

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084614.D
 Acq On : 31 Oct 2024 12:32
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/04/2024
 Supervised By : Mahesh Dadoda 11/04/2024

Quant Time: Nov 01 02:21:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:19:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	31274	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	172181	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	154107	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	77335	30.759	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.533%			
60) 4-Bromofluorobenzene	12.847	95	77916	29.364	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.867%			
63) Toluene-d8	10.565	98	222235	30.462	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.533%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	38402	21.112	ug/l	100
3) Chloromethane	2.359	50	45455	20.756	ug/l	100
4) Vinyl Chloride	2.512	62	42937	21.114	ug/l	100
5) Bromomethane	2.901	94	22663	21.957	ug/l	100
6) Chloroethane	3.059	64	28033	20.742	ug/l	100
7) Trichlorofluoromethane	3.465	101	70369	21.307	ug/l	100
8) Diethyl Ether	3.953	74	24291	20.620	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	40406	21.649	ug/l	100
10) 1,1-Dichloroethene	4.324	96	38356	21.045	ug/l	100
11) Methyl Iodide	4.583	142	52273	20.867	ug/l	100
12) Methyl Acetate	5.018	43	56085	19.721	ug/l	100
13) Acrolein	4.177	56	36444	104.025	ug/l	100
14) Acrylonitrile	5.718	53	93989	101.129	ug/l	100
15) Acetone	4.430	58	24469	102.461	ug/l	100
16) Carbon Disulfide	4.695	76	112057	20.895	ug/l	100
17) Allyl chloride	5.006	41	64662	21.027	ug/l	100
18) Methylene Chloride	5.265	84	46076	21.573	ug/l	100
19) trans-1,2-Dichloroethene	5.783	96	39708	20.785	ug/l	100
20) Diisopropyl ether	6.671	45	130988	21.069	ug/l	100
21) 1,1-Dichloroethane	6.559	63	79269	21.202	ug/l	100
22) cis-1,2-Dichloroethene	7.483	96	46637	20.448	ug/l	100
23) tert-Butyl Alcohol	5.542	59	32351m	99.706	ug/l	
24) Methyl tert-Butyl Ether	5.789	73	121117	20.549	ug/l	100
25) Chloroform	7.965	83	81615	21.306	ug/l	100
26) Cyclohexane	8.247	56	58646	20.535	ug/l	100
29) 1,1-Dichloropropene	8.365	75	53609	20.671	ug/l	100
30) 2-Butanone	7.483	43	118837	99.338	ug/l	100
31) 2,2-Dichloropropane	7.489	77	66980	21.158	ug/l	100
32) 1,1,1-Trichloroethane	8.159	97	74085	21.027	ug/l	100
33) Carbon Tetrachloride	8.359	117	61528	20.465	ug/l	100
34) Benzene	8.600	78	175051	20.421	ug/l	100
35) Methacrylonitrile	7.777	41	28223	19.906	ug/l	100
36) 1,2-Dichloroethane	8.665	62	59810	20.981	ug/l	100
37) Trichloroethene	9.347	130	40135	20.754	ug/l	100
38) Methylcyclohexane	9.600	83	54992	19.697	ug/l	100
39) 1,2-Dichloropropane	9.618	63	42682	20.684	ug/l	100
40) Dibromomethane	9.706	93	30074	20.833	ug/l	100
41) Bromodichloromethane	9.882	83	62781	20.287	ug/l	100
42) Vinyl Acetate	6.600	43	448664	100.337	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	49217	19.343	ug/l	98
44) Isopropyl Acetate	8.688	43	96864	19.030	ug/l	100
45) 1,4-Dioxane	9.694	88	13694	402.979	ug/l	100
46) Methyl methacrylate	9.682	41	40026	19.568	ug/l	100
47) n-amyl Acetate	12.494	43	76604	20.151	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	60713	19.868	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	66524	20.312	ug/l	100
50) 1,1,2-Trichloroethane	11.018	97	40510	20.921	ug/l	100
51) Ethyl methacrylate	10.877	69	57722	19.339	ug/l	100
52) 1,3-Dichloropropane	11.165	76	70002	20.827	ug/l	100
53) Dibromochloromethane	11.359	129	45946	20.276	ug/l	100
54) 1,2-Dibromoethane	11.465	107	40970	20.920	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	152772	104.401	ug/l	100
56) Bromoform	12.576	173	30104	19.820	ug/l	100
58) 4-Methyl-2-Pentanone	10.447	43	251499	103.446	ug/l	100
59) 2-Hexanone	11.194	43	182123	102.300	ug/l	100
61) Tetrachloroethene	11.100	164	33984	21.071	ug/l	100
62) Toluene	10.630	91	182960	20.845	ug/l	100
64) Chlorobenzene	11.888	112	110008	20.761	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	40878	20.991	ug/l	100
66) Ethyl Benzene	11.965	91	187374	20.313	ug/l	100
67) m/p-Xylenes	12.071	106	145866	41.303	ug/l	100
68) o-Xylene	12.400	106	70893	20.810	ug/l	100
69) Styrene	12.412	104	116660	20.424	ug/l	100
70) Isopropylbenzene	12.694	105	171676	20.286	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	58304	21.256	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	54117m	20.681	ug/l	
73) Bromobenzene	12.976	156	45364	20.784	ug/l	100
74) n-propylbenzene	13.035	91	200691	20.280	ug/l	100
75) 2-Chlorotoluene	13.123	91	132203	20.515	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	147751	20.434	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	19637	20.442	ug/l	100
78) 4-Chlorotoluene	13.218	91	133430	20.493	ug/l	100
79) tert-butylbenzene	13.435	119	117804	19.701	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	148836	20.404	ug/l	100
81) sec-Butylbenzene	13.612	105	164903	20.014	ug/l	100
82) p-Isopropyltoluene	13.729	119	137483	19.858	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	83438	20.670	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	80500	20.182	ug/l	100
85) n-Butylbenzene	14.053	91	109807	18.885	ug/l	100
86) Hexachloroethane	14.329	117	29191	20.617	ug/l	100
87) 1,2-Dichlorobenzene	14.100	146	84342	21.203	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11061	20.899	ug/l	100
89) 1,2,4-Trichlorobenzene	15.835	180	39326	20.305	ug/l	100
90) Hexachlorobutadiene	15.500	225	17295	20.443	ug/l	100
91) Naphthalene	15.641	128	115679	18.702	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	39326	20.305	ug/l	100

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

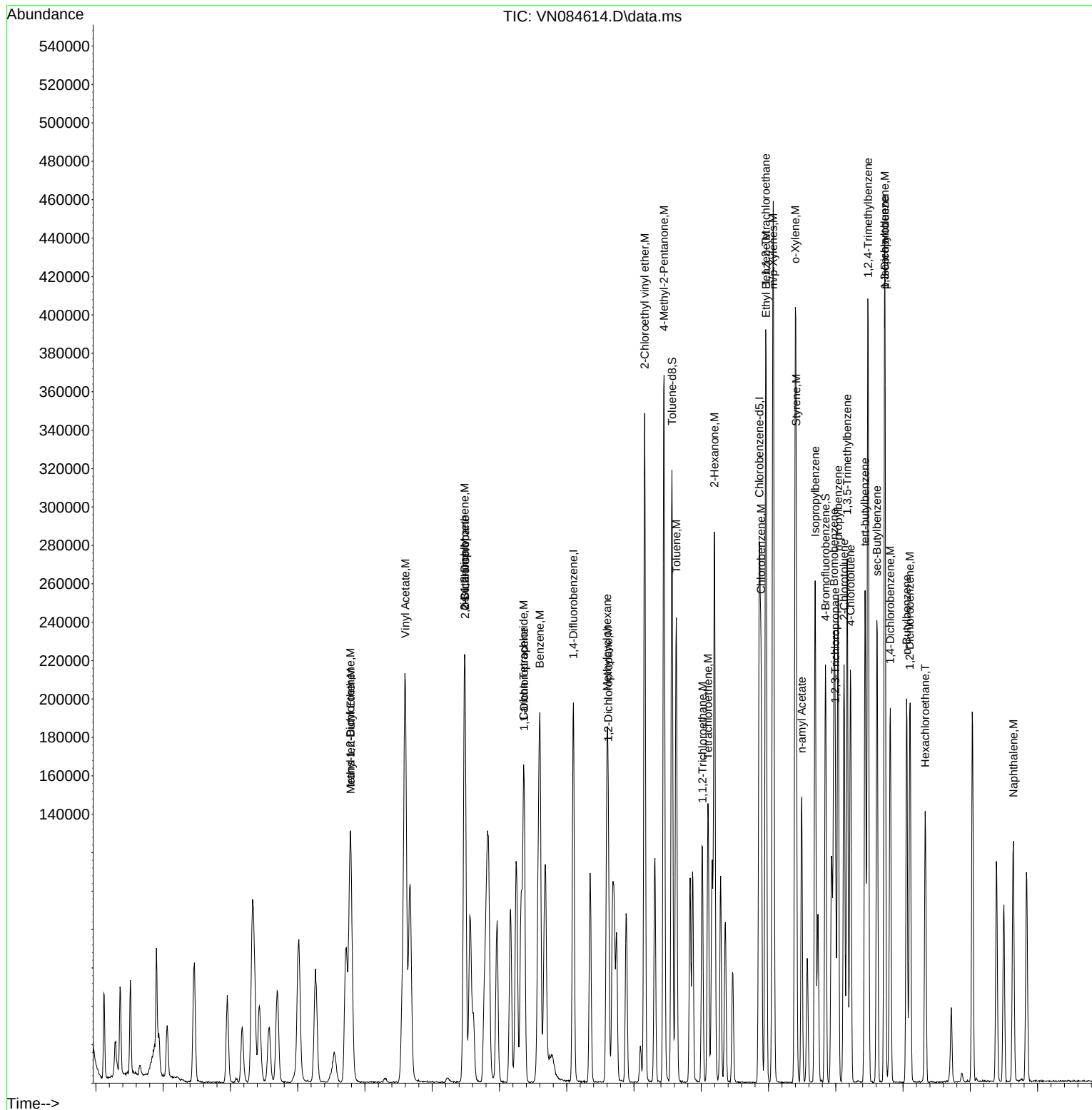
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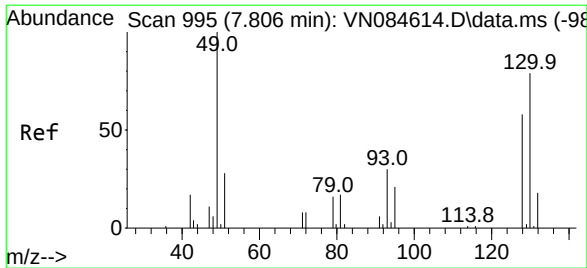
Instrument :
MSVOA_N
ClientSampleId :
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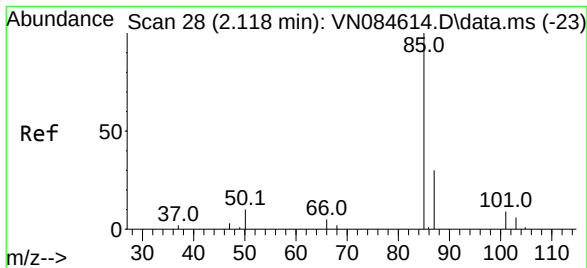
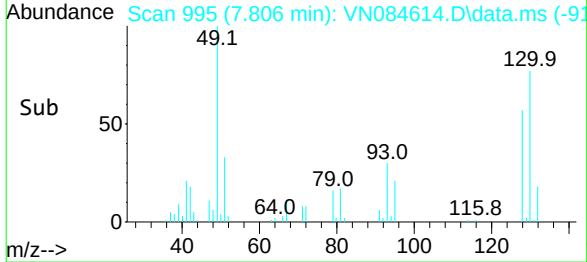
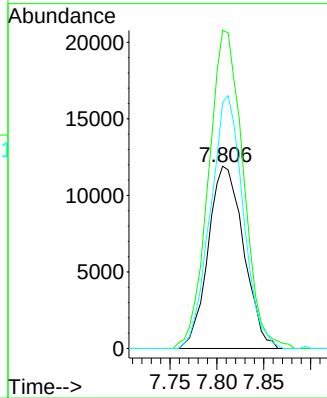
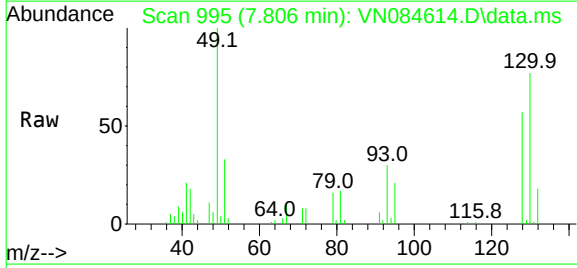
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
128	100		
49	170.8	0.0	427.0
130	128.9	0.0	322.2

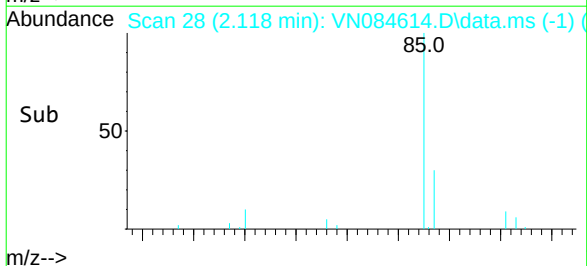
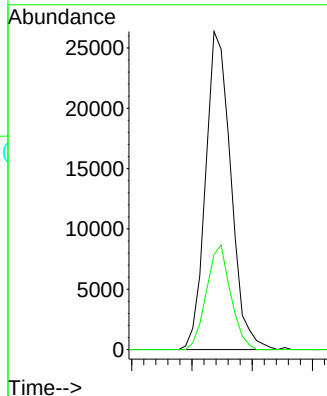
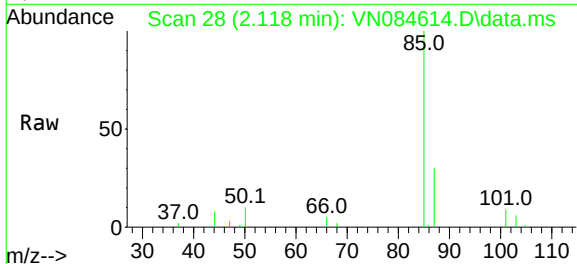
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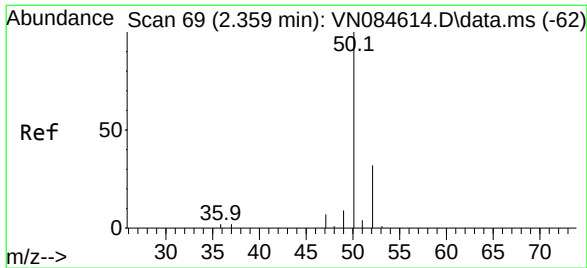
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#2
Dichlorodifluoromethane
Concen: 21.112 ug/l
RT: 2.118 min Scan# 28
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

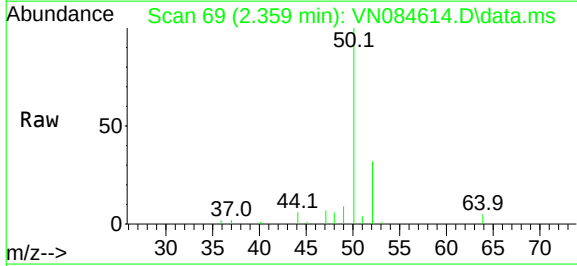
Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.9	14.9	44.9





#3
Chloromethane
Concen: 20.756 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

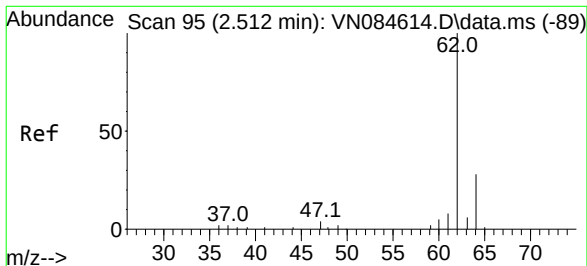
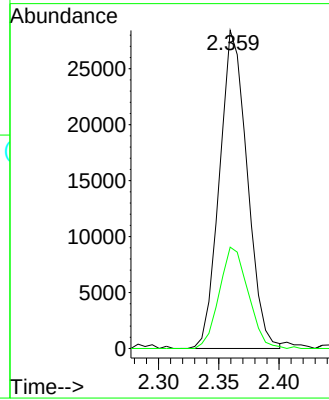
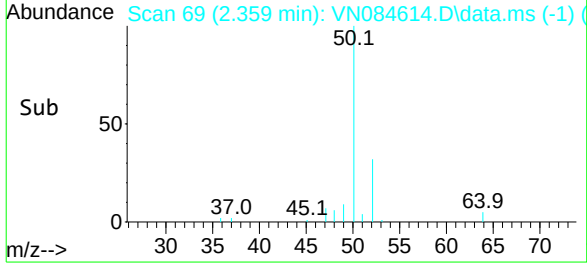
Instrument :
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Tgt Ion: 50 Resp: 45455
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3

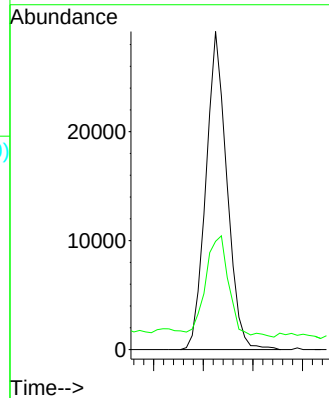
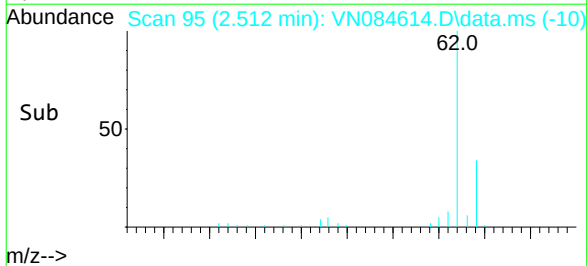
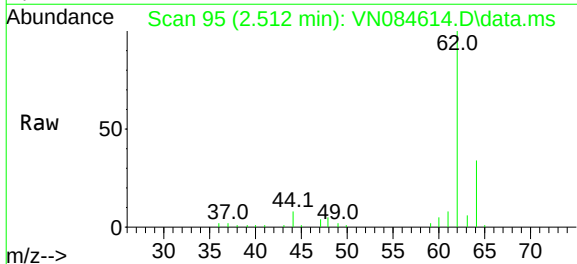
Manual Integrations
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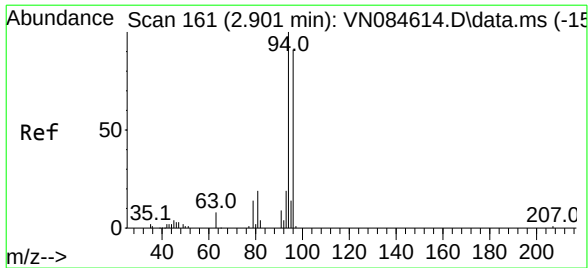
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#4
Vinyl Chloride
Concen: 21.114 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 62 Resp: 42937
Ion Ratio Lower Upper
62 100
64 28.9 23.1 34.7





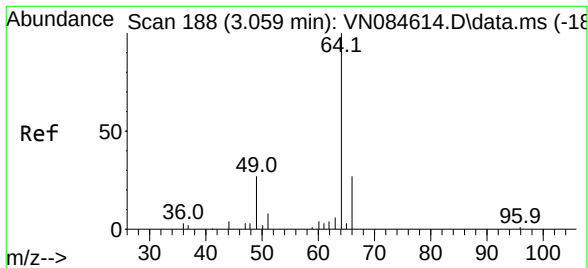
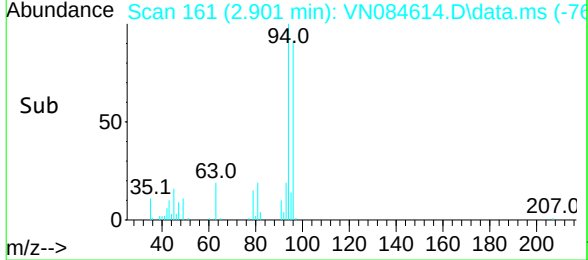
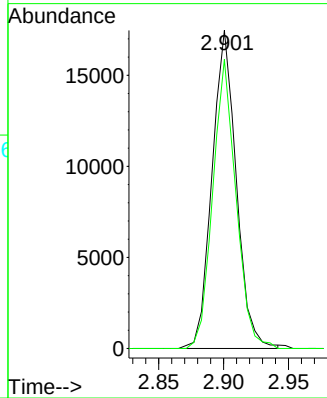
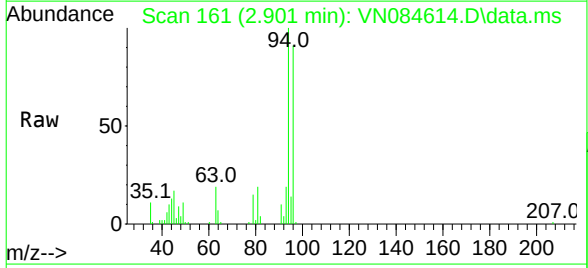
#5
Bromomethane
Concen: 21.957 ug/l
RT: 2.901 min Scan# 161
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 94 Resp: 22663
Ion Ratio Lower Upper
94 100
96 90.9 72.7 109.1

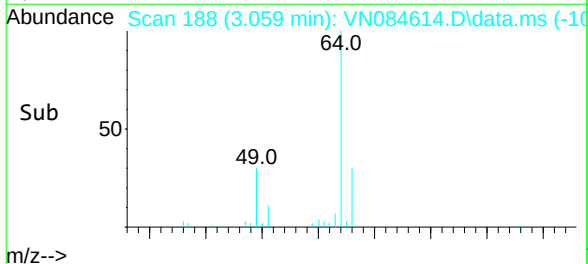
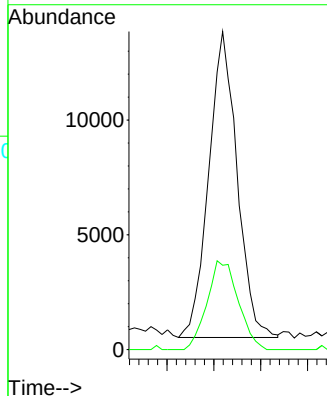
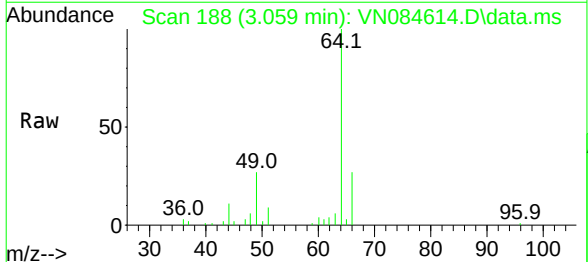
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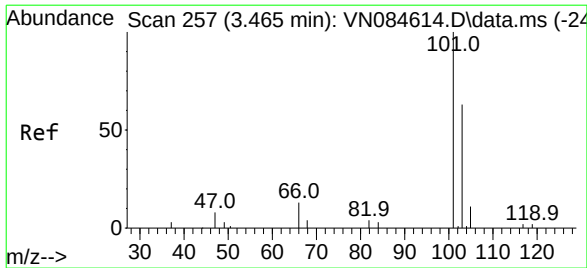
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#6
Chloroethane
Concen: 20.742 ug/l
RT: 3.059 min Scan# 188
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

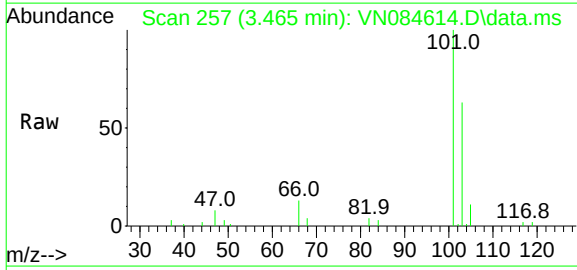
Tgt Ion: 64 Resp: 28033
Ion Ratio Lower Upper
64 100
66 27.6 22.1 33.1





#7
 Trichlorofluoromethane
 Concen: 21.307 ug/l
 RT: 3.465 min Scan# 257
 Delta R.T. 0.000 min
 Lab File: VN084614.D
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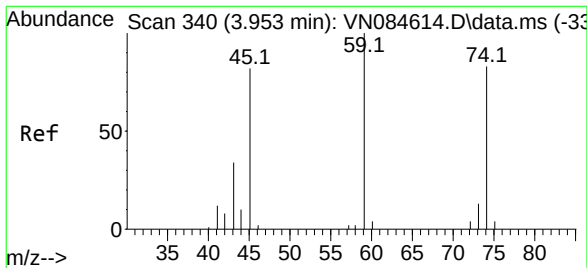
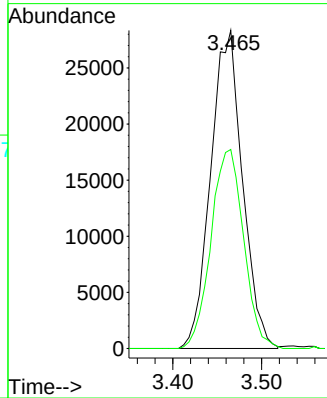
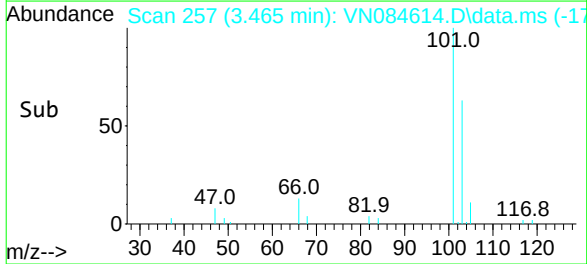
Instrument :
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Tgt Ion: 101 Resp: 70369
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.1 75.1

