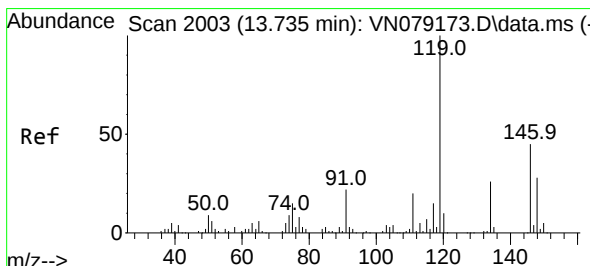
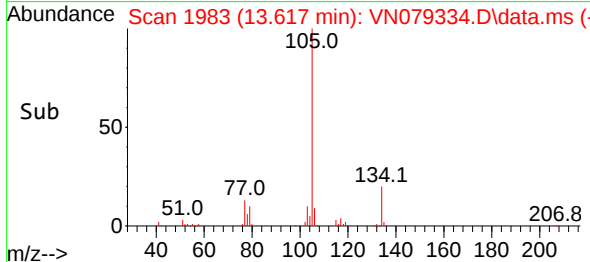
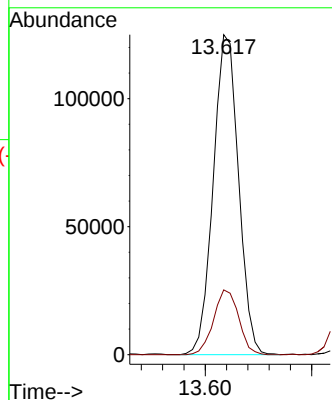


Tgt Ion:105 Resp: 20576
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 38.6

Manual Integrations
 APPROVED

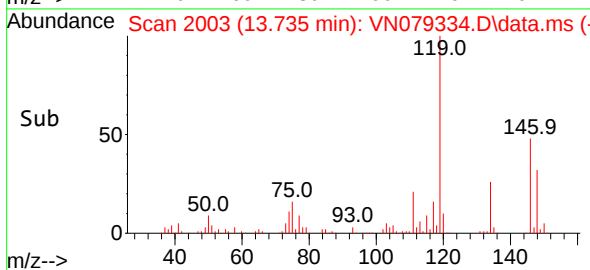
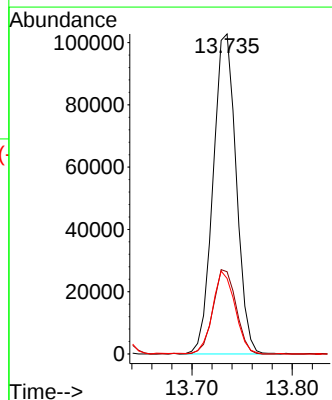
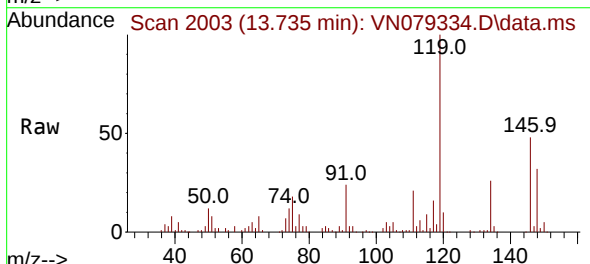
Reviewed By :John
 Carlone
 09/25/2023

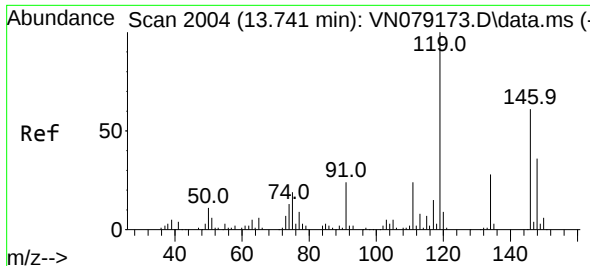
Supervised By :Mahesh
 Dadoda
 09/25/2023



#82
 p-Isopropyltoluene
 Concen: 22.616 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079334.D
 Acq: 22 Sep 2023 17:05

Tgt Ion:119 Resp: 164524
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 53.8
 91 25.2 0.0 48.0





#83
1,3-Dichlorobenzene
Concen: 21.627 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:146 Resp: 85093
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.5
148 63.2 31.8 95.3

