

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085594.D
 Acq On : 31 Jan 2025 11:39
 Operator : JC\MD
 Sample : VN0131WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 22:25:28 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	170842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146607	53.162	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.320%			
35) Dibromofluoromethane	8.165	113	107584	53.178	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.360%			
50) Toluene-d8	10.565	98	374675	52.125	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.260%			
62) 4-Bromofluorobenzene	12.847	95	130847	53.215	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38099	16.471	ug/l	100
3) Chloromethane	2.359	50	41483	16.563	ug/l	96
4) Vinyl Chloride	2.512	62	43379	17.232	ug/l	97
5) Bromomethane	2.959	94	27138	17.847	ug/l	92
6) Chloroethane	3.130	64	29949	18.765	ug/l	94
7) Trichlorofluoromethane	3.501	101	67983	18.612	ug/l	99
8) Diethyl Ether	3.965	74	23399	18.543	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	40081	19.482	ug/l	100
10) Methyl Iodide	4.589	142	46082	19.559	ug/l	98
11) Tert butyl alcohol	5.518	59	36797	116.527	ug/l	100
12) 1,1-Dichloroethene	4.348	96	33138	18.073	ug/l	90
13) Acrolein	4.177	56	32299	74.928	ug/l	100
14) Allyl chloride	5.024	41	52879	17.773	ug/l	98
15) Acrylonitrile	5.712	53	112978	112.638	ug/l	100
16) Acetone	4.430	43	98420	110.454	ug/l	99
17) Carbon Disulfide	4.706	76	83044	14.710	ug/l	96
18) Methyl Acetate	5.018	43	66636	24.593	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	127597	21.432	ug/l	100
20) Methylene Chloride	5.271	84	43643	19.785	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	35923	18.333	ug/l	96
22) Diisopropyl ether	6.671	45	141569	21.438	ug/l	99
23) Vinyl Acetate	6.600	43	494432	106.985	ug/l	99
24) 1,1-Dichloroethane	6.565	63	83257	20.676	ug/l	100
25) 2-Butanone	7.477	43	146709	111.884	ug/l	97
26) 2,2-Dichloropropane	7.489	77	69887	21.467	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	46577	20.181	ug/l	98
28) Bromochloromethane	7.812	49	40972	21.871	ug/l	99
29) Tetrahydrofuran	7.836	42	94383	113.531	ug/l	99
30) Chloroform	7.965	83	86579	20.804	ug/l	97
31) Cyclohexane	8.253	56	58088	16.597	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	72352	19.820	ug/l	94
36) 1,1-Dichloropropene	8.371	75	51402	18.103	ug/l	99
37) Ethyl Acetate	7.559	43	62903	21.949	ug/l	97
38) Carbon Tetrachloride	8.359	117	62612	19.262	ug/l	98
39) Methylcyclohexane	9.600	83	44653	16.736	ug/l	99
40) Benzene	8.600	78	165782	19.432	ug/l	98

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 Supervised By :Semsettin Yesilyurt 02/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32075	21.512	ug/l	96
42) 1,2-Dichloroethane	8.671	62	68576	21.342	ug/l	98
43) Isopropyl Acetate	8.688	43	101965	22.204	ug/l	99
44) Trichloroethene	9.347	130	37559	18.913	ug/l	90
45) 1,2-Dichloropropane	9.618	63	44141	20.256	ug/l	100
46) Dibromomethane	9.712	93	32921	20.937	ug/l	99
47) Bromodichloromethane	9.882	83	69434	21.675	ug/l #	98
48) Methyl methacrylate	9.677	41	44798	21.677	ug/l	99
49) 1,4-Dioxane	9.694	88	14929	428.980	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	312143	117.136	ug/l	99
52) Toluene	10.629	92	102996	20.836	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	63224	20.885	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	69645	21.537	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	43870	22.425	ug/l	97
56) Ethyl methacrylate	10.871	69	60017	19.440	ug/l	96
57) 1,3-Dichloropropane	11.159	76	73415	21.583	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	110235	88.796	ug/l	100
59) 2-Hexanone	11.194	43	225189	120.099	ug/l	99
60) Dibromochloromethane	11.359	129	51298	21.720	ug/l	98
61) 1,2-Dibromoethane	11.465	107	41427	21.274	ug/l	98
64) Tetrachloroethene	11.100	164	36529	20.578	ug/l	99
65) Chlorobenzene	11.888	112	113226	19.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	42230	20.171	ug/l	99
67) Ethyl Benzene	11.965	91	179492	19.320	ug/l	99
68) m/p-Xylenes	12.071	106	139208	40.542	ug/l	99
69) o-Xylene	12.394	106	64375	19.618	ug/l	98
70) Styrene	12.406	104	111627	20.555	ug/l	99
71) Bromoform	12.576	173	33846	22.594	ug/l #	99
73) Isopropylbenzene	12.694	105	166281	19.672	ug/l	100
74) N-amyl acetate	12.488	43	78287	20.605	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	63591	21.297	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	52049m	20.447	ug/l	
77) Bromobenzene	12.976	156	44454	20.129	ug/l	98
78) n-propylbenzene	13.035	91	202101	20.197	ug/l	99
79) 2-Chlorotoluene	13.123	91	128406	19.827	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	140053	20.059	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	22836	24.271	ug/l	86
82) 4-Chlorotoluene	13.218	91	129888	20.143	ug/l	99
83) tert-Butylbenzene	13.435	119	112298	19.153	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	141674	20.359	ug/l	99
85) sec-Butylbenzene	13.618	105	162740	20.026	ug/l	99
86) p-Isopropyltoluene	13.729	119	130871	19.356	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	80731	19.850	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	79386	18.832	ug/l	98
89) n-Butylbenzene	14.053	91	105667	18.125	ug/l	99
90) Hexachloroethane	14.329	117	30543	19.743	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	78528	19.357	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12261	22.487	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	34814	18.464	ug/l	96
94) Hexachlorobutadiene	15.500	225	18346	18.327	ug/l	97
95) Naphthalene	15.641	128	101833	18.099	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36018	18.879	ug/l	99

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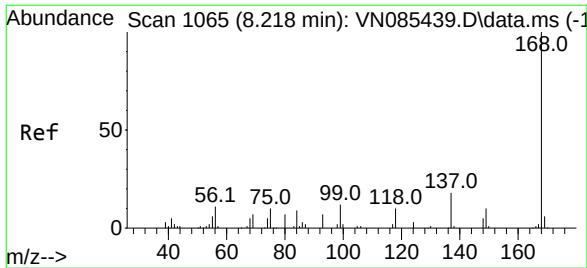
Manual Integrations
APPROVED

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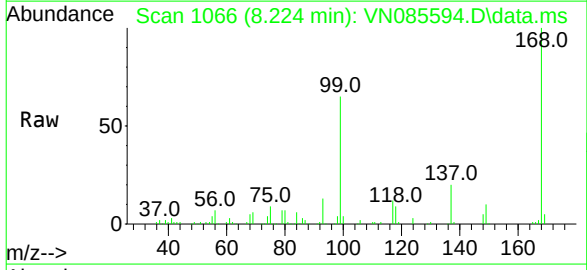
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

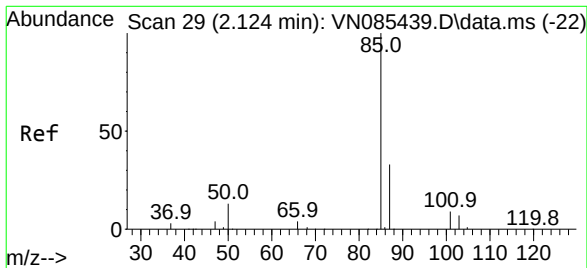
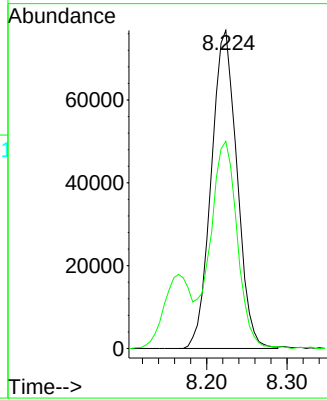
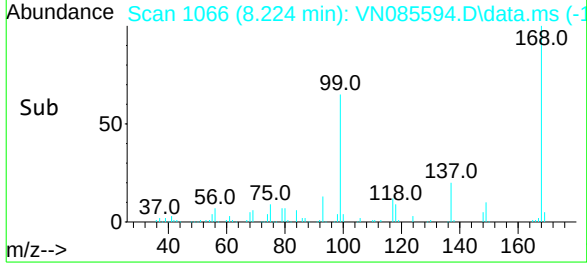
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



Tgt Ion: 168 Resp: 170842
Ion Ratio Lower Upper
168 100
99 64.6 53.6 80.4

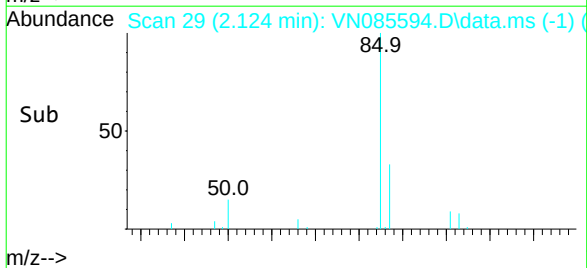
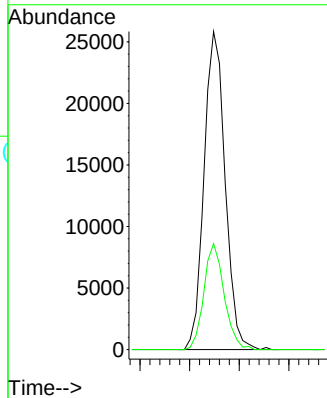
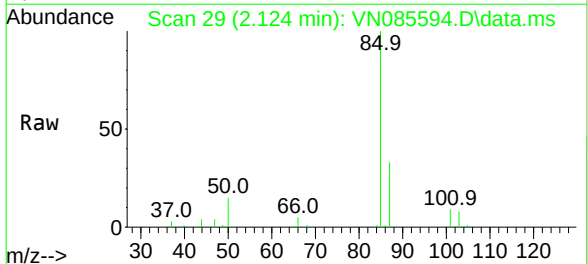
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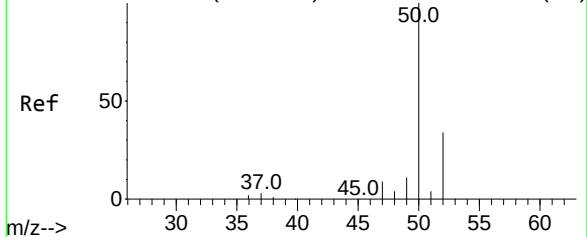


#2
Dichlorodifluoromethane
Concen: 16.471 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion: 85 Resp: 38099
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.1



Abundance Scan 69 (2.359 min): VN085439.D\data.ms (-62)



#3

Chloromethane

Concen: 16.563 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

Tgt Ion: 50 Resp: 41483

Ion Ratio Lower Upper

50 100

52 31.5 27.0 40.6

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

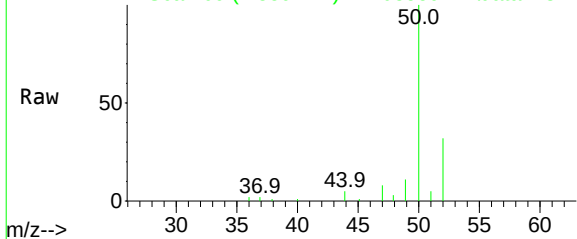
Manual Integrations

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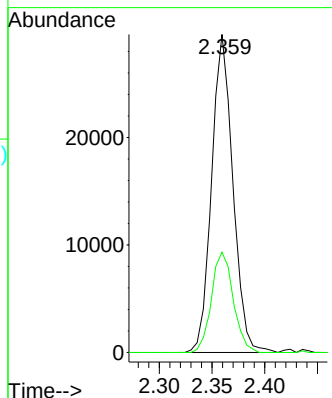
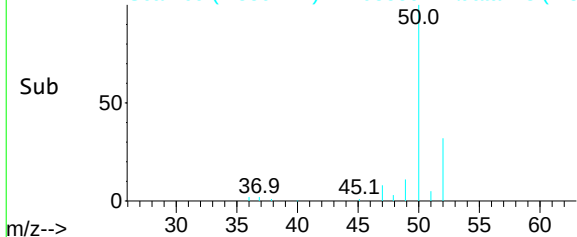
Reviewed By :Mahesh Dadoda 02/03/2025

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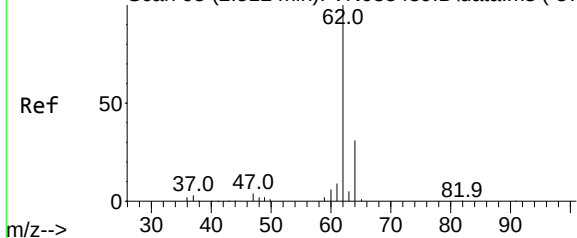
Abundance Scan 69 (2.359 min): VN085594.D\data.ms



Abundance Scan 69 (2.359 min): VN085594.D\data.ms (-18)



Abundance Scan 95 (2.512 min): VN085439.D\data.ms (-87)



#4

Vinyl Chloride

Concen: 17.232 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

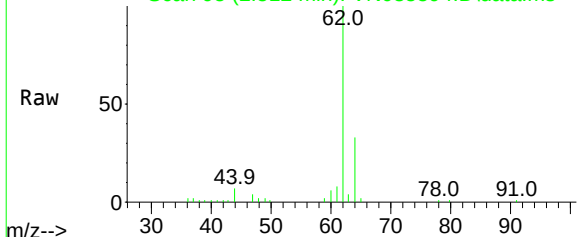
Tgt Ion: 62 Resp: 43379

Ion Ratio Lower Upper

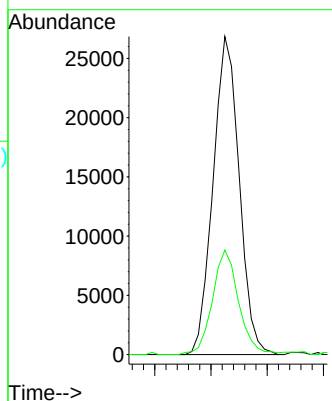
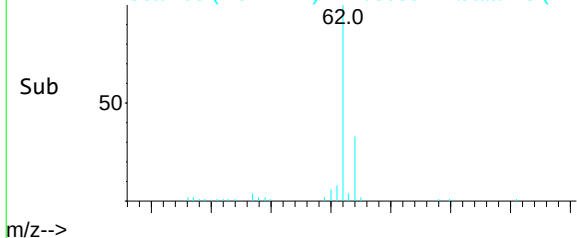
62 100

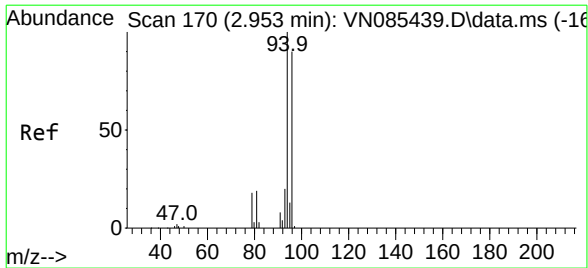
64 32.9 24.8 37.2

Abundance Scan 95 (2.512 min): VN085594.D\data.ms



Abundance Scan 95 (2.512 min): VN085594.D\data.ms (-44)





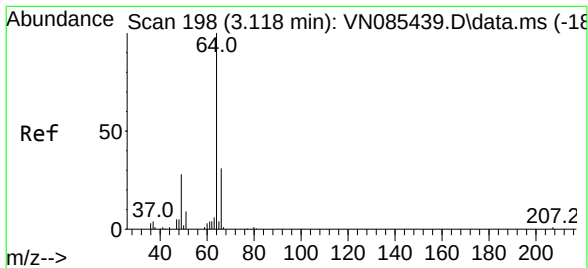
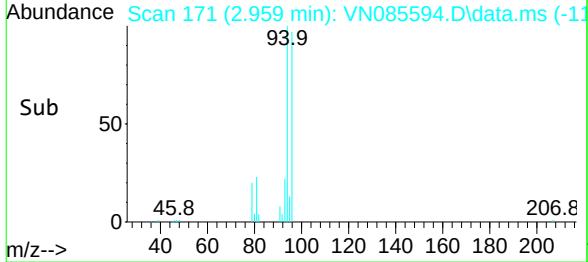
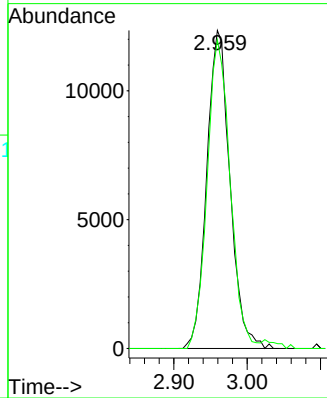
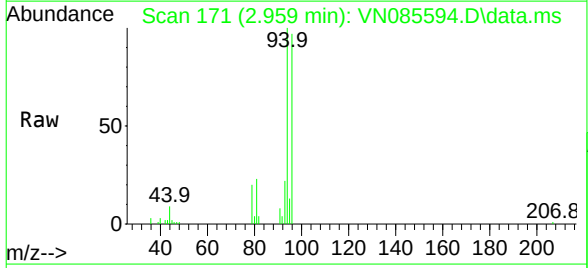
#5
Bromomethane
Concen: 17.847 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN085594.D
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Tgt Ion: 94 Resp: 27138
Ion Ratio Lower Upper
94 100
96 97.0 71.8 107.6

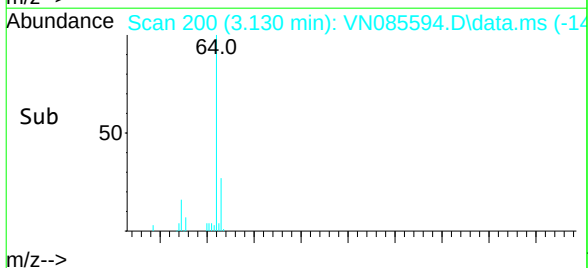
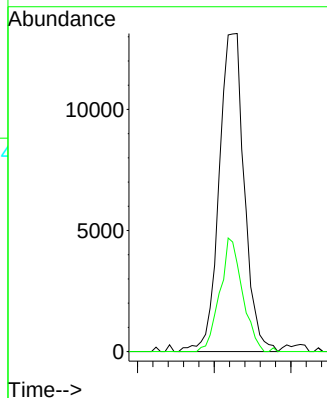
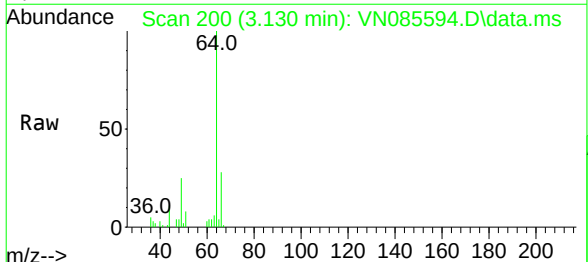
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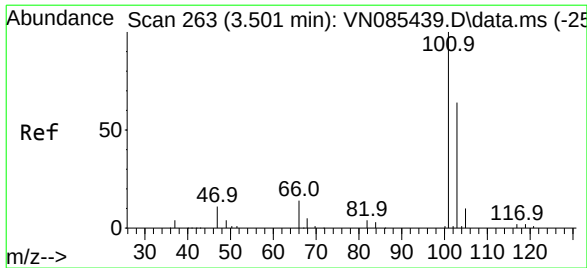
Reviewed By :Mahesh Dadoda 02/03/2025
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#6
Chloroethane
Concen: 18.765 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

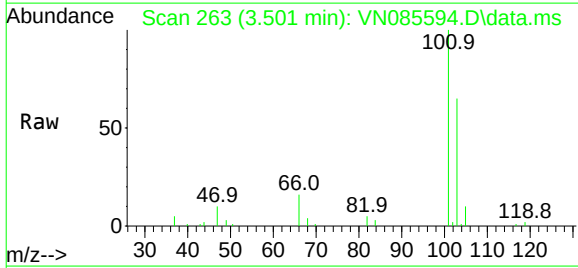
Tgt Ion: 64 Resp: 29949
Ion Ratio Lower Upper
64 100
66 27.6 24.6 36.8





#7
Trichlorofluoromethane
Concen: 18.612 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN085594.D
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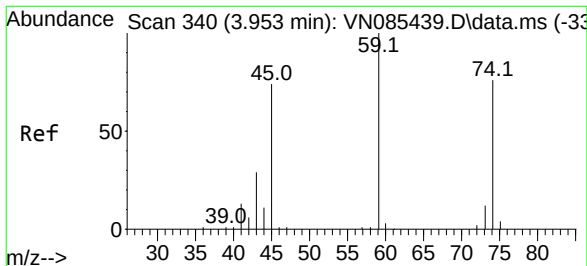
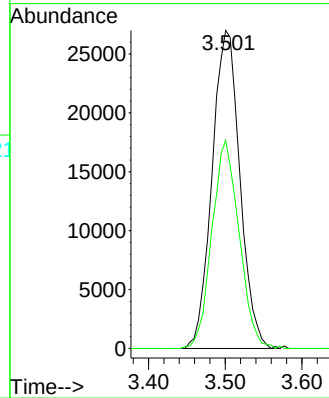
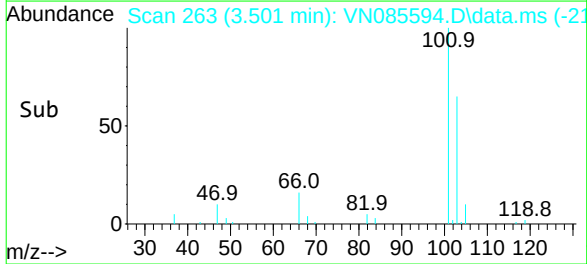
Instrument :
MSVOA_N
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VN0131WBSD01



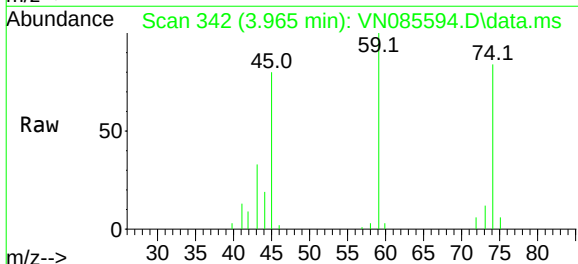
Tgt Ion: 101 Resp: 67983
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

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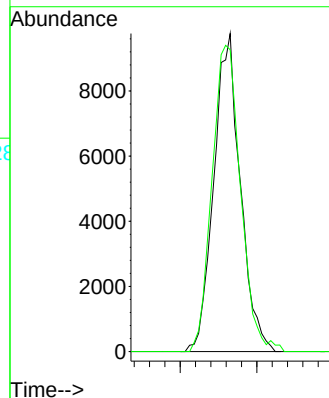
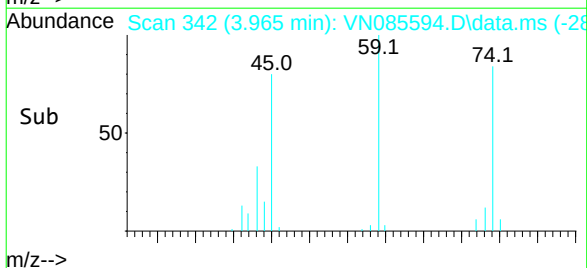
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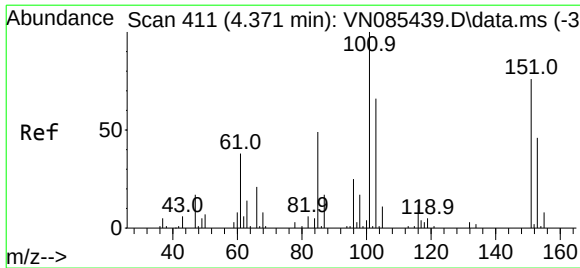


#8
Diethyl Ether
Concen: 18.543 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN085594.D
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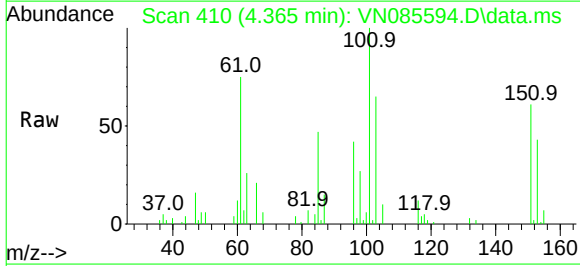
Tgt Ion: 74 Resp: 23399
Ion Ratio Lower Upper
74 100
45 104.0 49.7 149.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.482 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
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Acq: 31 Jan 2025 11:39

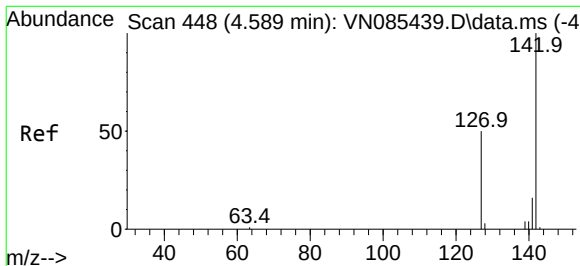
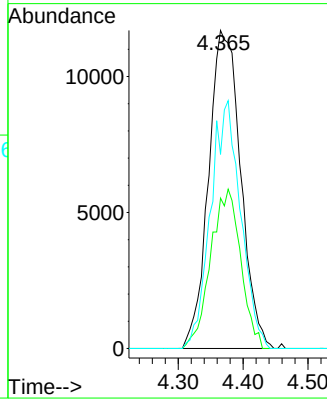
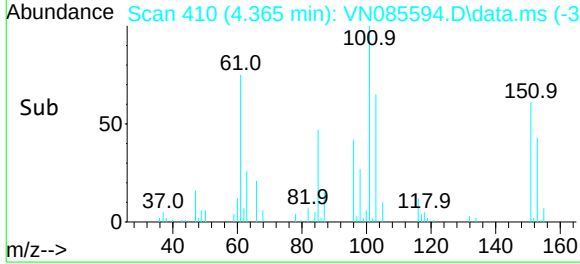
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



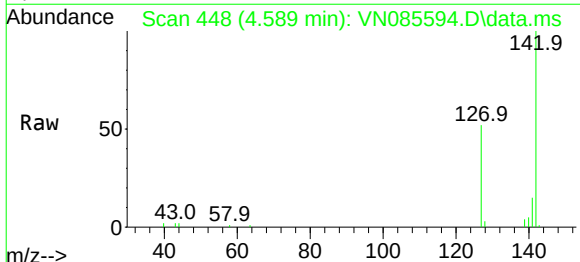
Tgt Ion:101 Resp: 40081
Ion Ratio Lower Upper
101 100
85 47.0 37.8 56.8
151 73.2 58.8 88.2

