

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102324\
 Data File : VN084474.D
 Acq On : 23 Oct 2024 16:10
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024
 Supervised By :Mahesh Dadoda 10/24/2024

Quant Time: Oct 24 04:21:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.365	128	37165m	30.000	ug/l	-0.45
28) 1,4-Difluorobenzene	8.865	114	194783	30.000	ug/l	-0.24
57) Chlorobenzene-d5	11.812	117	184301	30.000	ug/l	-0.05
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.259	65	90017	30.085	ug/l	-0.32
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.267%			
60) 4-Bromofluorobenzene	12.823	95	93987	30.899	ug/l	-0.02
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.000%			
63) Toluene-d8	10.447	98	260755	30.540	ug/l	-0.12
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.800%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.136	62	1300	0.513	ug/l #	1
7) Trichlorofluoromethane	3.377	101	47601	11.541	ug/l	97
12) Methyl Acetate	4.883	43	29473m	10.174	ug/l	
15) Acetone	4.547	58	291	0.783	ug/l #	1
16) Carbon Disulfide	4.036	76	18623	2.703	ug/l #	41
17) Allyl chloride	4.894	41	36540	9.741	ug/l #	65
21) 1,1-Dichloroethane	5.836	63	91887	19.855	ug/l	98
22) cis-1,2-Dichloroethene	6.965	96	57200	20.071	ug/l	99
23) tert-Butyl Alcohol	4.912	59	206	0.413	ug/l #	100
25) Chloroform	7.559	83	99578	21.245	ug/l	98
26) Cyclohexane	7.883	56	69973	18.078	ug/l #	95
29) 1,1-Dichloropropene	8.024	75	64218	20.084	ug/l	98
31) 2,2-Dichloropropane	7.877	77	1249	0.332	ug/l #	1
32) 1,1,1-Trichloroethane	7.782	97	90069	22.038	ug/l	99
33) Carbon Tetrachloride	8.006	117	76315	21.553	ug/l	96
34) Benzene	8.288	78	214863	21.467	ug/l	98
35) Methacrylonitrile	7.335	41	26357	14.512	ug/l	98
36) 1,2-Dichloroethane	8.371	62	73422	22.007	ug/l	100
37) Trichloroethene	9.129	130	48293	20.953	ug/l	91
38) Methylcyclohexane	9.406	83	67499	19.218	ug/l	97
39) 1,2-Dichloropropane	9.429	63	54187	22.200	ug/l	97
40) Dibromomethane	9.524	93	37131	21.766	ug/l	96
41) Bromodichloromethane	9.724	83	78917	21.792	ug/l	91
45) 1,4-Dioxane	9.559	88	176	3.553	ug/l #	1
46) Methyl methacrylate	9.512	41	50921	19.178	ug/l	98
47) n-amyl Acetate	12.470	43	95415	19.520	ug/l	97
48) t-1,3-Dichloropropene	10.747	75	75450	20.162	ug/l	99
49) cis-1,3-Dichloropropene	10.182	75	83250	21.227	ug/l	97
50) 1,1,2-Trichloroethane	10.935	97	49875	21.752	ug/l	98
51) Ethyl methacrylate	10.788	69	73122	19.307	ug/l	97
52) 1,3-Dichloropropane	11.082	76	85270	21.268	ug/l	99
53) Dibromochloromethane	11.288	129	59062	21.805	ug/l	99
54) 1,2-Dibromoethane	11.400	107	49571	21.003	ug/l	98
55) 2-Chloroethyl vinyl ether	10.029	63	165368	96.270	ug/l	99
56) Bromoform	12.547	173	37218	20.717	ug/l	99
58) 4-Methyl-2-Pentanone	10.329	43	324774	94.597	ug/l	100
59) 2-Hexanone	11.123	43	248303	97.329	ug/l	99
61) Tetrachloroethene	11.018	164	42430	20.353	ug/l	96
62) Toluene	10.518	91	227045	21.043	ug/l	99

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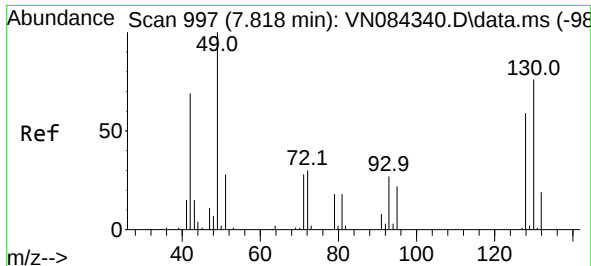
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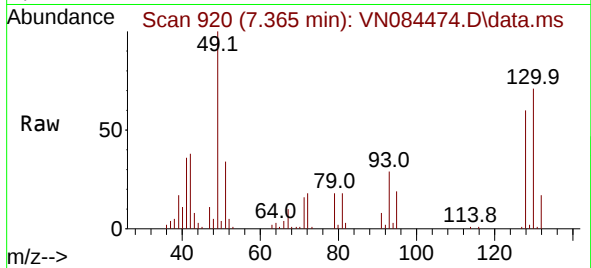
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) Chlorobenzene	11.835	112	142297	21.194	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.912	131	51030	21.878	ug/l	98
66) Ethyl Benzene	11.918	91	241701	20.619	ug/l	100
67) m/p-Xylenes	12.029	106	189279	42.565	ug/l	98
68) o-Xylene	12.365	106	88188	20.575	ug/l	99
69) Styrene	12.376	104	154850	21.045	ug/l	99
70) Isopropylbenzene	12.670	105	228943	20.923	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	71143	21.017	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	62263m	21.477	ug/l	
73) Bromobenzene	12.953	156	57632	21.748	ug/l	94
74) n-propylbenzene	13.012	91	278325	21.345	ug/l	99
75) 2-Chlorotoluene	13.106	91	172991	21.350	ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	199413	21.644	ug/l	100
77) t-1,4-Dichloro-2-butene	12.712	75	18474	14.913	ug/l	86
78) 4-Chlorotoluene	13.200	91	173928	21.113	ug/l	98
79) tert-butylbenzene	13.423	119	162943	20.730	ug/l	99
80) 1,2,4-Trimethylbenzene	13.470	105	203963	21.818	ug/l	100
81) sec-Butylbenzene	13.606	105	234779	21.695	ug/l	99
82) p-Isopropyltoluene	13.717	119	195523	21.466	ug/l	99
83) 1,3-Dichlorobenzene	13.717	146	105852	21.482	ug/l	99
84) 1,4-Dichlorobenzene	13.800	146	103105	21.072	ug/l	97
85) n-Butylbenzene	14.047	91	164870	20.899	ug/l	99
86) Hexachloroethane	14.323	117	36599	20.856	ug/l	99
87) 1,2-Dichlorobenzene	14.094	146	101993	21.409	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.711	75	12477	18.024	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	48003	19.379	ug/l	99
90) Hexachlorobutadiene	15.494	225	23851	20.814	ug/l	97
91) Naphthalene	15.635	128	139454	16.614	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	48003	19.379	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.365 min Scan# 91
Delta R.T. -0.453 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

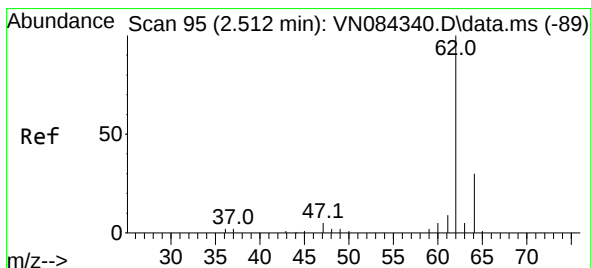
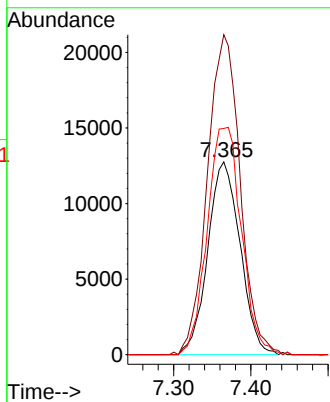
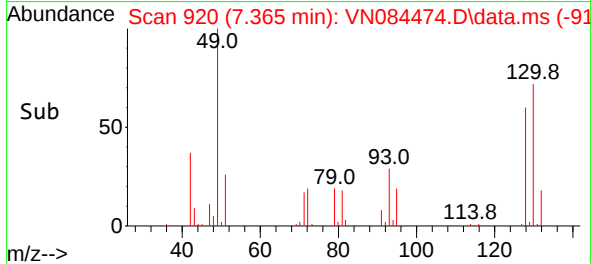
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VSTDCCC020EC



Tgt Ion:128 Resp: 3716
Ion Ratio Lower Upper
128 100
49 0.2 0.0 430.0
130 0.2 0.0 329.8

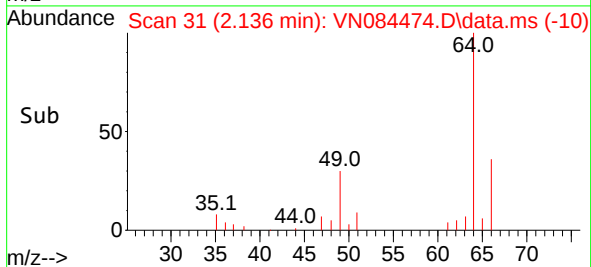
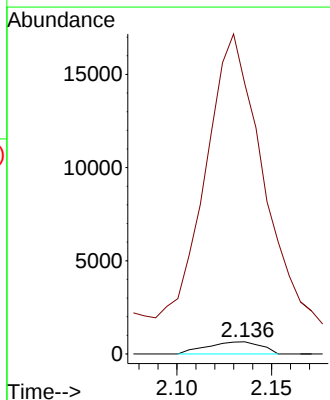
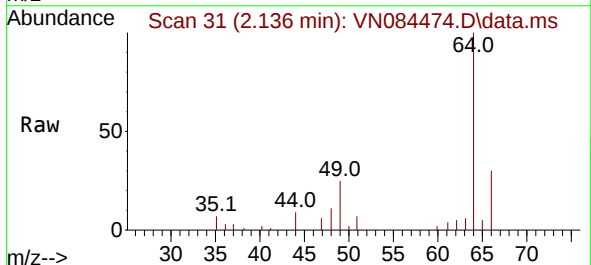
Manual Integrations
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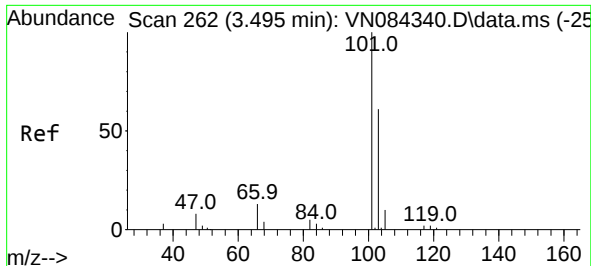
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#4
Vinyl Chloride
Concen: 0.513 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.376 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Tgt Ion: 62 Resp: 1300
Ion Ratio Lower Upper
62 100
64 1762.5 24.3 36.5#





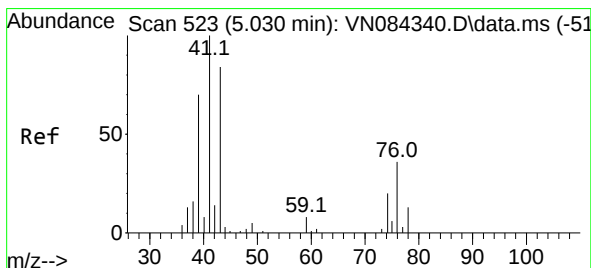
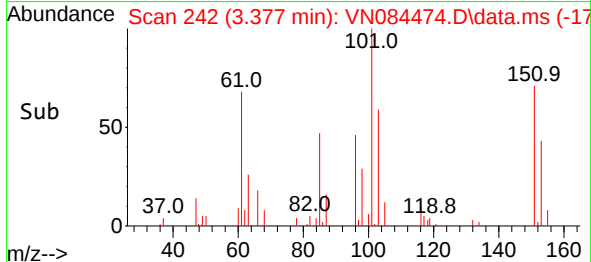
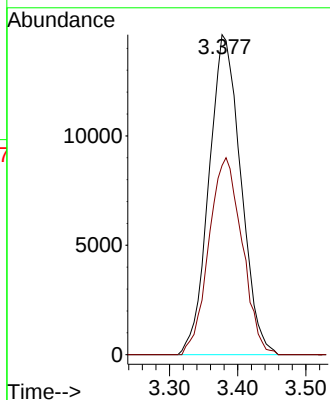
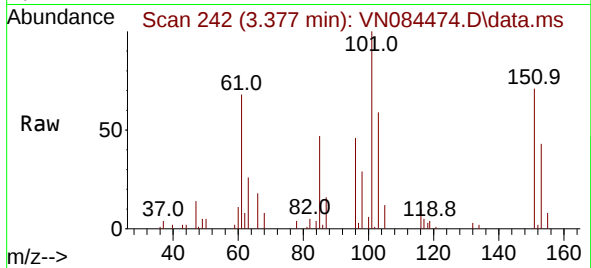
#7
 Trichlorofluoromethane
 Concen: 11.541 ug/l
 RT: 3.377 min Scan# 242
 Delta R.T. -0.118 min
 Lab File: VN084474.D
 Acq: 23 Oct 2024 16:10

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Tgt Ion:101 Resp: 4760
 Ion Ratio Lower Upper
 101 100
 103 59.1 49.0 73.6

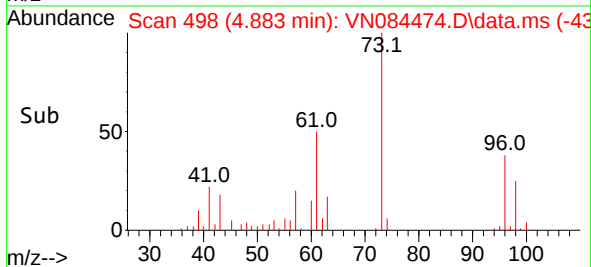
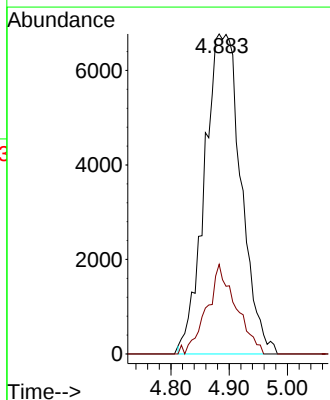
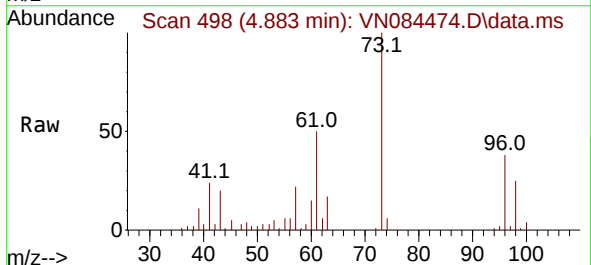
Manual Integrations
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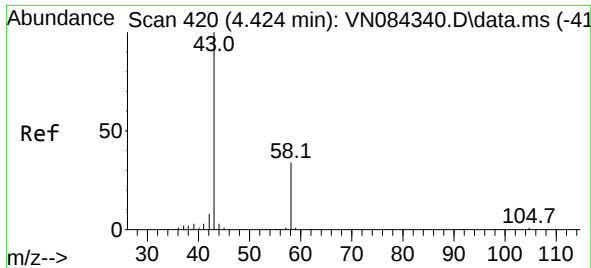
Reviewed By :Semsettin Yesilyurt 10/24/2024
 Supervised By :Mahesh Dadoda 10/24/2024



#12
 Methyl Acetate
 Concen: 10.174 ug/l m
 RT: 4.883 min Scan# 498
 Delta R.T. -0.147 min
 Lab File: VN084474.D
 Acq: 23 Oct 2024 16:10

Tgt Ion: 43 Resp: 29473
 Ion Ratio Lower Upper
 43 100
 74 28.0 19.4 29.2





#15

Acetone

Concen: 0.783 ug/l

RT: 4.547 min Scan# 44

Delta R.T. 0.124 min

Lab File: VN084474.D

Acq: 23 Oct 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 29

Ion Ratio Lower Upper

58 100

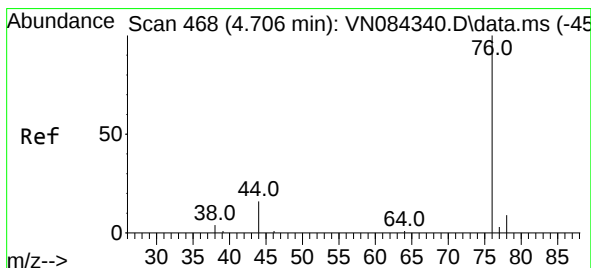
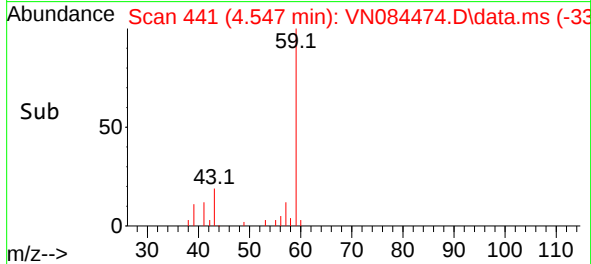
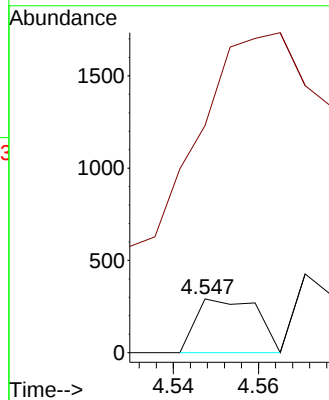
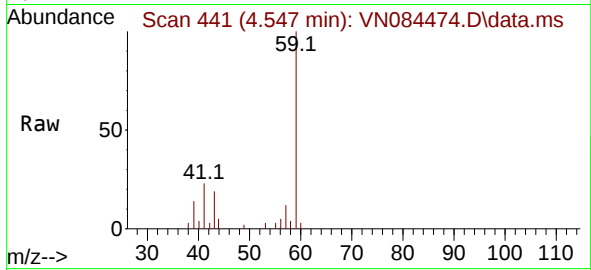
43 80.4 237.5 356.3

Manual Integrations

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#16

Carbon Disulfide

Concen: 2.703 ug/l

RT: 4.036 min Scan# 354

Delta R.T. -0.671 min

Lab File: VN084474.D

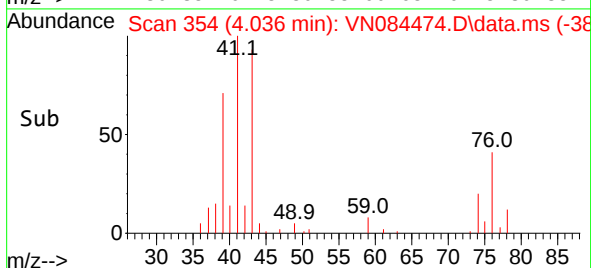
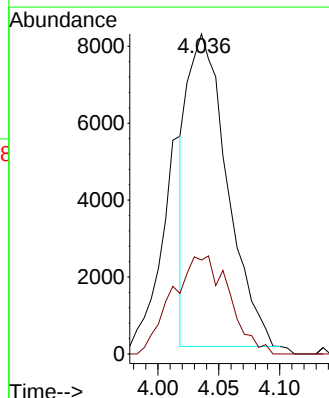
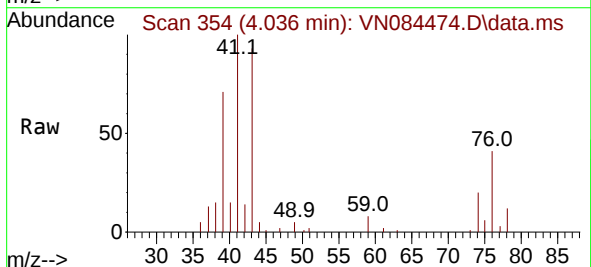
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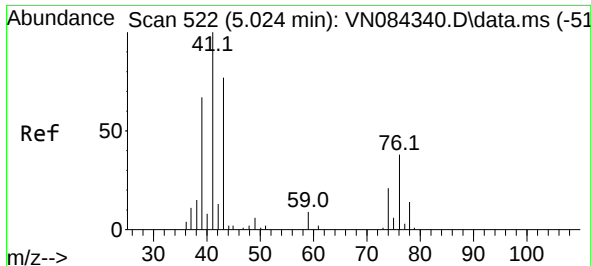
Tgt Ion: 76 Resp: 18623

Ion Ratio Lower Upper

76 100

78 30.1 7.1 10.7#





#17
 Allyl chloride
 Concen: 9.741 ug/l
 RT: 4.894 min Scan# 50
 Delta R.T. -0.129 min
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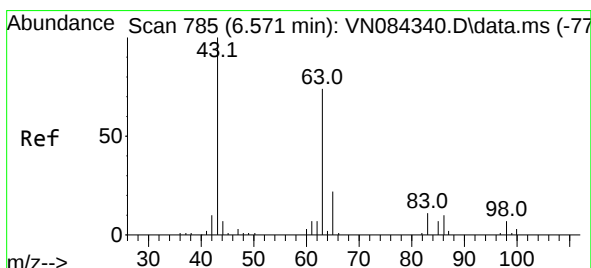
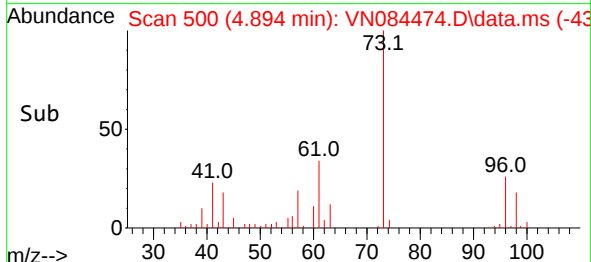
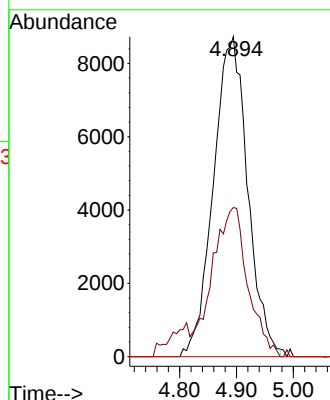
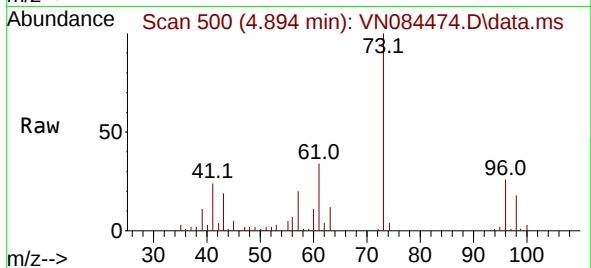
VSTDCCC020EC

