

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085591.D
 Acq On : 31 Jan 2025 10:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 31 22:23:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	190291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145646	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152459	49.634	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.260%
35) Dibromofluoromethane	8.165	113	116708	53.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.860%
50) Toluene-d8	10.565	98	415377	54.021	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.040%
62) 4-Bromofluorobenzene	12.847	95	147501	56.078	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	103770	40.276	ug/l	99
3) Chloromethane	2.359	50	110719	39.689	ug/l	99
4) Vinyl Chloride	2.512	62	120110	42.836	ug/l	97
5) Bromomethane	2.948	94	72429	42.763	ug/l	98
6) Chloroethane	3.112	64	81085	45.613	ug/l	99
7) Trichlorofluoromethane	3.501	101	191046	46.958	ug/l	99
8) Diethyl Ether	3.953	74	61086	43.462	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	110162	48.073	ug/l	99
10) Methyl Iodide	4.589	142	122885	46.827	ug/l	96
11) Tert butyl alcohol	5.506	59	102478	291.355	ug/l	100
12) 1,1-Dichloroethene	4.336	96	94663	46.352	ug/l	98
13) Acrolein	4.183	56	90056	187.561	ug/l	97
14) Allyl chloride	5.024	41	143367	43.262	ug/l	98
15) Acrylonitrile	5.712	53	279267	249.970	ug/l	99
16) Acetone	4.424	43	238111	239.913	ug/l	99
17) Carbon Disulfide	4.706	76	231929	36.884	ug/l	100
18) Methyl Acetate	5.018	43	163080	54.036	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	343910	51.861	ug/l	97
20) Methylene Chloride	5.271	84	117510	47.827	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	102553	46.987	ug/l	100
22) Diisopropyl ether	6.665	45	379410	51.582	ug/l	97
23) Vinyl Acetate	6.600	43	1337620	259.853	ug/l	100
24) 1,1-Dichloroethane	6.565	63	220300	49.119	ug/l	98
25) 2-Butanone	7.477	43	370535	253.698	ug/l	100
26) 2,2-Dichloropropane	7.489	77	199084	54.902	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	126248	49.110	ug/l	98
28) Bromochloromethane	7.806	49	98995	47.443	ug/l	97
29) Tetrahydrofuran	7.836	42	246967	266.707	ug/l	99
30) Chloroform	7.959	83	232358	50.126	ug/l	100
31) Cyclohexane	8.253	56	161397	41.402	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	201948	49.666	ug/l	97
36) 1,1-Dichloropropene	8.365	75	148837	49.002	ug/l	99
37) Ethyl Acetate	7.553	43	151771	49.505	ug/l	97
38) Carbon Tetrachloride	8.359	117	179763	51.696	ug/l	98
39) Methylcyclohexane	9.600	83	136843	47.944	ug/l	98
40) Benzene	8.600	78	465224	50.976	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	85378	53.528	ug/l	97
42) 1,2-Dichloroethane	8.665	62	178224	51.851	ug/l	99
43) Isopropyl Acetate	8.683	43	256966	52.309	ug/l	99
44) Trichloroethene	9.347	130	105127	49.486	ug/l	97
45) 1,2-Dichloropropane	9.618	63	120938	51.880	ug/l	98
46) Dibromomethane	9.706	93	85588	50.884	ug/l	97
47) Bromodichloromethane	9.882	83	185704	54.191	ug/l	99
48) Methyl methacrylate	9.677	41	122530	55.425	ug/l	99
49) 1,4-Dioxane	9.688	88	40300	1082.516	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	813239	285.284	ug/l	99
52) Toluene	10.630	92	283889	53.686	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	175773	54.277	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	188416	54.468	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	113662	54.314	ug/l	98
56) Ethyl methacrylate	10.871	69	168851	47.979	ug/l	99
57) 1,3-Dichloropropane	11.159	76	196125	53.898	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	369534	278.261	ug/l	100
59) 2-Hexanone	11.194	43	586256	292.282	ug/l	100
60) Dibromochloromethane	11.359	129	139102	55.058	ug/l	100
61) 1,2-Dibromoethane	11.465	107	107453	51.584	ug/l	99
64) Tetrachloroethene	11.100	164	101650	52.413	ug/l	98
65) Chlorobenzene	11.888	112	310267	49.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	116111	50.764	ug/l	97
67) Ethyl Benzene	11.959	91	539837	53.184	ug/l	100
68) m/p-Xylenes	12.065	106	417283	111.234	ug/l	99
69) o-Xylene	12.394	106	196000	54.671	ug/l	99
70) Styrene	12.406	104	344358	58.039	ug/l	99
71) Bromoform	12.576	173	90428	55.254	ug/l #	99
73) Isopropylbenzene	12.694	105	498892	50.753	ug/l	99
74) N-amyl acetate	12.488	43	218240	49.394	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	164103	47.260	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	156230m	52.775	ug/l	
77) Bromobenzene	12.976	156	124316	48.406	ug/l	99
78) n-propylbenzene	13.035	91	617823	53.092	ug/l	100
79) 2-Chlorotoluene	13.123	91	376644	50.010	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	435734	53.665	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	58483	53.451	ug/l	96
82) 4-Chlorotoluene	13.218	91	387664	51.696	ug/l	99
83) tert-Butylbenzene	13.435	119	353864	51.897	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	442366	54.663	ug/l	99
85) sec-Butylbenzene	13.612	105	515181	54.515	ug/l	100
86) p-Isopropyltoluene	13.723	119	426531	50.108	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	241411	51.042	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	233405	47.611	ug/l	99
89) n-Butylbenzene	14.053	91	364737	53.798	ug/l	100
90) Hexachloroethane	14.329	117	86465	48.061	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	232755	49.337	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30775	48.536	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	106670	48.649	ug/l	97
94) Hexachlorobutadiene	15.500	225	56304	48.367	ug/l	99
95) Naphthalene	15.635	128	315500	48.220	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	107609	48.503	ug/l	99

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

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

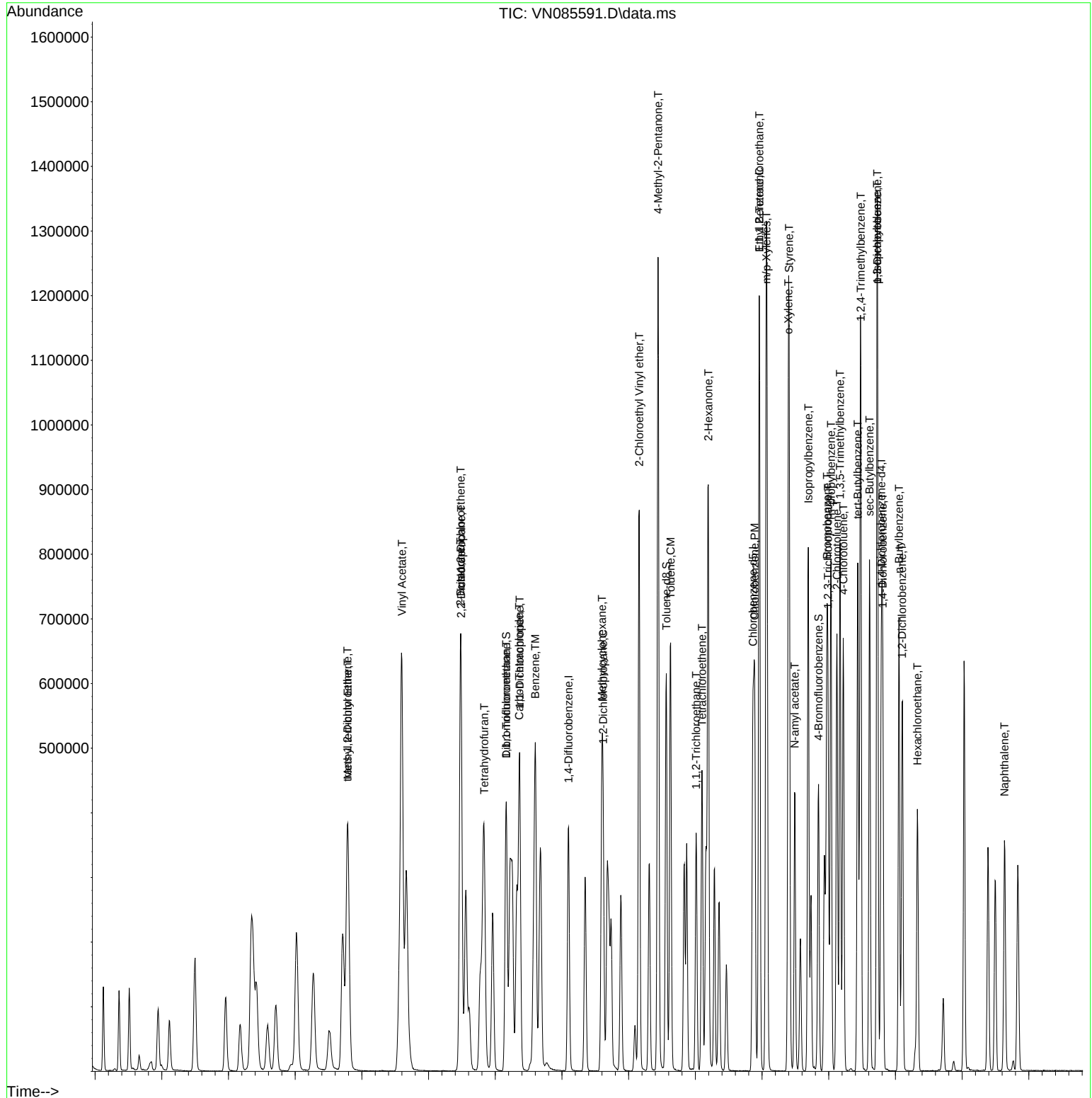
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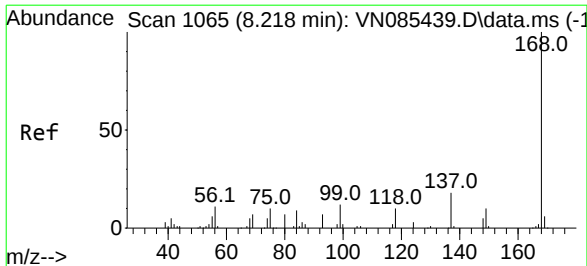
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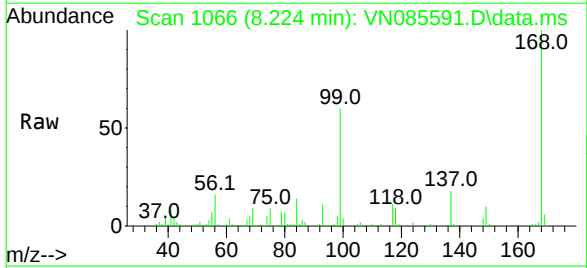
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085591.D
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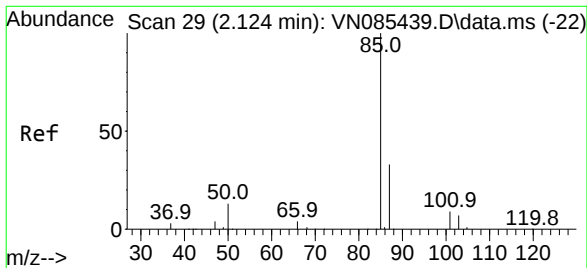
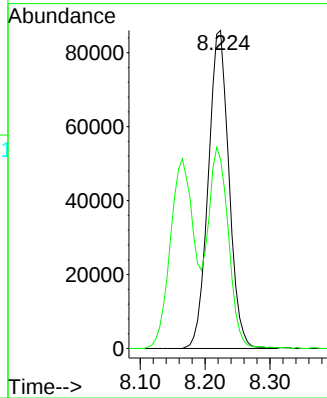
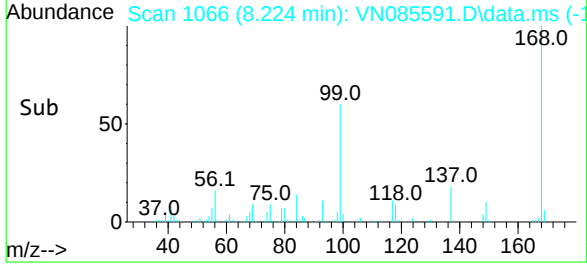
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion: 168 Resp: 190291
Ion Ratio Lower Upper
168 100
99 59.3 53.6 80.4

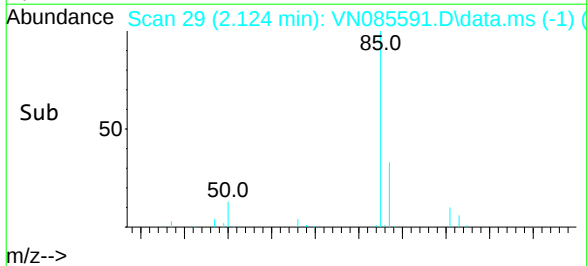
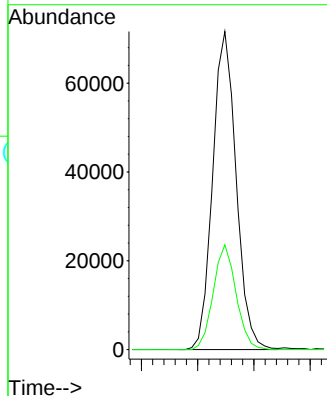
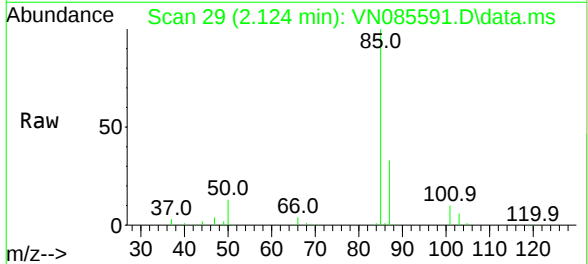
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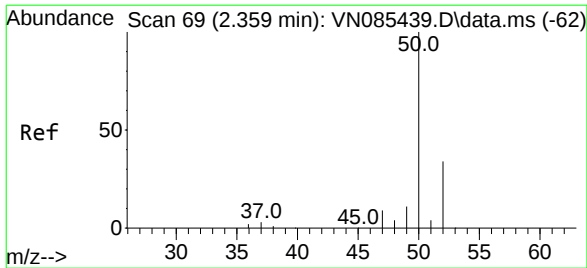
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#2
Dichlorodifluoromethane
Concen: 40.276 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

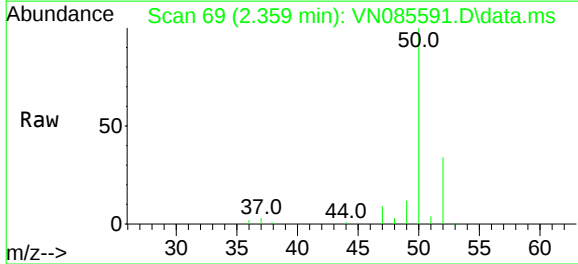
Tgt Ion: 85 Resp: 103770
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





#3
Chloromethane
Concen: 39.689 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

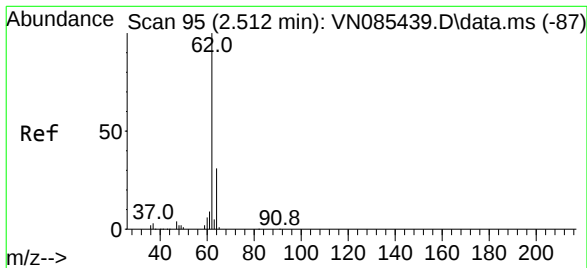
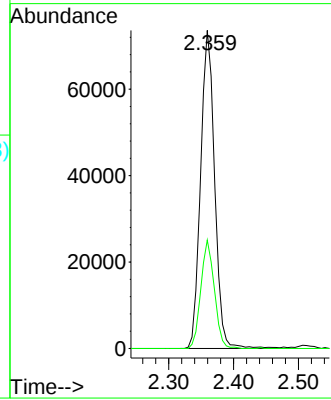
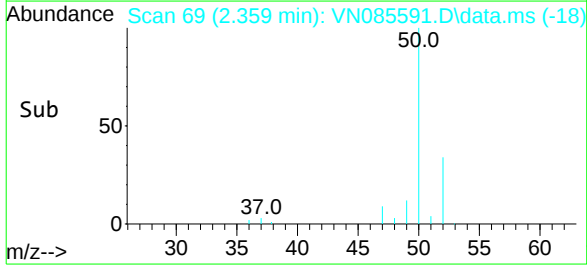
Instrument :
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Tgt Ion: 50 Resp: 110719
Ion Ratio Lower Upper
50 100
52 34.1 27.0 40.6

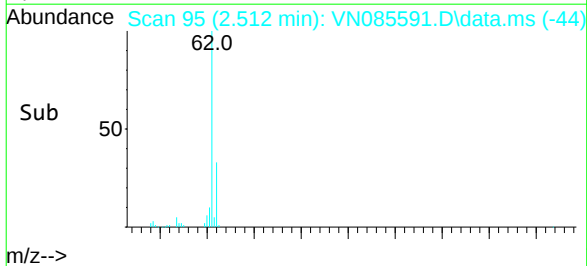
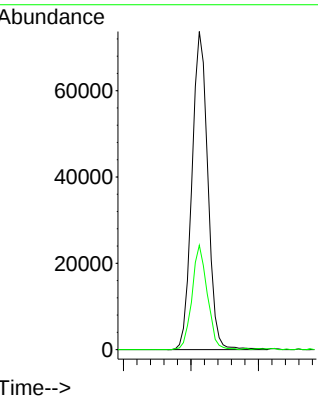
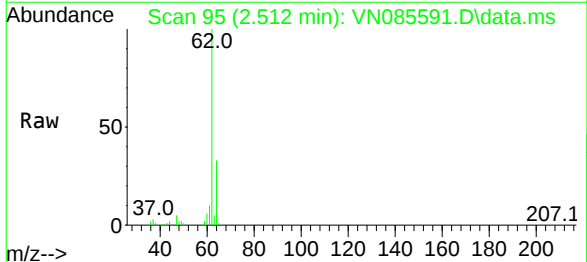
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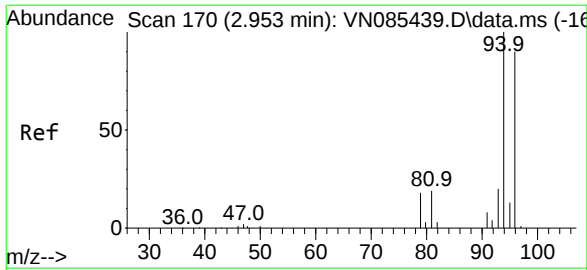
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#4
Vinyl Chloride
Concen: 42.836 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

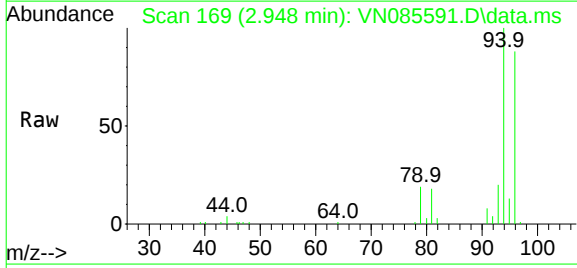
Tgt Ion: 62 Resp: 120110
Ion Ratio Lower Upper
62 100
64 32.8 24.8 37.2





#5
Bromomethane
Concen: 42.763 ug/l
RT: 2.948 min Scan# 16
Delta R.T. -0.006 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

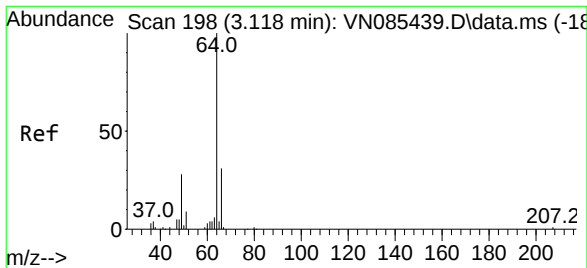
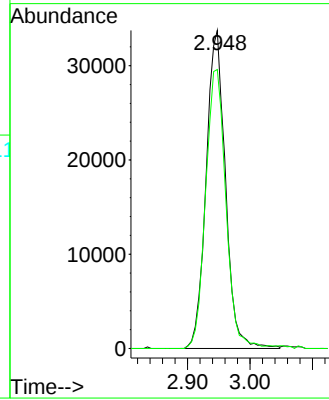
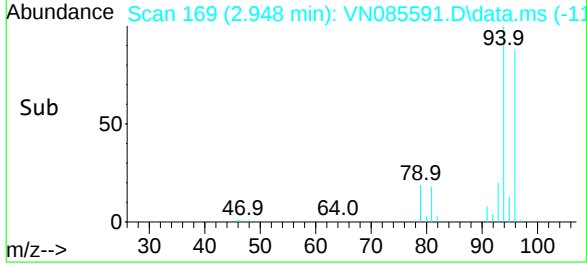
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Tgt Ion: 94 Resp: 72429
Ion Ratio Lower Upper
94 100
96 87.7 71.8 107.6

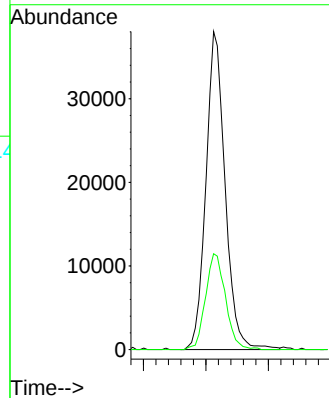
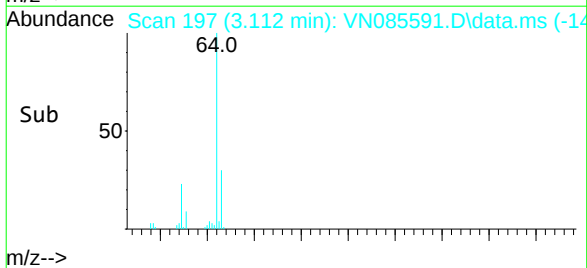
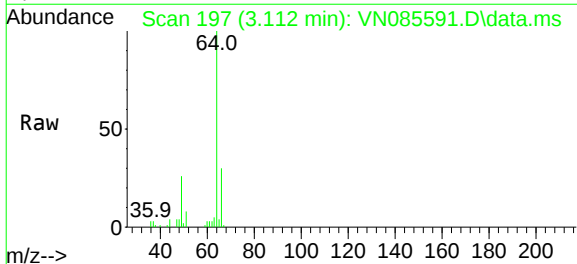
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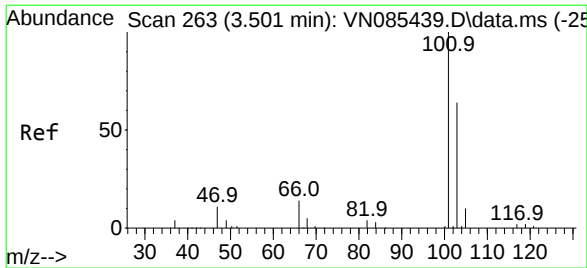
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#6
Chloroethane
Concen: 45.613 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

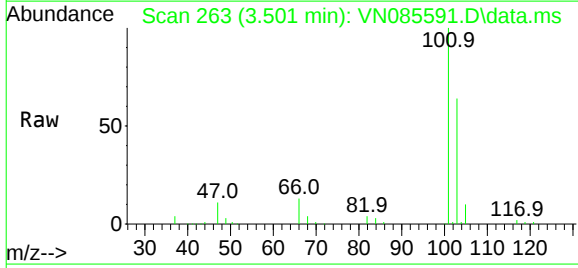
Tgt Ion: 64 Resp: 81085
Ion Ratio Lower Upper
64 100
66 30.1 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 46.958 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085591.D
 Acq: 31 Jan 2025 10:04

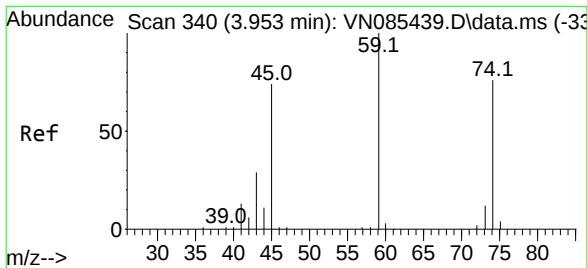
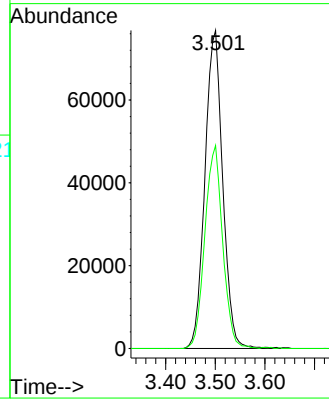
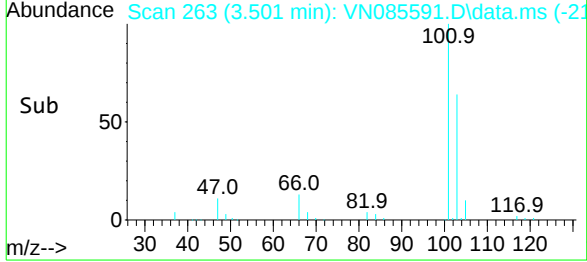
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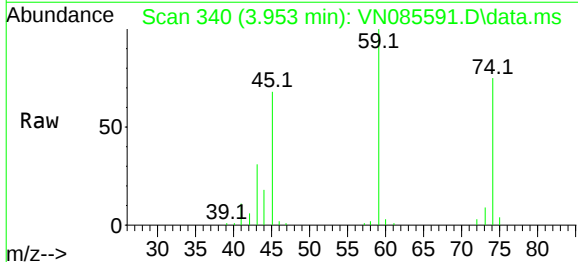
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 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.2

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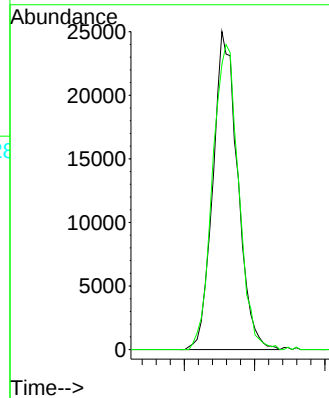
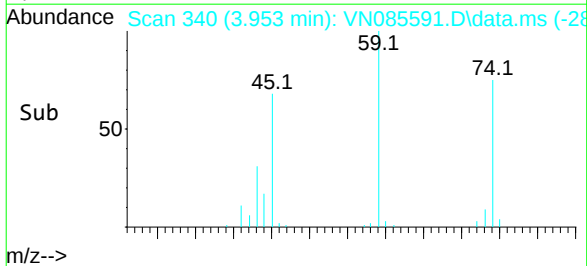
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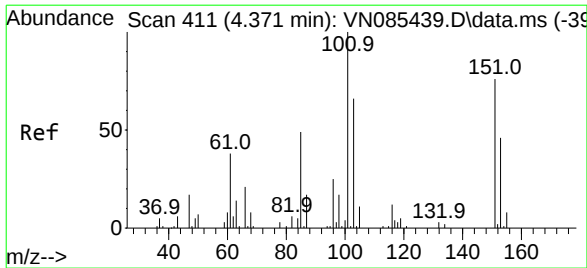