Manual Integrations
APPROVED

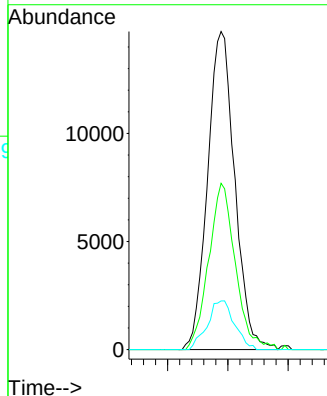
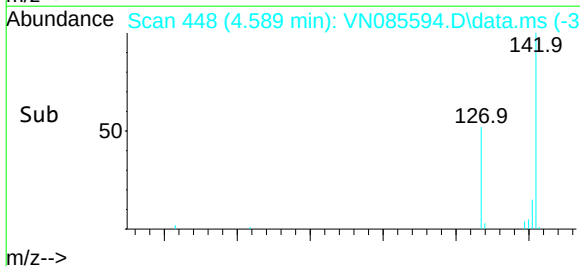
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

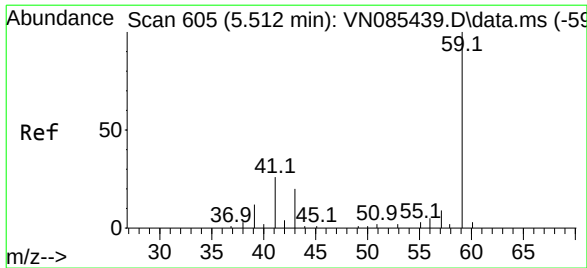


#10
Methyl Iodide
Concen: 19.559 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39



Tgt Ion:142 Resp: 46082
Ion Ratio Lower Upper
142 100
127 52.3 40.3 60.5
141 15.3 12.8 19.2





#11

Tert butyl alcohol

Concen: 116.527 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

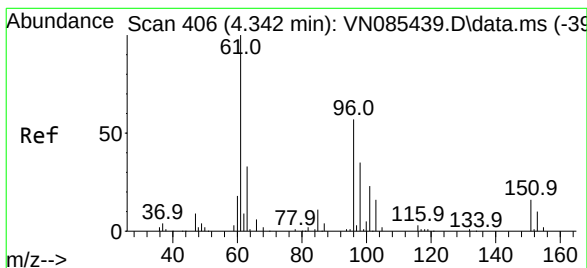
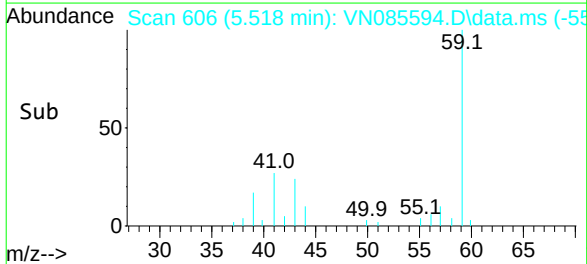
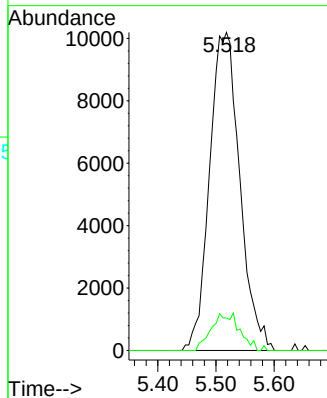
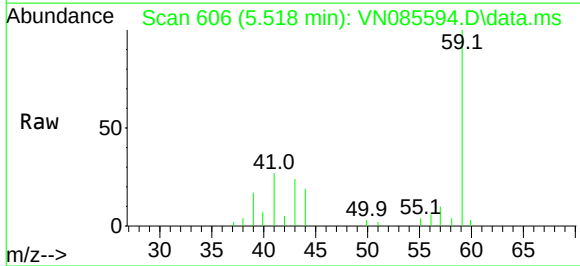
VN0131WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.6	13.0

Manual Integrations

APPROVED

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



#12

1,1-Dichloroethene

Concen: 18.073 ug/l

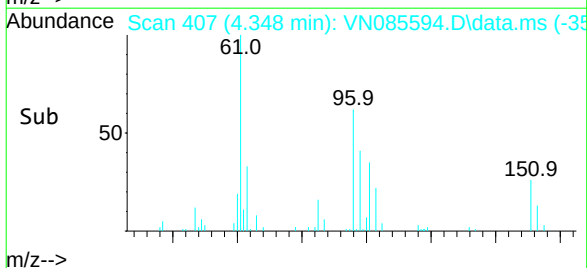
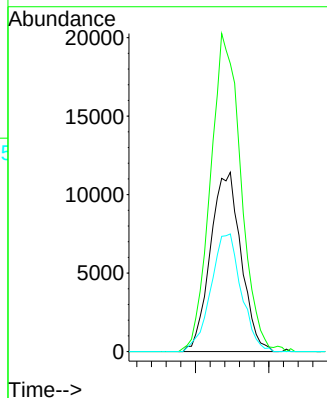
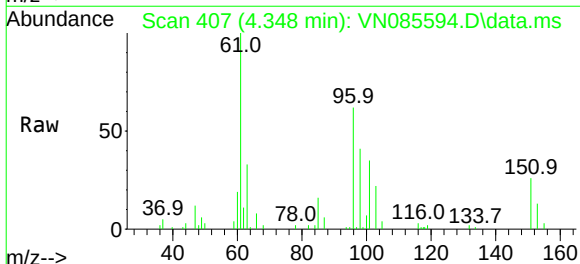
RT: 4.348 min Scan# 407

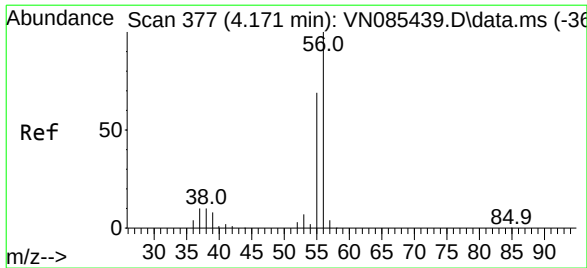
Delta R.T. 0.006 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.5	141.0	211.4
98	65.6	49.0	73.6





#13

Acrolein

Concen: 74.928 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

Tgt Ion: 56 Resp: 32299

Ion Ratio Lower Upper

56 100

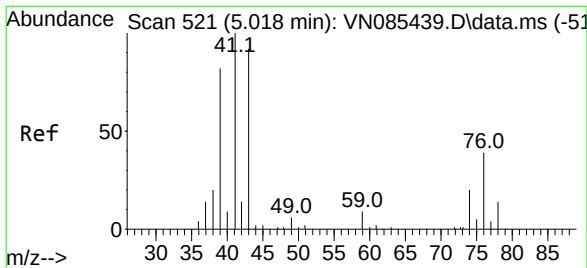
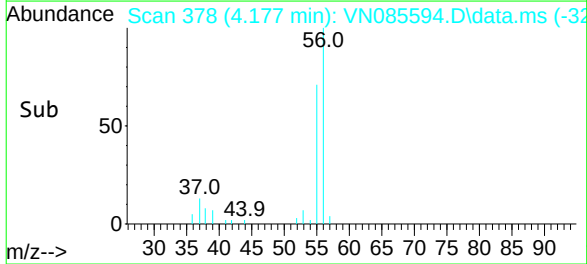
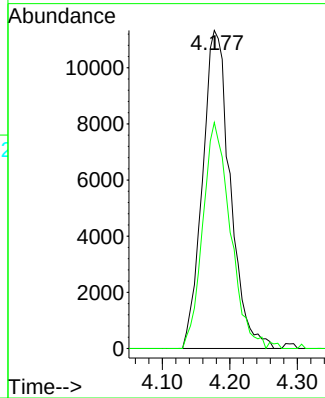
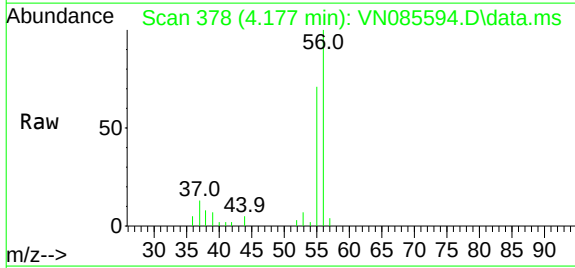
55 70.6 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/03/2025

Supervised By :Semsettin Yesilyurt 02/03/2025



#14

Allyl chloride

Concen: 17.773 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

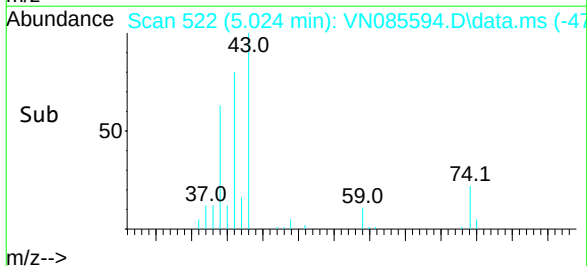
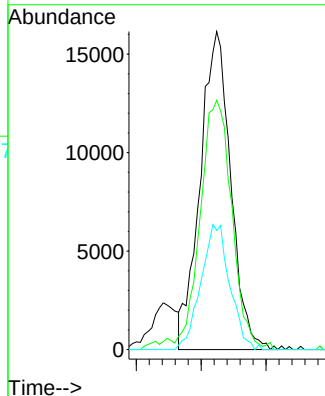
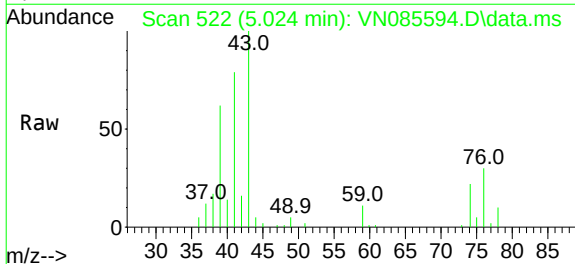
Tgt Ion: 41 Resp: 52879

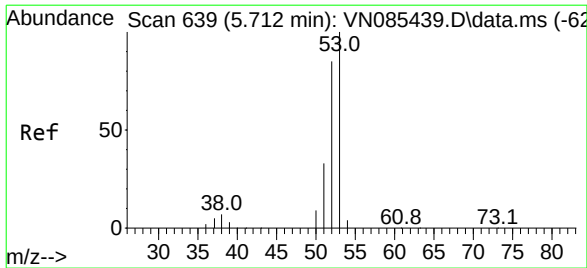
Ion Ratio Lower Upper

41 100

39 78.7 64.4 96.6

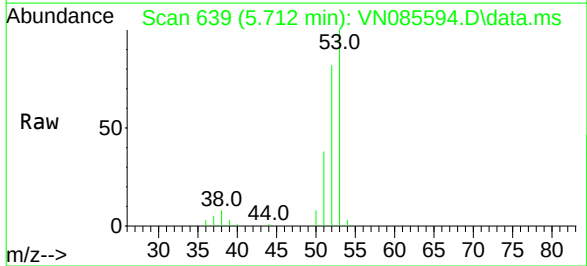
76 37.1 30.5 45.7





#15
Acrylonitrile
Concen: 112.638 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

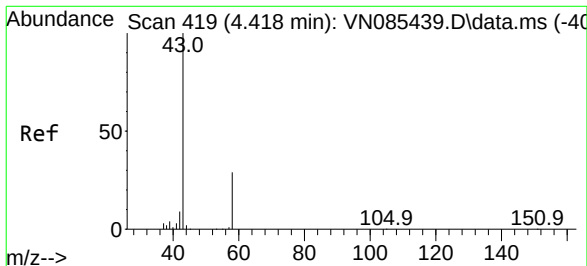
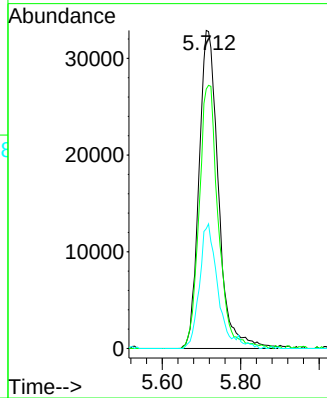
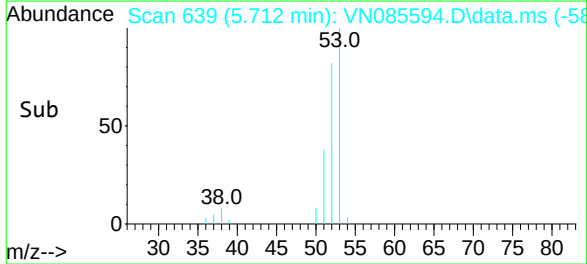
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



Tgt Ion: 53 Resp: 112978
Ion Ratio Lower Upper
53 100
52 81.6 65.5 98.3
51 37.0 29.8 44.8

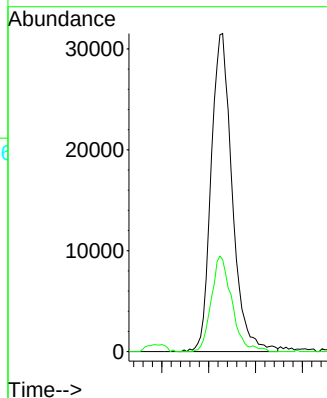
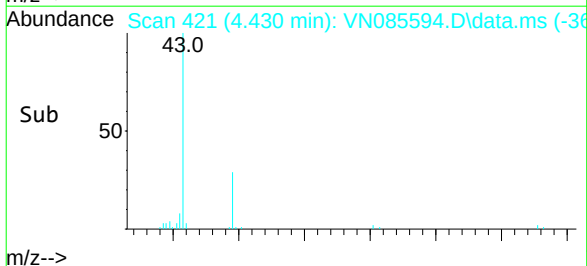
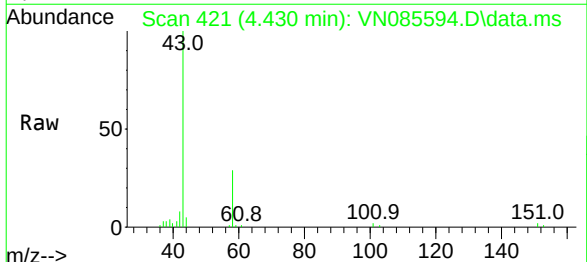
Manual Integrations
APPROVED

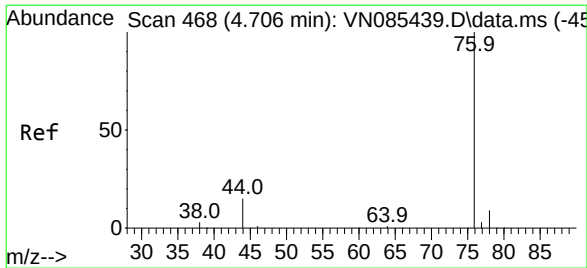
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#16
Acetone
Concen: 110.454 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

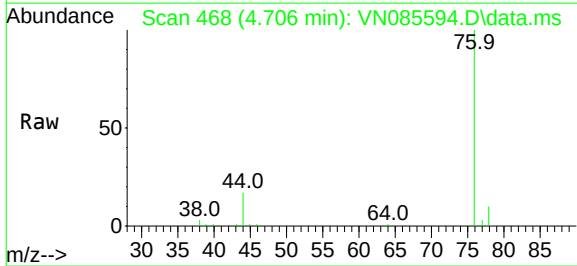
Tgt Ion: 43 Resp: 98420
Ion Ratio Lower Upper
43 100
58 28.9 23.8 35.6





#17
Carbon Disulfide
Concen: 14.710 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

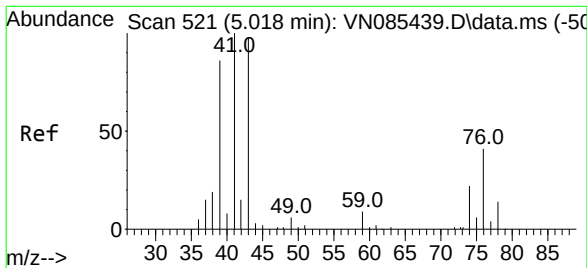
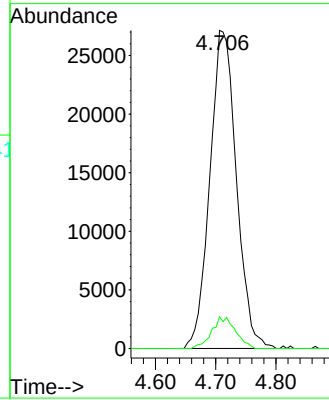
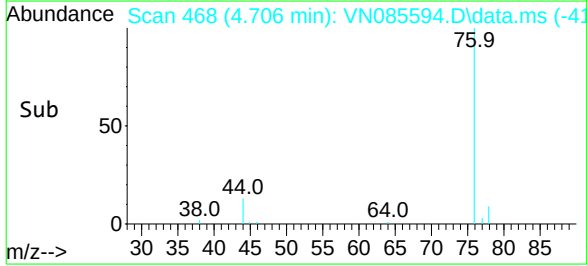
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



Tgt Ion: 76 Resp: 83044
Ion Ratio Lower Upper
76 100
78 10.0 6.9 10.3

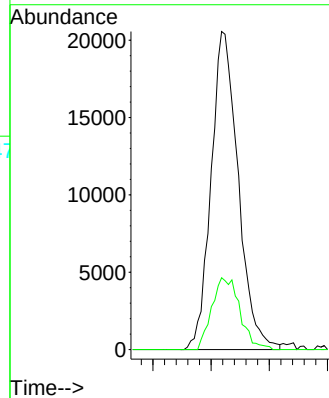
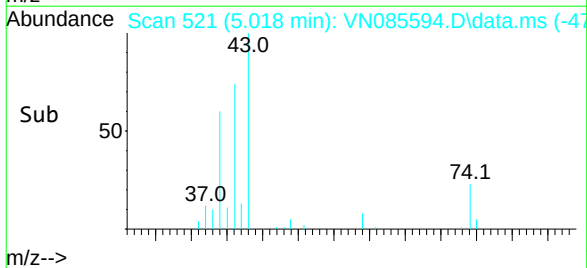
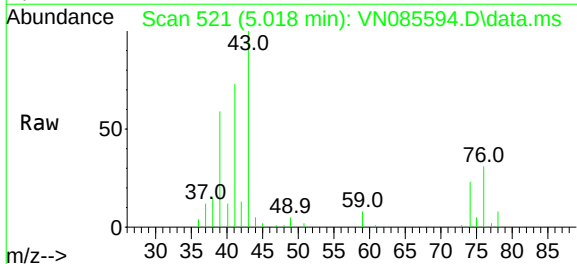
Manual Integrations
APPROVED

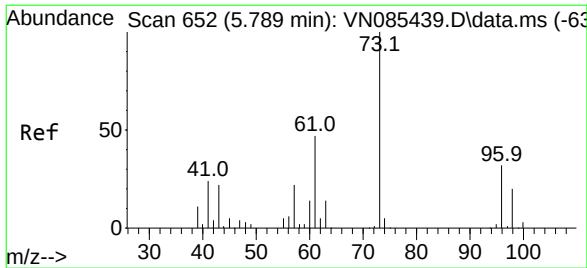
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#18
Methyl Acetate
Concen: 24.593 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion: 43 Resp: 66636
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 21.432 ug/l

RT: 5.794 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

Tgt Ion: 73 Resp: 127597

Ion Ratio Lower Upper

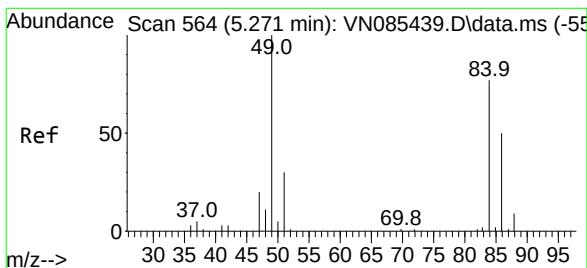
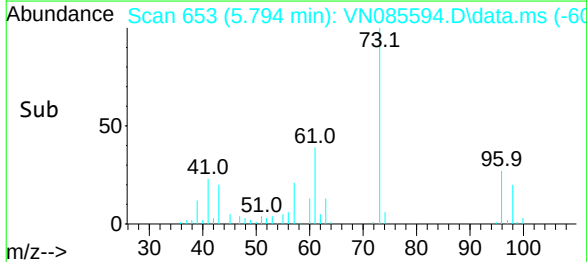
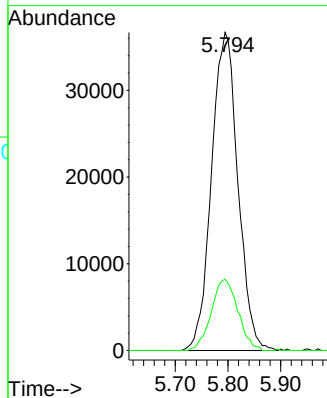
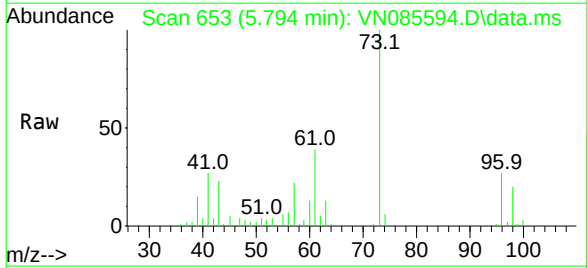
73 100

57 22.4 17.8 26.8

Manual Integrations

APPROVED

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



#20

Methylene Chloride

Concen: 19.785 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

Tgt Ion: 84 Resp: 43643

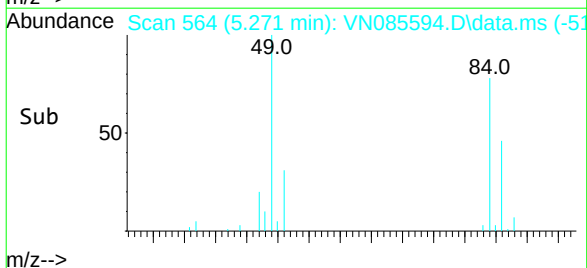
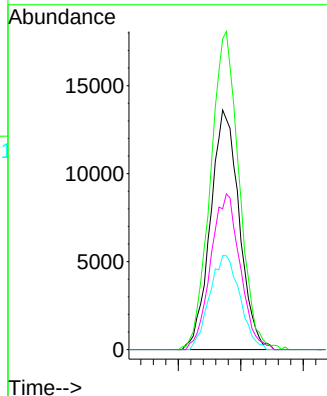
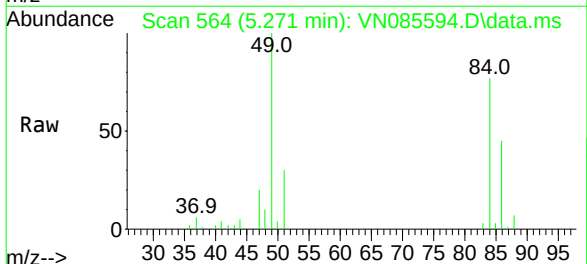
Ion Ratio Lower Upper

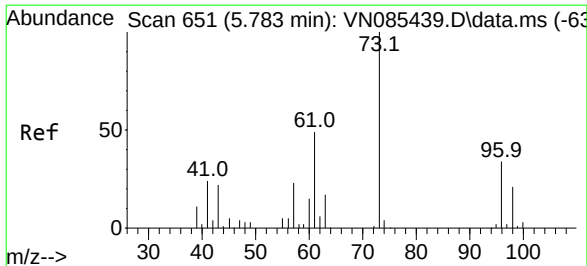
84 100

49 129.6 104.1 156.1

51 39.2 31.0 46.4

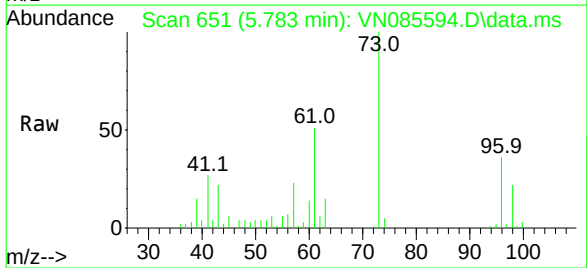
86 58.8 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 18.333 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

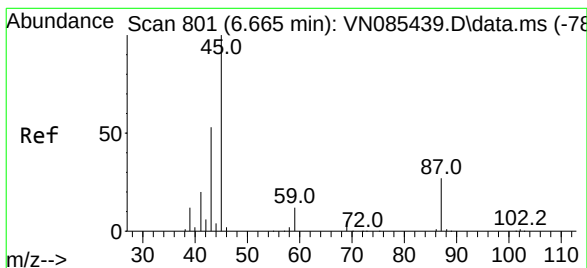
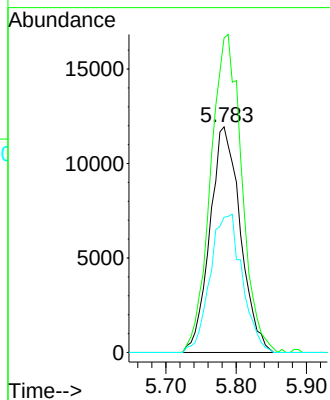
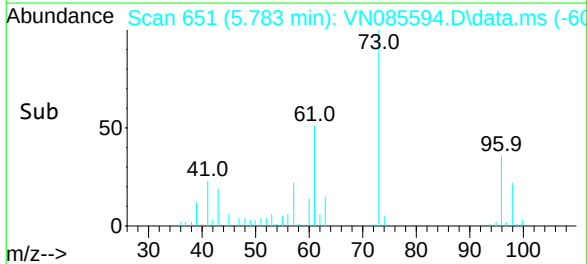
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



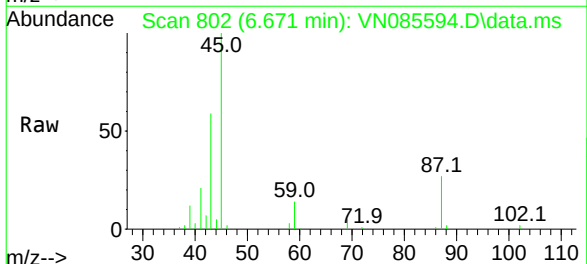
Tgt Ion:	96	Resp:	35923
Ion	Ratio	Lower	Upper
96	100		
61	139.3	115.7	173.5
98	59.9	49.8	74.8

Manual Integrations
APPROVED

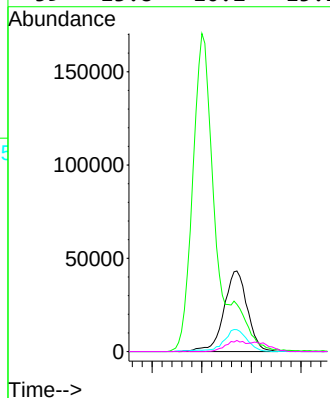
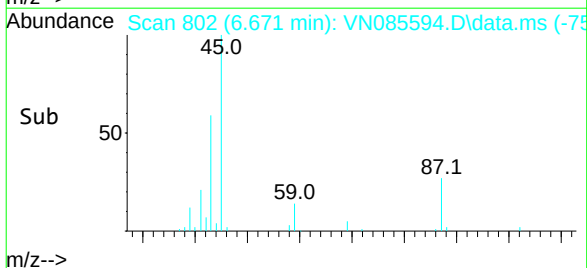
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