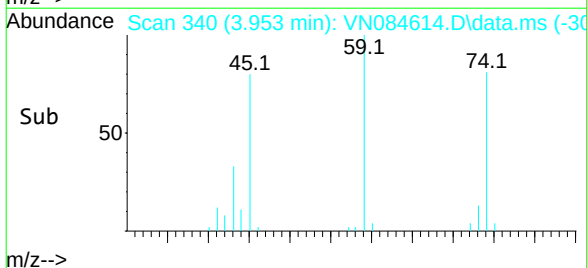
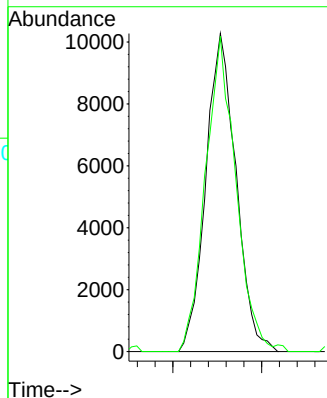
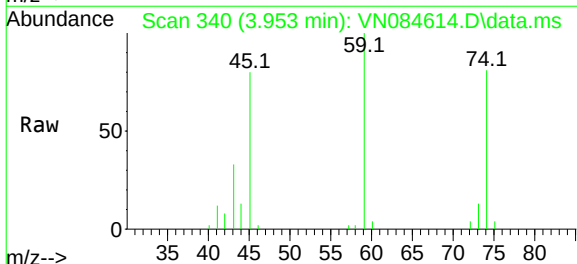
Manual Integrations
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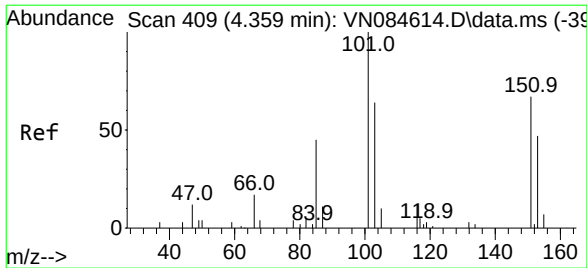
Reviewed By : Semsettin Yesilyurt 11/04/2024
 Supervised By : Mahesh Dadoda 11/04/2024



#8
 Diethyl Ether
 Concen: 20.620 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN084614.D
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Tgt Ion: 74 Resp: 24291
 Ion Ratio Lower Upper
 74 100
 45 99.1 19.8 178.4





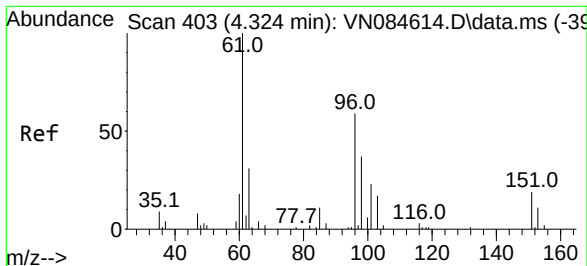
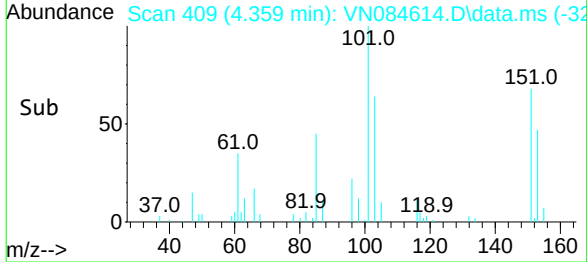
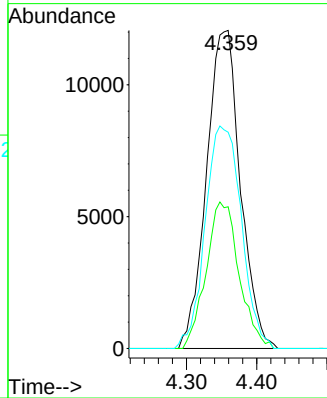
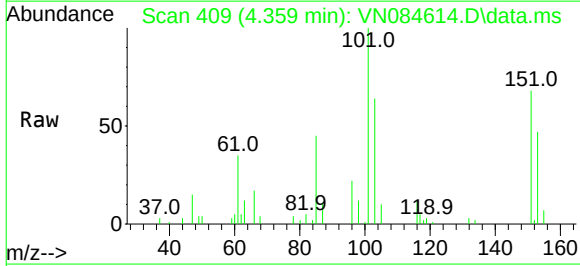
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.649 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN084614.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 40406
Ion Ratio Lower Upper
101 100
85 44.8 0.0 89.6
151 74.7 0.0 149.4

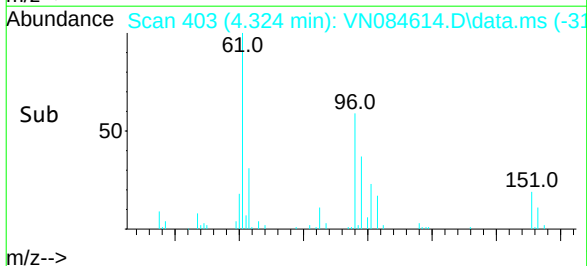
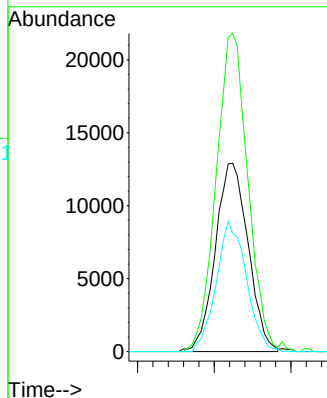
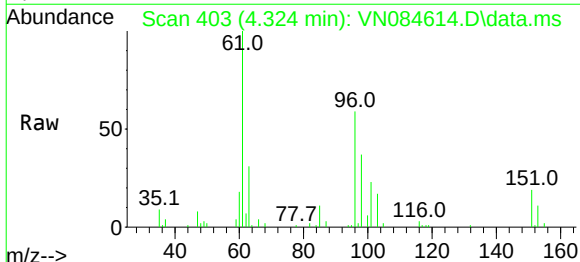
Manual Integrations
APPROVED

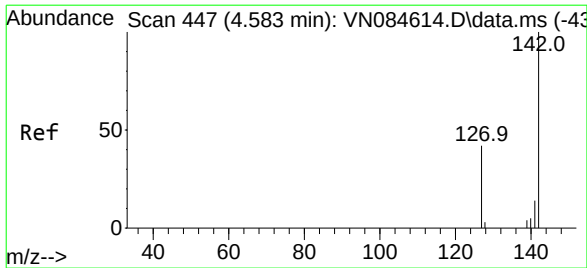
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#10
1,1-Dichloroethene
Concen: 21.045 ug/l
RT: 4.324 min Scan# 403
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

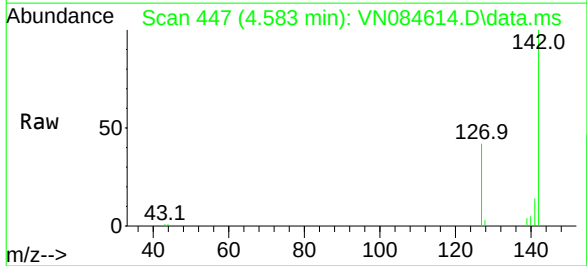
Tgt Ion: 96 Resp: 38356
Ion Ratio Lower Upper
96 100
61 168.9 135.1 202.7
98 63.0 50.4 75.6





#11
Methyl Iodide
Concen: 20.867 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

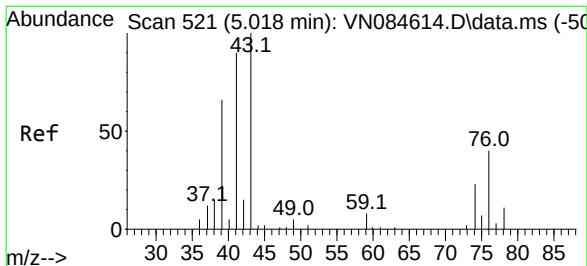
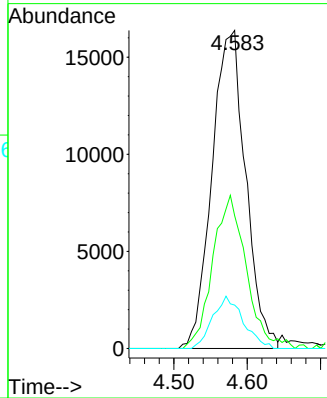
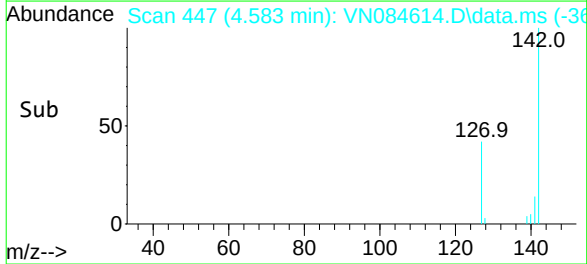
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 142 Resp: 52273
Ion Ratio Lower Upper
142 100
127 40.6 20.3 60.9
141 13.8 6.9 20.7

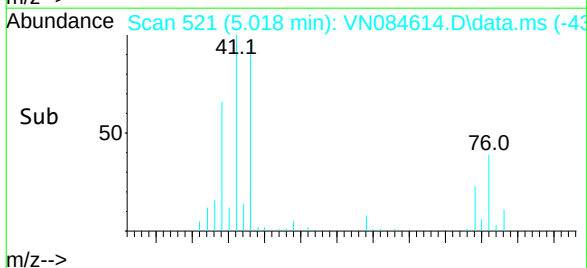
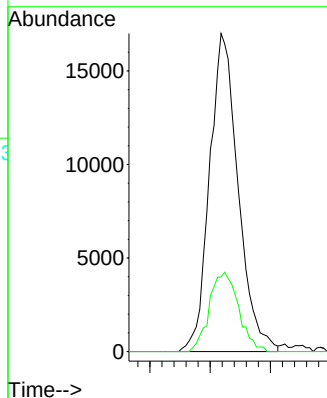
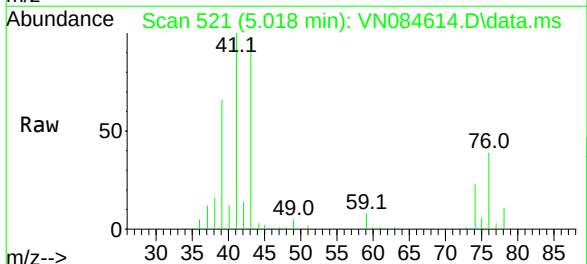
Manual Integrations
APPROVED

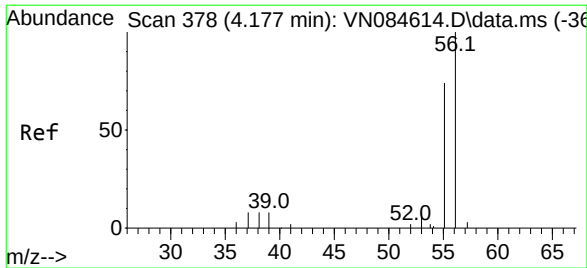
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#12
Methyl Acetate
Concen: 19.721 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 43 Resp: 56085
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.4





#13

Acrolein

Concen: 104.025 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 56 Resp: 36444

Ion Ratio Lower Upper

56 100

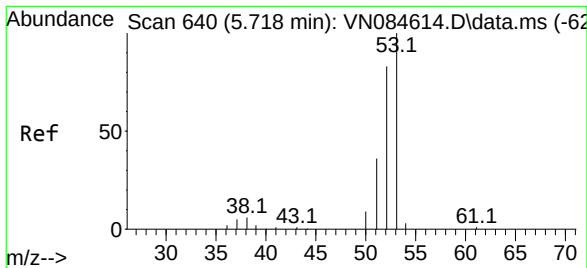
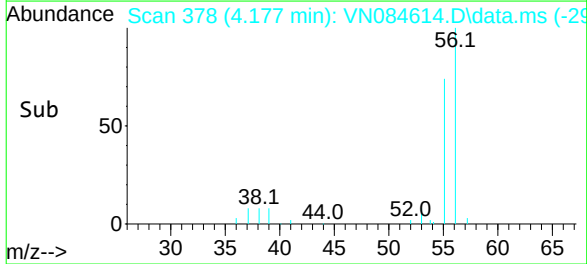
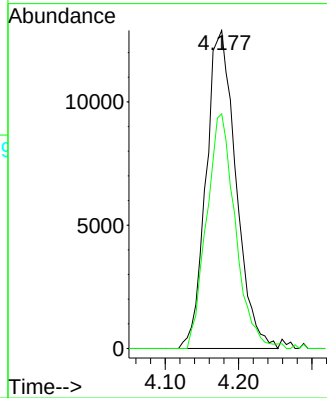
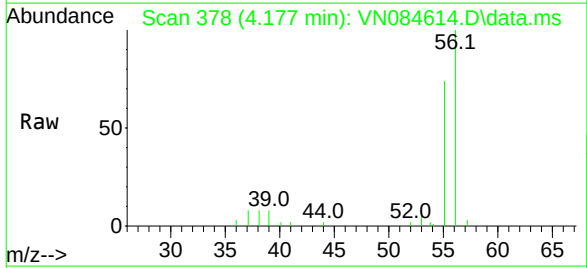
55 70.9 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024

Supervised By :Mahesh Dadoda 11/04/2024



#14

Acrylonitrile

Concen: 101.129 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

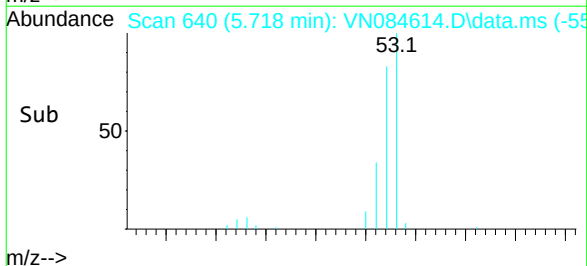
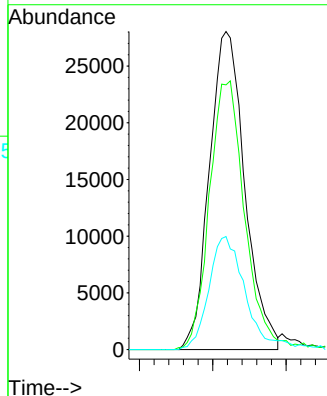
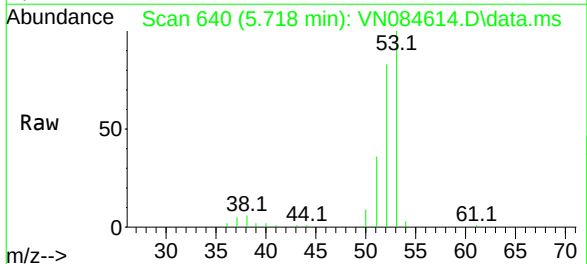
Tgt Ion: 53 Resp: 93989

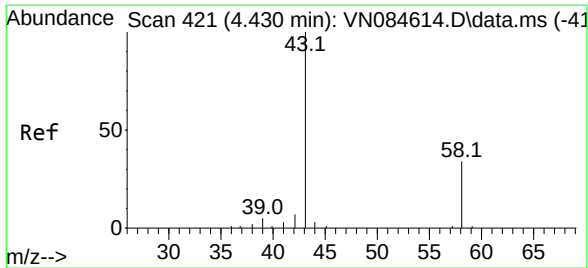
Ion Ratio Lower Upper

53 100

52 83.3 41.6 124.9

51 36.4 18.2 54.6





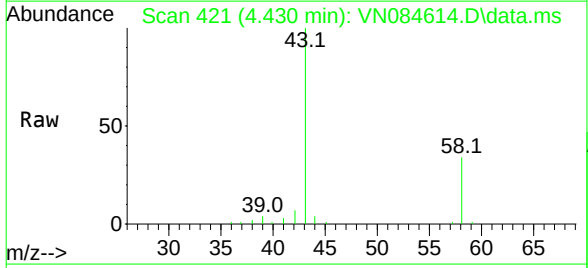
#15
 Acetone
 Concen: 102.461 ug/l
 RT: 4.430 min Scan# 421
 Delta R.T. 0.000 min
 Lab File: VN084614.D
 Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

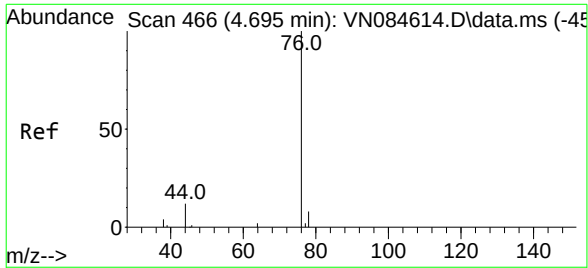
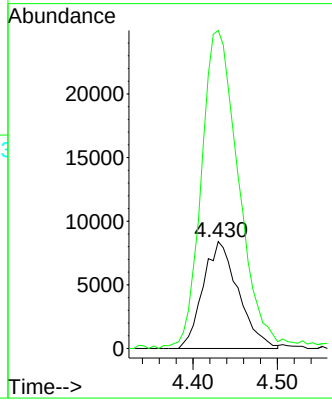
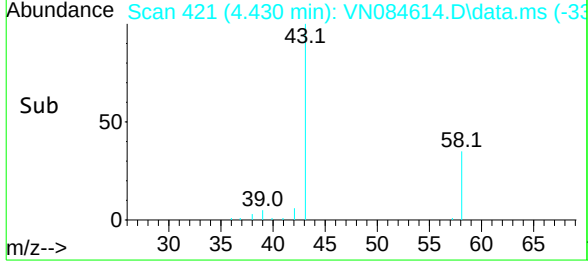
VSTDICCC020



Tgt Ion: 58 Resp: 24469
 Ion Ratio Lower Upper
 58 100
 43 291.3 233.0 349.6

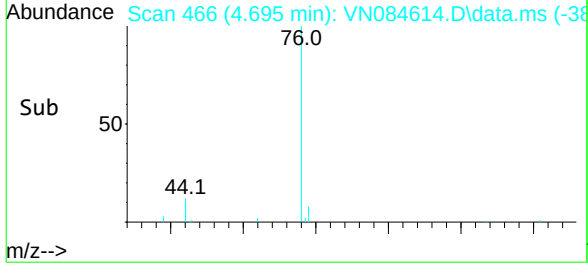
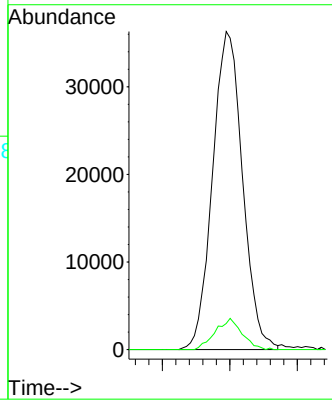
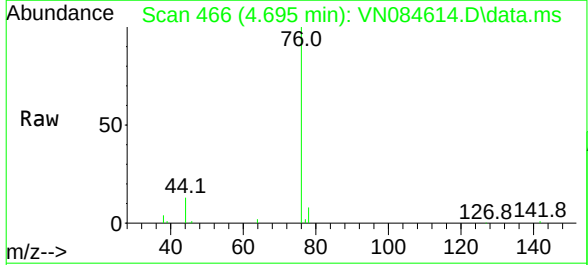
Manual Integrations
 APPROVED

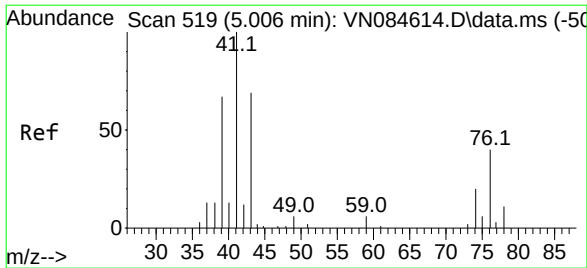
Reviewed By :Semsettin Yesilyurt 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024



#16
 Carbon Disulfide
 Concen: 20.895 ug/l
 RT: 4.695 min Scan# 466
 Delta R.T. 0.000 min
 Lab File: VN084614.D
 Acq: 31 Oct 2024 12:32

Tgt Ion: 76 Resp: 112057
 Ion Ratio Lower Upper
 76 100
 78 8.2 6.6 9.8





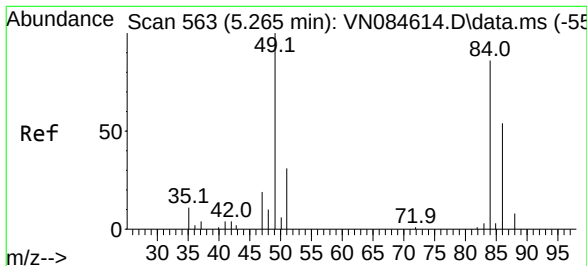
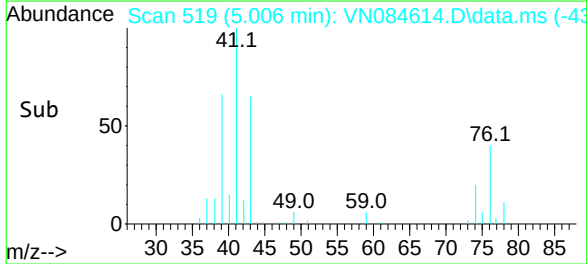
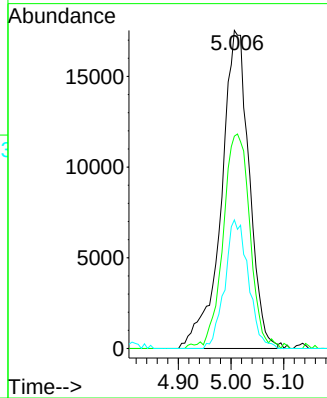
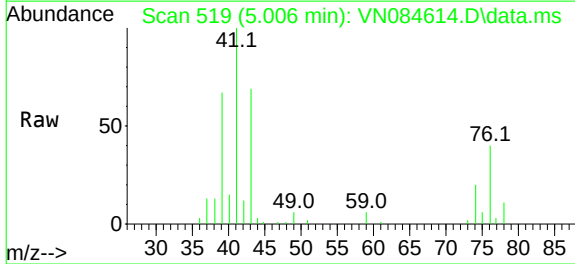
#17
Allyl chloride
Concen: 21.027 ug/l
RT: 5.006 min Scan# 519
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	41	Resp:	64662
Ion	Ratio	Lower	Upper
41	100		
39	66.8	33.4	100.2
76	40.4	20.2	60.6

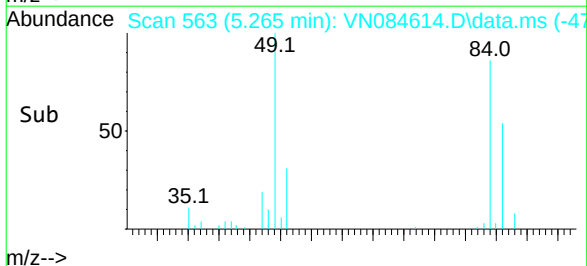
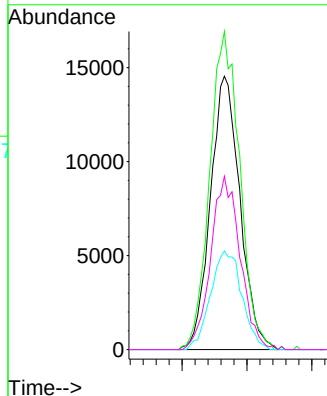
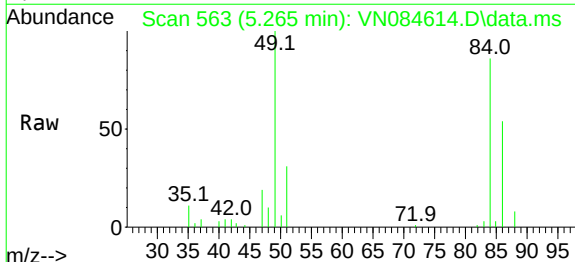
Manual Integrations
APPROVED

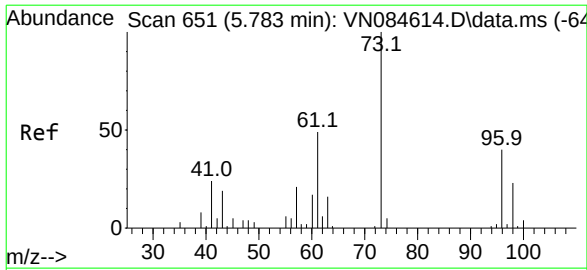
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#18
Methylene Chloride
Concen: 21.573 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:	84	Resp:	46076
Ion	Ratio	Lower	Upper
84	100		
49	116.3	93.0	139.6
51	36.1	28.9	43.3
86	63.3	50.6	76.0





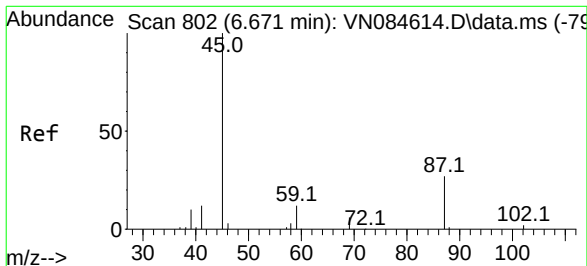
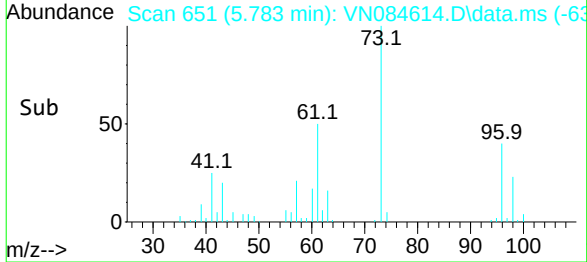
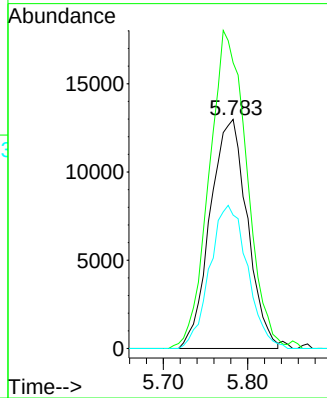
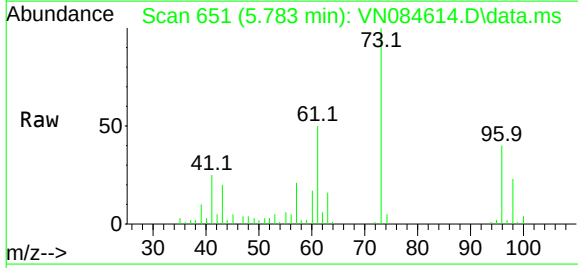
#19
trans-1,2-Dichloroethene
Concen: 20.785 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 96 Resp: 39708
Ion Ratio Lower Upper
96 100
61 122.6 98.1 147.1
98 58.2 46.6 69.8