Manual Integrations
APPROVED

Reviewed By :John

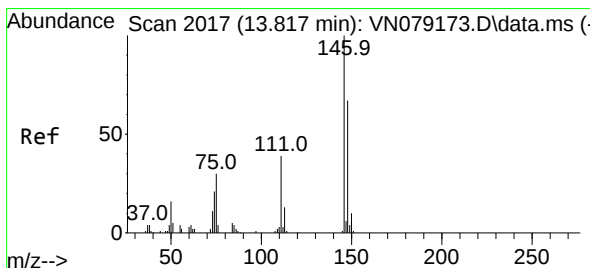
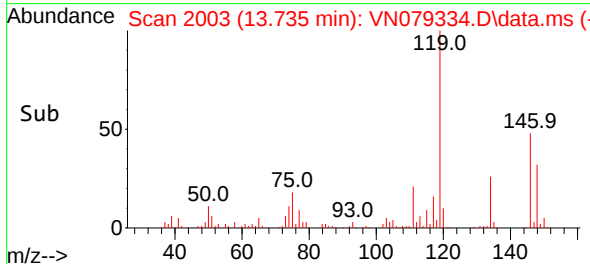
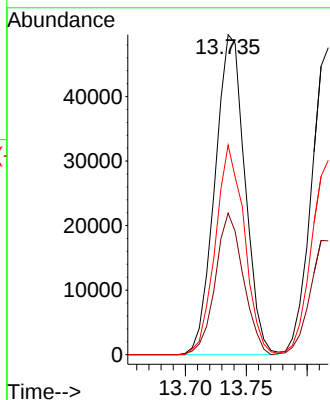
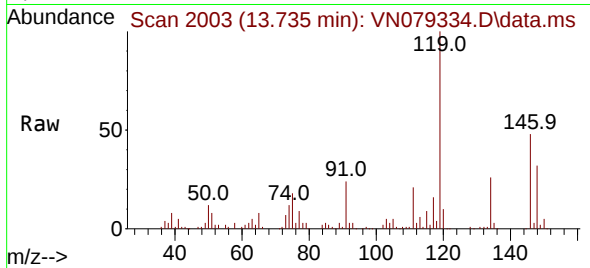
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Supervised By :Mahesh

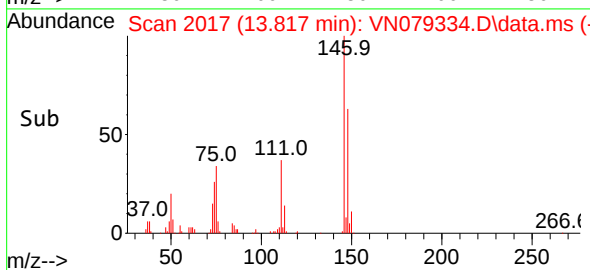
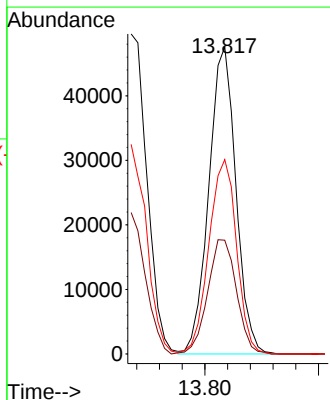
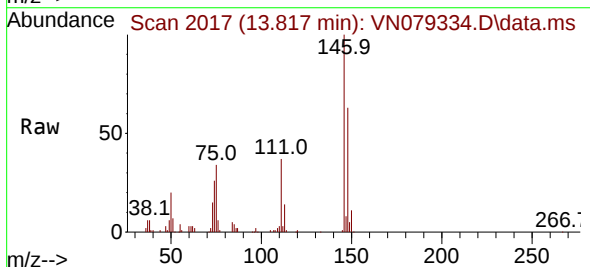
Dadoda

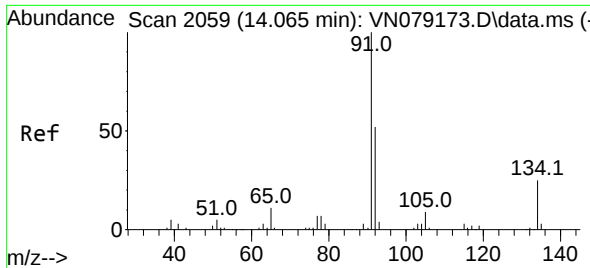
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#84
1,4-Dichlorobenzene
Concen: 21.380 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion:146 Resp: 78895
Ion Ratio Lower Upper
146 100
111 39.5 19.5 58.5
148 64.7 32.1 96.5