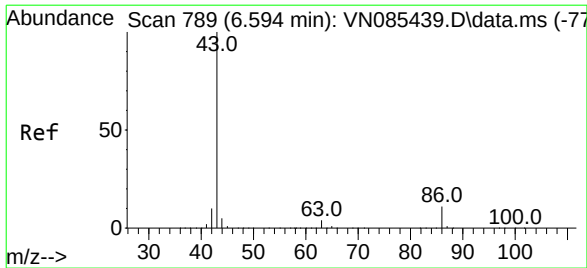


#22
Diisopropyl ether
Concen: 21.438 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39



Tgt Ion:	45	Resp:	141569
Ion	Ratio	Lower	Upper
45	100		
43	55.5	45.0	67.6
87	27.2	21.8	32.8
59	13.8	10.2	15.2





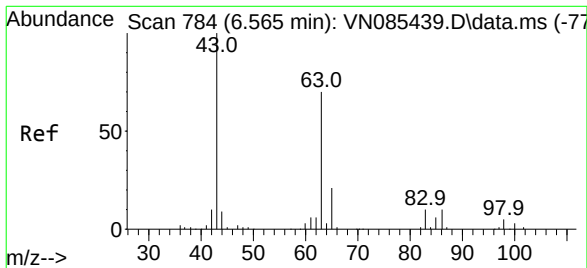
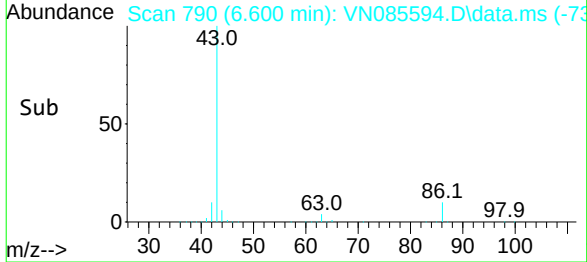
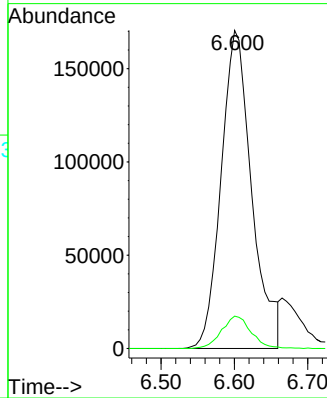
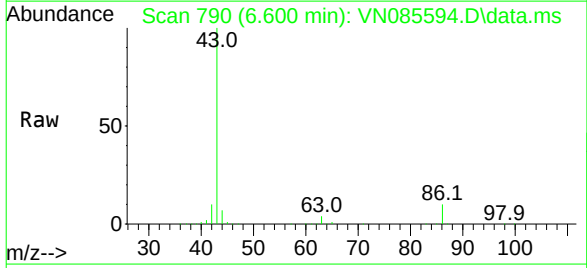
#23
 Vinyl Acetate
 Concen: 106.985 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085594.D
 Acq: 31 Jan 2025 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

Tgt Ion: 43 Resp: 494432
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.4 12.6

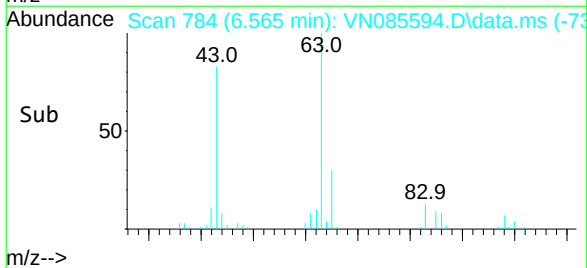
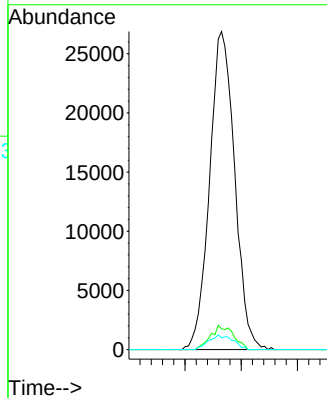
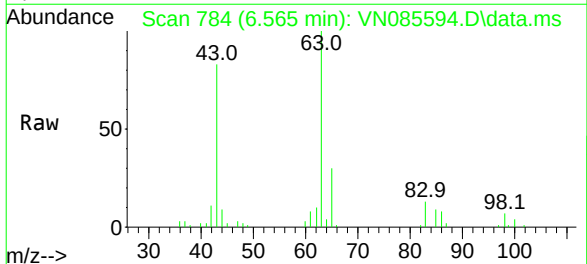
Manual Integrations
 APPROVED

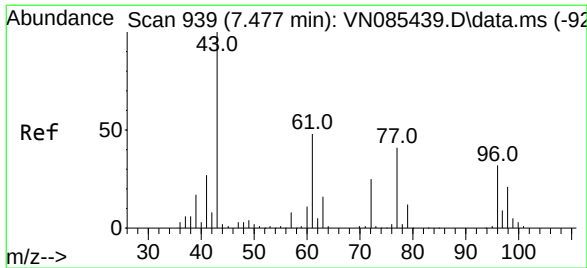
Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025



#24
 1,1-Dichloroethane
 Concen: 20.676 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085594.D
 Acq: 31 Jan 2025 11:39

Tgt Ion: 63 Resp: 83257
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 3.7 2.0 6.0





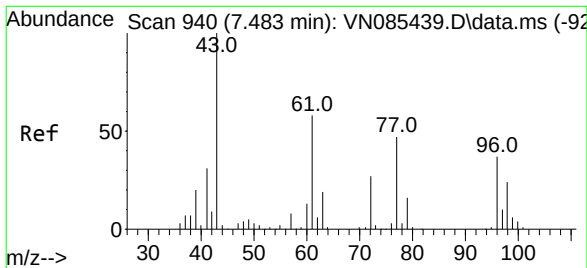
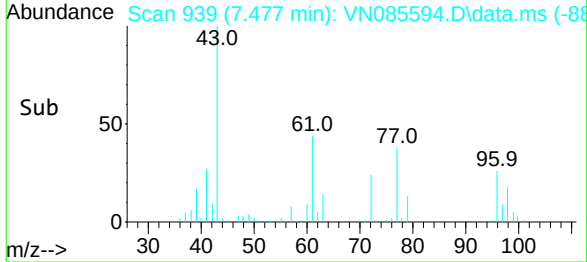
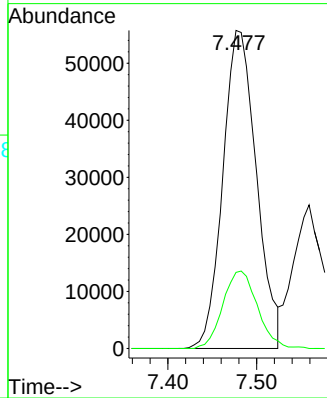
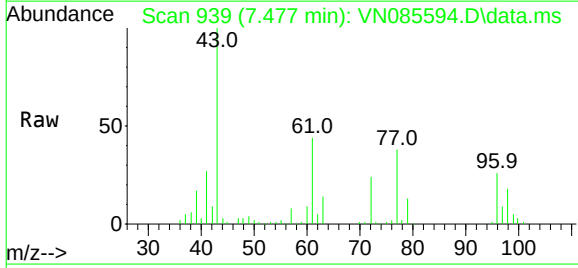
#25
2-Butanone
Concen: 111.884 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion: 43 Resp: 146709
Ion Ratio Lower Upper
43 100
72 23.9 20.2 30.4

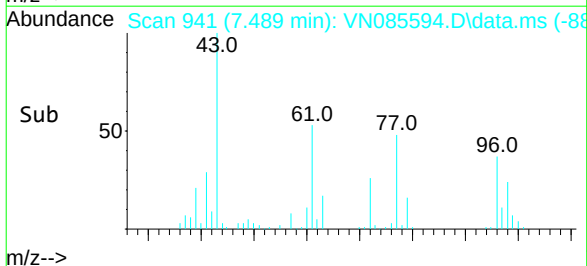
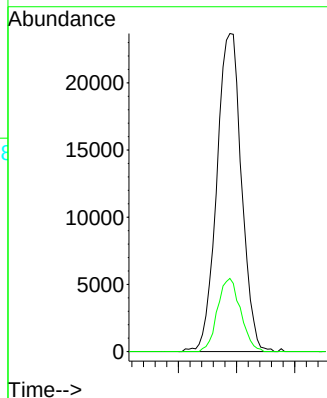
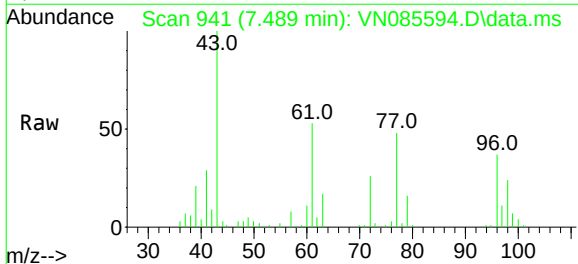
Manual Integrations
APPROVED

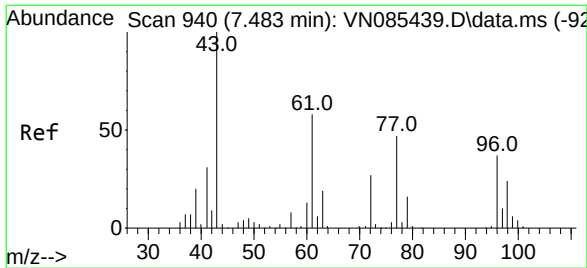
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#26
2,2-Dichloropropane
Concen: 21.467 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

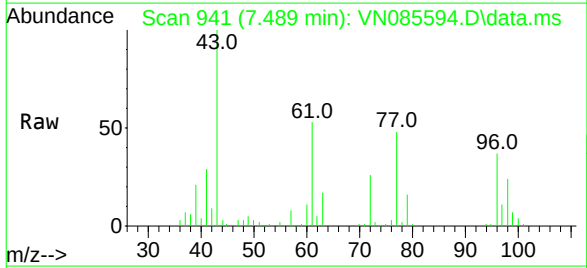
Tgt Ion: 77 Resp: 69887
Ion Ratio Lower Upper
77 100
97 21.4 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 20.181 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085594.D
 Acq: 31 Jan 2025 11:39

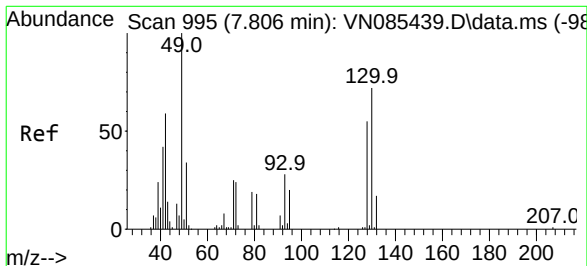
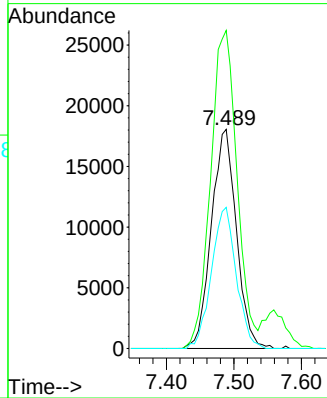
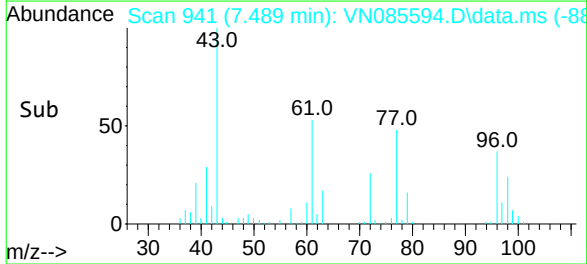
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01



Tgt Ion: 96 Resp: 46577
 Ion Ratio Lower Upper
 96 100
 61 153.5 0.0 311.8
 98 63.8 0.0 126.0

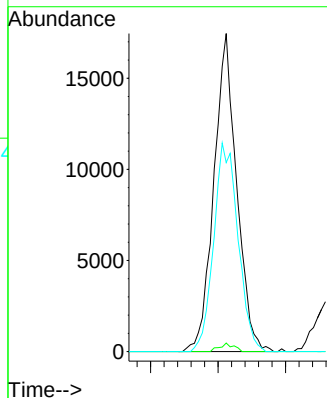
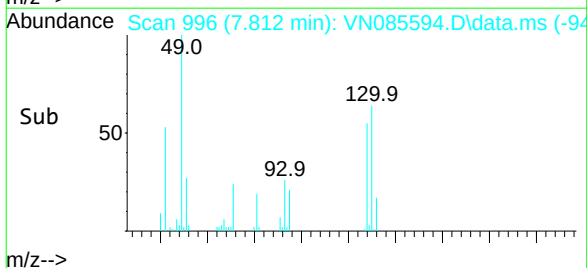
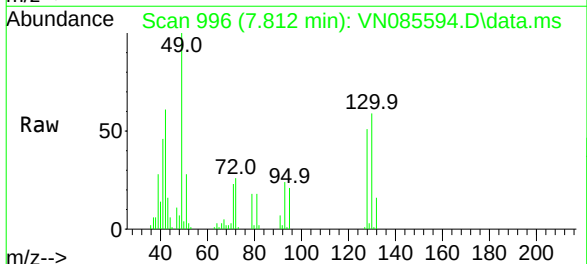
Manual Integrations
 APPROVED

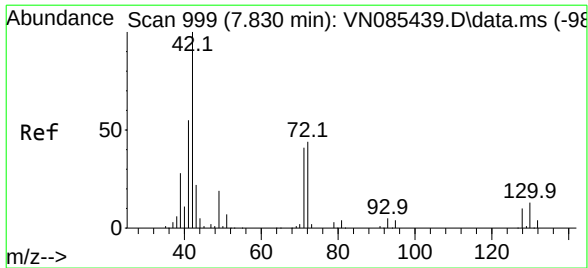
Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025



#28
 Bromochloromethane
 Concen: 21.871 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085594.D
 Acq: 31 Jan 2025 11:39

Tgt Ion: 49 Resp: 40972
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.4
 130 69.8 55.0 82.4





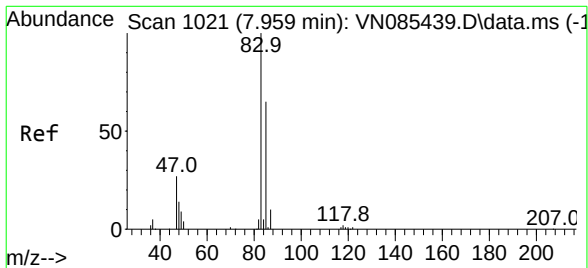
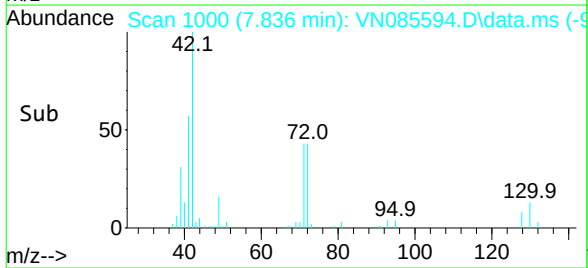
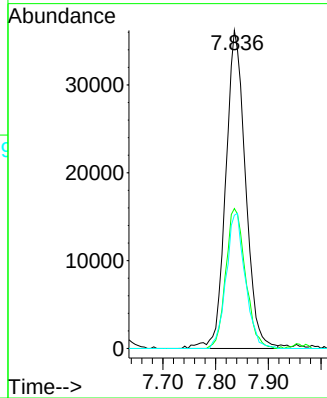
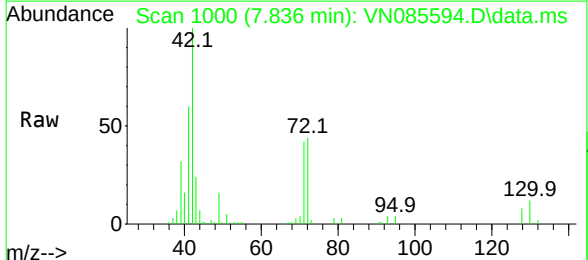
#29
Tetrahydrofuran
Concen: 113.531 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion: 42 Resp: 94383
Ion Ratio Lower Upper
42 100
72 43.8 34.2 51.2
71 40.9 32.5 48.7

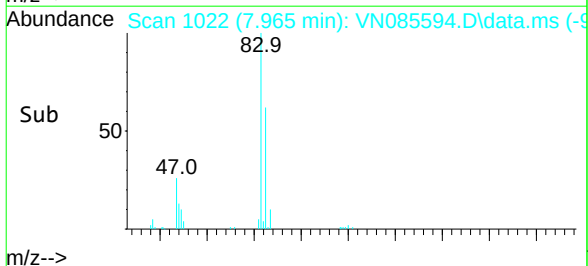
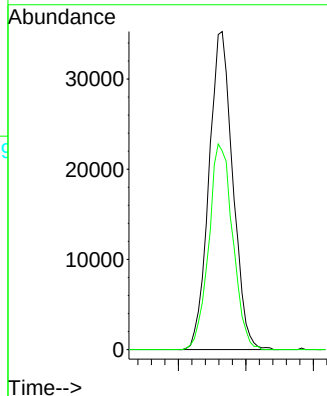
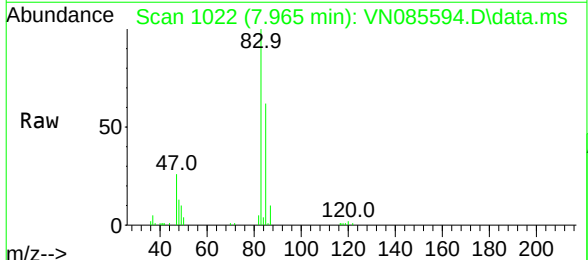
Manual Integrations
APPROVED

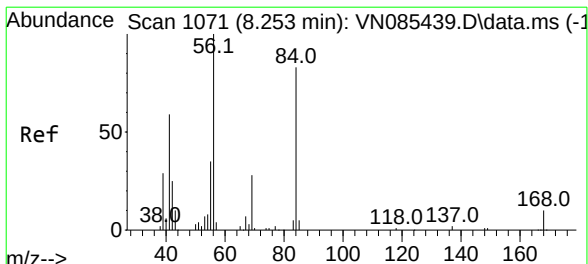
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#30
Chloroform
Concen: 20.804 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

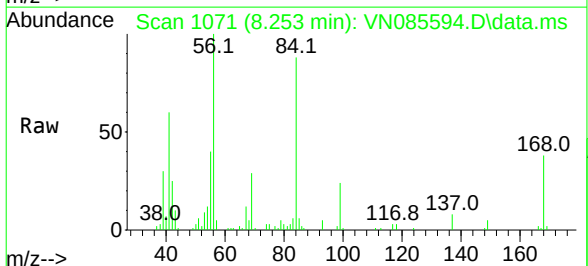
Tgt Ion: 83 Resp: 86579
Ion Ratio Lower Upper
83 100
85 62.4 51.8 77.6





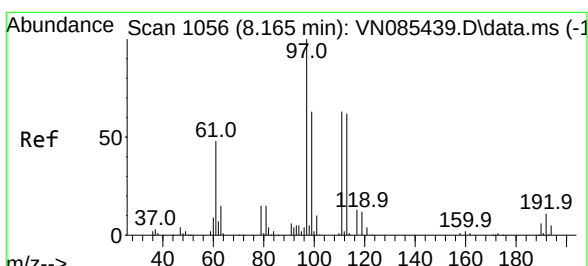
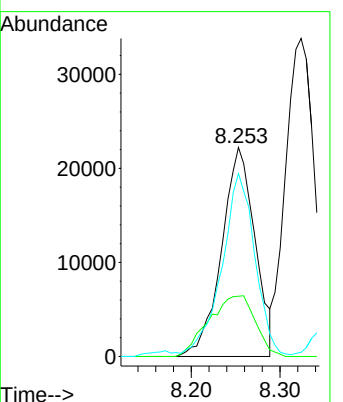
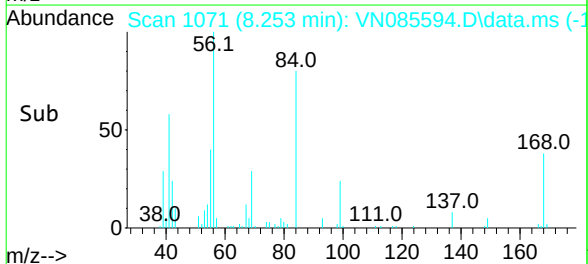
#31
Cyclohexane
Concen: 16.597 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument : MSVOA_N
ClientSampleId : VN0131WBSD01

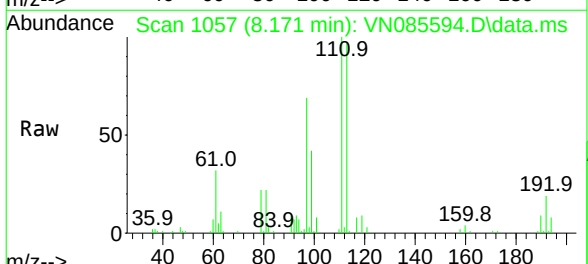


Tgt Ion:	56	Resp:	58088
Ion	Ratio	Lower	Upper
56	100		
69	28.8	22.2	33.4
84	85.9	66.4	99.6

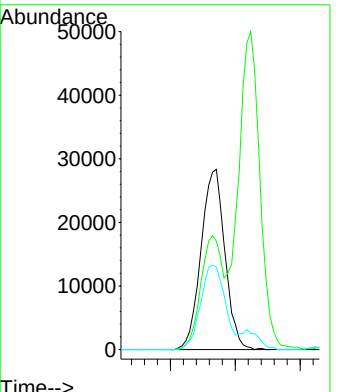
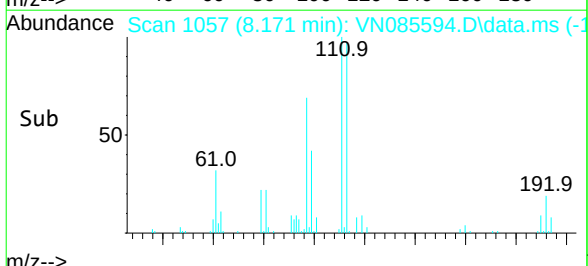
Manual Integrations
APPROVED
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

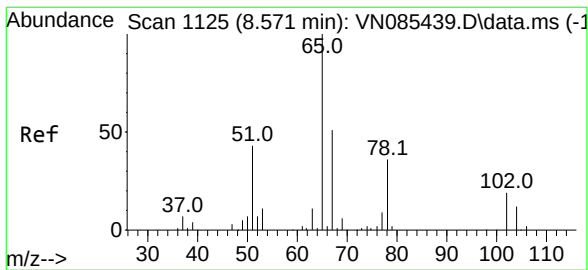


#32
1,1,1-Trichloroethane
Concen: 19.820 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39



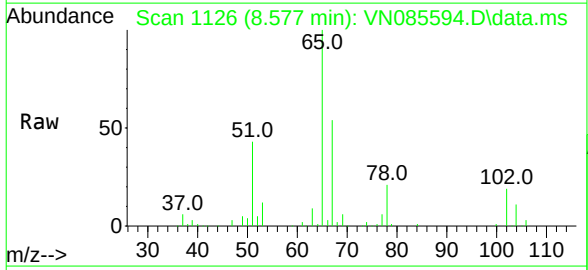
Tgt Ion:	97	Resp:	72352
Ion	Ratio	Lower	Upper
97	100		
99	56.3	49.8	74.6
61	49.2	41.4	62.2





#33
1,2-Dichloroethane-d4
Concen: 53.162 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

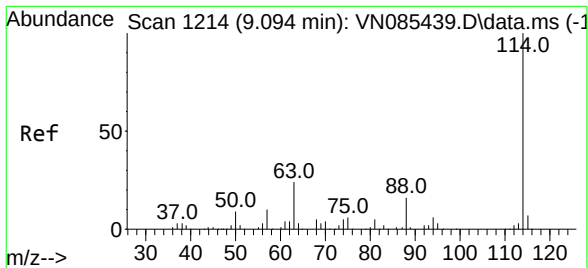
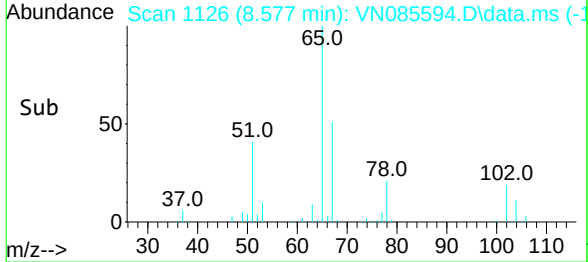
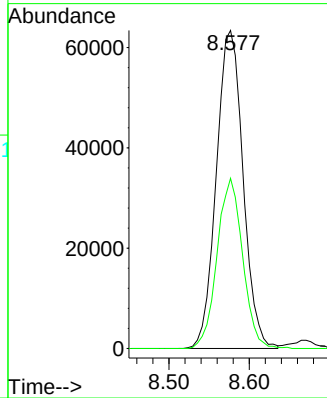
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



Tgt Ion: 65 Resp: 146607
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.6

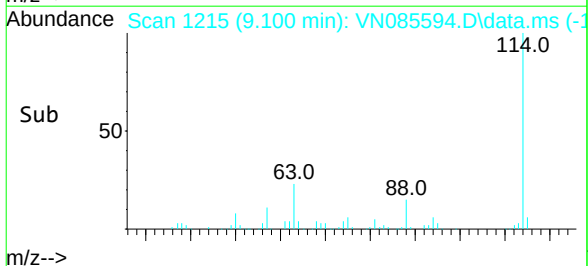
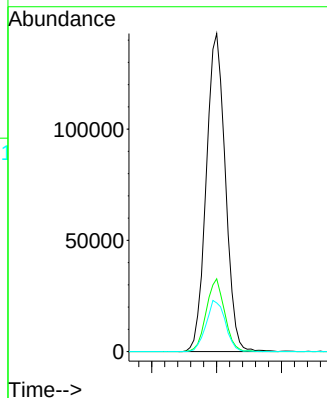
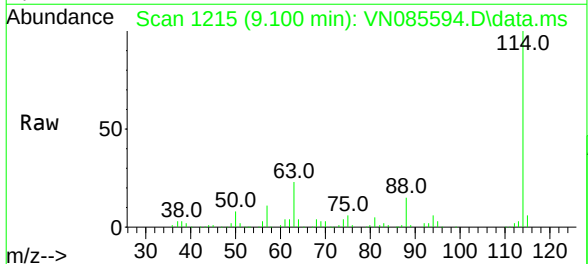
Manual Integrations
APPROVED