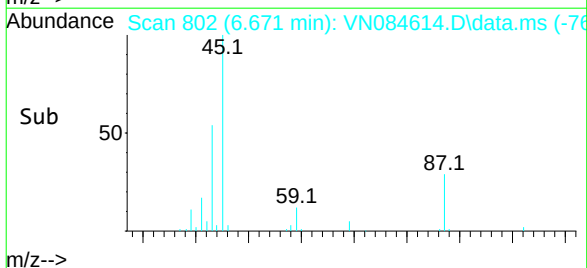
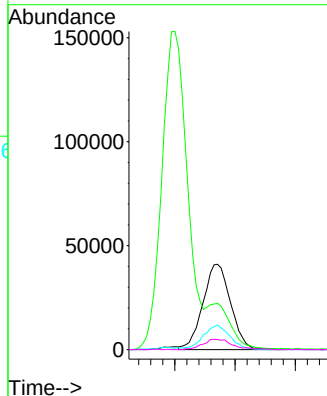
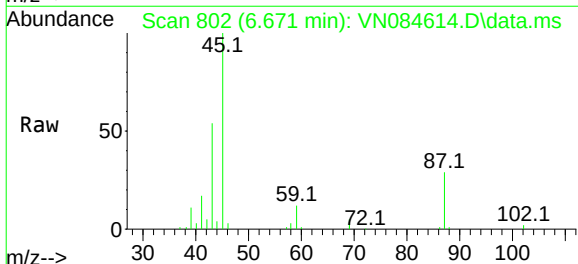
Manual Integrations
APPROVED

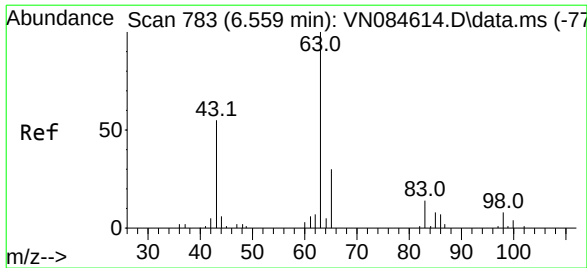
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#20
Diisopropyl ether
Concen: 21.069 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 45 Resp: 130988
Ion Ratio Lower Upper
45 100
43 53.3 42.6 64.0
87 28.7 23.0 34.4
59 11.7 9.4 14.0





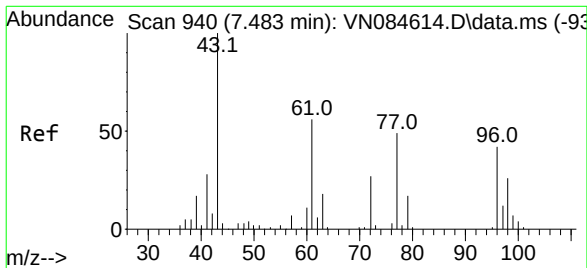
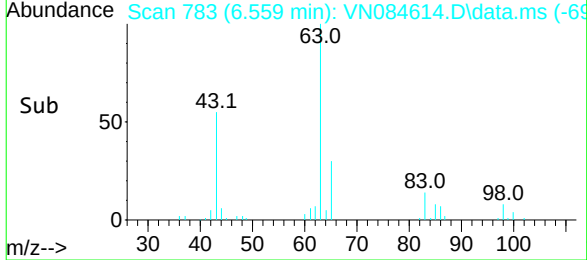
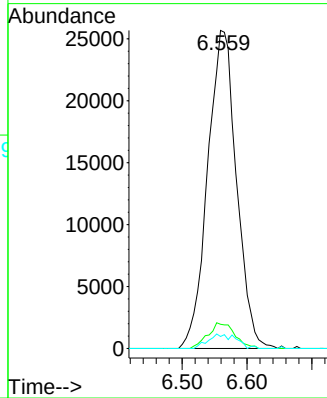
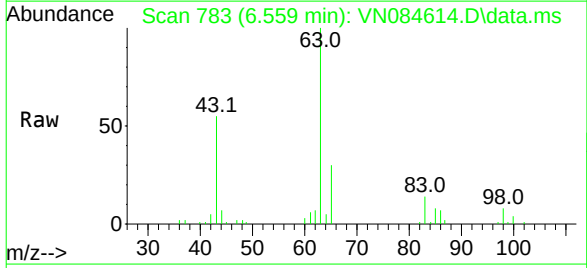
#21
1,1-Dichloroethane
Concen: 21.202 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	63	Resp:	79269
Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.8	11.4
100	3.8	1.9	5.7

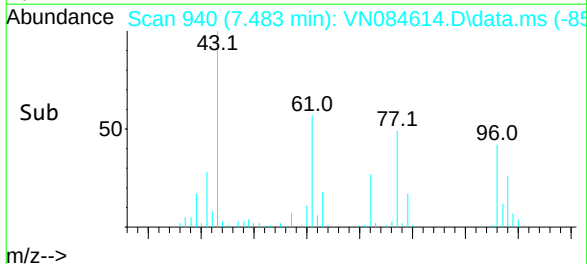
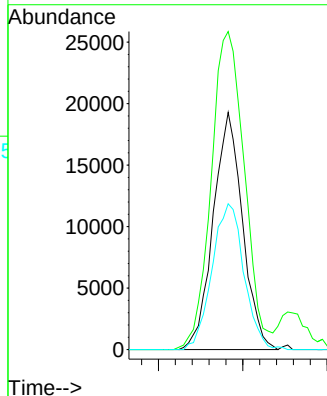
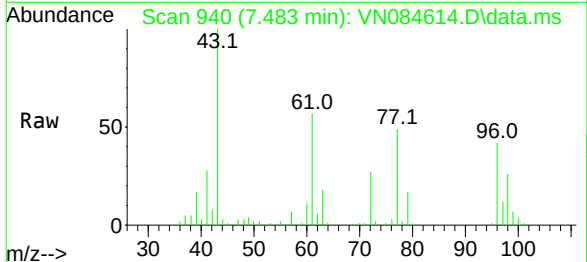
Manual Integrations
APPROVED

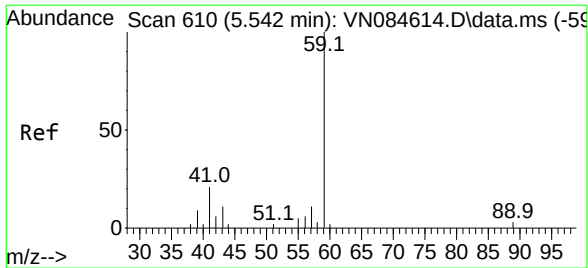
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#22
cis-1,2-Dichloroethene
Concen: 20.448 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:	96	Resp:	46637
Ion	Ratio	Lower	Upper
96	100		
61	152.3	121.8	182.8
98	66.5	53.2	79.8





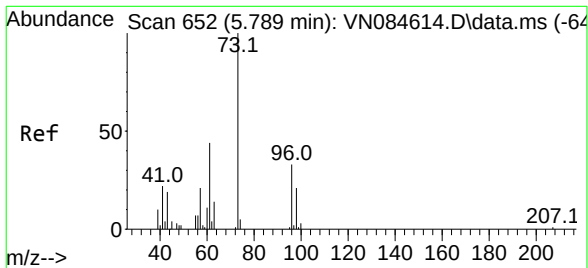
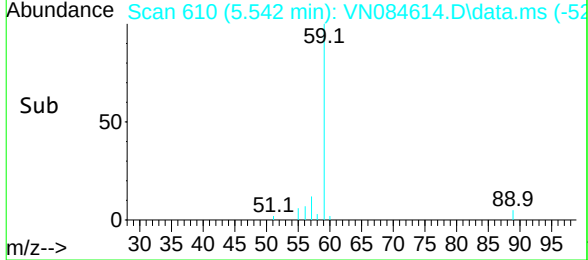
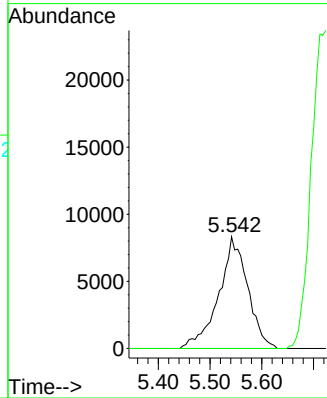
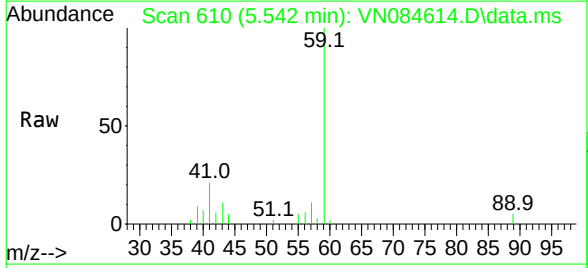
#23
tert-Butyl Alcohol
Concen: 99.706 ug/l m
RT: 5.542 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 32351
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

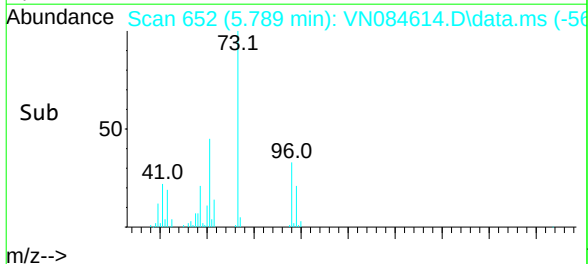
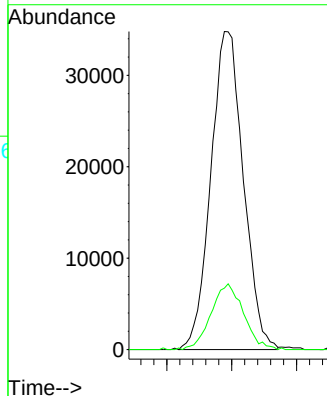
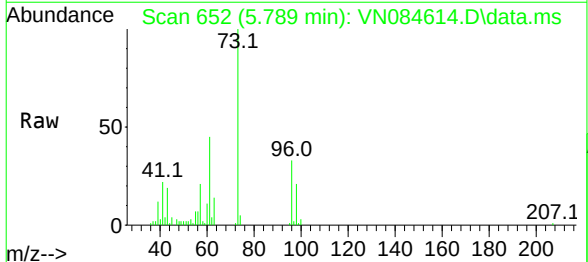
Manual Integrations
APPROVED

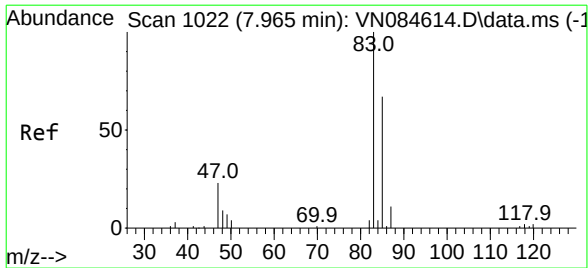
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#24
Methyl tert-Butyl Ether
Concen: 20.549 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 73 Resp: 121117
Ion Ratio Lower Upper
73 100
43 20.6 16.5 24.7





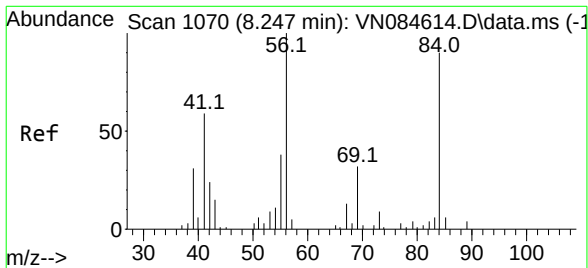
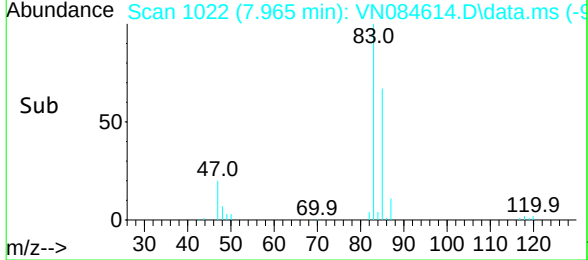
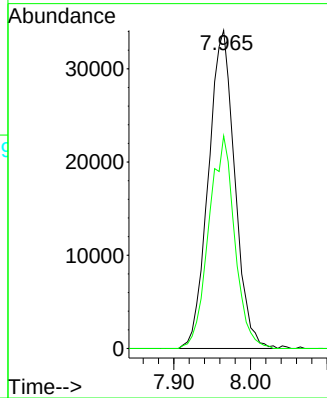
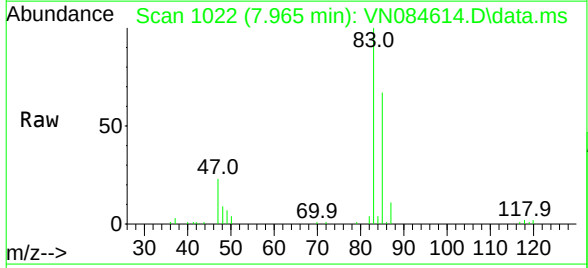
#25
Chloroform
Concen: 21.306 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 81615
Ion Ratio Lower Upper
83 100
85 66.8 53.4 80.2

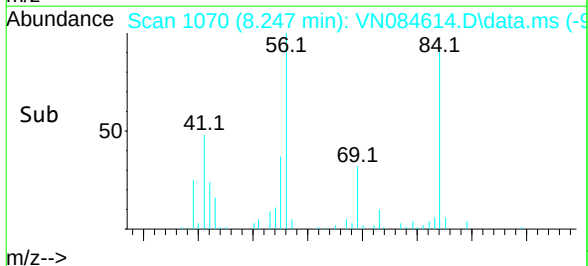
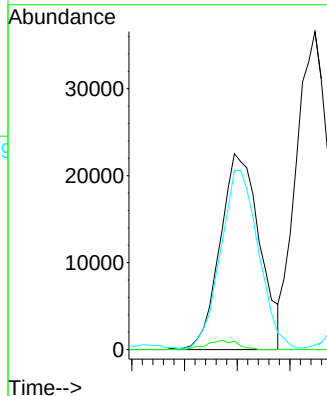
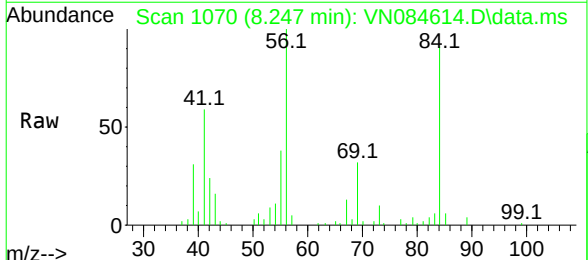
Manual Integrations
APPROVED

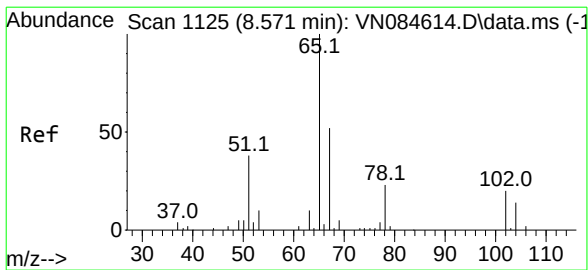
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#26
Cyclohexane
Concen: 20.535 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 56 Resp: 58646
Ion Ratio Lower Upper
56 100
89 3.7 3.0 4.4
84 88.3 70.6 106.0





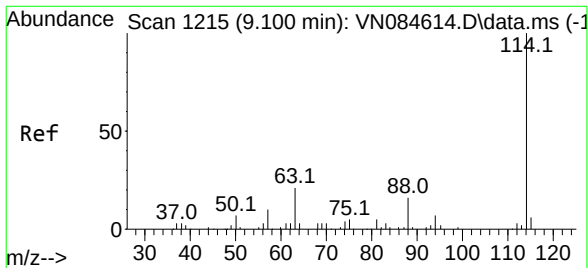
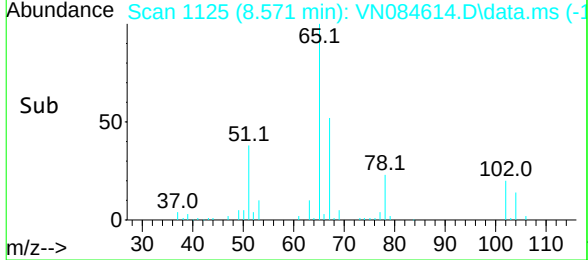
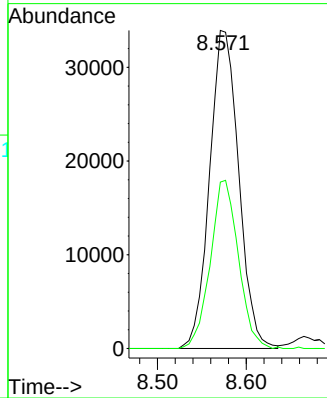
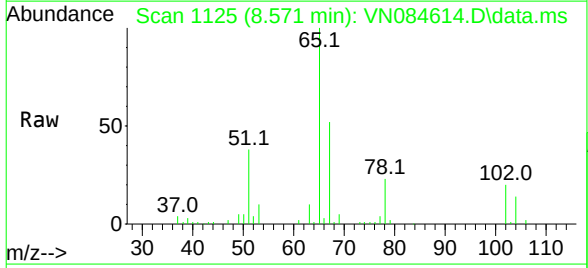
#27
1,2-Dichloroethane-d4
Concen: 30.759 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 77335
Ion Ratio Lower Upper
65 100
67 50.9 40.7 61.1

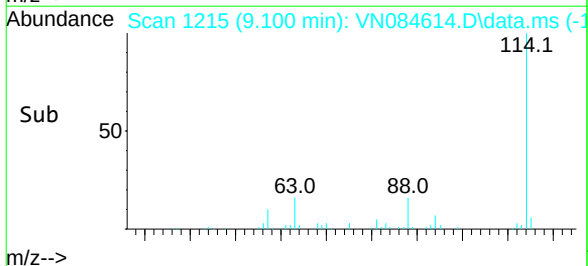
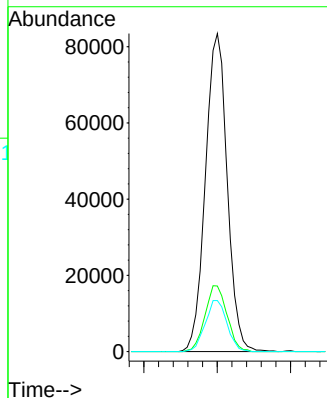
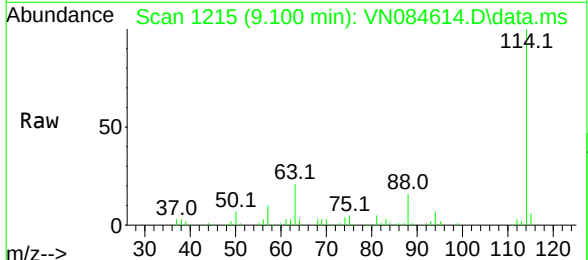
Manual Integrations
APPROVED

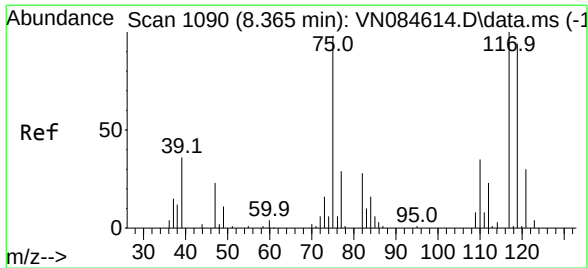
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:114 Resp: 172181
Ion Ratio Lower Upper
114 100
63 21.0 16.8 25.2
88 16.1 12.9 19.3





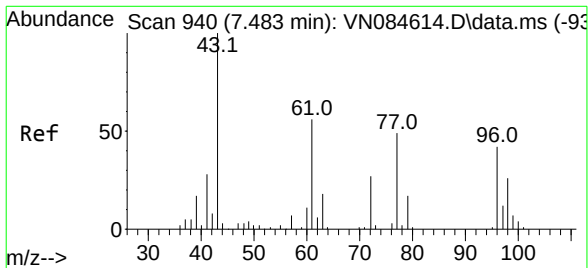
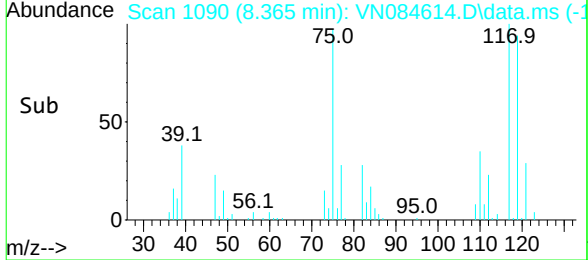
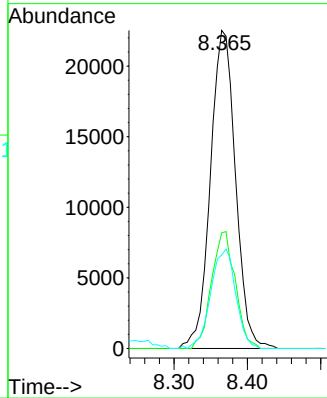
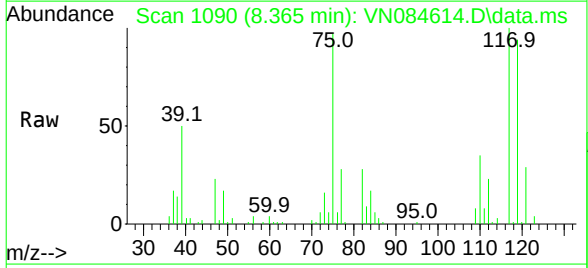
#29
1,1-Dichloropropene
Concen: 20.671 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 53609
Ion Ratio Lower Upper
75 100
110 34.7 0.0 69.4
77 31.0 0.0 62.0

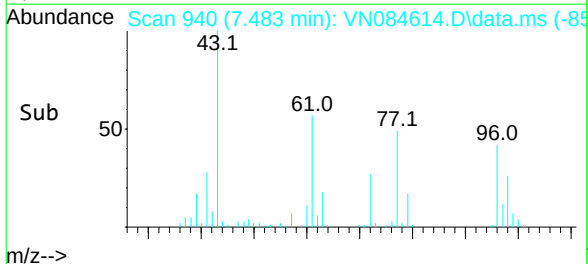
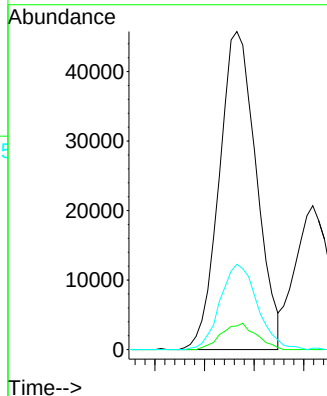
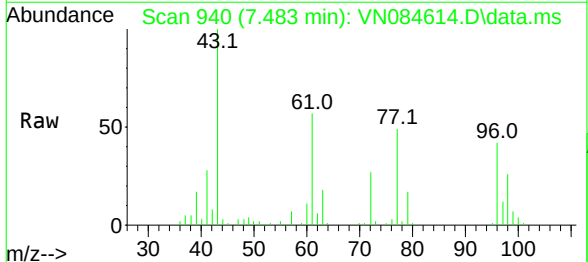
Manual Integrations
APPROVED

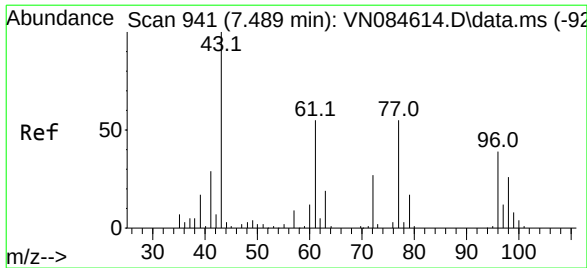
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#30
2-Butanone
Concen: 99.338 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 43 Resp: 118837
Ion Ratio Lower Upper
43 100
57 7.8 6.2 9.4
72 26.9 21.5 32.3





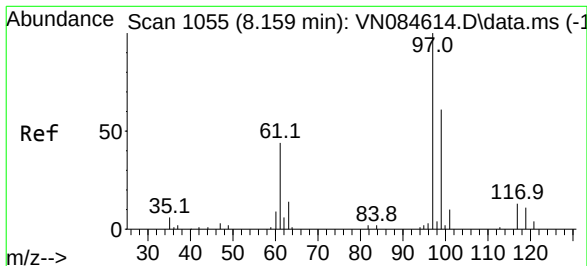
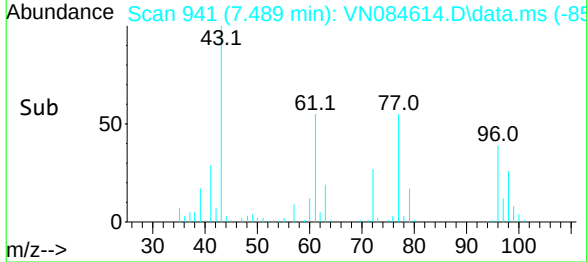
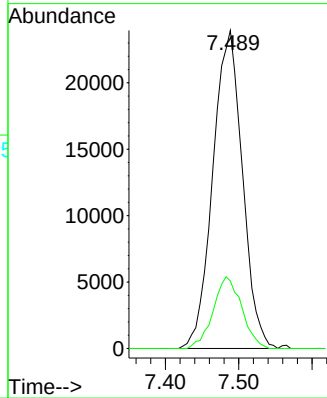
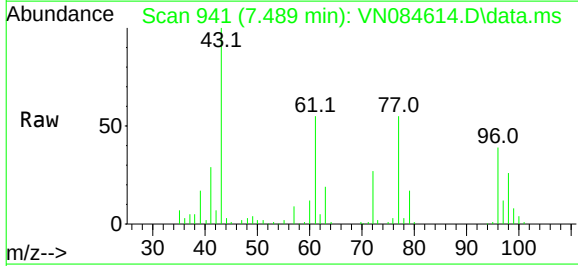
#31
2,2-Dichloropropane
Concen: 21.158 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 66980
Ion Ratio Lower Upper
77 100
97 21.8 17.4 26.2