#8
 Diethyl Ether
 Concen: 43.462 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN085591.D
 Acq: 31 Jan 2025 10:04



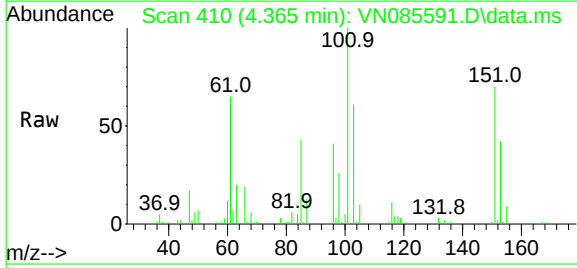
Tgt Ion: 74 Resp: 61086
 Ion Ratio Lower Upper
 74 100
 45 101.0 49.7 149.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.073 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

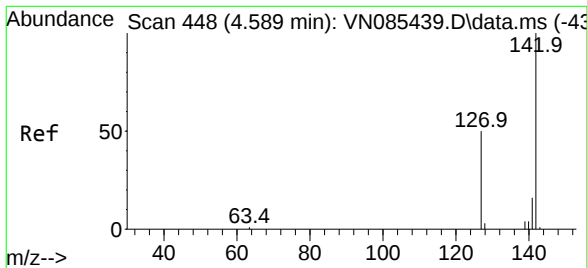
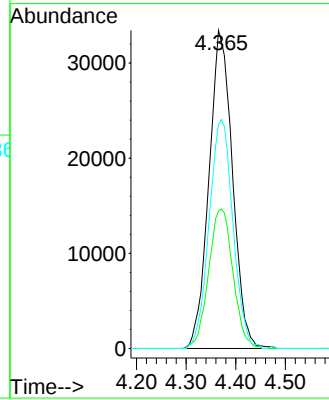
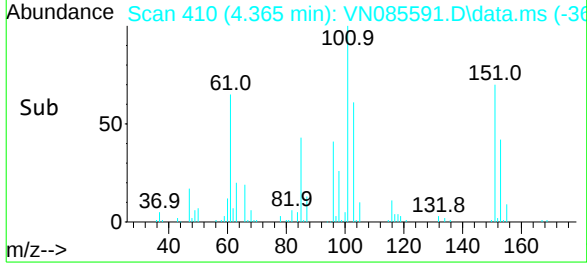
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 110162
Ion Ratio Lower Upper
101 100
85 45.3 37.8 56.8
151 73.0 58.8 88.2

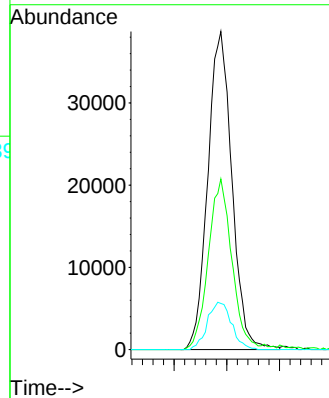
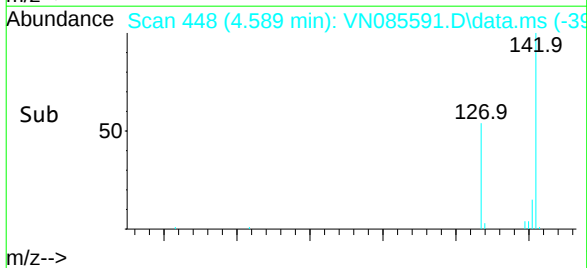
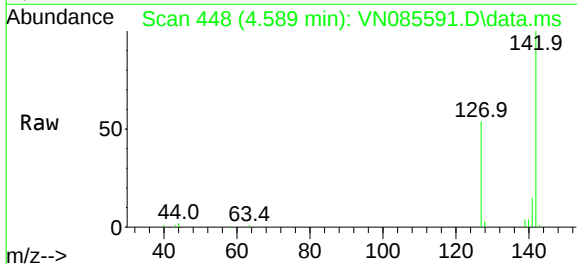
Manual Integrations
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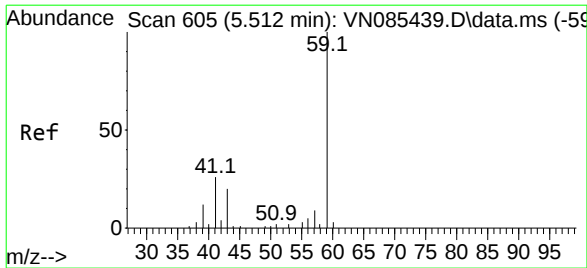
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#10
Methyl Iodide
Concen: 46.827 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Tgt Ion:142 Resp: 122885
Ion Ratio Lower Upper
142 100
127 53.7 40.3 60.5
141 14.5 12.8 19.2





#11

Tert butyl alcohol

Concen: 291.355 ug/l

RT: 5.506 min Scan# 605

Delta R.T. -0.006 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 102478

Ion Ratio Lower Upper

59 100

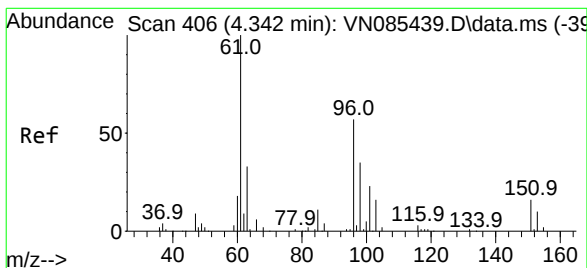
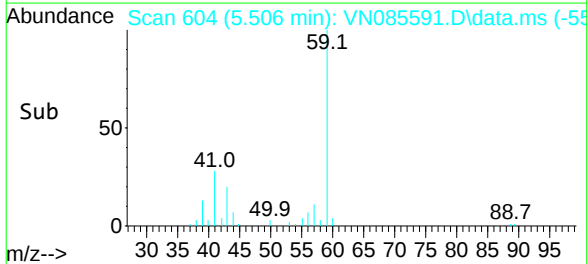
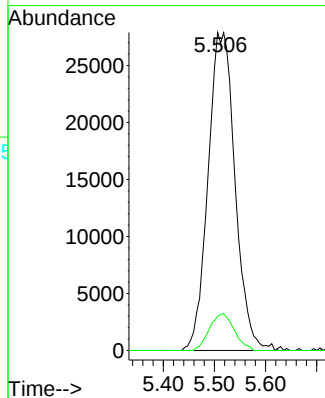
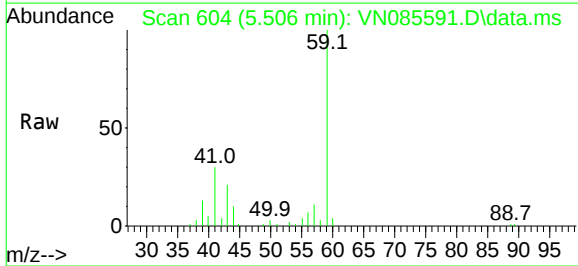
57 10.7 8.6 13.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#12

1,1-Dichloroethene

Concen: 46.352 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

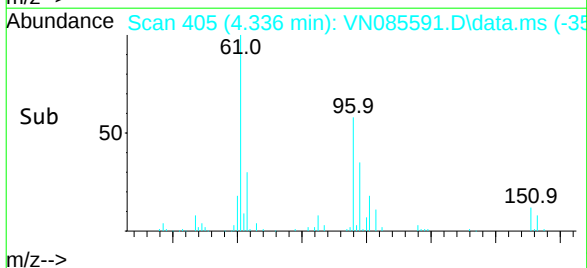
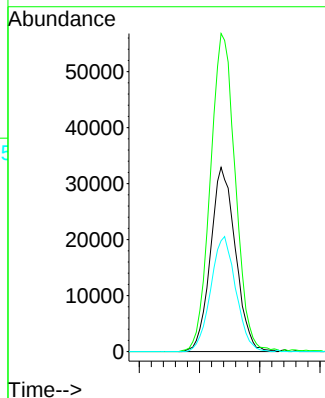
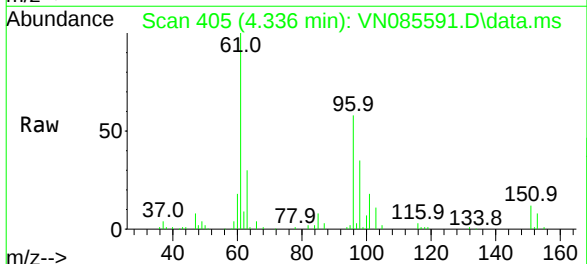
Tgt Ion: 96 Resp: 94663

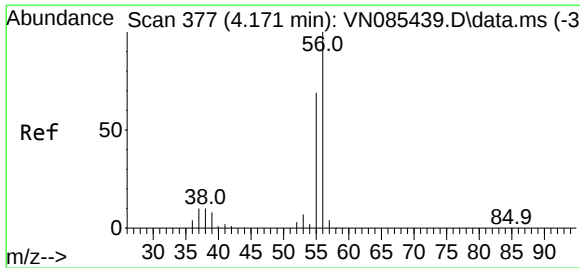
Ion Ratio Lower Upper

96 100

61 172.6 141.0 211.4

98 60.2 49.0 73.6





#13

Acrolein

Concen: 187.561 ug/l

RT: 4.183 min Scan# 37

Delta R.T. 0.012 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 90056

Ion Ratio Lower Upper

56 100

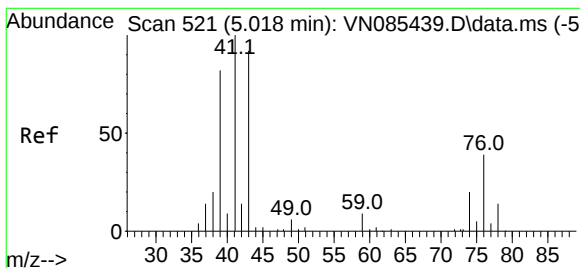
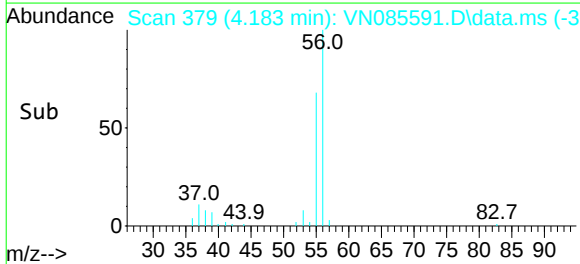
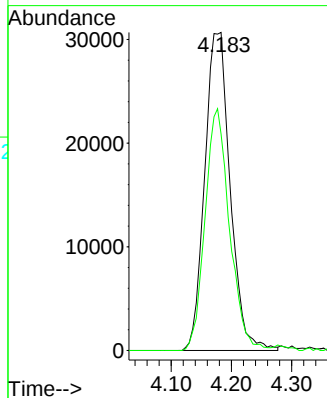
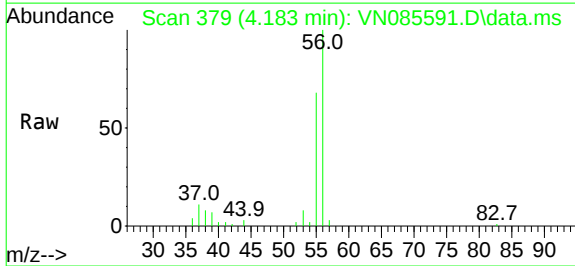
55 73.2 56.3 84.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#14

Allyl chloride

Concen: 43.262 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

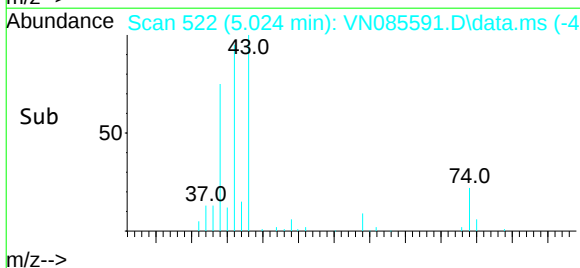
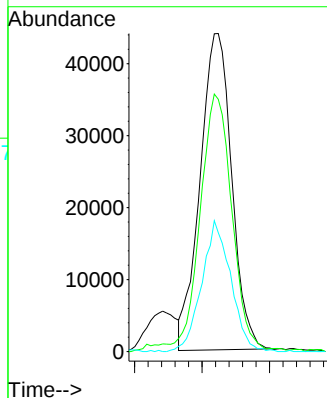
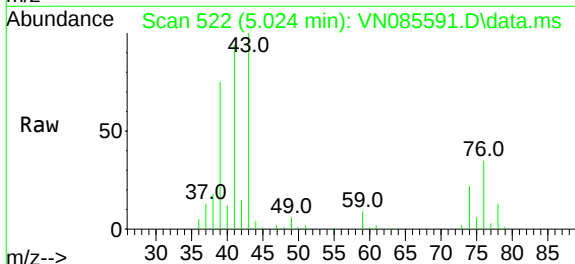
Tgt Ion: 41 Resp: 143367

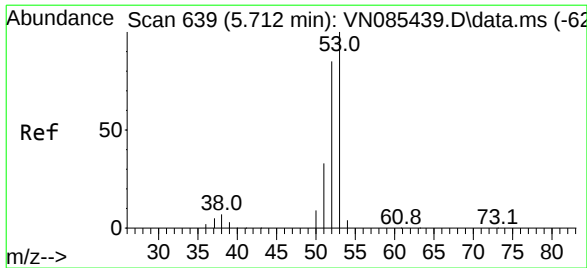
Ion Ratio Lower Upper

41 100

39 82.9 64.4 96.6

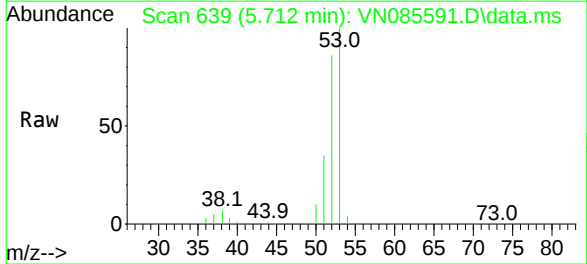
76 37.9 30.5 45.7





#15
Acrylonitrile
Concen: 249.970 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

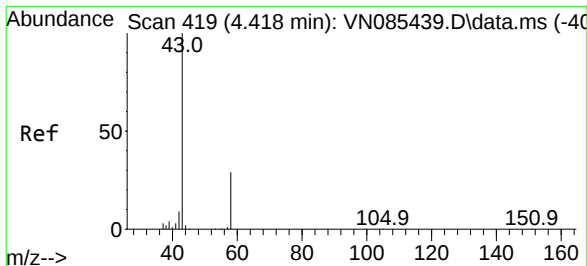
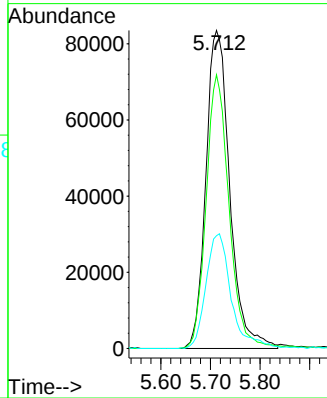
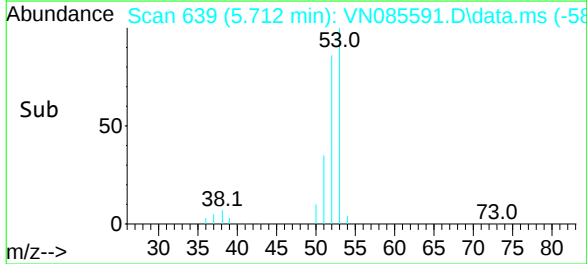
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 279267
Ion Ratio Lower Upper
53 100
52 82.7 65.5 98.3
51 38.1 29.8 44.8

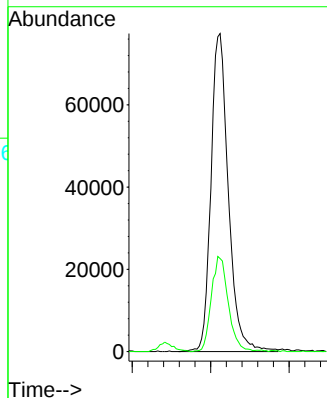
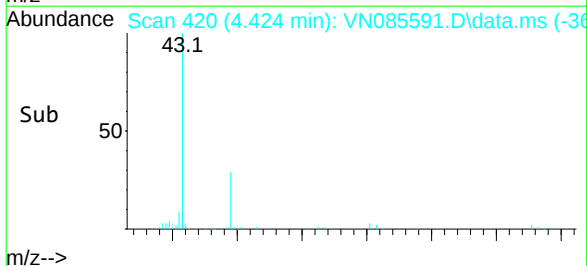
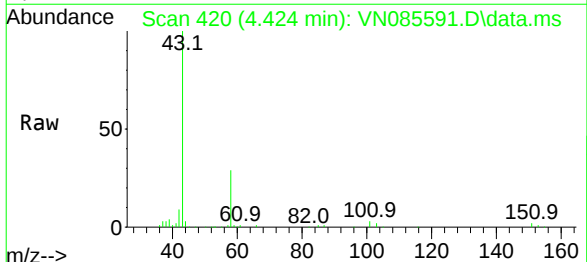
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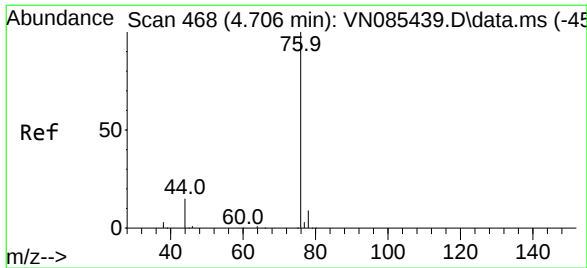
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#16
Acetone
Concen: 239.913 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

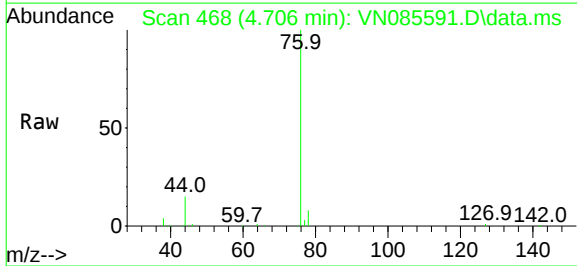
Tgt Ion: 43 Resp: 238111
Ion Ratio Lower Upper
43 100
58 29.0 23.8 35.6





#17
Carbon Disulfide
Concen: 36.884 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

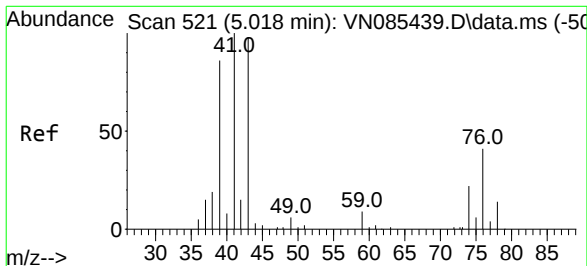
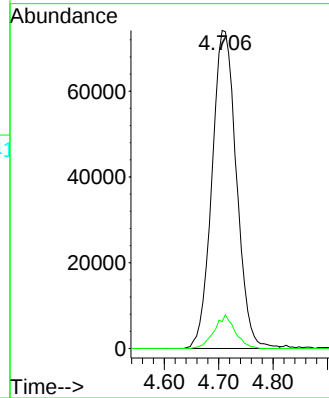
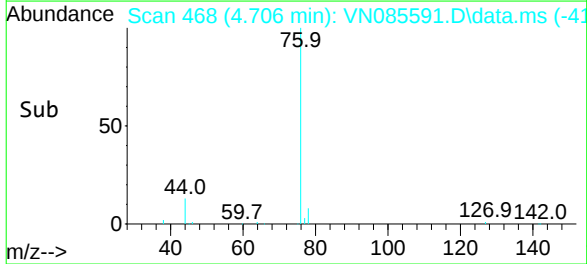
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 231929
Ion Ratio Lower Upper
76 100
78 8.5 6.9 10.3

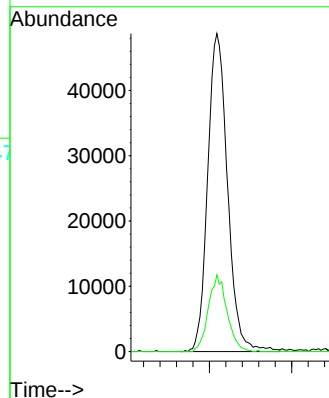
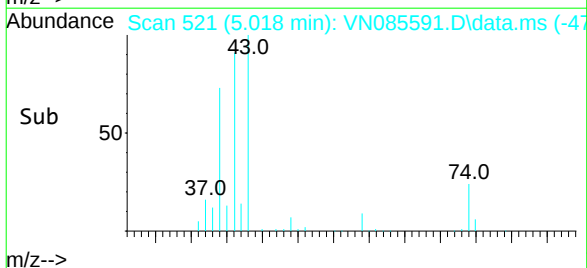
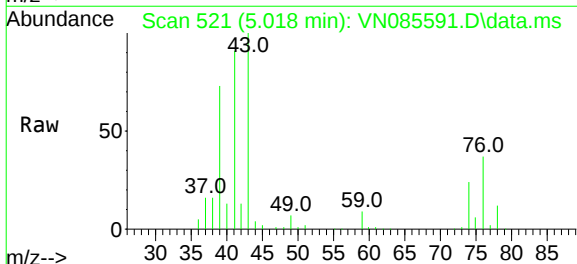
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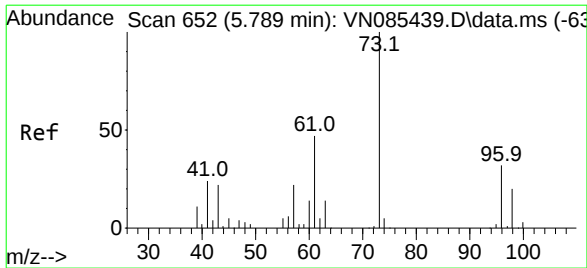
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#18
Methyl Acetate
Concen: 54.036 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Tgt Ion: 43 Resp: 163080
Ion Ratio Lower Upper
43 100
74 22.6 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 51.861 ug/l

RT: 5.789 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 343910

Ion Ratio Lower Upper

73 100

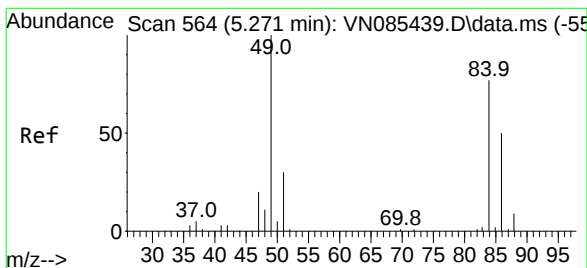
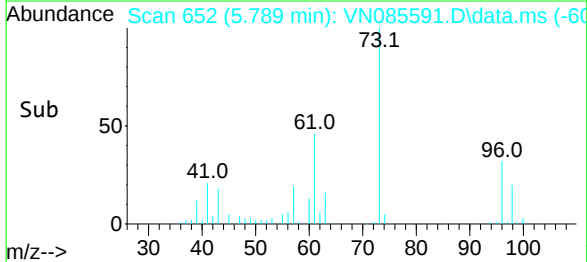
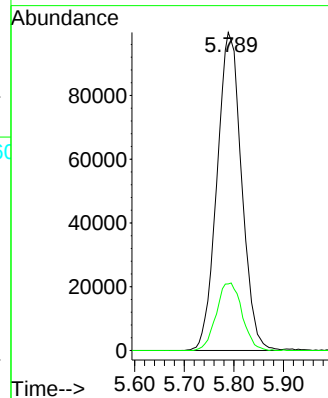
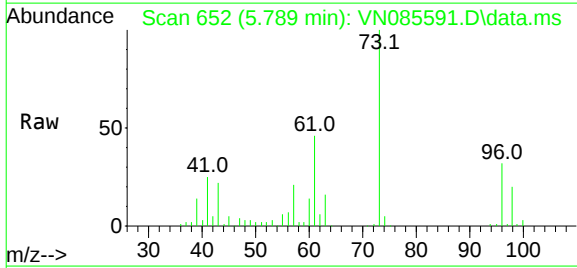
57 20.9 17.8 26.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#20

Methylene Chloride

Concen: 47.827 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Tgt Ion: 84 Resp: 117510

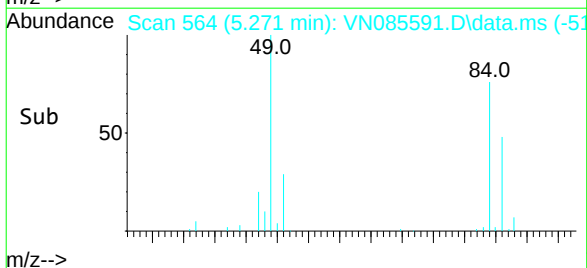
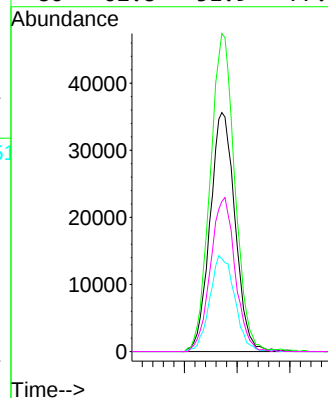
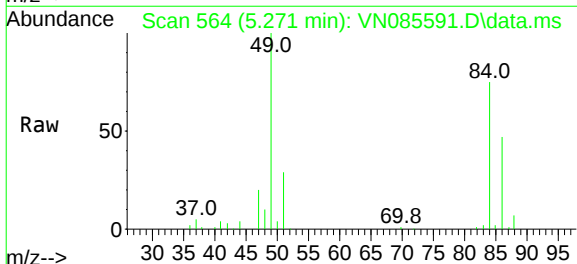
Ion Ratio Lower Upper

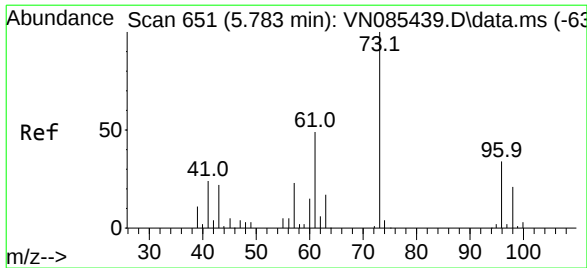
84 100

49 133.1 104.1 156.1

51 38.9 31.0 46.4

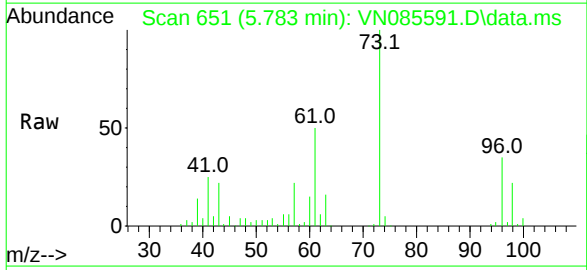
86 62.8 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 46.987 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