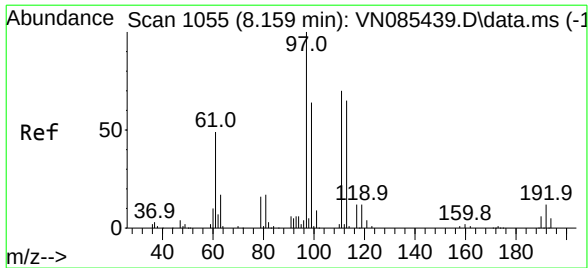
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

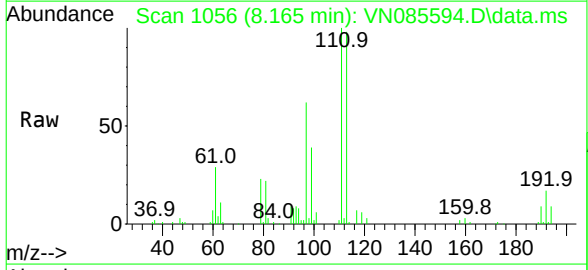
Tgt Ion:114 Resp: 291614
Ion Ratio Lower Upper
114 100
63 22.9 0.0 47.6
88 15.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.178 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

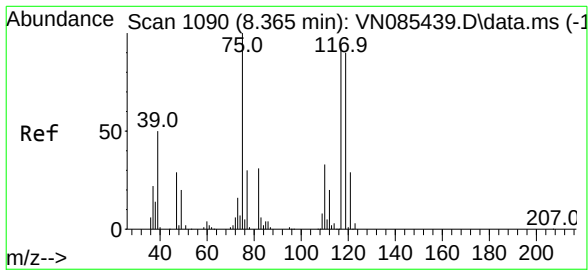
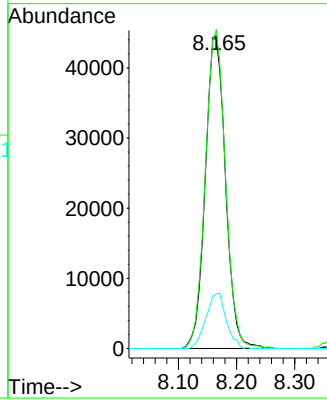
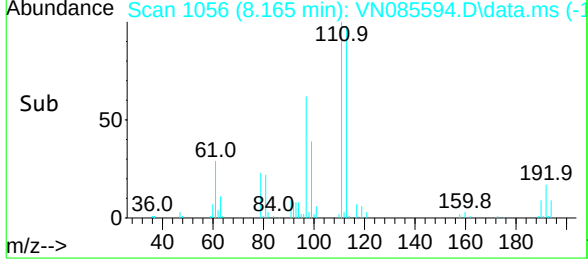
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



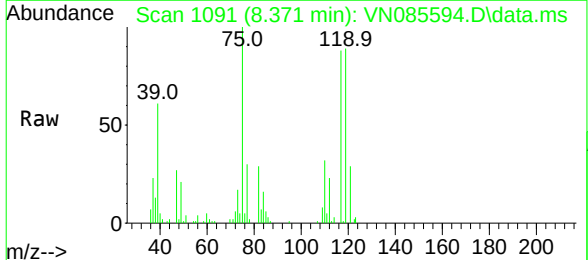
Tgt Ion: 113 Resp: 107584
Ion Ratio Lower Upper
113 100
111 102.1 82.7 124.1
192 17.8 14.3 21.5

Manual Integrations
APPROVED

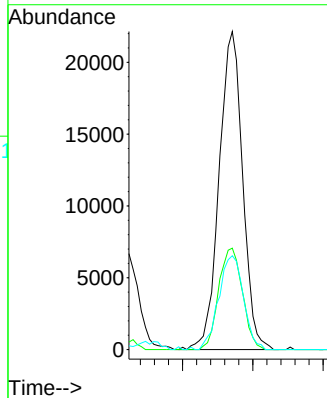
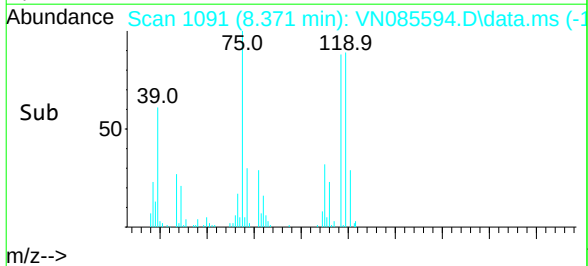
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

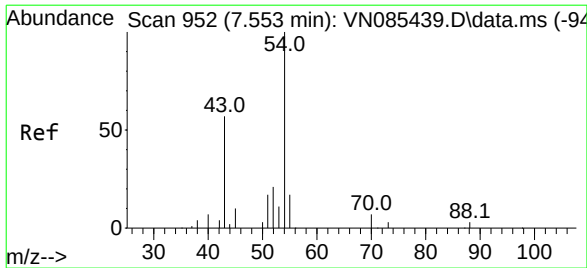


#36
1,1-Dichloropropene
Concen: 18.103 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39



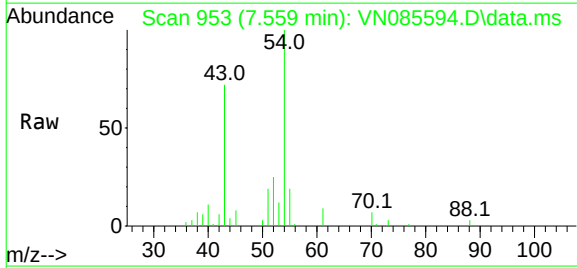
Tgt Ion: 75 Resp: 51402
Ion Ratio Lower Upper
75 100
110 32.1 16.5 49.5
77 31.2 24.4 36.6





#37
Ethyl Acetate
Concen: 21.949 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

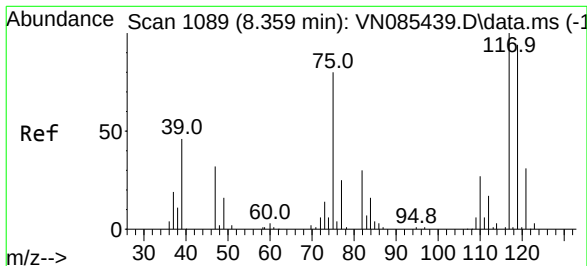
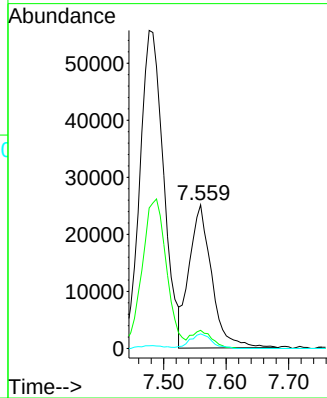
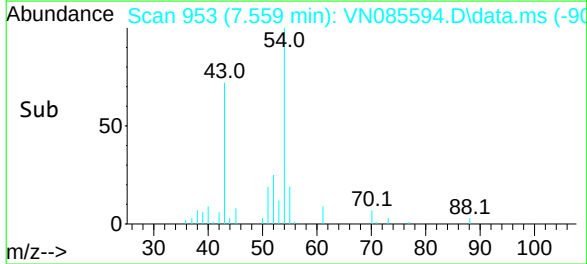
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



Tgt Ion: 43 Resp: 62903
Ion Ratio Lower Upper
43 100
61 11.6 10.9 16.3
70 9.8 7.5 11.3

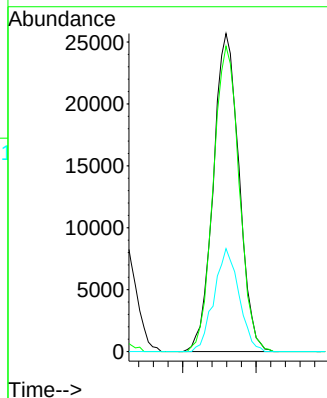
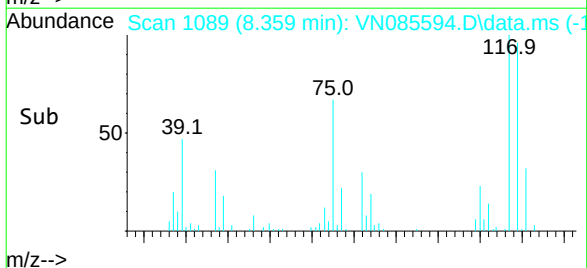
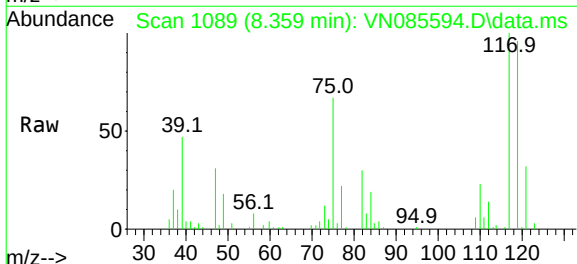
Manual Integrations
APPROVED

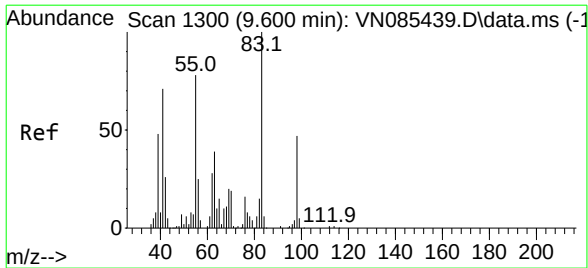
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#38
Carbon Tetrachloride
Concen: 19.262 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion:117 Resp: 62612
Ion Ratio Lower Upper
117 100
119 96.0 75.4 113.2
121 32.4 24.6 37.0





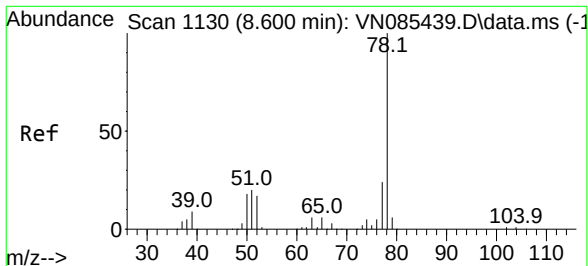
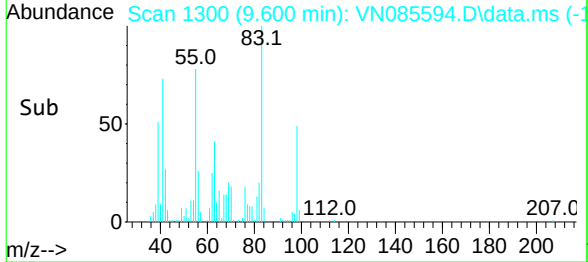
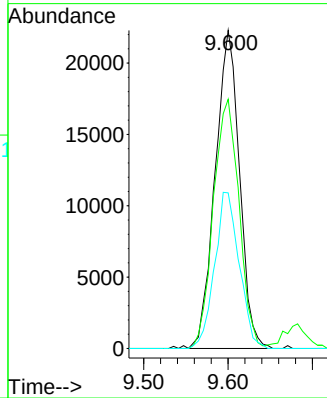
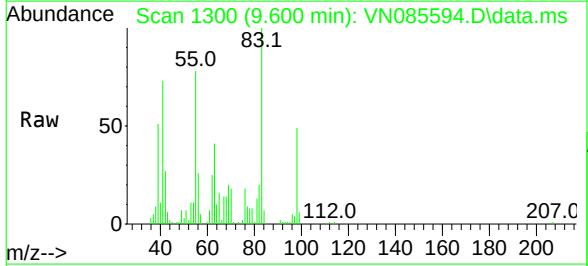
#39
Methylcyclohexane
Concen: 16.736 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion: 83 Resp: 44653
Ion Ratio Lower Upper
83 100
55 78.4 62.6 94.0
98 48.9 37.7 56.5

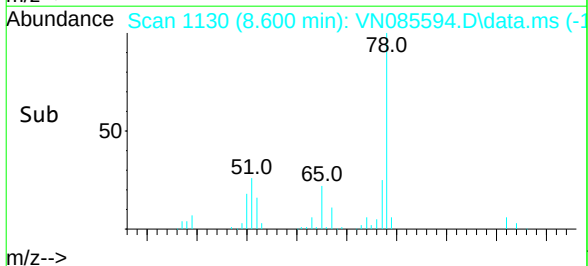
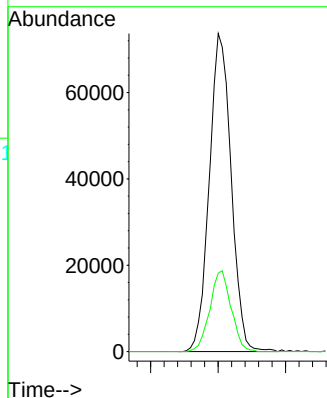
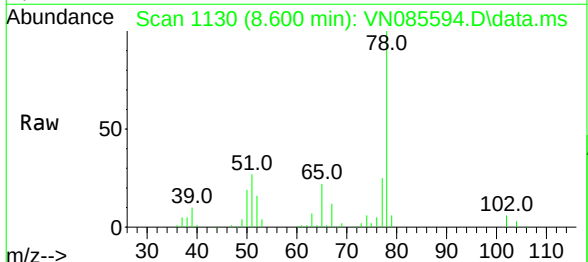
Manual Integrations
APPROVED

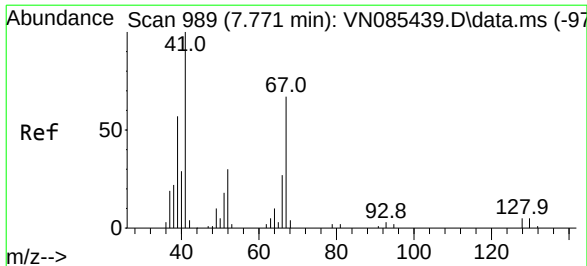
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#40
Benzene
Concen: 19.432 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion: 78 Resp: 165782
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.6





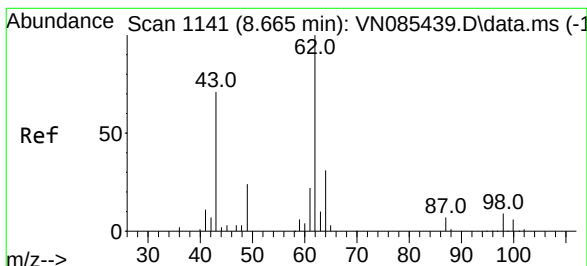
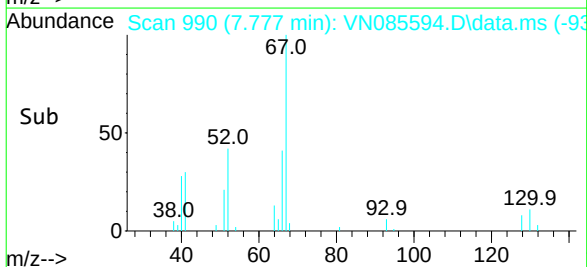
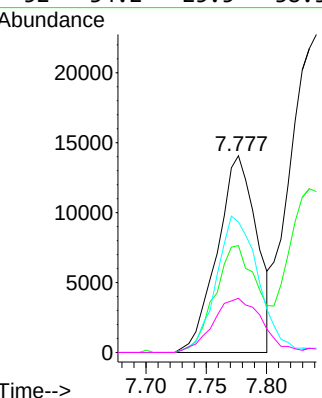
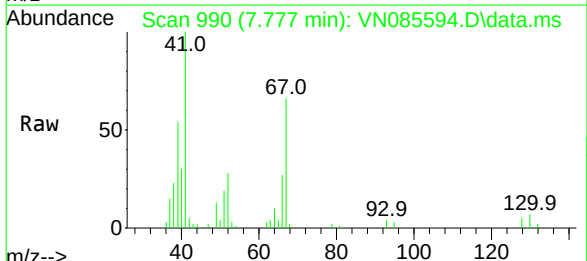
#41
Methacrylonitrile
Concen: 21.512 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion:	41	Resp:	32075
Ion	Ratio	Lower	Upper
41	100		
39	61.1	46.0	69.0
67	74.3	57.4	86.2
52	34.2	25.5	38.3

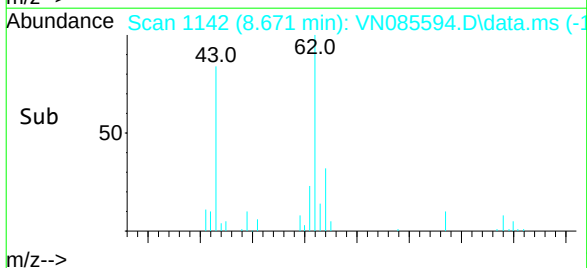
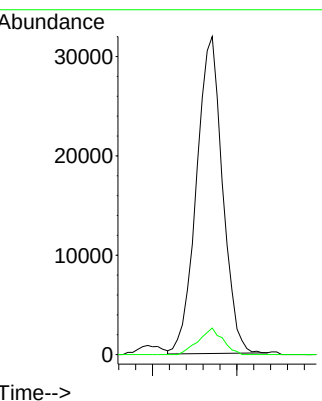
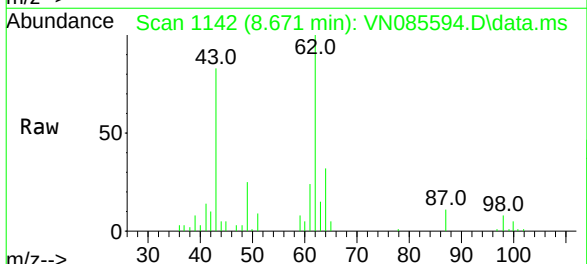
Manual Integrations
APPROVED

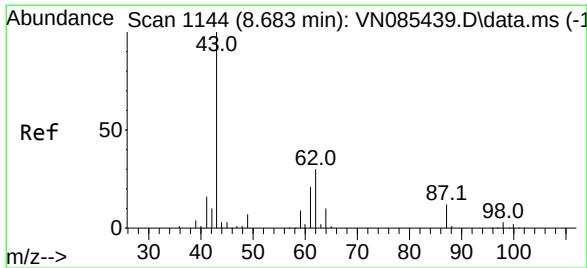
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#42
1,2-Dichloroethane
Concen: 21.342 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion:	62	Resp:	68576
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	17.0





#43

Isopropyl Acetate

Concen: 22.204 ug/l

RT: 8.688 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

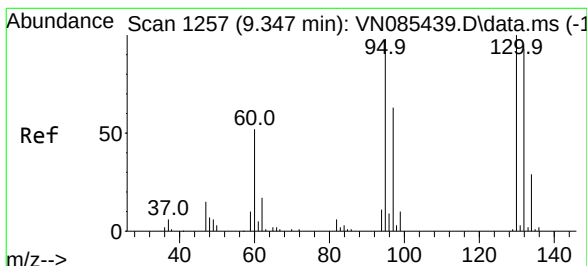
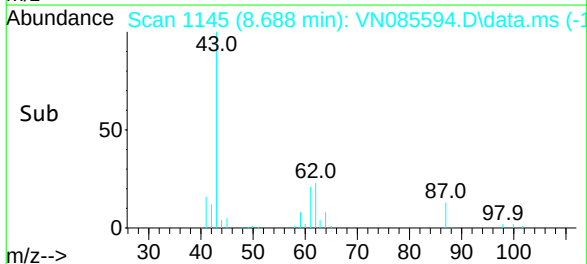
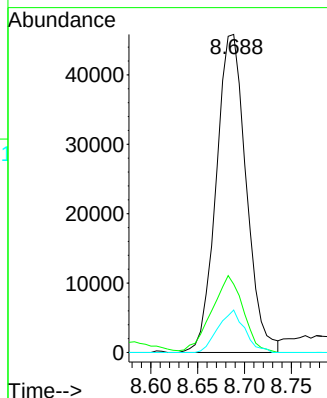
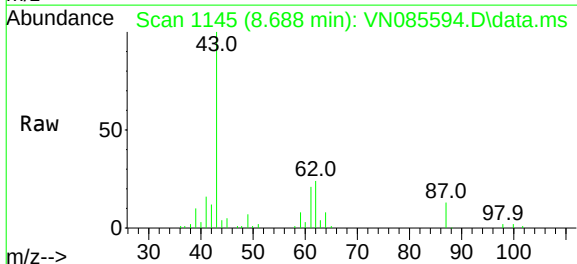
VN0131WBSD01

Tgt Ion:	43	Resp:	101965
Ion	Ratio	Lower	Upper
43	100		
61	25.5	20.7	31.1
87	11.9	9.8	14.8

Manual Integrations

APPROVED

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



#44

Trichloroethene

Concen: 18.913 ug/l

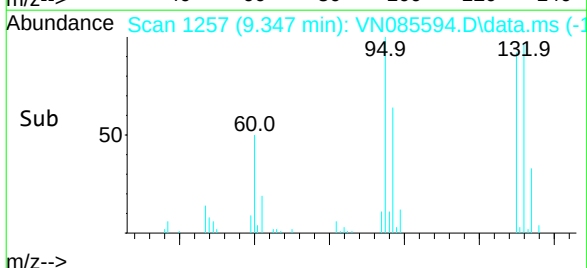
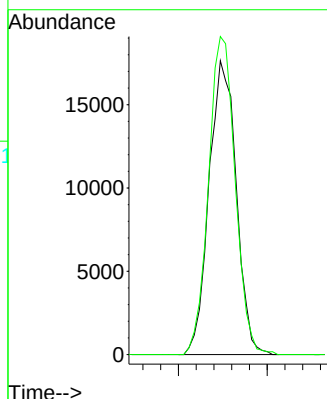
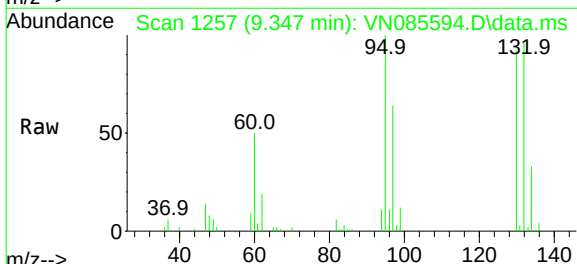
RT: 9.347 min Scan# 1257

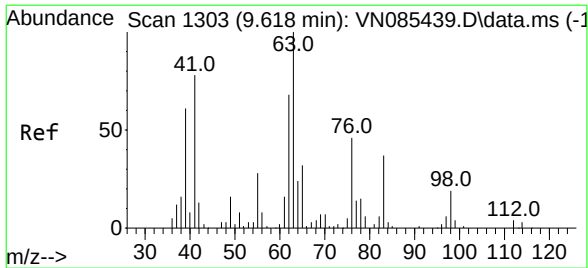
Delta R.T. 0.000 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

Tgt Ion:	130	Resp:	37559
Ion	Ratio	Lower	Upper
130	100		
95	108.3	0.0	195.8





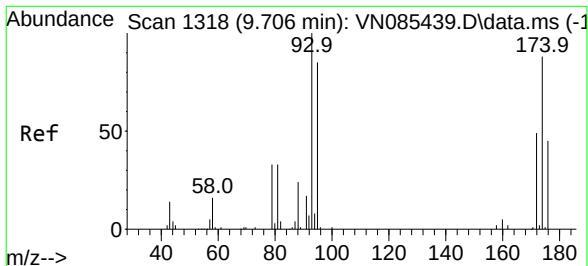
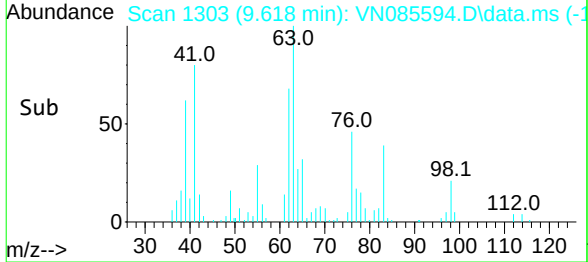
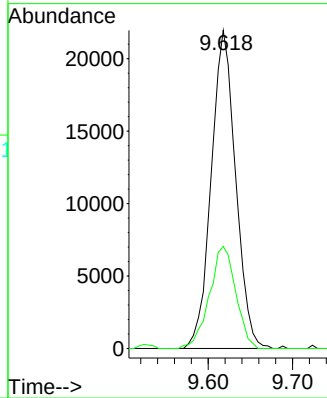
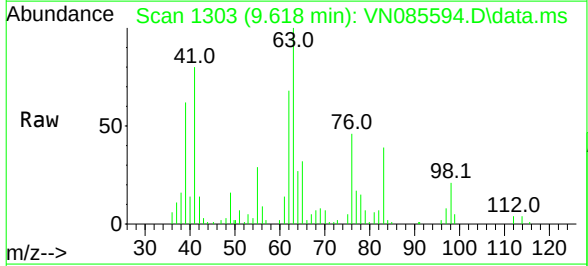
#45
1,2-Dichloropropane
Concen: 20.256 ug/l
RT: 9.618 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion: 63 Resp: 44141
Ion Ratio Lower Upper
63 100
65 32.1 25.6 38.4

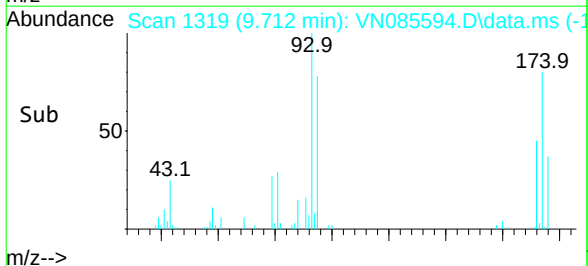
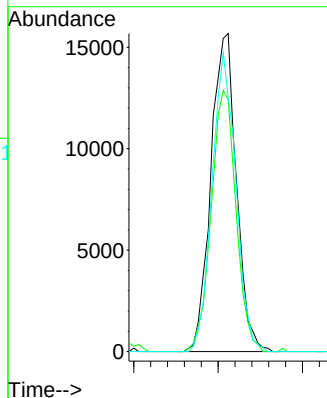
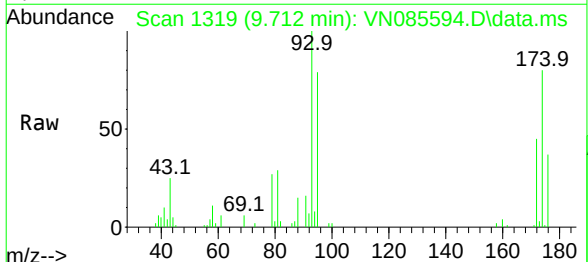
Manual Integrations
APPROVED

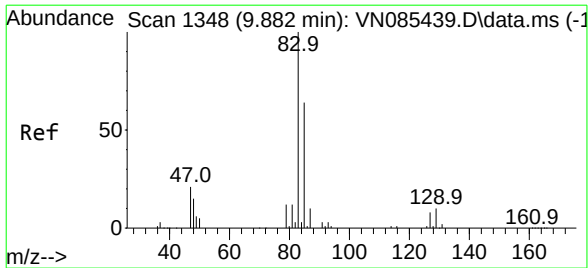
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#46
Dibromomethane
Concen: 20.937 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion: 93 Resp: 32921
Ion Ratio Lower Upper
93 100
95 80.0 64.7 97.1
174 88.0 69.0 103.4