Tgt Ion: 41 Resp: 36540
 Ion Ratio Lower Upper
 41 100
 39 46.6 31.4 94.3
 76 0.0 17.8 53.5

Manual Integrations

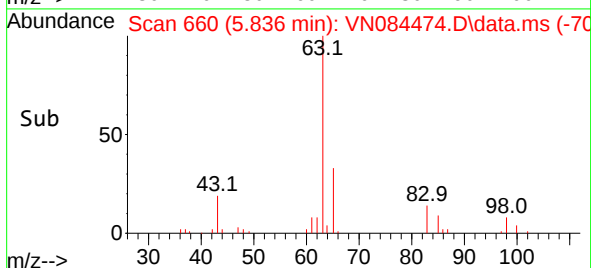
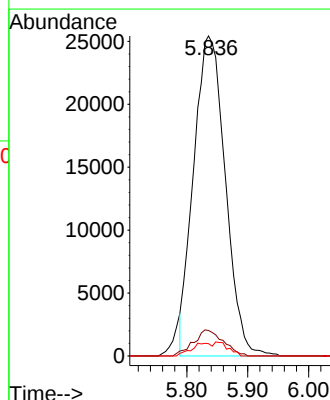
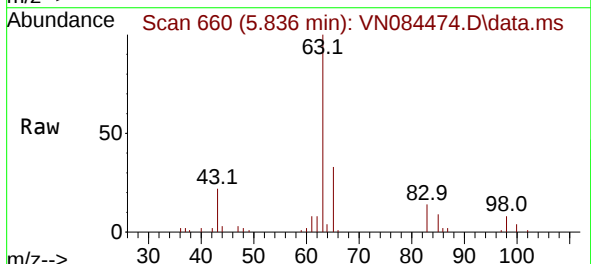
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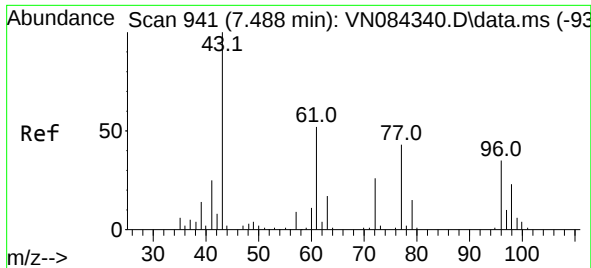
Reviewed By :Semsettin Yesilyurt 10/24/2024
 Supervised By :Mahesh Dadoda 10/24/2024



#21
 1,1-Dichloroethane
 Concen: 19.855 ug/l
 RT: 5.836 min Scan# 660
 Delta R.T. -0.735 min
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Tgt Ion: 63 Resp: 91887
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.5 13.4
 100 3.8 2.1 6.3





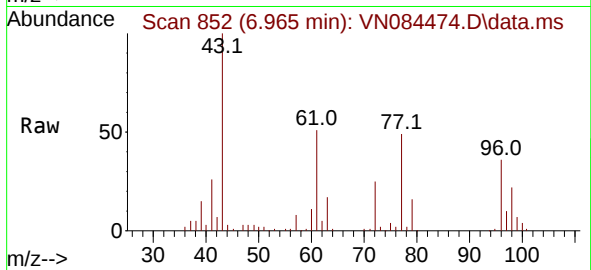
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cis-1,2-Dichloroethene
Concen: 20.071 ug/l
RT: 6.965 min Scan# 81
Delta R.T. -0.524 min
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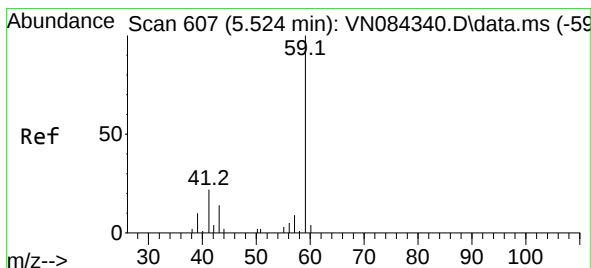
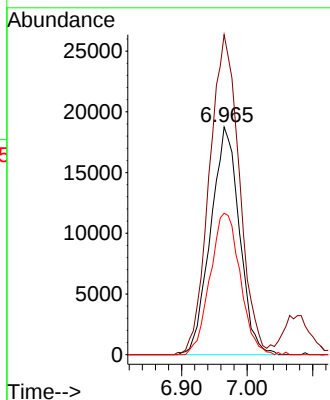
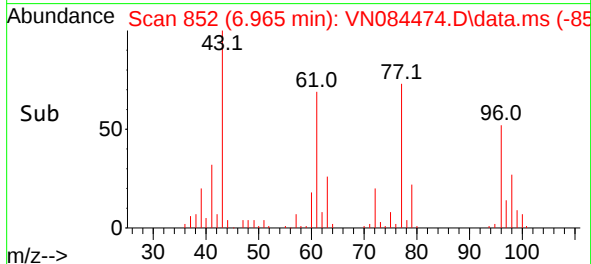


Tgt Ion: 96 Resp: 57200
Ion Ratio Lower Upper
96 100
61 146.1 118.0 177.0
98 64.6 51.8 77.8

Manual Integrations

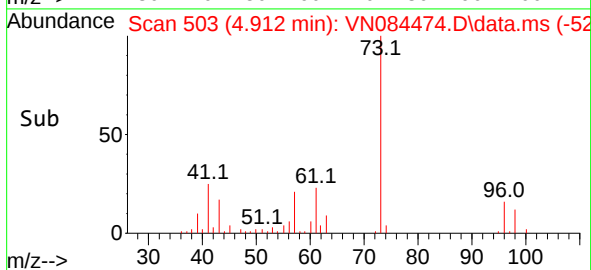
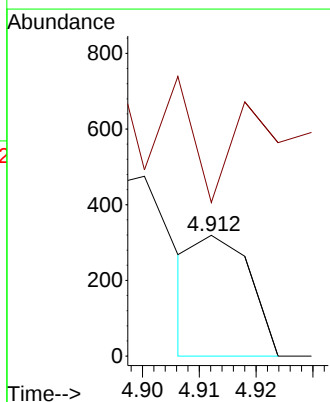
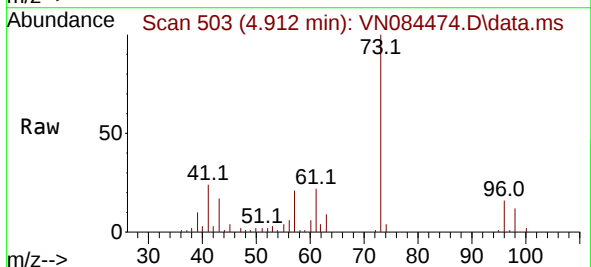
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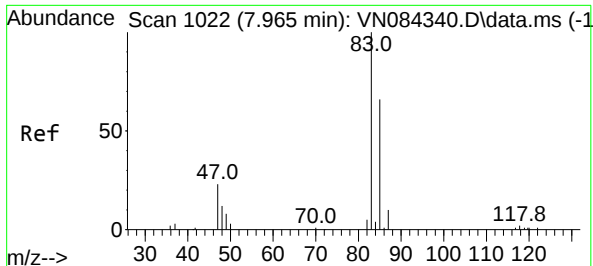
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#23
tert-Butyl Alcohol
Concen: 0.413 ug/l
RT: 4.912 min Scan# 503
Delta R.T. -0.612 min
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Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
52 324.3 0.0 0.0#





#25

Chloroform

Concen: 21.245 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.406 min

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Instrument :

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VSTDCCC020EC

Tgt Ion: 83 Resp: 99578

Ion Ratio Lower Upper

83 100

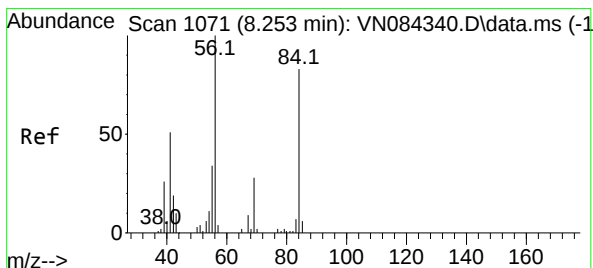
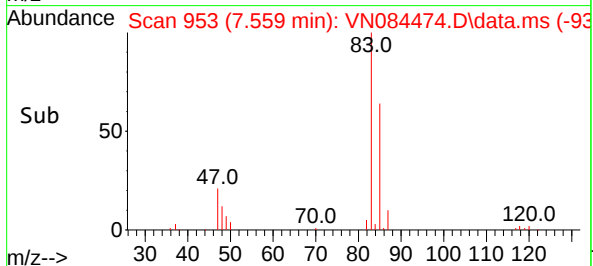
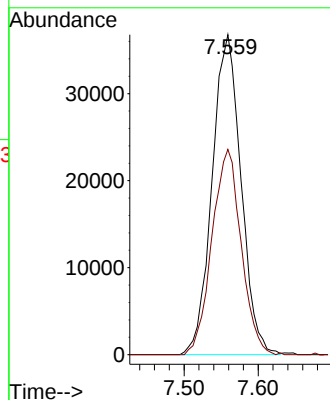
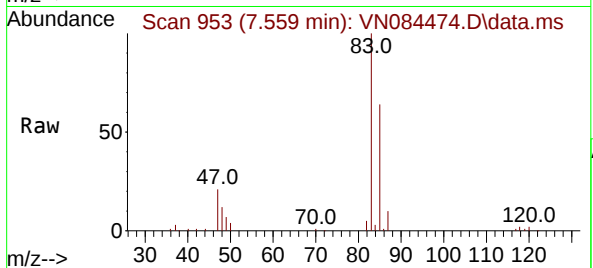
85 64.2 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024

Supervised By :Mahesh Dadoda 10/24/2024



#26

Cyclohexane

Concen: 18.078 ug/l

RT: 7.883 min Scan# 1008

Delta R.T. -0.371 min

Lab File: VN084474.D

Acq: 23 Oct 2024 16:10

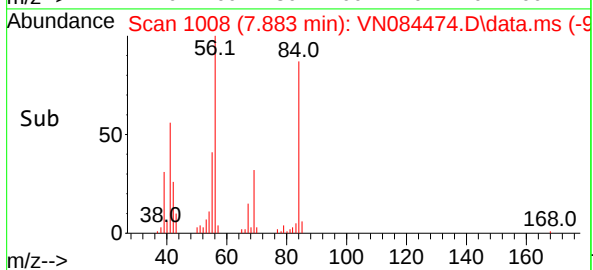
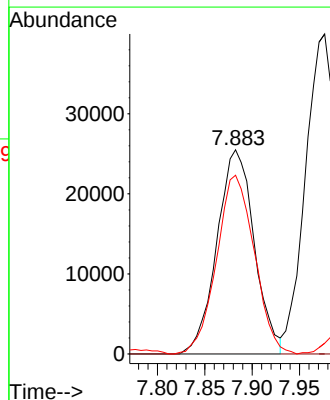
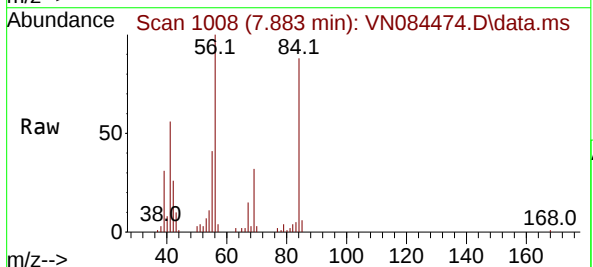
Tgt Ion: 56 Resp: 69973

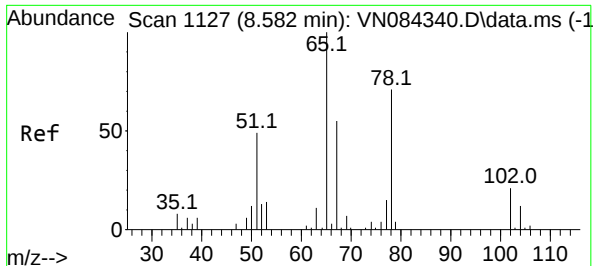
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.5 67.0 100.6





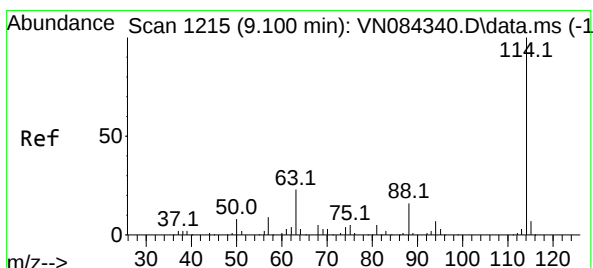
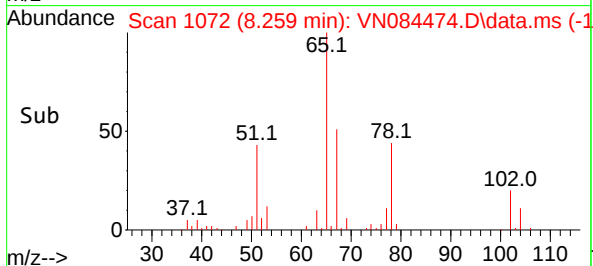
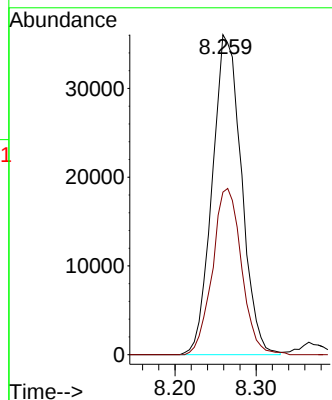
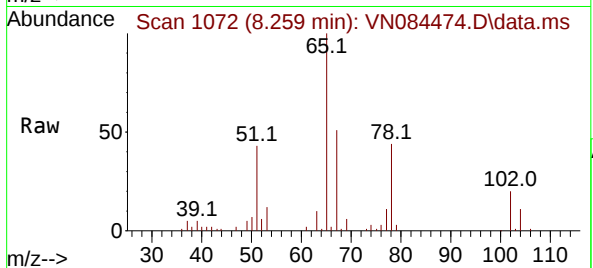
#27
1,2-Dichloroethane-d4
Concen: 30.085 ug/l
RT: 8.259 min Scan# 1107
Delta R.T. -0.324 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 9001
Ion Ratio Lower Upper
65 100
67 51.7 41.5 62.3

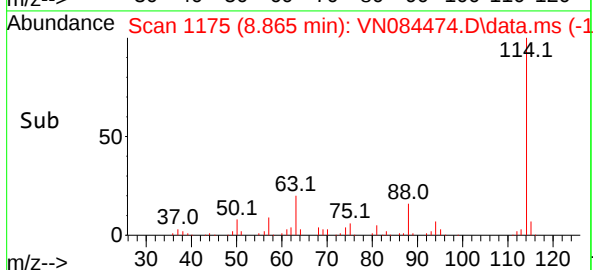
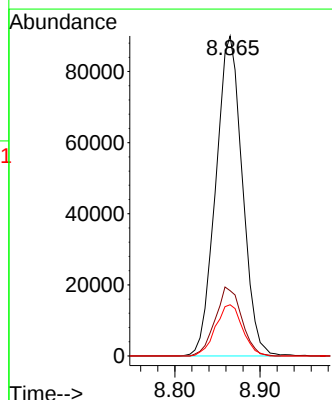
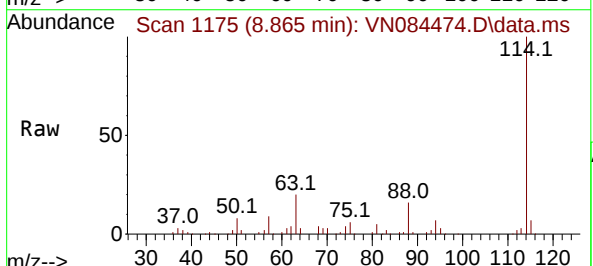
Manual Integrations
APPROVED

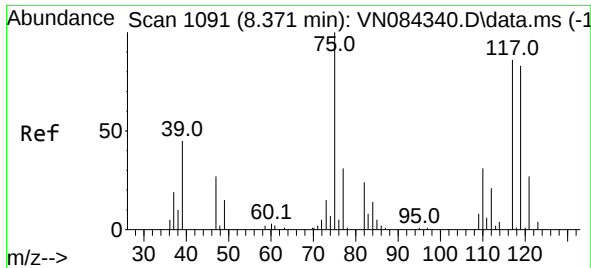
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.865 min Scan# 1175
Delta R.T. -0.235 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Tgt Ion:114 Resp: 194783
Ion Ratio Lower Upper
114 100
63 21.3 17.4 26.0
88 16.2 13.2 19.8





#29
1,1-Dichloropropene
Concen: 20.084 ug/l
RT: 8.024 min Scan# 1032
Delta R.T. -0.347 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

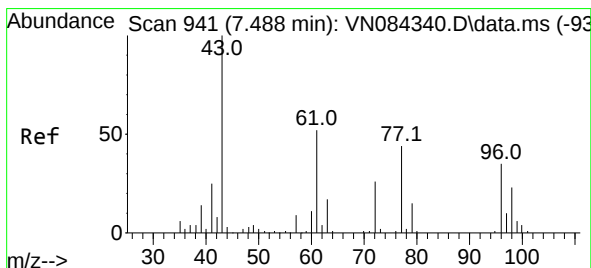
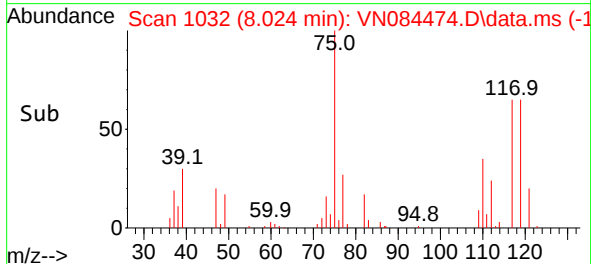
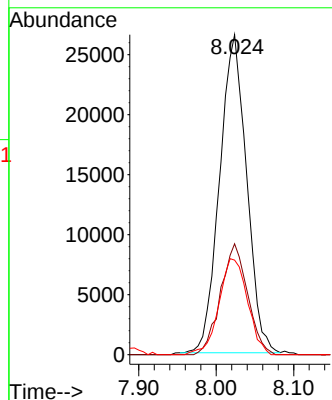
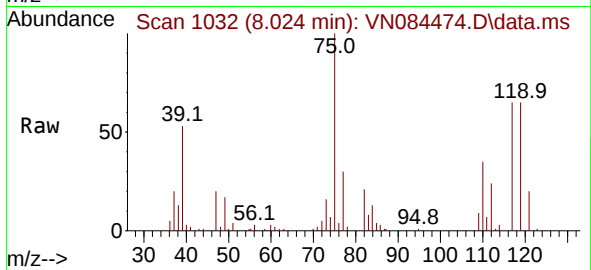
VSTDCCC020EC

Tgt Ion: 75 Resp: 64218
Ion Ratio Lower Upper
75 100
110 34.9 0.0 67.6
77 32.0 0.0 61.4

Manual Integrations

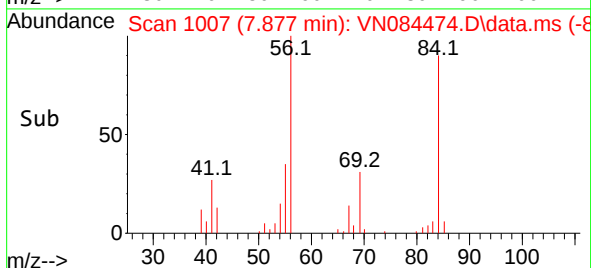
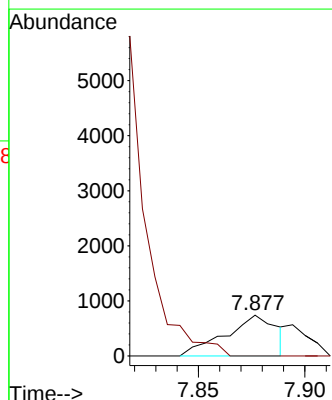
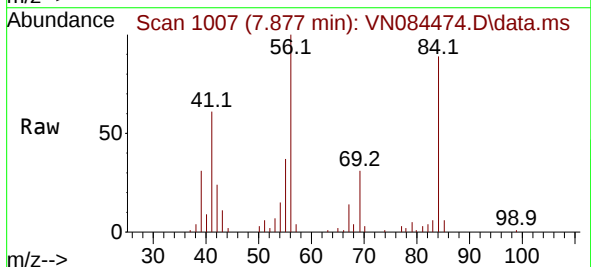
APPROVED

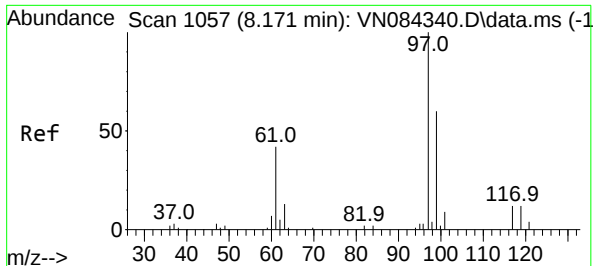
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#31
2,2-Dichloropropane
Concen: 0.332 ug/l
RT: 7.877 min Scan# 1007
Delta R.T. 0.388 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Tgt Ion: 77 Resp: 1249
Ion Ratio Lower Upper
77 100
97 7211.3 11.5 17.3#





#32
1,1,1-Trichloroethane
Concen: 22.038 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.388 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

