

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010225\
 Data File : VN085372.D
 Acq On : 02 Jan 2025 10:36
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Jan 03 00:41:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025
 Supervised By :Semsettin Yesilyurt 01/03/2025

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

Internal Standards						
1) Bromochloromethane	7.812	128	30931	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	161808	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	150173	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80849	29.713	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.033%		
60) 4-Bromofluorobenzene	12.847	95	73031	30.022	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.067%		
63) Toluene-d8	10.565	98	223395	30.465	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.533%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52671	20.366	ug/l	95
3) Chloromethane	2.359	50	50866	19.480	ug/l	99
4) Vinyl Chloride	2.512	62	52054	19.633	ug/l	92
5) Bromomethane	2.959	94	30622	19.756	ug/l	95
6) Chloroethane	3.124	64	33654	20.107	ug/l	94
7) Trichlorofluoromethane	3.500	101	73109	20.071	ug/l	95
8) Diethyl Ether	3.959	74	23114	18.425	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	42326	20.235	ug/l	96
10) 1,1-Dichloroethene	4.336	96	36764	19.240	ug/l	87
11) Methyl Iodide	4.583	142	45500	19.868	ug/l	96
12) Methyl Acetate	5.024	43	59625	20.895	ug/l	93
13) Acrolein	4.183	56	25323	99.404	ug/l	95
14) Acrylonitrile	5.718	53	104564	94.741	ug/l	99
15) Acetone	4.430	58	26681	95.833	ug/l	94
16) Carbon Disulfide	4.712	76	108523	18.684	ug/l #	94
17) Allyl chloride	5.024	41	54871	17.751	ug/l	99
18) Methylene Chloride	5.277	84	45143m	19.826	ug/l	
19) trans-1,2-Dichloroethene	5.794	96	39032m	19.639	ug/l	
20) Diisopropyl ether	6.671	45	137887	19.464	ug/l	98
21) 1,1-Dichloroethane	6.571	63	80989	19.556	ug/l #	95
22) cis-1,2-Dichloroethene	7.482	96	45817	19.360	ug/l	99
23) tert-Butyl Alcohol	5.512	59	32385	89.034	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	118934	18.963	ug/l	98
25) Chloroform	7.965	83	83622	19.919	ug/l	99
26) Cyclohexane	8.253	56	59024	18.693	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	54274	19.319	ug/l	98
30) 2-Butanone	7.477	43	137479	92.708	ug/l	99
31) 2,2-Dichloropropane	7.482	77	69206	19.441	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	71059	19.457	ug/l	100
33) Carbon Tetrachloride	8.359	117	63266	19.789	ug/l	93
34) Benzene	8.606	78	174892	19.694	ug/l	97
35) Methacrylonitrile	7.777	41	30595	18.637	ug/l	96
36) 1,2-Dichloroethane	8.665	62	63020	19.625	ug/l #	93
37) Trichloroethene	9.353	130	38276	19.590	ug/l	98
38) Methylcyclohexane	9.600	83	53311	18.337	ug/l	96
39) 1,2-Dichloropropane	9.618	63	44397	19.650	ug/l	98
40) Dibromomethane	9.706	93	31019	19.692	ug/l	97
41) Bromodichloromethane	9.882	83	64227	19.510	ug/l	97
42) Vinyl Acetate	6.600	43	475411	90.822	ug/l	100

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ClientSampleId :

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Manual Integrations**APPROVED**