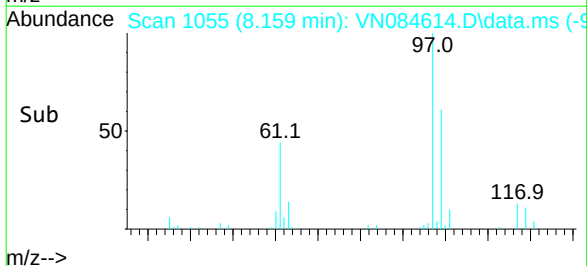
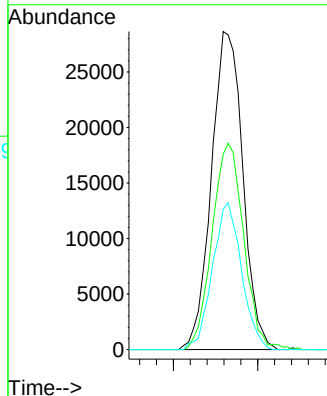
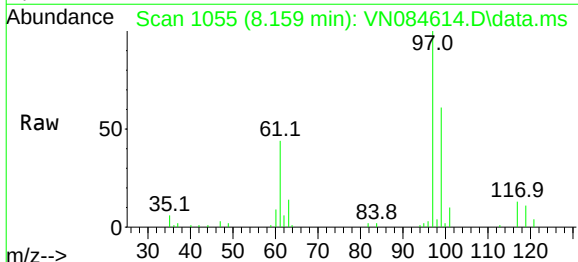
Manual Integrations
APPROVED

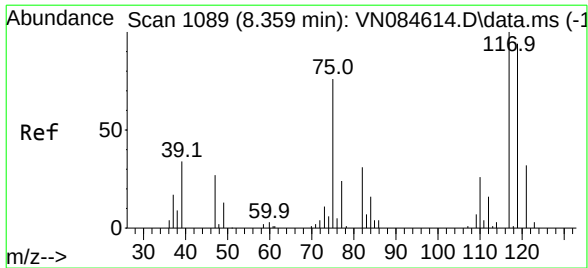
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#32
1,1,1-Trichloroethane
Concen: 21.027 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

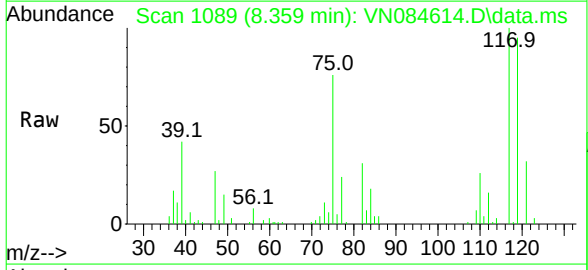
Tgt Ion: 97 Resp: 74085
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 42.8 34.2 51.4





#33
Carbon Tetrachloride
Concen: 20.465 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

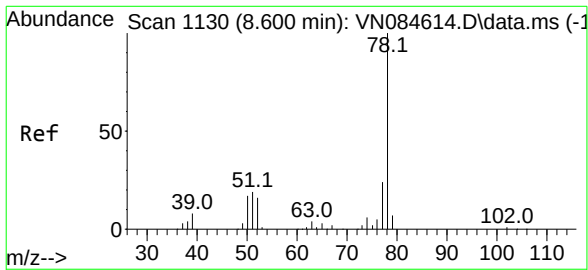
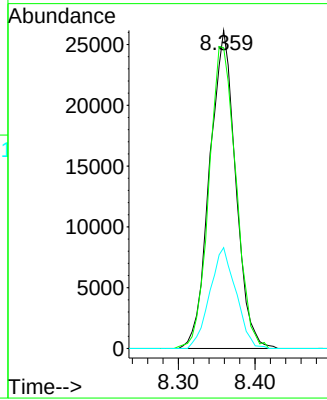
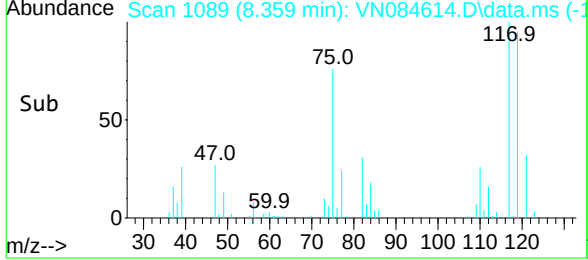
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



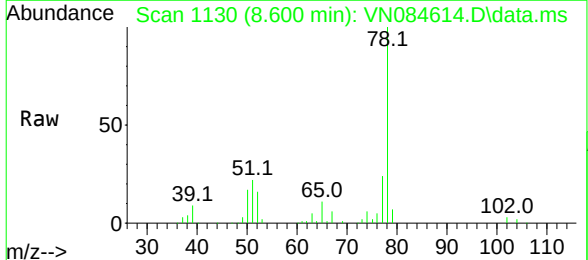
Tgt Ion:117 Resp: 61528
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5
121 31.7 25.4 38.0

Manual Integrations
APPROVED

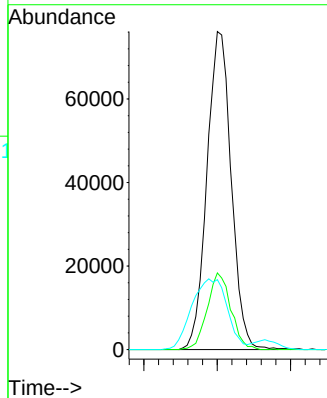
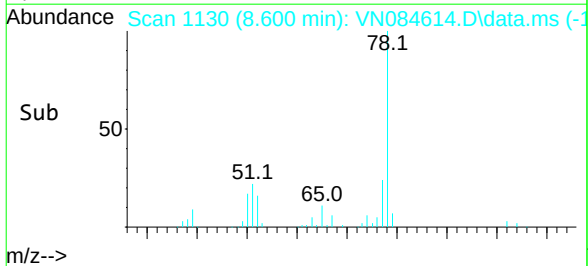
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024

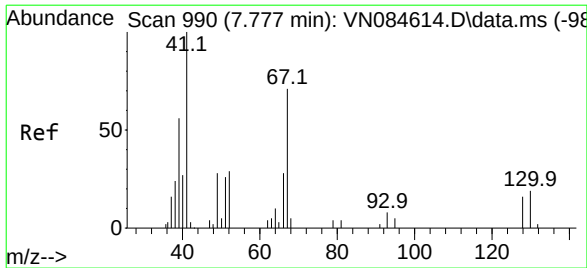


#34
Benzene
Concen: 20.421 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32



Tgt Ion: 78 Resp: 175051
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9
51 20.1 16.1 24.1





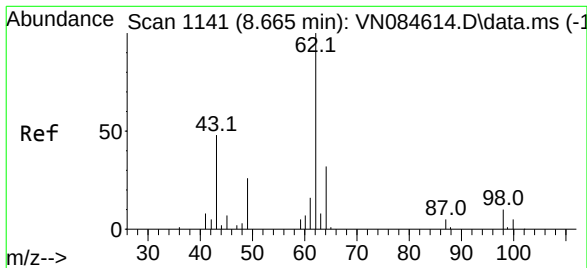
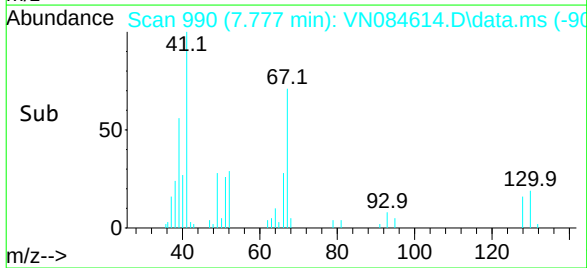
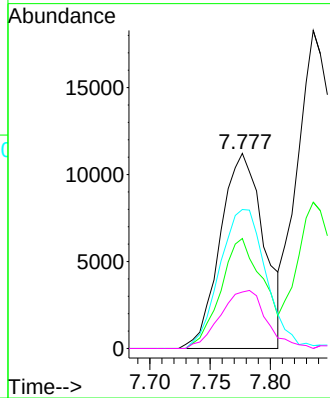
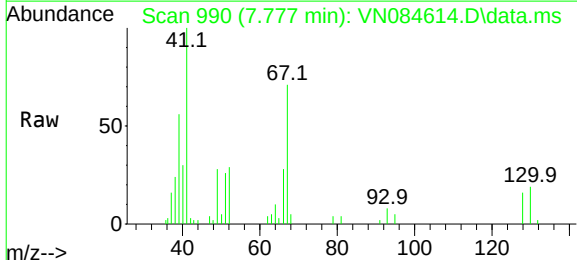
#35
Methacrylonitrile
Concen: 19.906 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	41	Resp:	28223
Ion	Ratio	Lower	Upper
41	100		
39	56.4	28.2	84.6
67	71.2	35.6	106.8
52	28.9	14.4	43.4

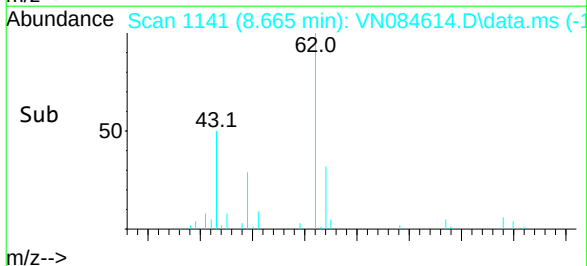
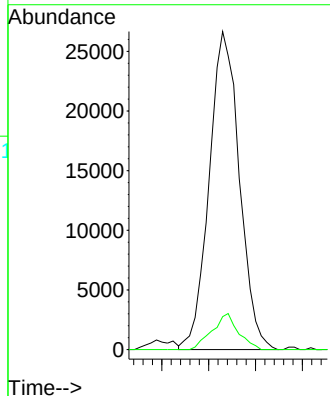
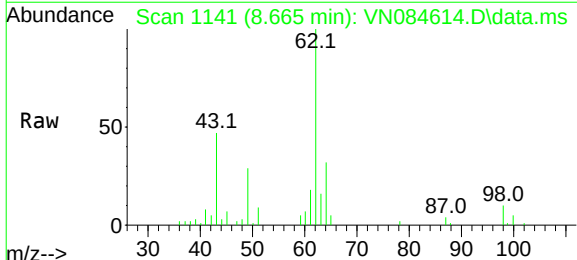
Manual Integrations
APPROVED

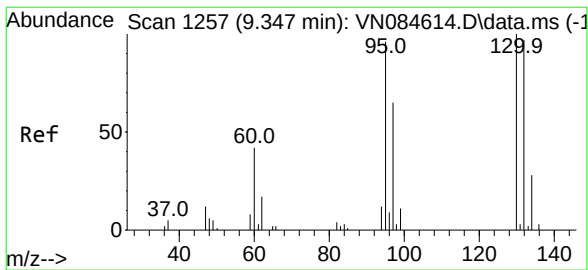
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#36
1,2-Dichloroethane
Concen: 20.981 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

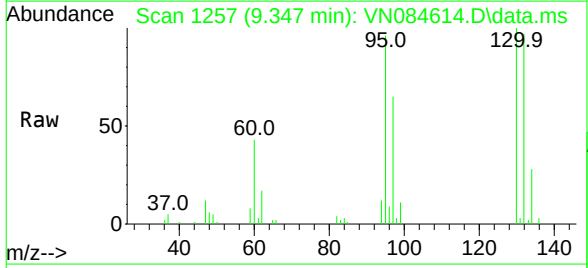
Tgt Ion:	62	Resp:	59810
Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.8	11.6





#37
Trichloroethene
Concen: 20.754 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

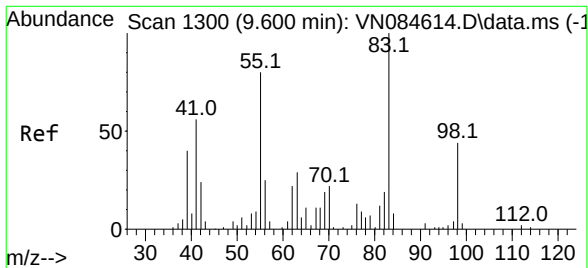
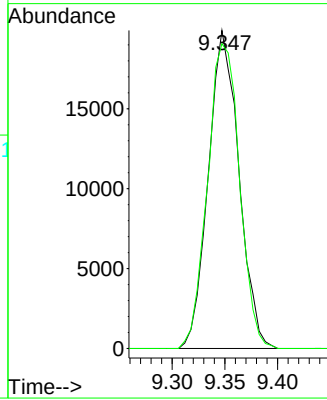
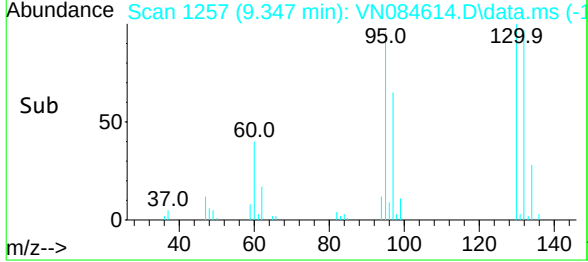
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:130 Resp: 40135
Ion Ratio Lower Upper
130 100
95 95.8 76.6 115.0

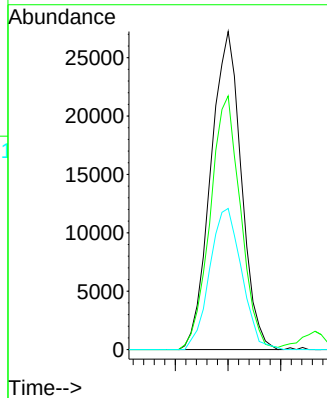
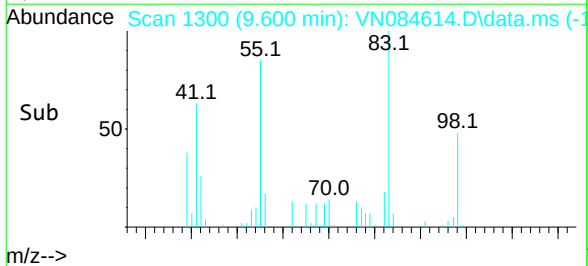
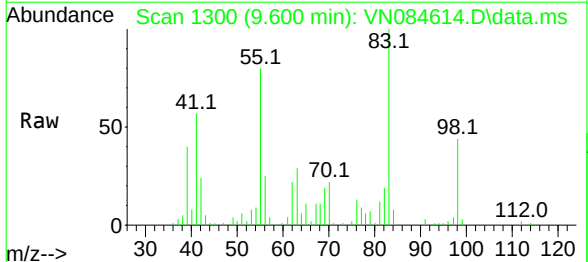
Manual Integrations
APPROVED

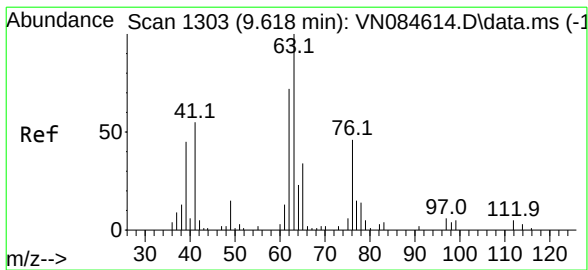
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#38
Methylcyclohexane
Concen: 19.697 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 83 Resp: 54992
Ion Ratio Lower Upper
83 100
55 79.2 39.6 118.8
98 46.3 23.2 69.5





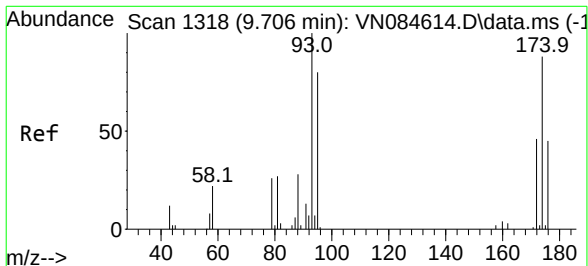
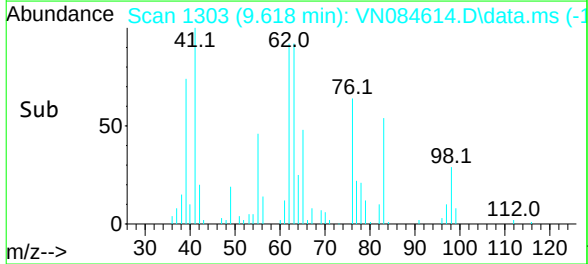
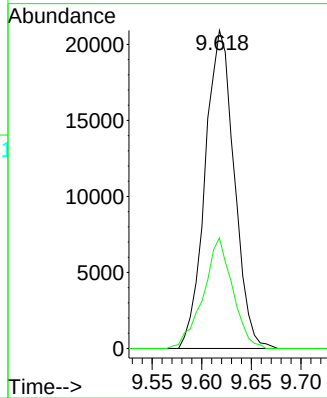
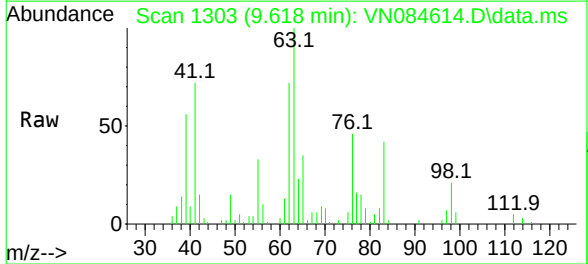
#39
1,2-Dichloropropane
Concen: 20.684 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 42682
Ion Ratio Lower Upper
63 100
65 34.8 27.8 41.8

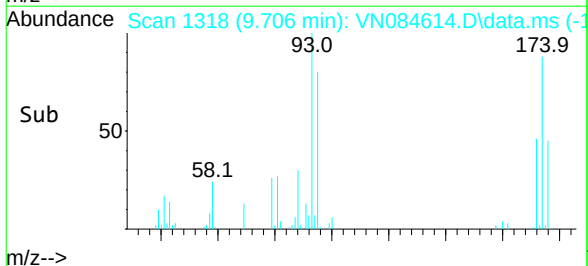
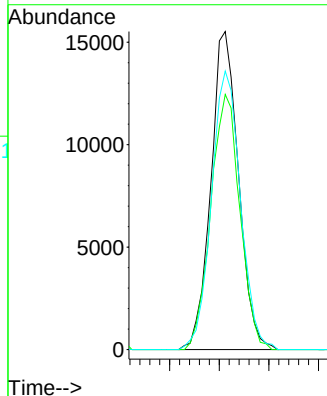
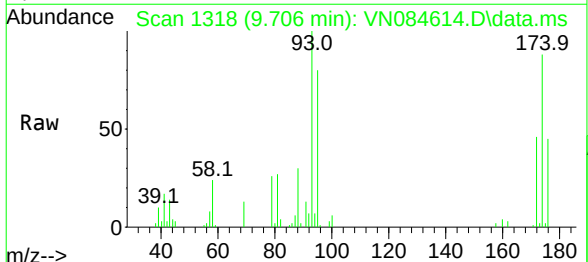
Manual Integrations
APPROVED

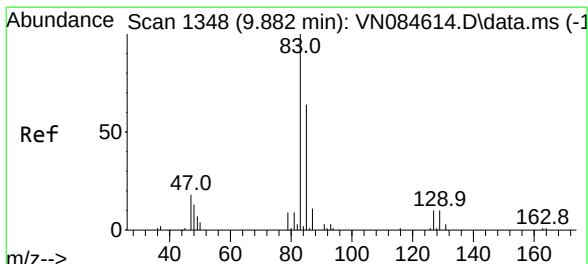
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#40
Dibromomethane
Concen: 20.833 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 93 Resp: 30074
Ion Ratio Lower Upper
93 100
95 84.2 0.0 168.4
174 91.7 0.0 183.4





#41
 Bromodichloromethane
 Concen: 20.287 ug/l
 RT: 9.882 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VN084614.D
 Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

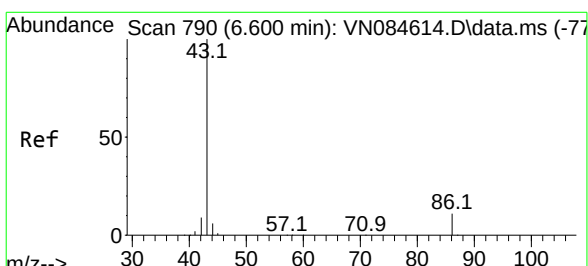
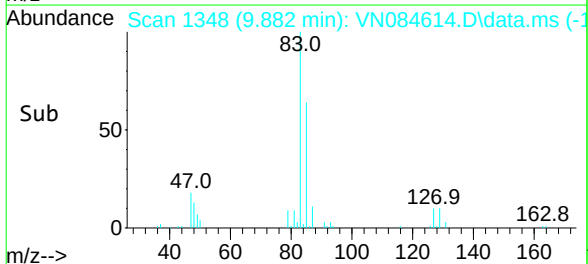
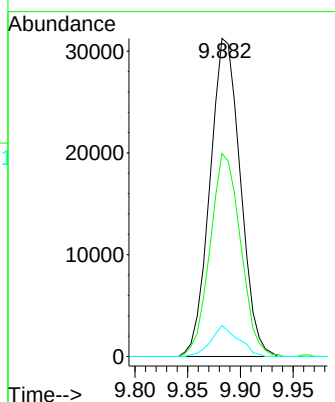
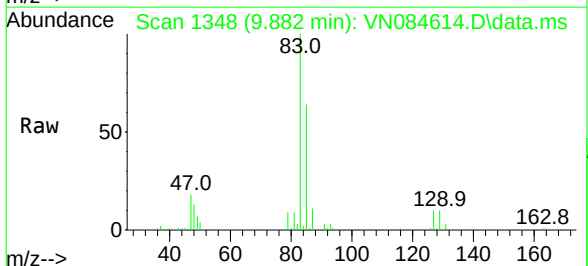
ClientSampleId :

VSTDICCC020

Tgt Ion:	83	Resp:	62781
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.0	76.6
127	9.7	7.8	11.6

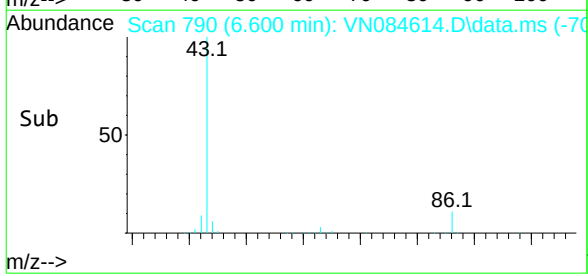
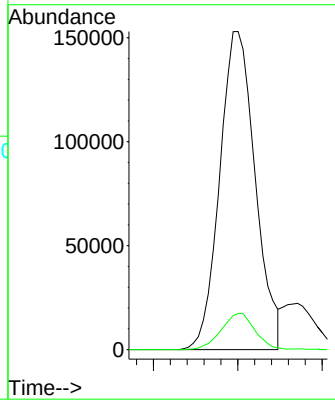
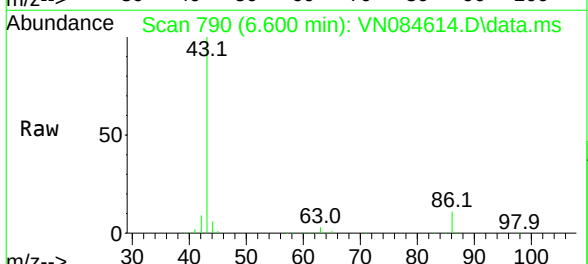
Manual Integrations
 APPROVED

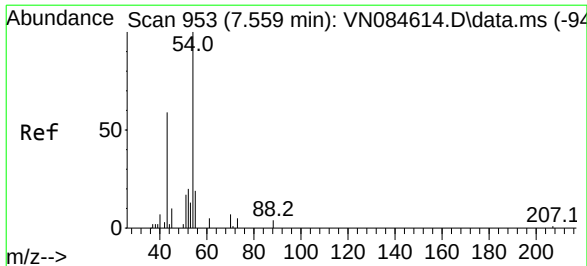
Reviewed By :Semsettin Yesilyurt 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024



#42
 Vinyl Acetate
 Concen: 100.337 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084614.D
 Acq: 31 Oct 2024 12:32

Tgt Ion:	43	Resp:	448664
Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.6	13.0





#43

Ethyl Acetate

Concen: 19.343 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 49217

Ion Ratio Lower Upper

43 100

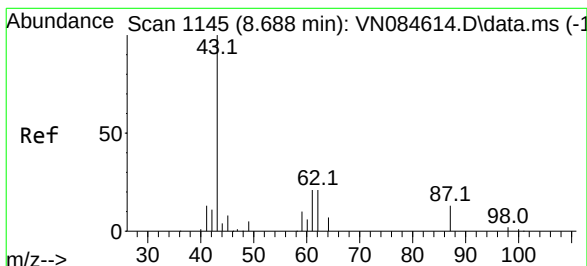
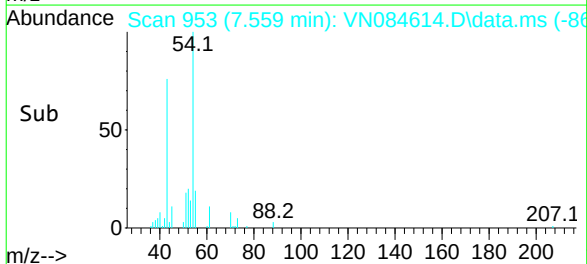
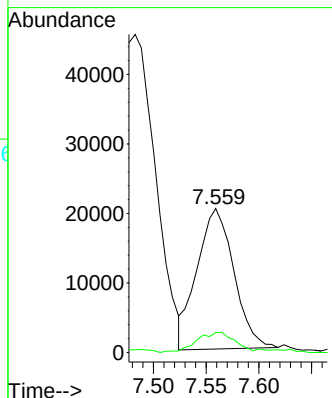
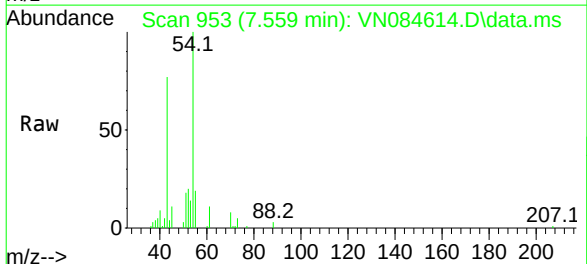
45 14.6 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024