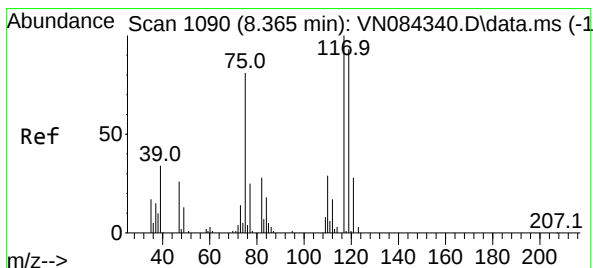
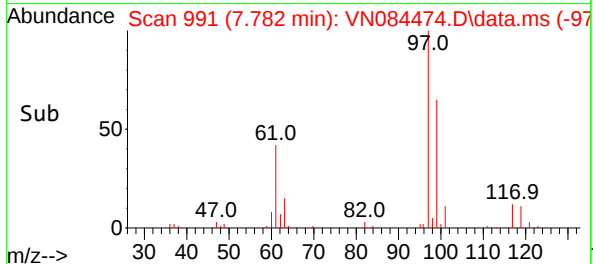
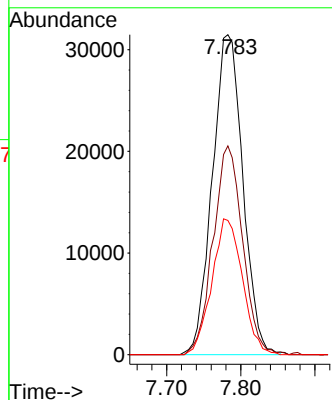
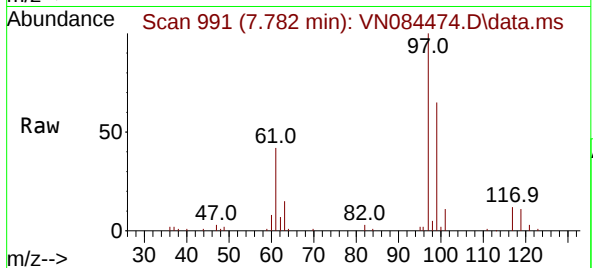
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 97 Resp: 90069

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.2	76.8
61	42.5	34.1	51.1

Manual Integrations
APPROVED

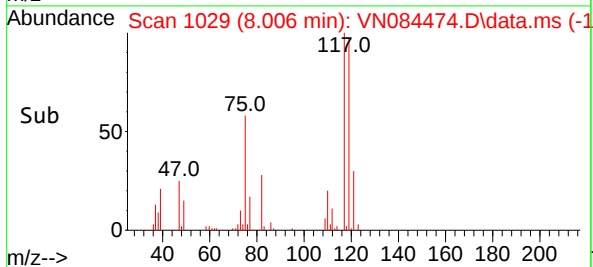
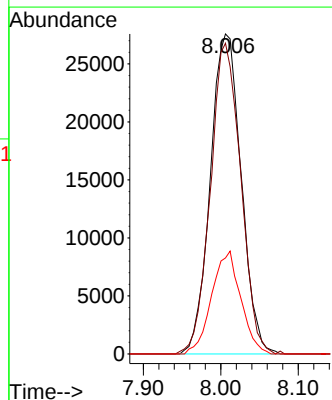
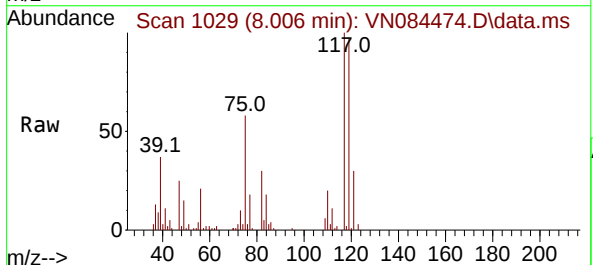
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024

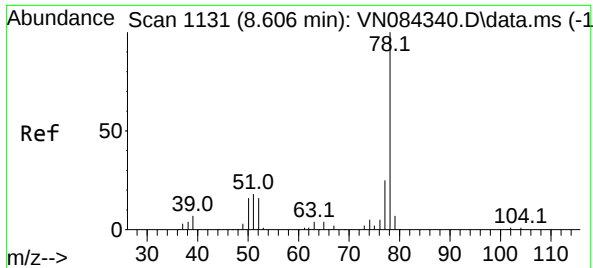


#33
Carbon Tetrachloride
Concen: 21.553 ug/l
RT: 8.006 min Scan# 1029
Delta R.T. -0.359 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Tgt Ion:117 Resp: 76315

Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.3	111.5
121	30.0	22.4	33.6





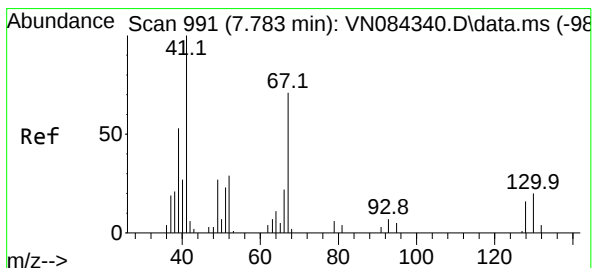
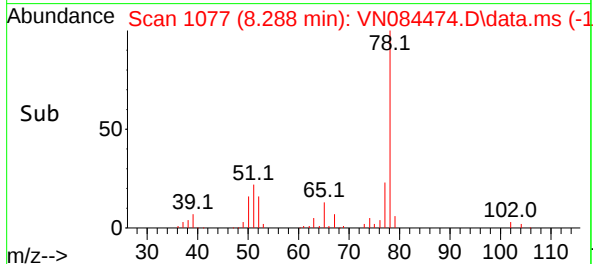
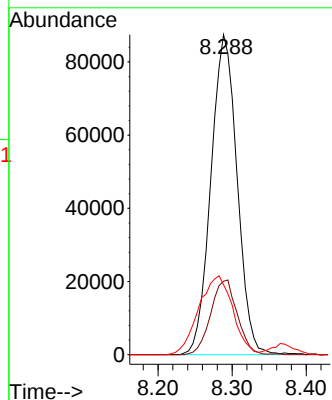
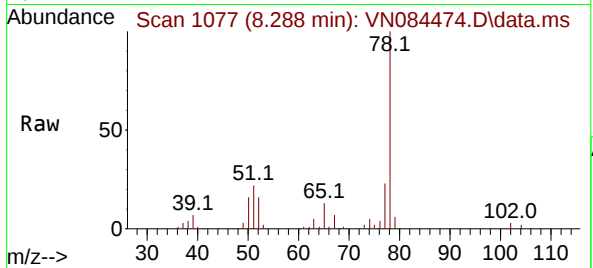
#34
Benzene
Concen: 21.467 ug/l
RT: 8.288 min Scan# 1077
Delta R.T. -0.318 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 78 Resp: 21486
Ion Ratio Lower Upper
78 100
77 22.9 19.6 29.4
51 20.0 15.8 23.6

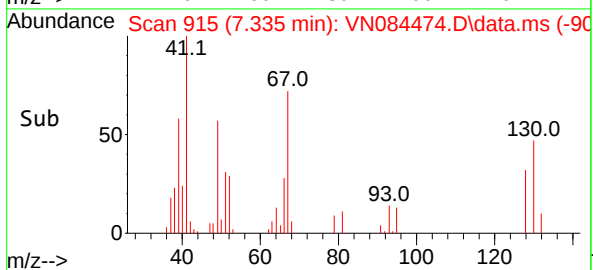
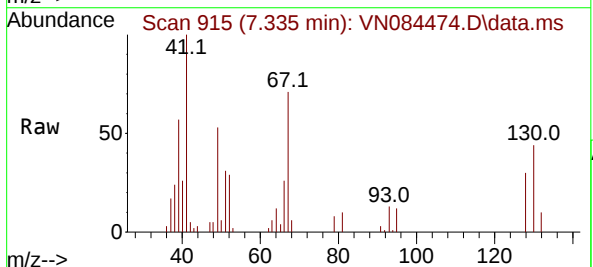
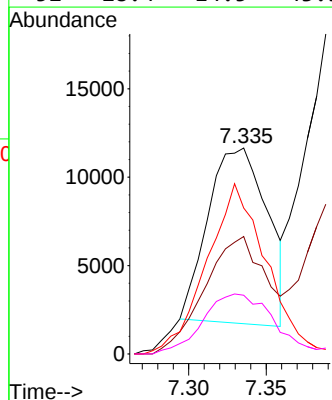
Manual Integrations
APPROVED

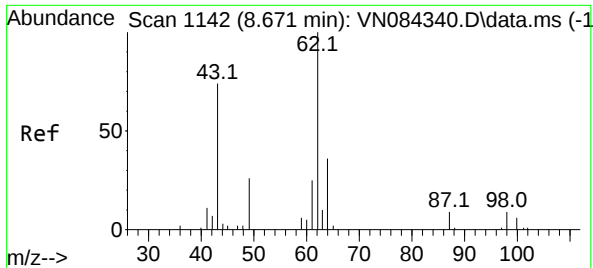
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#35
Methacrylonitrile
Concen: 14.512 ug/l
RT: 7.335 min Scan# 915
Delta R.T. -0.447 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Tgt Ion: 41 Resp: 26357
Ion Ratio Lower Upper
41 100
39 55.7 26.4 79.0
67 72.5 35.7 107.1
52 28.4 14.5 43.5





#36

1,2-Dichloroethane

Concen: 22.007 ug/l

RT: 8.371 min Scan# 1142

Delta R.T. -0.300 min

Lab File: VN084474.D

Acq: 23 Oct 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 62 Resp: 7342

Ion Ratio Lower Upper

62 100

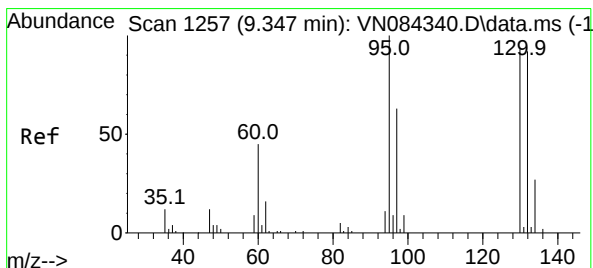
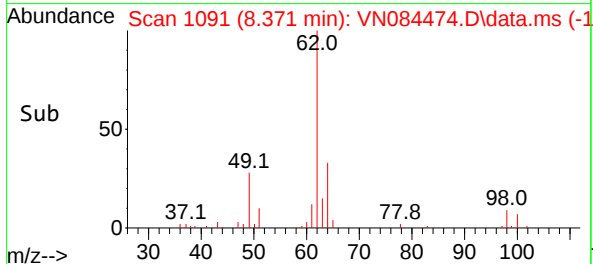
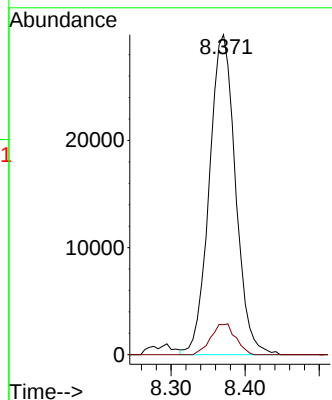
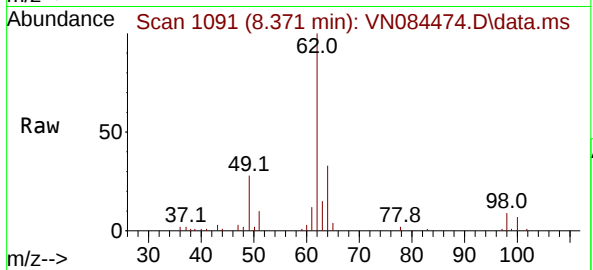
98 9.1 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024

Supervised By :Mahesh Dadoda 10/24/2024



#37

Trichloroethene

Concen: 20.953 ug/l

RT: 9.129 min Scan# 1220

Delta R.T. -0.218 min

Lab File: VN084474.D

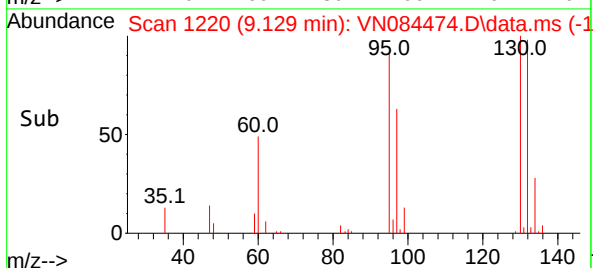
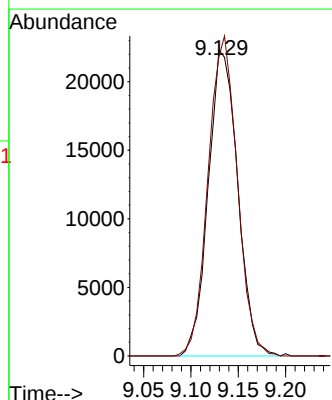
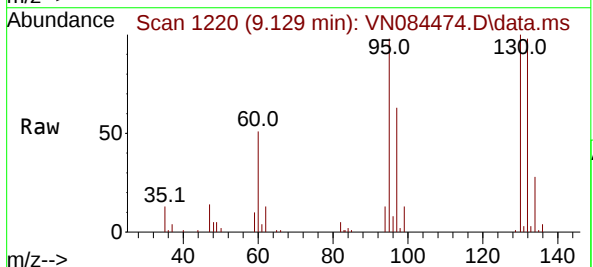
Acq: 23 Oct 2024 16:10

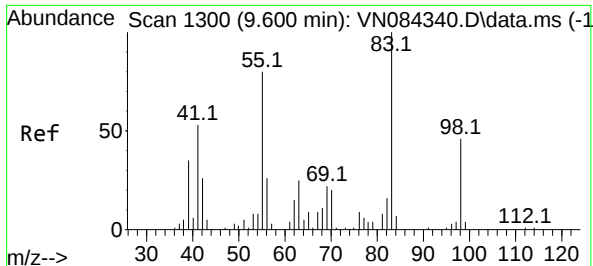
Tgt Ion:130 Resp: 48293

Ion Ratio Lower Upper

130 100

95 97.7 85.8 128.6





#38
Methylcyclohexane
Concen: 19.218 ug/l
RT: 9.406 min Scan# 1267
Delta R.T. -0.194 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

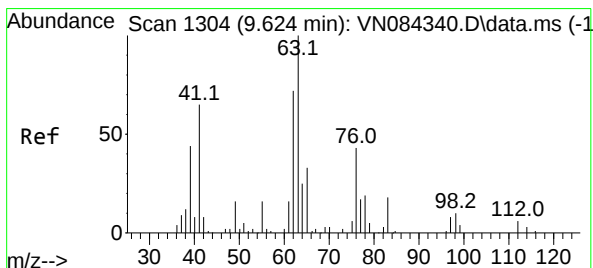
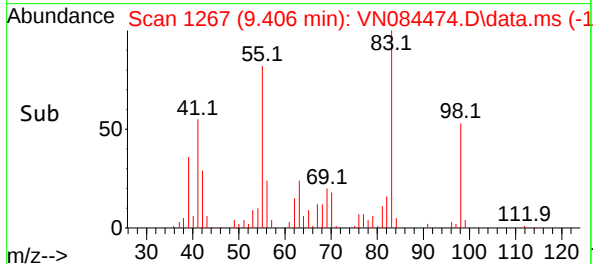
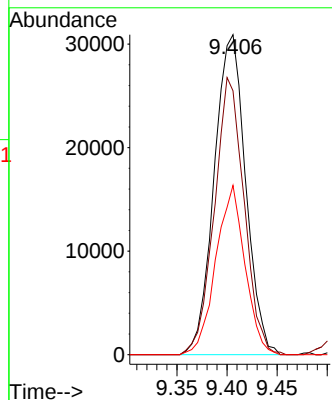
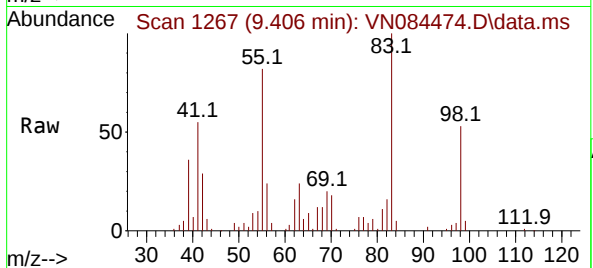
VSTDCCC020EC

Tgt Ion: 83 Resp: 67499
Ion Ratio Lower Upper
83 100
55 81.7 39.3 117.8
98 48.9 24.0 72.0

Manual Integrations

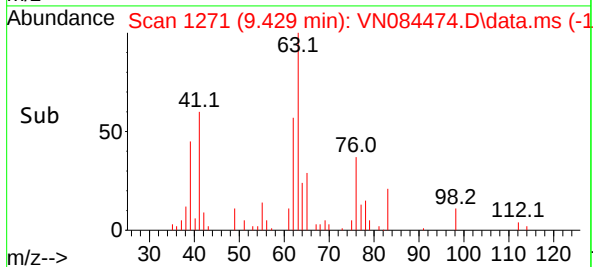
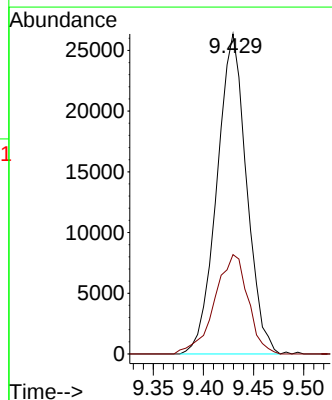
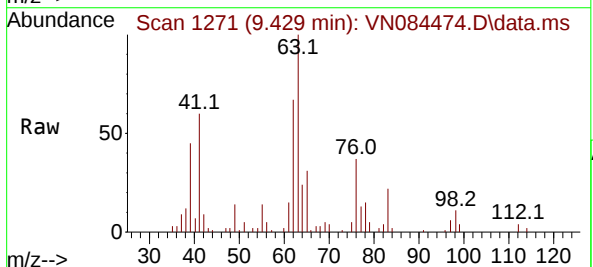
APPROVED

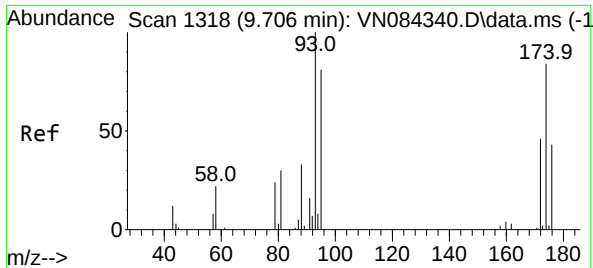
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#39
1,2-Dichloropropane
Concen: 22.200 ug/l
RT: 9.429 min Scan# 1271
Delta R.T. -0.194 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

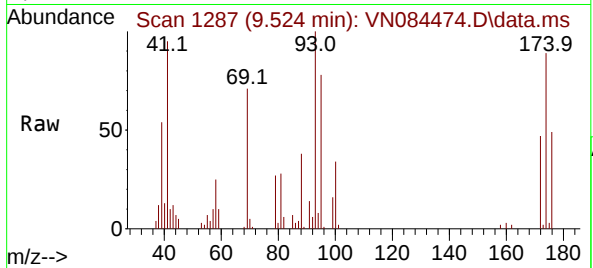
Tgt Ion: 63 Resp: 54187
Ion Ratio Lower Upper
63 100
65 31.1 26.3 39.5





#40
Dibromomethane
Concen: 21.766 ug/l
RT: 9.524 min Scan# 1318
Delta R.T. -0.182 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

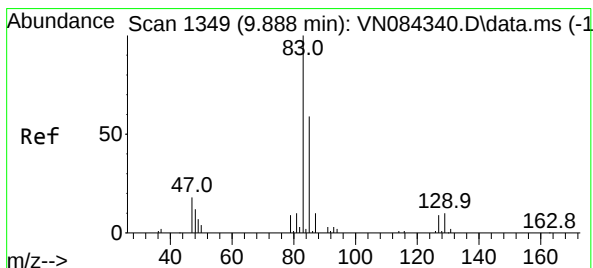
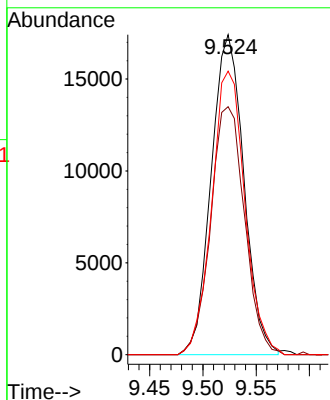
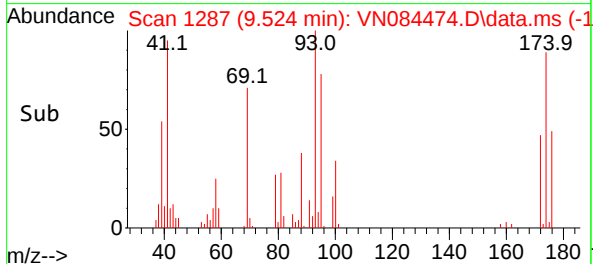
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



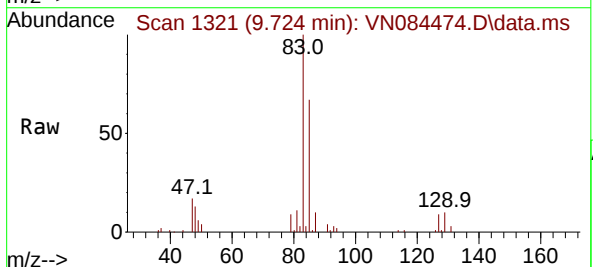
Tgt Ion: 93 Resp: 3713
Ion Ratio Lower Upper
93 100
95 80.3 0.0 171.4
174 89.8 0.0 183.0

Manual Integrations
APPROVED

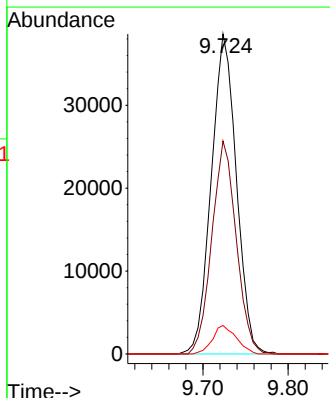
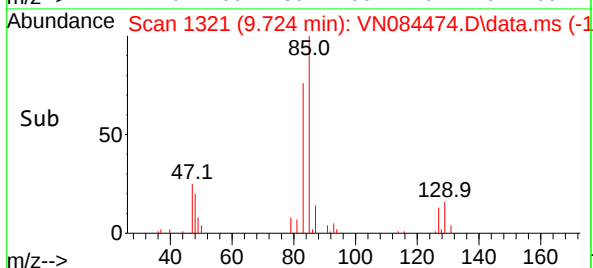
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024