#85
n-Butylbenzene
Concen: 23.018 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 127538
Ion Ratio Lower Upper
91 100
92 49.4 0.0 105.0
134 23.3 0.0 49.6

Manual Integrations
APPROVED

Reviewed By :John

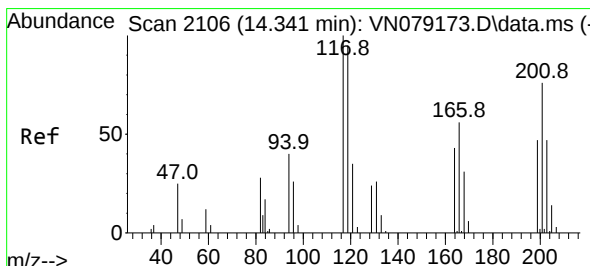
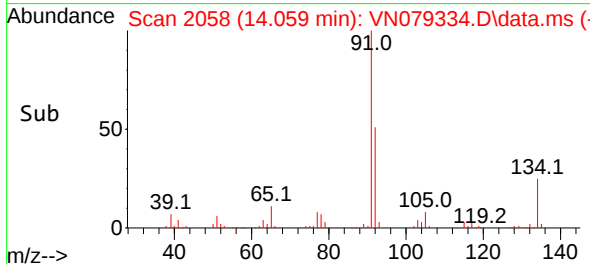
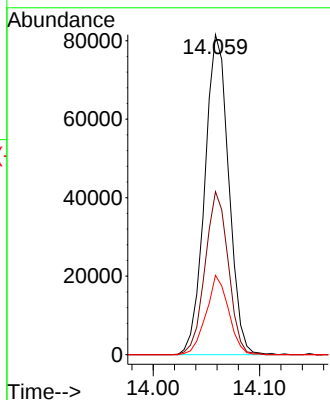
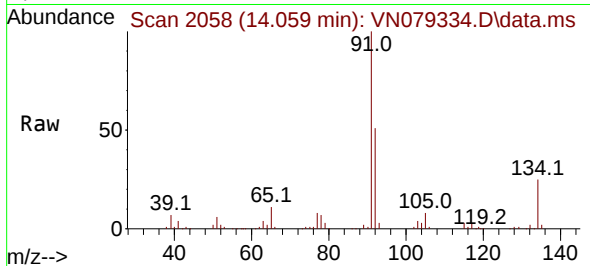
Carlone

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Supervised By :Mahesh

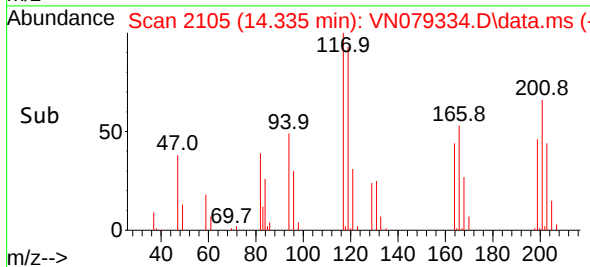
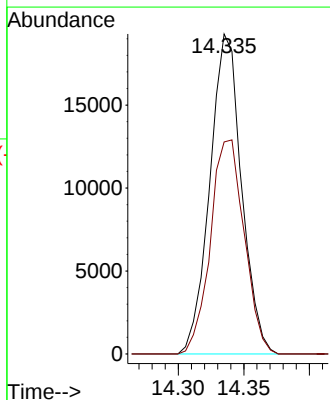
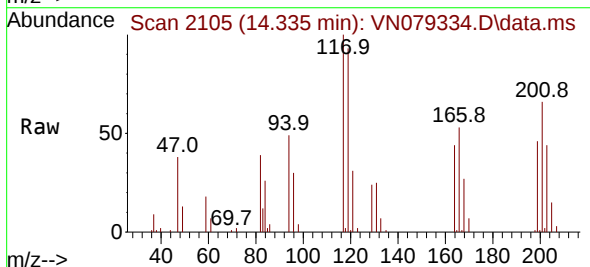
Dadoda