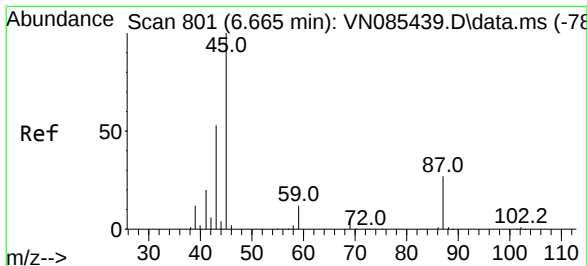
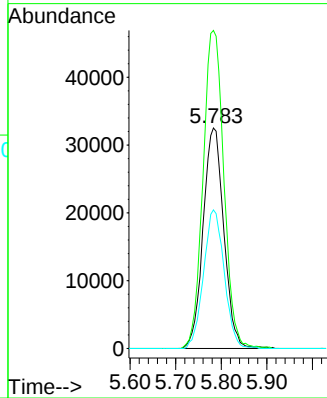
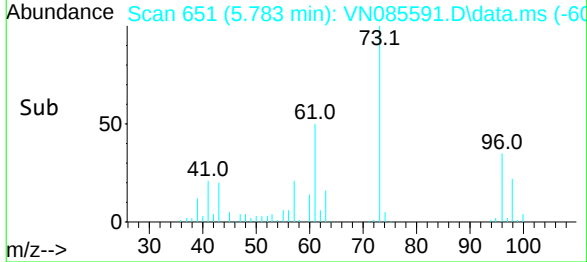
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



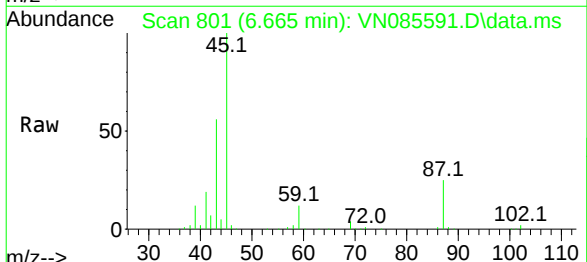
Tgt Ion: 96 Resp: 102553
Ion Ratio Lower Upper
96 100
61 144.3 115.7 173.5
98 62.9 49.8 74.8

Manual Integrations
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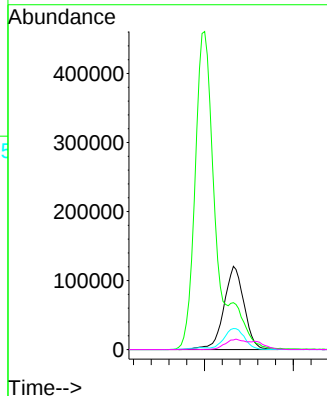
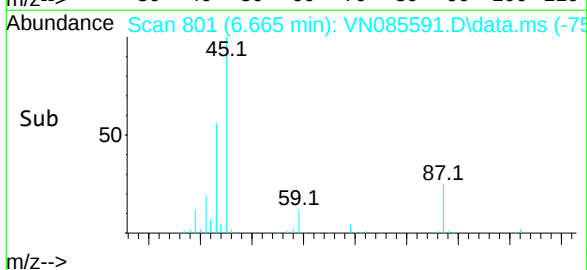
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

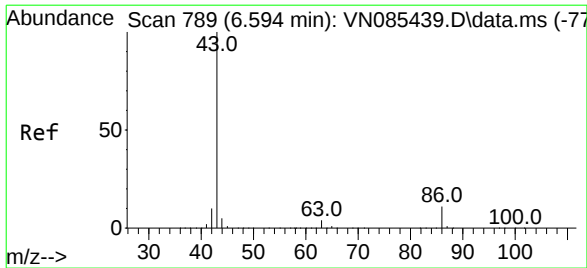


#22
Diisopropyl ether
Concen: 51.582 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04



Tgt Ion: 45 Resp: 379410
Ion Ratio Lower Upper
45 100
43 55.1 45.0 67.6
87 25.2 21.8 32.8
59 11.4 10.2 15.2





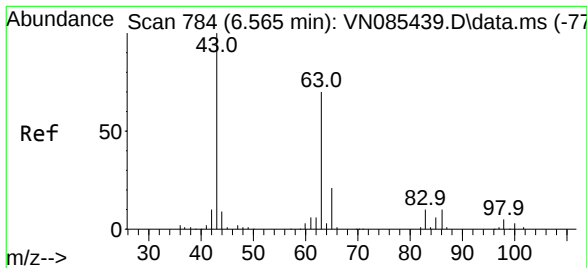
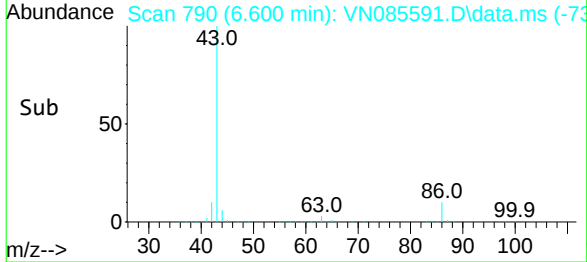
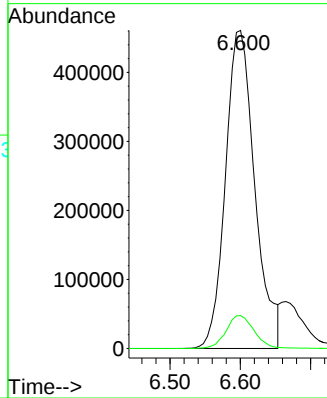
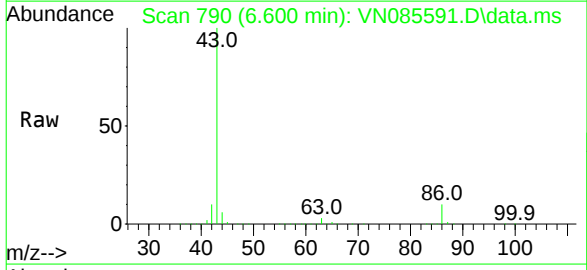
#23
 Vinyl Acetate
 Concen: 259.853 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085591.D
 Acq: 31 Jan 2025 10:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1337620
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6

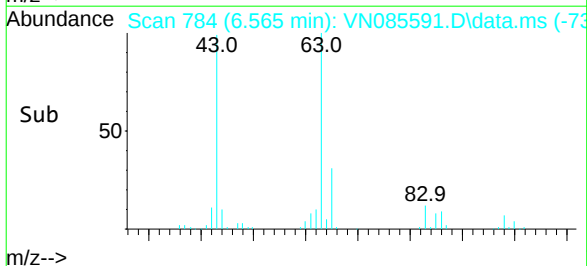
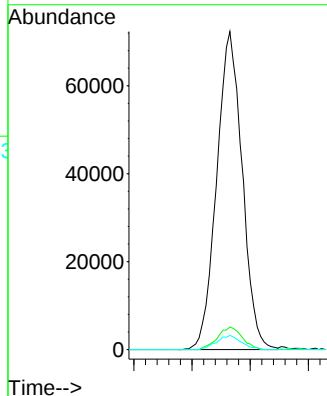
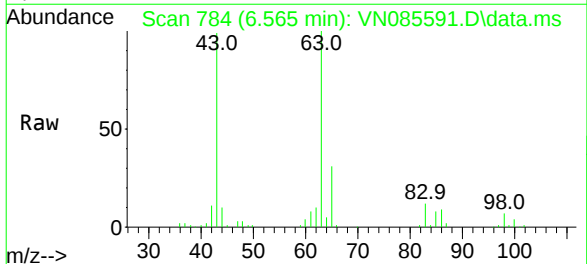
Manual Integrations
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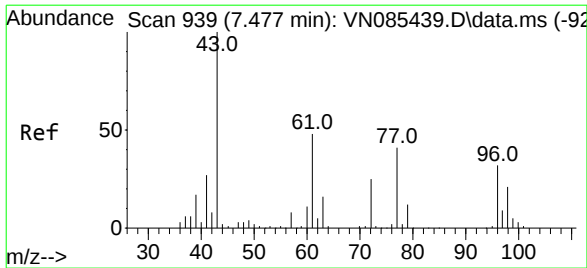
Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025



#24
 1,1-Dichloroethane
 Concen: 49.119 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085591.D
 Acq: 31 Jan 2025 10:04

Tgt Ion: 63 Resp: 220300
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.8
 100 4.5 2.0 6.0





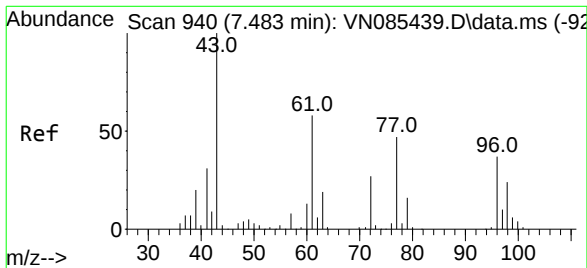
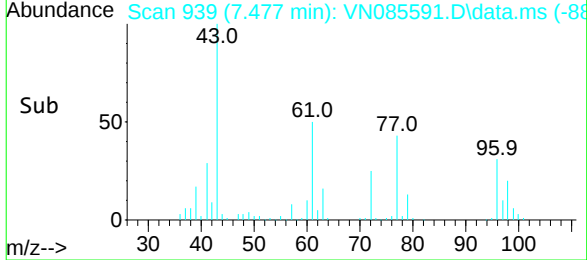
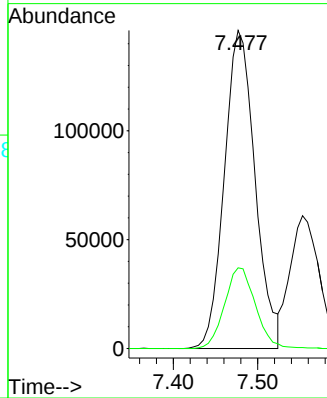
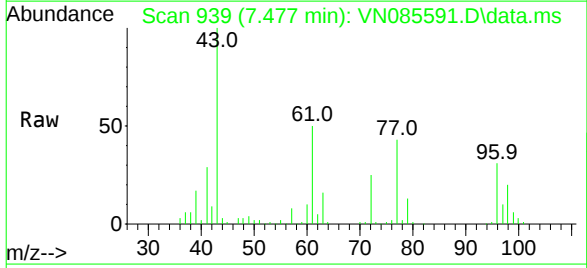
#25
2-Butanone
Concen: 253.698 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 370535
Ion Ratio Lower Upper
43 100
72 25.4 20.2 30.4

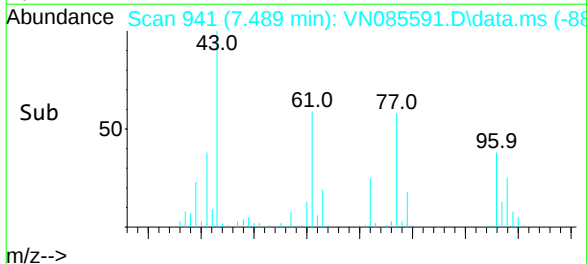
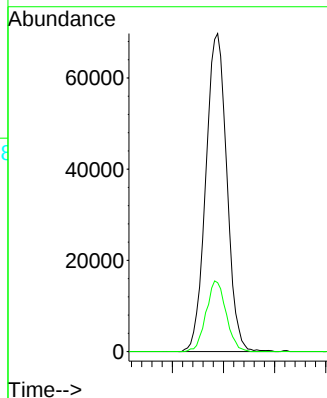
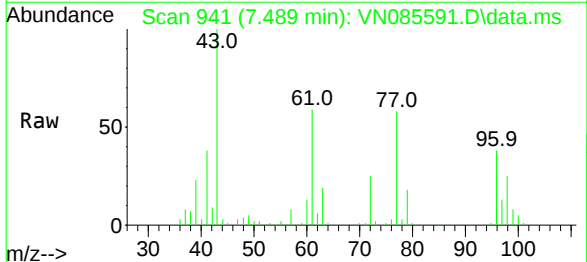
Manual Integrations
APPROVED

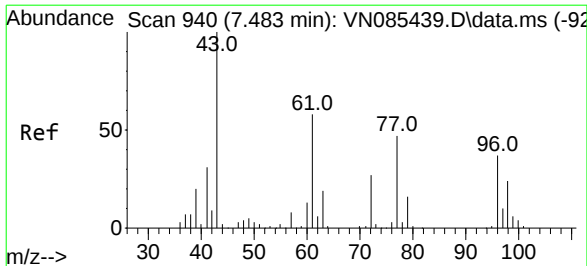
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#26
2,2-Dichloropropane
Concen: 54.902 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

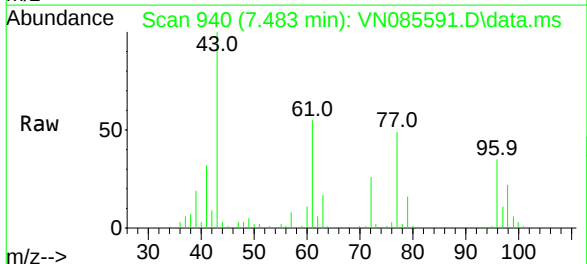
Tgt Ion: 77 Resp: 199084
Ion Ratio Lower Upper
77 100
97 21.2 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 49.110 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085591.D
 Acq: 31 Jan 2025 10:04

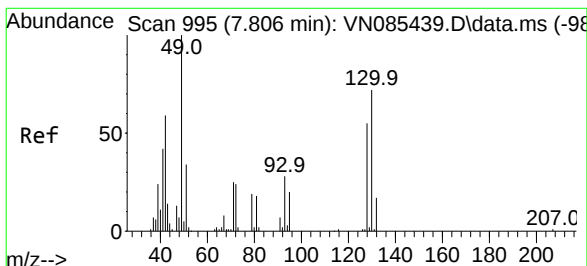
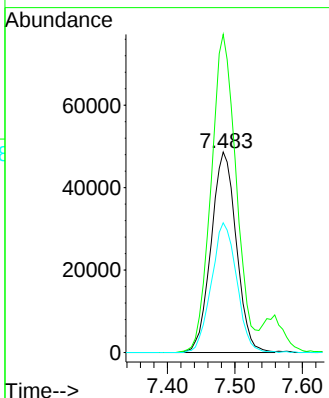
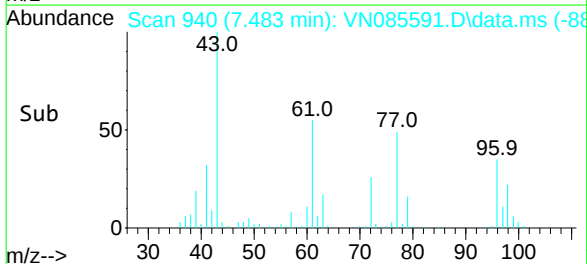
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



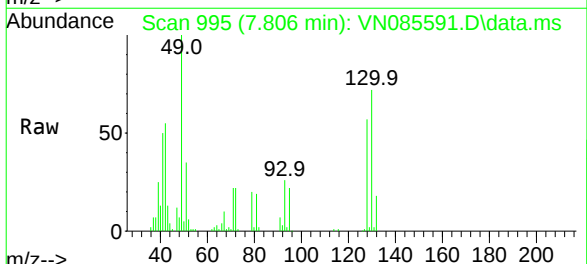
Tgt Ion:	96	Resp:	126248
Ion	Ratio	Lower	Upper
96	100		
61	158.7	0.0	311.8
98	64.9	0.0	126.0

Manual Integrations
 APPROVED

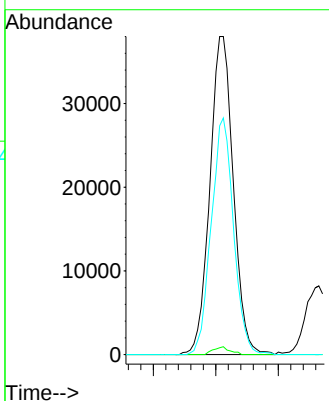
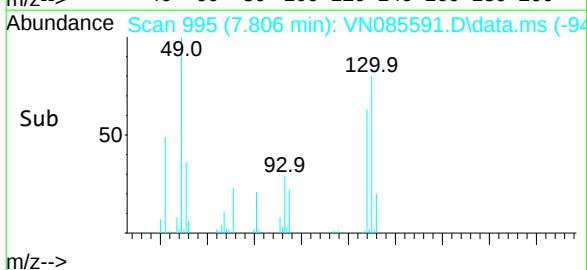
Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025

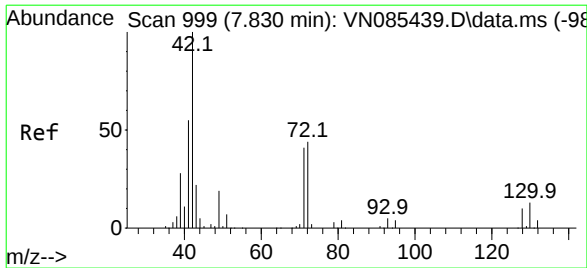


#28
 Bromochloromethane
 Concen: 47.443 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085591.D
 Acq: 31 Jan 2025 10:04



Tgt Ion:	49	Resp:	98995
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	70.9	55.0	82.4





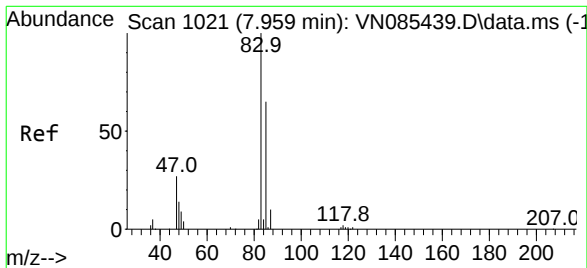
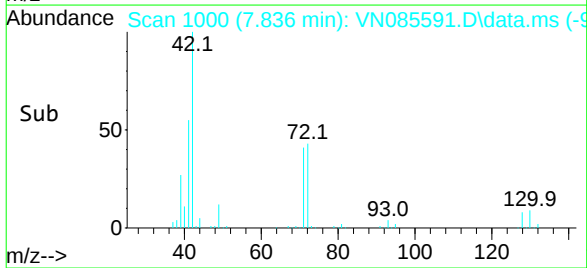
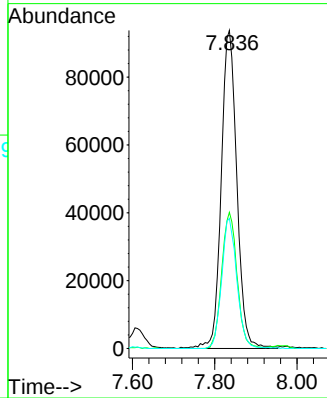
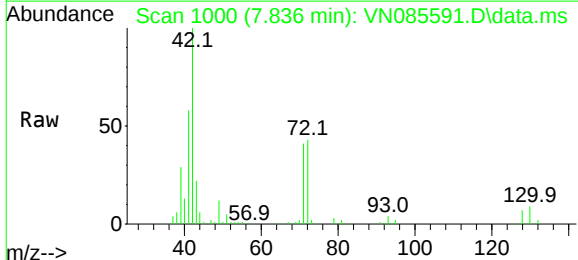
#29
Tetrahydrofuran
Concen: 266.707 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 246967
Ion Ratio Lower Upper
42 100
72 42.1 34.2 51.2
71 39.9 32.5 48.7

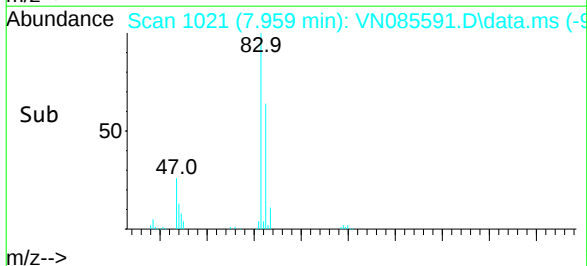
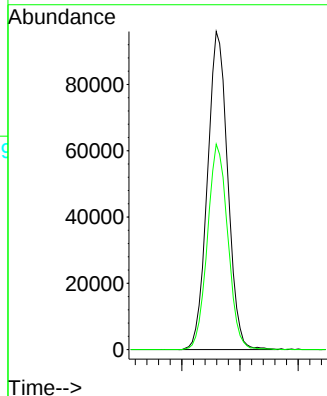
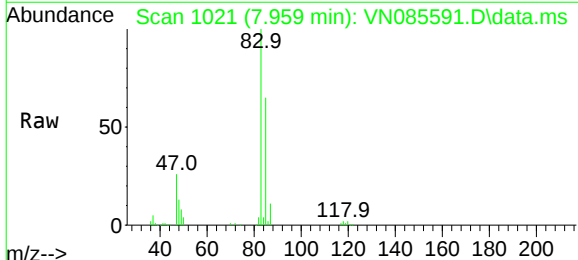
Manual Integrations
APPROVED

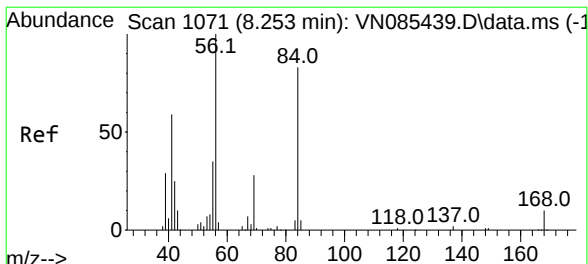
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#30
Chloroform
Concen: 50.126 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

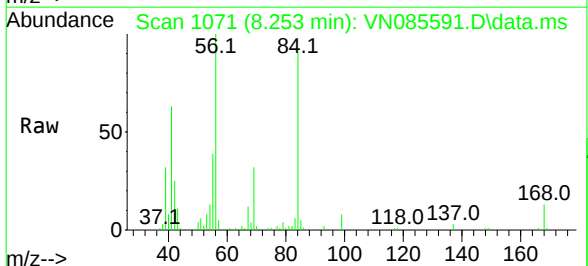
Tgt Ion: 83 Resp: 232358
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.6





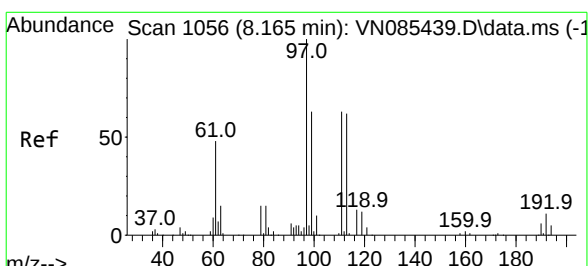
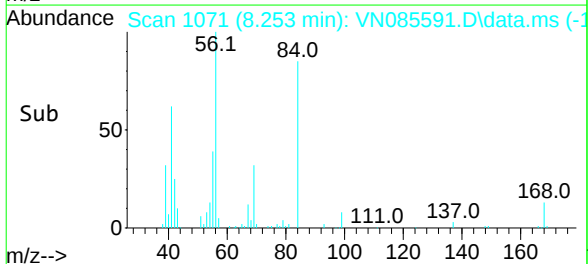
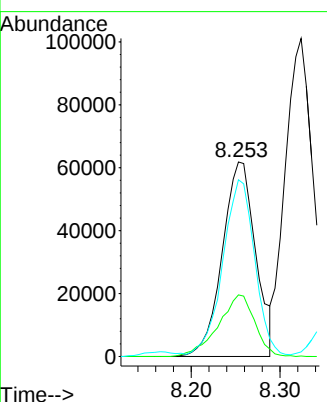
#31
Cyclohexane
Concen: 41.402 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



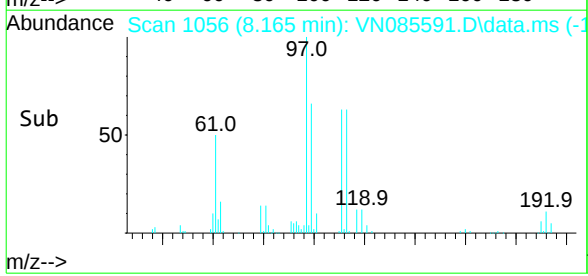
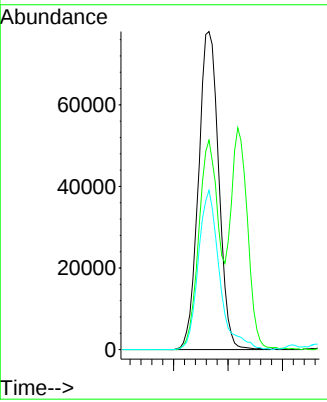
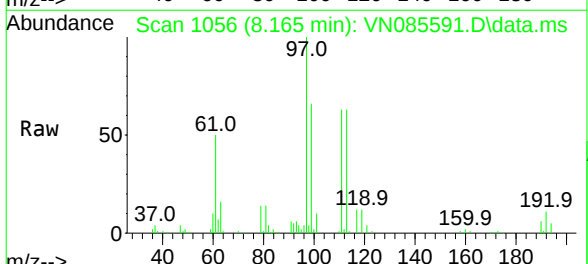
Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.7	22.2	33.4
84	89.1	66.4	99.6

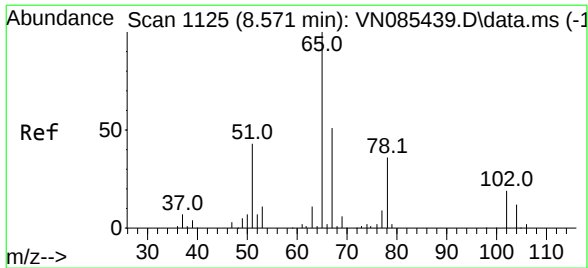
Manual Integrations
APPROVED
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#32
1,1,1-Trichloroethane
Concen: 49.666 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

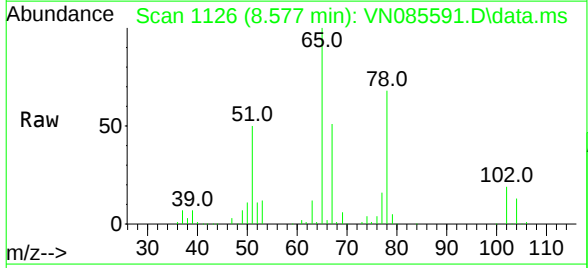
Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	49.8	74.6
61	52.3	41.4	62.2





#33
 1,2-Dichloroethane-d4
 Concen: 49.634 ug/l
 RT: 8.577 min Scan# 111
 Delta R.T. 0.006 min
 Lab File: VN085591.D
 Acq: 31 Jan 2025 10:04