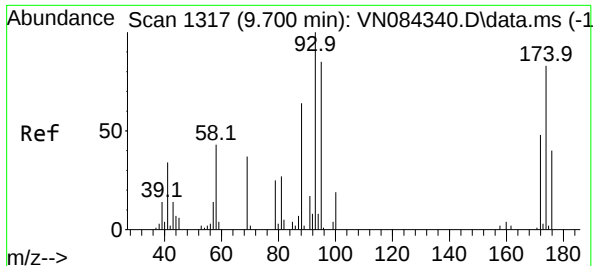


#41
Bromodichloromethane
Concen: 21.792 ug/l
RT: 9.724 min Scan# 1321
Delta R.T. -0.165 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10



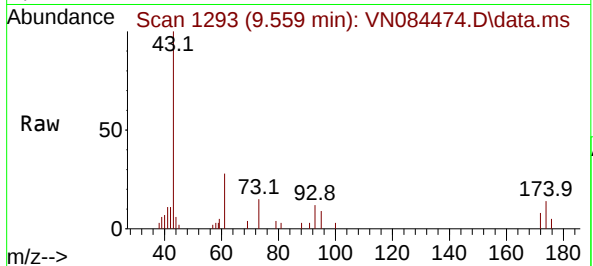
Tgt Ion: 83 Resp: 78917
Ion Ratio Lower Upper
83 100
85 66.5 47.1 70.7
127 8.9 7.1 10.7





#45
1,4-Dioxane
Concen: 3.553 ug/l
RT: 9.559 min Scan# 1285
Delta R.T. -0.141 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

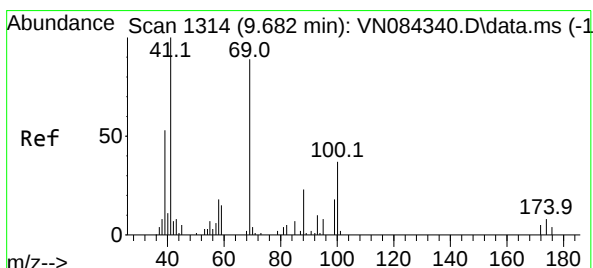
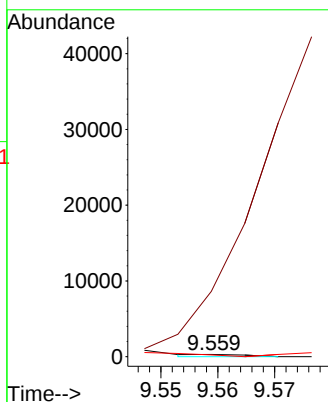
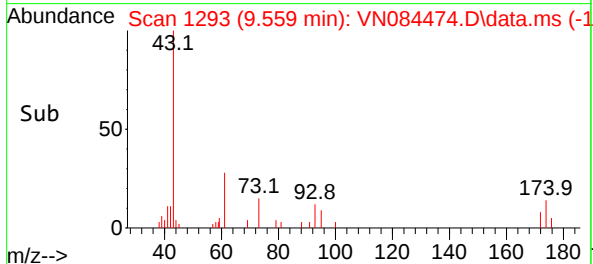
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 170
Ion Ratio Lower Upper
88 100
43 47079.5 22.4 33
58 421.6 59.7 89.5

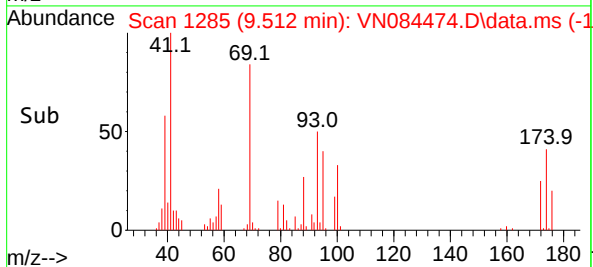
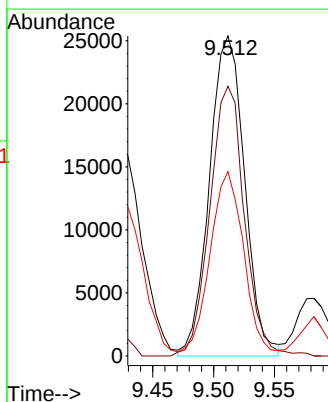
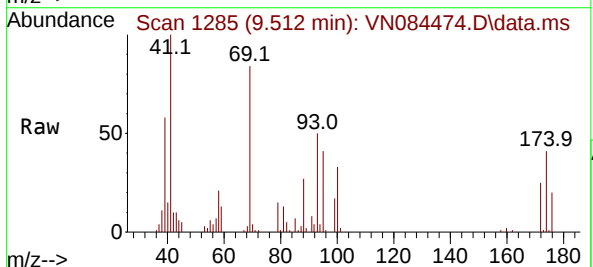
Manual Integrations
APPROVED

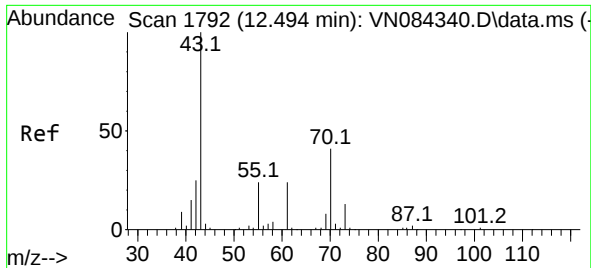
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#46
Methyl methacrylate
Concen: 19.178 ug/l
RT: 9.512 min Scan# 1285
Delta R.T. -0.171 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Tgt Ion: 41 Resp: 50921
Ion Ratio Lower Upper
41 100
69 84.6 42.6 128.0
39 57.4 27.5 82.4





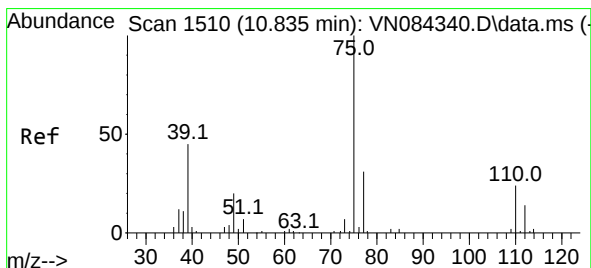
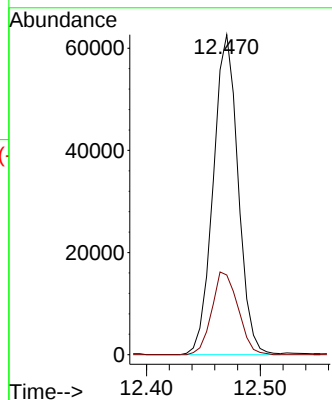
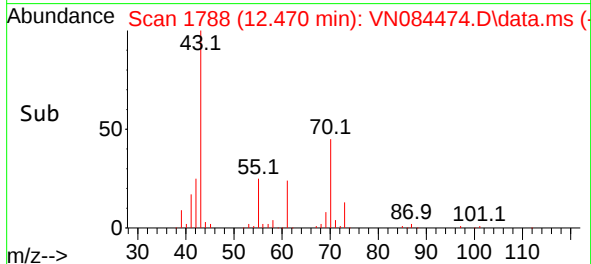
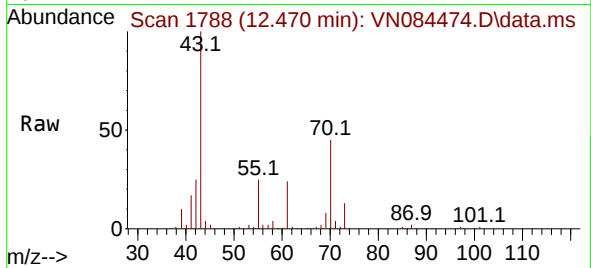
#47
n-amy1 Acetate
Concen: 19.520 ug/l
RT: 12.470 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 95415
Ion Ratio Lower Upper
43 100
55 27.2 20.6 31.0

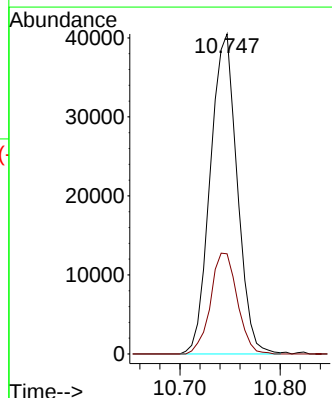
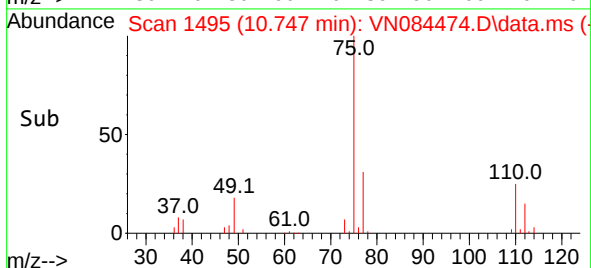
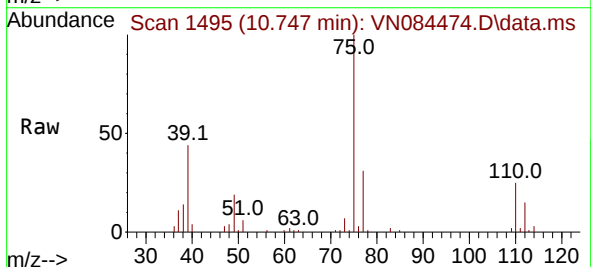
Manual Integrations
APPROVED

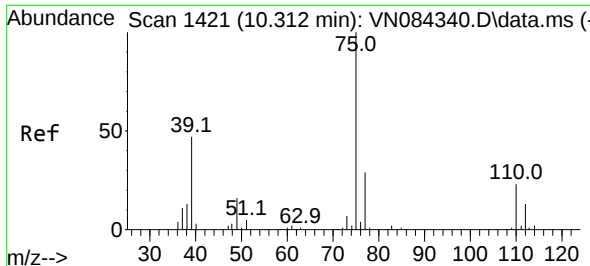
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#48
t-1,3-Dichloropropene
Concen: 20.162 ug/l
RT: 10.747 min Scan# 1495
Delta R.T. -0.088 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

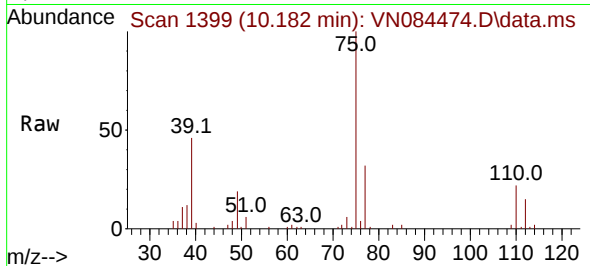
Tgt Ion: 75 Resp: 75450
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0





#49
cis-1,3-Dichloropropene
Concen: 21.227 ug/l
RT: 10.182 min Scan# 11
Delta R.T. -0.129 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

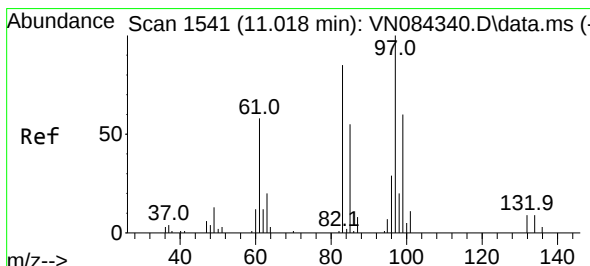
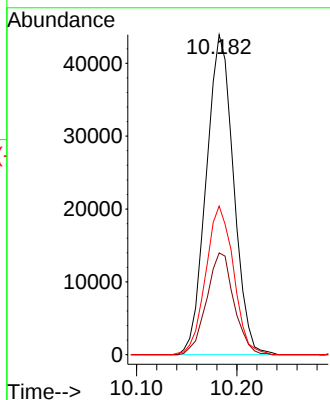
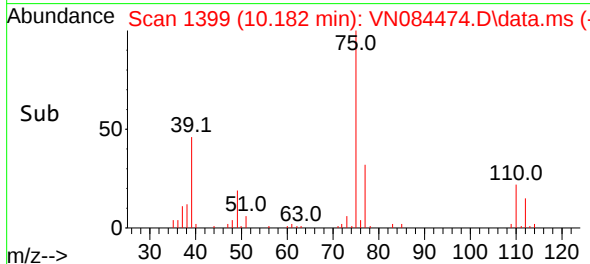
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 83250
Ion Ratio Lower Upper
75 100
77 31.8 22.9 34.3
39 46.5 37.4 56.2

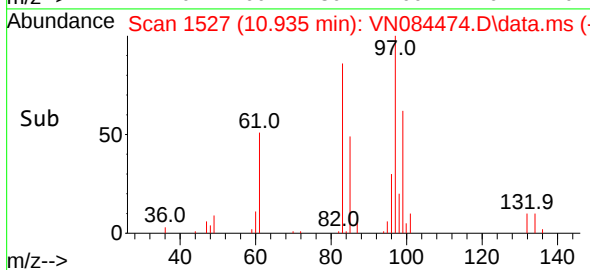
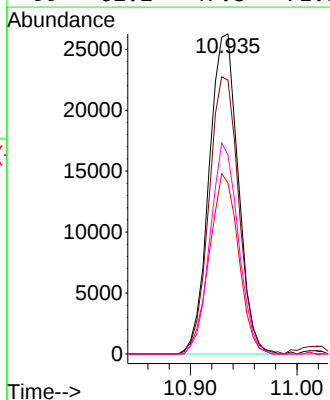
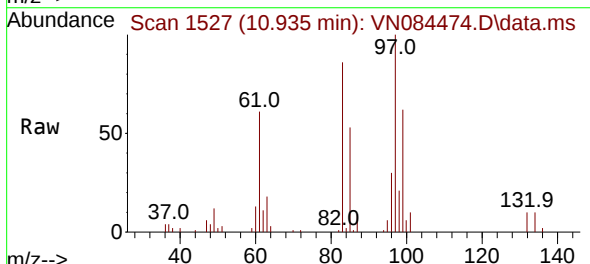
Manual Integrations
APPROVED

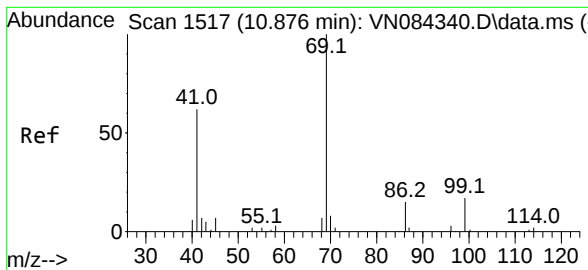
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#50
1,1,2-Trichloroethane
Concen: 21.752 ug/l
RT: 10.935 min Scan# 1527
Delta R.T. -0.082 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

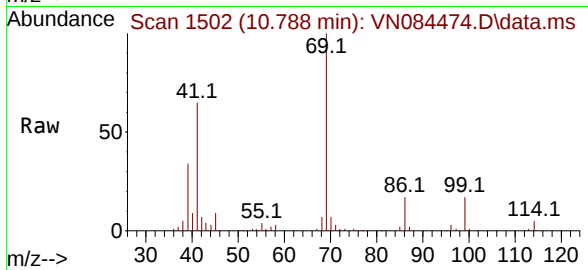
Tgt Ion: 97 Resp: 49875
Ion Ratio Lower Upper
97 100
83 85.6 67.8 101.8
85 53.4 44.2 66.2
99 62.2 47.8 71.8





#51
Ethyl methacrylate
Concen: 19.307 ug/l
RT: 10.788 min Scan# 1517
Delta R.T. -0.088 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

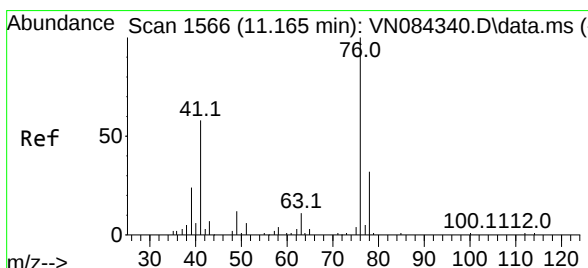
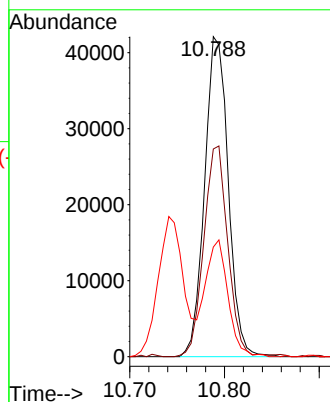
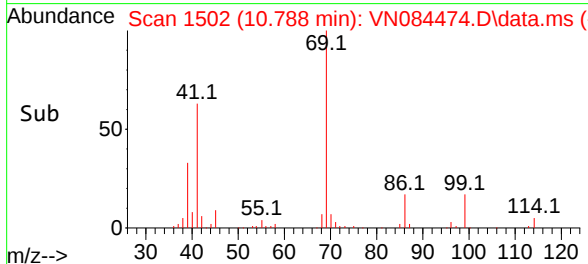
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 7312
Ion Ratio Lower Upper
69 100
41 64.4 30.9 92.7
39 34.3 16.6 49.7

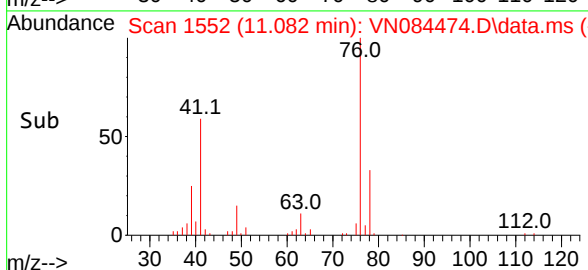
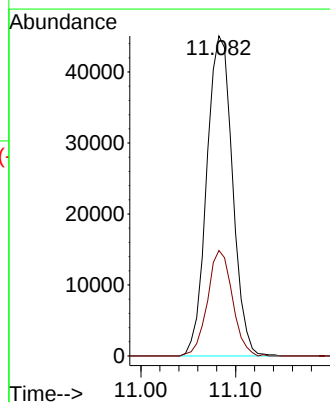
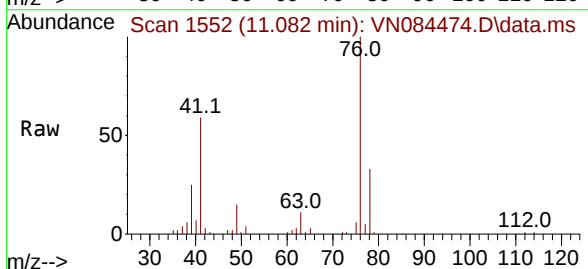
Manual Integrations
APPROVED

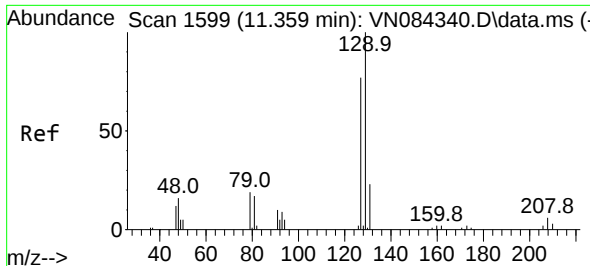
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#52
1,3-Dichloropropane
Concen: 21.268 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.082 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

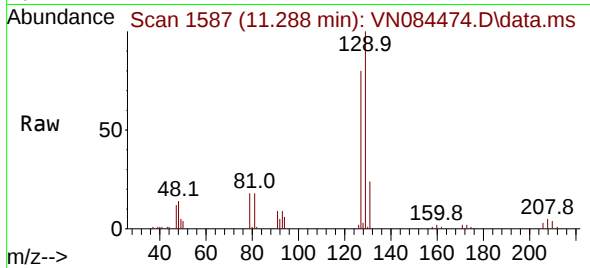
Tgt Ion: 76 Resp: 85270
Ion Ratio Lower Upper
76 100
78 31.7 0.0 64.2





#53
Dibromochloromethane
Concen: 21.805 ug/l
RT: 11.288 min Scan# 11
Delta R.T. -0.071 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

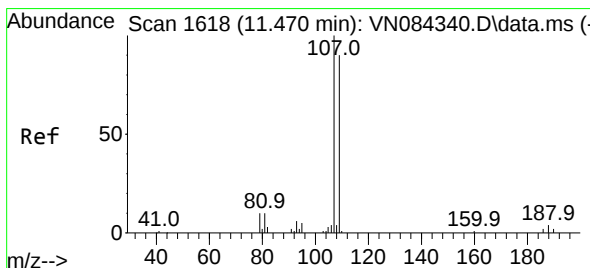
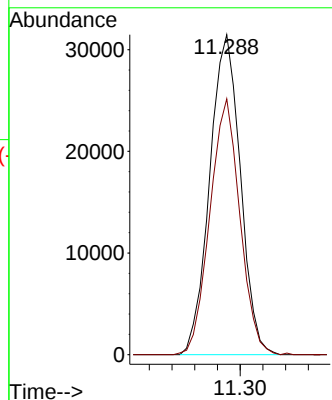
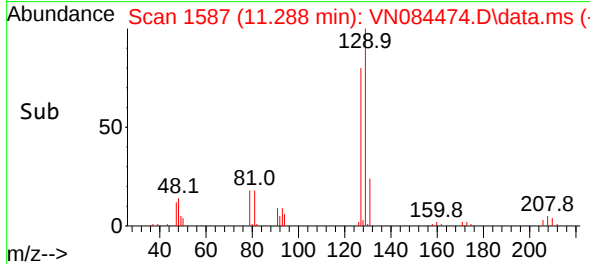
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