Reviewed By :Mahesh Dadoda 01/03/2025

Supervised By :Semsettin Yesilyurt 01/03/2025

Quant Time: Jan 03 00:41:12 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Sat Dec 21 02:03:07 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	55647	18.146	ug/l	100
44) Isopropyl Acetate	8.682	43	94269	18.504	ug/l	97
45) 1,4-Dioxane	9.694	88	15094	380.926	ug/l	96
46) Methyl methacrylate	9.682	41	42710	18.061	ug/l	98
47) n-amyl Acetate	12.494	43	78759	18.148	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	61004	18.761	ug/l	100
49) cis-1,3-Dichloropropene	10.306	75	66572	19.043	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	39550	19.198	ug/l	96
51) Ethyl methacrylate	10.871	69	57103	18.326	ug/l	89
52) 1,3-Dichloropropane	11.159	76	69851	19.424	ug/l	98
53) Dibromochloromethane	11.353	129	46777	19.378	ug/l	98
54) 1,2-Dibromoethane	11.470	107	39958	20.042	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	128653	80.157	ug/l	99
56) Bromoform	12.576	173	29906	18.991	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	295690	97.127	ug/l	99
59) 2-Hexanone	11.194	43	209864	94.892	ug/l	98
61) Tetrachloroethene	11.100	164	35336	21.078	ug/l	96
62) Toluene	10.629	91	178377	19.334	ug/l	98
64) Chlorobenzene	11.888	112	110353	19.832	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	39839	19.742	ug/l	99
66) Ethyl Benzene	11.965	91	184020	18.956	ug/l	99
67) m/p-Xylenes	12.070	106	146287	40.167	ug/l	100
68) o-Xylene	12.394	106	67368	19.420	ug/l	98
69) Styrene	12.412	104	113725	19.398	ug/l	100
70) Isopropylbenzene	12.694	105	168906	19.390	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	59234	19.173	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	50342m	19.145	ug/l	
73) Bromobenzene	12.976	156	42053	19.542	ug/l	99
74) n-propylbenzene	13.035	91	213001	19.628	ug/l	98
75) 2-Chlorotoluene	13.123	91	128777	19.698	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	145549	19.582	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	19876	18.496	ug/l	94
78) 4-Chlorotoluene	13.217	91	130424	19.622	ug/l	98
79) tert-butylbenzene	13.435	119	116565	19.177	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	148491	20.071	ug/l	98
81) sec-Butylbenzene	13.617	105	172100	19.611	ug/l	98
82) p-Isopropyltoluene	13.729	119	139232	19.265	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	77570	19.328	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	76914	19.809	ug/l	97
85) n-Butylbenzene	14.053	91	114032	18.275	ug/l	100
86) Hexachloroethane	14.329	117	29698	19.140	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	74925	19.651	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10941	19.399	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	34458	19.076	ug/l	98
90) Hexachlorobutadiene	15.500	225	17368	19.289	ug/l	95
91) Naphthalene	15.641	128	99820	17.199	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	34458	19.076	ug/l	98