Supervised By :Mahesh Dadoda 11/04/2024



#44

Isopropyl Acetate

Concen: 19.030 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084614.D

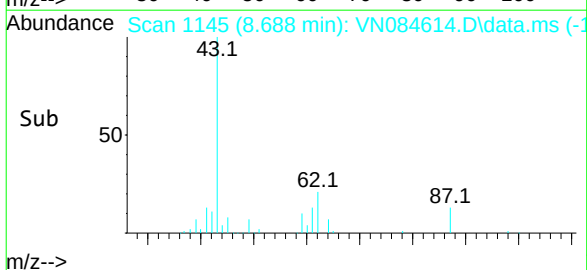
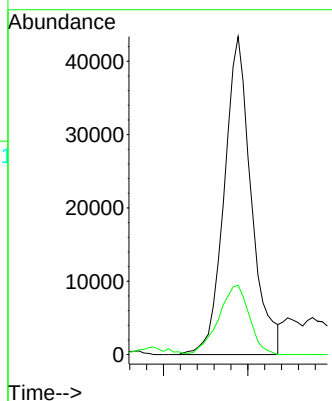
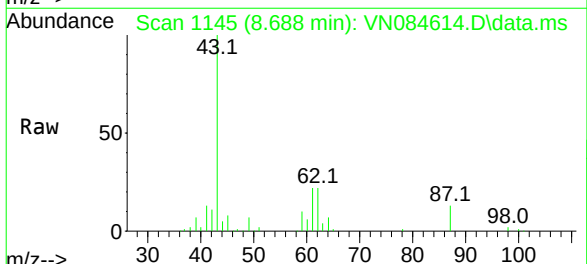
Acq: 31 Oct 2024 12:32

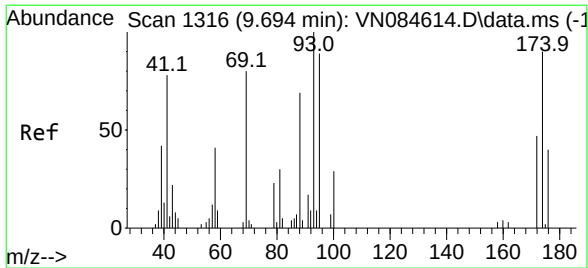
Tgt Ion: 43 Resp: 96864

Ion Ratio Lower Upper

43 100

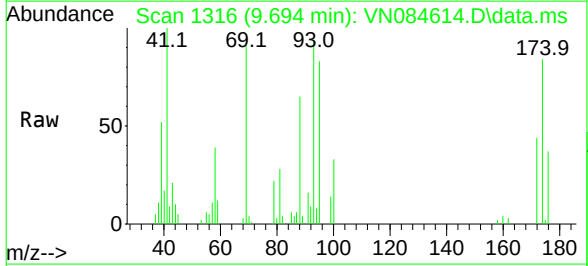
61 24.8 19.8 29.8





#45
1,4-Dioxane
Concen: 402.979 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

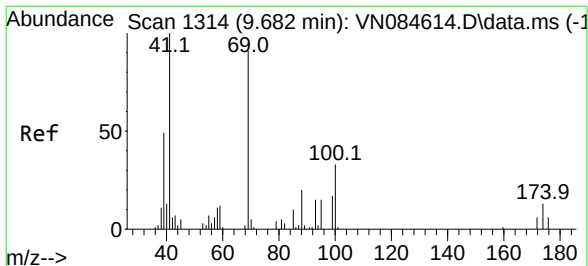
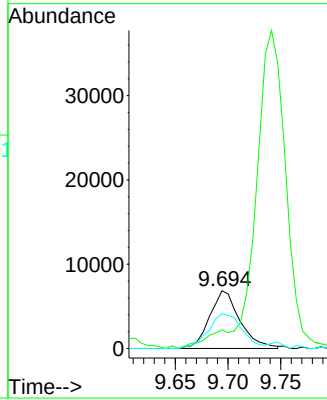
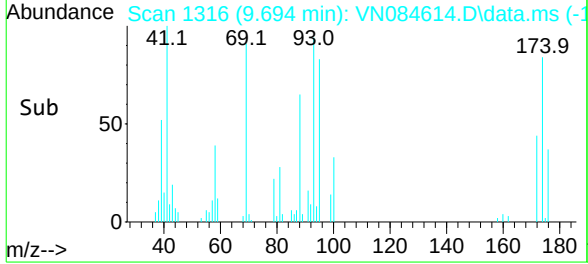
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



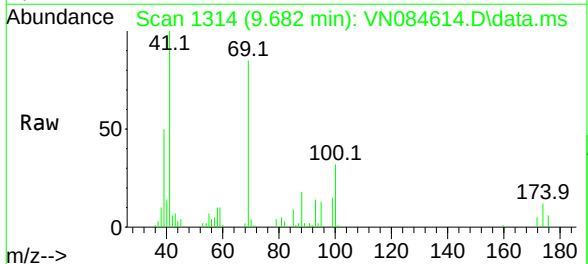
Tgt Ion: 88 Resp: 13694
Ion Ratio Lower Upper
88 100
43 26.0 20.8 31.2
58 66.8 53.4 80.2

Manual Integrations
APPROVED

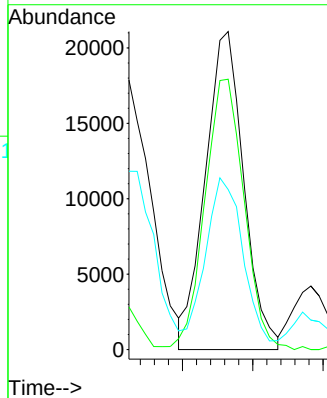
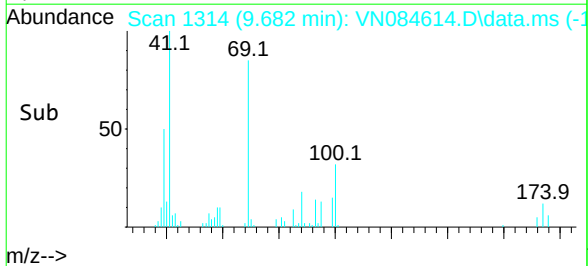
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024

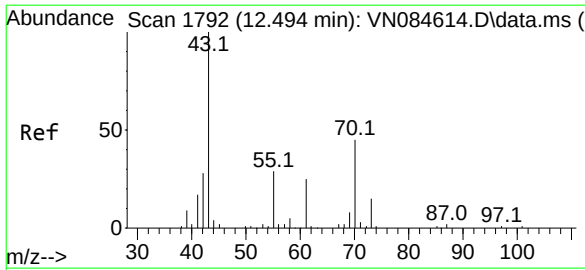


#46
Methyl methacrylate
Concen: 19.568 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32



Tgt Ion: 41 Resp: 40026
Ion Ratio Lower Upper
41 100
69 86.8 43.4 130.2
39 49.4 24.7 74.1





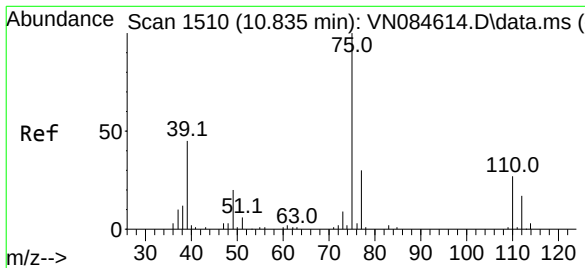
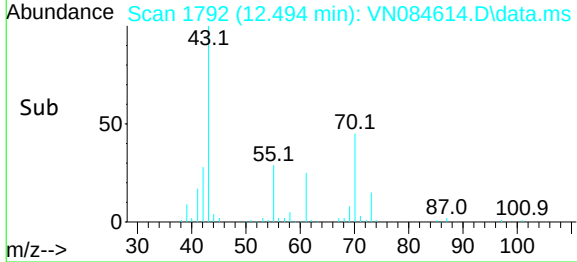
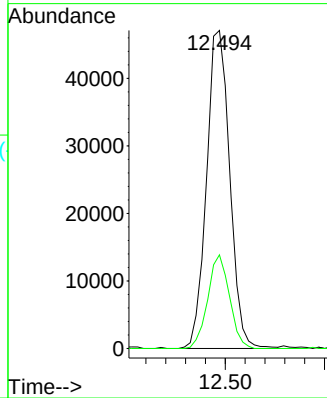
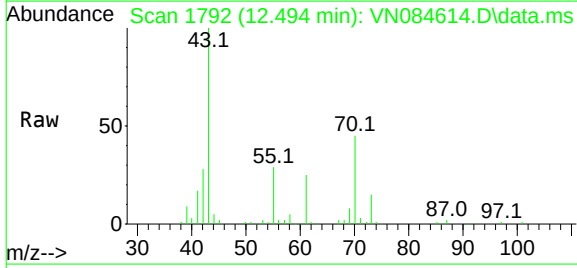
#47
n-amy1 Acetate
Concen: 20.151 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 76604
Ion Ratio Lower Upper
43 100
55 27.5 22.0 33.0

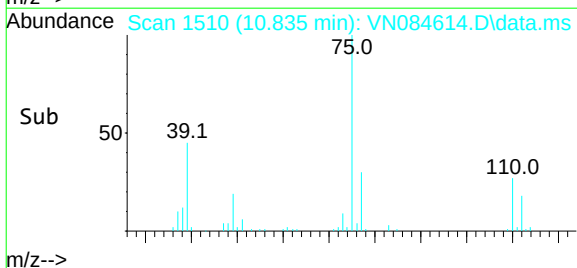
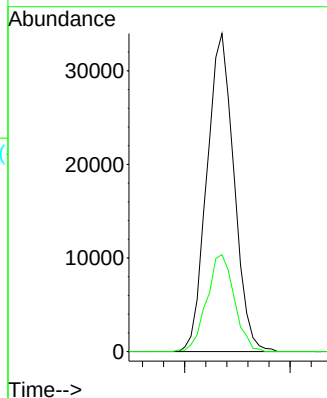
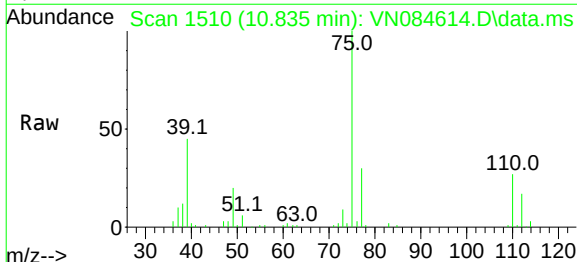
Manual Integrations
APPROVED

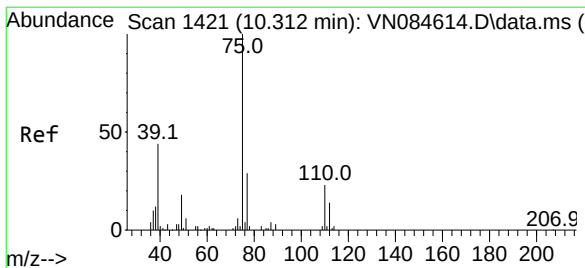
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#48
t-1,3-Dichloropropene
Concen: 19.868 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 75 Resp: 60713
Ion Ratio Lower Upper
75 100
77 30.5 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 20.312 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

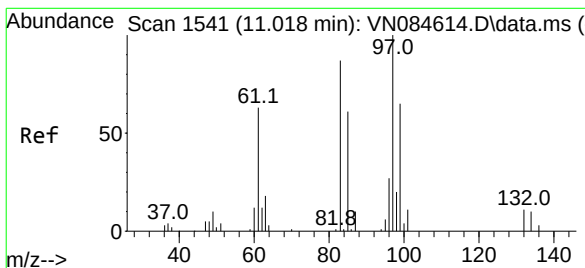
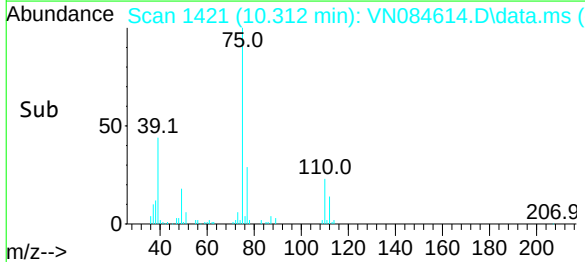
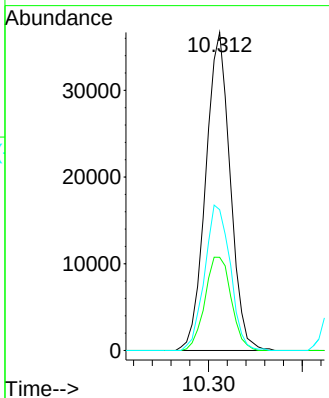
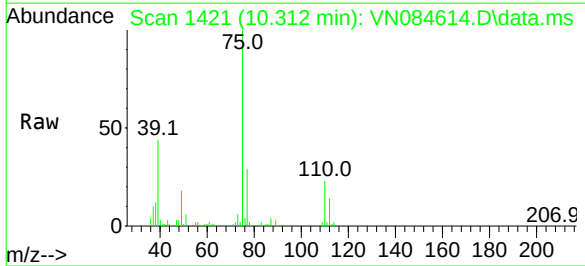
ClientSampleId :

VSTDICCC020

Tgt Ion: 75	Resp: 66524
Ion Ratio	Lower Upper
75 100	
77 29.3	23.4 35.2
39 44.3	35.4 53.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#50

1,1,2-Trichloroethane

Concen: 20.921 ug/l

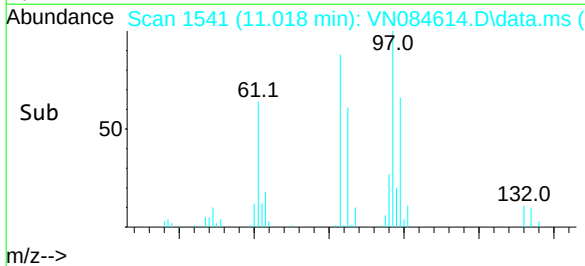
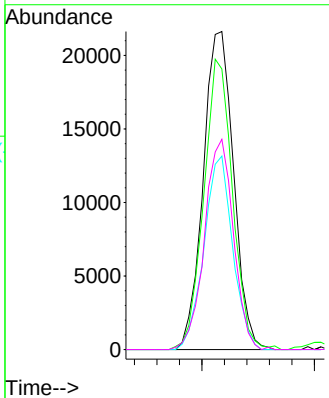
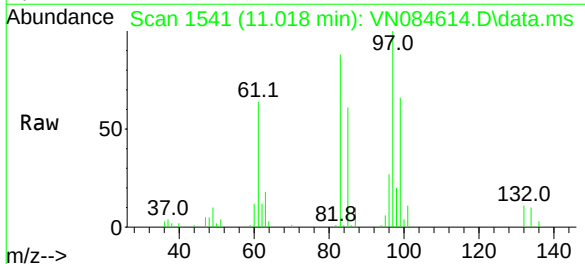
RT: 11.018 min Scan# 1541

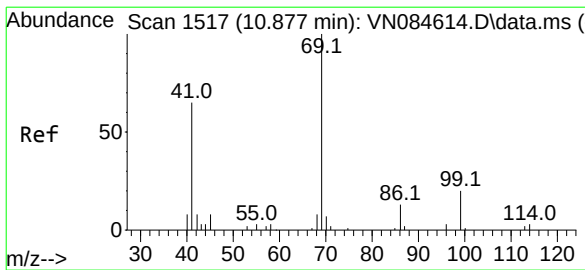
Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

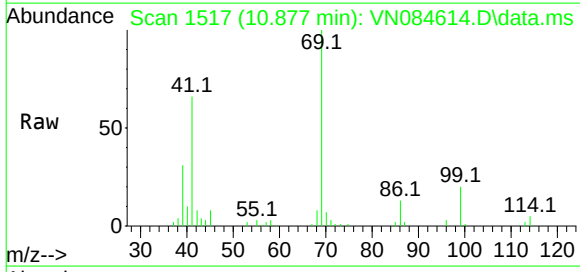
Tgt Ion: 97	Resp: 40510
Ion Ratio	Lower Upper
97 100	
83 87.3	69.8 104.8
85 60.8	48.6 73.0
99 66.1	52.9 79.3





#51
Ethyl methacrylate
Concen: 19.339 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

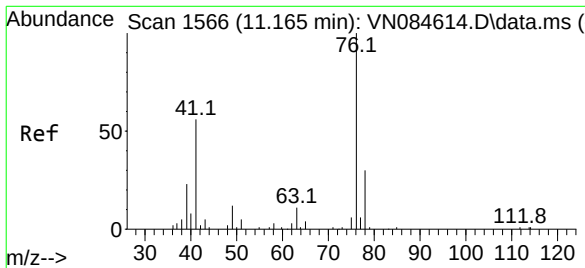
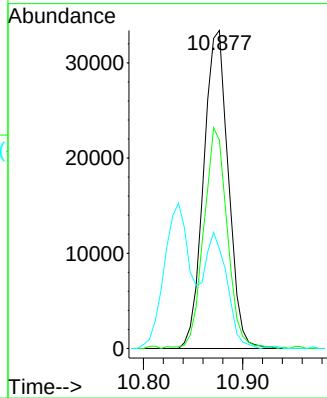
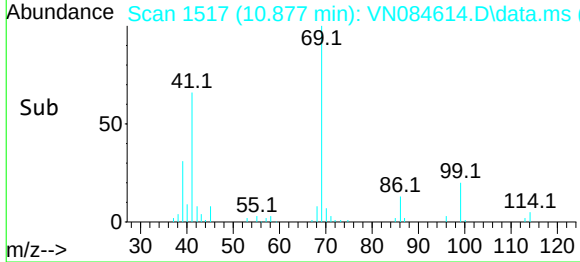
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



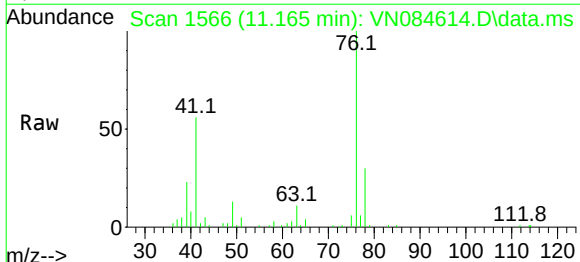
Tgt Ion: 69 Resp: 57722
Ion Ratio Lower Upper
69 100
41 65.5 32.8 98.3
39 30.7 15.4 46.1

Manual Integrations
APPROVED

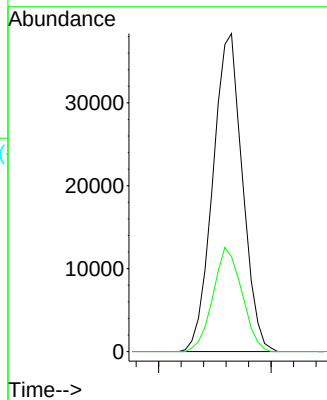
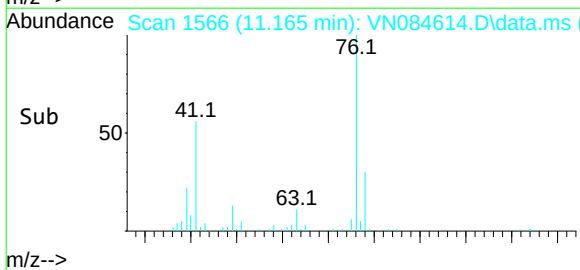
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024

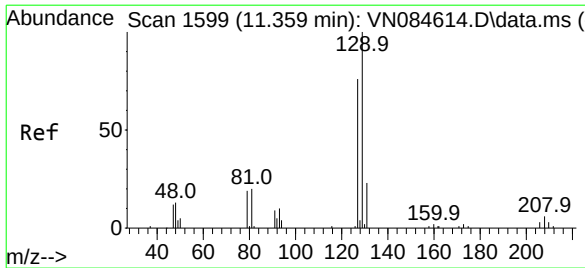


#52
1,3-Dichloropropane
Concen: 20.827 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32



Tgt Ion: 76 Resp: 70002
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.0





#53

Dibromochloromethane

Concen: 20.276 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:129 Resp: 45946

Ion Ratio Lower Upper

129 100

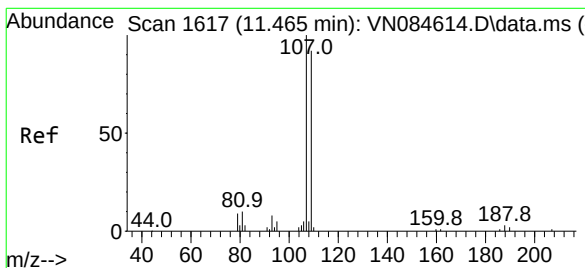
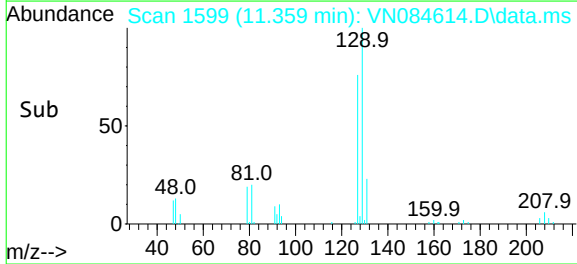
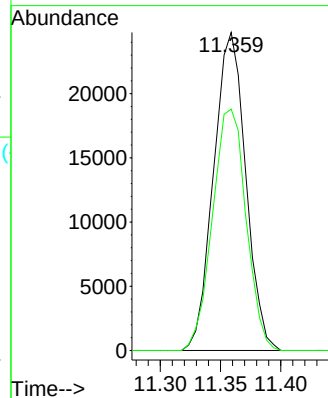
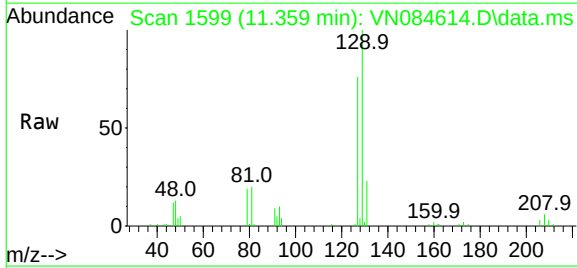
127 79.3 39.6 119.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024

Supervised By :Mahesh Dadoda 11/04/2024



#54

1,2-Dibromoethane

Concen: 20.920 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN084614.D

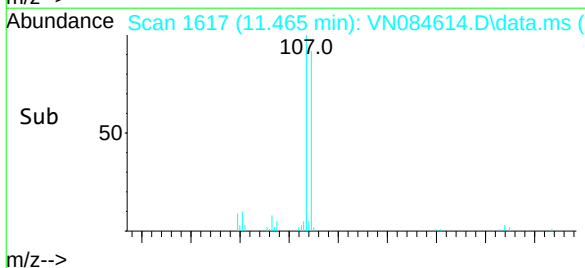
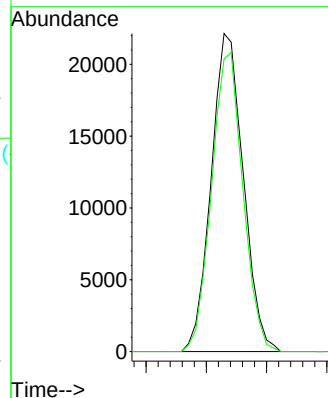
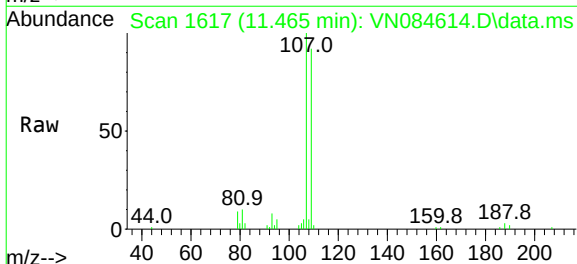
Acq: 31 Oct 2024 12:32

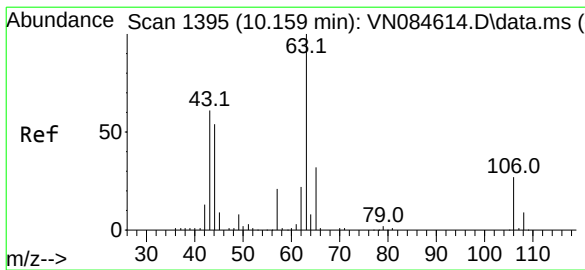
Tgt Ion:107 Resp: 40970

Ion Ratio Lower Upper

107 100

109 91.7 73.4 110.0





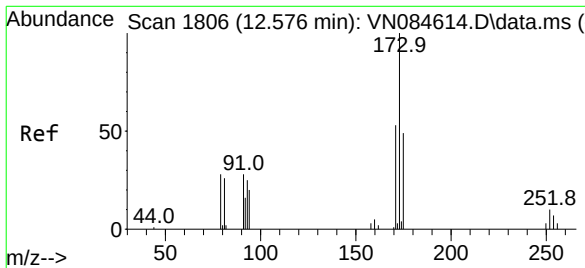
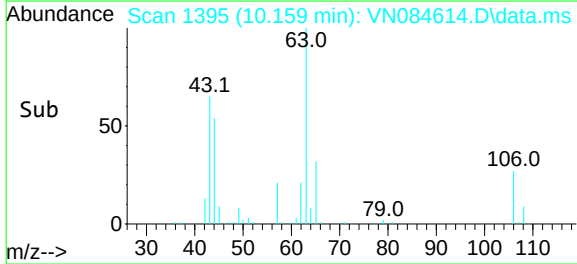
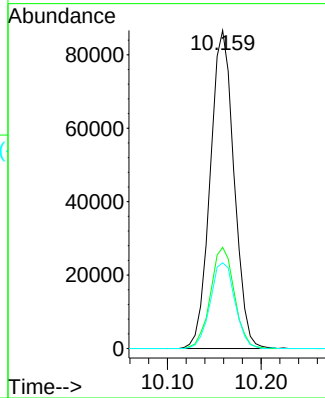
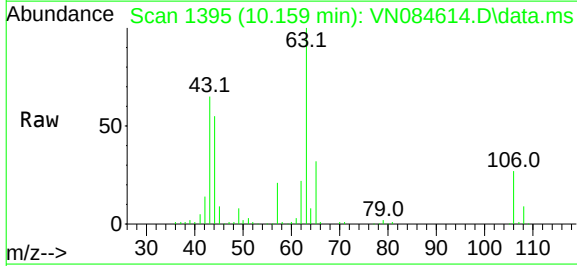
#55
2-Chloroethyl vinyl ether
Concen: 104.401 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	63	Resp:	152772
Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3
106	27.9	22.3	33.5