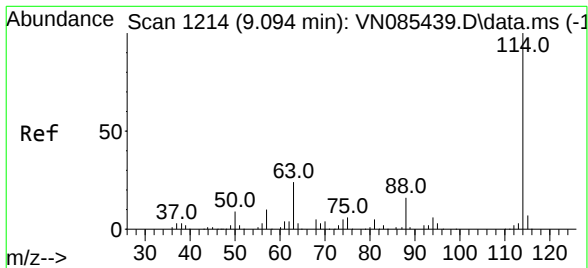
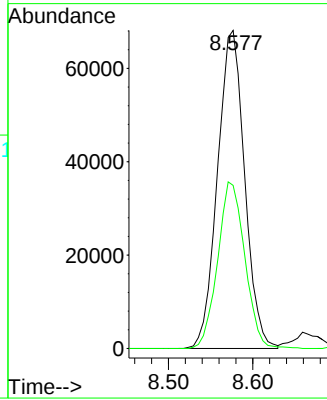
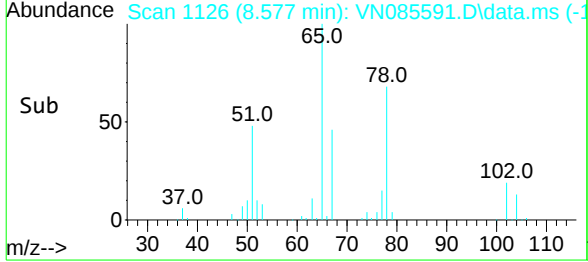
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



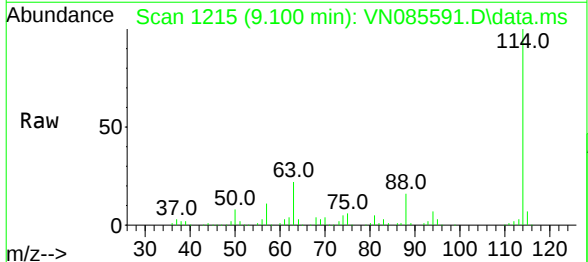
Tgt Ion: 65 Resp: 152459
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.6

Manual Integrations
 APPROVED

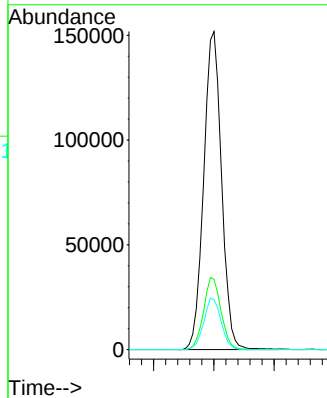
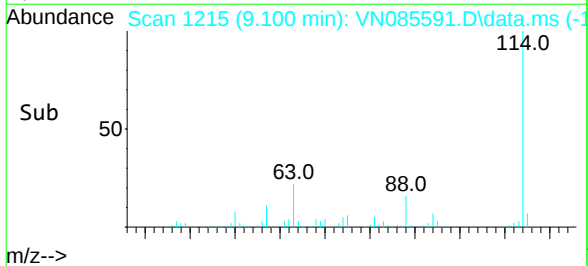
Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025

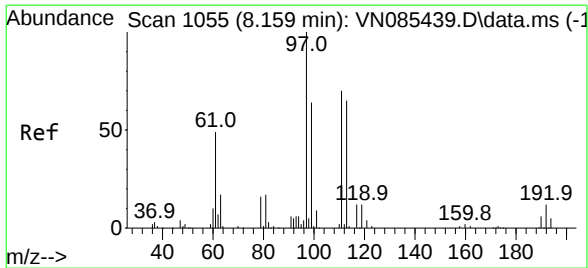


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085591.D
 Acq: 31 Jan 2025 10:04



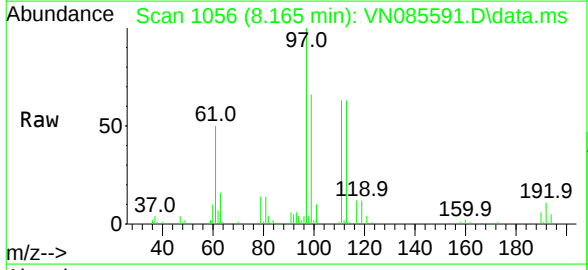
Tgt Ion:114 Resp: 311950
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 47.6
 88 15.7 0.0 32.6





#35
 Dibromofluoromethane
 Concen: 53.927 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085591.D
 Acq: 31 Jan 2025 10:04

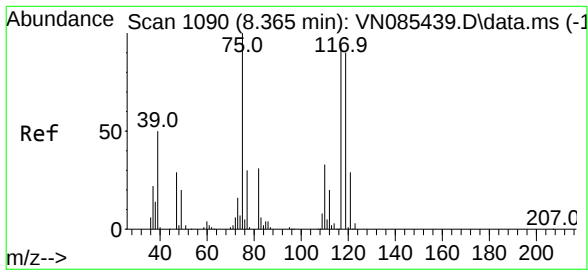
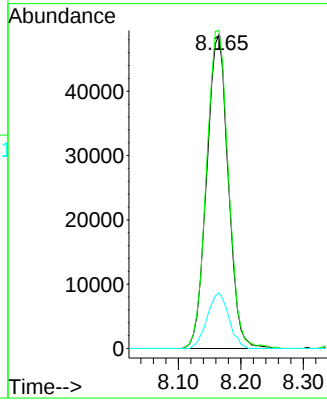
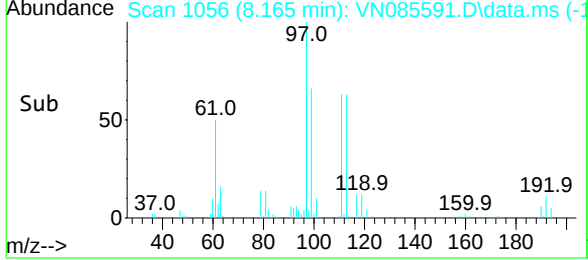
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:	113	Resp:	116708
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	17.8	14.3	21.5

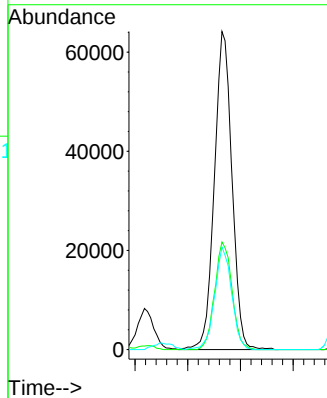
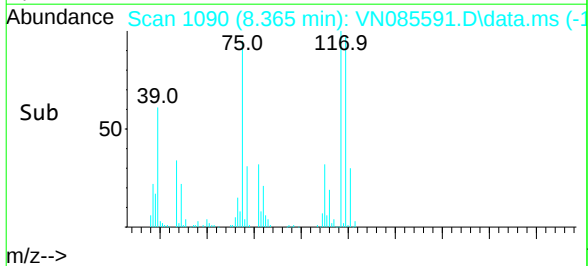
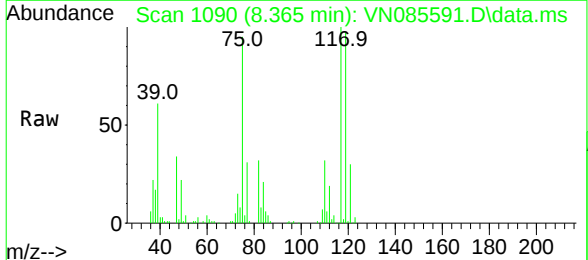
Manual Integrations
 APPROVED

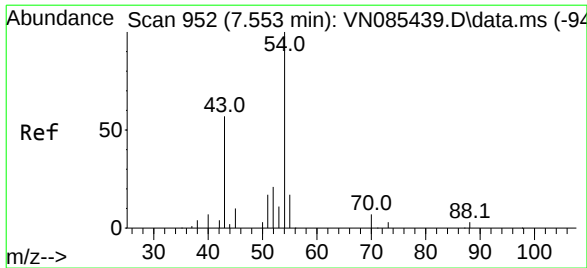
Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025



#36
 1,1-Dichloropropene
 Concen: 49.002 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VN085591.D
 Acq: 31 Jan 2025 10:04

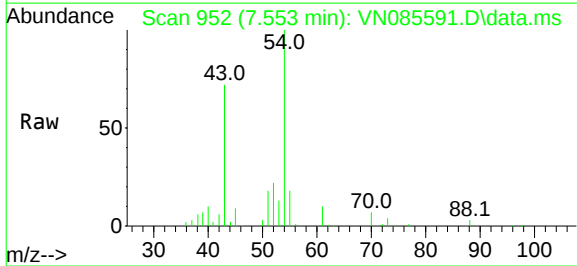
Tgt Ion:	75	Resp:	148837
Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.5	49.5
77	31.1	24.4	36.6





#37
Ethyl Acetate
Concen: 49.505 ug/l
RT: 7.553 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

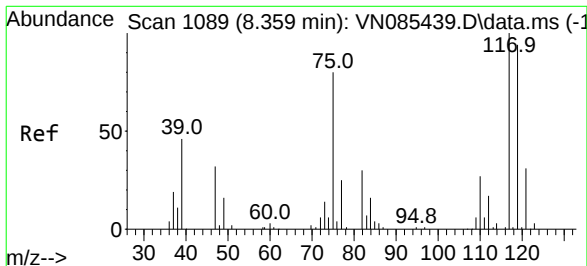
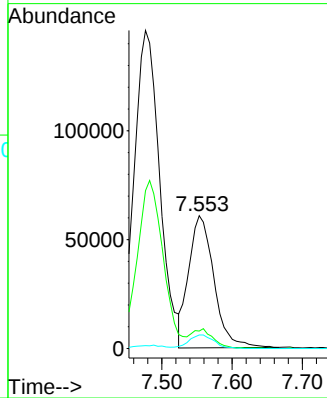
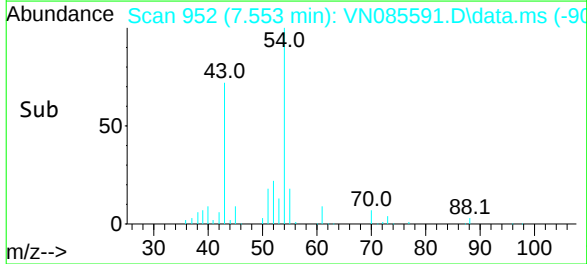
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



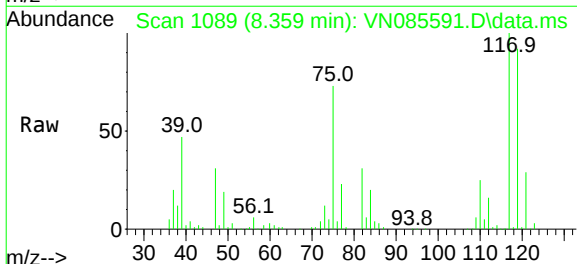
Tgt Ion: 43 Resp: 151771
Ion Ratio Lower Upper
43 100
61 12.0 10.9 16.3
70 10.2 7.5 11.3

Manual Integrations
APPROVED

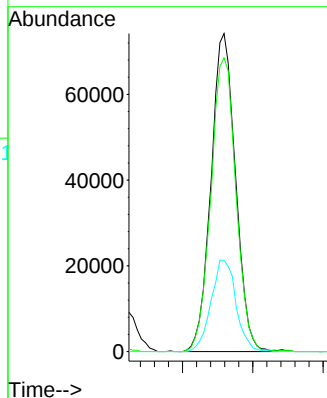
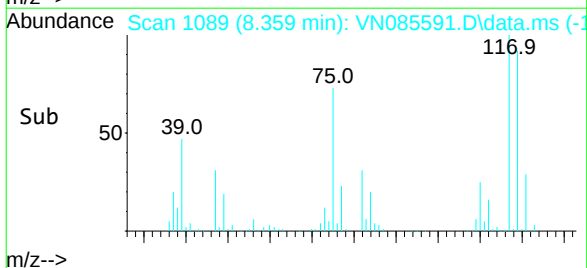
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

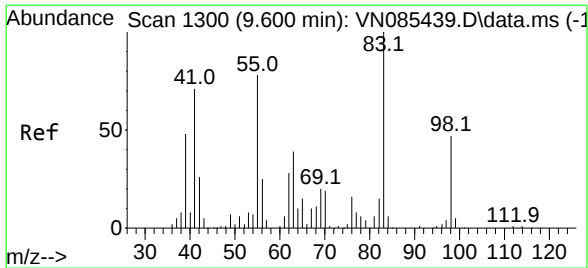


#38
Carbon Tetrachloride
Concen: 51.696 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04



Tgt Ion:117 Resp: 179763
Ion Ratio Lower Upper
117 100
119 92.4 75.4 113.2
121 28.7 24.6 37.0





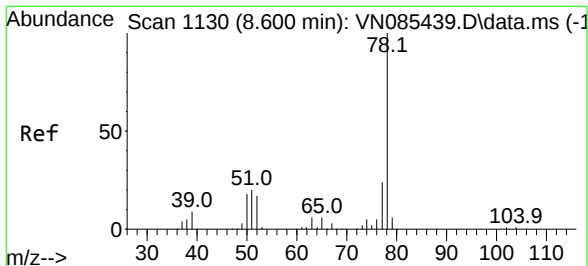
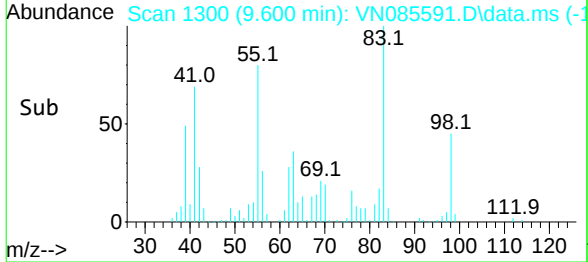
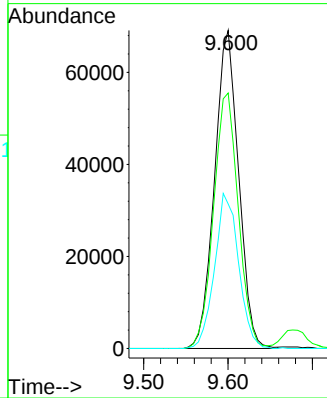
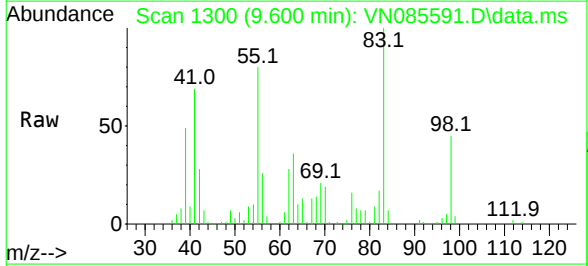
#39
Methylcyclohexane
Concen: 47.944 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 136843
Ion Ratio Lower Upper
83 100
55 80.3 62.6 94.0
98 45.5 37.7 56.5

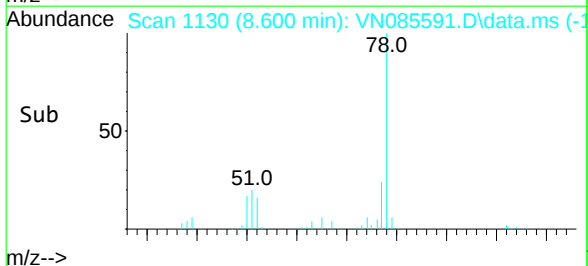
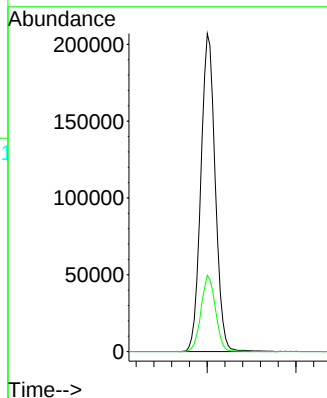
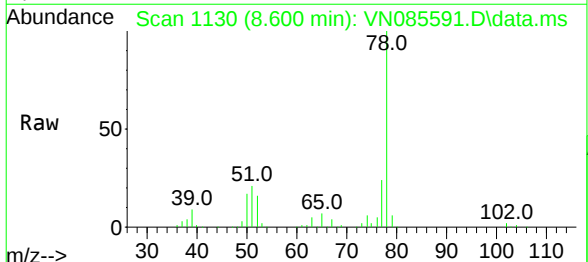
Manual Integrations
APPROVED

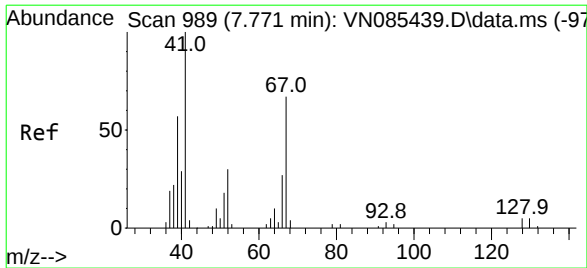
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#40
Benzene
Concen: 50.976 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Tgt Ion: 78 Resp: 465224
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





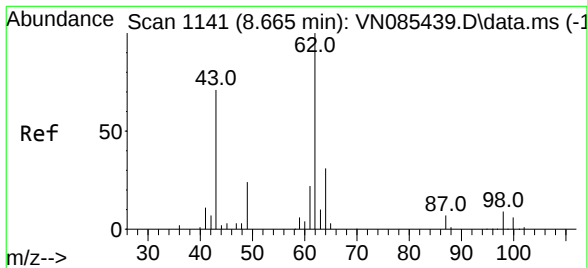
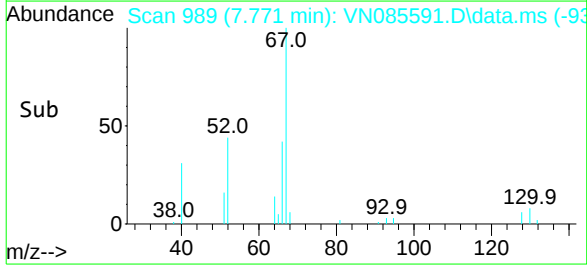
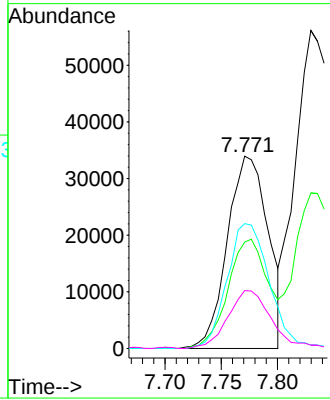
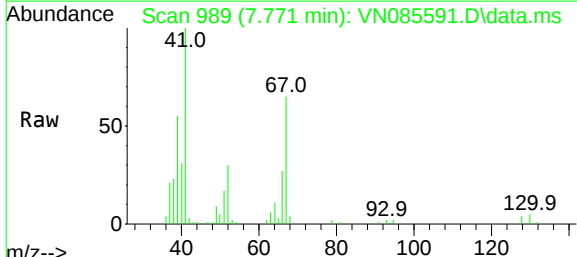
#41
Methacrylonitrile
Concen: 53.528 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	85378
Ion	Ratio	Lower	Upper
41	100		
39	56.2	46.0	69.0
67	67.9	57.4	86.2
52	32.0	25.5	38.3

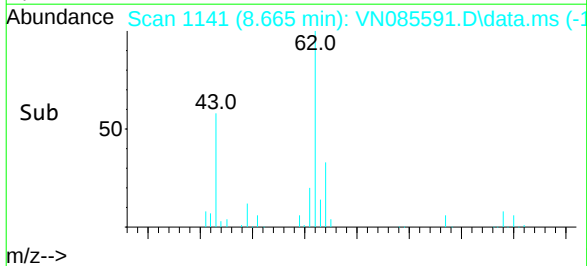
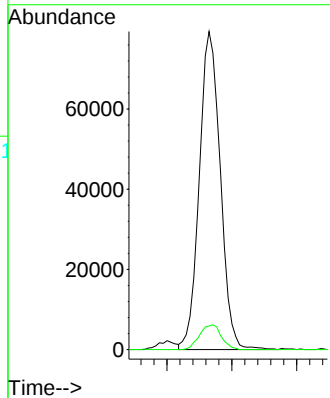
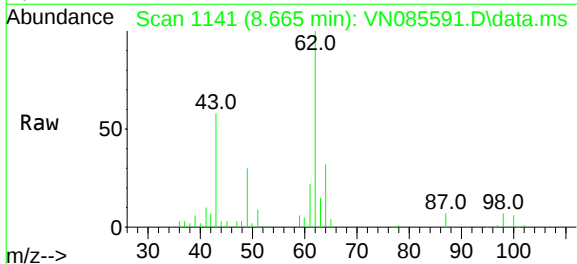
Manual Integrations
APPROVED

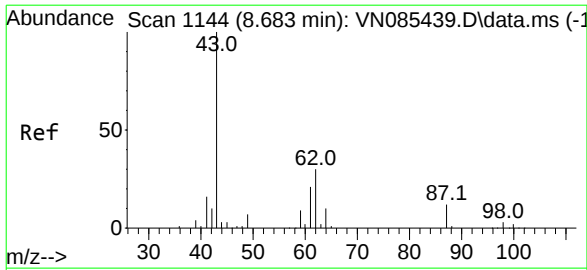
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#42
1,2-Dichloroethane
Concen: 51.851 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Tgt Ion:	62	Resp:	178224
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0





#43

Isopropyl Acetate

Concen: 52.309 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 256966

Ion Ratio Lower Upper

43 100

61 25.5 20.7 31.1

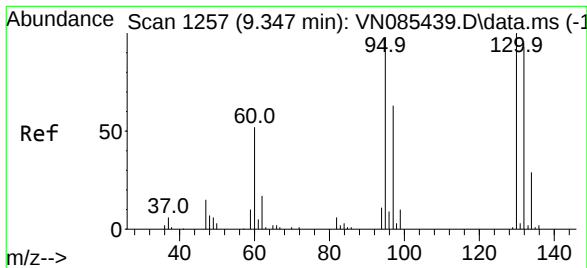
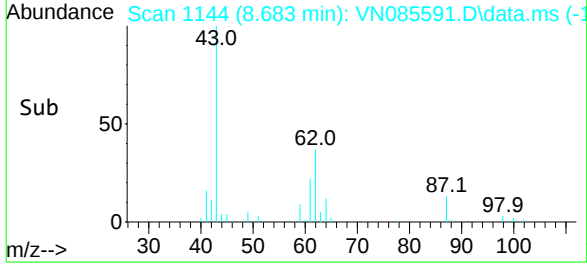
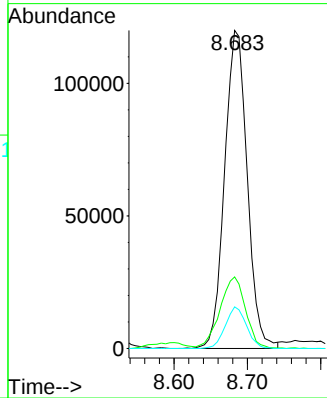
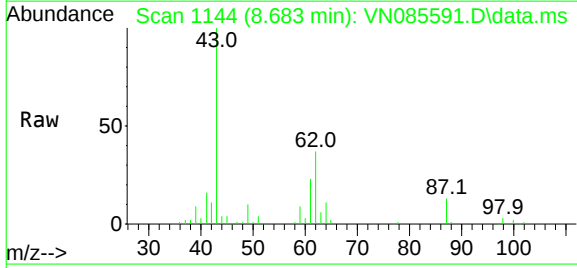
87 12.2 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#44

Trichloroethene

Concen: 49.486 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN085591.D

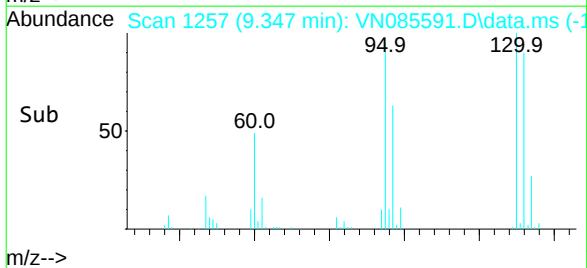
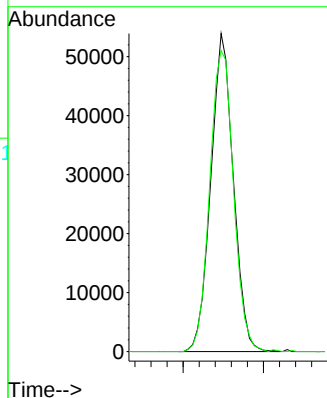
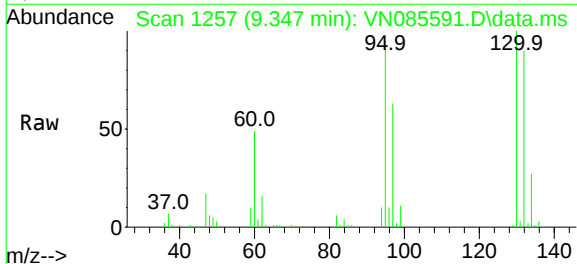
Acq: 31 Jan 2025 10:04

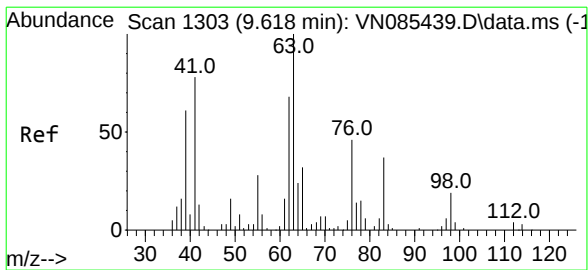
Tgt Ion:130 Resp: 105127

Ion Ratio Lower Upper

130 100

95 94.6 0.0 195.8





#45

1,2-Dichloropropane

Concen: 51.880 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 120938

Ion Ratio Lower Upper

63 100

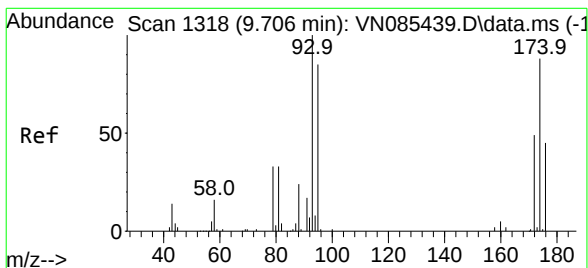
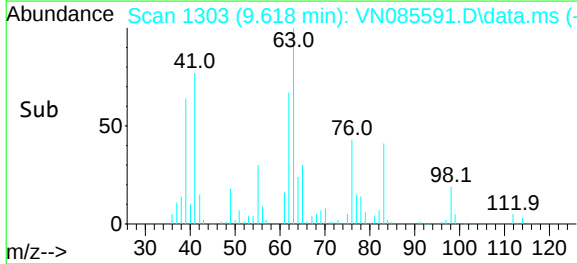
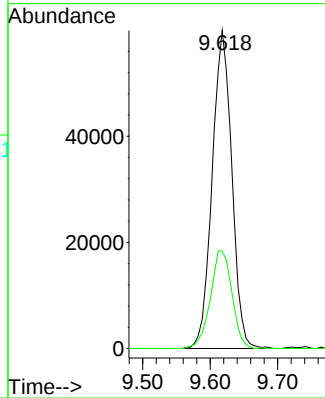
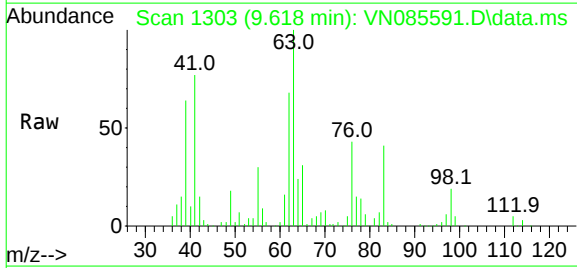
65 30.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#46