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

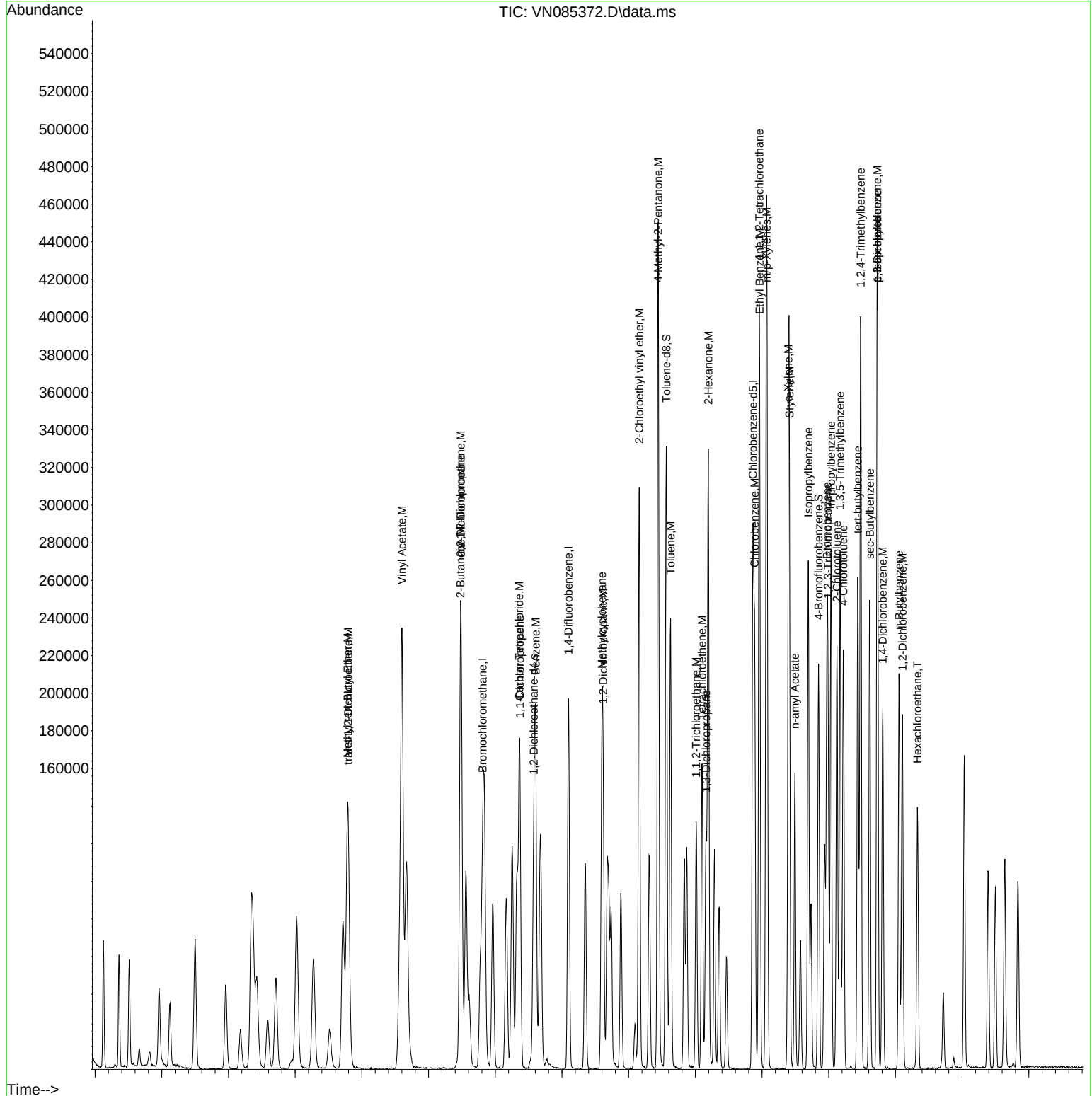
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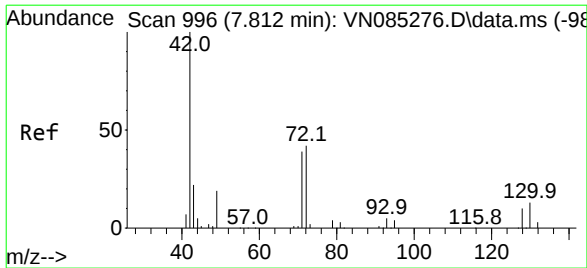
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MSVOA_N
ClientSampleId :
VSTDCCC020

Quant Time: Jan 03 00:41:12 2025
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Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025





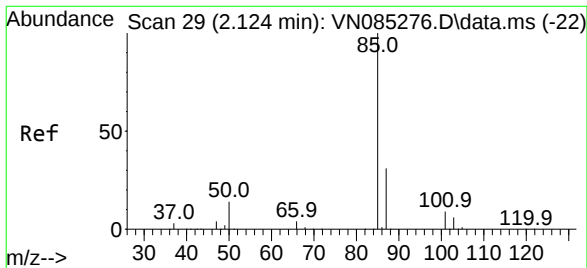
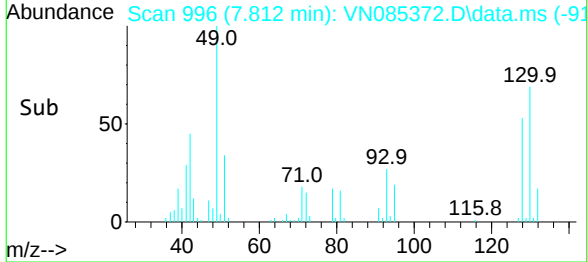
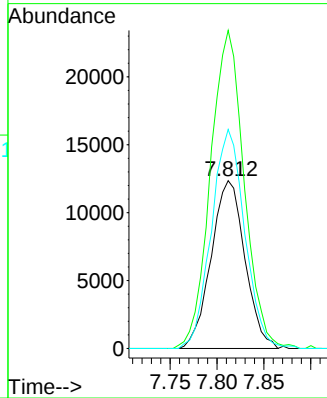
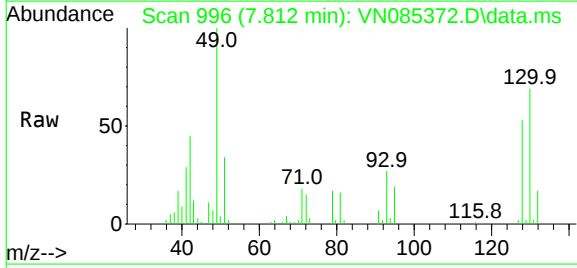
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 30931
Ion Ratio Lower Upper
128 100
49 188.1 0.0 497.8
130 128.9 0.0 328.5