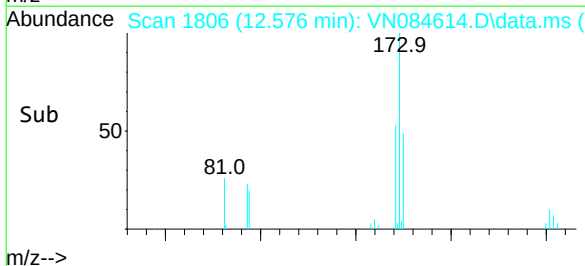
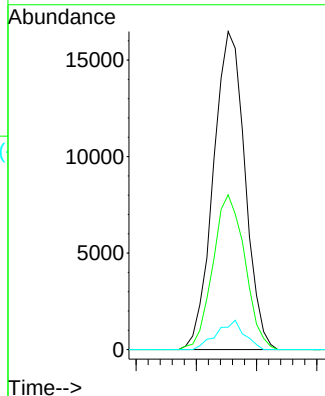
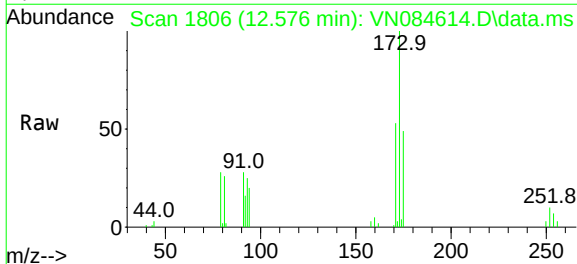
Manual Integrations
APPROVED

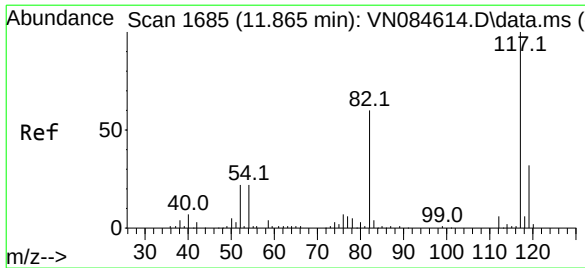
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#56
Bromoform
Concen: 19.820 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:	173	Resp:	30104
Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.4	59.2
254	8.0	6.4	9.6





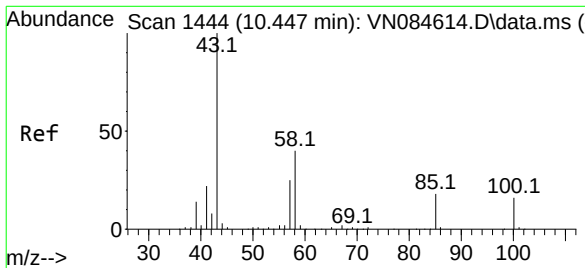
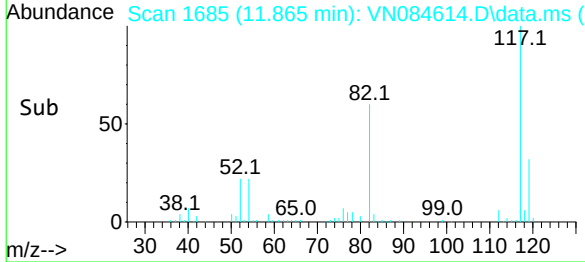
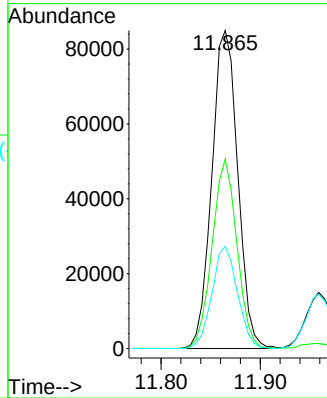
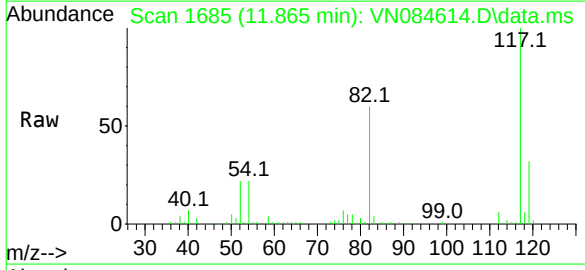
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	117	Resp:	154107
Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.5	68.3
119	31.6	25.3	37.9

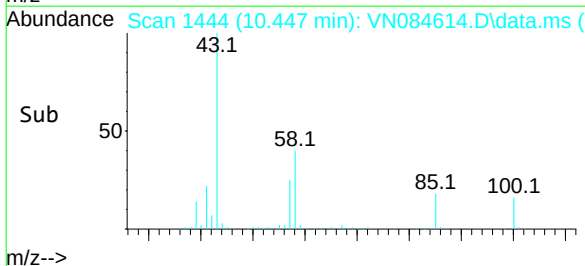
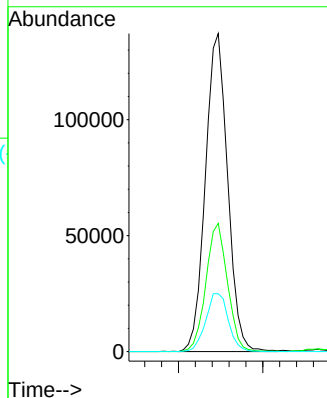
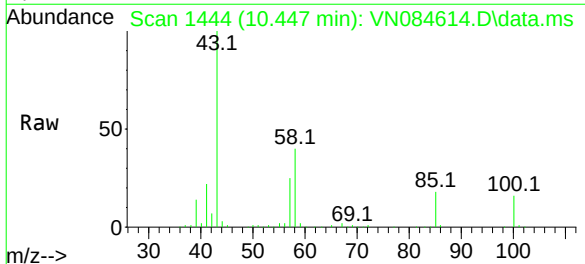
Manual Integrations
APPROVED

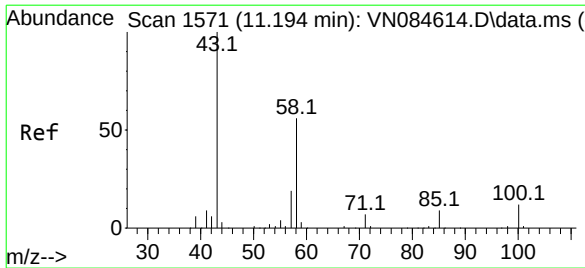
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#58
4-Methyl-2-Pentanone
Concen: 103.446 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:	43	Resp:	251499
Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.2	46.8
85	18.6	14.9	22.3





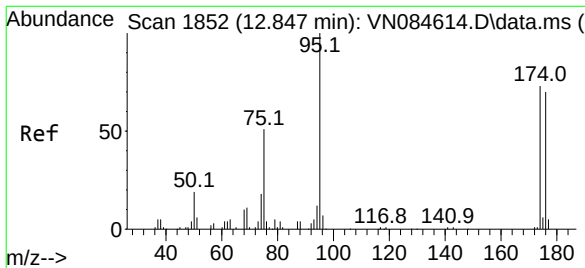
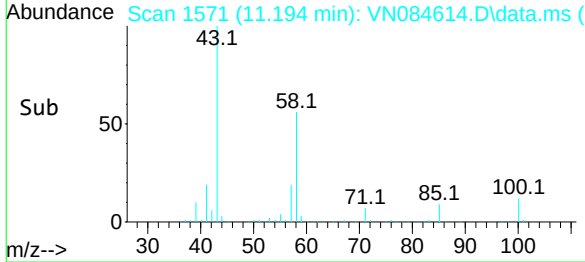
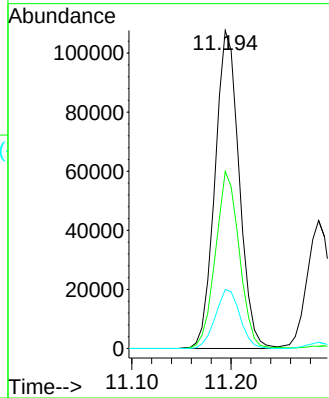
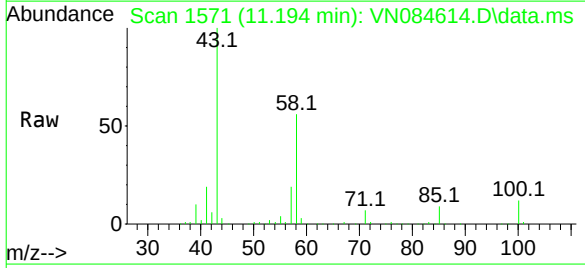
#59
2-Hexanone
Concen: 102.300 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	43	Resp:	182123
Ion	Ratio	Lower	Upper
43	100		
58	54.7	43.8	65.6
57	18.8	15.0	22.6

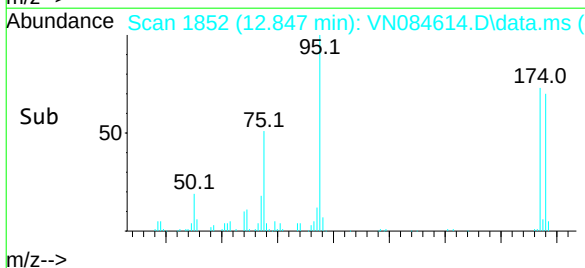
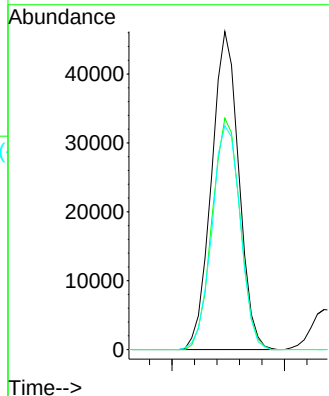
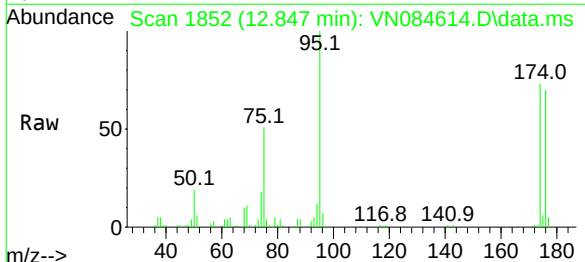
Manual Integrations
APPROVED

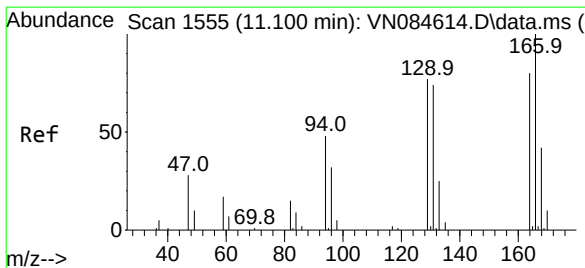
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#60
4-Bromofluorobenzene
Concen: 29.364 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:	95	Resp:	77916
Ion	Ratio	Lower	Upper
95	100		
174	74.5	59.6	89.4
176	73.3	58.6	88.0





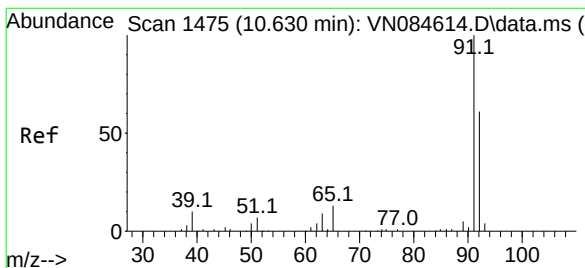
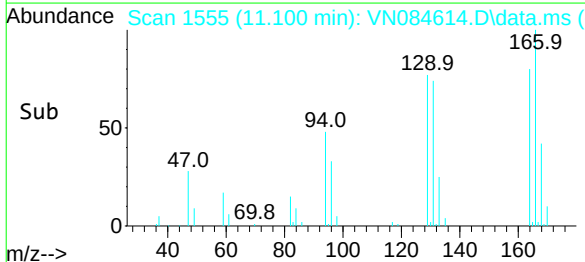
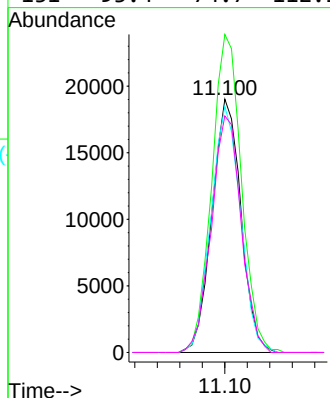
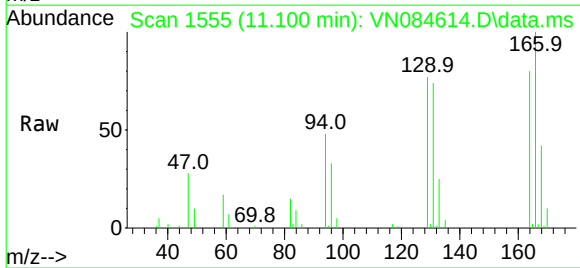
#61
Tetrachloroethene
Concen: 21.071 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	164	Resp:	33984
Ion	Ratio	Lower	Upper
164	100		
166	125.6	100.5	150.7
129	97.1	77.7	116.5
131	93.4	74.7	112.1

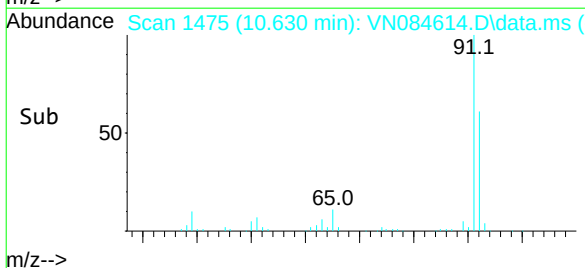
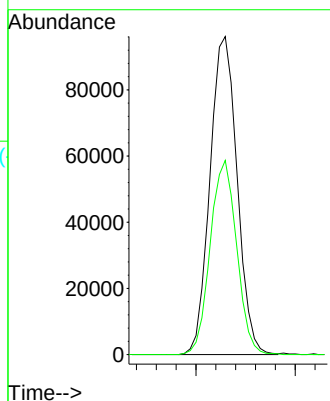
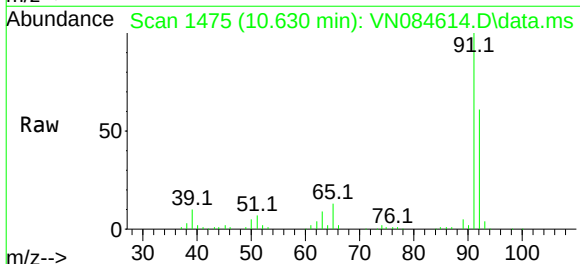
Manual Integrations
APPROVED

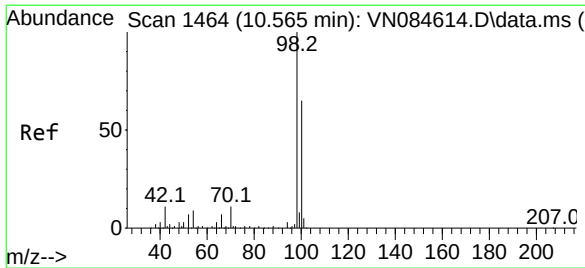
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#62
Toluene
Concen: 20.845 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:	91	Resp:	182960
Ion	Ratio	Lower	Upper
91	100		
92	59.4	47.5	71.3





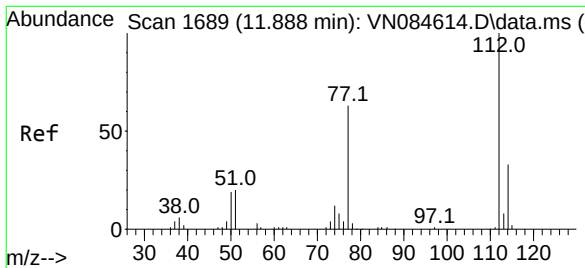
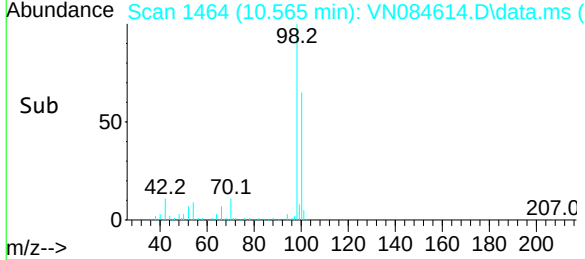
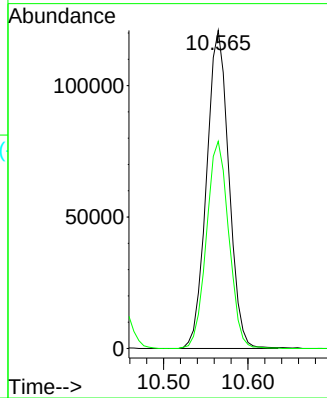
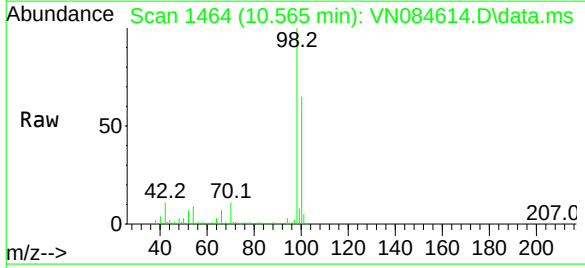
#63
Toluene-d8
Concen: 30.462 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 98 Resp: 222235
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2

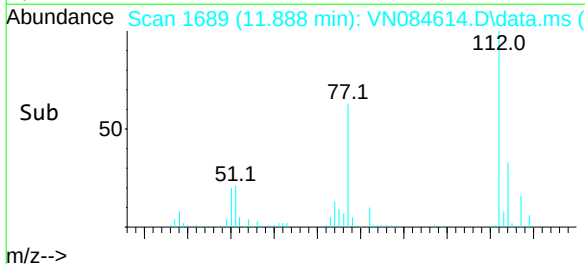
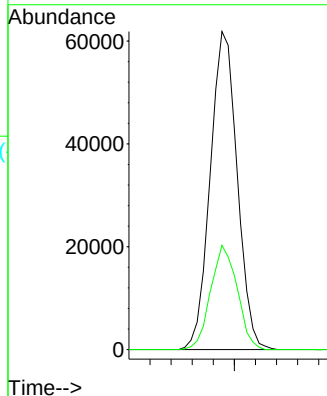
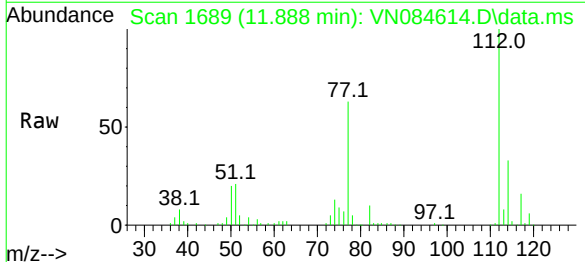
Manual Integrations
APPROVED

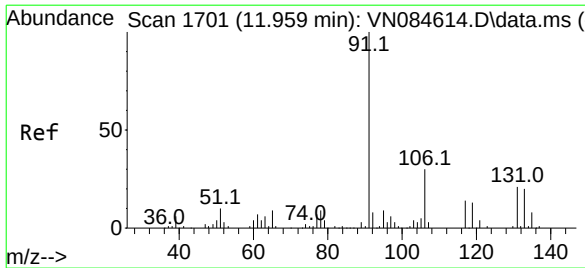
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#64
Chlorobenzene
Concen: 20.761 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:112 Resp: 110008
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4





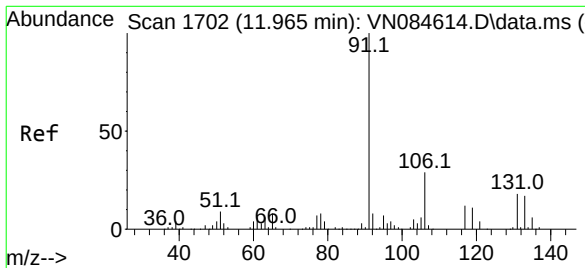
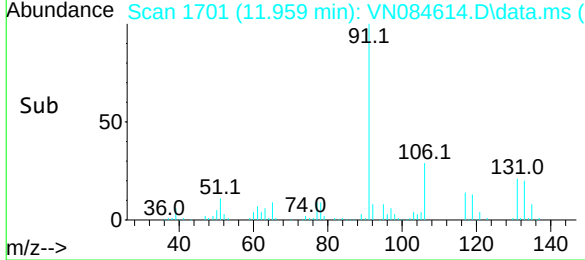
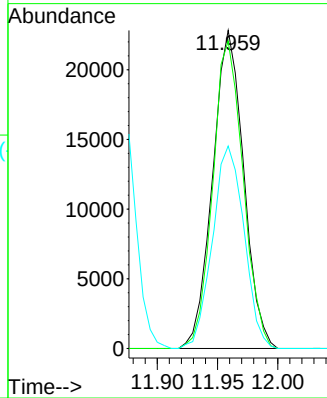
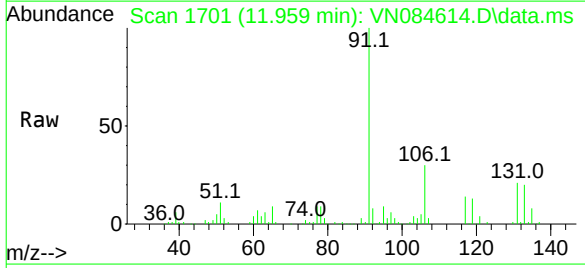
#65
1,1,1,2-Tetrachloroethane
Concen: 20.991 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 131 Resp: 40878
Ion Ratio Lower Upper
131 100
133 94.6 0.0 189.2
119 64.7 0.0 129.4

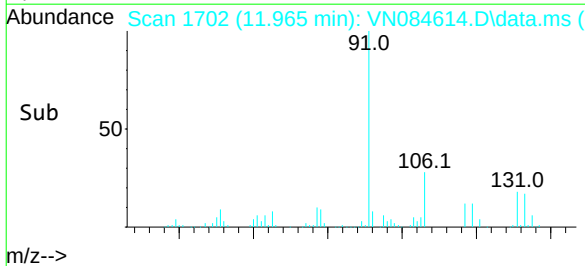
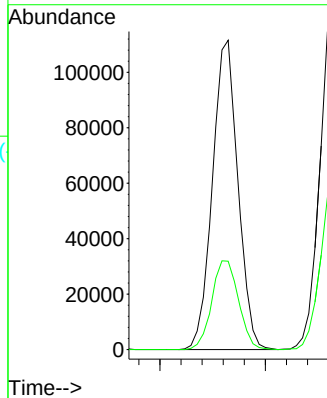
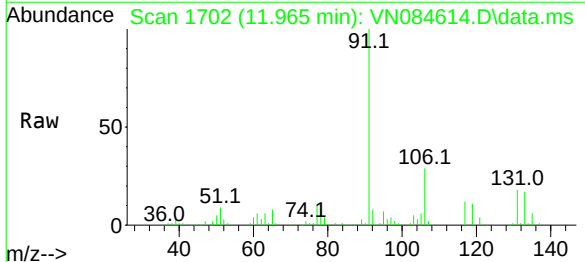
Manual Integrations
APPROVED

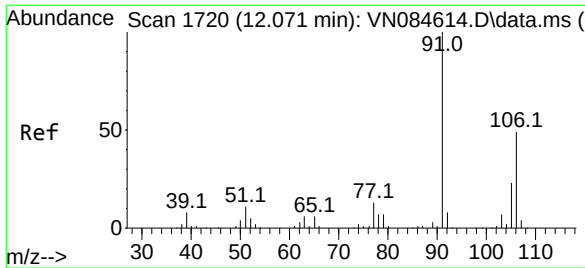
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#66
Ethyl Benzene
Concen: 20.313 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 91 Resp: 187374
Ion Ratio Lower Upper
91 100
106 28.6 22.9 34.3





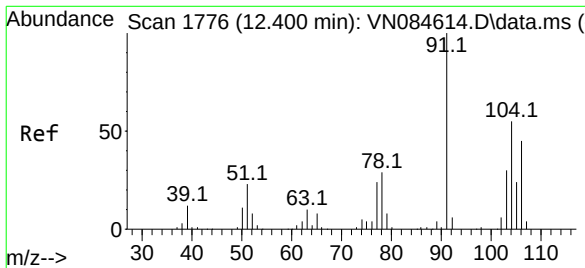
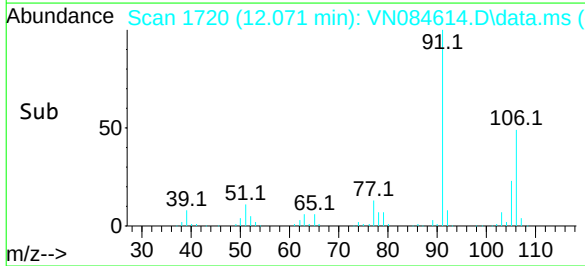
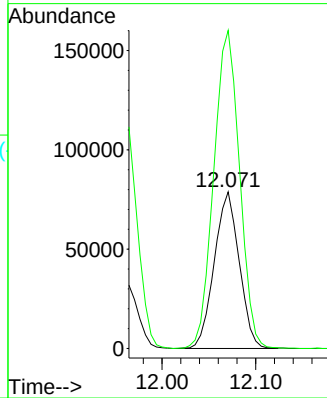
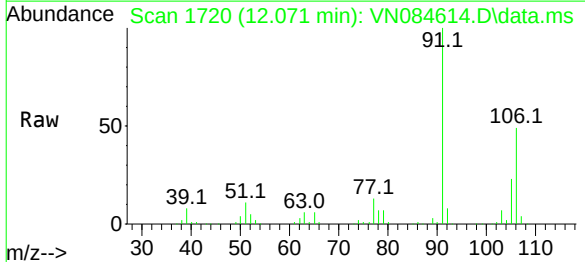
#67
m/p-Xylenes
Concen: 41.303 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 145866
Ion Ratio Lower Upper
106 100
91 210.1 168.1 252.1