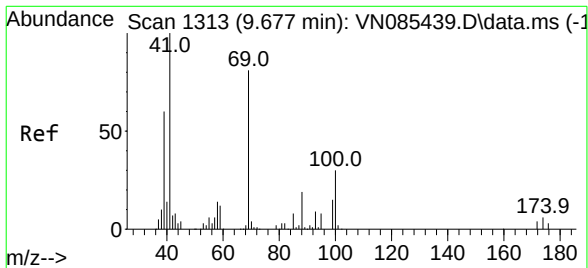
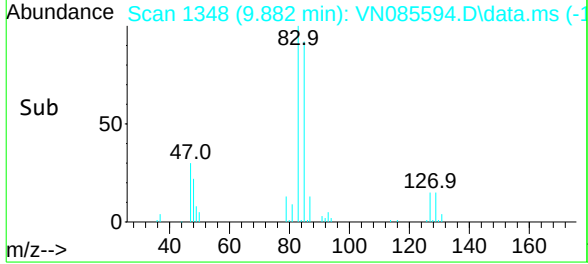
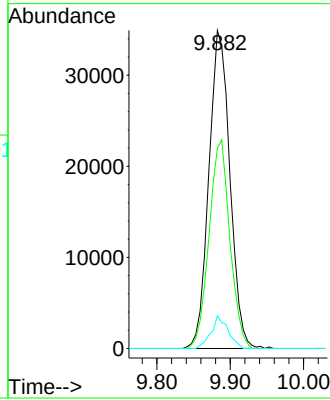
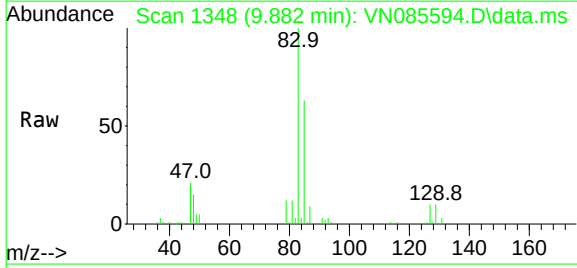
#47
Bromodichloromethane
Concen: 21.675 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.2	76.8
127	10.3	6.5	9.7

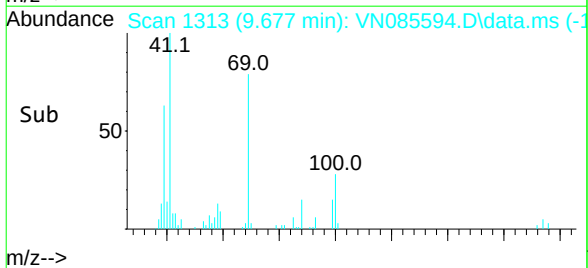
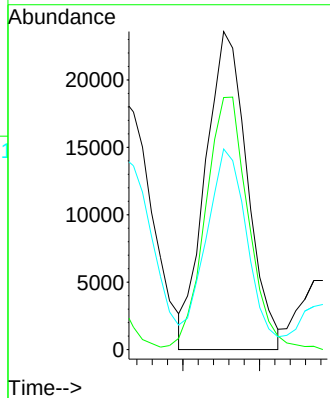
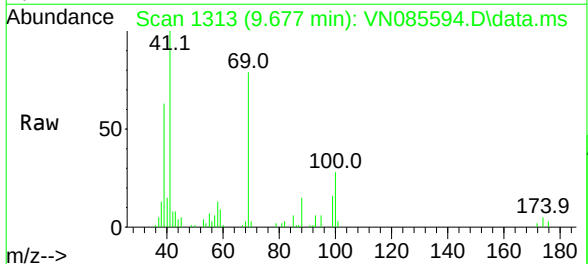
Manual Integrations
APPROVED

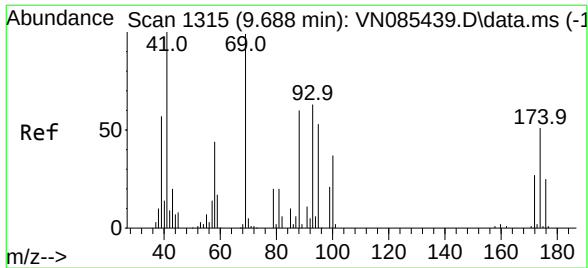
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#48
Methyl methacrylate
Concen: 21.677 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

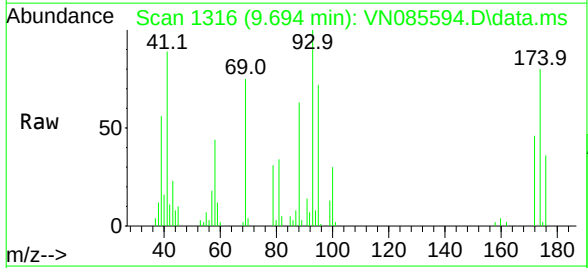
Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.4	64.7	97.1
39	62.3	49.0	73.6





#49
1,4-Dioxane
Concen: 428.980 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

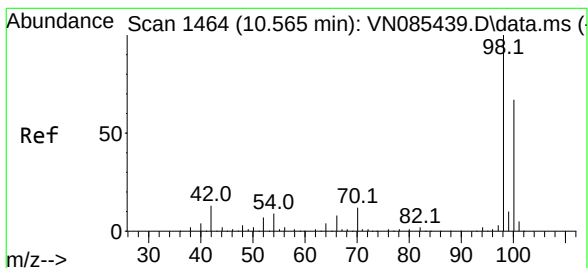
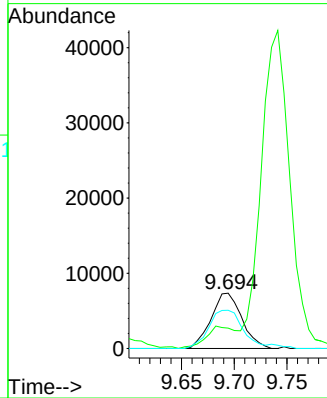
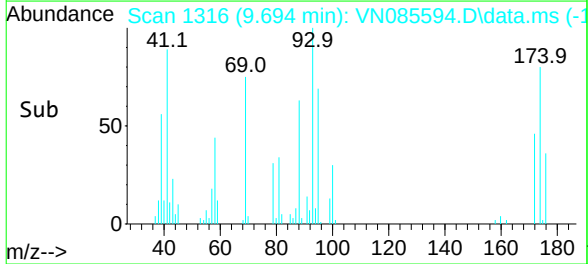
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



Tgt Ion: 88 Resp: 14929
Ion Ratio Lower Upper
88 100
43 41.2 26.6 39.8#
58 79.4 59.5 89.3

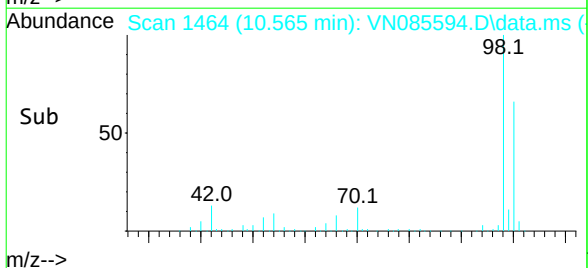
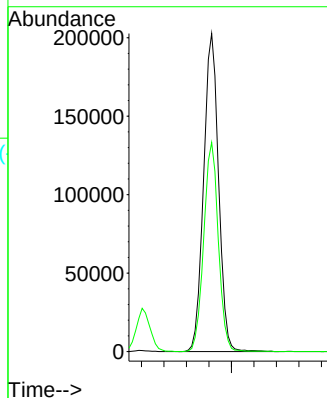
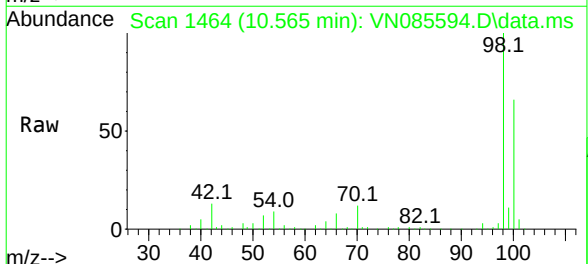
Manual Integrations
APPROVED

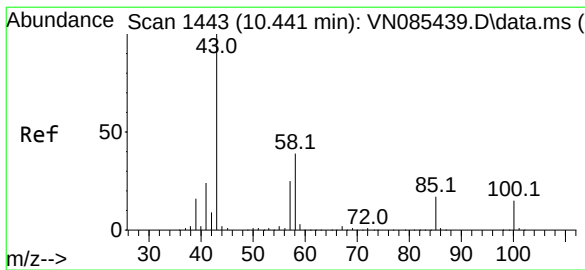
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#50
Toluene-d8
Concen: 52.125 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion: 98 Resp: 374675
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4





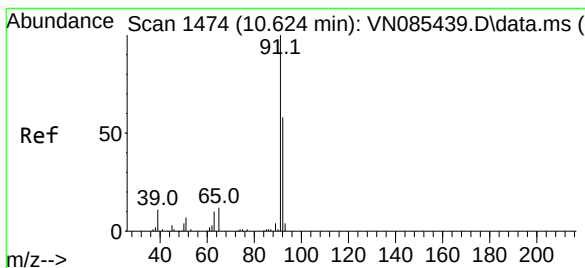
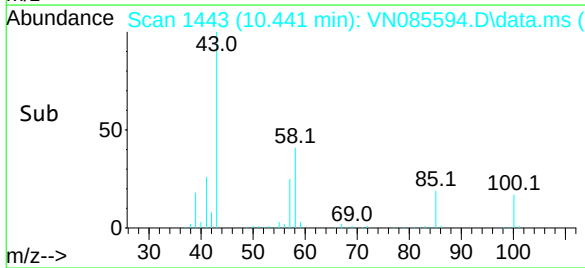
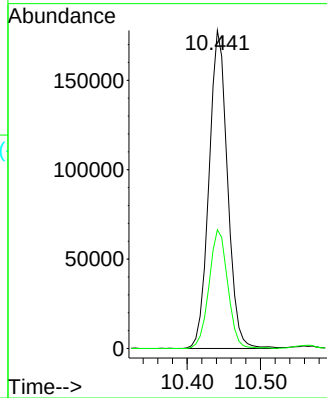
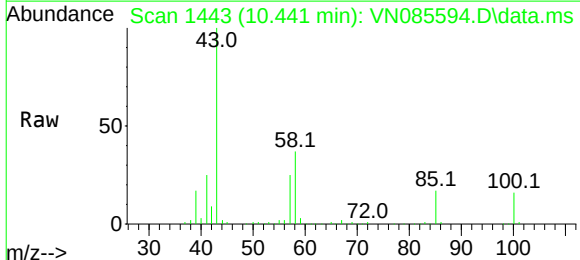
#51
4-Methyl-2-Pentanone
Concen: 117.136 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion: 43 Resp: 312143
Ion Ratio Lower Upper
43 100
58 37.7 30.5 45.7

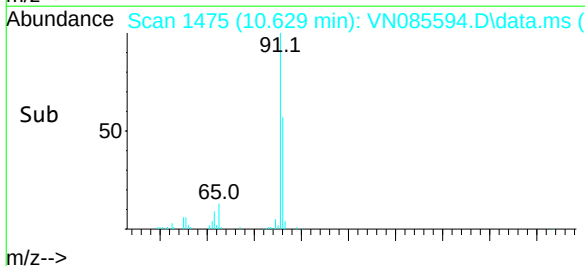
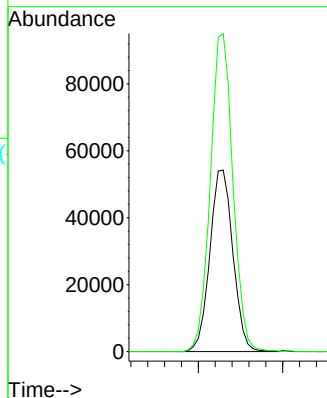
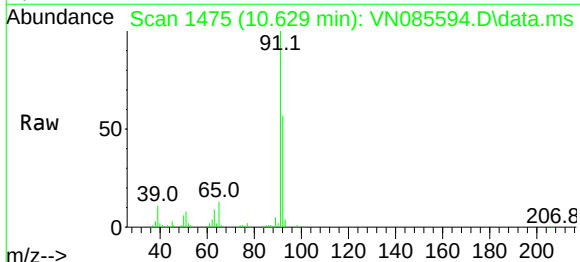
Manual Integrations
APPROVED

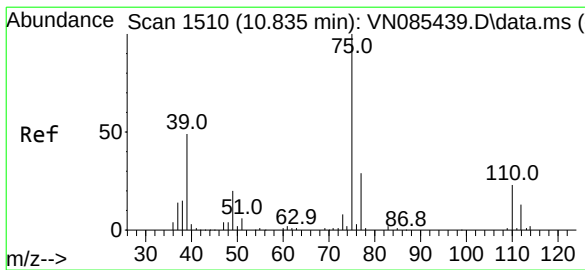
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#52
Toluene
Concen: 20.836 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

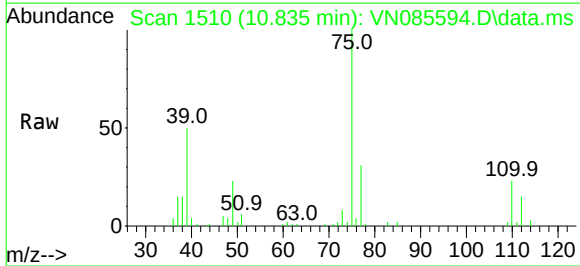
Tgt Ion: 92 Resp: 102996
Ion Ratio Lower Upper
92 100
91 171.7 139.2 208.8





#53
 t-1,3-Dichloropropene
 Concen: 20.885 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN085594.D
 Acq: 31 Jan 2025 11:39

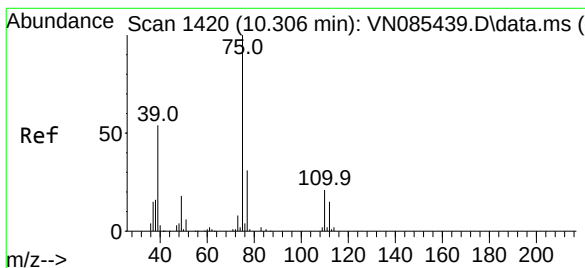
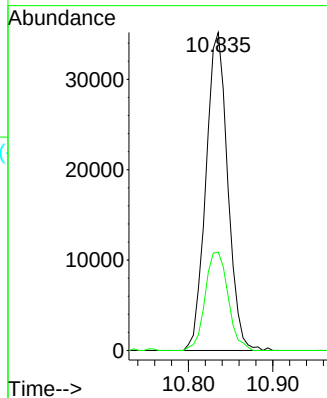
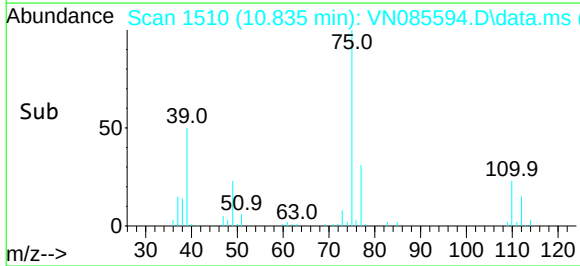
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01



Tgt Ion: 75 Resp: 63224
 Ion Ratio Lower Upper
 75 100
 77 31.0 23.5 35.3

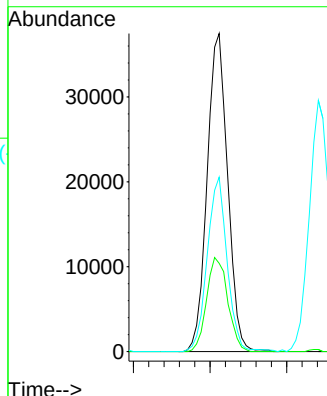
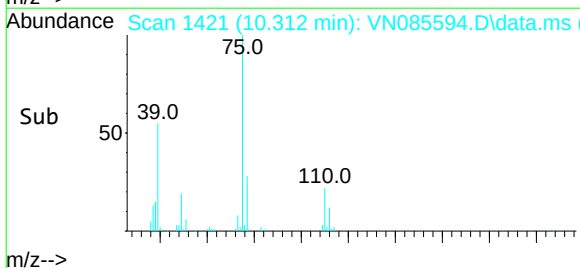
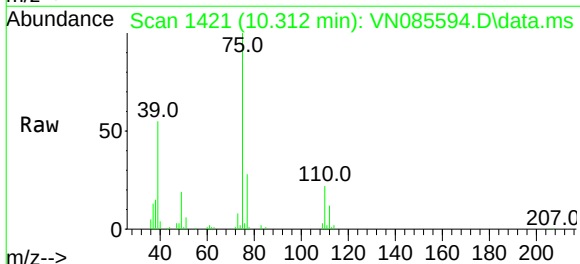
Manual Integrations
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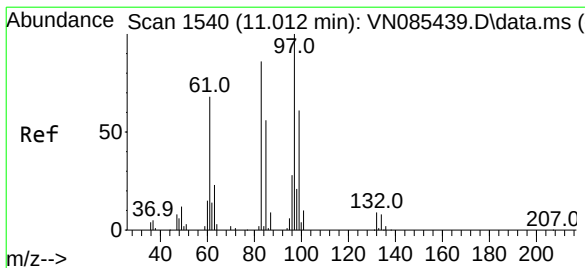
Reviewed By :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025



#54
 cis-1,3-Dichloropropene
 Concen: 21.537 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085594.D
 Acq: 31 Jan 2025 11:39

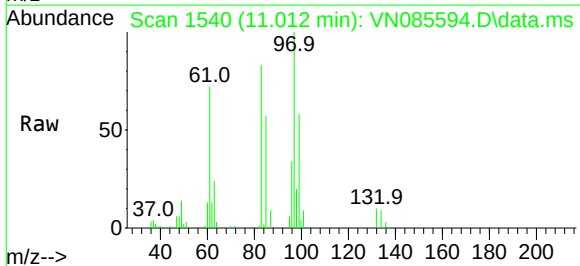
Tgt Ion: 75 Resp: 69645
 Ion Ratio Lower Upper
 75 100
 77 27.8 25.0 37.4
 39 54.8 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 22.425 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

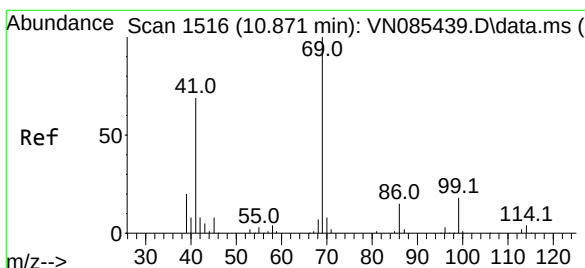
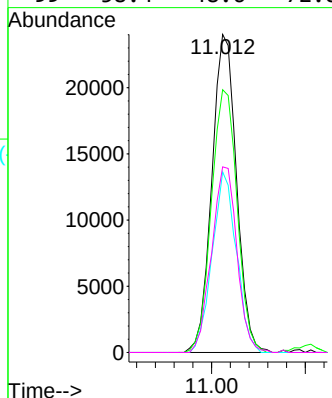
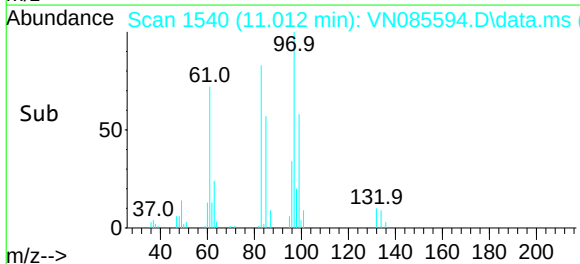
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



Tgt Ion:	97	Resp:	43870
Ion	Ratio	Lower	Upper
97	100		
83	82.6	69.0	103.6
85	56.8	44.6	66.8
99	58.4	48.6	72.8

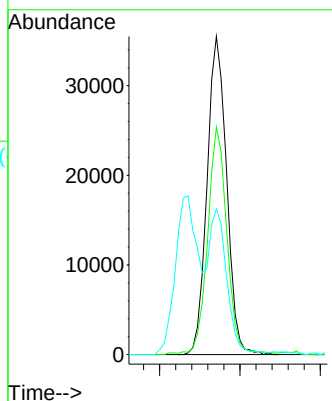
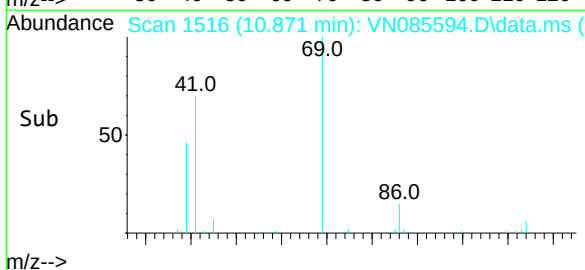
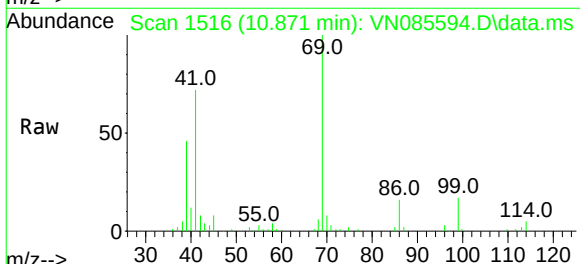
Manual Integrations
APPROVED

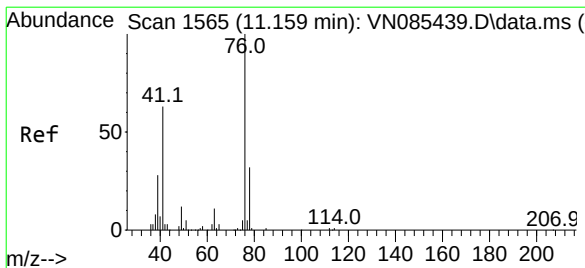
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#56
Ethyl methacrylate
Concen: 19.440 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

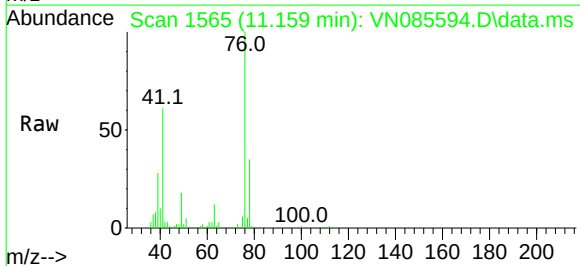
Tgt Ion:	69	Resp:	60017
Ion	Ratio	Lower	Upper
69	100		
41	70.8	54.6	82.0
39	44.1	32.4	48.6





#57
1,3-Dichloropropane
Concen: 21.583 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

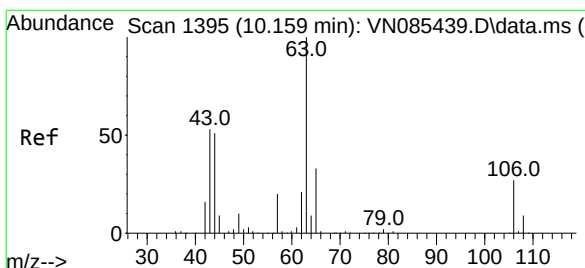
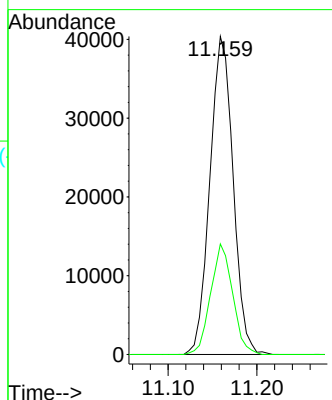
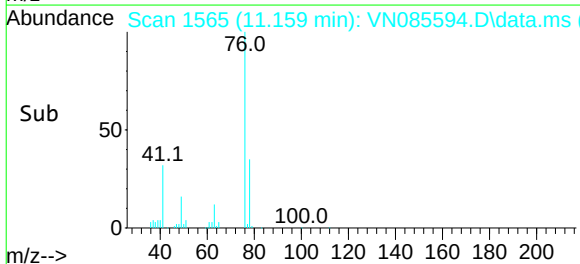
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



Tgt Ion: 76 Resp: 73415
Ion Ratio Lower Upper
76 100
78 32.9 25.6 38.4

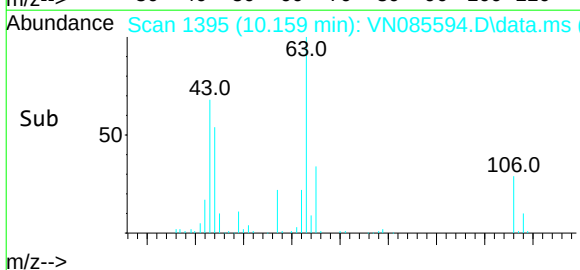
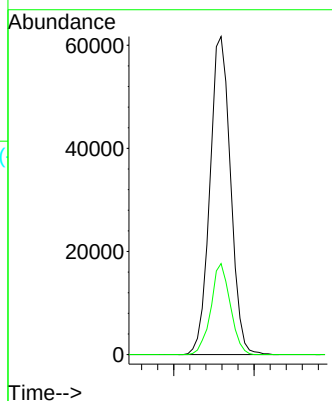
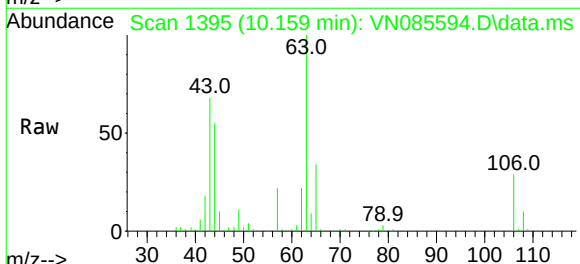
Manual Integrations
APPROVED

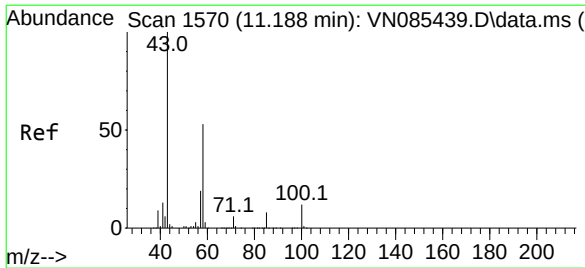
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 88.796 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion: 63 Resp: 110235
Ion Ratio Lower Upper
63 100
106 26.9 21.6 32.4