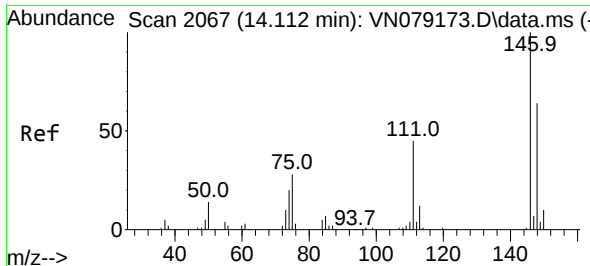
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#86
Hexachloroethane
Concen: 22.497 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion:117 Resp: 32404
Ion Ratio Lower Upper
117 100
201 71.3 37.2 111.6





#87

1,2-Dichlorobenzene

Concen: 21.851 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN079334.D

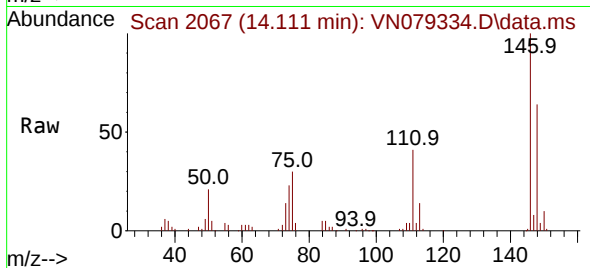
Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:	146	Resp:	8484
Ion Ratio	Lower	Upper	
146	100		
111	41.9	21.5	64.5
148	62.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John

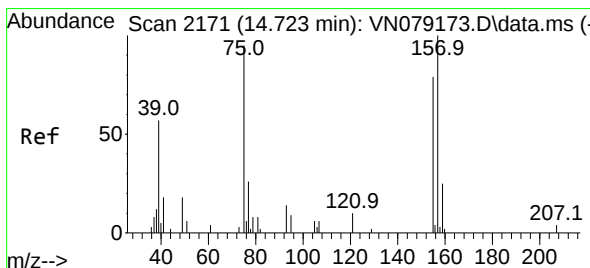
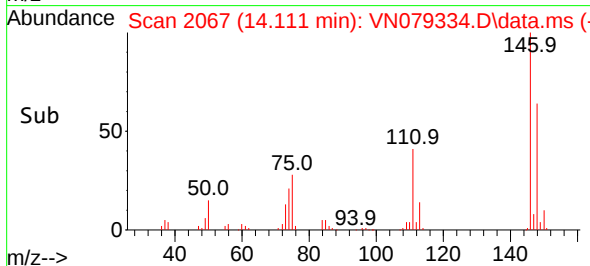
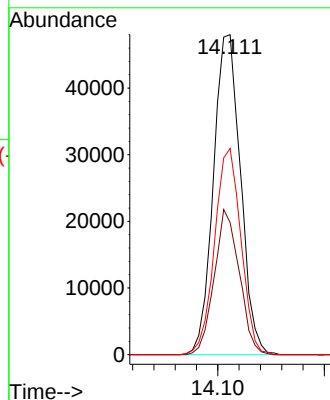
Carlone

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#88

1,2-Dibromo-3-Chloropropane

Concen: 15.928 ug/l

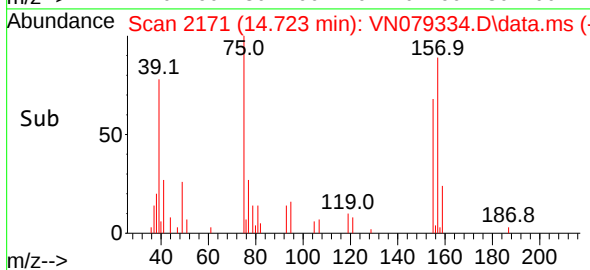
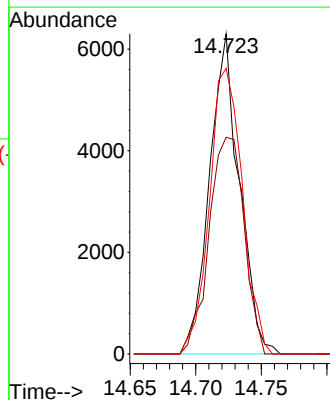
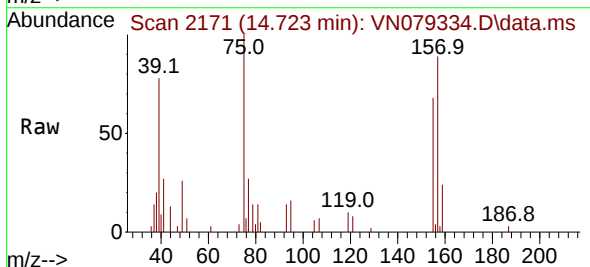
RT: 14.723 min Scan# 2171