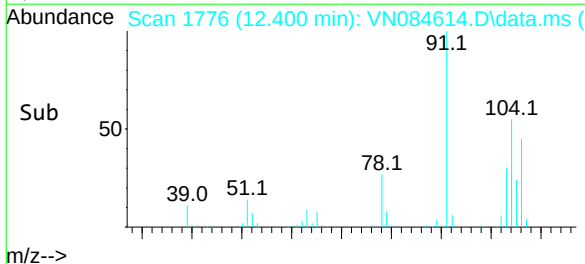
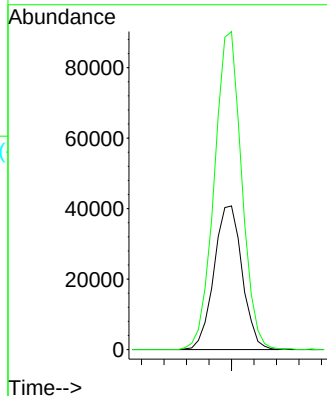
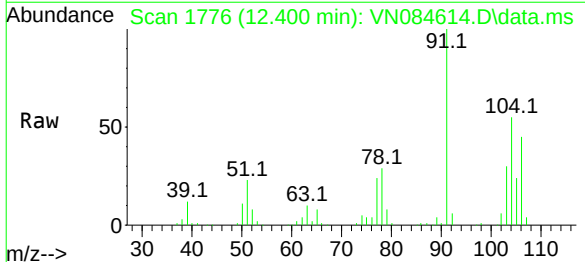
Manual Integrations
APPROVED

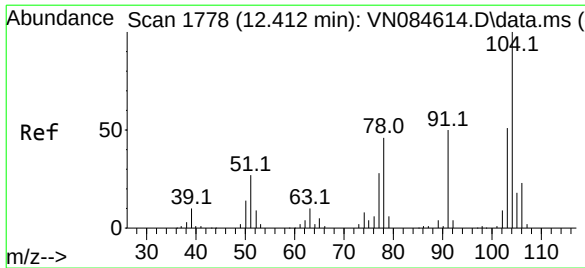
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#68
o-Xylene
Concen: 20.810 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:106 Resp: 70893
Ion Ratio Lower Upper
106 100
91 215.3 107.7 322.9





#69

Styrene

Concen: 20.424 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

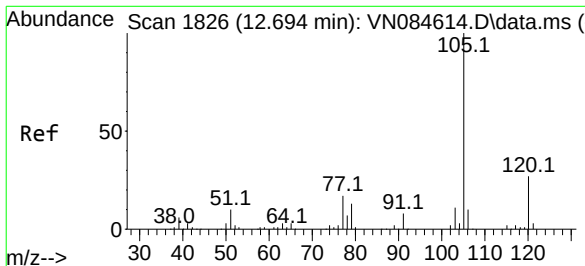
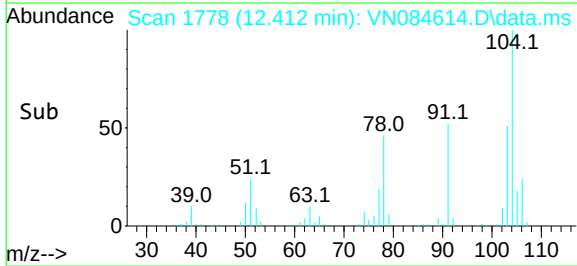
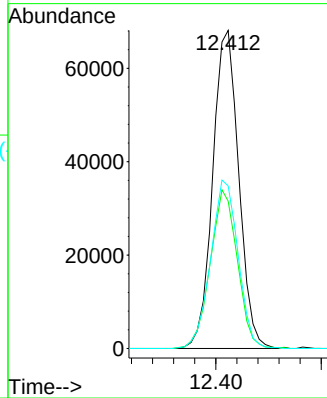
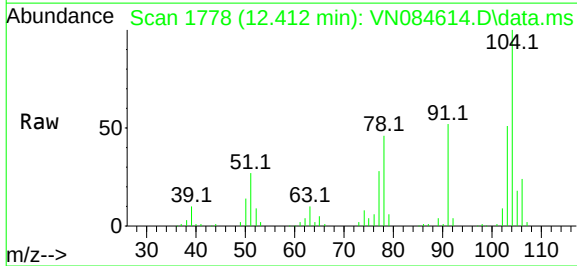
VSTDICCC020

Tgt Ion:	104	Resp:	116660
Ion	Ratio	Lower	Upper
104	100		
78	51.9	41.5	62.3
103	55.8	44.6	67.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#70

Isopropylbenzene

Concen: 20.286 ug/l

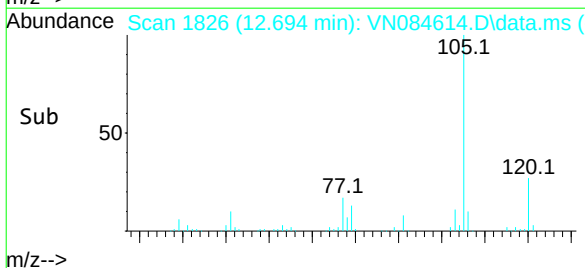
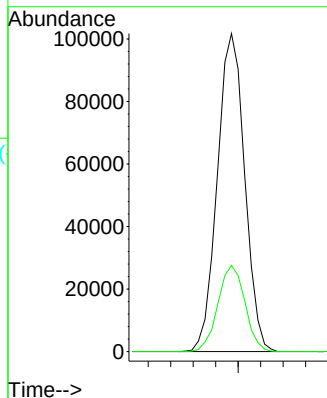
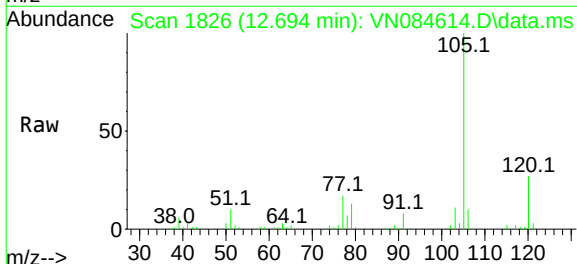
RT: 12.694 min Scan# 1826

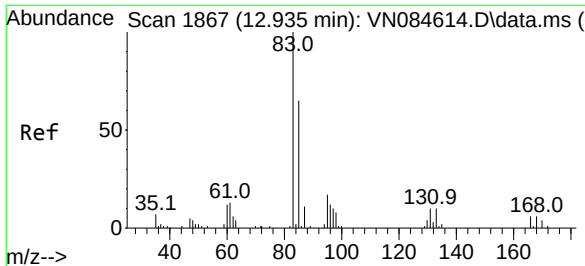
Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Tgt Ion:	105	Resp:	171676
Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 21.256 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

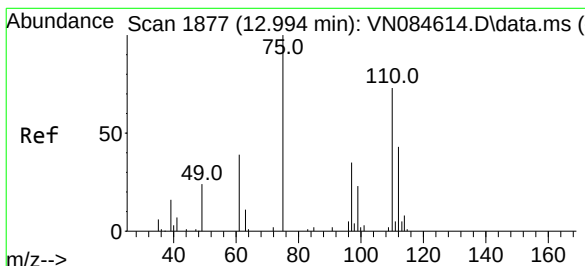
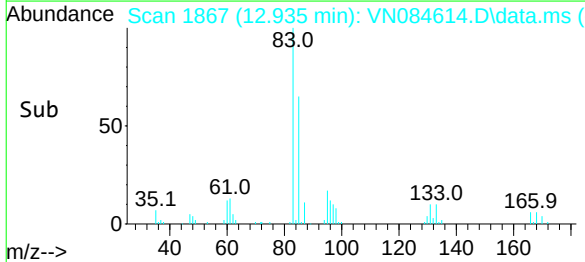
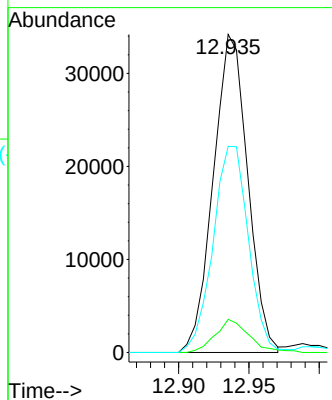
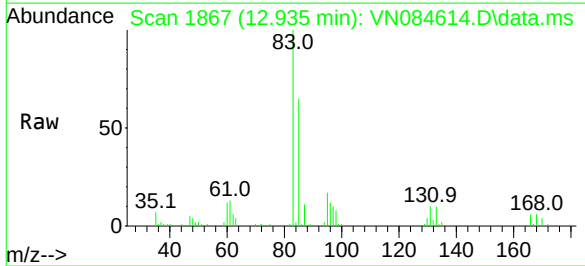
VSTDICCC020

Tgt Ion: 83	Resp: 58304
Ion Ratio	Lower Upper
83 100	
131 10.2	5.1 15.3
85 66.6	33.3 99.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#72

1,2,3-Trichloropropane

Concen: 20.681 ug/l m

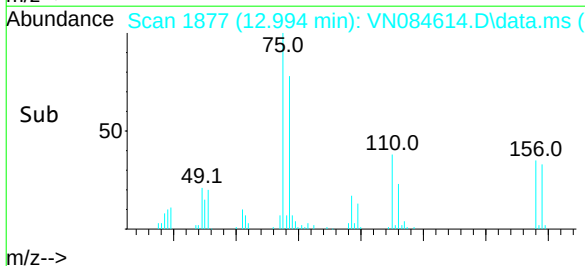
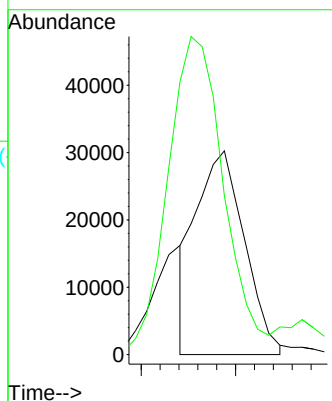
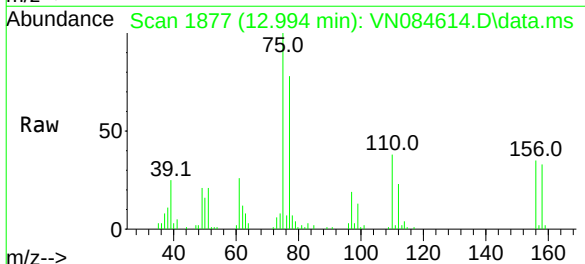
RT: 12.994 min Scan# 1877

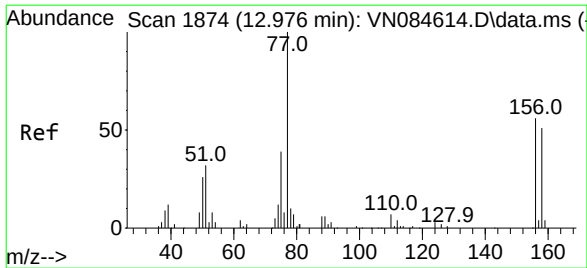
Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Tgt Ion: 75	Resp: 54117
Ion Ratio	Lower Upper
75 100	
77 179.2	0.0 358.4





#73

Bromobenzene

Concen: 20.784 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

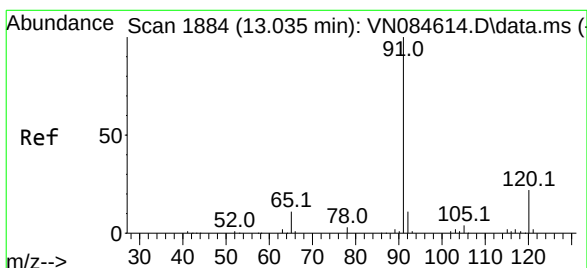
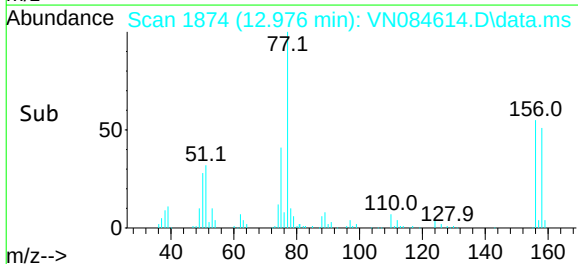
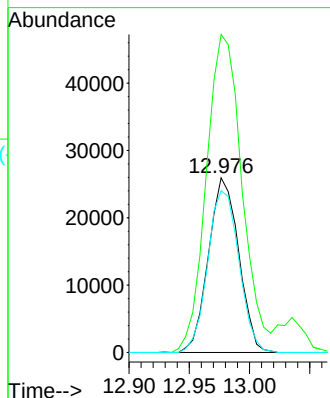
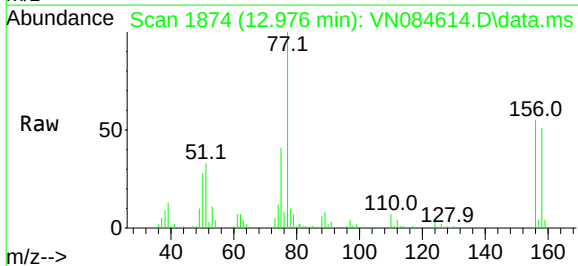
VSTDICCC020

Tgt Ion:	156	Resp:	45364
Ion Ratio	Lower	Upper	
156	100		
77	213.8	0.0	427.6
158	95.8	0.0	191.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#74

n-propylbenzene

Concen: 20.280 ug/l

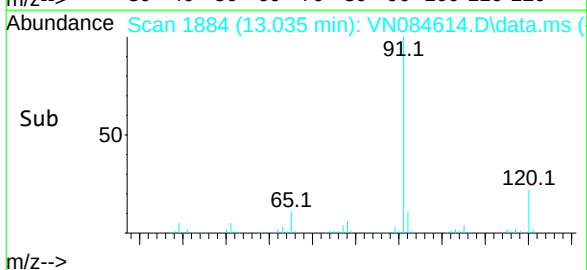
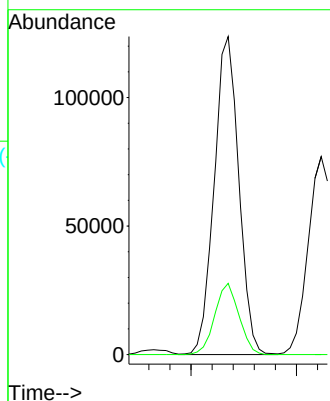
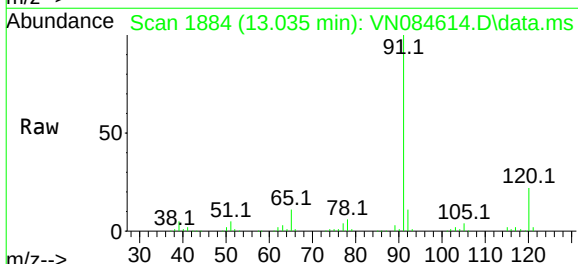
RT: 13.035 min Scan# 1884

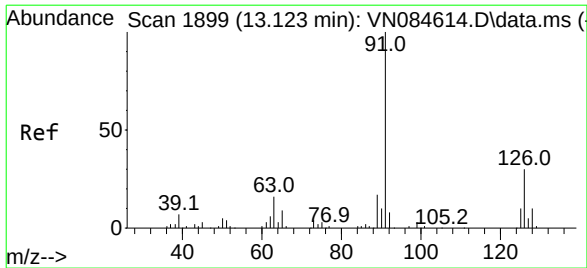
Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Tgt Ion:	91	Resp:	200691
Ion Ratio	Lower	Upper	
91	100		
120	22.0	0.0	44.0





#75

2-Chlorotoluene

Concen: 20.515 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 91 Resp: 132203

Ion Ratio Lower Upper

91 100

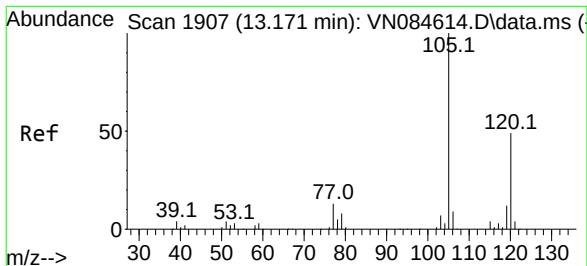
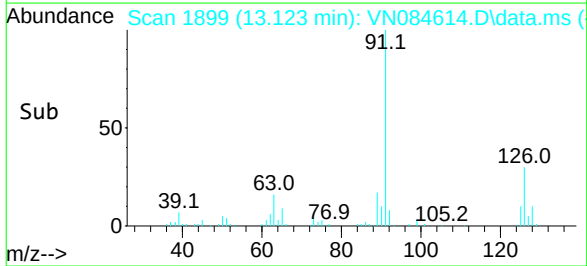
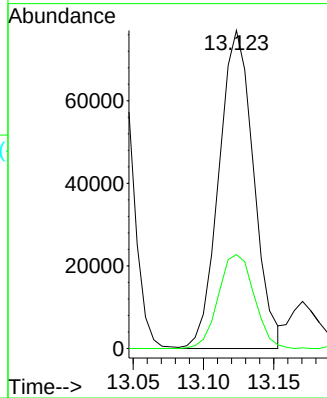
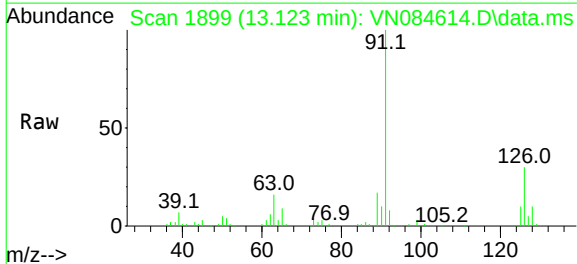
126 30.4 0.0 60.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024

Supervised By :Mahesh Dadoda 11/04/2024



#76

1,3,5-Trimethylbenzene

Concen: 20.434 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084614.D

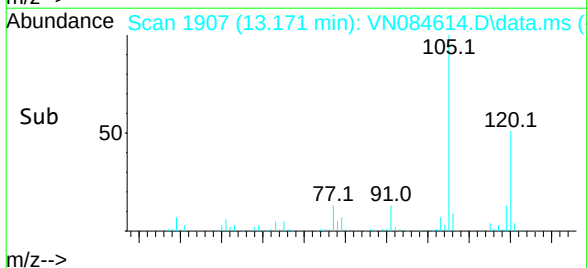
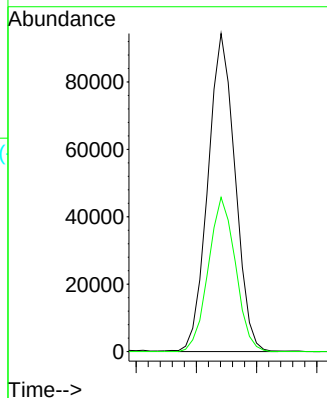
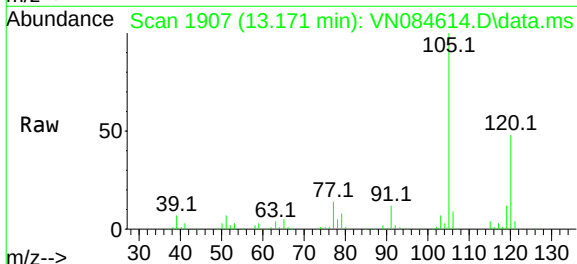
Acq: 31 Oct 2024 12:32

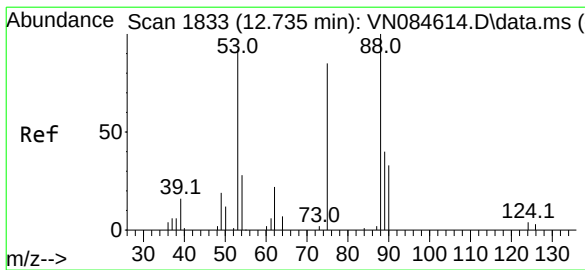
Tgt Ion:105 Resp: 147751

Ion Ratio Lower Upper

105 100

120 48.4 0.0 96.8





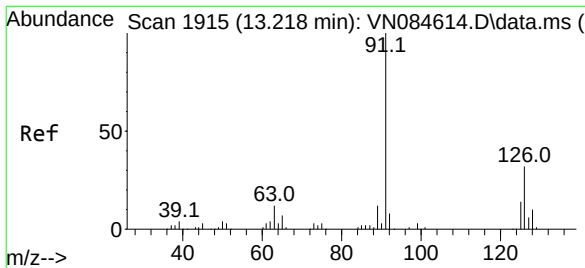
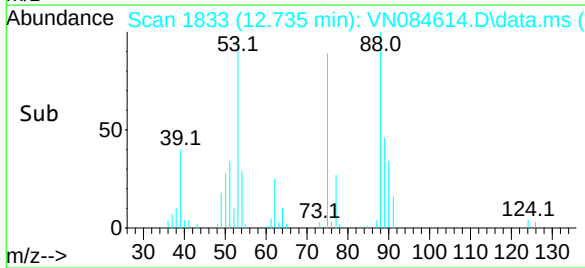
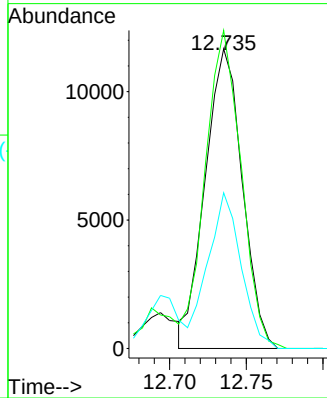
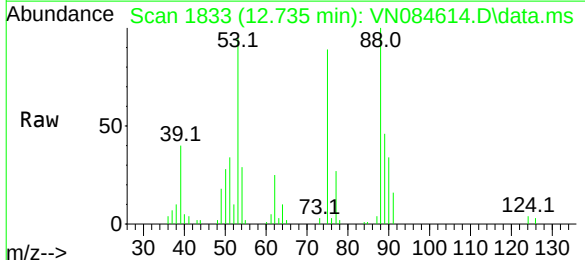
#77
t-1,4-Dichloro-2-butene
Concen: 20.442 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 19637
Ion Ratio Lower Upper
75 100
53 104.8 52.4 157.2
89 52.0 26.0 78.0

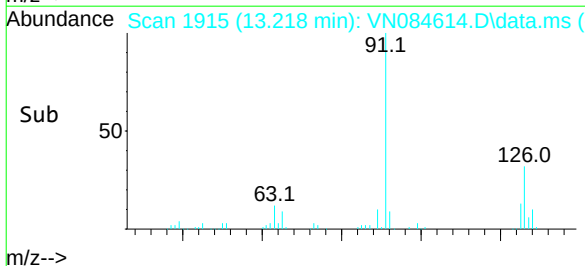
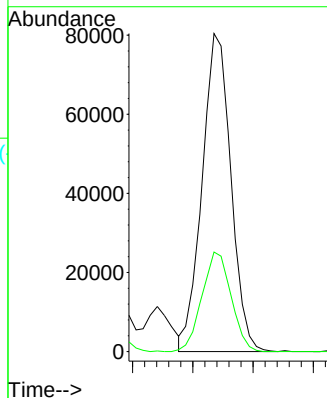
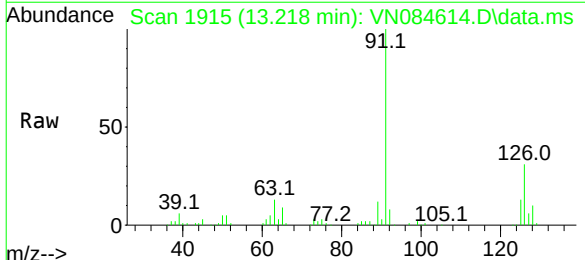
Manual Integrations
APPROVED

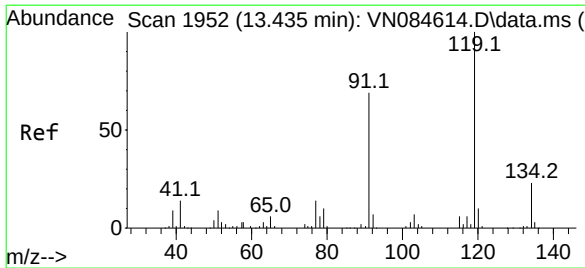
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#78
4-Chlorotoluene
Concen: 20.493 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 91 Resp: 133430
Ion Ratio Lower Upper
91 100
126 31.7 0.0 63.4





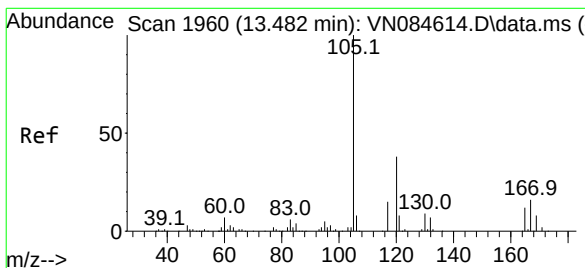
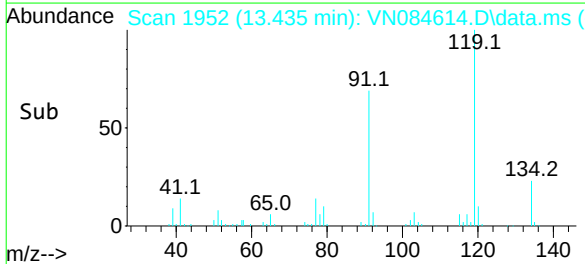
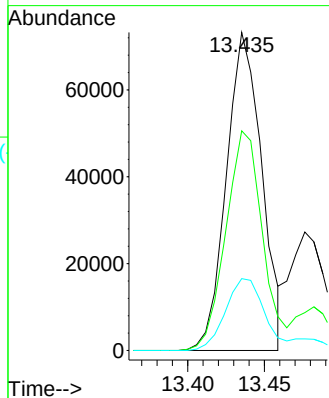
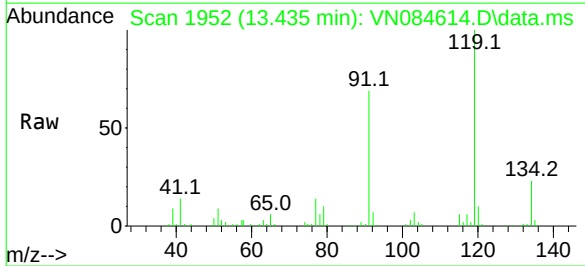
#79
tert-butylbenzene
Concen: 19.701 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 117804
Ion Ratio Lower Upper
119 100
91 71.6 0.0 143.2
134 24.7 0.0 49.4