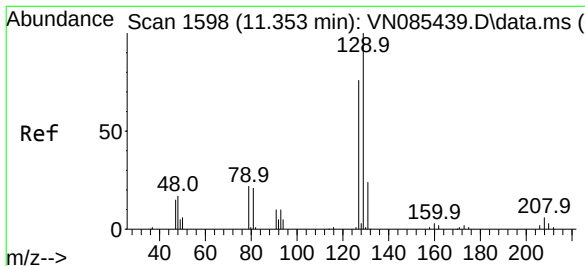
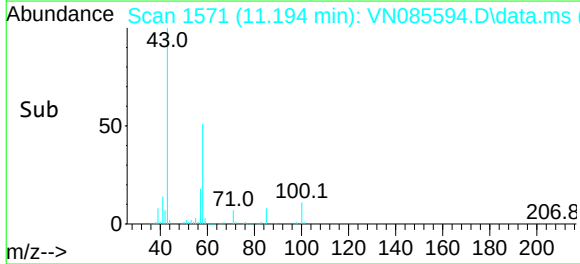
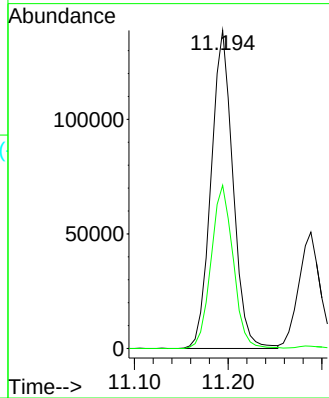
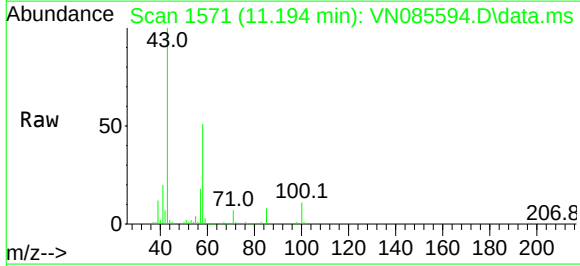
#59
2-Hexanone
Concen: 120.099 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion: 43 Resp: 225189
Ion Ratio Lower Upper
43 100
58 51.7 26.2 78.6

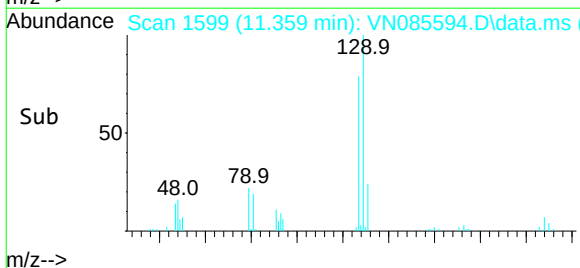
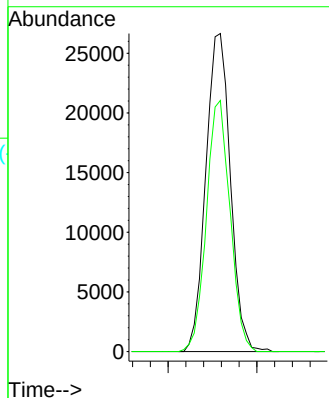
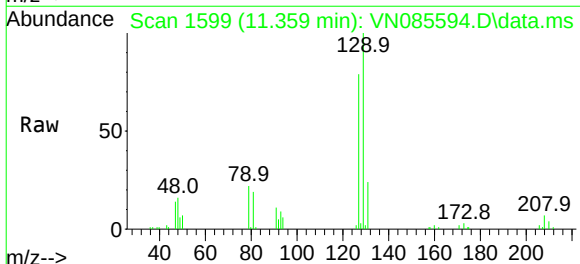
Manual Integrations
APPROVED

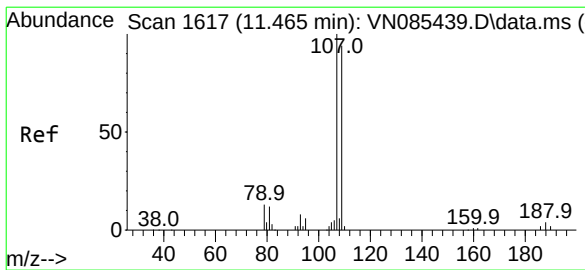
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#60
Dibromochloromethane
Concen: 21.720 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion:129 Resp: 51298
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.8





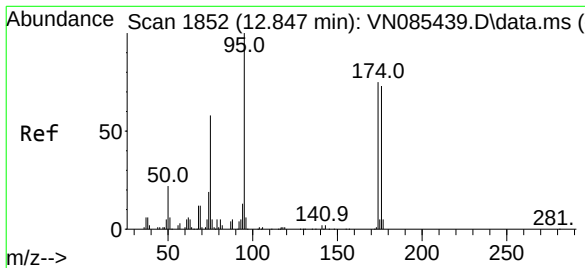
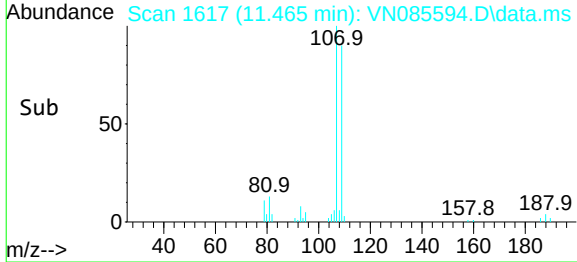
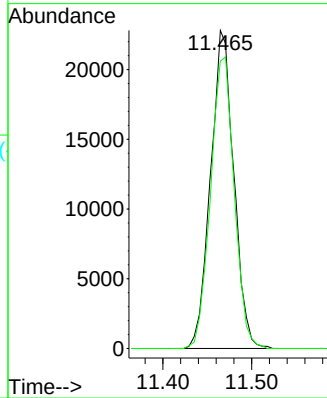
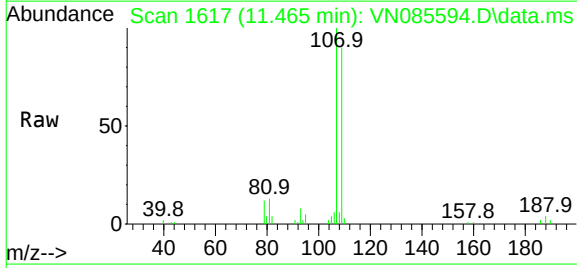
#61
1,2-Dibromoethane
Concen: 21.274 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion: 107 Resp: 41427
Ion Ratio Lower Upper
107 100
109 93.2 75.9 113.9

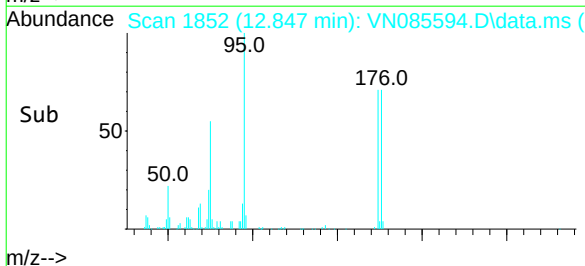
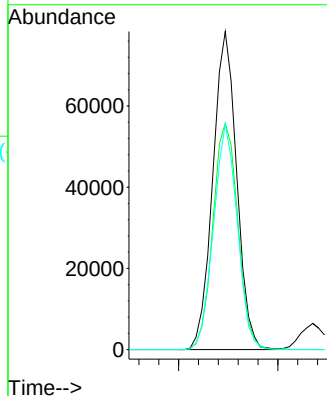
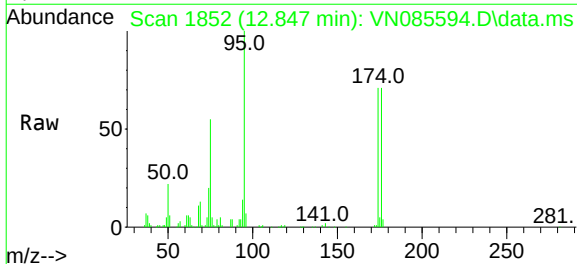
Manual Integrations
APPROVED

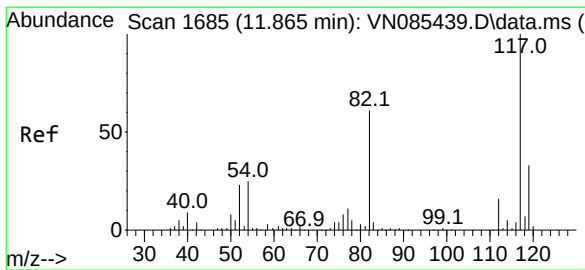
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#62
4-Bromofluorobenzene
Concen: 53.215 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

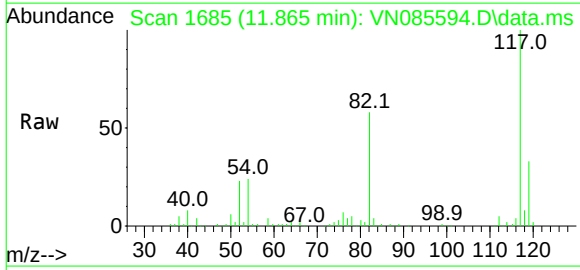
Tgt Ion: 95 Resp: 130847
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.0
176 70.6 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

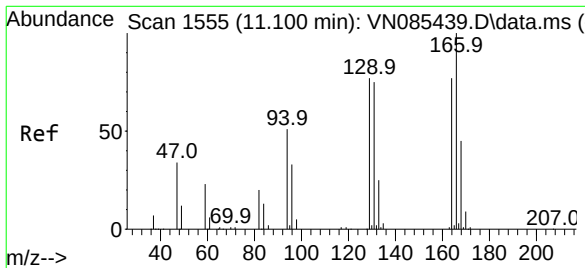
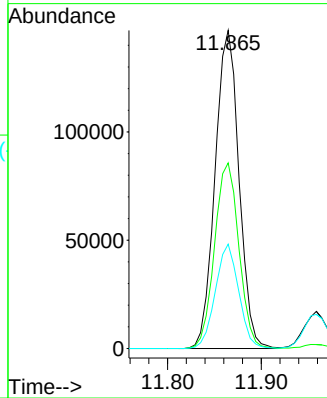
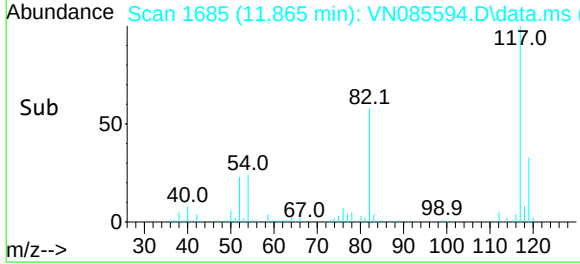
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



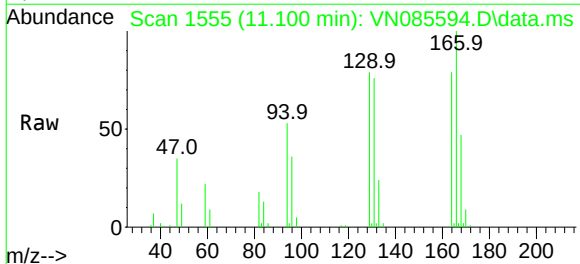
Tgt Ion:117 Resp: 260387
Ion Ratio Lower Upper
117 100
82 58.4 48.6 72.8
119 32.8 26.6 39.8

Manual Integrations
APPROVED

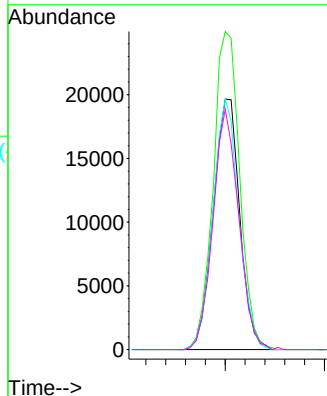
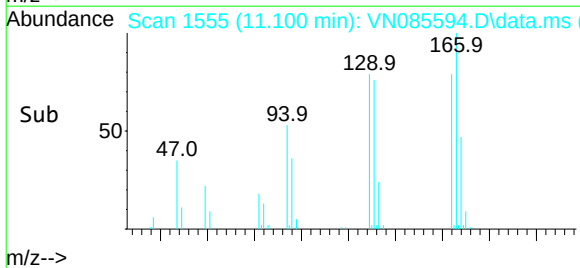
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

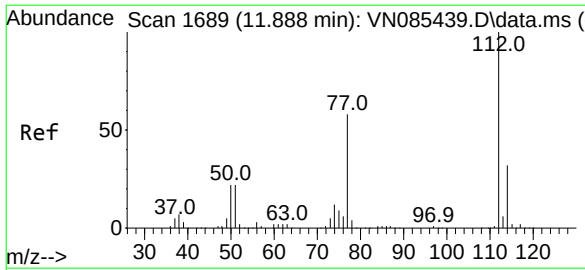


#64
Tetrachloroethene
Concen: 20.578 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39



Tgt Ion:164 Resp: 36529
Ion Ratio Lower Upper
164 100
166 127.0 103.4 155.2
129 100.0 79.2 118.8
131 95.9 77.1 115.7





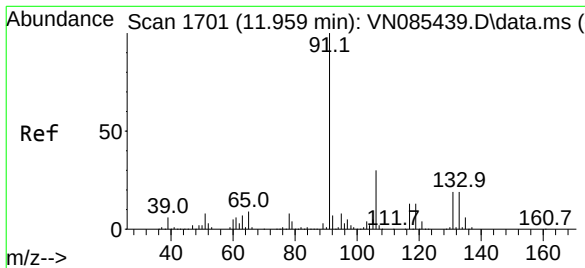
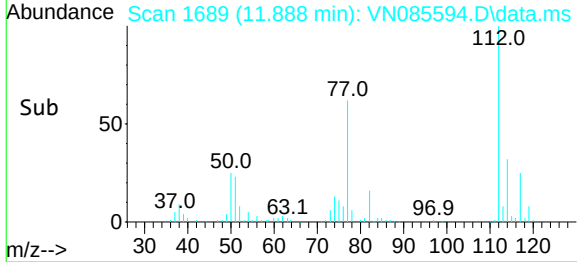
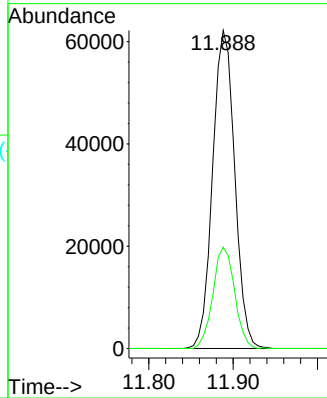
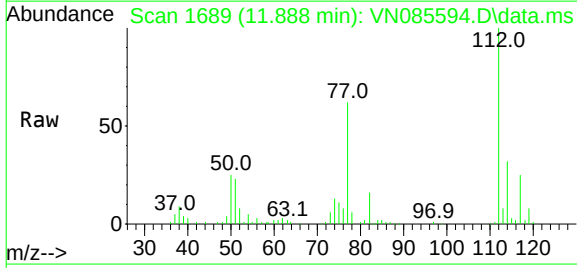
#65
Chlorobenzene
Concen: 19.850 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion:112 Resp: 113226
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

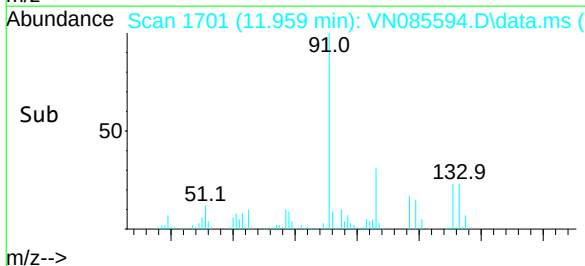
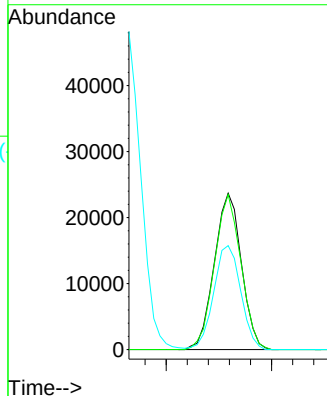
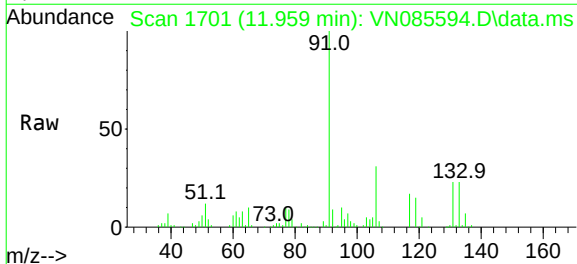
Manual Integrations
APPROVED

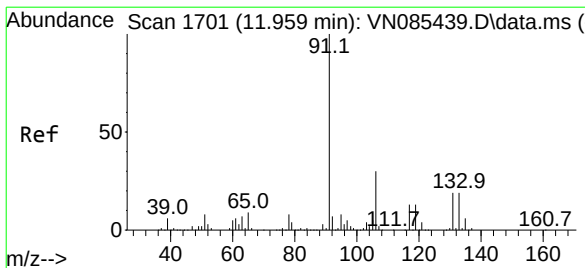
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.171 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion:131 Resp: 42230
Ion Ratio Lower Upper
131 100
133 97.0 47.4 142.3
119 66.6 33.1 99.5





#67

Ethyl Benzene

Concen: 19.320 ug/l

RT: 11.965 min Scan# 17

Delta R.T. 0.006 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

Tgt Ion: 91 Resp: 179492

Ion Ratio Lower Upper

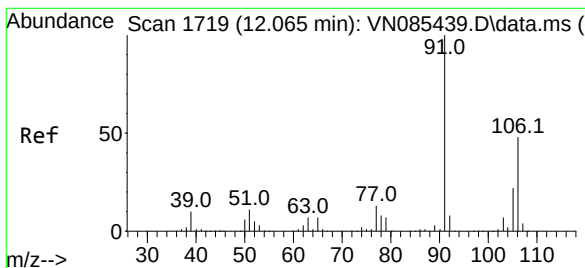
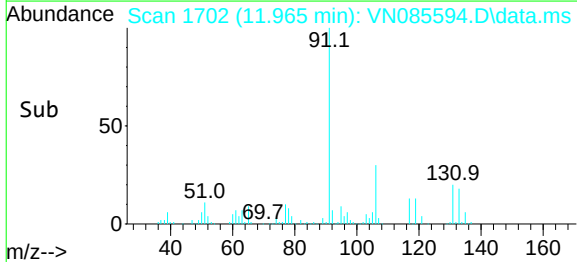
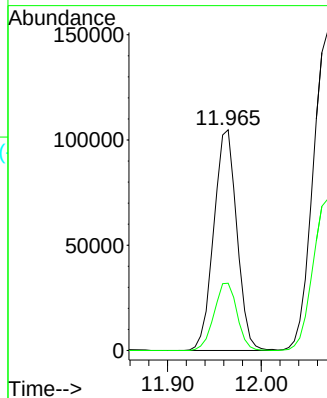
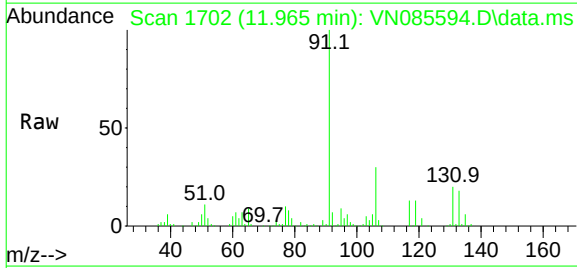
91 100

106 30.5 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: 40.542 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.006 min

Lab File: VN085594.D

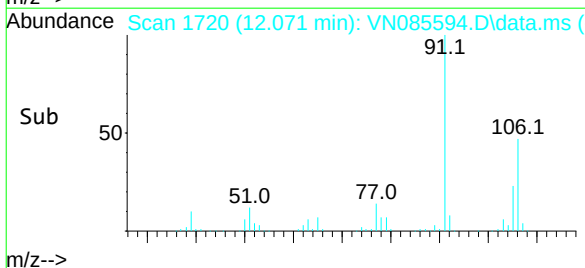
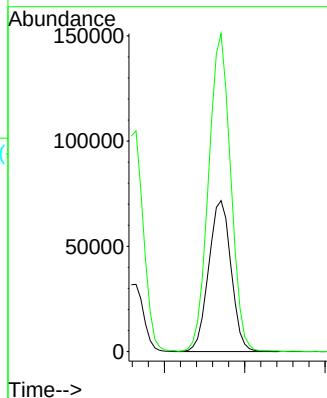
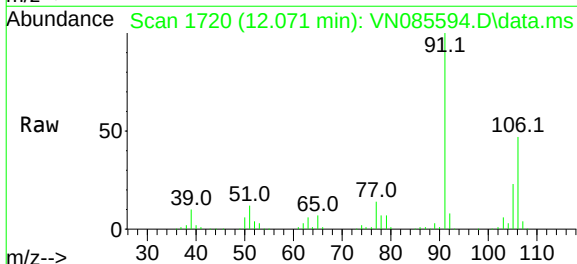
Acq: 31 Jan 2025 11:39

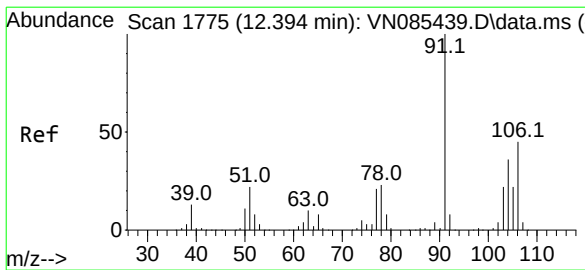
Tgt Ion:106 Resp: 139208

Ion Ratio Lower Upper

106 100

91 207.4 167.7 251.5





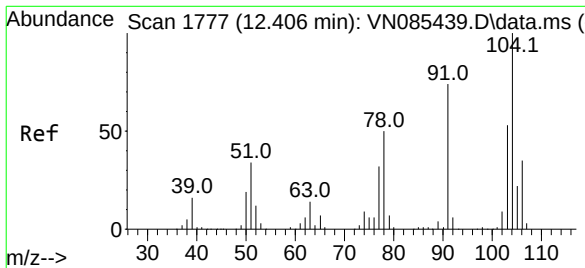
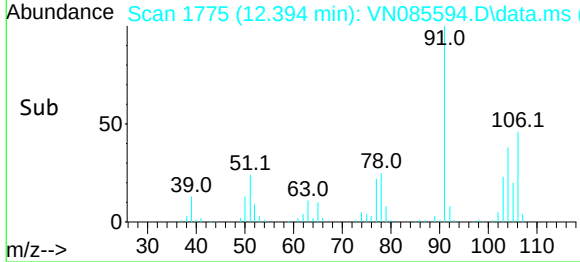
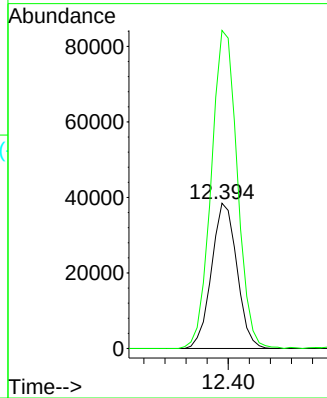
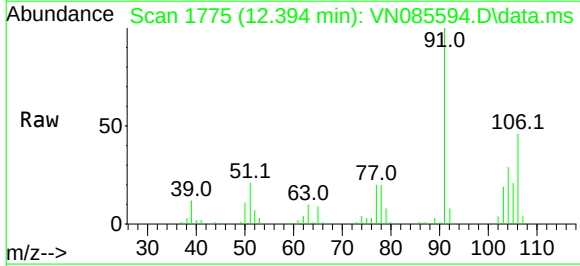
#69
o-Xylene
Concen: 19.618 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion:106 Resp: 64375
Ion Ratio Lower Upper
106 100
91 224.4 110.4 331.2

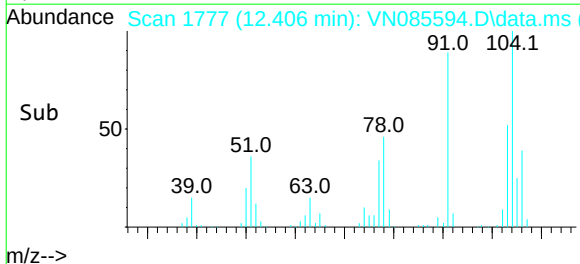
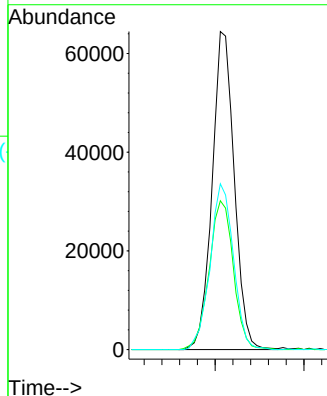
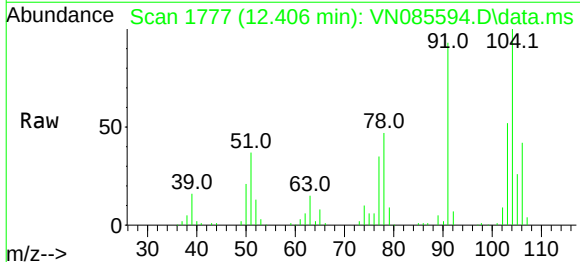
Manual Integrations
APPROVED

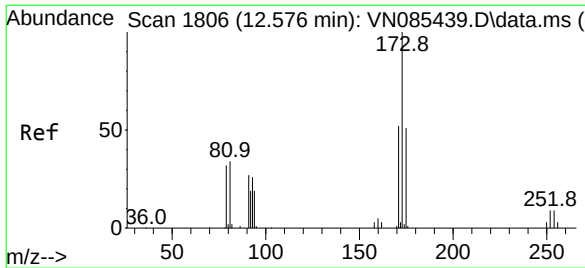
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#70
Styrene
Concen: 20.555 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion:104 Resp: 111627
Ion Ratio Lower Upper
104 100
78 51.3 42.5 63.7
103 54.9 43.8 65.8





#71

Bromoform

Concen: 22.594 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

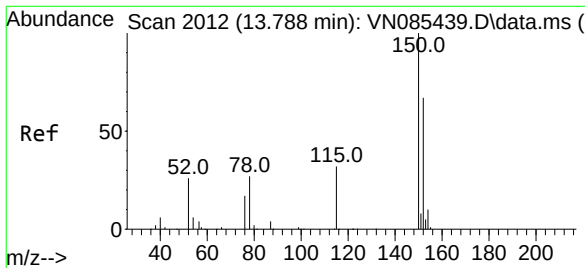
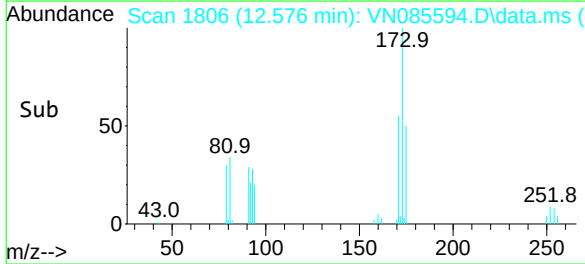
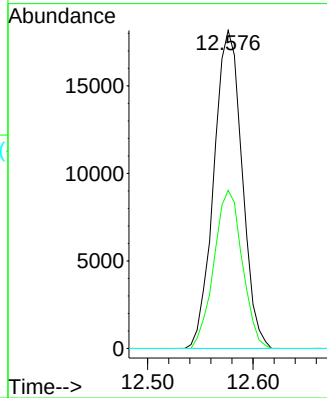
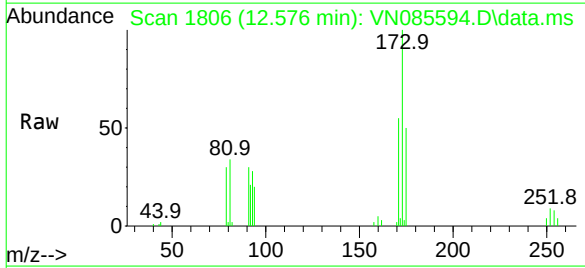
VN0131WBSD01