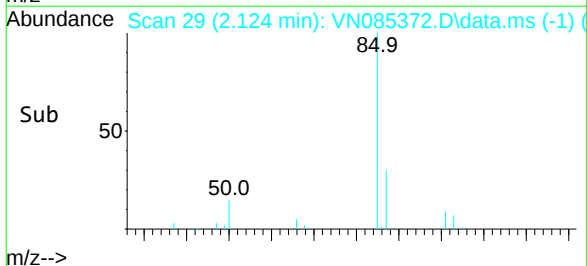
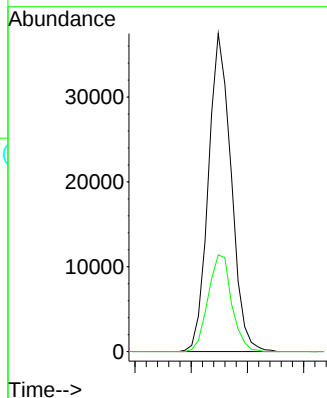
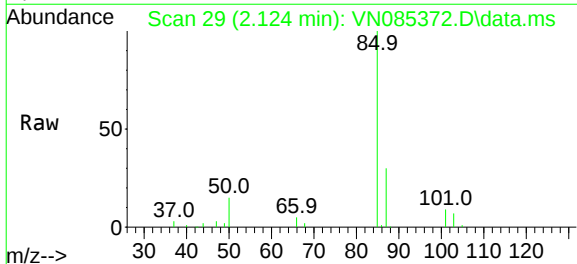
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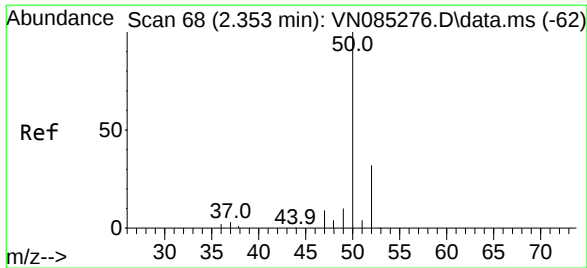
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#2
Dichlorodifluoromethane
Concen: 20.366 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion: 85 Resp: 52671
Ion Ratio Lower Upper
85 100
87 30.4 16.5 49.5





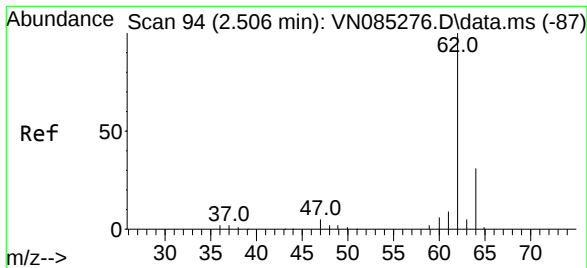
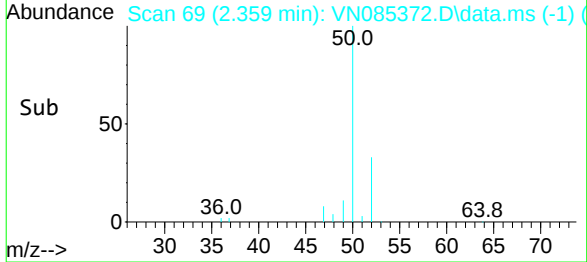
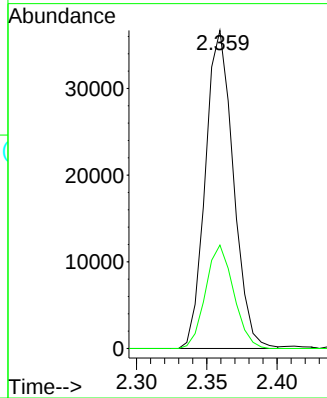
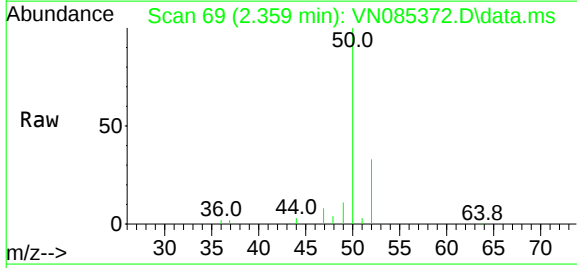
#3
Chloromethane
Concen: 19.480 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 50866
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7