Dibromomethane

Concen: 50.884 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

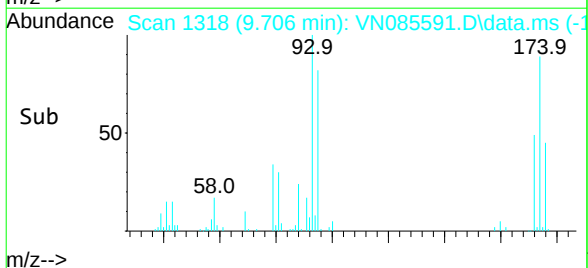
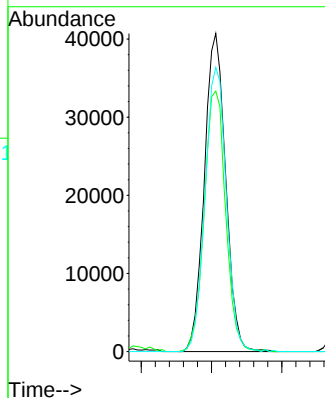
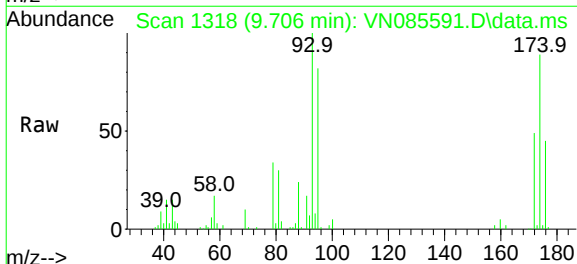
Tgt Ion: 93 Resp: 85588

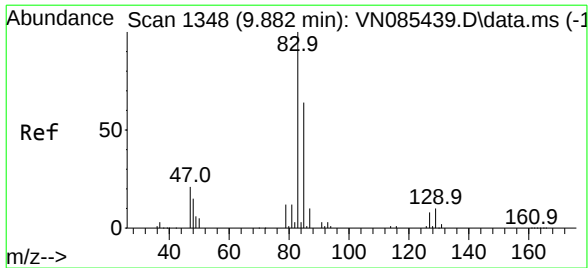
Ion Ratio Lower Upper

93 100

95 82.6 64.7 97.1

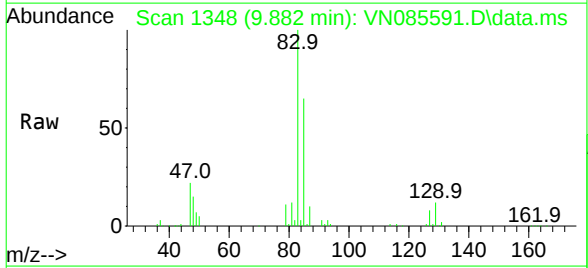
174 89.5 69.0 103.4





#47
Bromodichloromethane
Concen: 54.191 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

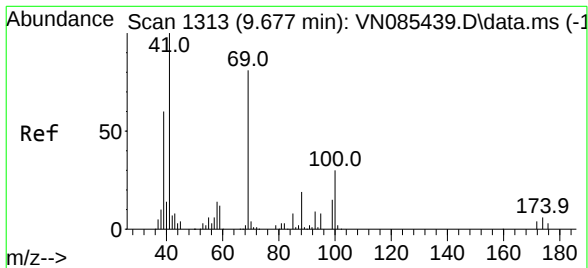
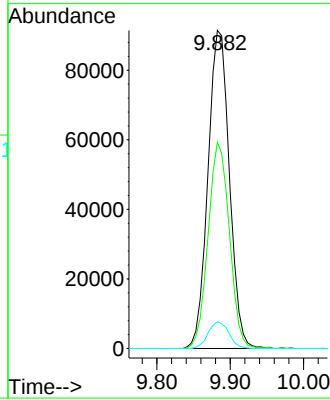
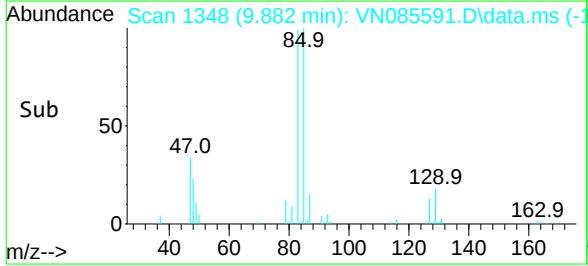
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 185704
Ion Ratio Lower Upper
83 100
85 64.9 51.2 76.8
127 8.4 6.5 9.7

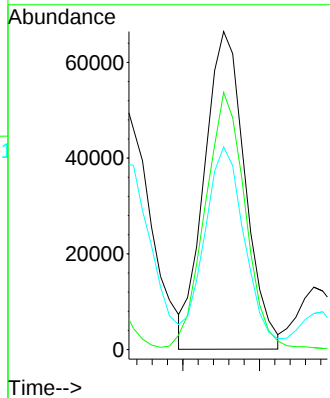
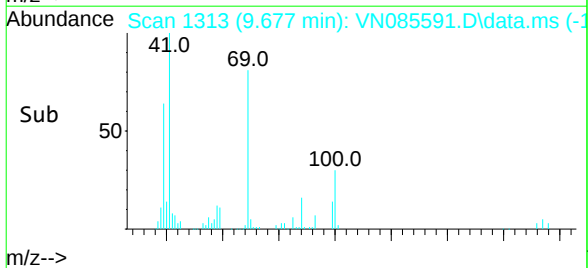
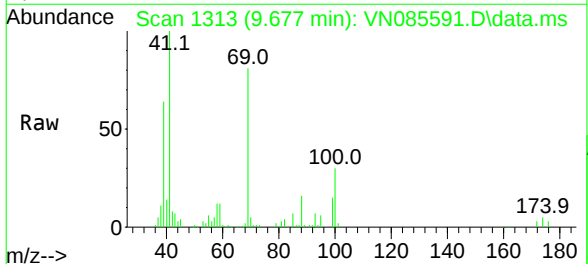
Manual Integrations
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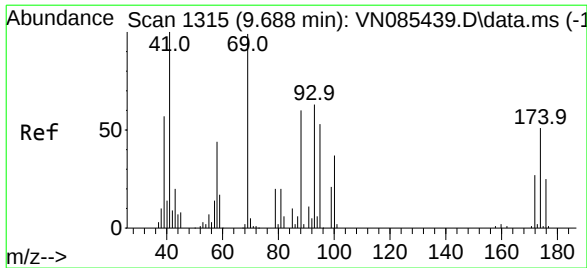
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#48
Methyl methacrylate
Concen: 55.425 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

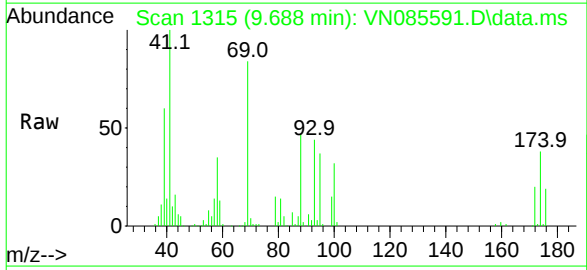
Tgt Ion: 41 Resp: 122530
Ion Ratio Lower Upper
41 100
69 80.3 64.7 97.1
39 63.2 49.0 73.6





#49
1,4-Dioxane
Concen: 1082.516 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

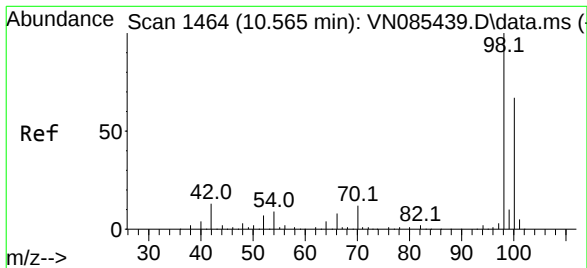
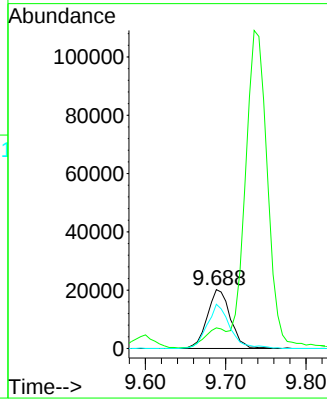
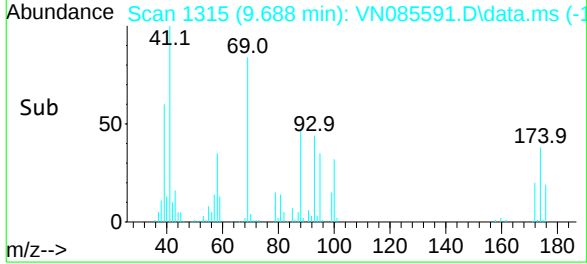
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 40300
Ion Ratio Lower Upper
88 100
43 31.2 26.6 39.8
58 74.6 59.5 89.3

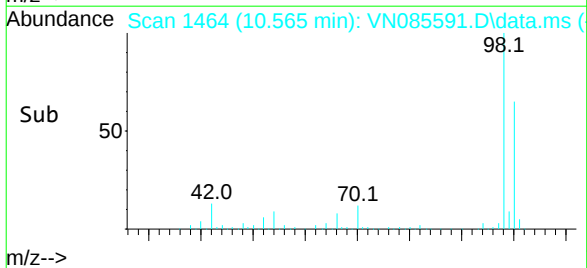
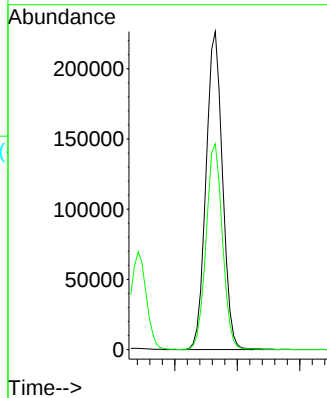
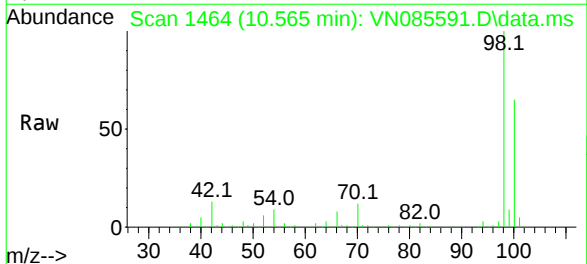
Manual Integrations
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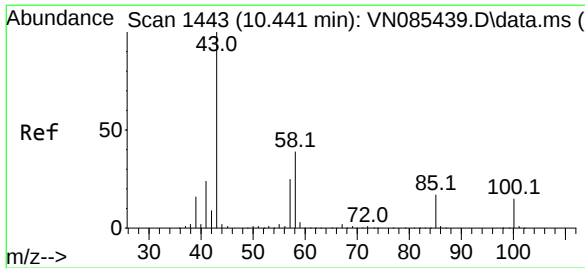
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#50
Toluene-d8
Concen: 54.021 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Tgt Ion: 98 Resp: 415377
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4





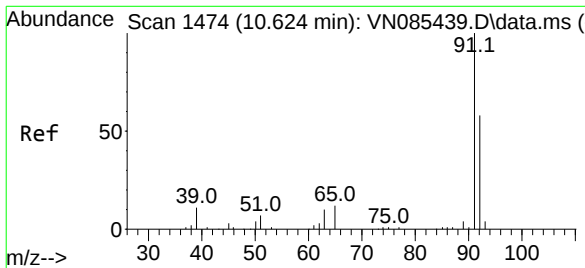
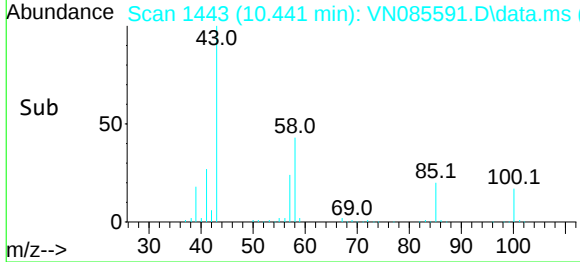
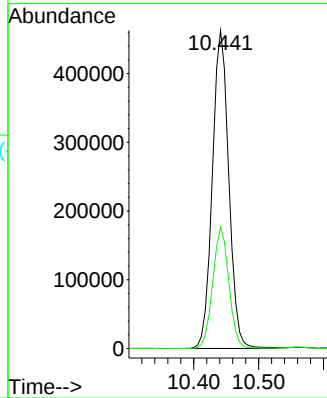
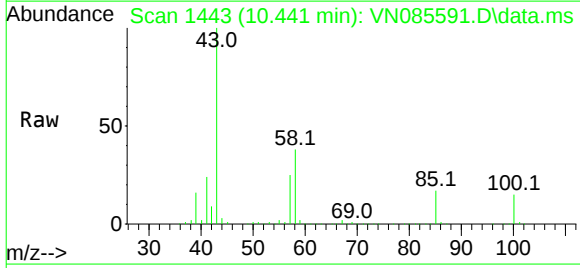
#51
4-Methyl-2-Pentanone
Concen: 285.284 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 813239
Ion Ratio Lower Upper
43 100
58 37.5 30.5 45.7

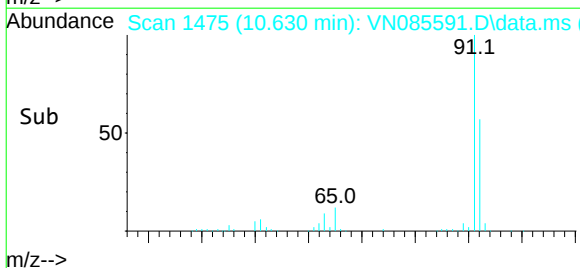
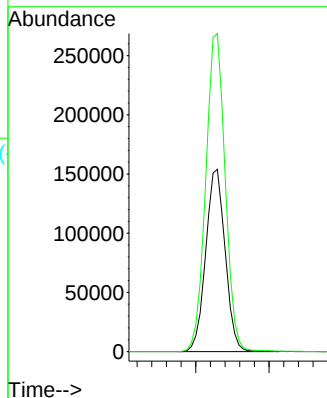
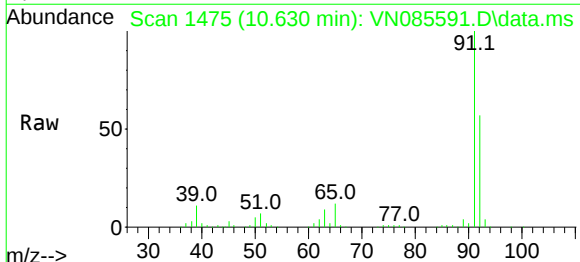
Manual Integrations
APPROVED

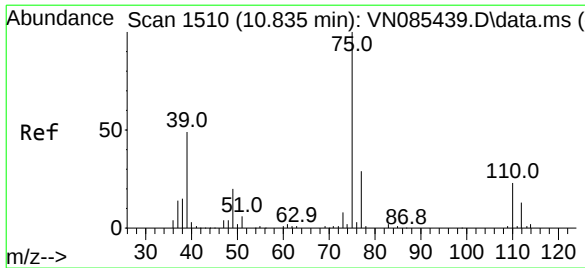
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#52
Toluene
Concen: 53.686 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

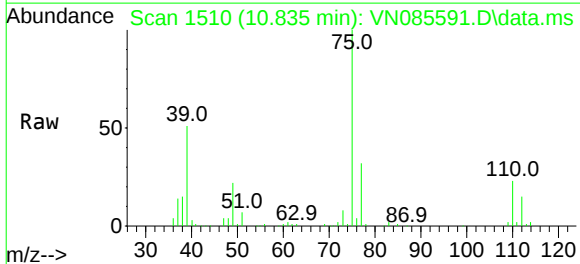
Tgt Ion: 92 Resp: 283889
Ion Ratio Lower Upper
92 100
91 175.0 139.2 208.8





#53
 t-1,3-Dichloropropene
 Concen: 54.277 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN085591.D
 Acq: 31 Jan 2025 10:04

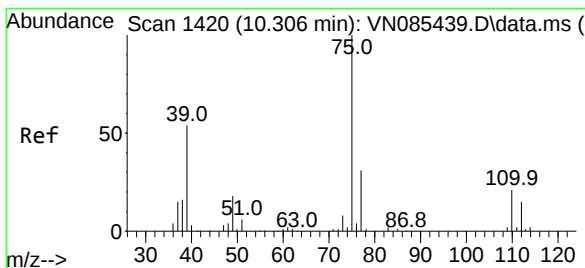
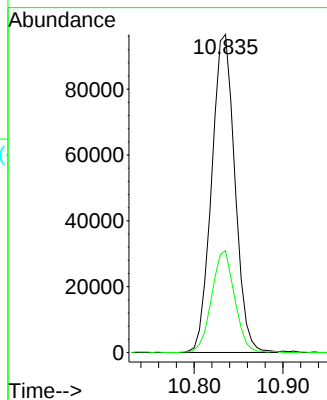
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 175773
 Ion Ratio Lower Upper
 75 100
 77 32.1 23.5 35.3

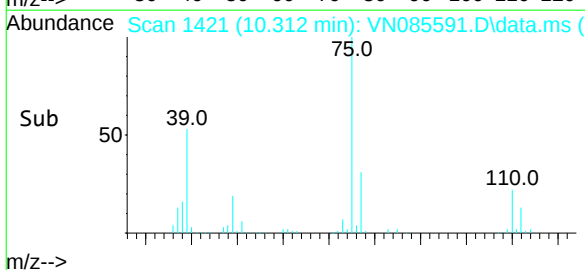
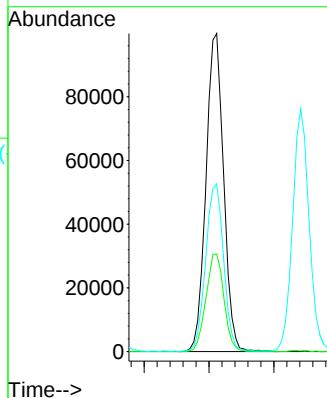
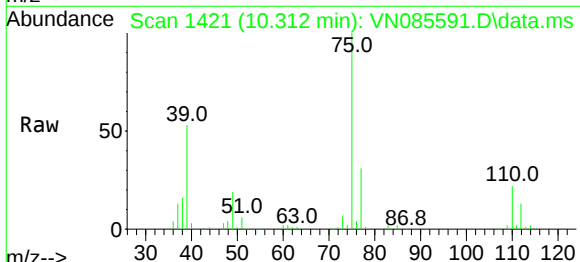
Manual Integrations
 APPROVED

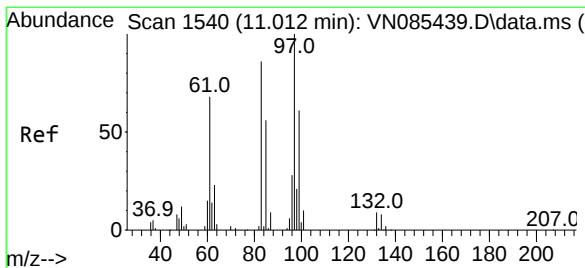
Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025



#54
 cis-1,3-Dichloropropene
 Concen: 54.468 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085591.D
 Acq: 31 Jan 2025 10:04

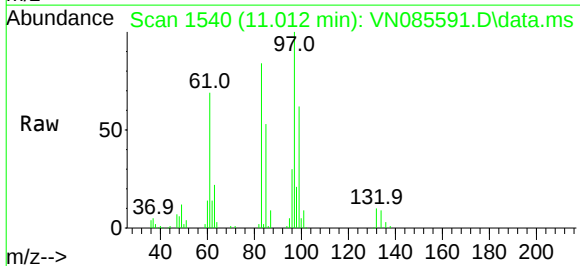
Tgt Ion: 75 Resp: 188416
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.4
 39 52.8 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 54.314 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

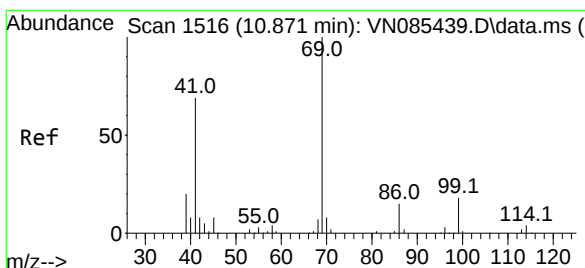
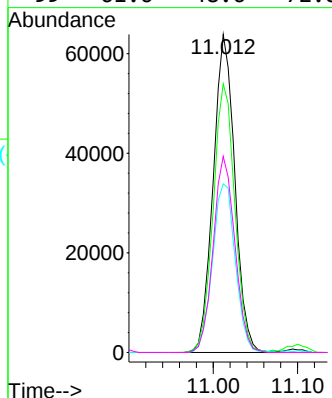
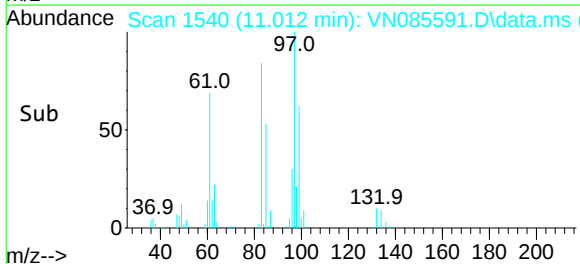
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



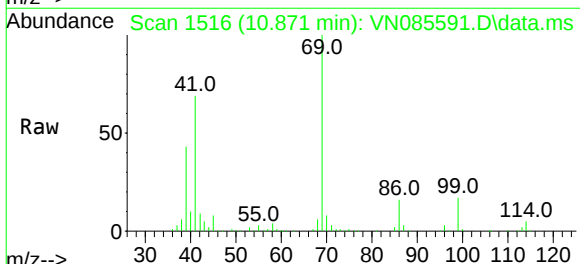
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.0	103.6
85	53.0	44.6	66.8
99	61.6	48.6	72.8

Manual Integrations
APPROVED

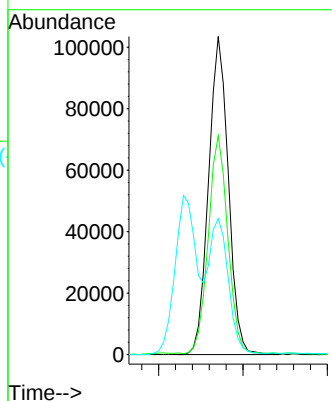
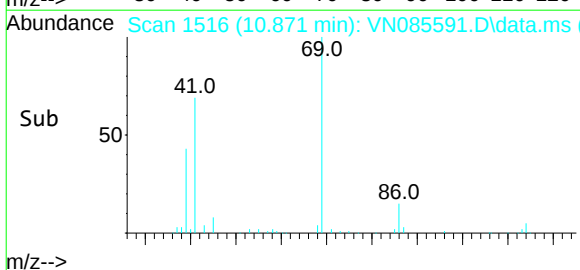
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

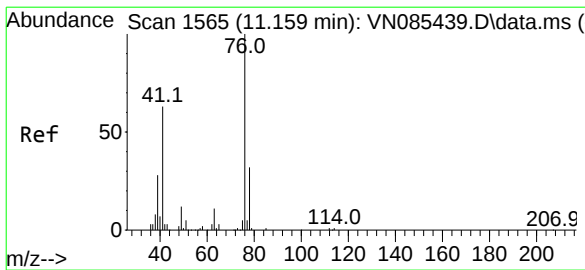


#56
Ethyl methacrylate
Concen: 47.979 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04



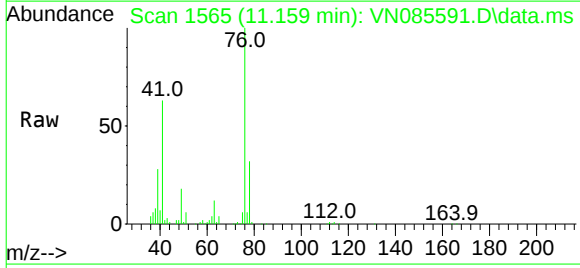
Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.6	82.0
39	40.9	32.4	48.6





#57
1,3-Dichloropropane
Concen: 53.898 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

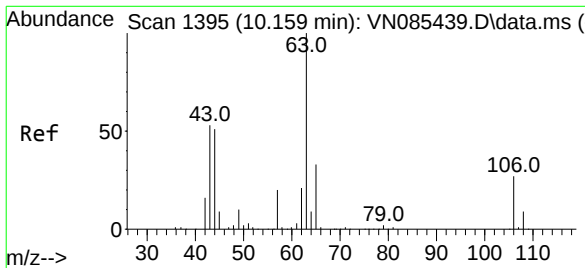
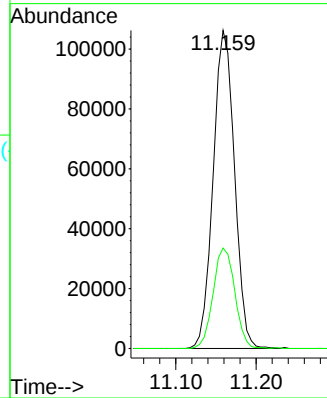
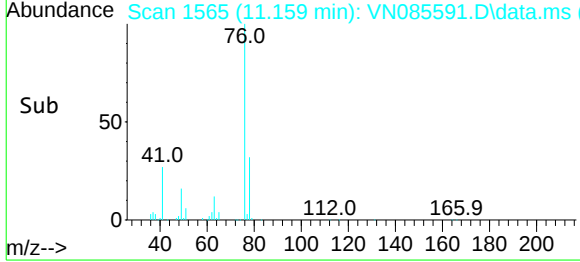
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 196125
Ion Ratio Lower Upper
76 100
78 32.1 25.6 38.4

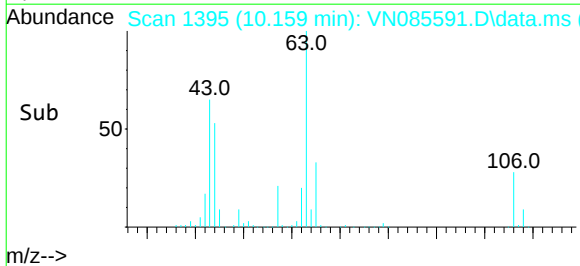
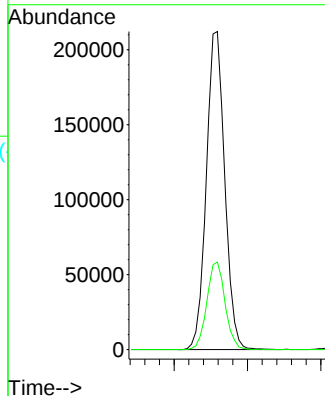
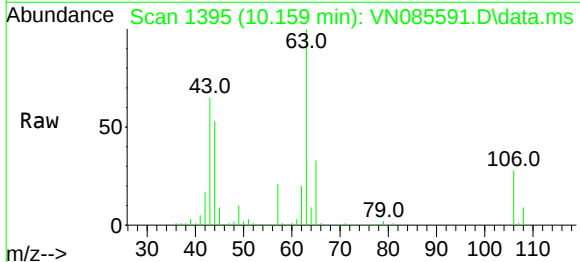
Manual Integrations
APPROVED