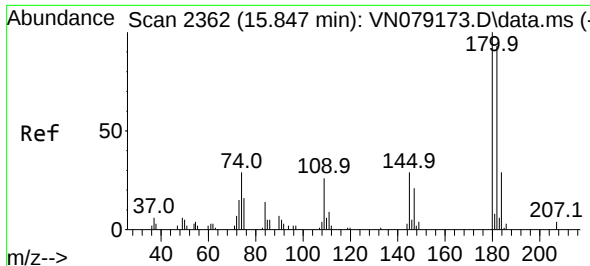
Delta R.T. 0.000 min

Lab File: VN079334.D

Acq: 22 Sep 2023 17:05

Tgt Ion:	75	Resp:	9989
Ion Ratio	Lower	Upper	
75	100		
155	79.3	68.1	102.1
157	98.1	83.9	125.9





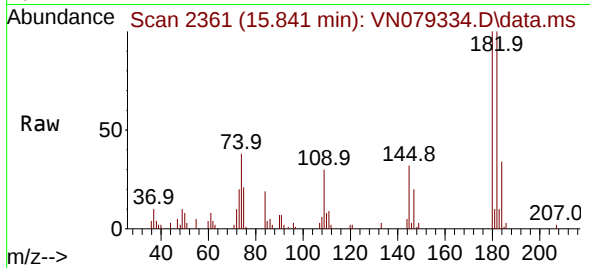
#89
1,2,4-Trichlorobenzene
Concen: 15.249 ug/l
RT: 15.841 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:180 Resp: 2533
Ion Ratio Lower Upper
180 100
182 96.3 74.5 111.7
145 33.6 26.2 39.2

Manual Integrations
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Reviewed By :John

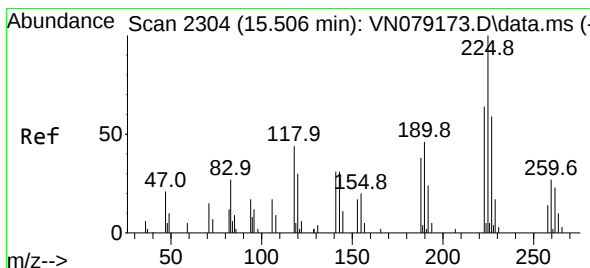
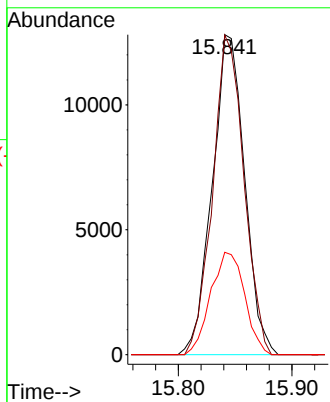
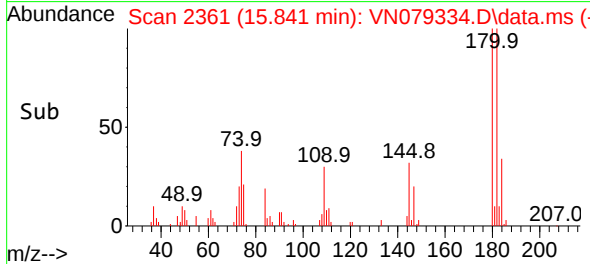
Carlone