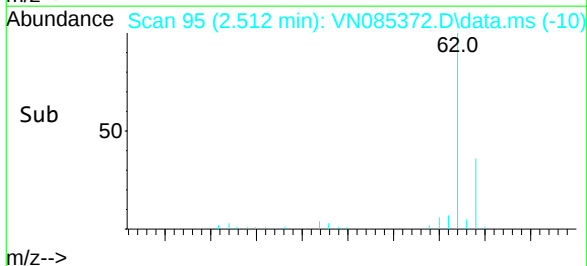
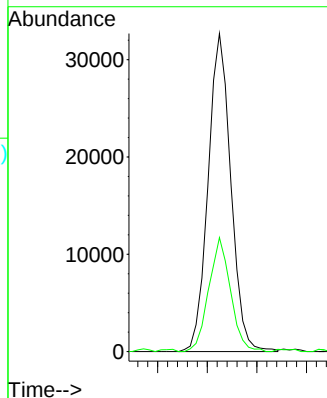
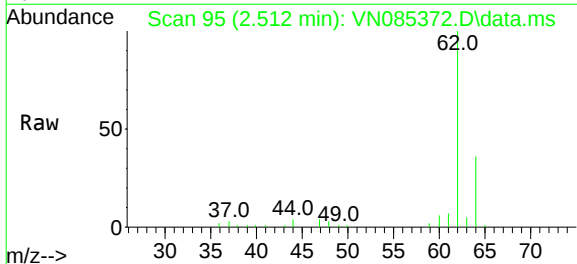
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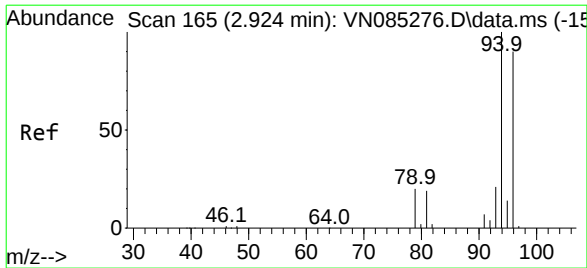
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#4
Vinyl Chloride
Concen: 19.633 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

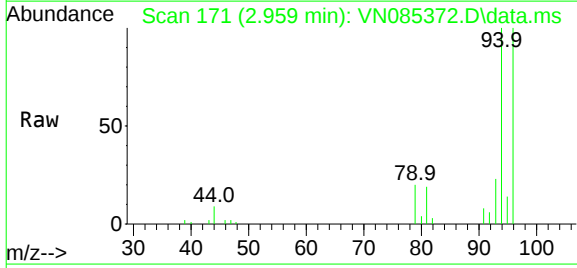
Tgt Ion: 62 Resp: 52054
Ion Ratio Lower Upper
62 100
64 35.8 25.0 37.4





#5
Bromomethane
Concen: 19.756 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

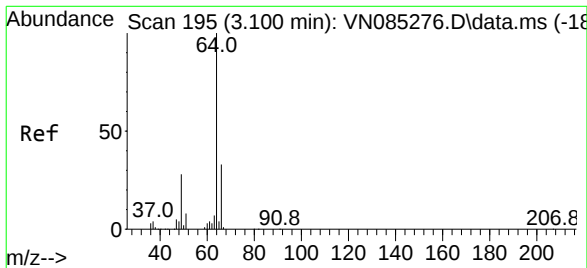
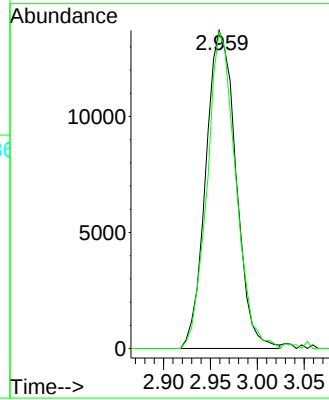
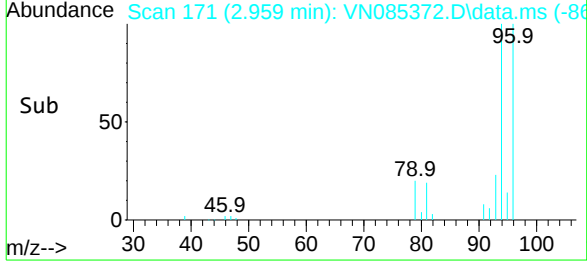
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 30622
Ion Ratio Lower Upper
94 100
96 99.6 75.6 113.4