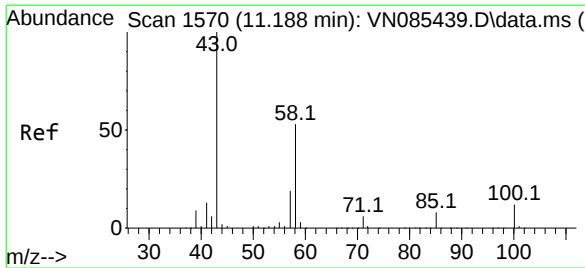
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 278.261 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Tgt Ion: 63 Resp: 369534
Ion Ratio Lower Upper
63 100
106 27.2 21.6 32.4





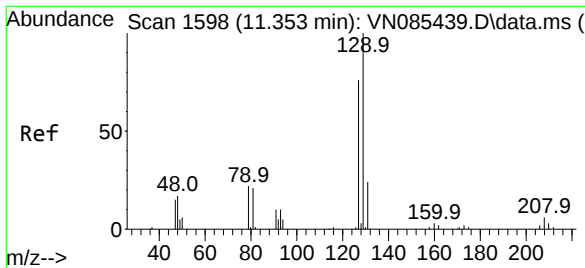
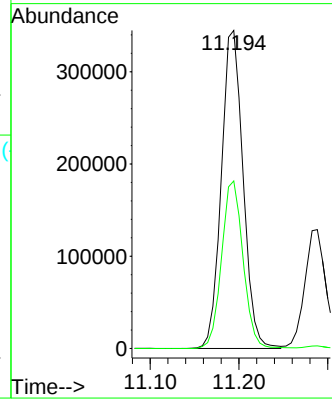
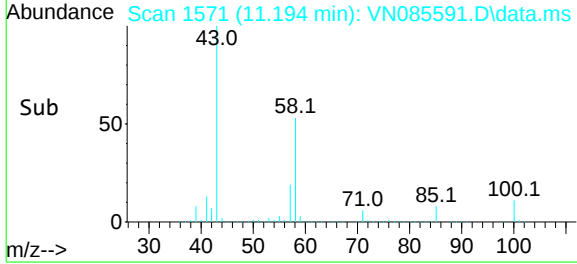
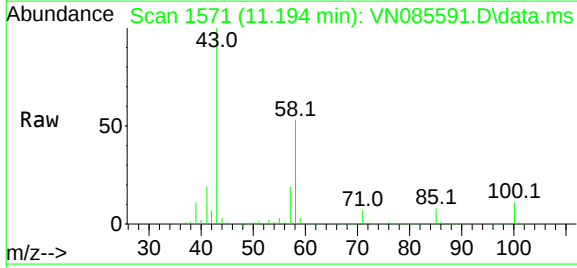
#59
2-Hexanone
Concen: 292.282 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 586256
Ion Ratio Lower Upper
43 100
58 52.2 26.2 78.6

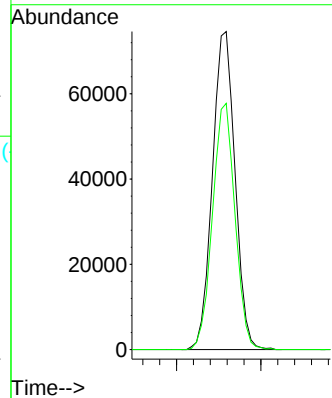
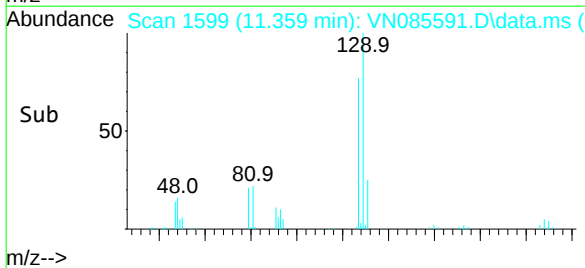
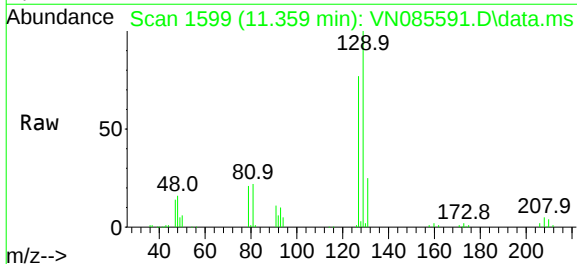
Manual Integrations
APPROVED

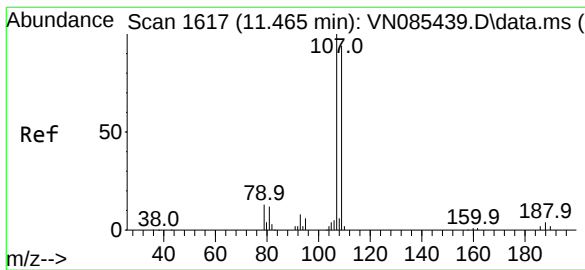
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#60
Dibromochloromethane
Concen: 55.058 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Tgt Ion:129 Resp: 139102
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





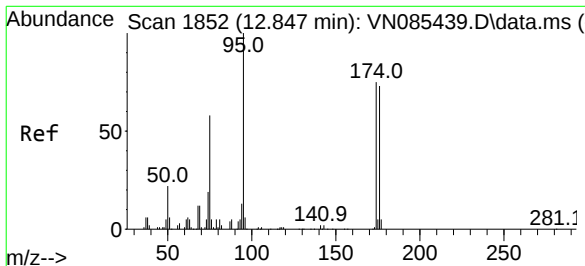
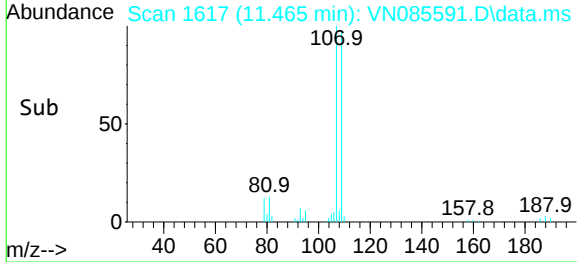
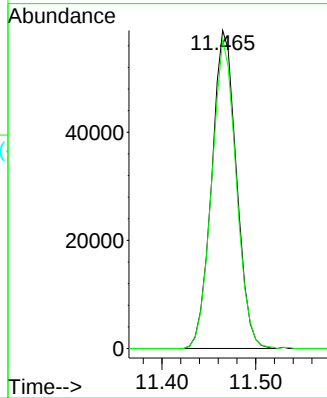
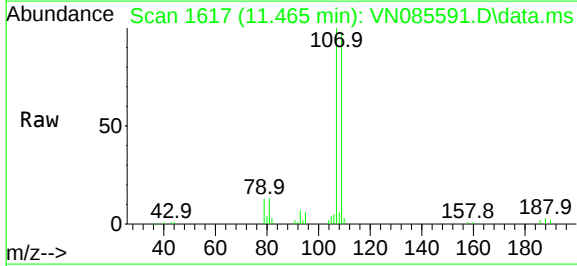
#61
1,2-Dibromoethane
Concen: 51.584 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 107453
Ion Ratio Lower Upper
107 100
109 96.1 75.9 113.9

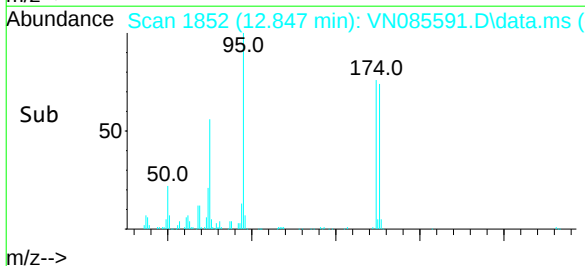
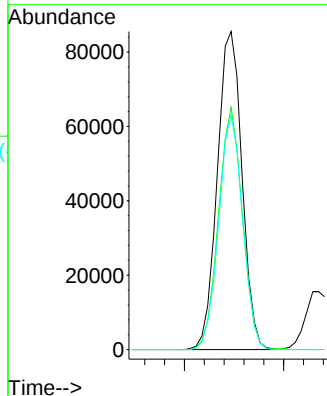
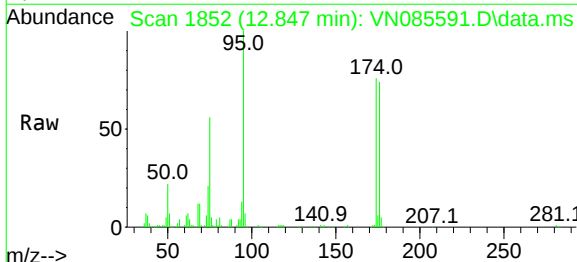
Manual Integrations
APPROVED

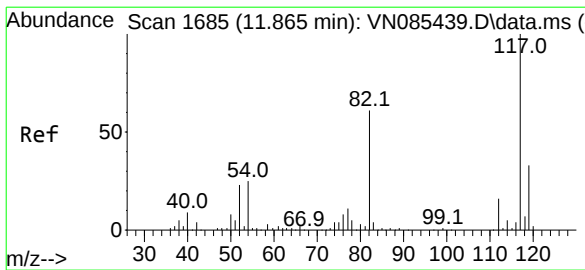
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#62
4-Bromofluorobenzene
Concen: 56.078 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Tgt Ion: 95 Resp: 147501
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.0
176 71.4 0.0 142.4





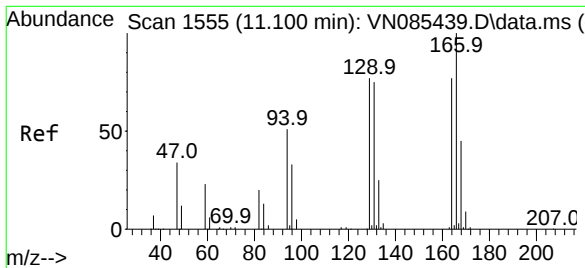
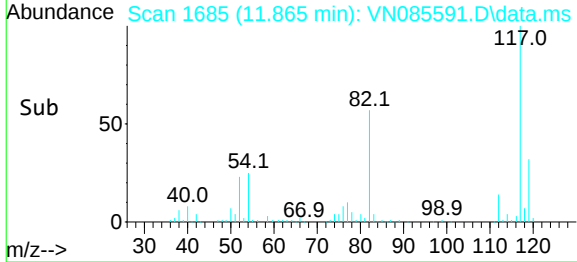
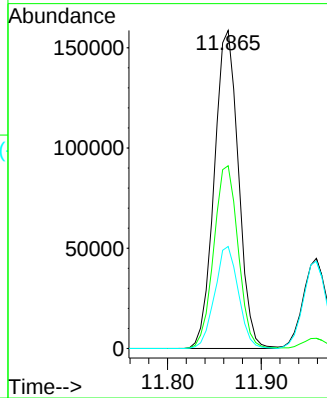
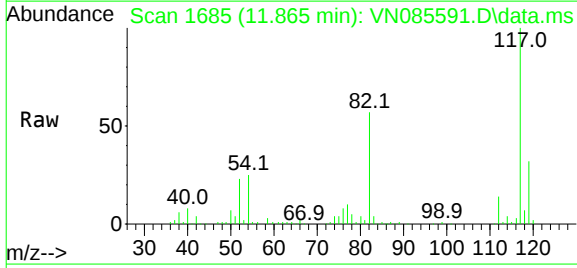
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	117	Resp:	284481
Ion Ratio	Lower	Upper	
117	100		
82	57.5	48.6	72.8
119	32.1	26.6	39.8

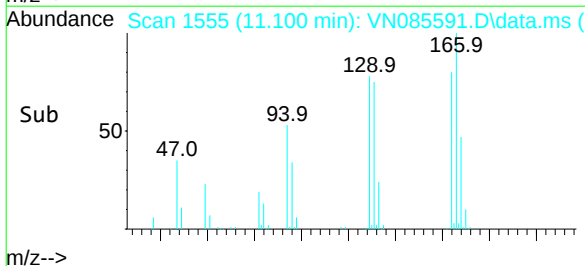
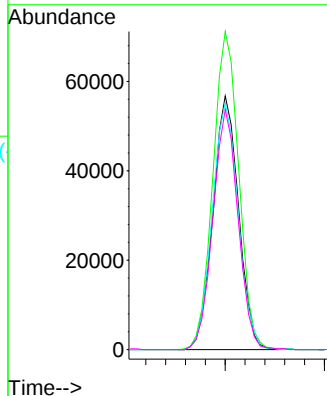
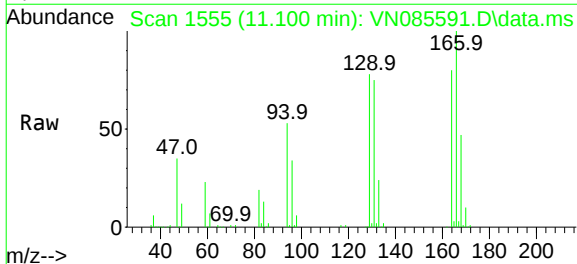
Manual Integrations
APPROVED

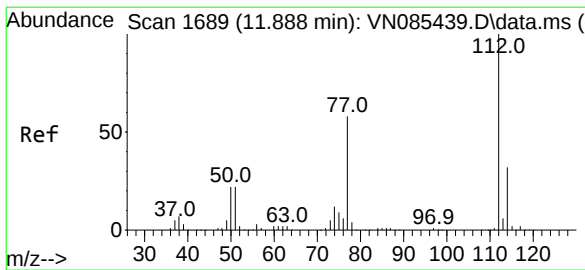
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#64
Tetrachloroethene
Concen: 52.413 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Tgt Ion:	164	Resp:	101650
Ion Ratio	Lower	Upper	
164	100		
166	125.4	103.4	155.2
129	97.3	79.2	118.8
131	94.6	77.1	115.7





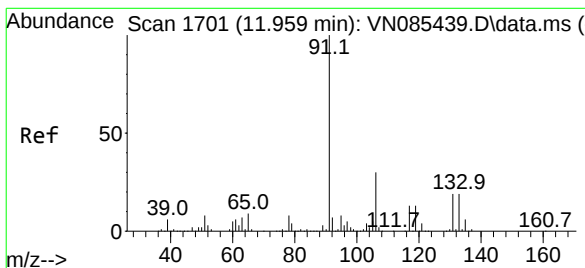
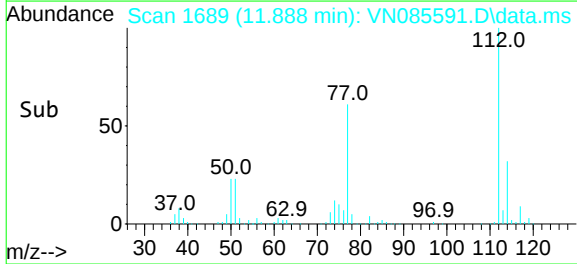
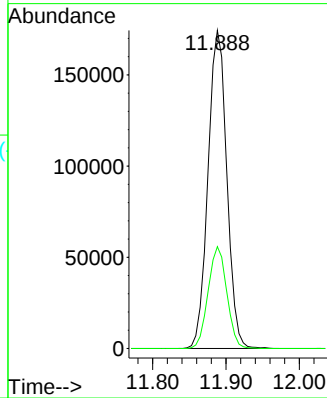
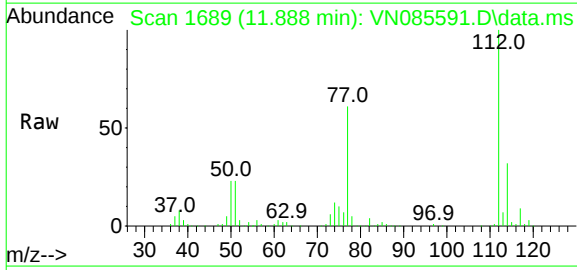
#65
Chlorobenzene
Concen: 49.786 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 310267
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

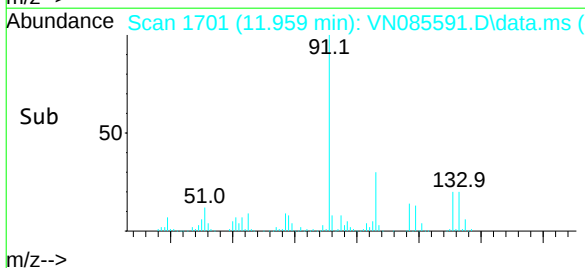
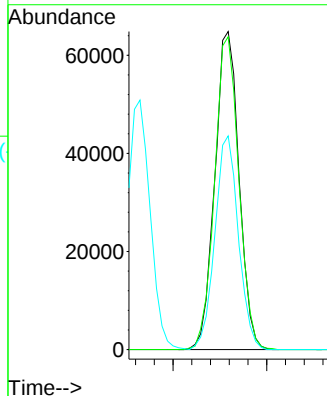
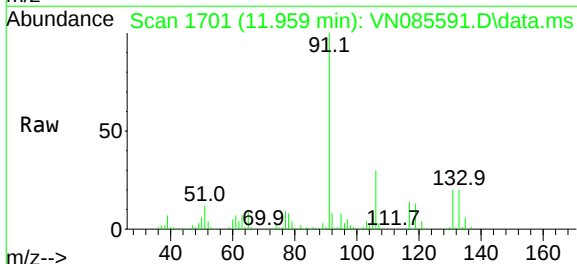
Manual Integrations
APPROVED

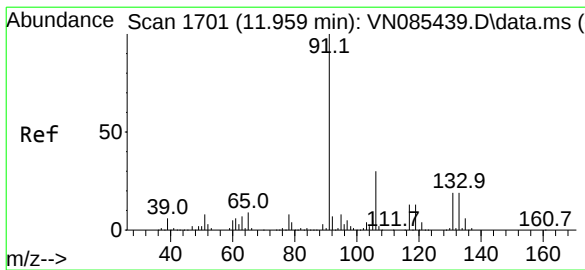
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.764 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Tgt Ion:131 Resp: 116111
Ion Ratio Lower Upper
131 100
133 98.4 47.4 142.3
119 65.3 33.1 99.5





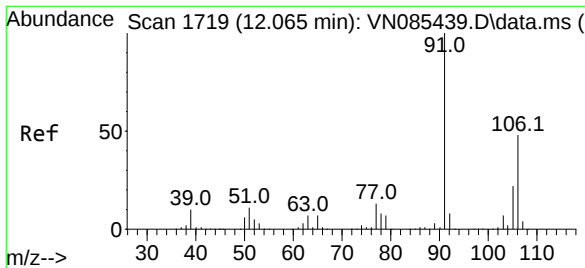
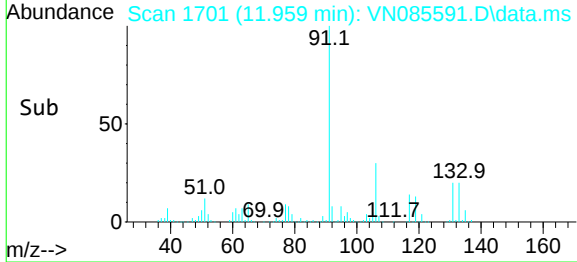
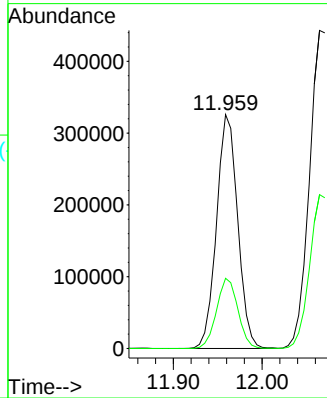
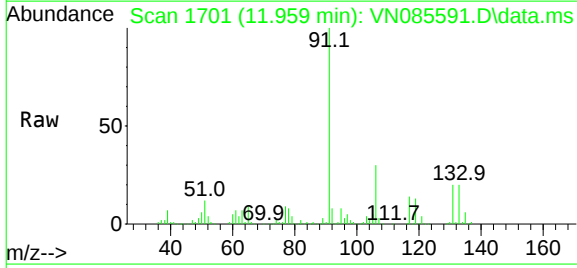
#67
Ethyl Benzene
Concen: 53.184 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 539837
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8

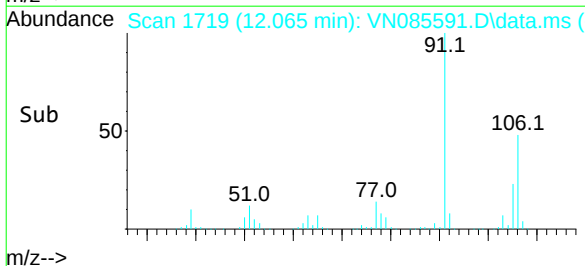
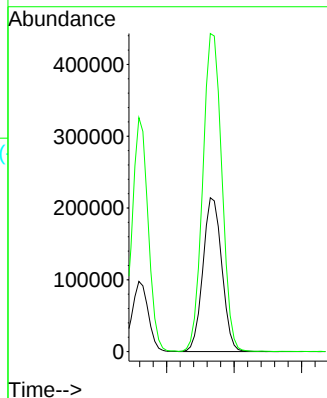
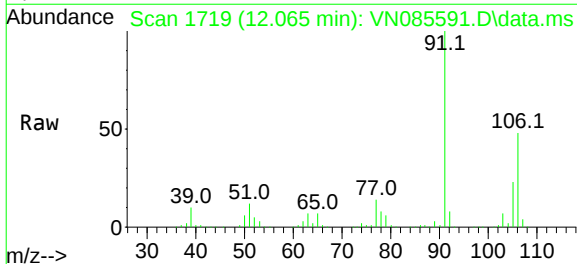
Manual Integrations
APPROVED

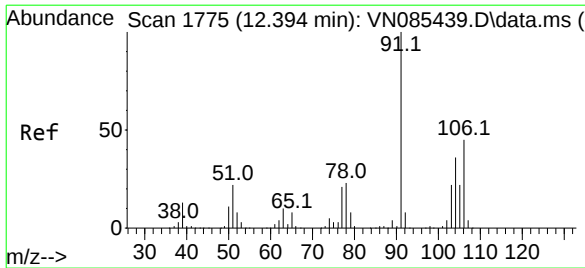
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#68
m/p-Xylenes
Concen: 111.234 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Tgt Ion:106 Resp: 417283
Ion Ratio Lower Upper
106 100
91 208.0 167.7 251.5





#69

o-Xylene

Concen: 54.671 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 196000

Ion Ratio Lower Upper

106 100

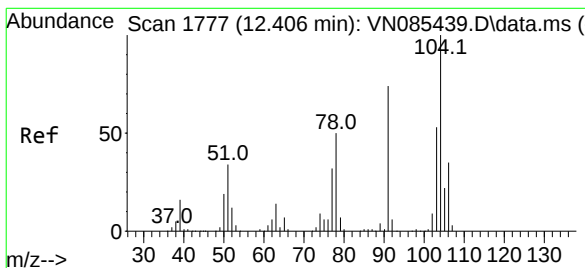
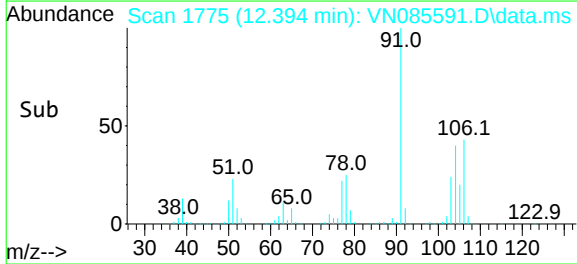
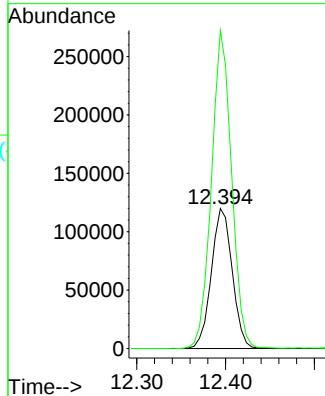
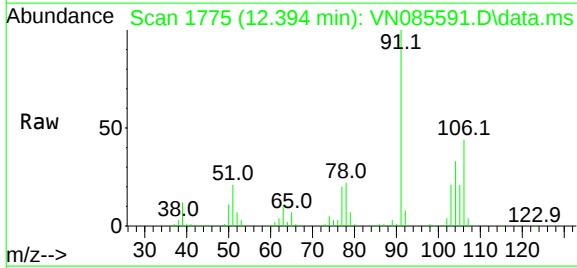
91 219.3 110.4 331.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#70

Styrene

Concen: 58.039 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

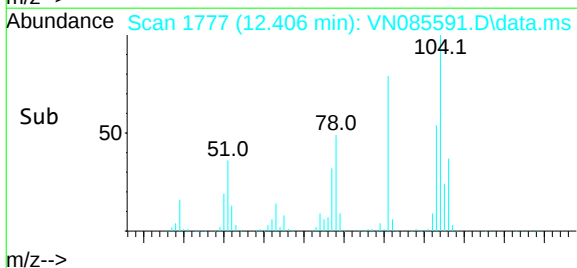
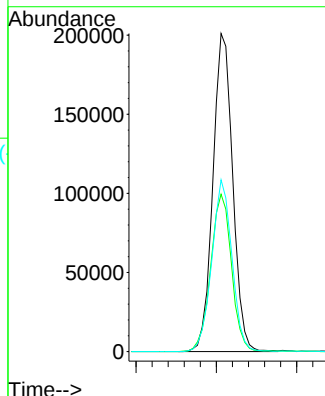
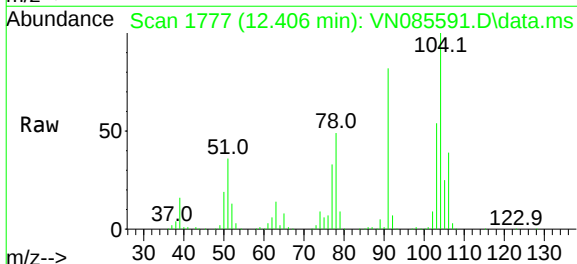
Tgt Ion:104 Resp: 344358