Tgt Ion:	173	Resp:	33846
Ion Ratio	Lower	Upper	
173	100		
175	49.7	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

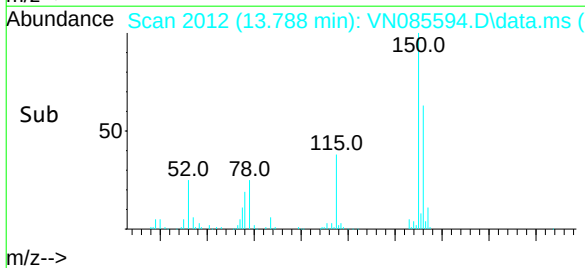
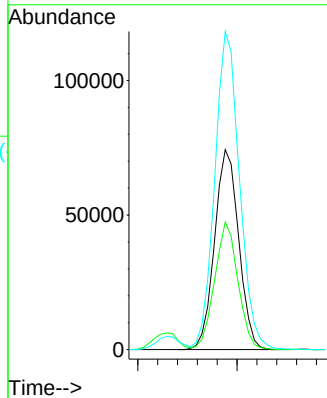
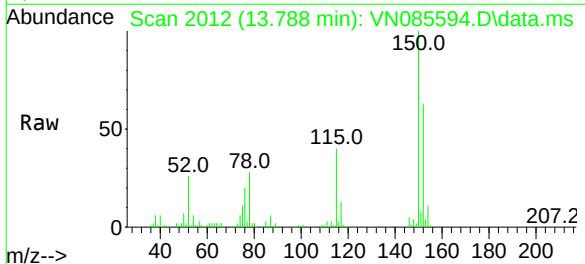
RT: 13.788 min Scan# 2012

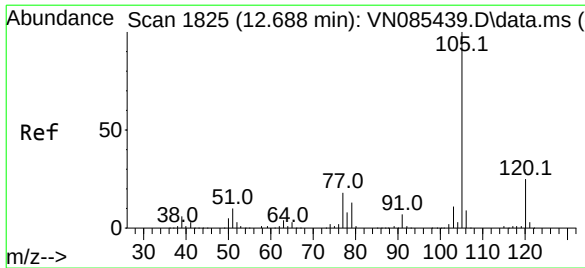
Delta R.T. 0.000 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

Tgt Ion:	152	Resp:	125242
Ion Ratio	Lower	Upper	
152	100		
115	61.7	31.1	93.3
150	163.6	0.0	343.6





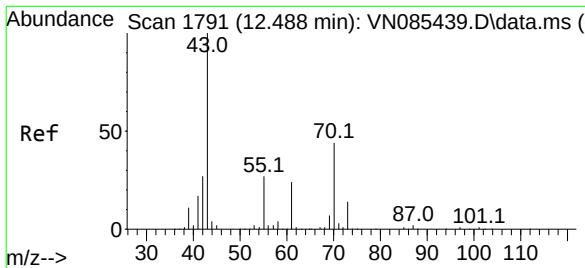
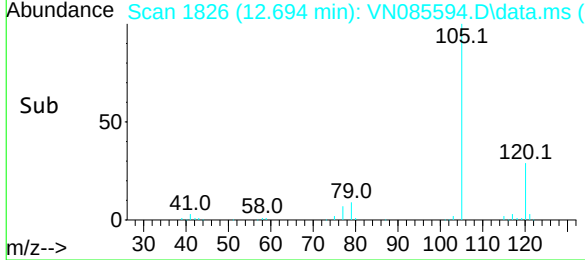
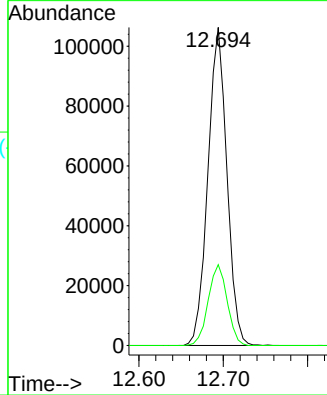
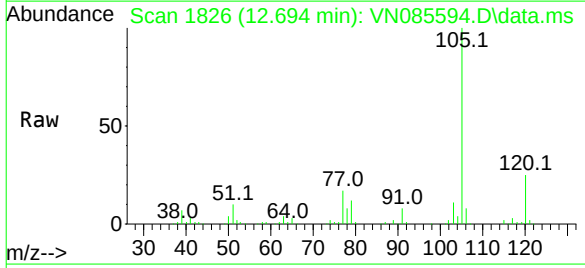
#73
Isopropylbenzene
Concen: 19.672 ug/l
RT: 12.694 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion: 105 Resp: 166281
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.3

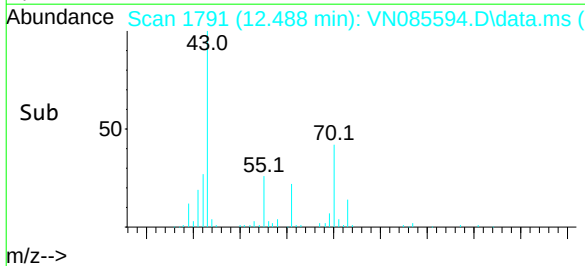
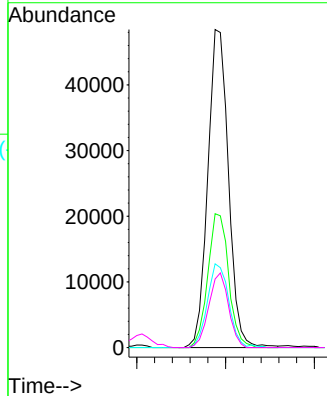
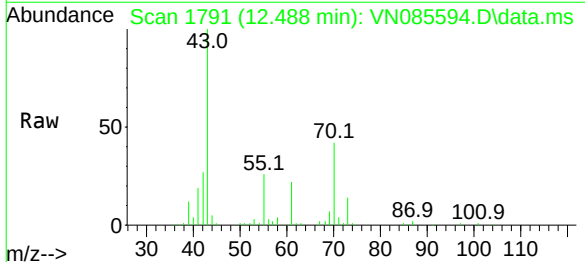
Manual Integrations
APPROVED

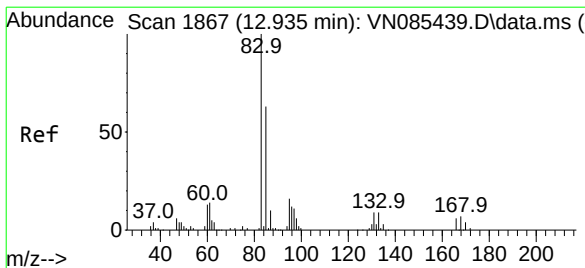
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#74
N-ethyl acetate
Concen: 20.605 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion: 43 Resp: 78287
Ion Ratio Lower Upper
43 100
70 42.5 34.0 51.0
55 27.2 21.4 32.2
61 22.4 19.0 28.4





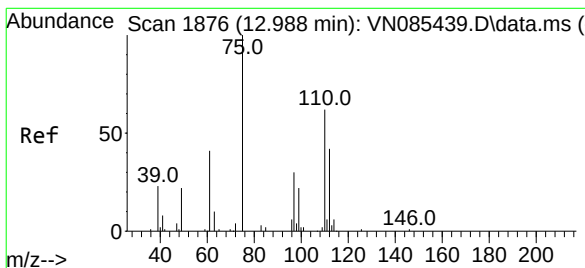
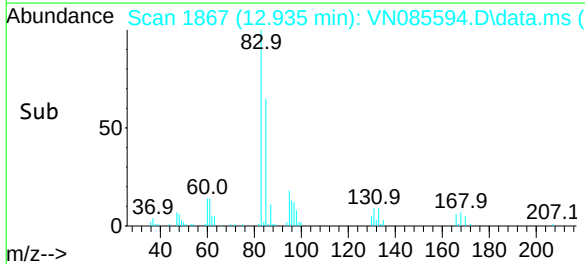
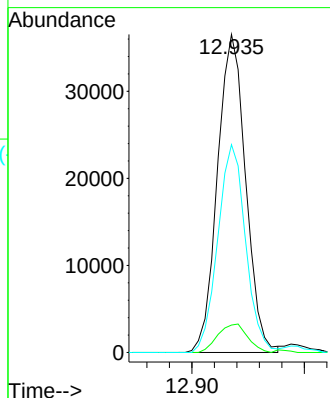
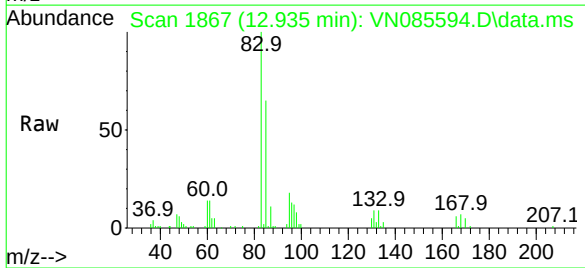
#75
1,1,2,2-Tetrachloroethane
Concen: 21.297 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion:	83	Resp:	63591
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.8	14.4
85	64.4	32.2	96.6

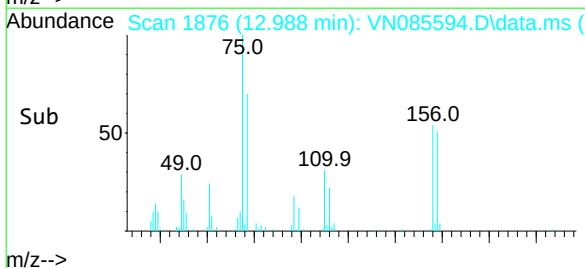
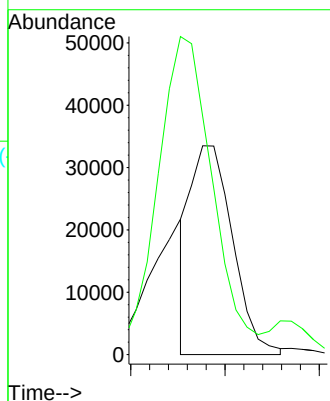
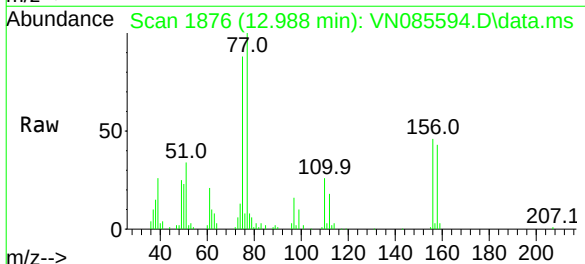
Manual Integrations
APPROVED

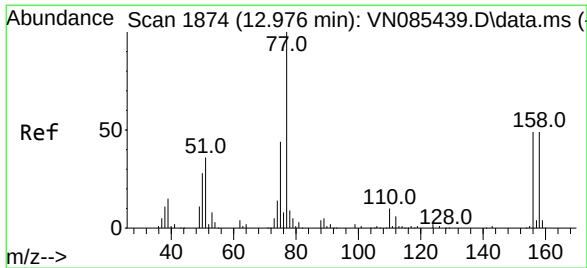
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#76
1,2,3-Trichloropropane
Concen: 20.447 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

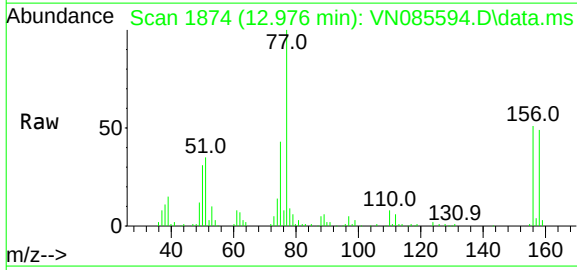
Tgt Ion:	75	Resp:	52049
Ion	Ratio	Lower	Upper
75	100		
77	198.1	109.7	329.2





#77
Bromobenzene
Concen: 20.129 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

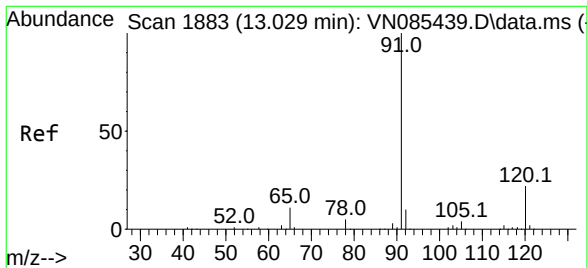
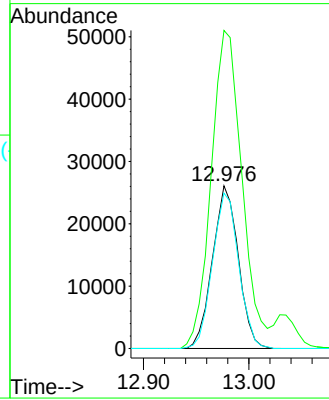
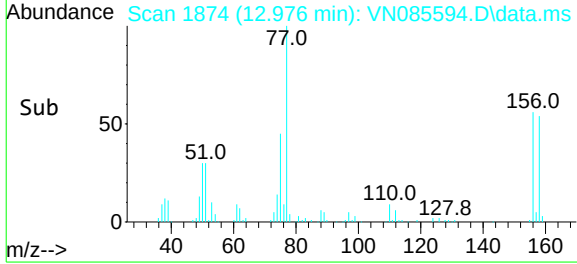
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



Tgt Ion: 156 Resp: 44454
Ion Ratio Lower Upper
156 100
77 232.0 114.1 342.4
158 96.8 48.9 146.8

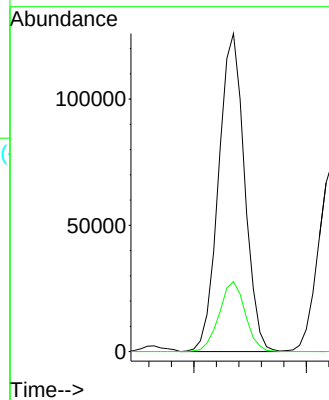
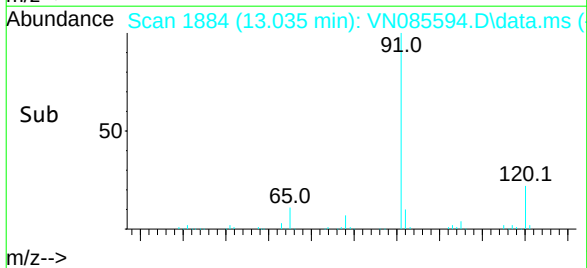
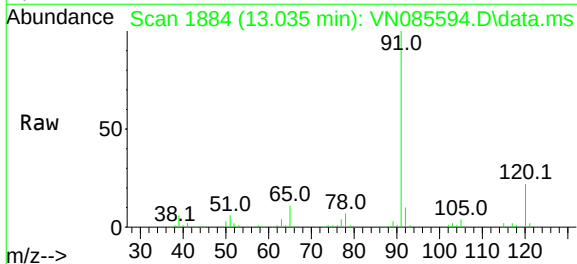
Manual Integrations
APPROVED

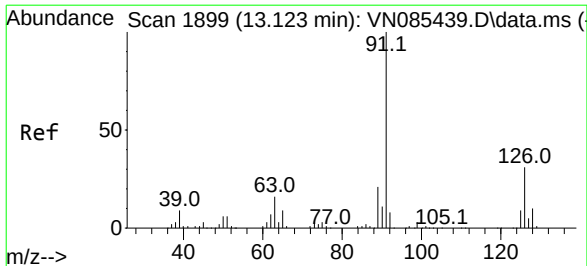
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#78
n-propylbenzene
Concen: 20.197 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion: 91 Resp: 202101
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.6





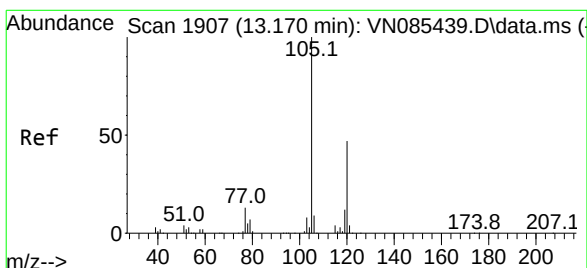
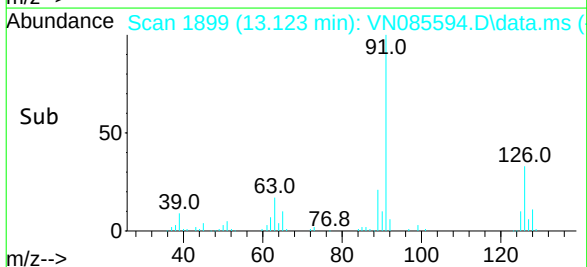
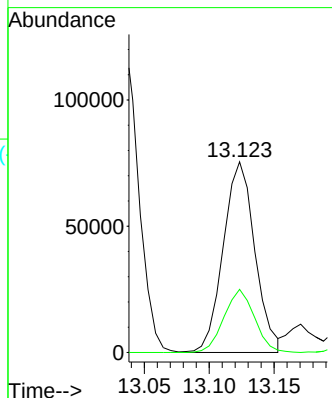
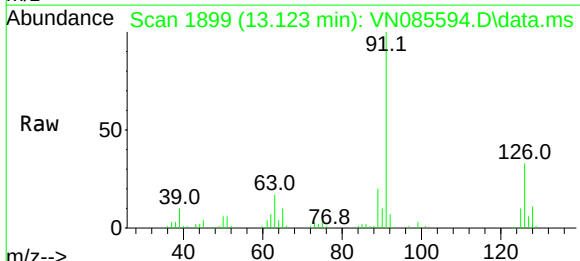
#79
2-Chlorotoluene
Concen: 19.827 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion: 91 Resp: 128406
Ion Ratio Lower Upper
91 100
126 31.8 15.7 47.1

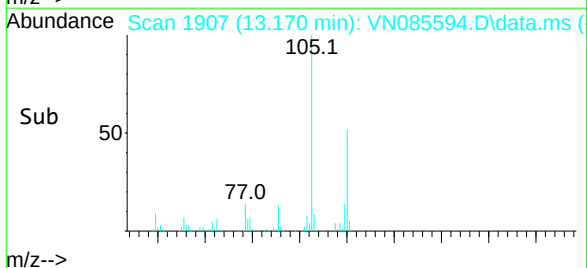
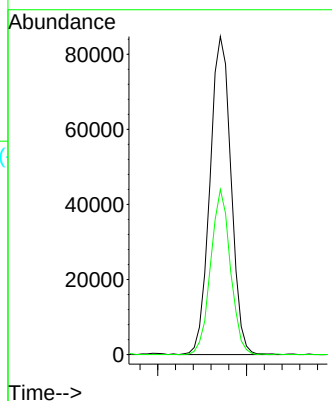
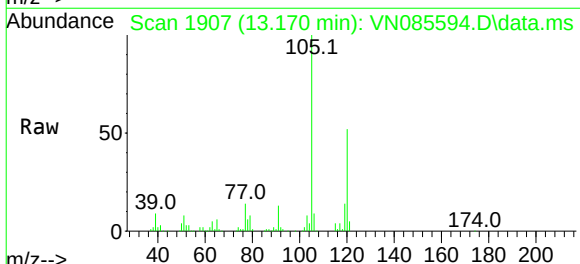
Manual Integrations
APPROVED

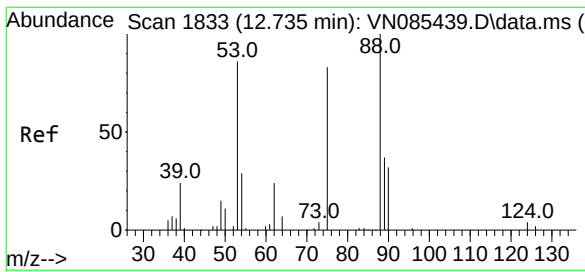
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.059 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

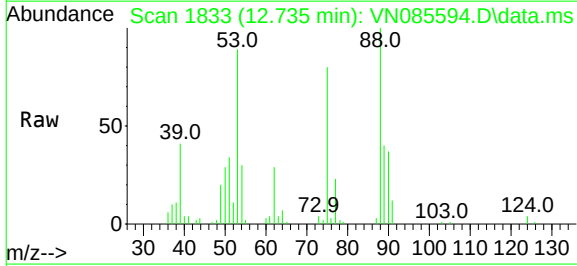
Tgt Ion:105 Resp: 140053
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 24.271 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

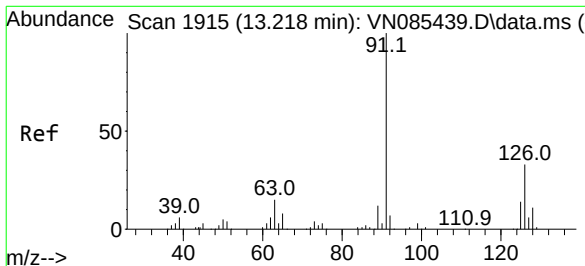
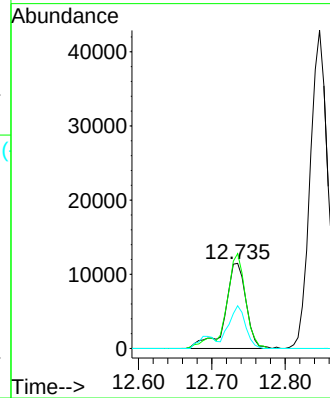
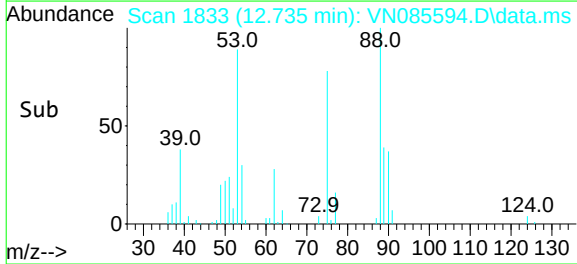
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



Tgt Ion: 75 Resp: 22836
Ion Ratio Lower Upper
75 100
53 102.2 95.6 143.4
89 39.5 37.0 55.6

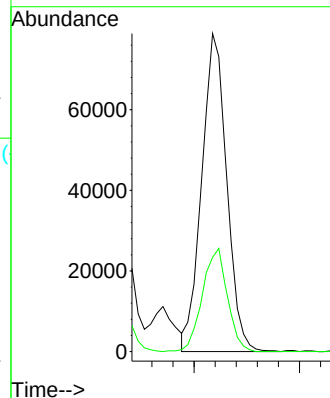
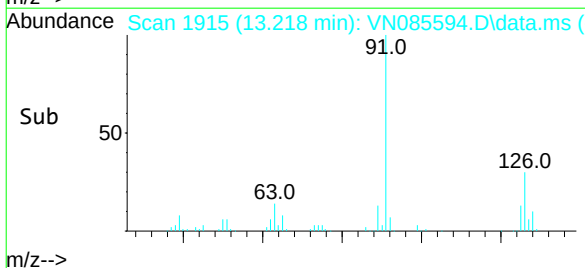
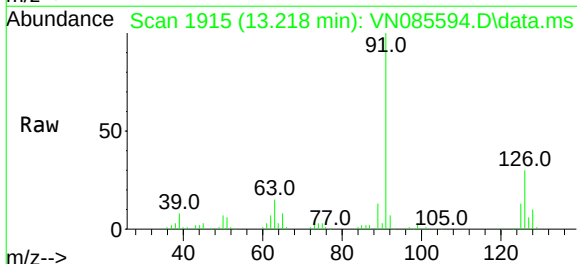
Manual Integrations
APPROVED

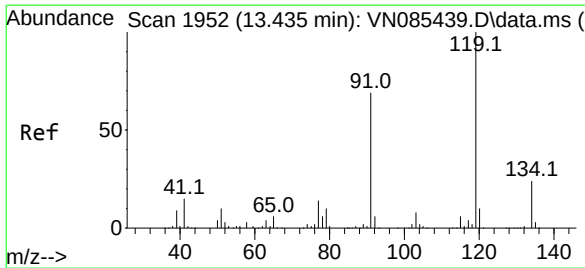
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#82
4-Chlorotoluene
Concen: 20.143 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

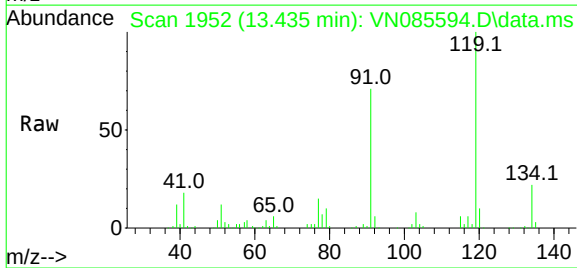
Tgt Ion: 91 Resp: 129888
Ion Ratio Lower Upper
91 100
126 32.4 15.9 47.7





#83
tert-Butylbenzene
Concen: 19.153 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

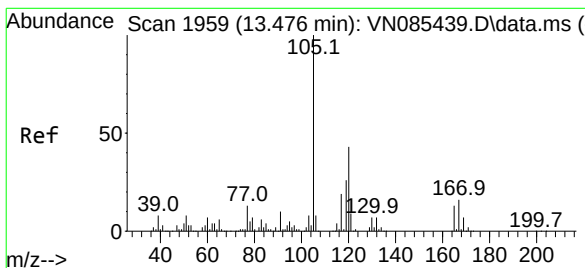
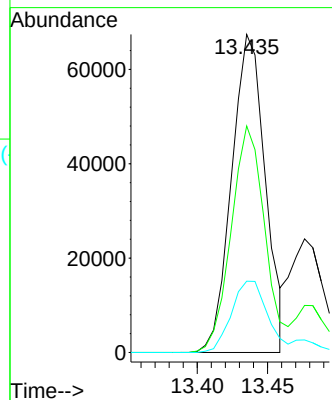
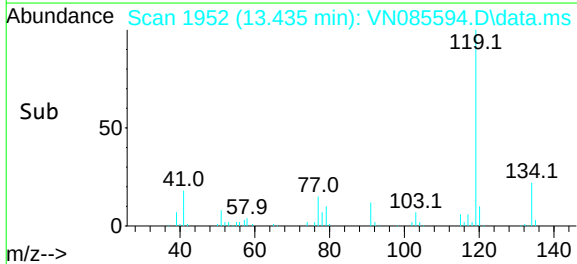
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