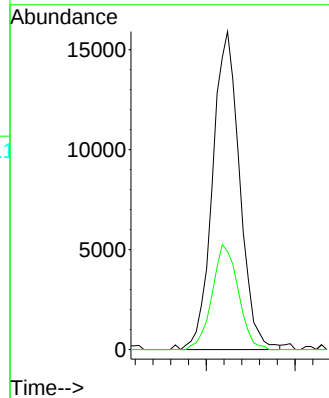
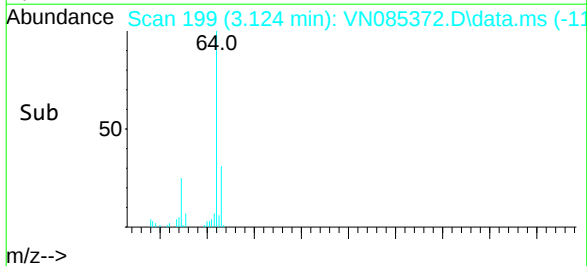
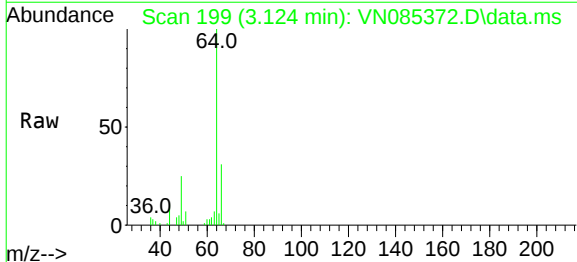
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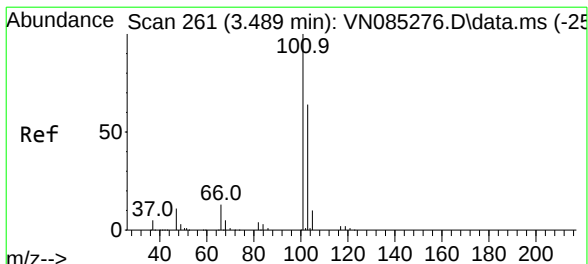
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#6
Chloroethane
Concen: 20.107 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

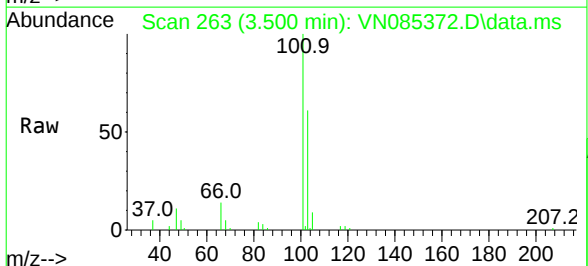
Tgt Ion: 64 Resp: 33654
Ion Ratio Lower Upper
64 100
66 30.9 22.2 33.4





#7
 Trichlorofluoromethane
 Concen: 20.071 ug/l
 RT: 3.500 min Scan# 261
 Delta R.T. 0.000 min
 Lab File: VN085372.D
 Acq: 02 Jan 2025 10:36