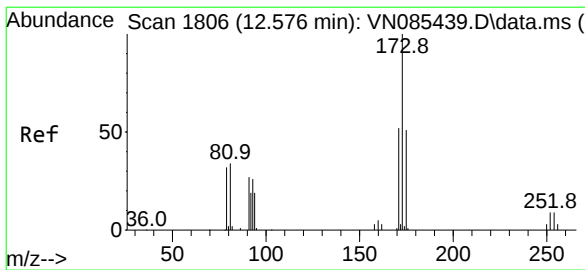
Ion Ratio Lower Upper

104 100

78 52.0 42.5 63.7

103 55.0 43.8 65.8





#71

Bromoform

Concen: 55.254 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

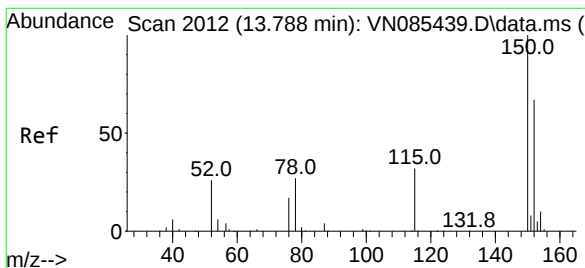
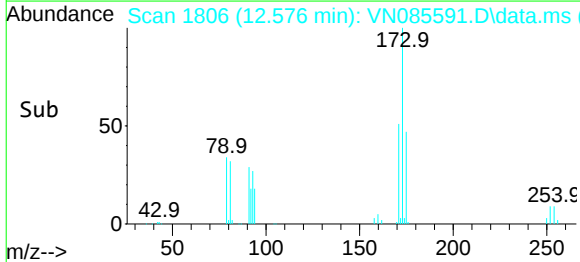
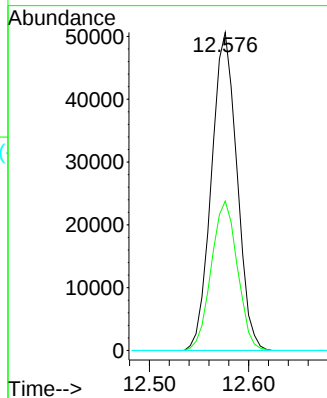
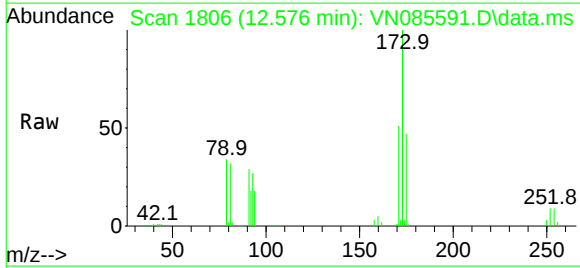
VSTDCCC050

Tgt Ion:	173	Resp:	90428
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

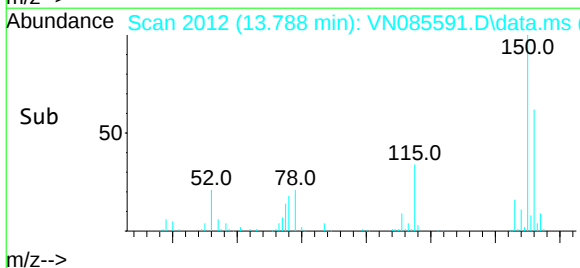
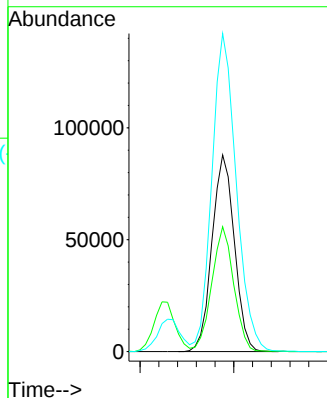
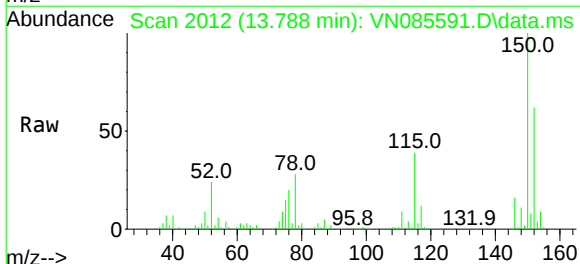
RT: 13.788 min Scan# 2012

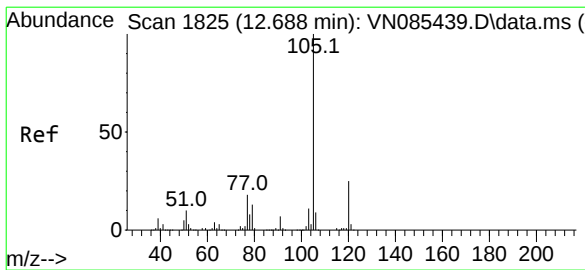
Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Tgt Ion:	152	Resp:	145646
Ion Ratio	Lower	Upper	
152	100		
115	62.5	31.1	93.3
150	176.8	0.0	343.6





#73

Isopropylbenzene

Concen: 50.753 ug/l

RT: 12.694 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 498892

Ion Ratio Lower Upper

105 100

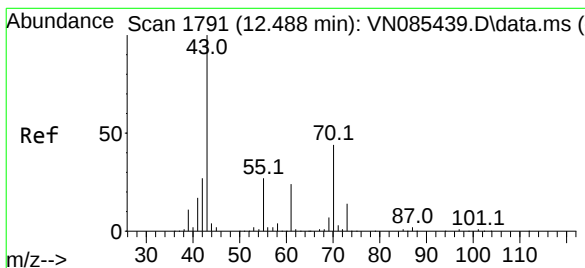
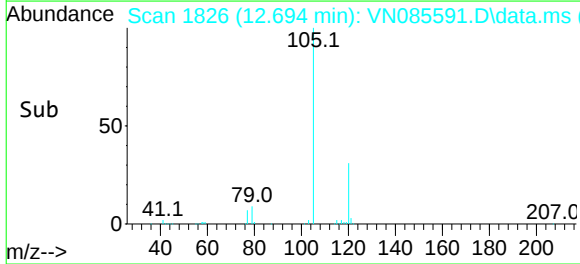
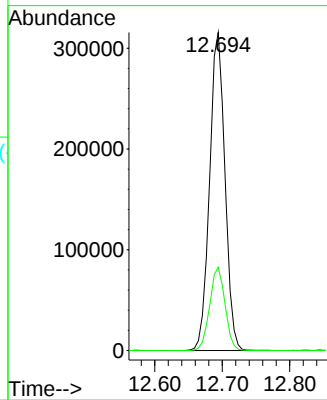
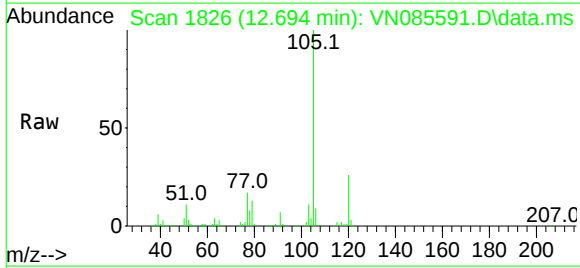
120 26.1 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#74

N-amyI acetate

Concen: 49.394 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Tgt Ion: 43 Resp: 218240

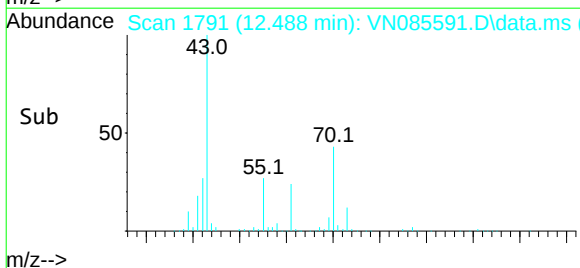
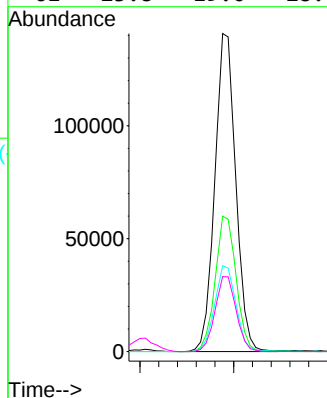
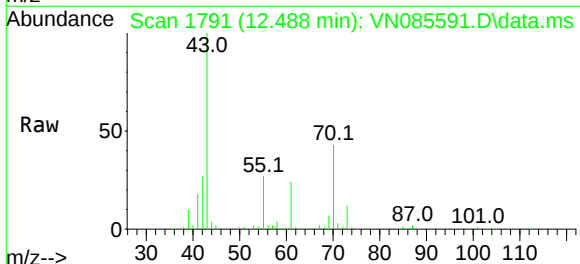
Ion Ratio Lower Upper

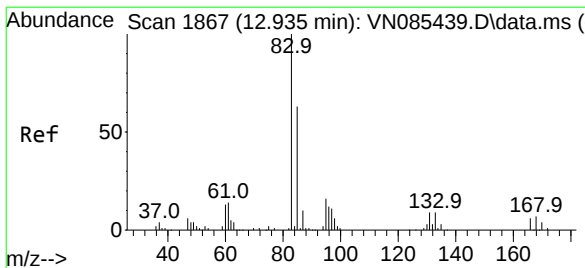
43 100

70 42.7 34.0 51.0

55 27.7 21.4 32.2

61 23.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.260 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

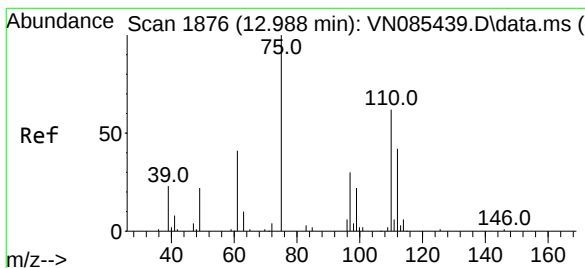
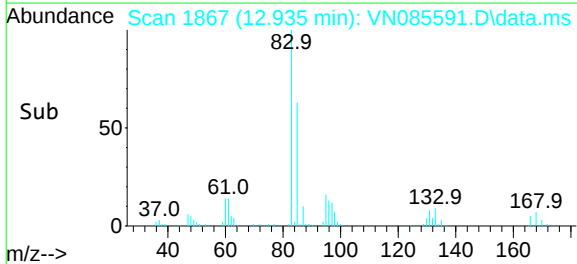
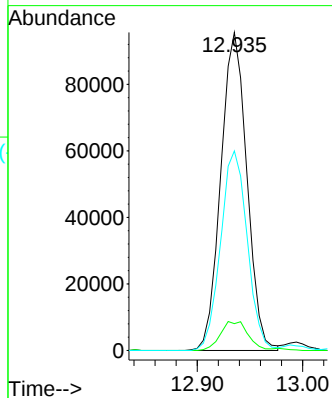
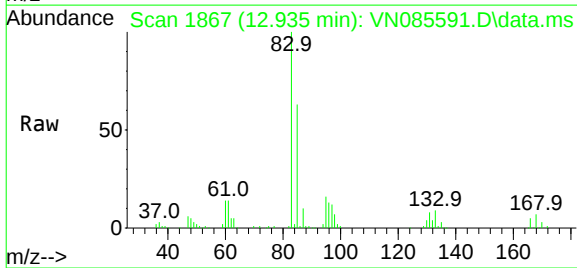
VSTDCCC050

Tgt Ion:	83	Resp:	164103
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.8	14.4
85	64.2	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#76

1,2,3-Trichloropropane

Concen: 52.775 ug/l m

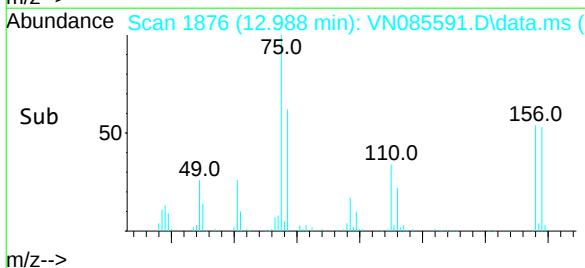
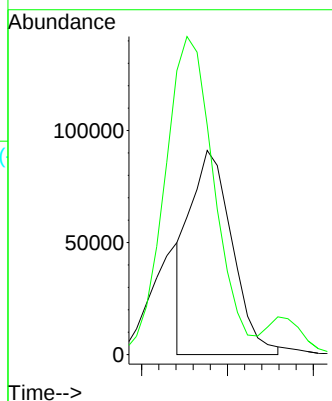
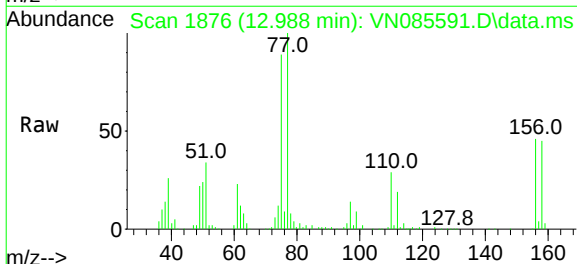
RT: 12.988 min Scan# 1876

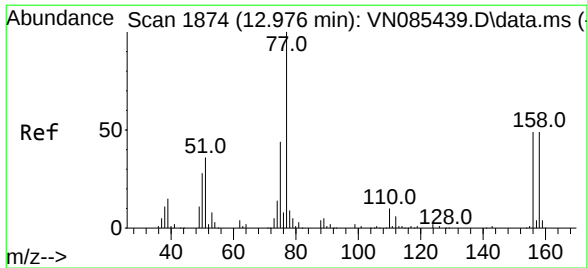
Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Tgt Ion:	75	Resp:	156230
Ion Ratio	Lower	Upper	
75	100		
77	183.3	109.7	329.2





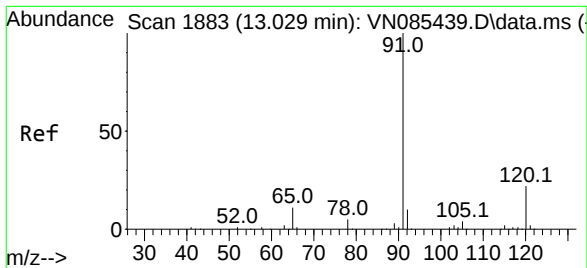
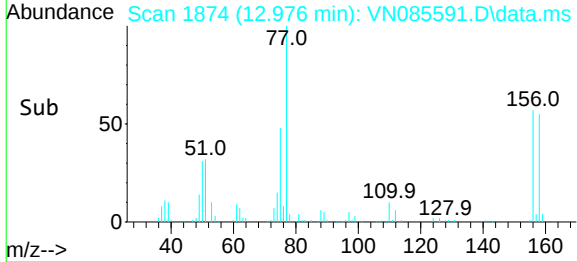
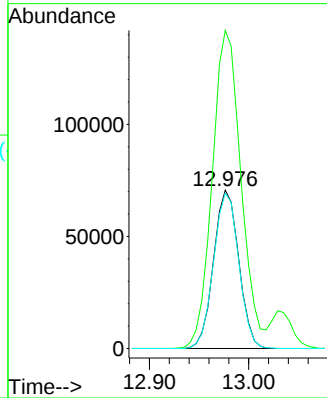
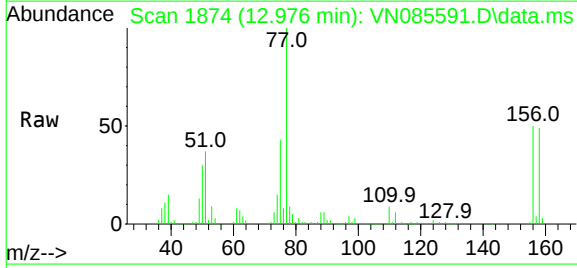
#77
Bromobenzene
Concen: 48.406 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 124316
Ion Ratio Lower Upper
156 100
77 230.3 114.1 342.4
158 98.4 48.9 146.8

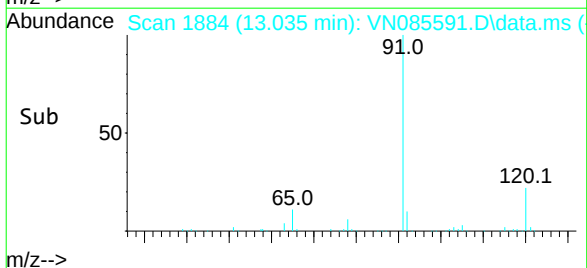
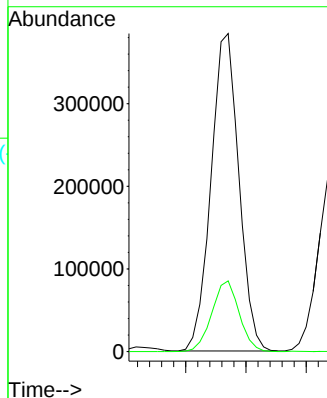
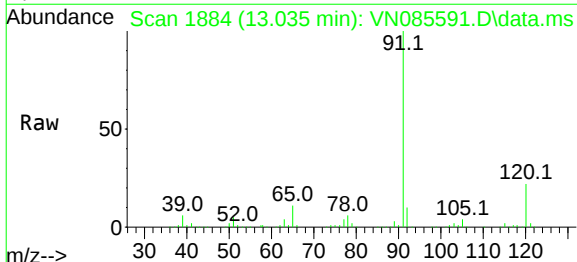
Manual Integrations
APPROVED

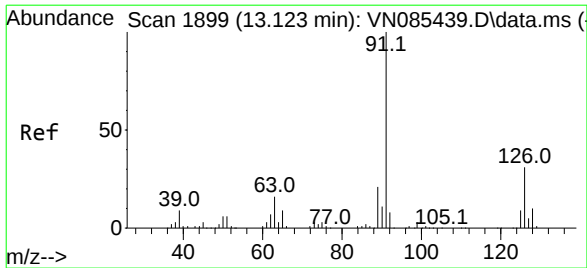
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#78
n-propylbenzene
Concen: 53.092 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Tgt Ion: 91 Resp: 617823
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.6





#79

2-Chlorotoluene

Concen: 50.010 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 376644

Ion Ratio Lower Upper

91 100

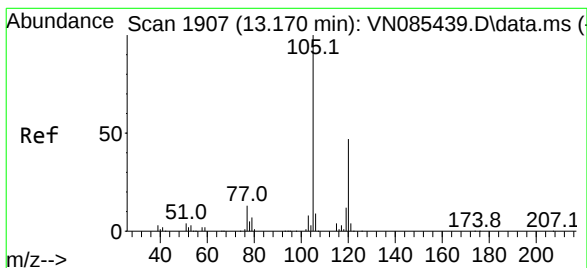
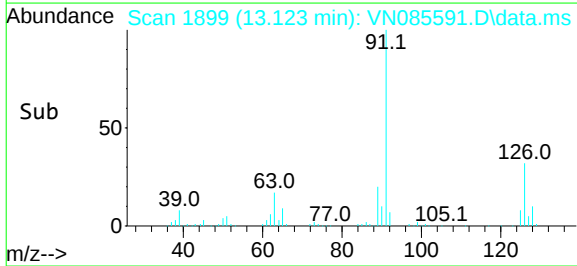
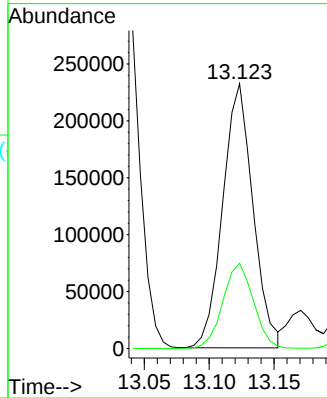
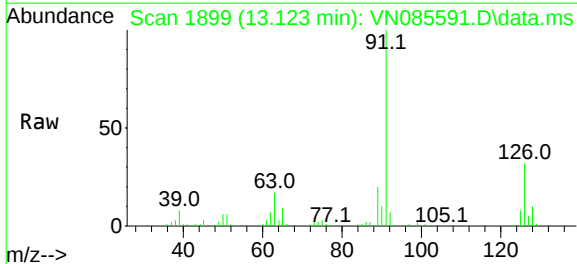
126 32.6 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#80

1,3,5-Trimethylbenzene

Concen: 53.665 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085591.D

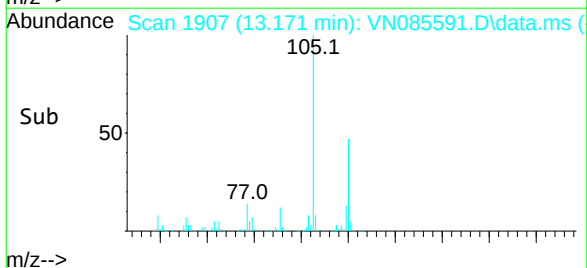
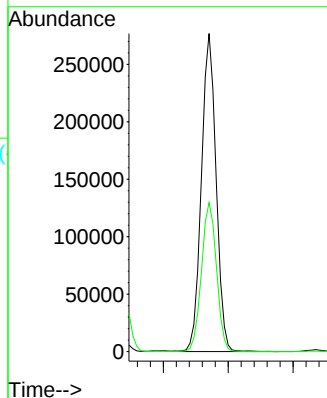
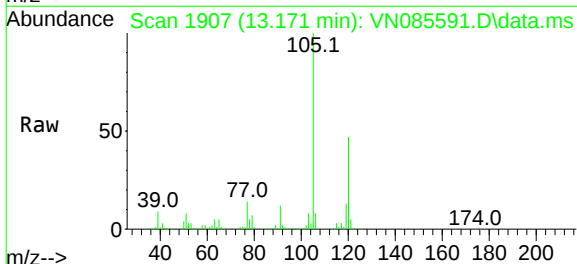
Acq: 31 Jan 2025 10:04

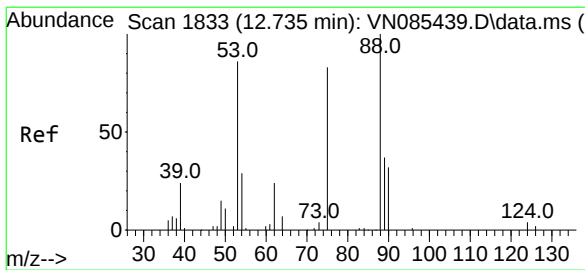
Tgt Ion:105 Resp: 435734

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.7





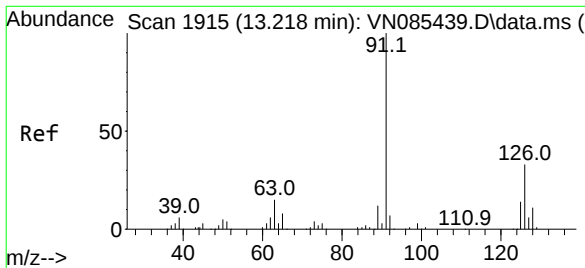
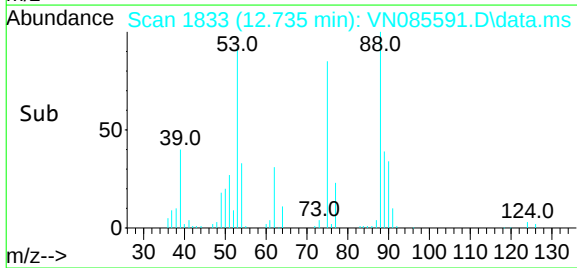
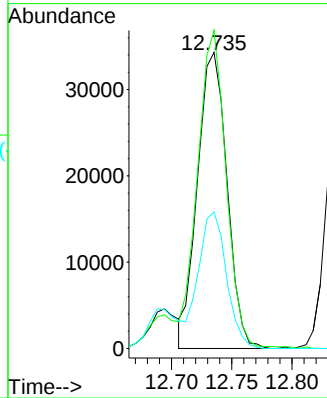
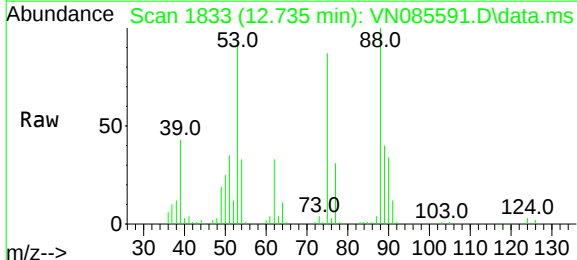
#81
trans-1,4-Dichloro-2-butene
Concen: 53.451 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	115.3	95.6	143.4
89	43.3	37.0	55.6

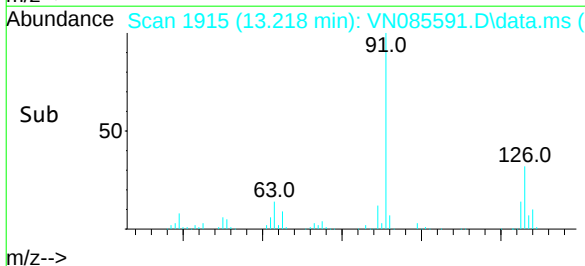
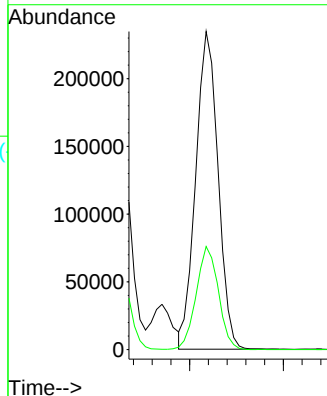
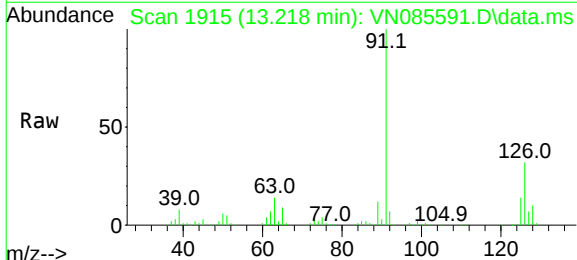
Manual Integrations
APPROVED

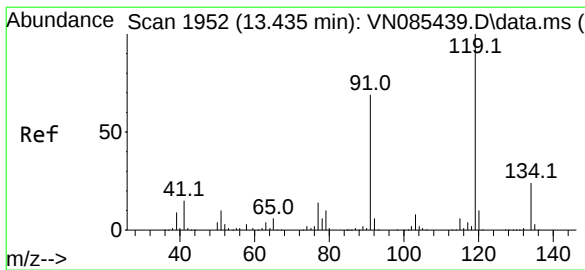
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#82
4-Chlorotoluene
Concen: 51.696 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

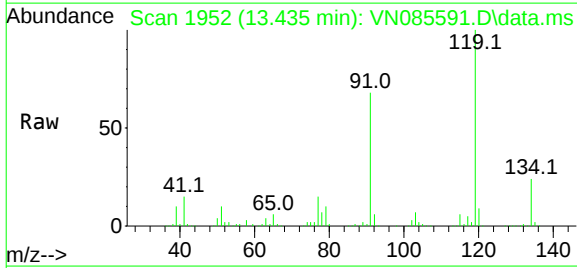
Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	15.9	47.7





#83
tert-Butylbenzene
Concen: 51.897 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

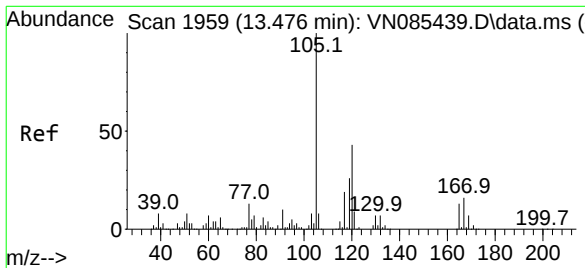
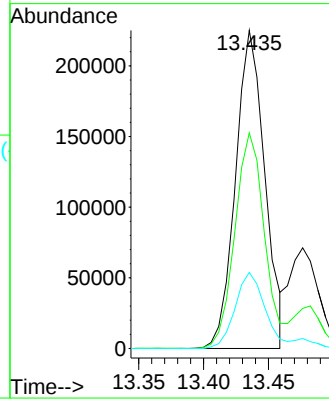
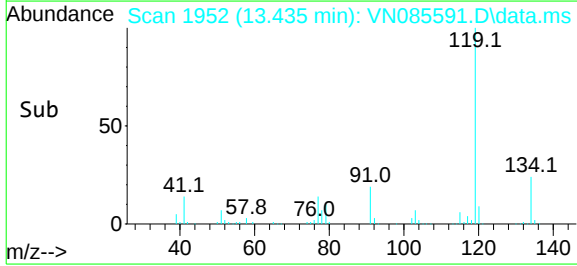
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