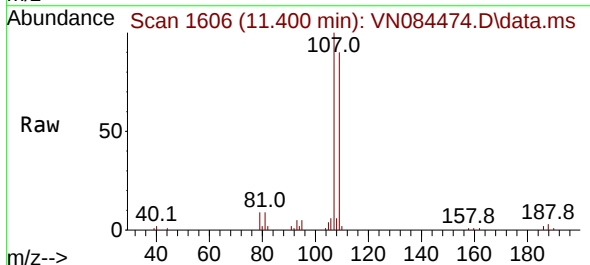
Tgt Ion:129 Resp: 59062
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

Manual Integrations
APPROVED

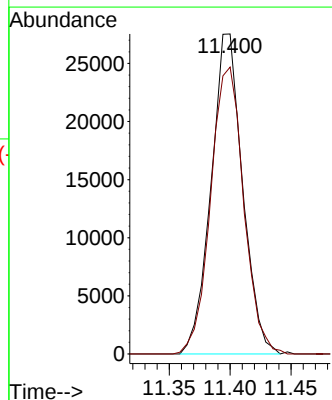
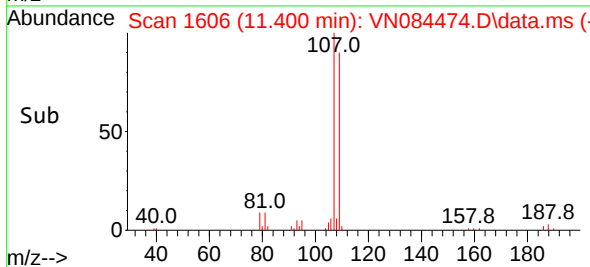
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024

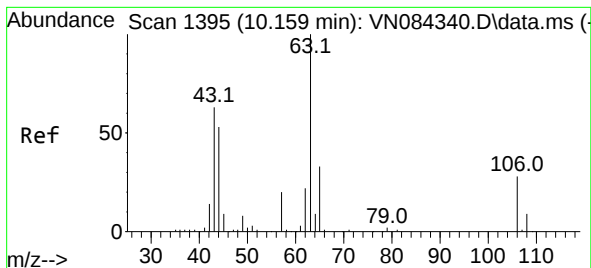


#54
1,2-Dibromoethane
Concen: 21.003 ug/l
RT: 11.400 min Scan# 1606
Delta R.T. -0.071 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10



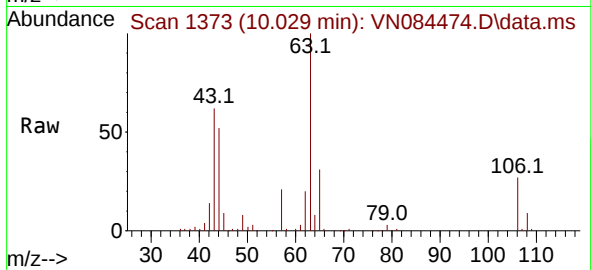
Tgt Ion:107 Resp: 49571
Ion Ratio Lower Upper
107 100
109 93.8 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 96.270 ug/l
RT: 10.029 min Scan# 11
Delta R.T. -0.129 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

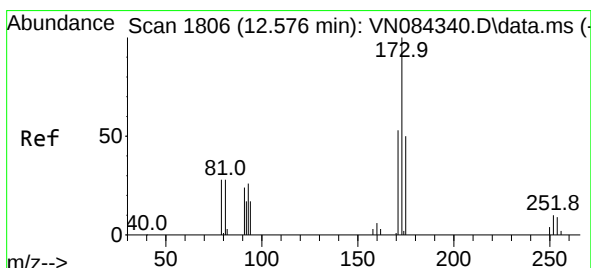
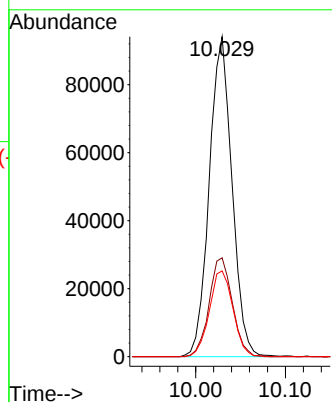
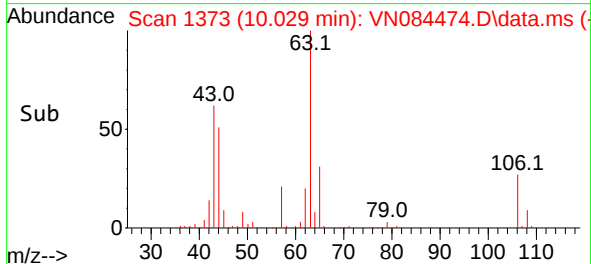
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 16536
Ion Ratio Lower Upper
63 100
65 31.5 25.6 38.4
106 27.9 21.6 32.4

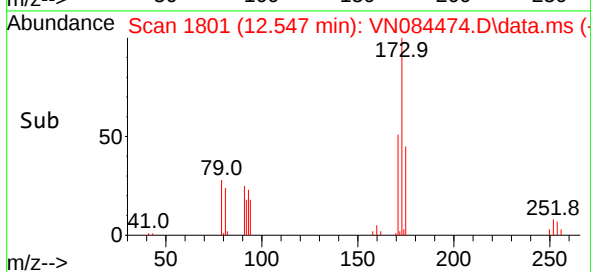
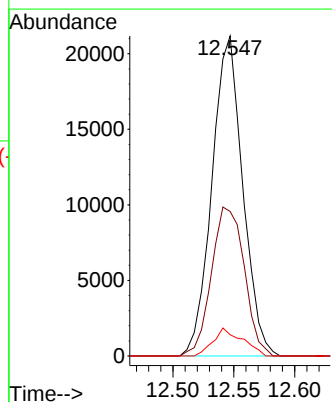
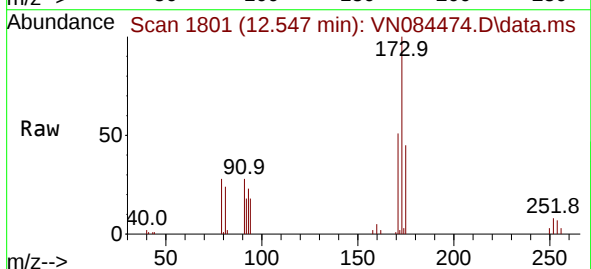
Manual Integrations
APPROVED

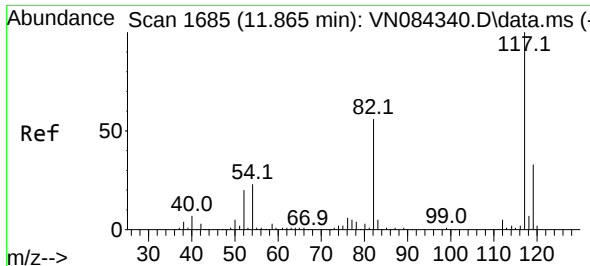
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#56
Bromoform
Concen: 20.717 ug/l
RT: 12.547 min Scan# 1801
Delta R.T. -0.029 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

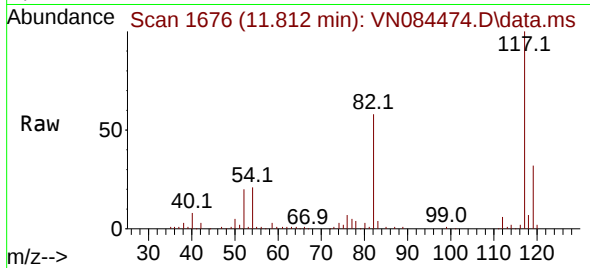
Tgt Ion:173 Resp: 37218
Ion Ratio Lower Upper
173 100
175 49.7 39.4 59.2
254 8.2 6.8 10.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.812 min Scan# 1676
Delta R.T. -0.053 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

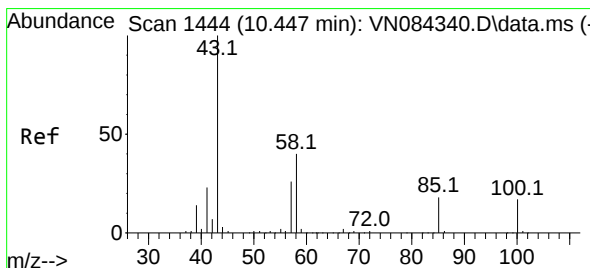
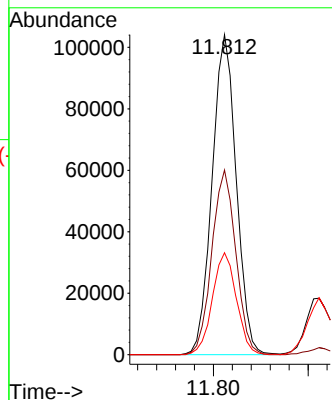
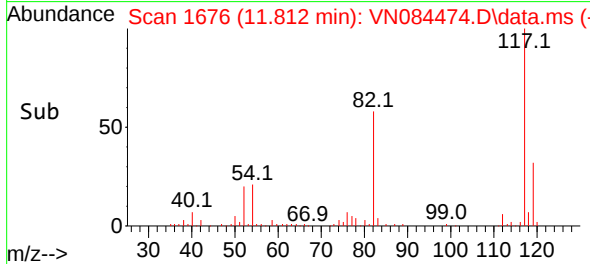
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 18430
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 31.7 25.4 38.2

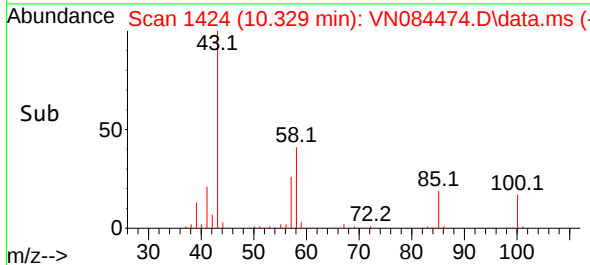
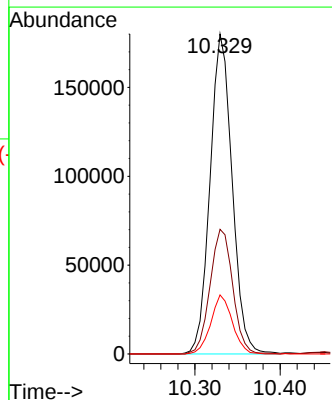
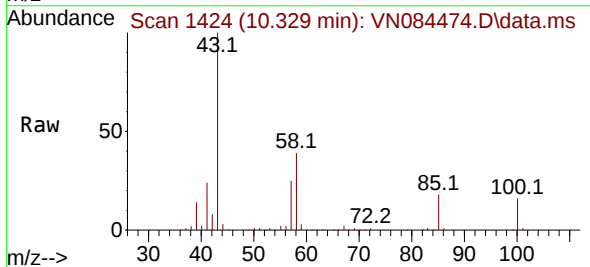
Manual Integrations
APPROVED

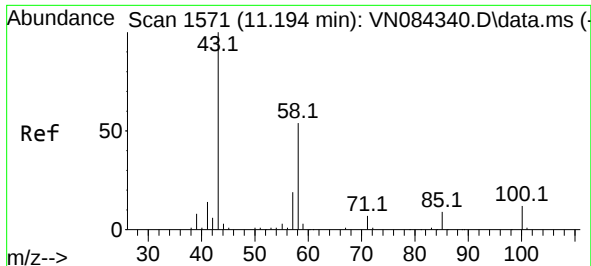
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#58
4-Methyl-2-Pentanone
Concen: 94.597 ug/l
RT: 10.329 min Scan# 1424
Delta R.T. -0.118 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

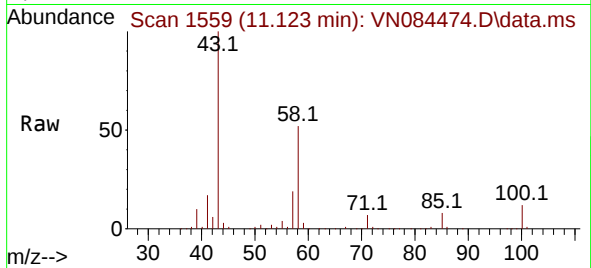
Tgt Ion: 43 Resp: 324774
Ion Ratio Lower Upper
43 100
58 39.9 31.9 47.9
85 17.9 14.6 22.0





#59
2-Hexanone
Concen: 97.329 ug/l
RT: 11.123 min Scan# 11559
Delta R.T. -0.071 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

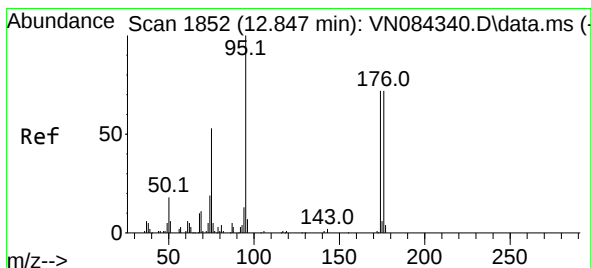
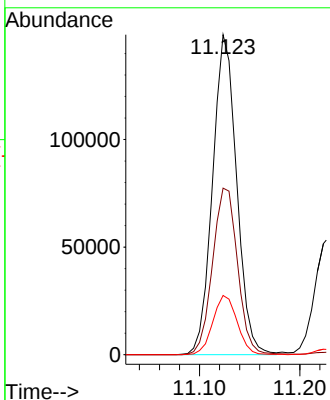
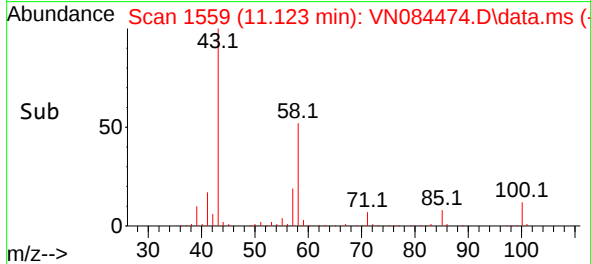
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 24830
Ion Ratio Lower Upper
43 100
58 54.1 44.0 66.0
57 18.7 15.4 23.2

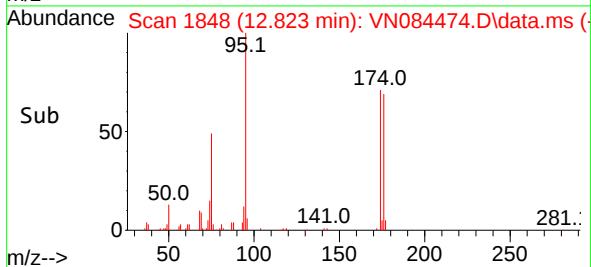
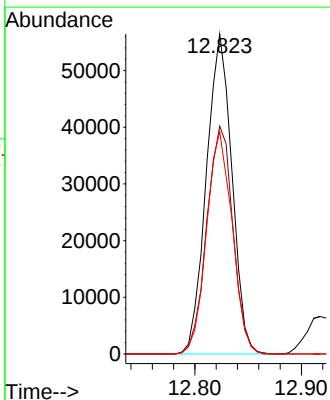
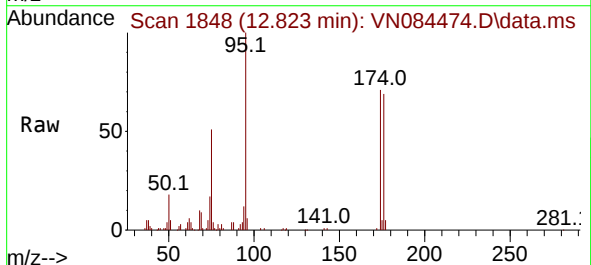
Manual Integrations
APPROVED

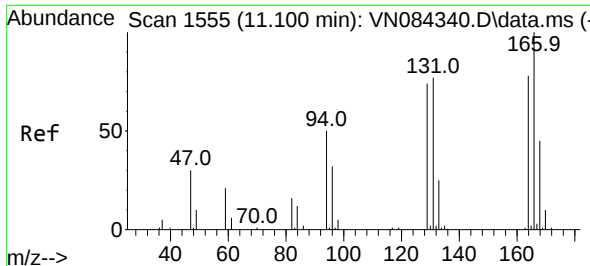
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#60
4-Bromofluorobenzene
Concen: 30.899 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.024 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

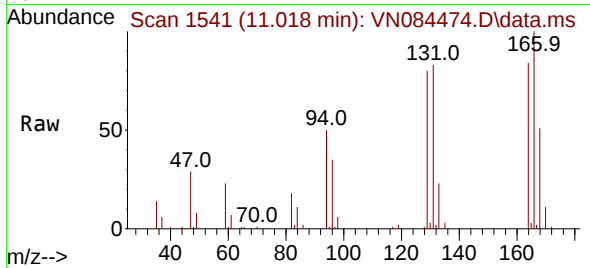
Tgt Ion: 95 Resp: 93987
Ion Ratio Lower Upper
95 100
174 72.9 58.2 87.2
176 69.9 56.4 84.6





#61
Tetrachloroethene
Concen: 20.353 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.082 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

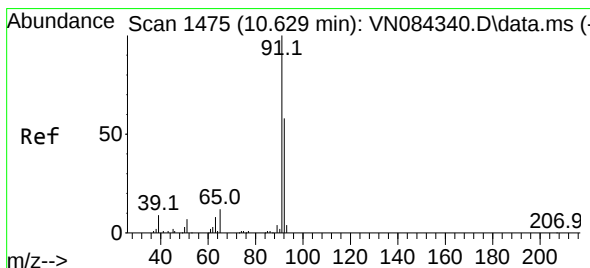
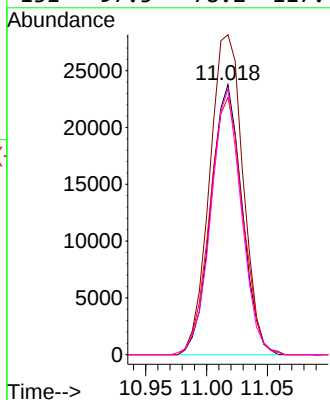
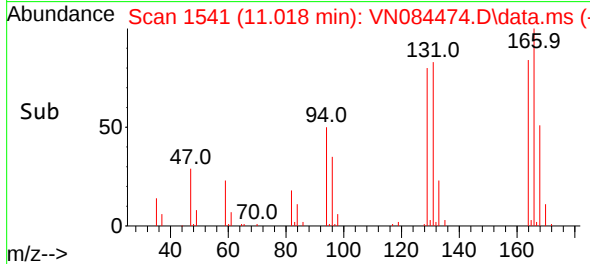
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 42430
Ion Ratio Lower Upper
164 100
166 118.5 102.5 153.7
129 95.2 75.7 113.5
131 97.5 78.2 117.4

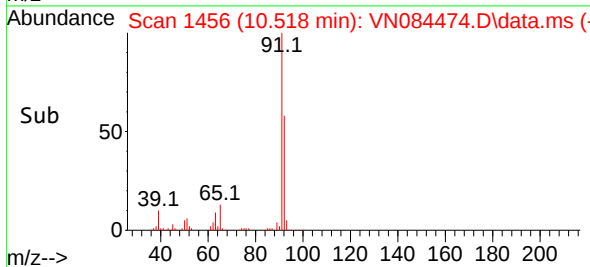
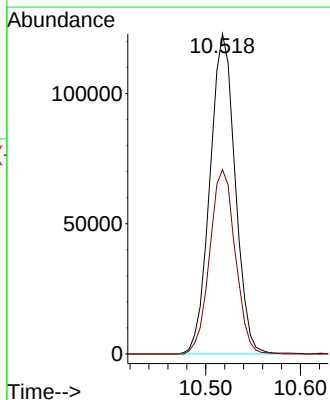
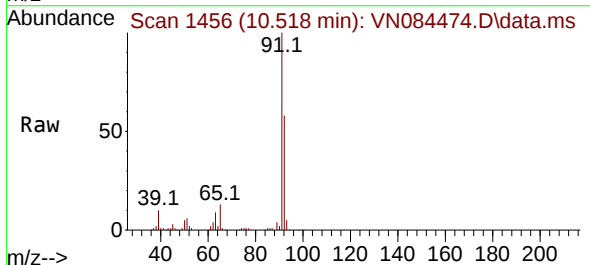
Manual Integrations
APPROVED

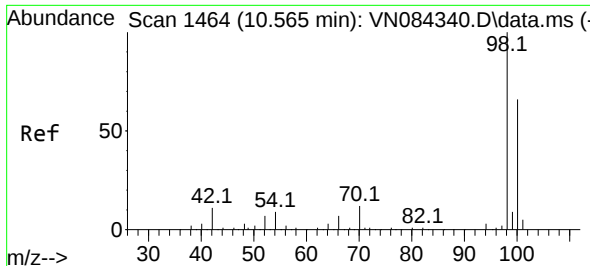
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#62
Toluene
Concen: 21.043 ug/l
RT: 10.518 min Scan# 1456
Delta R.T. -0.112 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Tgt Ion: 91 Resp: 227045
Ion Ratio Lower Upper
91 100
92 58.3 47.2 70.8





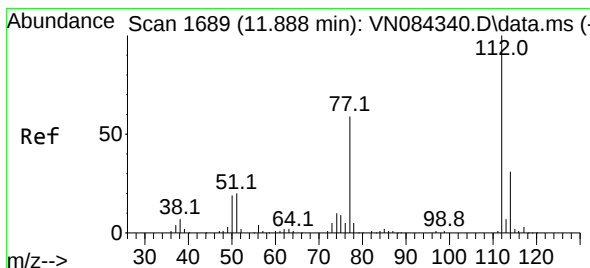
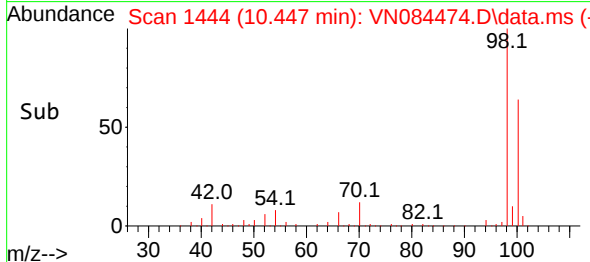
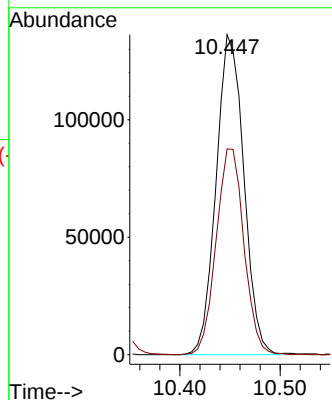
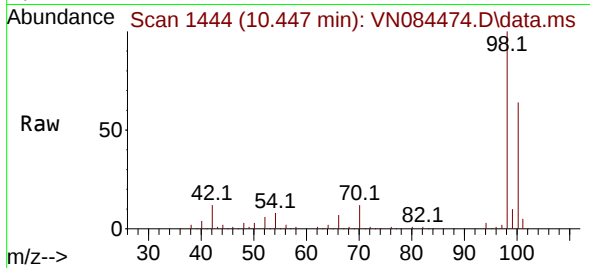
#63
Toluene-d8
Concen: 30.540 ug/l
RT: 10.447 min Scan# 1464
Delta R.T. -0.118 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 26075
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7