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Supervised By :Mahesh

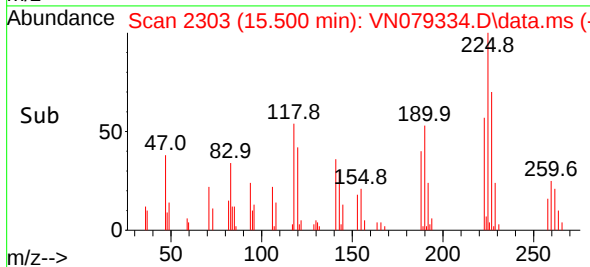
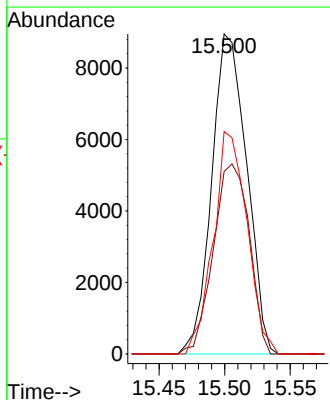
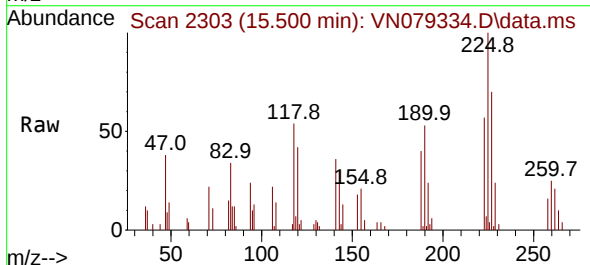
Dadoda

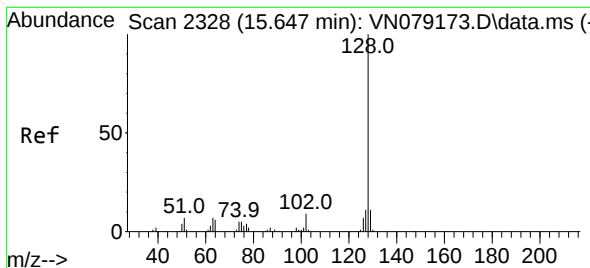
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#90
Hexachlorobutadiene
Concen: 16.461 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

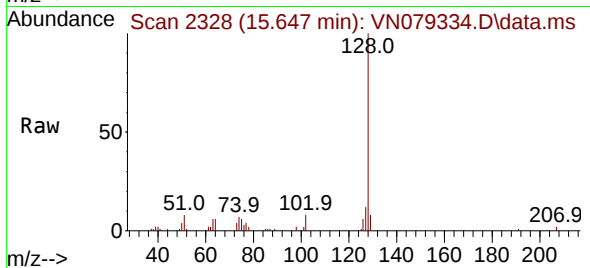
Tgt Ion:225 Resp: 16613
Ion Ratio Lower Upper
225 100
223 61.2 0.0 125.6
227 66.8 0.0 124.0





#91
Naphthalene
Concen: 12.912 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

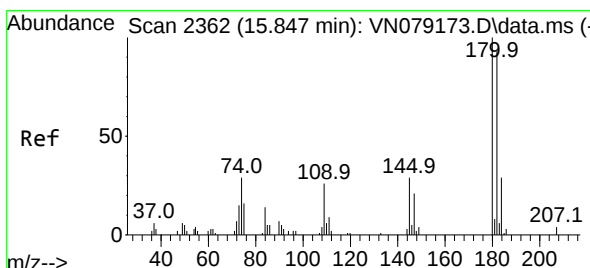
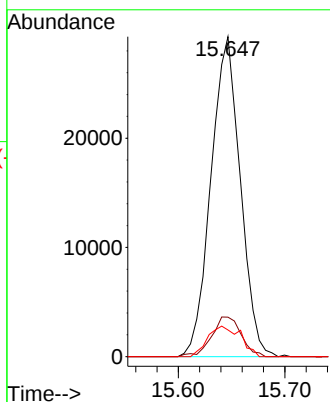
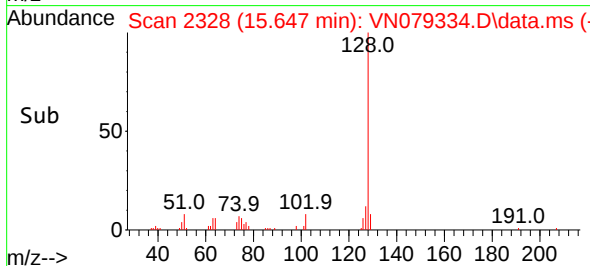


Tgt Ion:128 Resp: 5606
Ion Ratio Lower Upper
128 100
127 12.1 10.1 15.1
129 8.3 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone
09/25/2023

Supervised By :Mahesh
Dadoda
09/25/2023



#92
1,2,3-Trichlorobenzene
Concen: 15.249 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079334.D
Acq: 22 Sep 2023 17:05

Tgt Ion:180 Resp: 25337
Ion Ratio Lower Upper
180 100
182 96.3 0.0 186.2
145 33.6 0.0 65.4