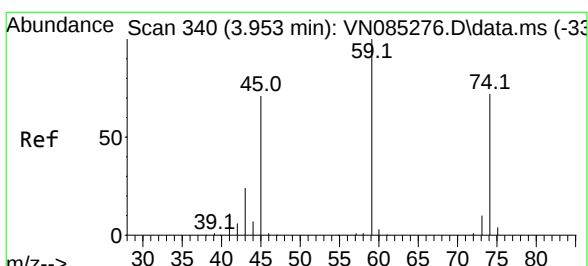
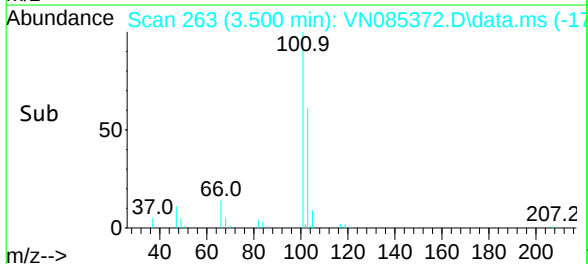
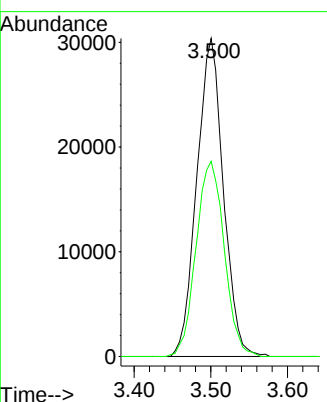
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020



Tgt Ion: 101 Resp: 73109

Ion	Ratio	Lower	Upper
101	100		
103	61.4	52.6	78.8

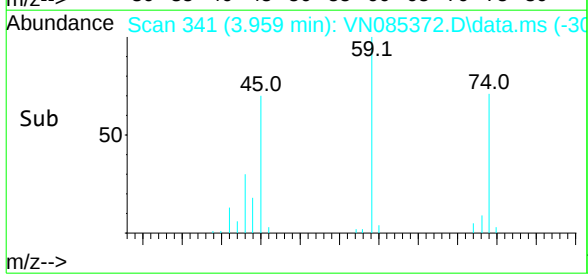
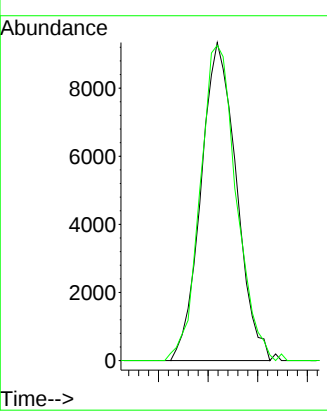
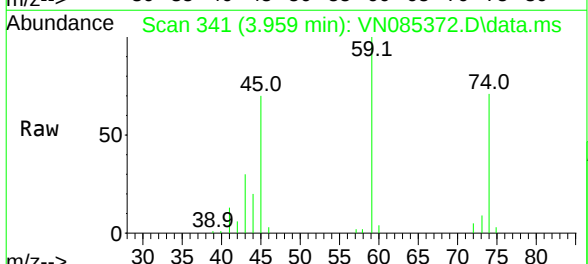
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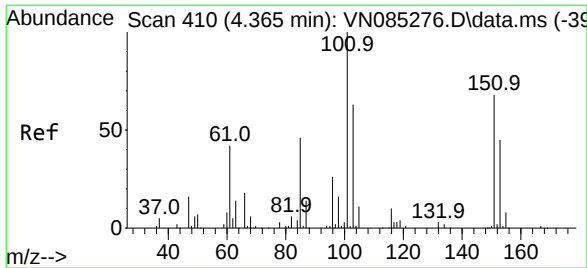


#8
 Diethyl Ether
 Concen: 18.425 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085372.D
 Acq: 02 Jan 2025 10:36