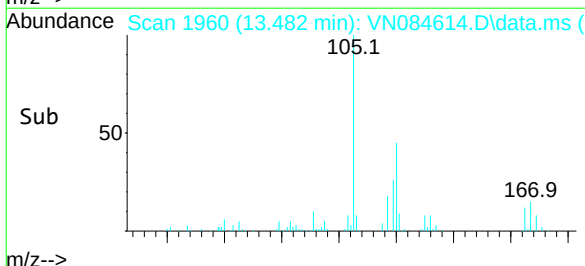
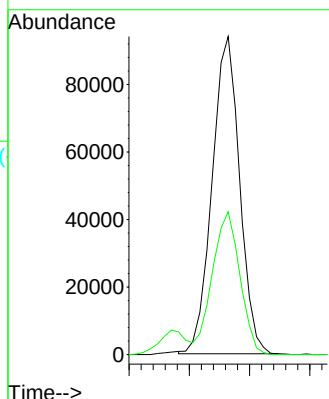
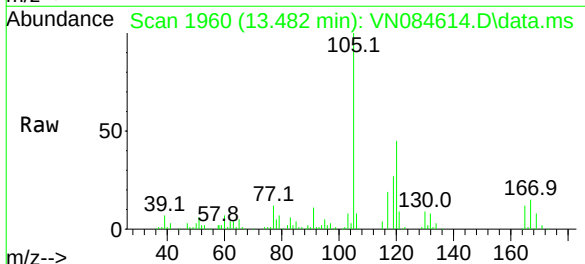
Manual Integrations
APPROVED

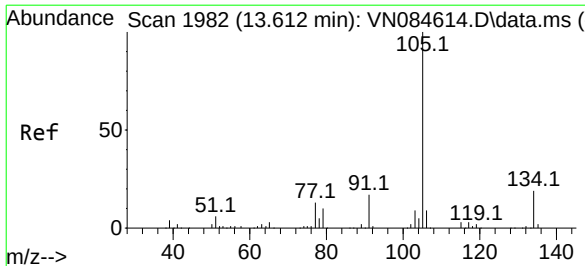
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.404 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:105 Resp: 148836
Ion Ratio Lower Upper
105 100
120 45.2 0.0 90.4





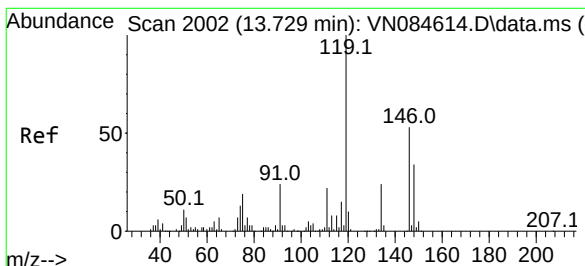
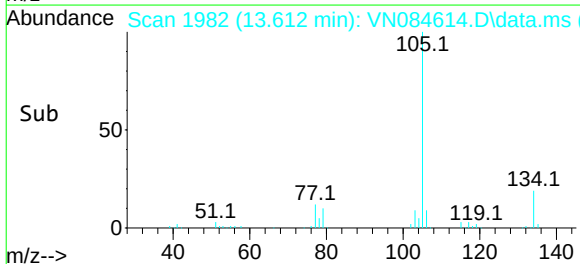
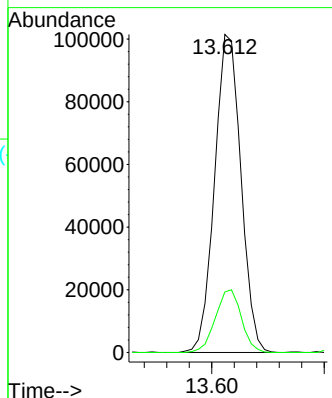
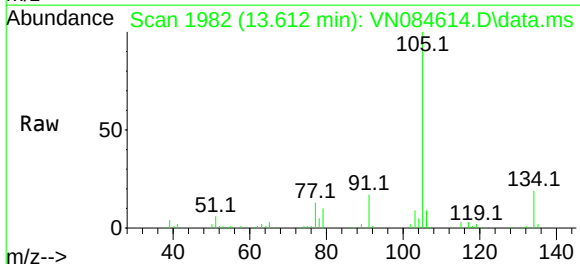
#81
sec-Butylbenzene
Concen: 20.014 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:105 Resp: 164903
Ion Ratio Lower Upper
105 100
134 19.5 0.0 39.0

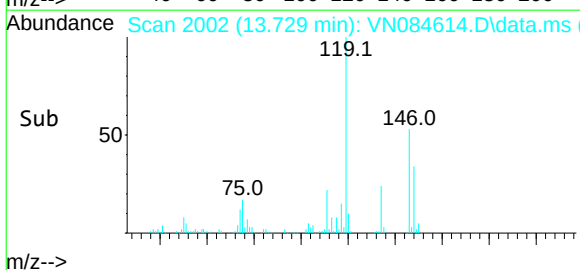
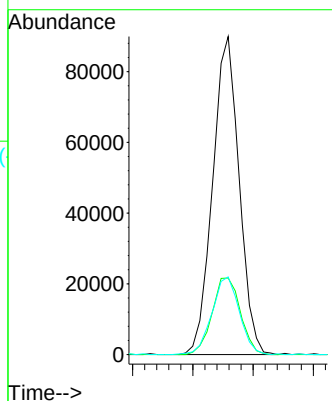
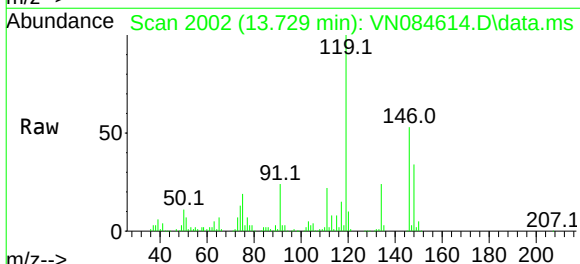
Manual Integrations
APPROVED

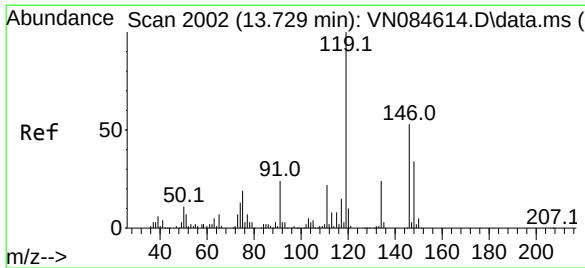
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#82
p-Isopropyltoluene
Concen: 19.858 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:119 Resp: 137483
Ion Ratio Lower Upper
119 100
134 25.7 0.0 51.4
91 25.2 0.0 50.4





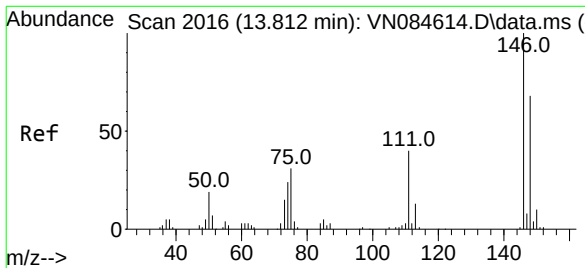
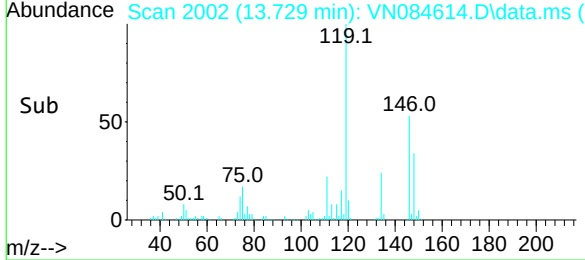
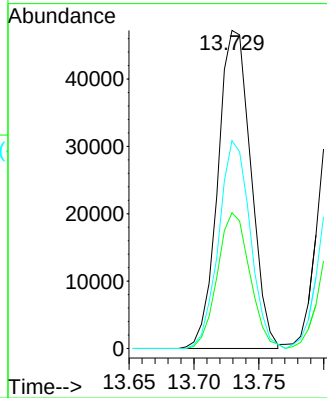
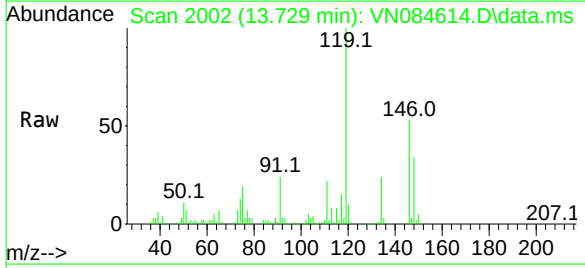
#83
1,3-Dichlorobenzene
Concen: 20.670 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	146	Resp:	83438
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.0	63.0
148	62.5	31.3	93.8

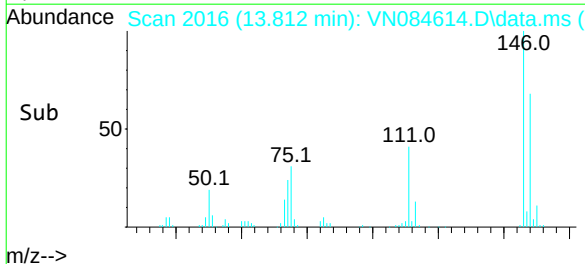
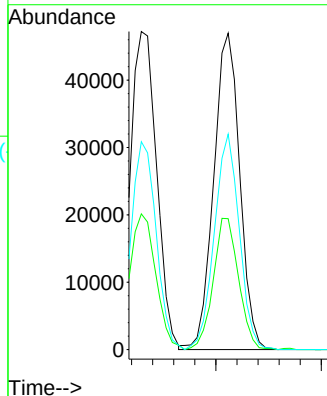
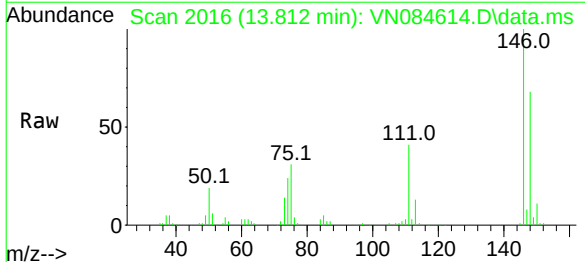
Manual Integrations
APPROVED

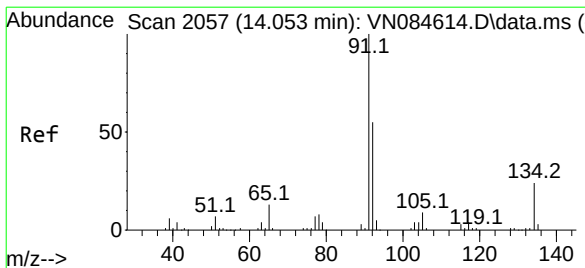
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#84
1,4-Dichlorobenzene
Concen: 20.182 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:	146	Resp:	80500
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.2	60.5
148	65.3	32.6	98.0





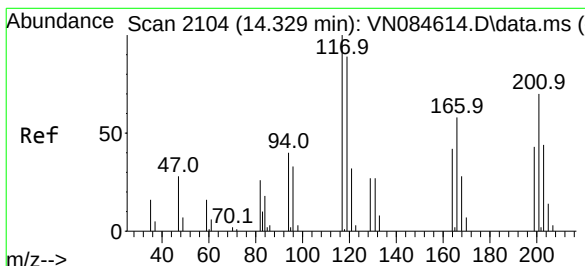
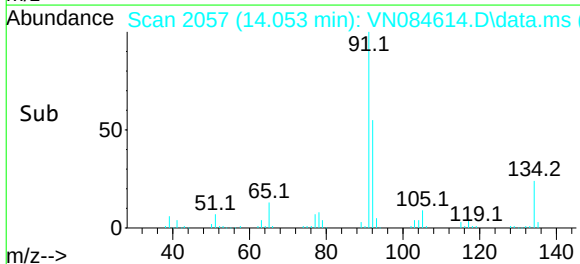
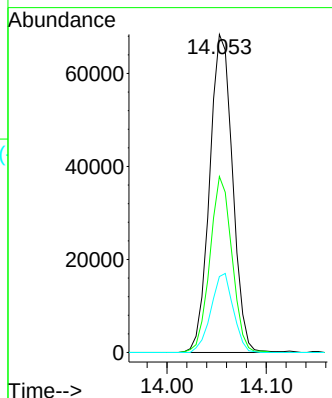
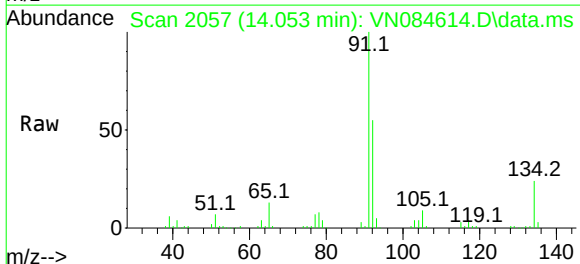
#85
n-Butylbenzene
Concen: 18.885 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 109807
Ion Ratio Lower Upper
91 100
92 53.1 0.0 106.2
134 24.1 0.0 48.2

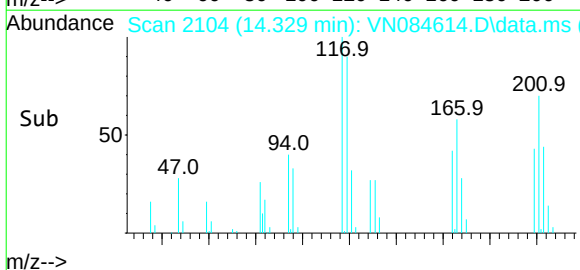
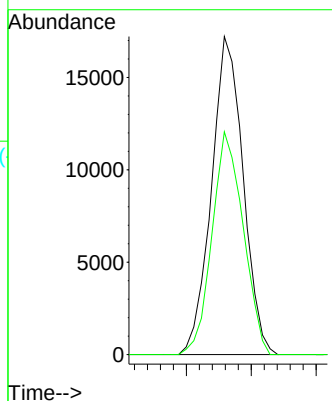
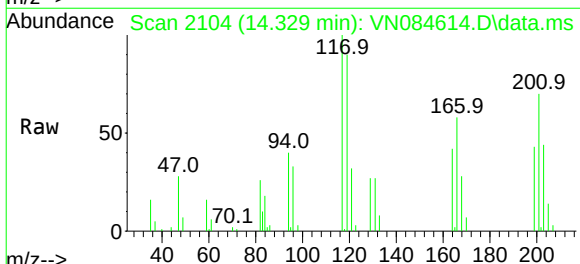
Manual Integrations
APPROVED

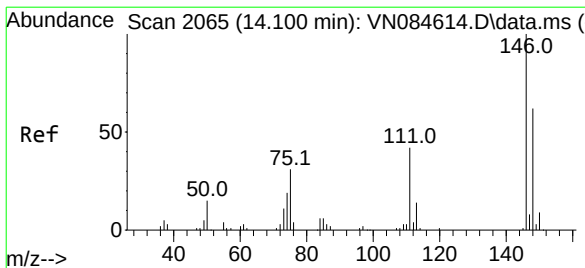
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#86
Hexachloroethane
Concen: 20.617 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:117 Resp: 29191
Ion Ratio Lower Upper
117 100
201 68.9 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 21.203 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

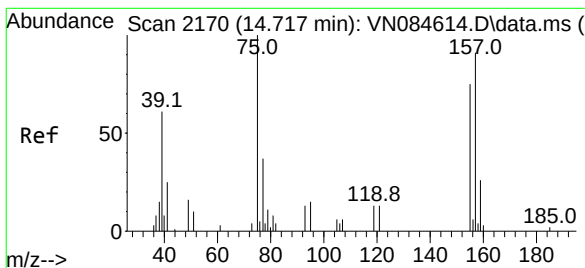
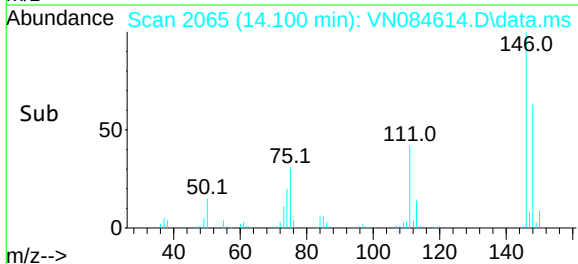
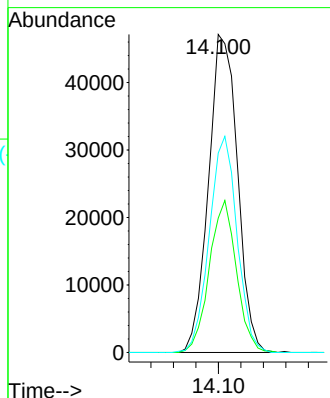
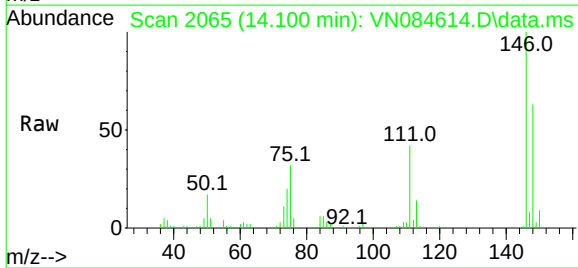
VSTDICCC020

Tgt Ion:	146	Resp:	84342
Ion Ratio	Lower	Upper	
146	100		
111	44.7	22.4	67.0
148	65.3	32.6	98.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.899 ug/l

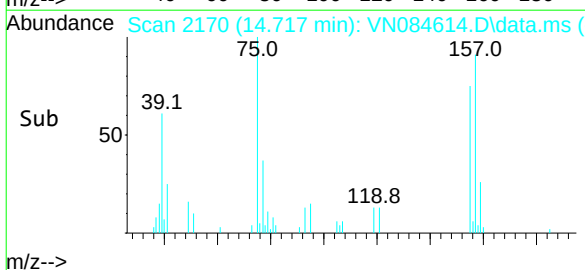
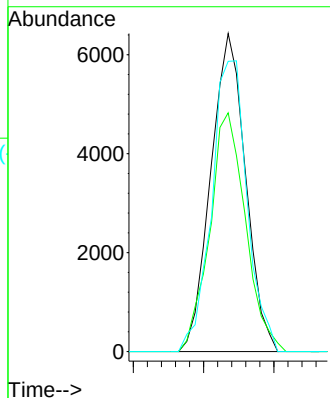
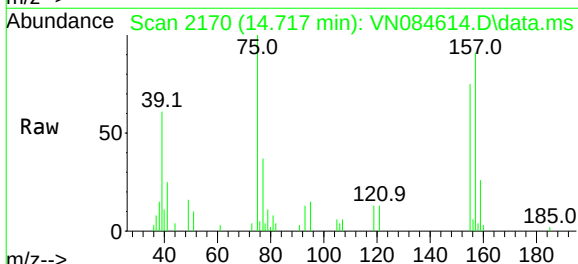
RT: 14.717 min Scan# 2170

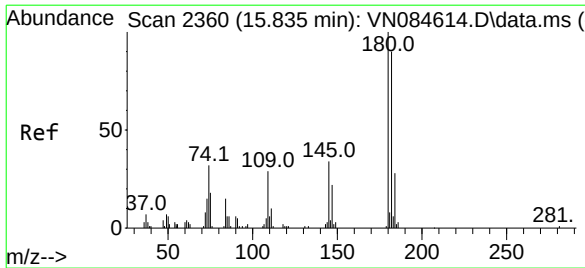
Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

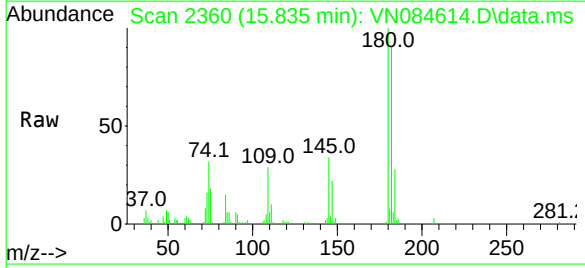
Tgt Ion:	75	Resp:	11061
Ion Ratio	Lower	Upper	
75	100		
155	77.2	61.8	92.6
157	93.4	74.7	112.1





#89
1,2,4-Trichlorobenzene
Concen: 20.305 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

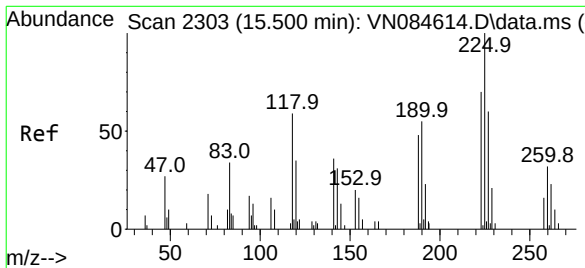
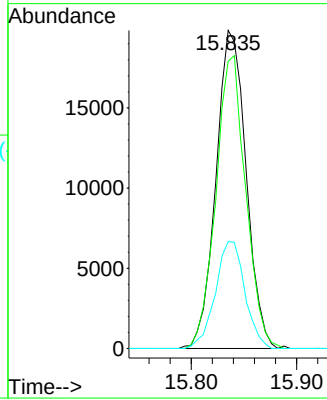
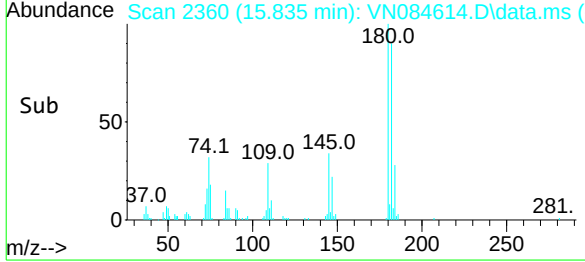
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



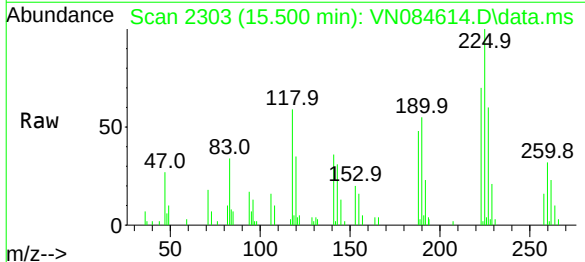
Tgt Ion:	180	Resp:	39326
Ion Ratio	Lower	Upper	
180	100		
182	91.3	73.0	109.6
145	33.1	26.5	39.7

Manual Integrations
APPROVED

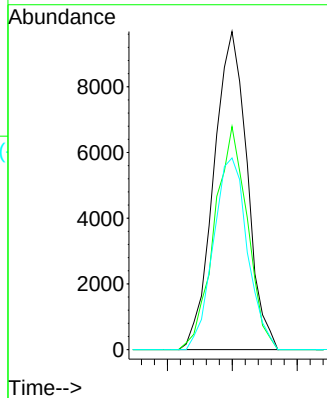
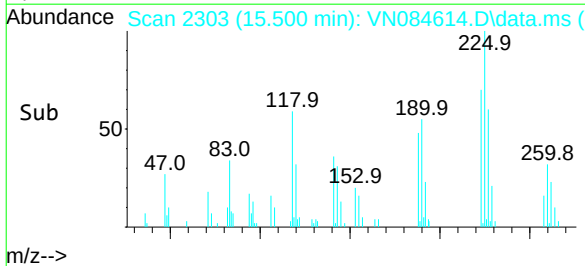
Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024

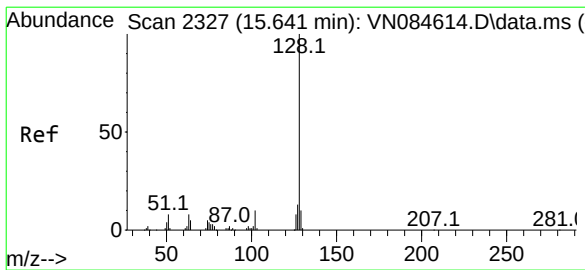


#90
Hexachlorobutadiene
Concen: 20.443 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32



Tgt Ion:	225	Resp:	17295
Ion Ratio	Lower	Upper	
225	100		
223	69.4	0.0	138.8
227	61.6	0.0	123.2





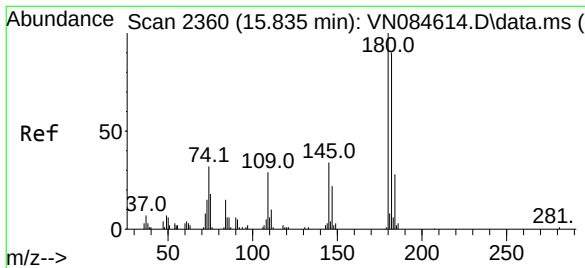
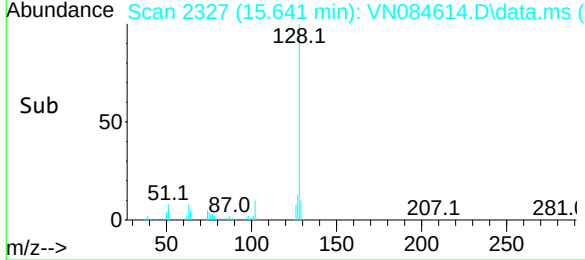
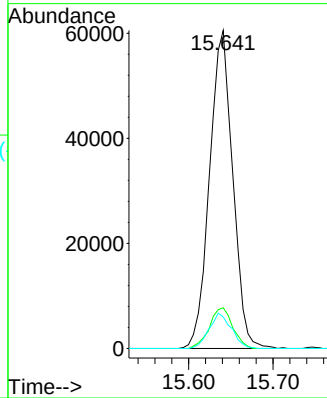
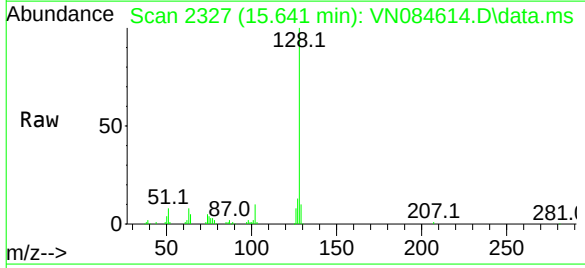
#91
Naphthalene
Concen: 18.702 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	128	Resp:	115679
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.6	12.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#92
1,2,3-Trichlorobenzene
Concen: 20.305 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:	180	Resp:	39326
Ion	Ratio	Lower	Upper
180	100		
182	91.3	0.0	182.6
145	33.1	0.0	66.2