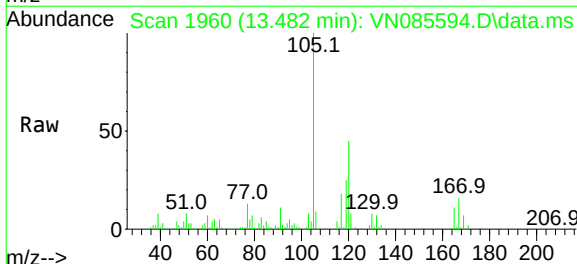
Tgt Ion:119 Resp: 112298
Ion Ratio Lower Upper
119 100
91 71.5 35.1 105.3
134 24.0 12.0 36.1

Manual Integrations
APPROVED

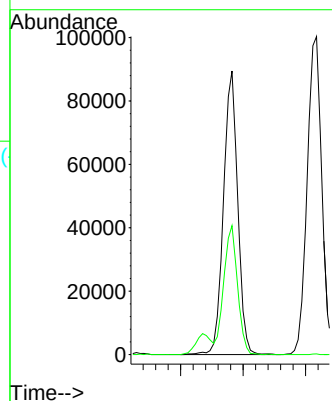
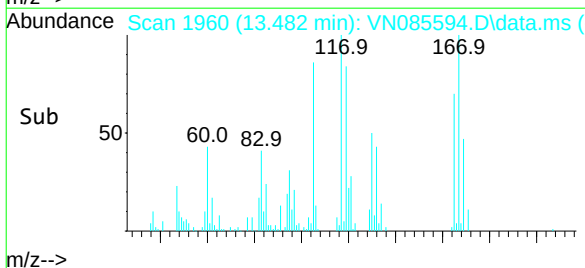
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025

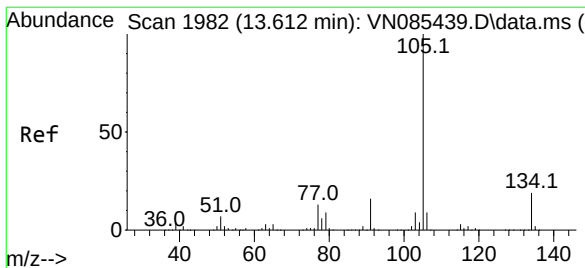


#84
1,2,4-Trimethylbenzene
Concen: 20.359 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39



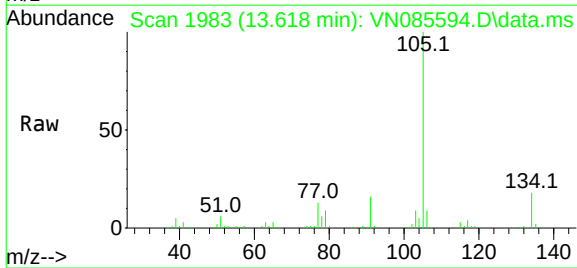
Tgt Ion:105 Resp: 141674
Ion Ratio Lower Upper
105 100
120 44.1 21.6 65.0





#85
sec-Butylbenzene
Concen: 20.026 ug/l
RT: 13.618 min Scan# 1982
Delta R.T. 0.005 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

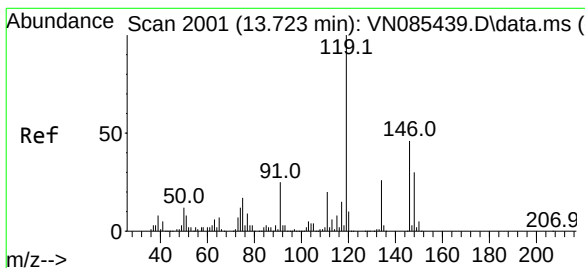
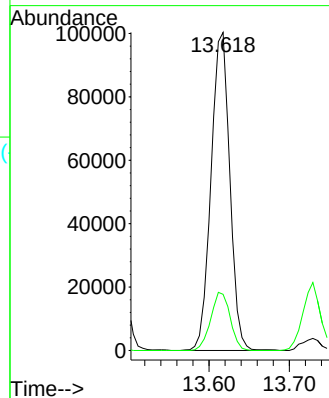
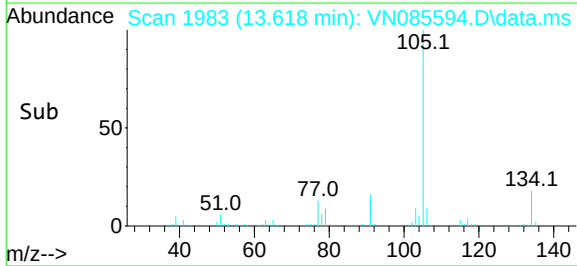
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01



Tgt Ion:105 Resp: 162740
Ion Ratio Lower Upper
105 100
134 18.9 9.7 28.9

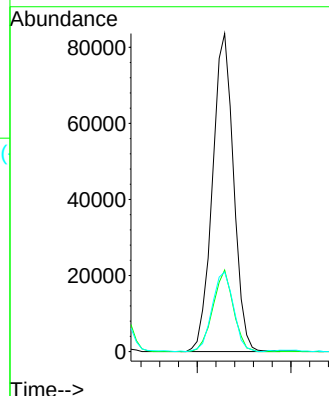
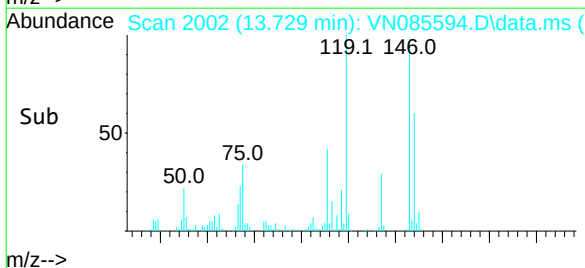
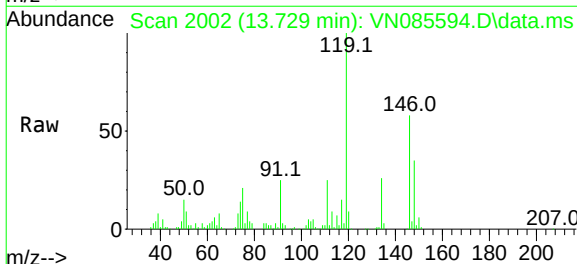
Manual Integrations
APPROVED

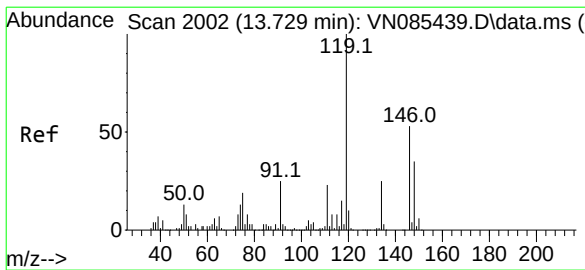
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#86
p-Isopropyltoluene
Concen: 19.356 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion:119 Resp: 130871
Ion Ratio Lower Upper
119 100
134 24.8 12.7 38.0
91 25.3 12.7 38.1





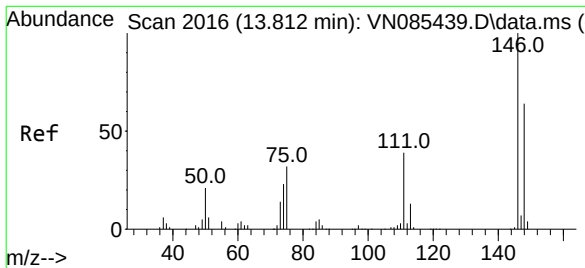
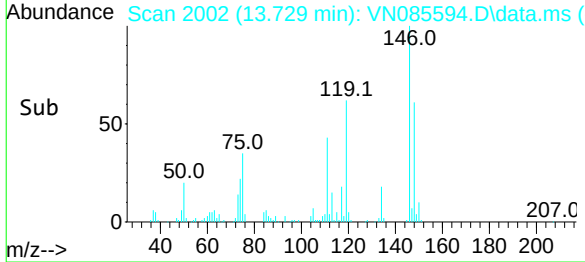
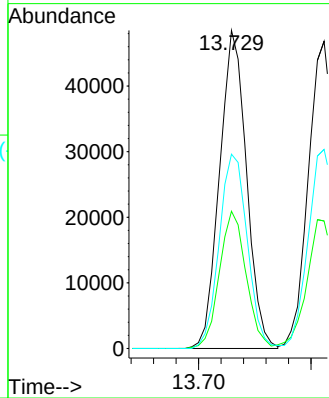
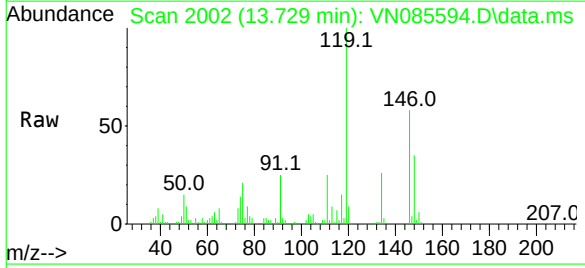
#87
1,3-Dichlorobenzene
Concen: 19.850 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion	146	Resp	80731
Ion Ratio	100		
111	42.7	21.4	64.3
148	63.6	32.3	96.9

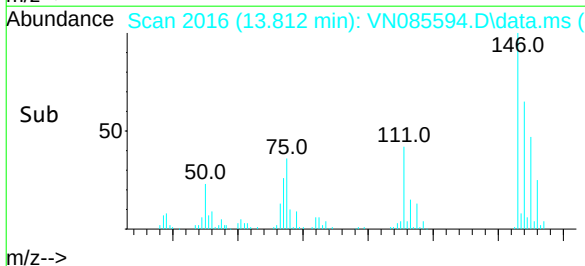
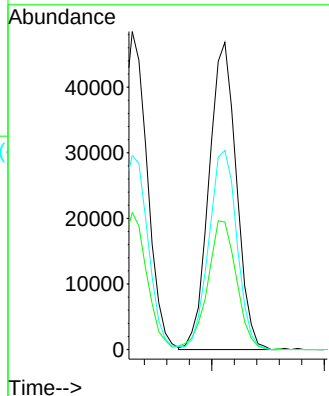
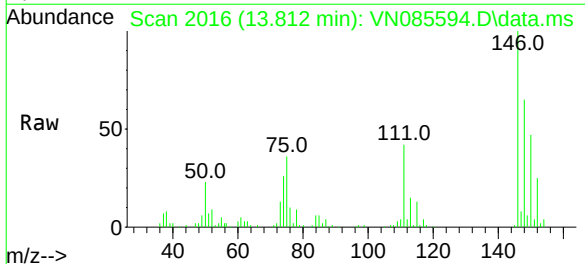
Manual Integrations
APPROVED

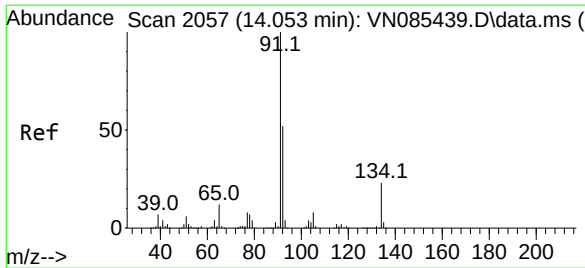
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#88
1,4-Dichlorobenzene
Concen: 18.832 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion	146	Resp	79386
Ion Ratio	100		
111	44.1	21.3	63.7
148	66.3	32.4	97.0





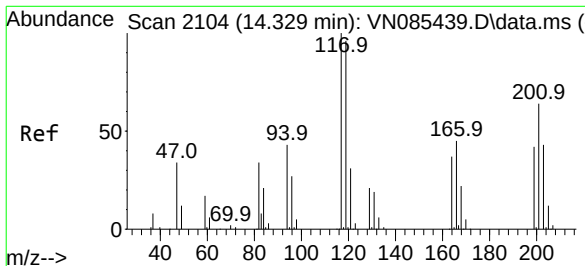
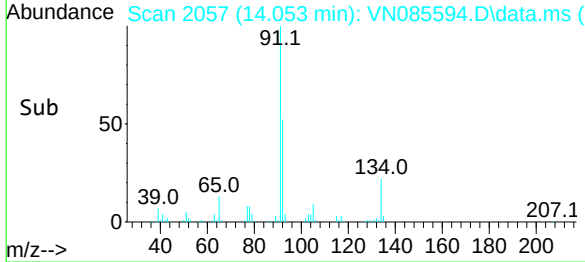
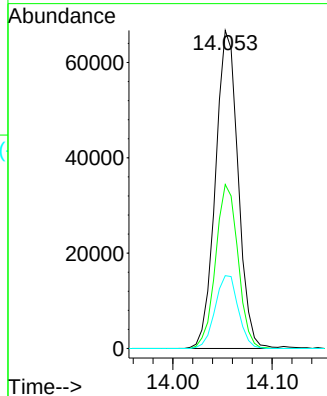
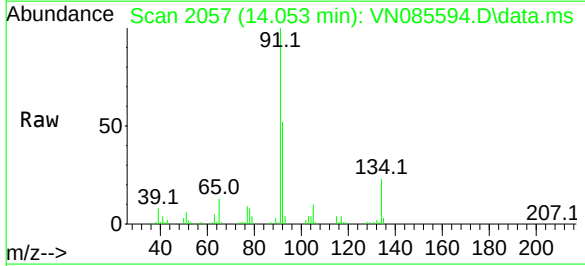
#89
n-Butylbenzene
Concen: 18.125 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.8	77.3
134	23.4	11.7	35.1

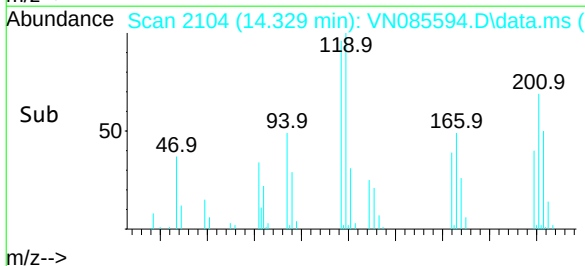
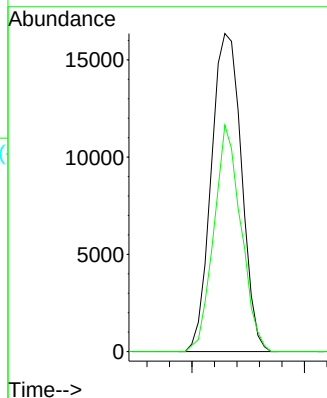
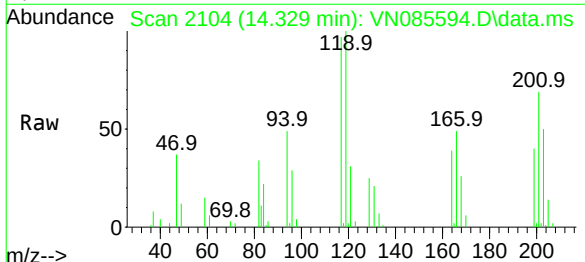
Manual Integrations
APPROVED

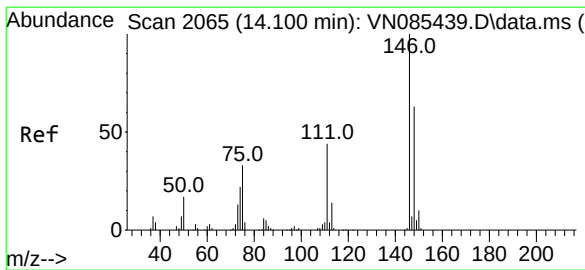
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#90
Hexachloroethane
Concen: 19.743 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.0	33.7	101.0





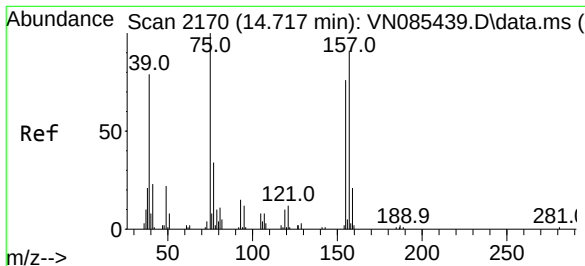
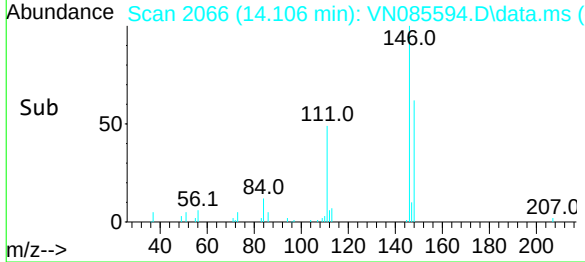
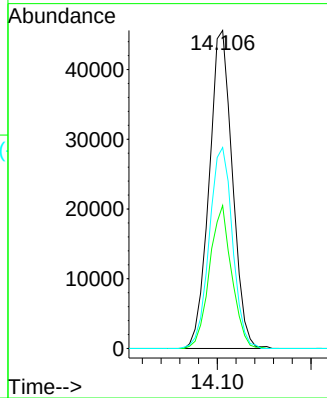
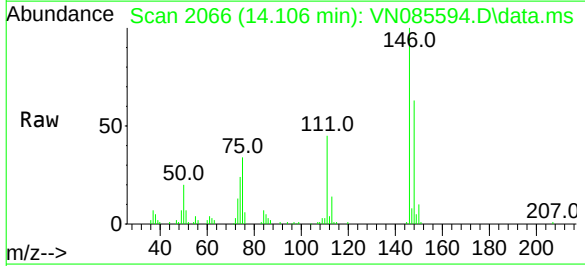
#91
1,2-Dichlorobenzene
Concen: 19.357 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.7	65.1
148	63.3	31.4	94.2

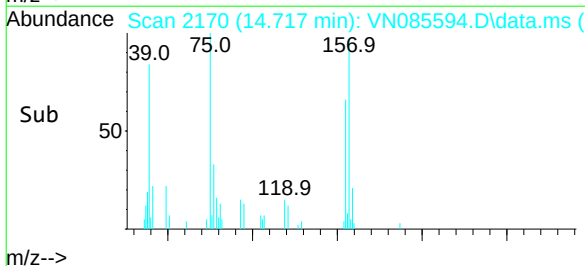
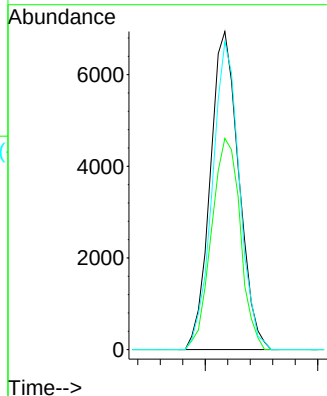
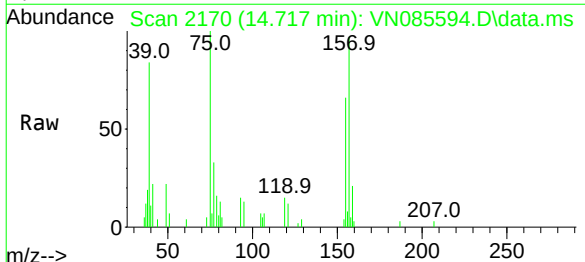
Manual Integrations
APPROVED

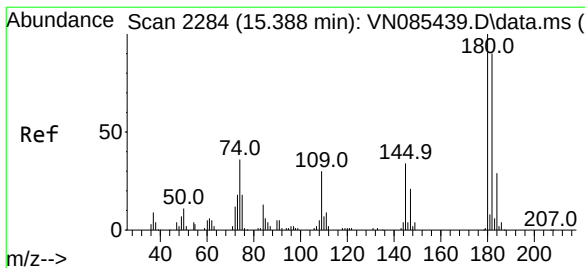
Reviewed By :Mahesh Dadoda 02/03/2025
Supervised By :Semsettin Yesilyurt 02/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.487 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085594.D
Acq: 31 Jan 2025 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.6	36.4	109.2
157	91.7	45.4	136.1





#93

1,2,4-Trichlorobenzene

Concen: 18.464 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

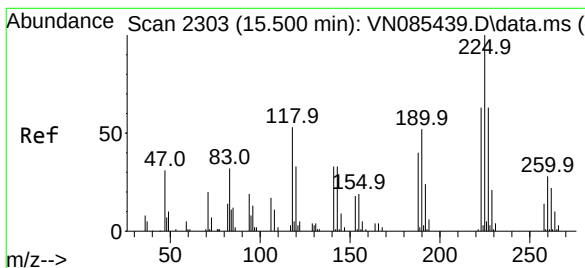
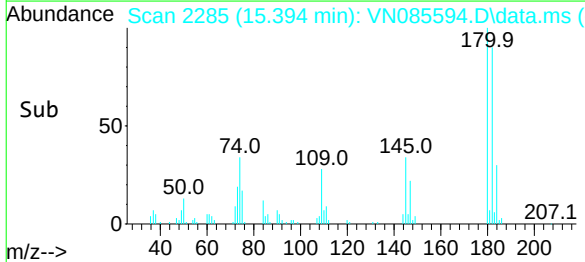
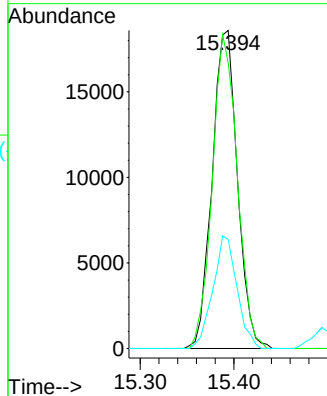
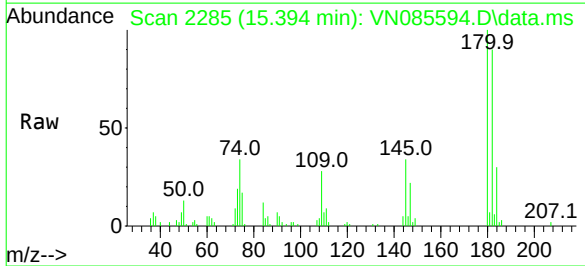
VN0131WBSD01

Tgt Ion:	180	Resp:	34814
Ion Ratio	Lower	Upper	
180	100		
182	97.6	46.8	140.3
145	33.8	16.0	48.0

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 18.327 ug/l

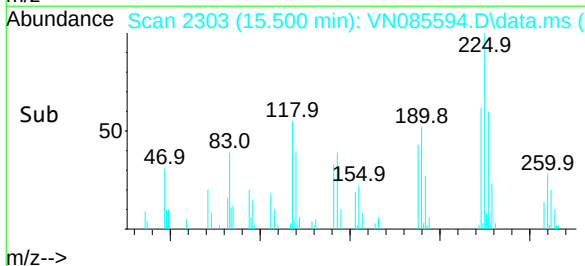
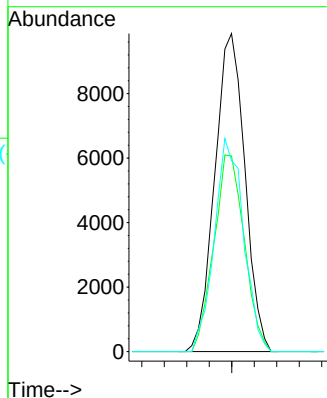
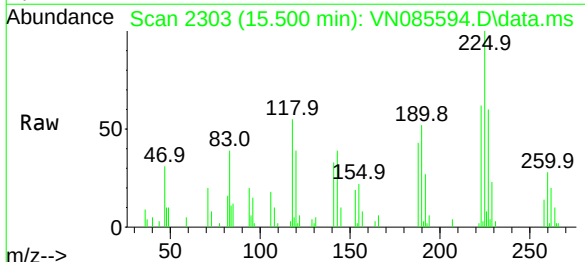
RT: 15.500 min Scan# 2303

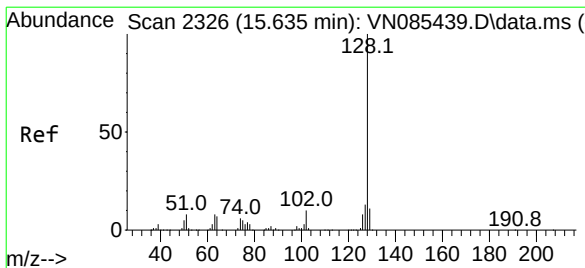
Delta R.T. 0.000 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

Tgt Ion:	225	Resp:	18346
Ion Ratio	Lower	Upper	
225	100		
223	62.5	30.7	92.1
227	64.8	30.9	92.5





#95

Naphthalene

Concen: 18.099 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

Instrument :

MSVOA_N

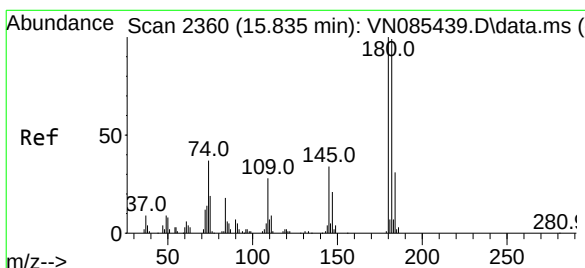
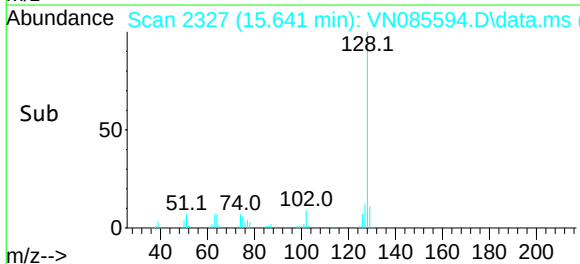
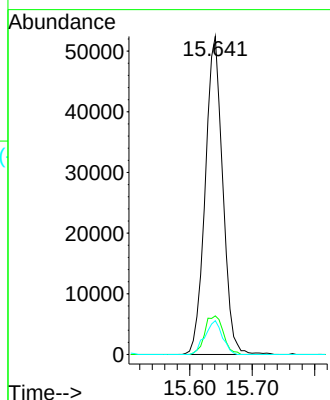
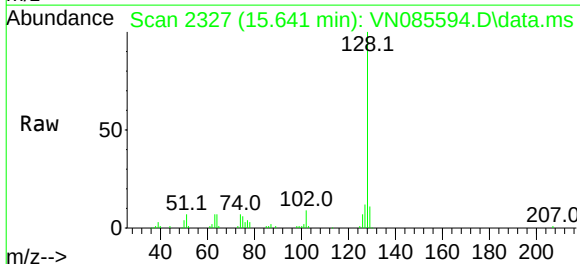
ClientSampleId :

VN0131WBSD01

Tgt Ion:	128	Resp:	101833
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.6	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: 18.879 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085594.D

Acq: 31 Jan 2025 11:39

Tgt Ion:	180	Resp:	36018
Ion Ratio	Lower	Upper	
180	100		
182	93.2	47.4	142.2
145	34.4	16.9	50.7