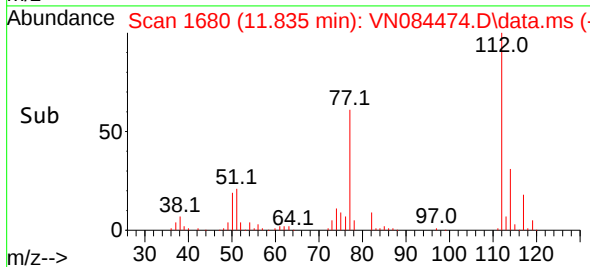
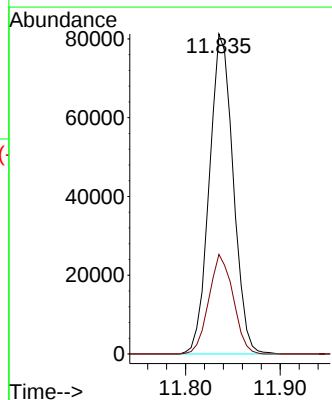
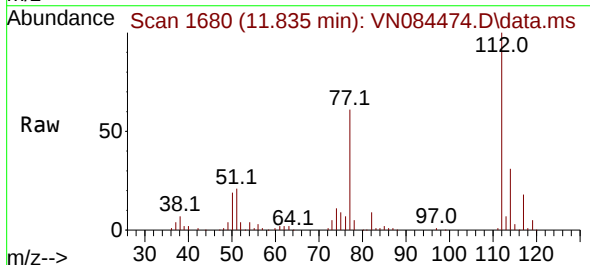
Manual Integrations
APPROVED

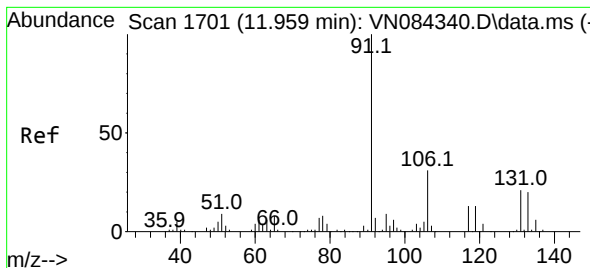
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#64
Chlorobenzene
Concen: 21.194 ug/l
RT: 11.835 min Scan# 1680
Delta R.T. -0.053 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

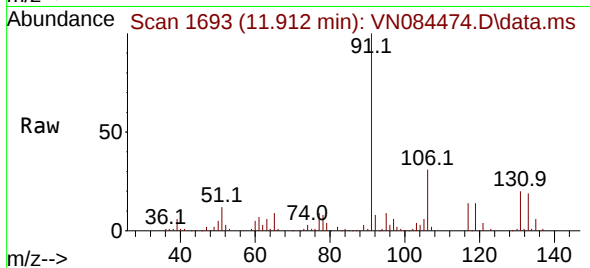
Tgt Ion:112 Resp: 142297
Ion Ratio Lower Upper
112 100
114 31.1 25.1 37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 21.878 ug/l
RT: 11.912 min Scan# 1693
Delta R.T. -0.047 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

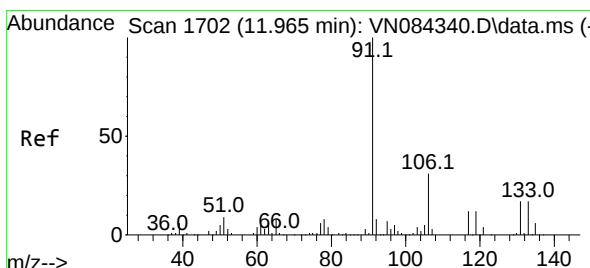
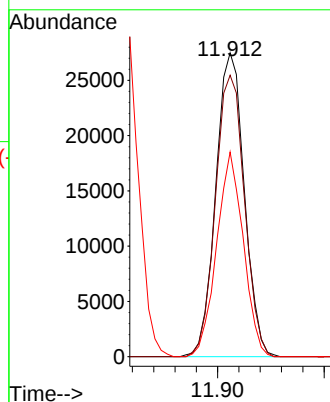
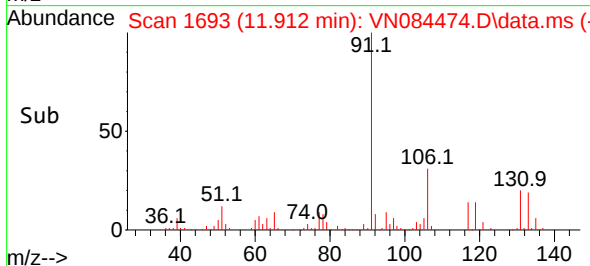
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



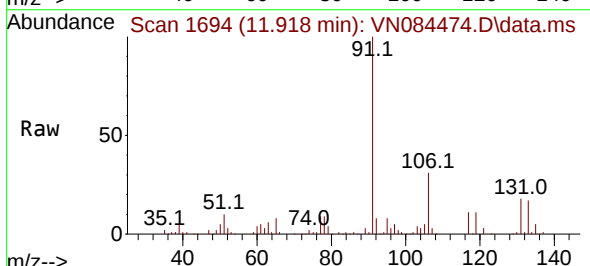
Tgt Ion:131 Resp: 51030
Ion Ratio Lower Upper
131 100
133 94.4 0.0 190.4
119 63.0 0.0 130.0

Manual Integrations
APPROVED

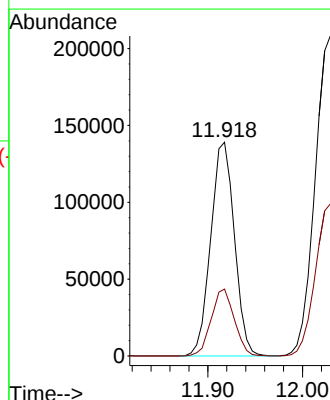
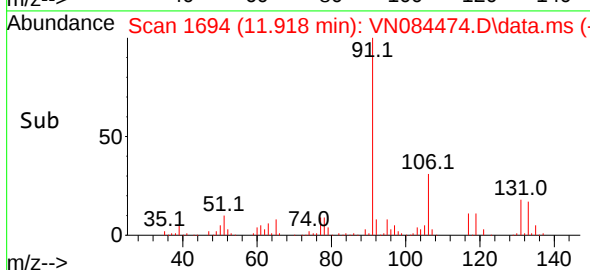
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024

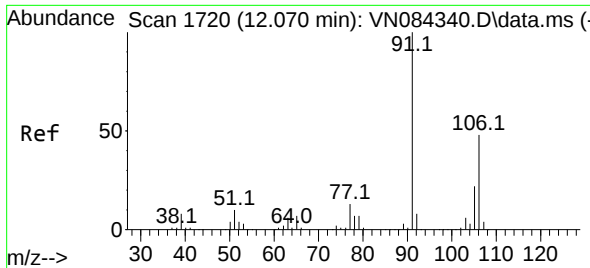


#66
Ethyl Benzene
Concen: 20.619 ug/l
RT: 11.918 min Scan# 1694
Delta R.T. -0.047 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10



Tgt Ion: 91 Resp: 241701
Ion Ratio Lower Upper
91 100
106 31.3 25.2 37.8





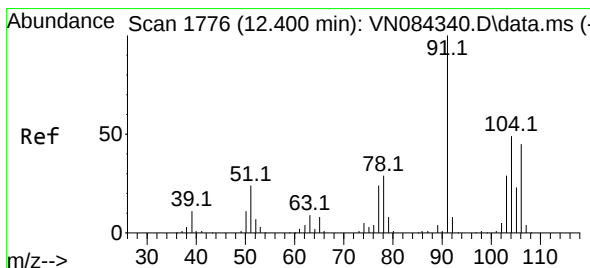
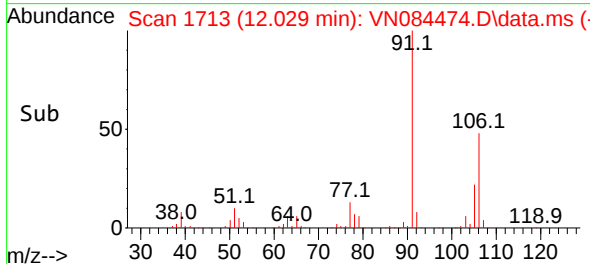
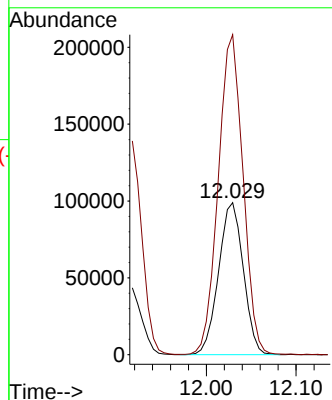
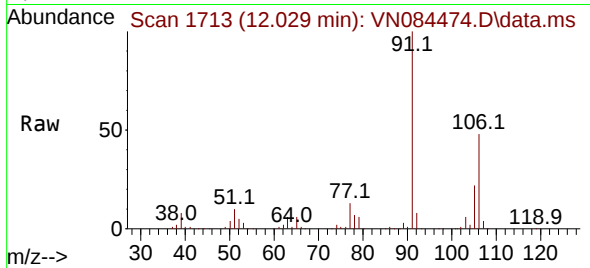
#67
m/p-Xylenes
Concen: 42.565 ug/l
RT: 12.029 min Scan# 1713
Delta R.T. -0.041 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 189279
Ion Ratio Lower Upper
106 100
91 210.8 166.7 250.1

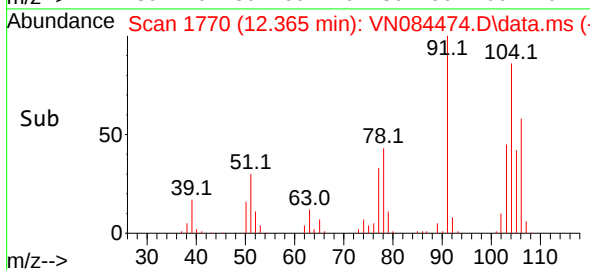
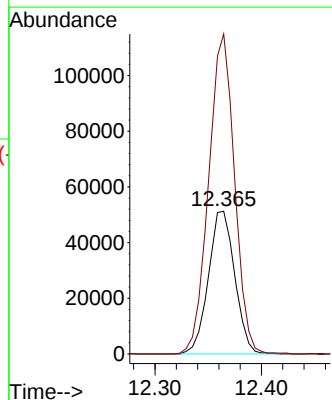
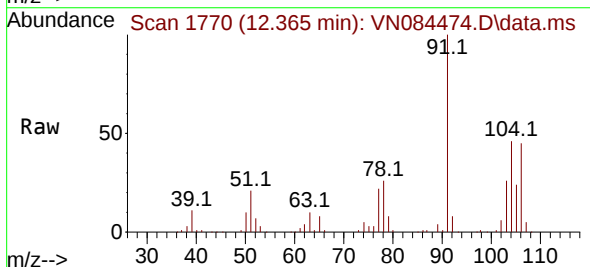
Manual Integrations
APPROVED

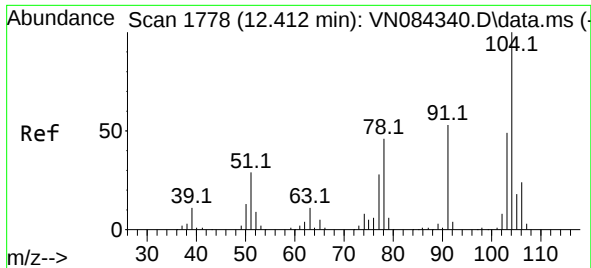
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#68
o-Xylene
Concen: 20.575 ug/l
RT: 12.365 min Scan# 1770
Delta R.T. -0.035 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Tgt Ion:106 Resp: 88188
Ion Ratio Lower Upper
106 100
91 219.7 110.9 332.9





#69

Styrene

Concen: 21.045 ug/l

RT: 12.376 min Scan# 11

Delta R.T. -0.035 min

Lab File: VN084474.D

Acq: 23 Oct 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

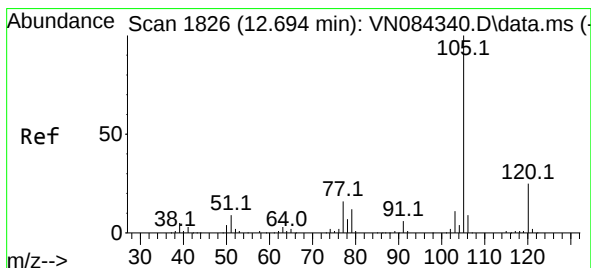
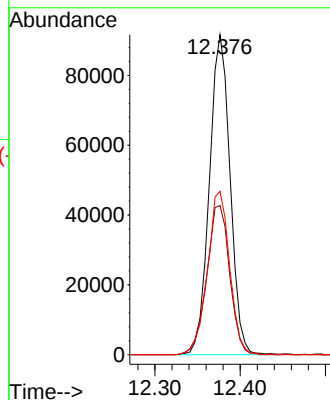
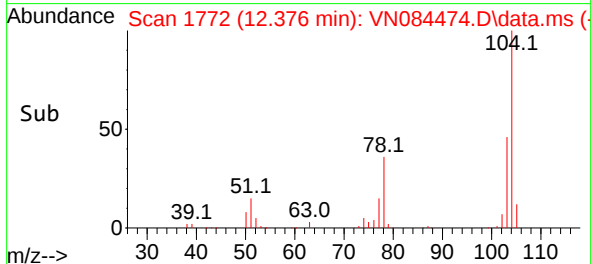
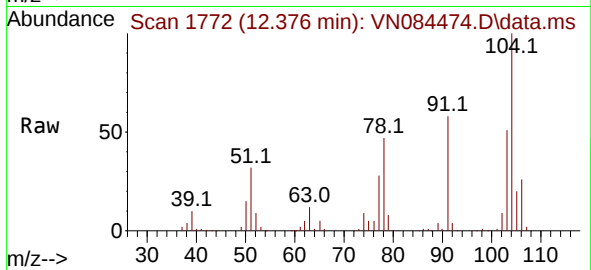
VSTDCCC020EC

Tgt Ion:104 Resp: 154850
Ion Ratio Lower Upper
104 100
78 51.6 41.6 62.4
103 54.5 44.4 66.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#70

Isopropylbenzene

Concen: 20.923 ug/l

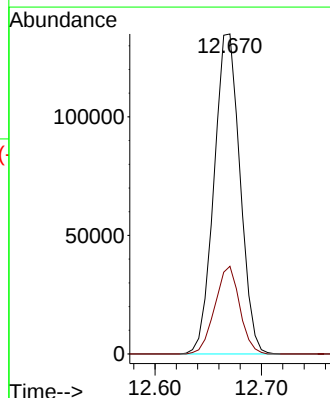
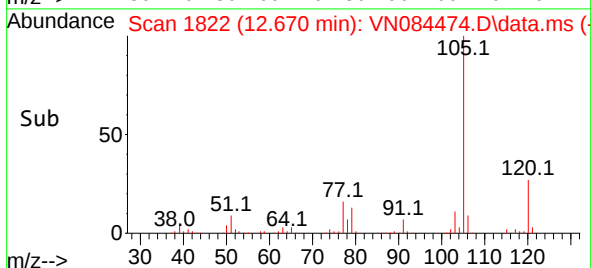
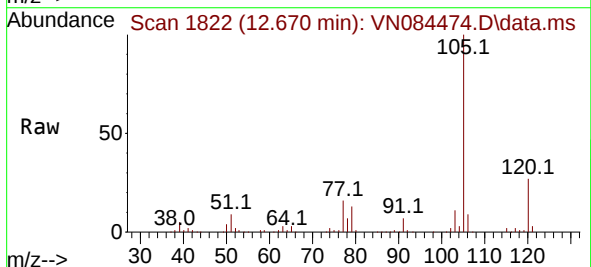
RT: 12.670 min Scan# 1822

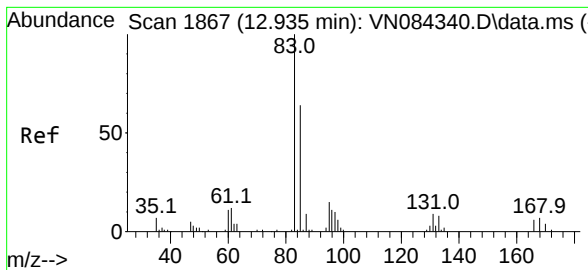
Delta R.T. -0.024 min

Lab File: VN084474.D

Acq: 23 Oct 2024 16:10

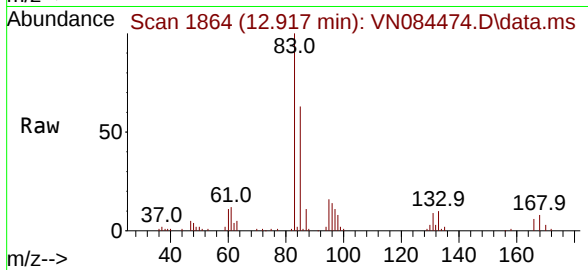
Tgt Ion:105 Resp: 228943
Ion Ratio Lower Upper
105 100
120 26.1 17.4 32.4





#71
1,1,2,2-Tetrachloroethane
Concen: 21.017 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.018 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

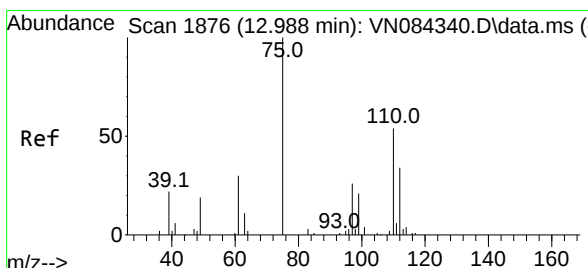
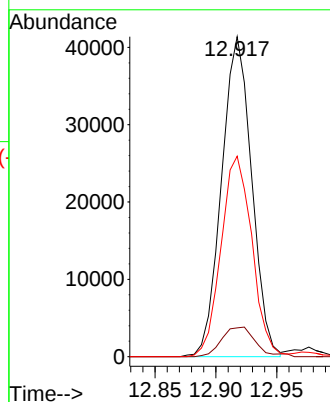
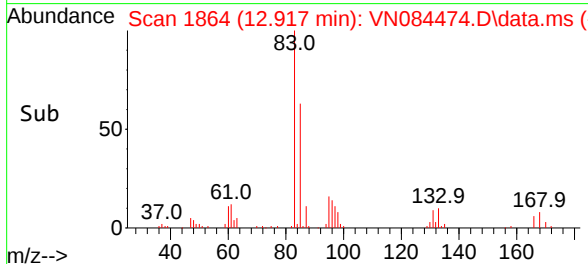
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 7114
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 64.3 32.0 96.2

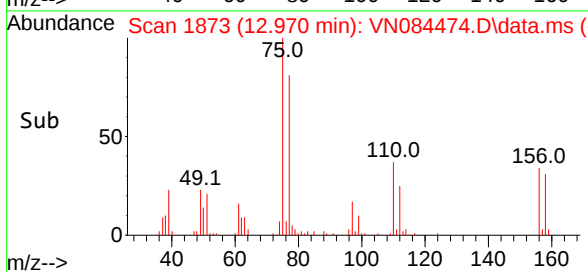
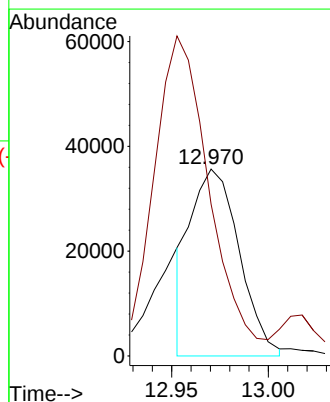
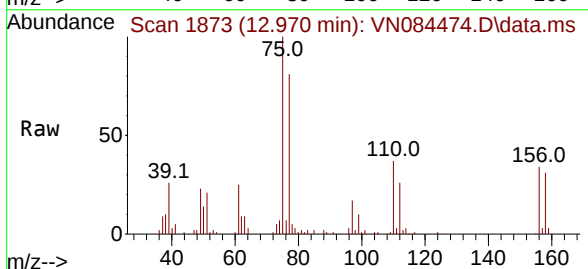
Manual Integrations
APPROVED

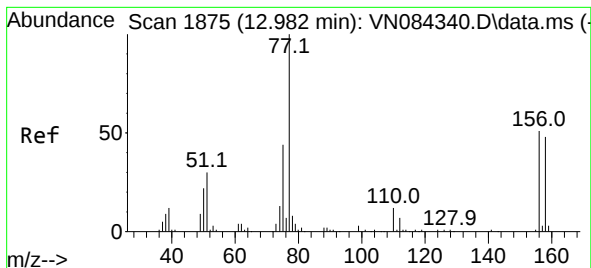
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#72
1,2,3-Trichloropropane
Concen: 21.477 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.018 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Tgt Ion: 75 Resp: 62263
Ion Ratio Lower Upper
75 100
77 197.1 0.0 414.0