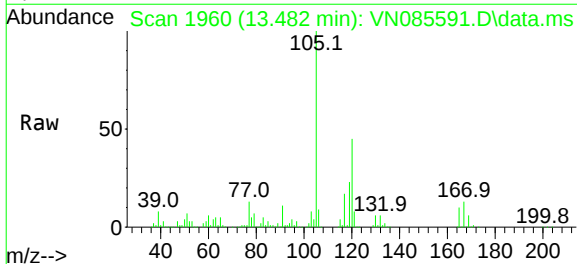
Tgt Ion:119 Resp: 353864
Ion Ratio Lower Upper
119 100
91 69.2 35.1 105.3
134 24.2 12.0 36.1

Manual Integrations
APPROVED

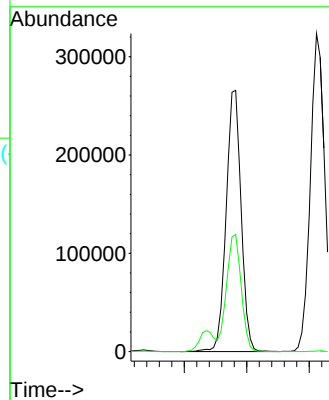
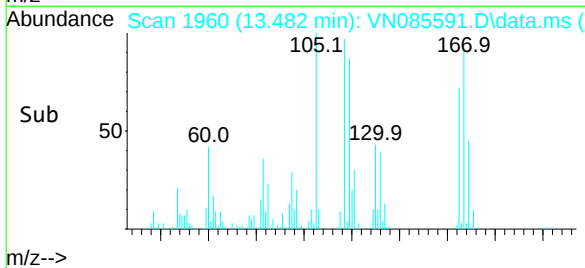
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

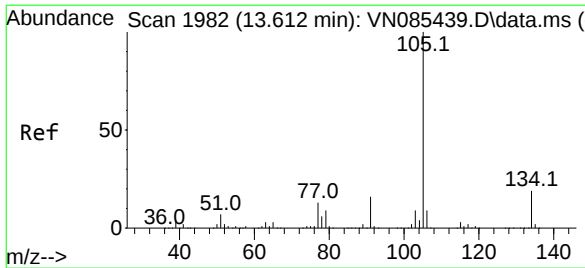


#84
1,2,4-Trimethylbenzene
Concen: 54.663 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04



Tgt Ion:105 Resp: 442366
Ion Ratio Lower Upper
105 100
120 43.9 21.6 65.0





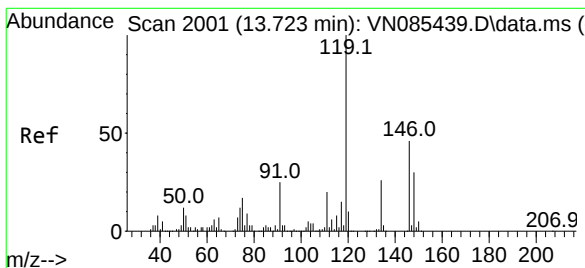
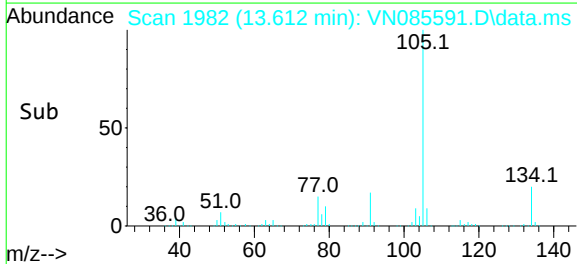
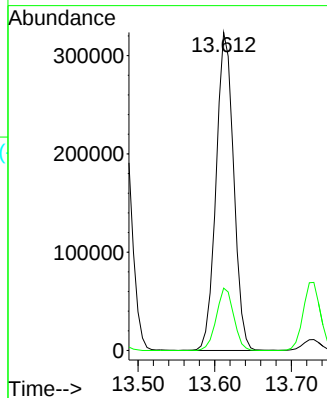
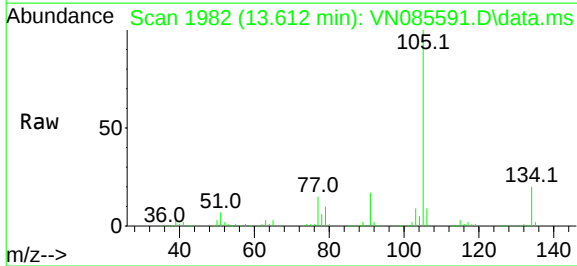
#85
sec-Butylbenzene
Concen: 54.515 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 515181
Ion Ratio Lower Upper
105 100
134 19.4 9.7 28.9

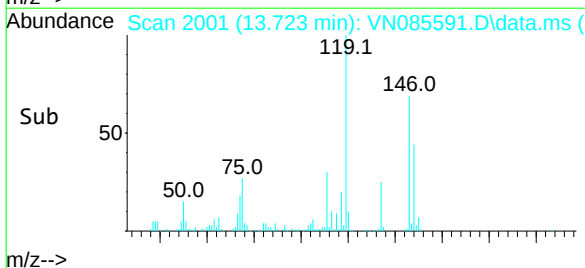
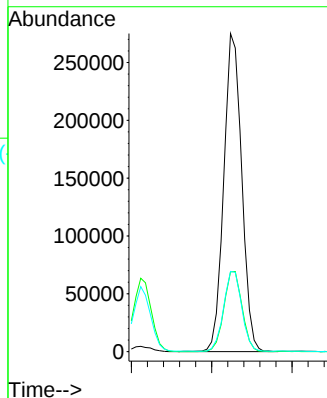
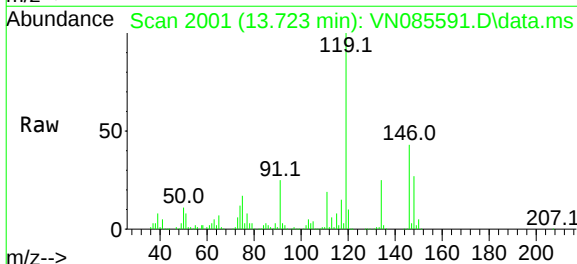
Manual Integrations
APPROVED

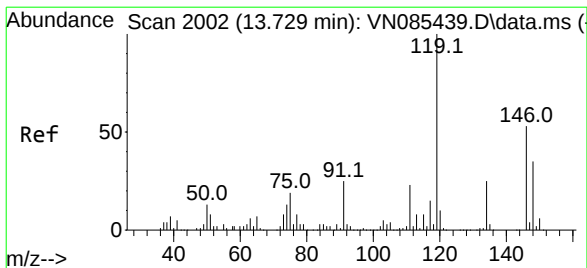
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#86
p-Isopropyltoluene
Concen: 50.108 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Tgt Ion:119 Resp: 426531
Ion Ratio Lower Upper
119 100
134 25.6 12.7 38.0
91 25.4 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 51.042 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

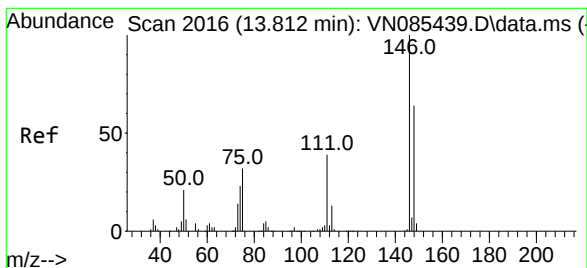
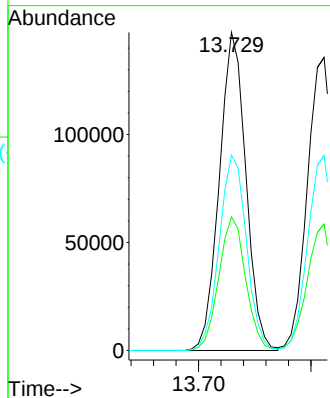
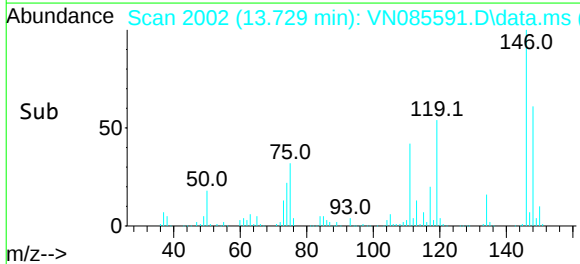
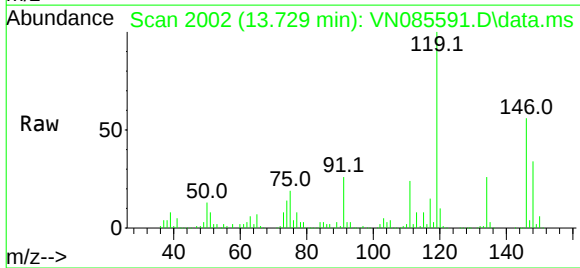
VSTDCCC050

Tgt Ion:	146	Resp:	241411
Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.4	64.3
148	62.9	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#88

1,4-Dichlorobenzene

Concen: 47.611 ug/l

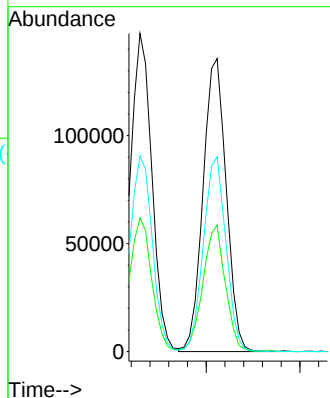
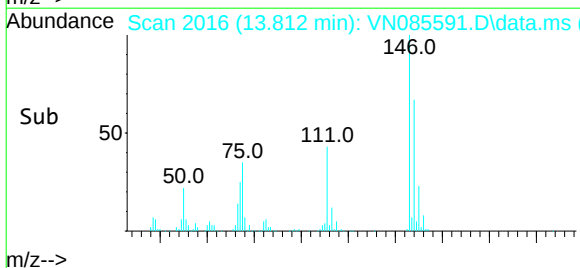
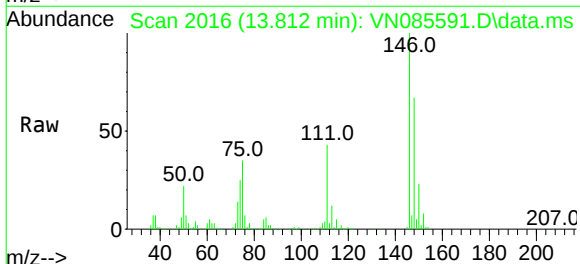
RT: 13.812 min Scan# 2016

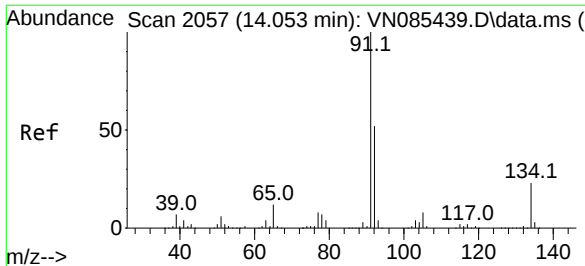
Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Tgt Ion:	146	Resp:	233405
Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	63.7
148	64.9	32.4	97.0





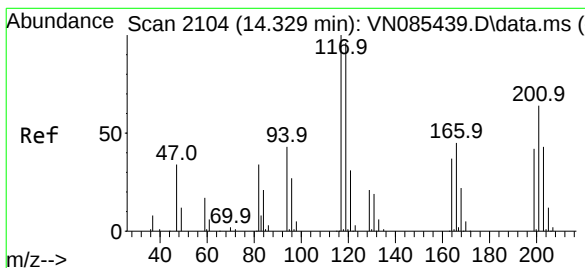
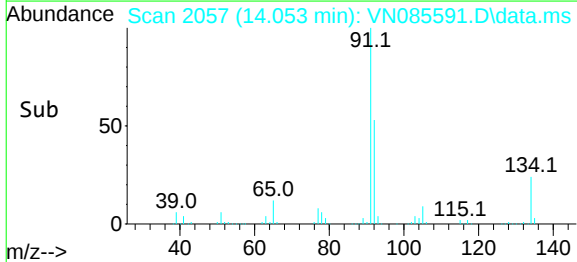
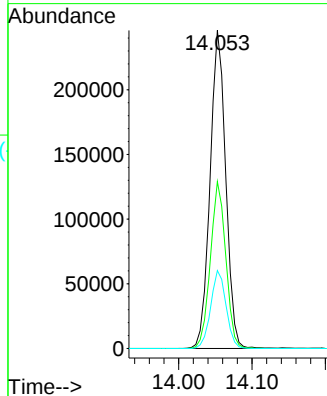
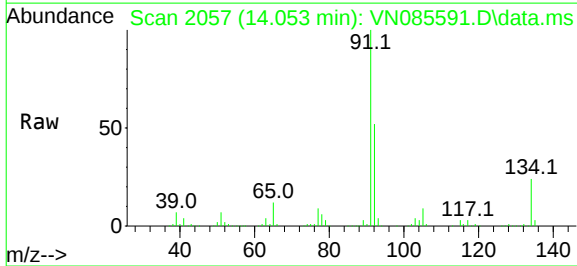
#89
n-Butylbenzene
Concen: 53.798 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	91	Resp:	364737
Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.8	77.3
134	24.1	11.7	35.1

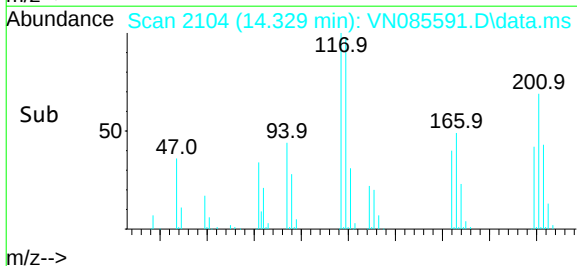
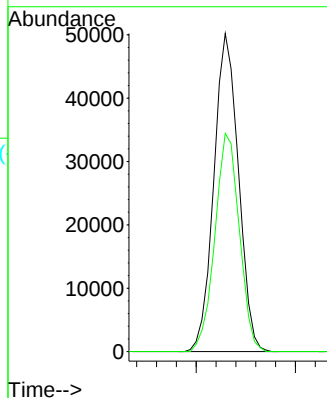
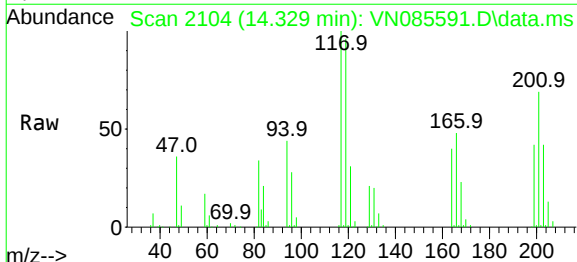
Manual Integrations
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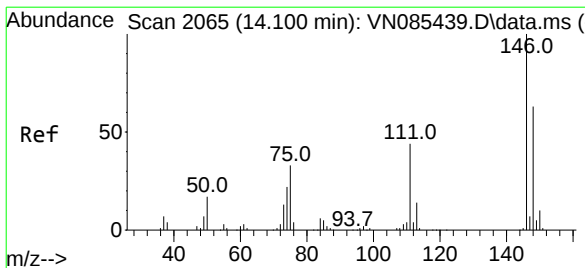
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#90
Hexachloroethane
Concen: 48.061 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Tgt Ion:	117	Resp:	86465
Ion	Ratio	Lower	Upper
117	100		
201	68.0	33.7	101.0





#91

1,2-Dichlorobenzene

Concen: 49.337 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

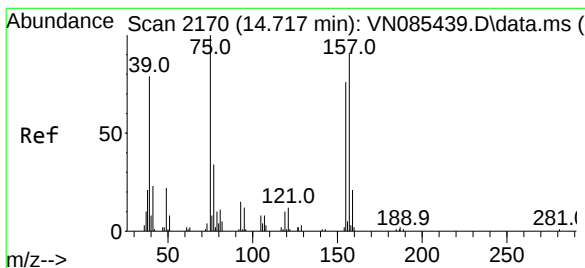
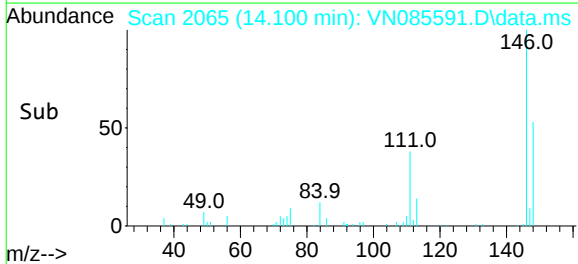
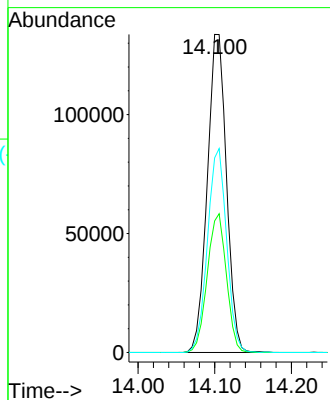
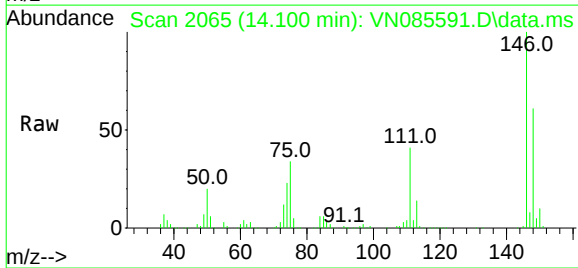
VSTDCCC050

Tgt Ion:	146	Resp:	232755
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.7	65.1
148	63.8	31.4	94.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.536 ug/l

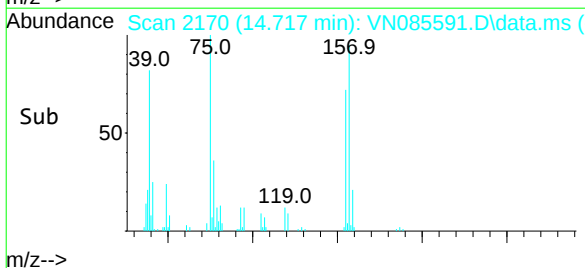
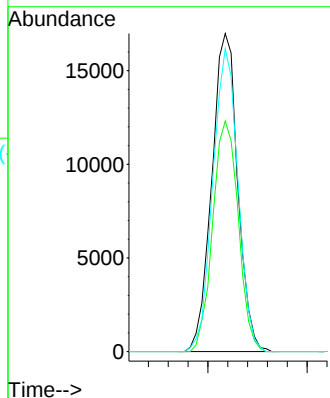
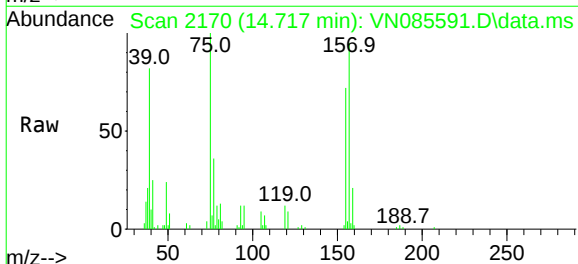
RT: 14.717 min Scan# 2170

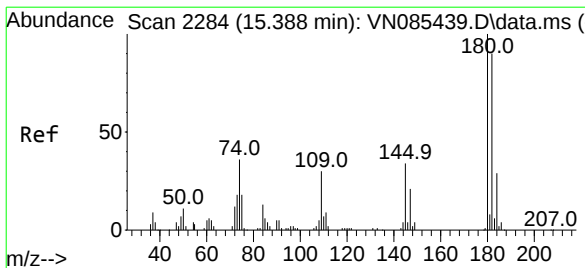
Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Tgt Ion:	75	Resp:	30775
Ion Ratio	Lower	Upper	
75	100		
155	71.5	36.4	109.2
157	92.5	45.4	136.1





#93

1,2,4-Trichlorobenzene

Concen: 48.649 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 106670

Ion Ratio Lower Upper

180 100

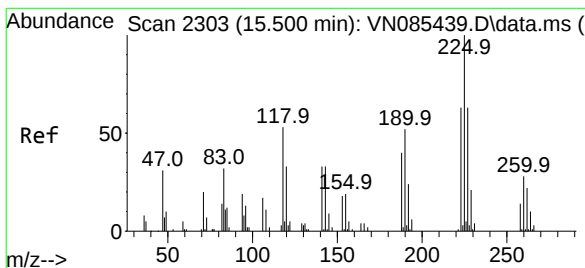
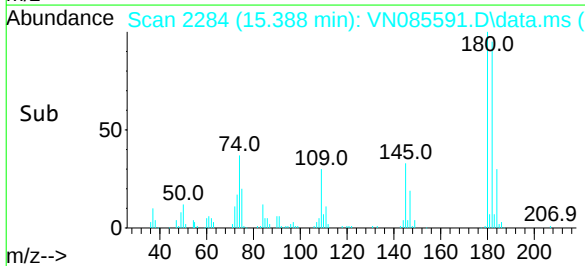
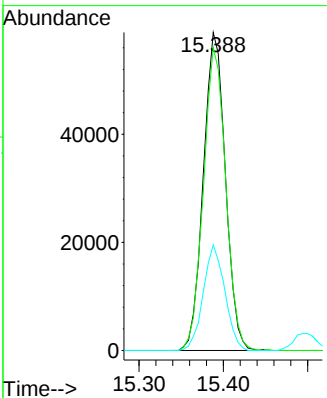
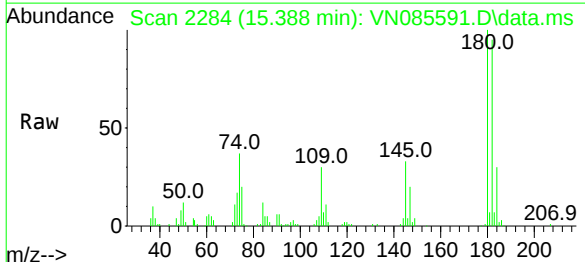
182 96.6 46.8 140.3

145 32.6 16.0 48.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#94

Hexachlorobutadiene

Concen: 48.367 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

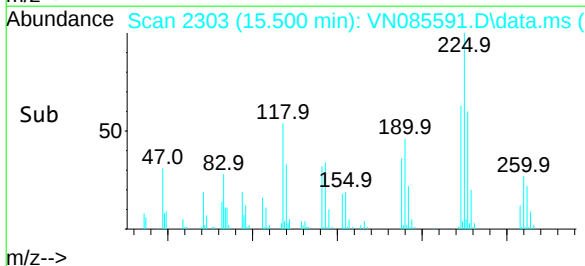
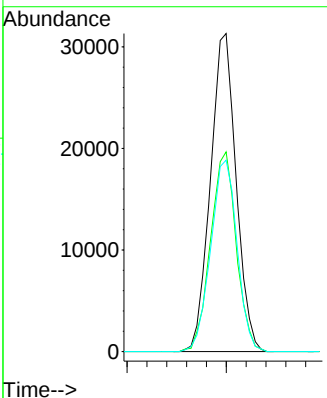
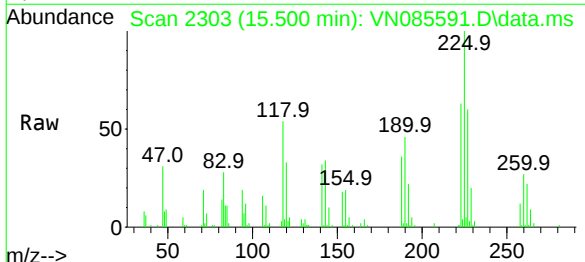
Tgt Ion:225 Resp: 56304

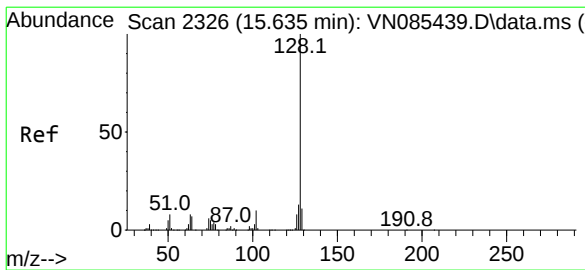
Ion Ratio Lower Upper

225 100

223 63.0 30.7 92.1

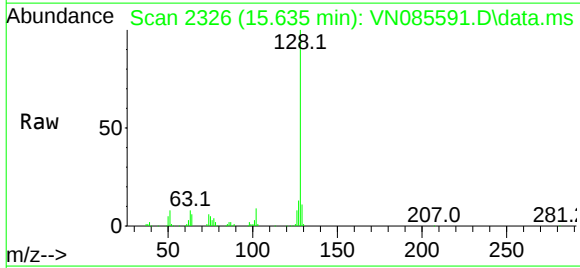
227 61.7 30.9 92.5





#95
Naphthalene
Concen: 48.220 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

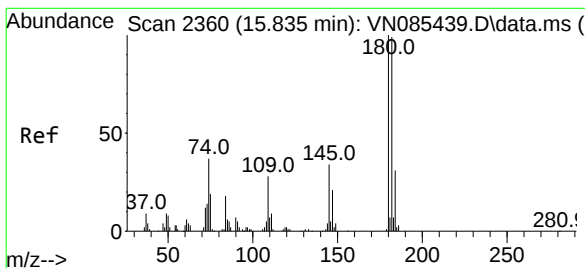
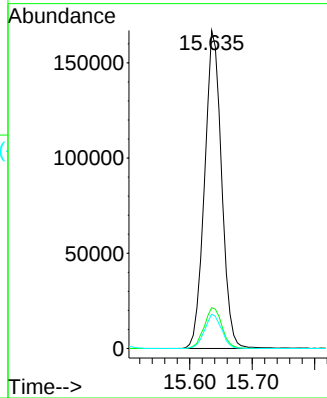
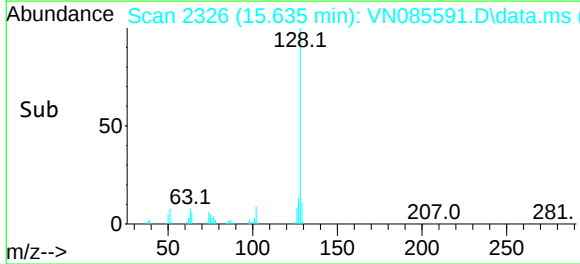
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 315500
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.503 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085591.D
Acq: 31 Jan 2025 10:04

Tgt Ion:180 Resp: 107609
Ion Ratio Lower Upper
180 100
182 95.4 47.4 142.2
145 34.0 16.9 50.7