#73

Bromobenzene

Concen: 21.748 ug/l

RT: 12.953 min Scan# 1870

Delta R.T. -0.029 min

Lab File: VN084474.D

Acq: 23 Oct 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

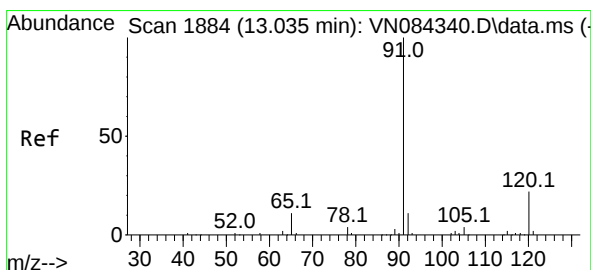
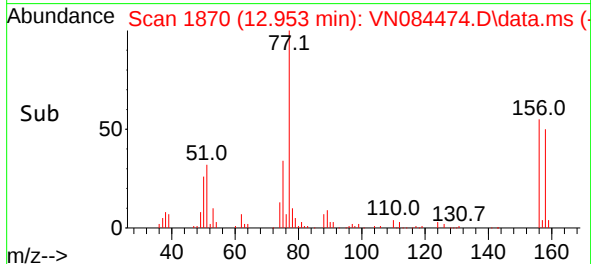
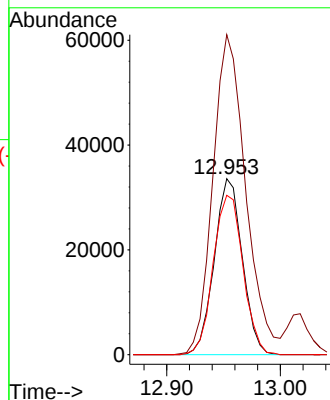
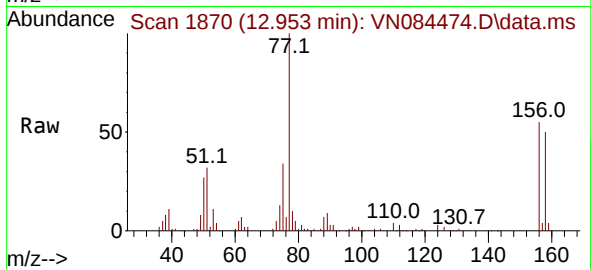
VSTDCCC020EC

Tgt Ion:156 Resp: 57632
 Ion Ratio Lower Upper
 156 100
 77 213.0 0.0 451.0
 158 96.0 0.0 194.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024
 Supervised By :Mahesh Dadoda 10/24/2024



#74

n-propylbenzene

Concen: 21.345 ug/l

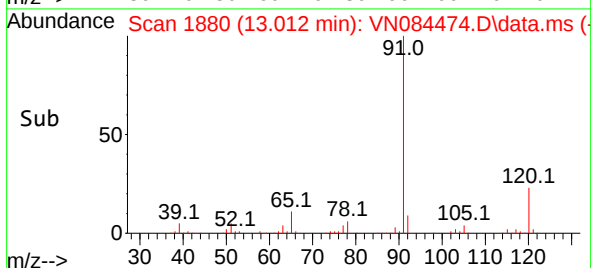
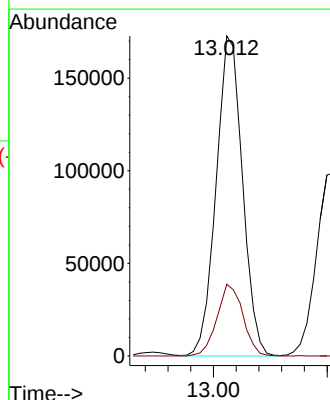
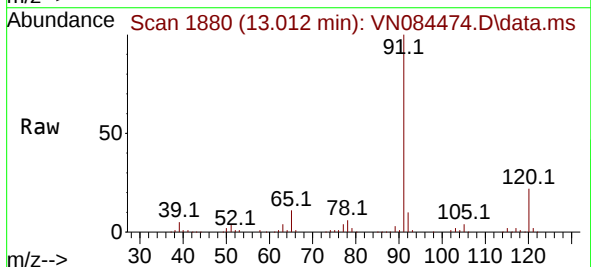
RT: 13.012 min Scan# 1880

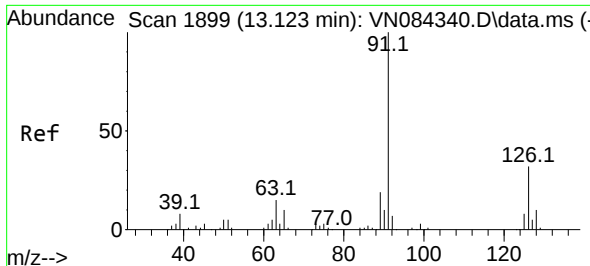
Delta R.T. -0.024 min

Lab File: VN084474.D

Acq: 23 Oct 2024 16:10

Tgt Ion: 91 Resp: 278325
 Ion Ratio Lower Upper
 91 100
 120 22.0 0.0 43.2





#75
2-Chlorotoluene
Concen: 21.350 ug/l
RT: 13.106 min Scan# 1899
Delta R.T. -0.018 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

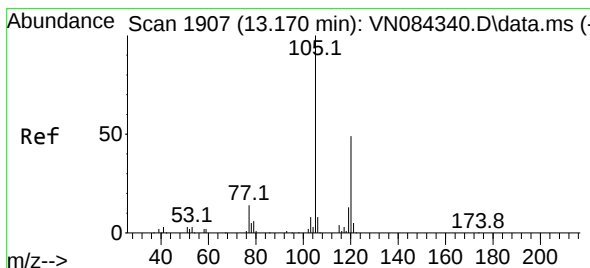
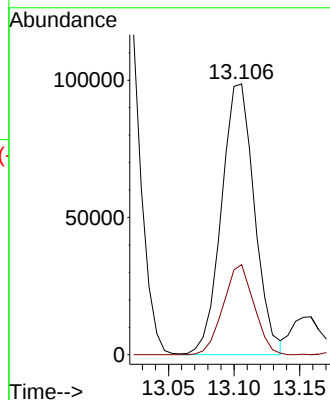
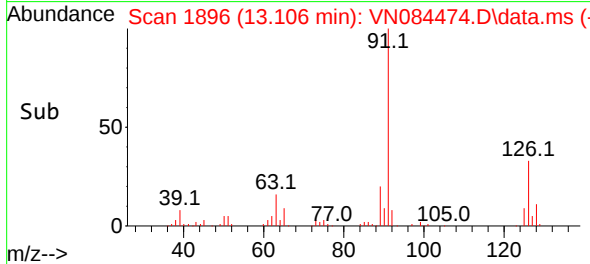
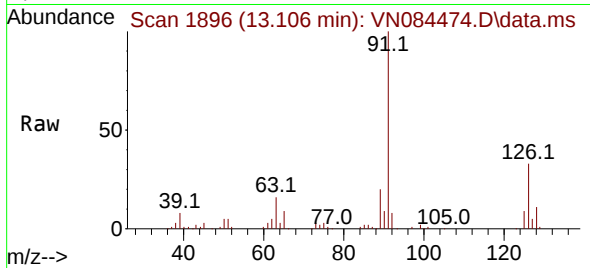
VSTDCCC020EC

Tgt Ion: 91 Resp: 17299
Ion Ratio Lower Upper
91 100
126 30.9 0.0 64.0

Manual Integrations

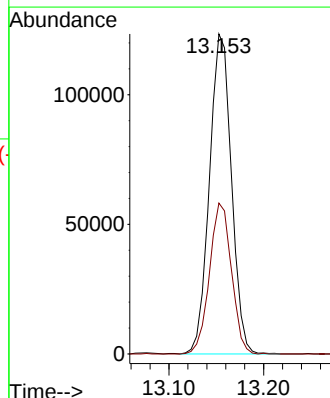
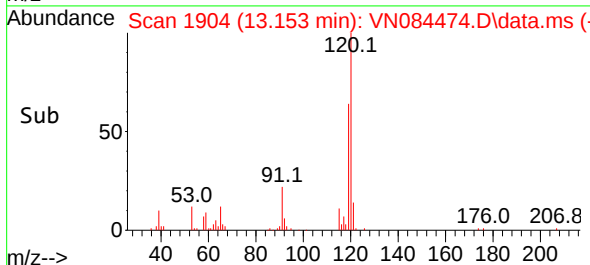
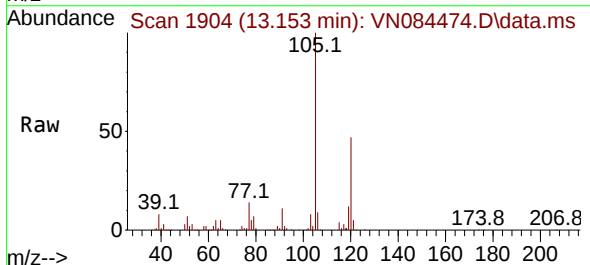
APPROVED

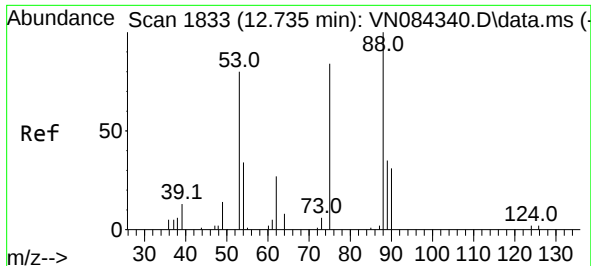
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#76
1,3,5-Trimethylbenzene
Concen: 21.644 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.018 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

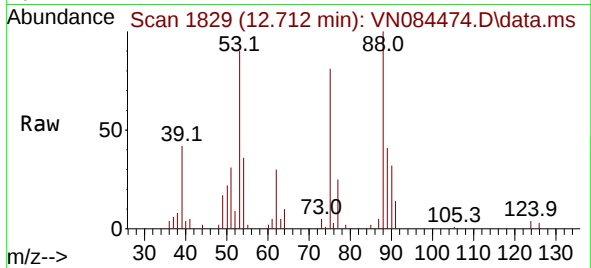
Tgt Ion:105 Resp: 199413
Ion Ratio Lower Upper
105 100
120 47.0 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 14.913 ug/l
RT: 12.712 min Scan# 1829
Delta R.T. -0.024 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

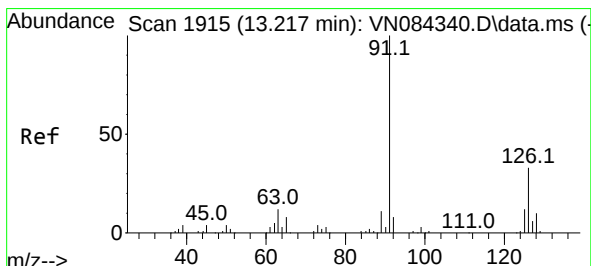
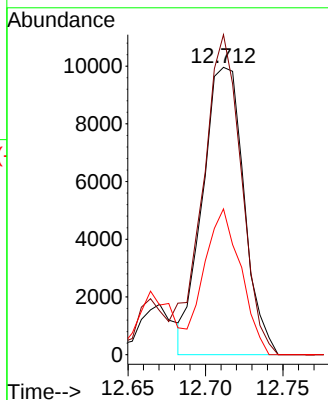
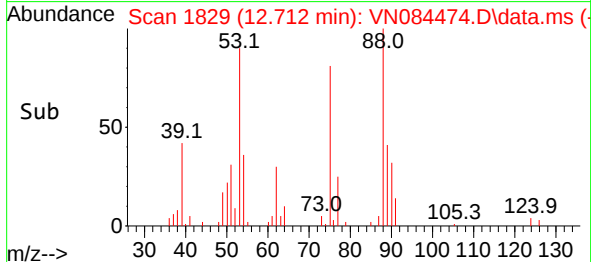
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



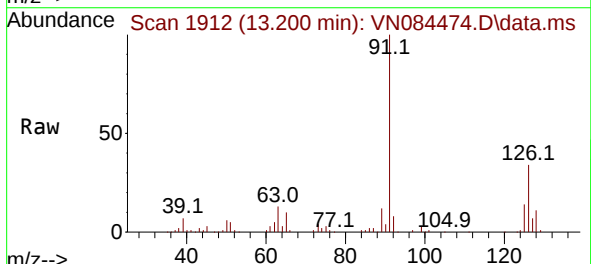
Tgt Ion: 75 Resp: 18474
Ion Ratio Lower Upper
75 100
53 111.4 47.3 142.0
89 50.7 22.9 68.8

Manual Integrations
APPROVED

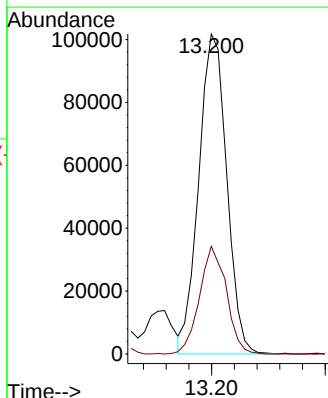
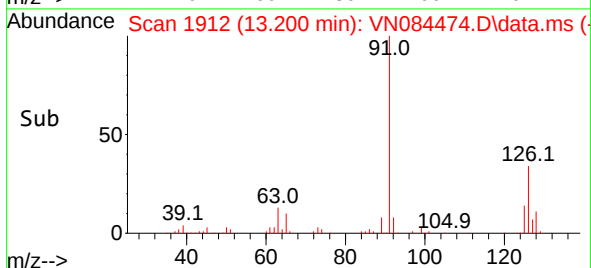
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024

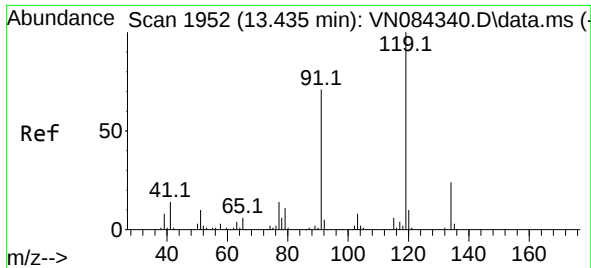


#78
4-Chlorotoluene
Concen: 21.113 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.018 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10



Tgt Ion: 91 Resp: 173928
Ion Ratio Lower Upper
91 100
126 32.3 0.0 62.4





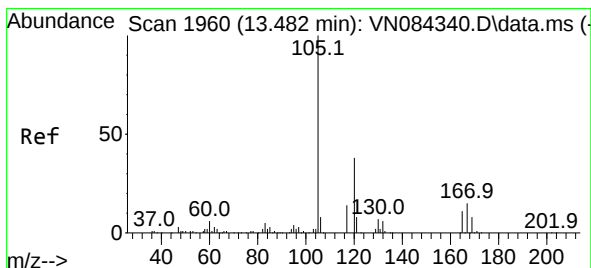
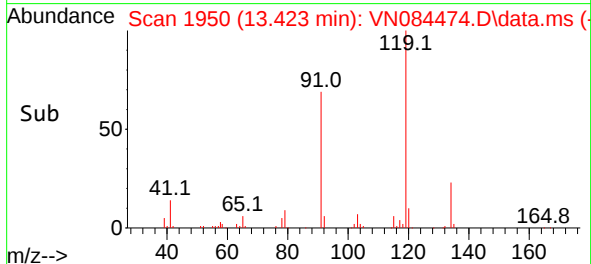
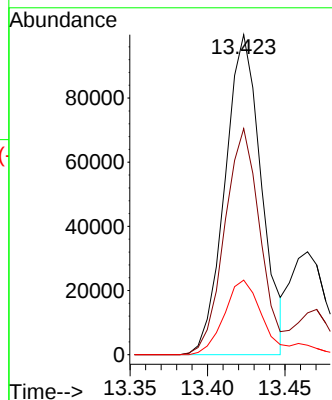
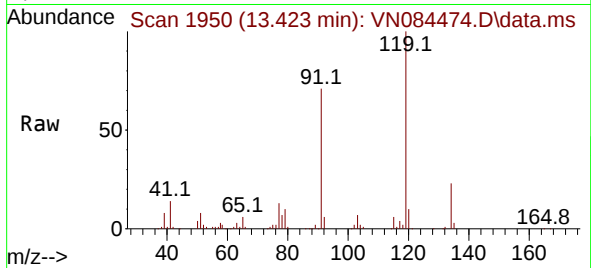
#79
tert-butylbenzene
Concen: 20.730 ug/l
RT: 13.423 min Scan# 1950
Delta R.T. -0.012 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDC0020EC

Tgt Ion:119 Resp: 16294
Ion Ratio Lower Upper
119 100
91 68.6 0.0 138.0
134 24.0 0.0 48.8

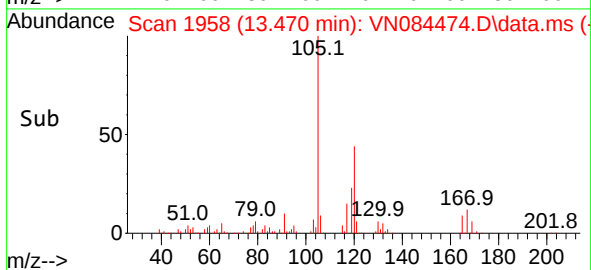
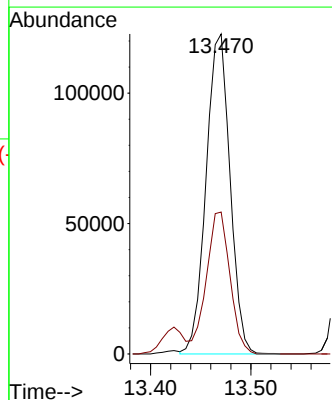
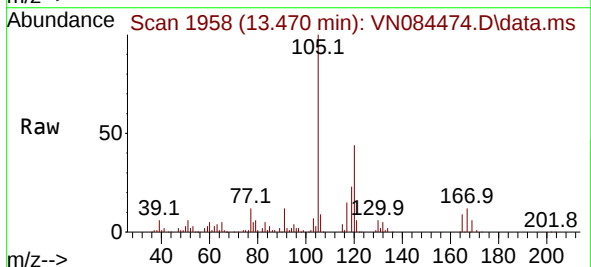
Manual Integrations
APPROVED

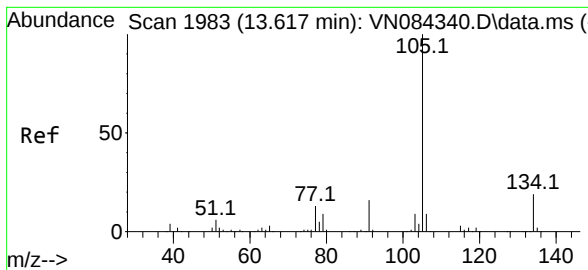
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#80
1,2,4-Trimethylbenzene
Concen: 21.818 ug/l
RT: 13.470 min Scan# 1958
Delta R.T. -0.012 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Tgt Ion:105 Resp: 203963
Ion Ratio Lower Upper
105 100
120 44.1 0.0 88.8





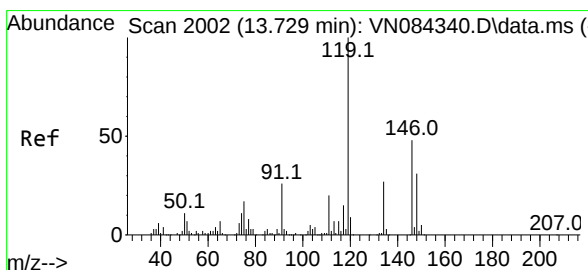
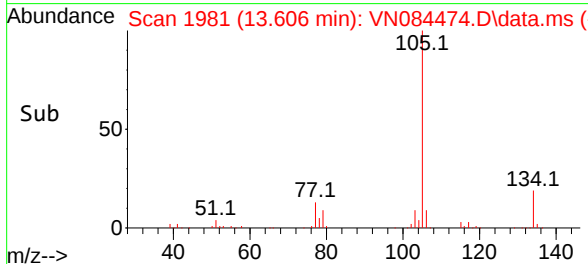
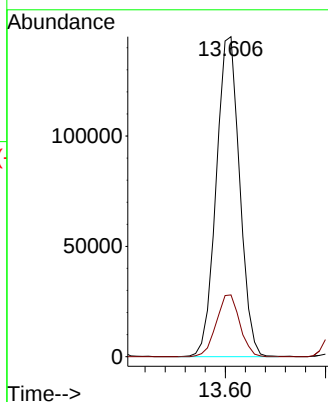
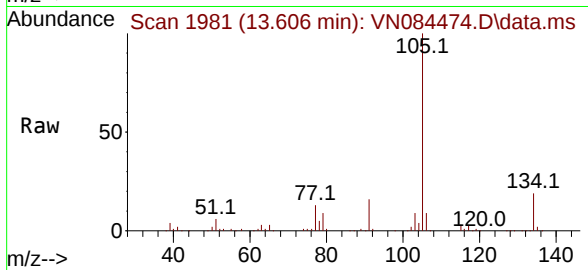
#81
 sec-Butylbenzene
 Concen: 21.695 ug/l
 RT: 13.606 min Scan# 1983
 Delta R.T. -0.012 min
 Lab File: VN084474.D
 Acq: 23 Oct 2024 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 234779
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.0

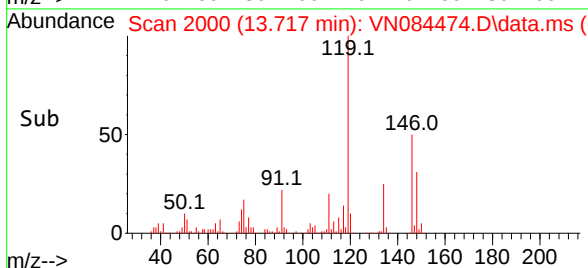
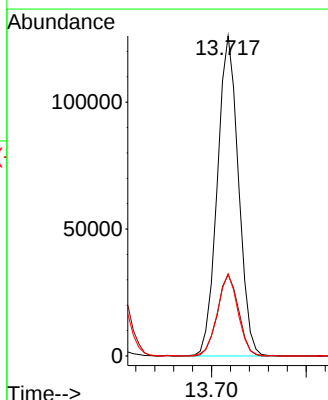
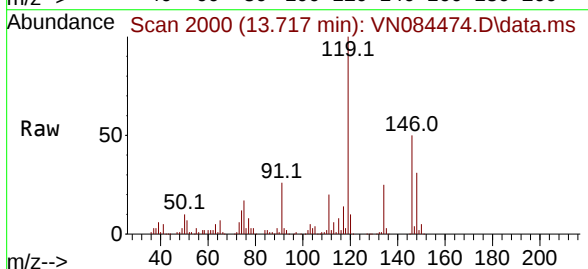
Manual Integrations
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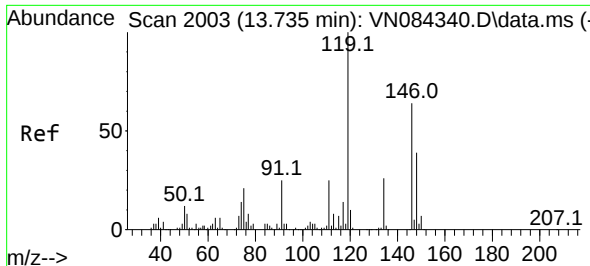
Reviewed By :Semsettin Yesilyurt 10/24/2024
 Supervised By :Mahesh Dadoda 10/24/2024



#82
 p-Isopropyltoluene
 Concen: 21.466 ug/l
 RT: 13.717 min Scan# 2000
 Delta R.T. -0.012 min
 Lab File: VN084474.D
 Acq: 23 Oct 2024 16:10

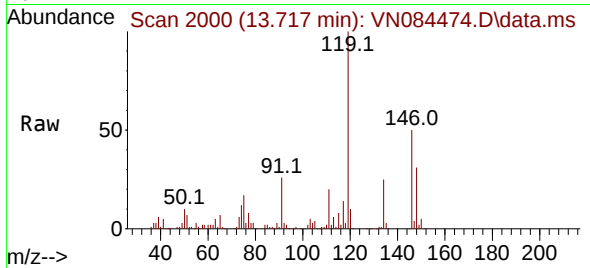
Tgt Ion:119 Resp: 195523
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 50.2
 91 24.9 0.0 50.6





#83
1,3-Dichlorobenzene
Concen: 21.482 ug/l
RT: 13.717 min Scan# 2014
Delta R.T. -0.018 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

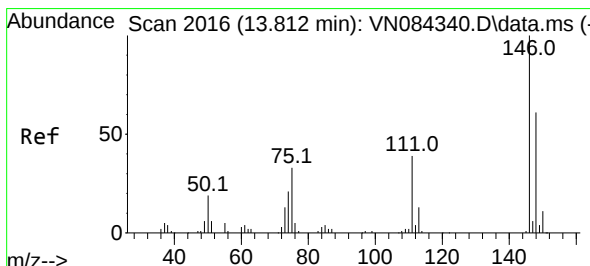
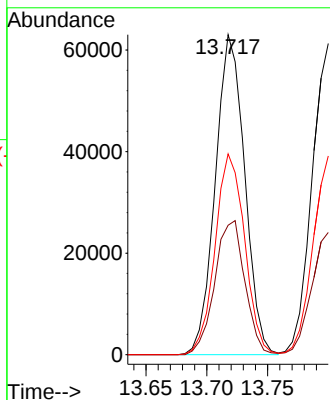
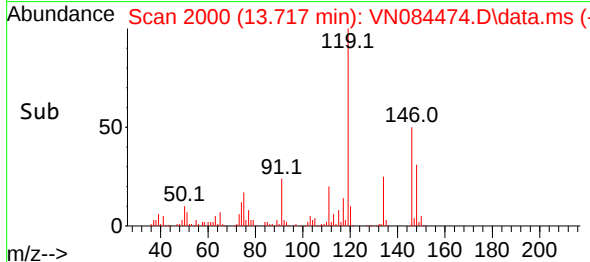
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



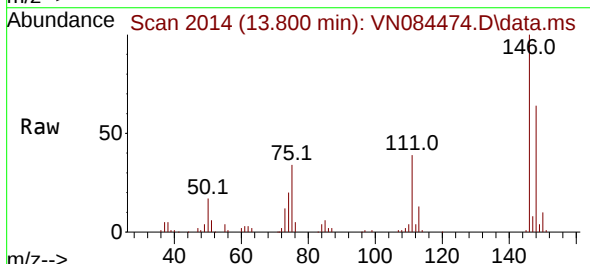
Tgt Ion:146 Resp: 105852
Ion Ratio Lower Upper
146 100
111 43.0 20.6 61.9
148 63.2 31.6 94.7

Manual Integrations
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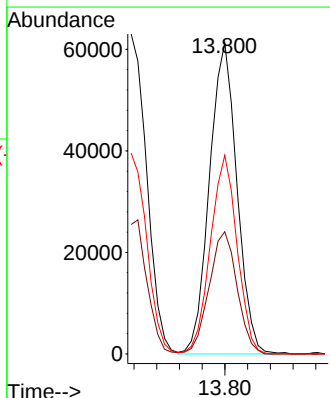
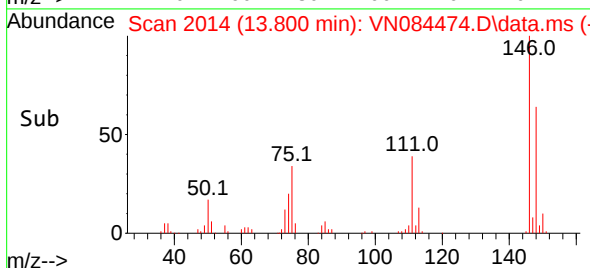
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024

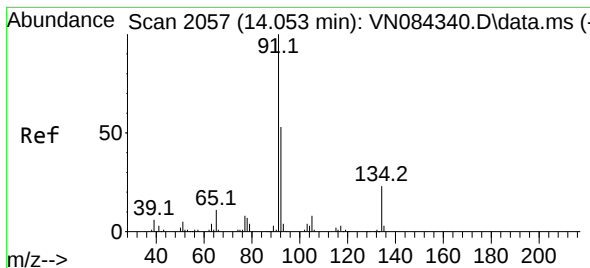


#84
1,4-Dichlorobenzene
Concen: 21.072 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.012 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10



Tgt Ion:146 Resp: 103105
Ion Ratio Lower Upper
146 100
111 39.9 20.5 61.5
148 61.9 32.5 97.4





#85

n-Butylbenzene

Concen: 20.899 ug/l

RT: 14.047 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VN084474.D

Acq: 23 Oct 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

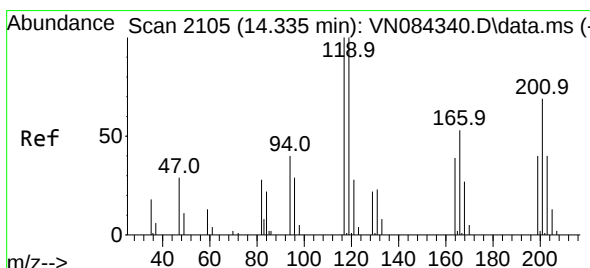
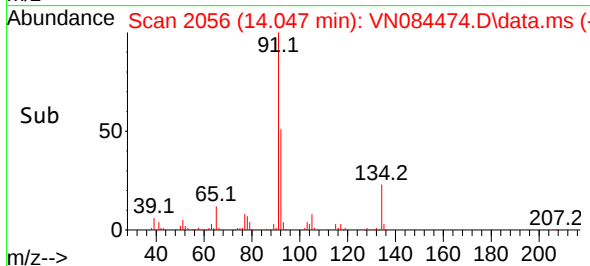
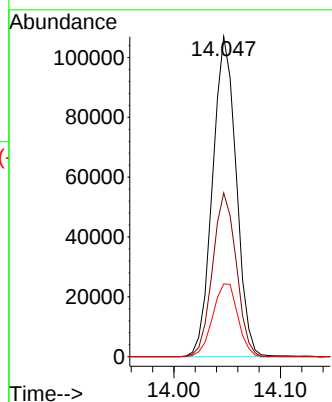
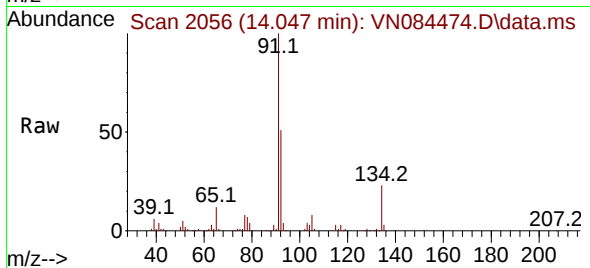
VSTDCCC020EC

Tgt Ion: 91	Resp: 164870
Ion Ratio	Lower Upper
91	100
92	51.1 0.0 103.4
134	24.2 0.0 48.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#86

Hexachloroethane

Concen: 20.856 ug/l

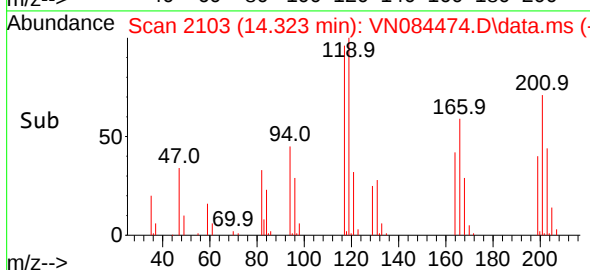
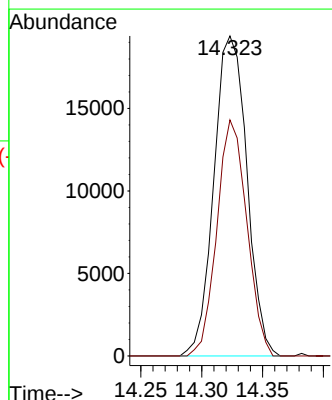
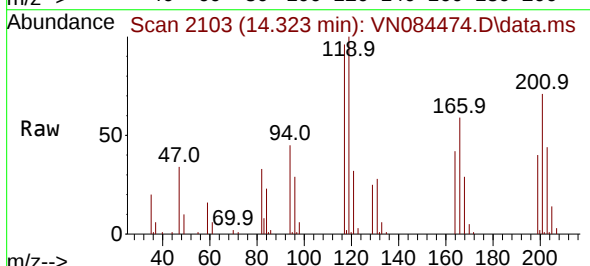
RT: 14.323 min Scan# 2103

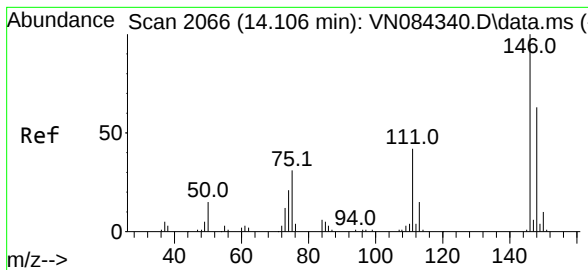
Delta R.T. -0.012 min

Lab File: VN084474.D

Acq: 23 Oct 2024 16:10

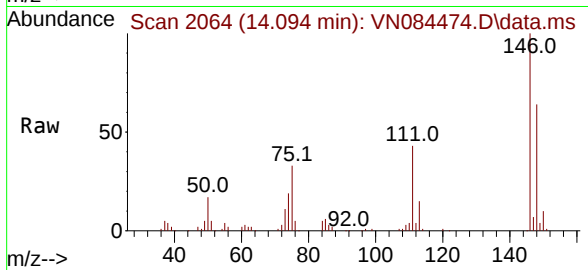
Tgt Ion:117	Resp: 36599
Ion Ratio	Lower Upper
117	100
201	66.8 33.9 101.6





#87
1,2-Dichlorobenzene
Concen: 21.409 ug/l
RT: 14.094 min Scan# 2064
Delta R.T. -0.012 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

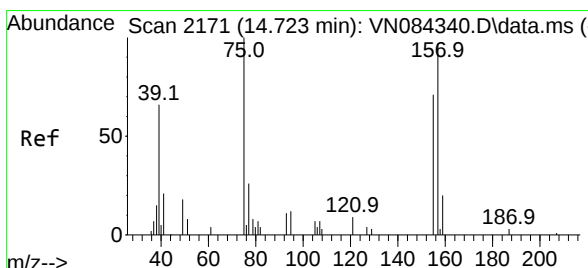
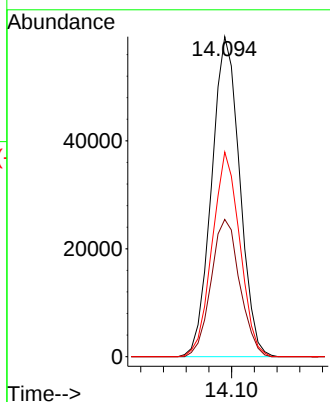
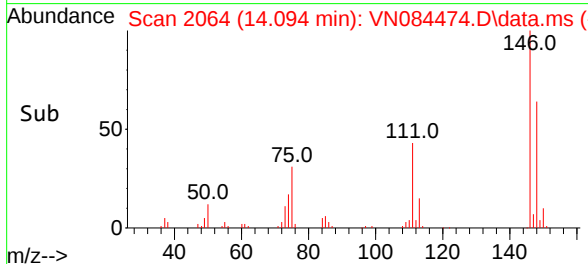
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 10199
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.5
148 62.8 31.1 93.5

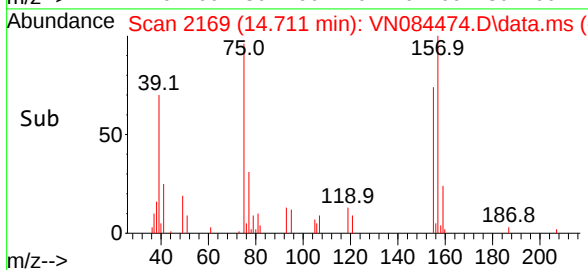
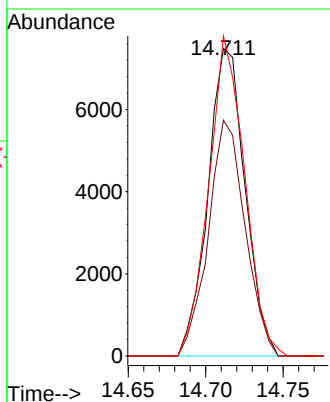
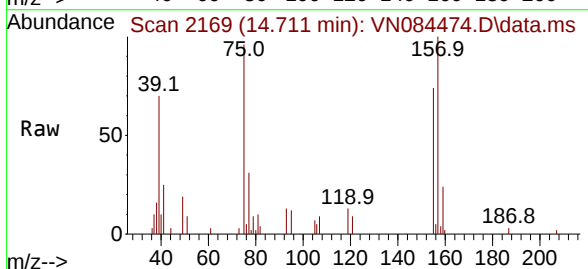
Manual Integrations
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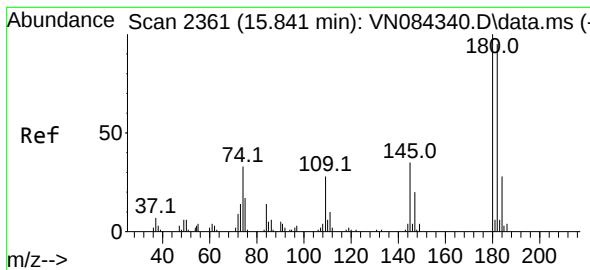
Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.024 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.012 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Tgt Ion: 75 Resp: 12477
Ion Ratio Lower Upper
75 100
155 75.9 61.8 92.8
157 100.6 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 19.379 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN084474.D

Acq: 23 Oct 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

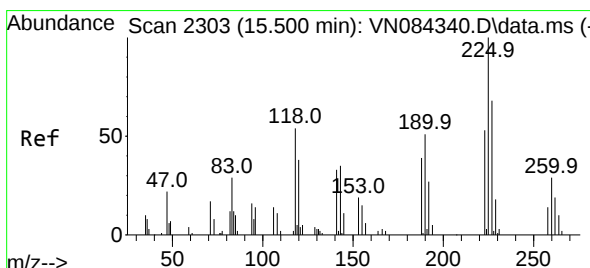
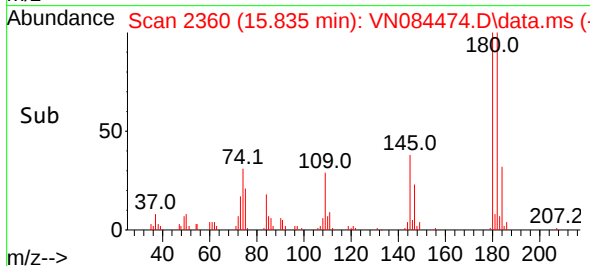
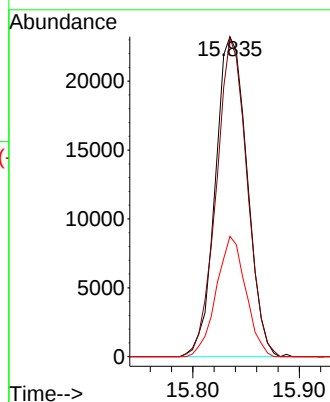
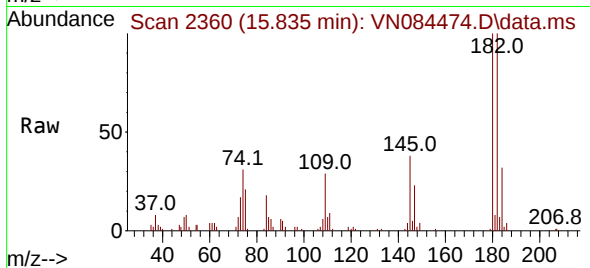
VSTDCCC020EC

Tgt Ion:180	Resp:	4800	
Ion Ratio	Lower	Upper	
180	100		
182	96.3	77.8	116.6
145	34.9	28.9	43.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#90

Hexachlorobutadiene

Concen: 20.814 ug/l

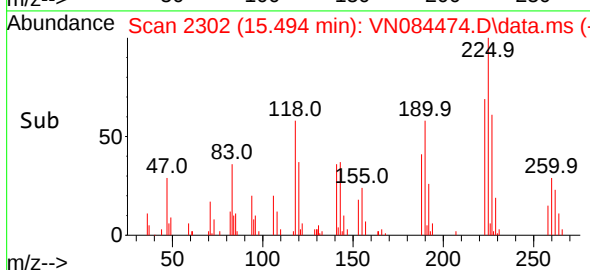
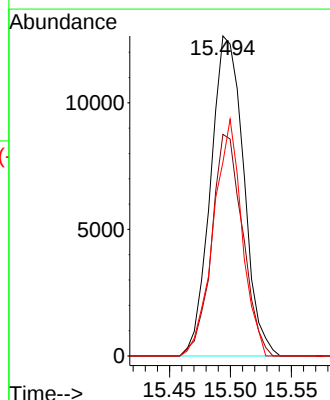
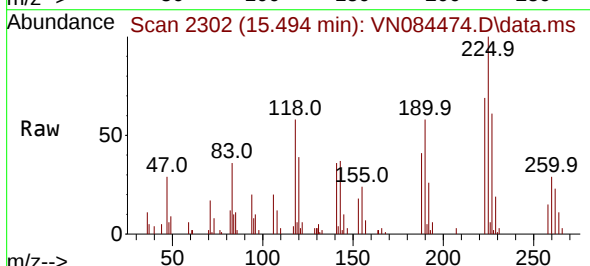
RT: 15.494 min Scan# 2302

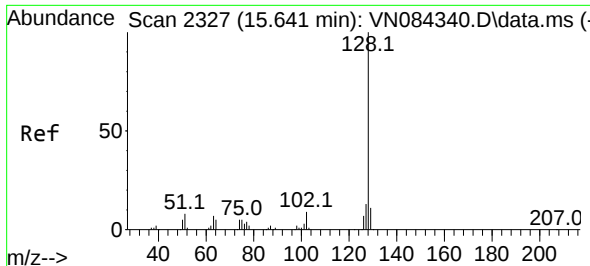
Delta R.T. -0.006 min

Lab File: VN084474.D

Acq: 23 Oct 2024 16:10

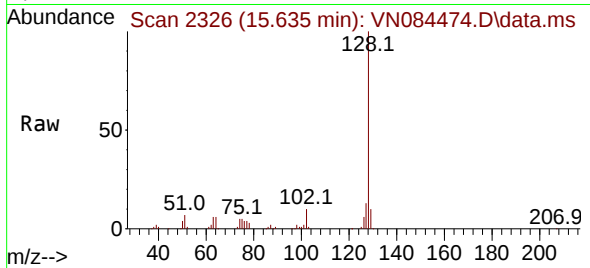
Tgt Ion:225	Resp:	23851	
Ion Ratio	Lower	Upper	
225	100		
223	65.0	0.0	124.0
227	63.9	0.0	130.8





#91
Naphthalene
Concen: 16.614 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

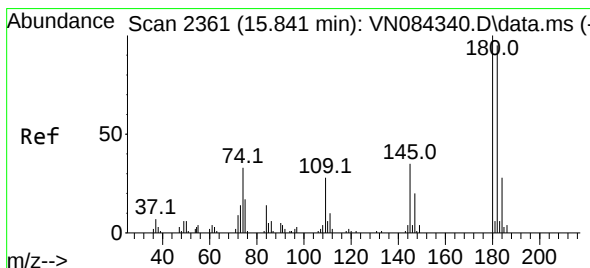
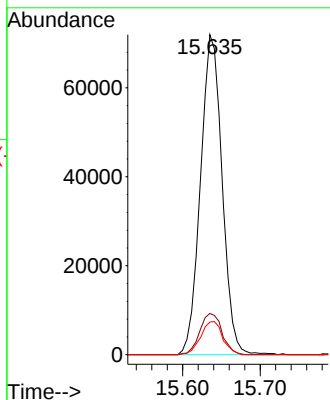
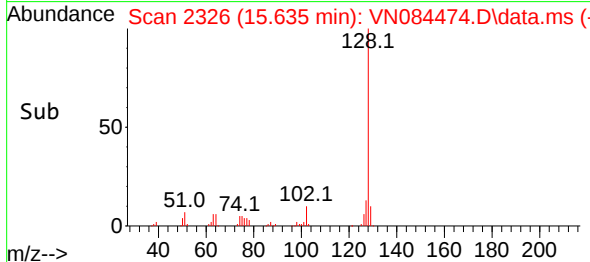
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 139454
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.5 8.8 13.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/24/2024
Supervised By :Mahesh Dadoda 10/24/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.379 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN084474.D
Acq: 23 Oct 2024 16:10

Tgt Ion:180 Resp: 48003
Ion Ratio Lower Upper
180 100
182 96.3 0.0 194.4
145 34.9 0.0 72.2