Tgt Ion: 74 Resp: 23114

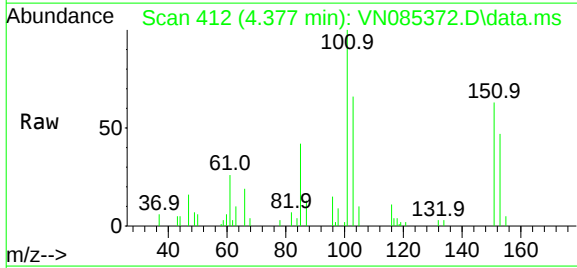
Ion	Ratio	Lower	Upper
74	100		
45	101.4	20.8	187.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.235 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085372.D
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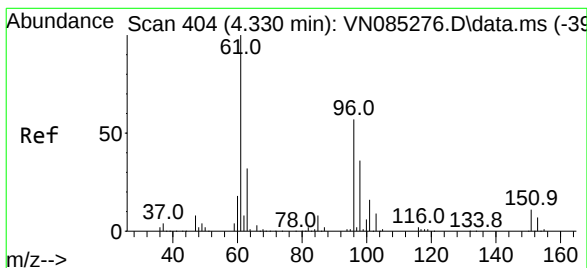
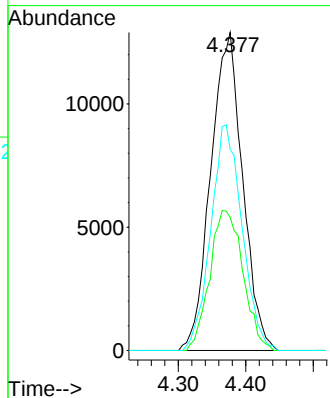
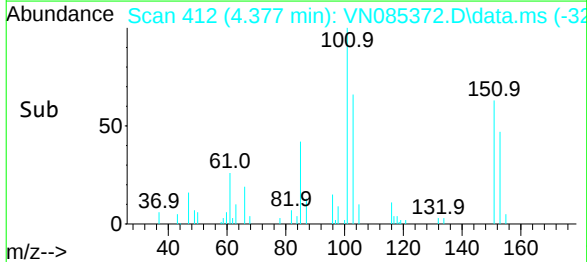
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ClientSampleId :
VSTDCCC020



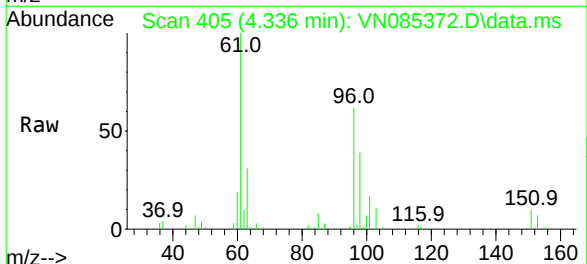
Tgt Ion: 101 Resp: 42326
Ion Ratio Lower Upper
101 100
85 45.9 0.0 96.6
151 69.7 0.0 147.4

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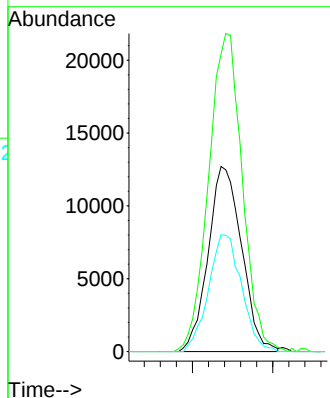
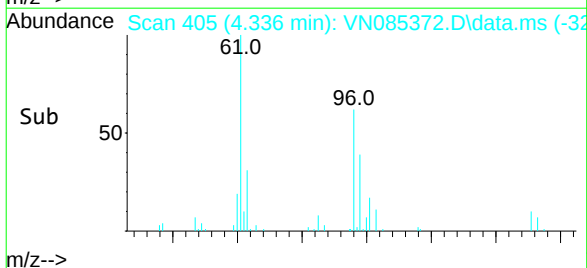
Reviewed By : Mahesh Dadoda 01/03/2025
Supervised By : Semsettin Yesilyurt 01/03/2025

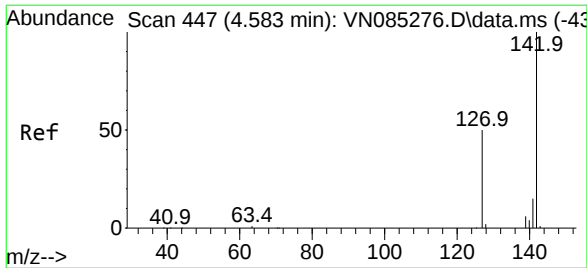


#10
1,1-Dichloroethene
Concen: 19.240 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36



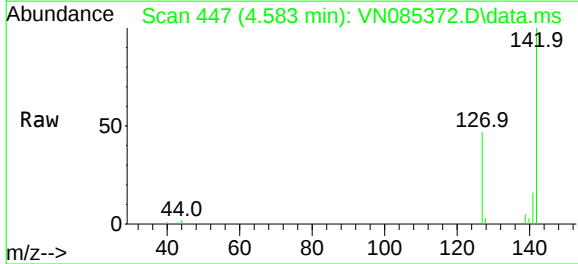
Tgt Ion: 96 Resp: 36764
Ion Ratio Lower Upper
96 100
61 159.1 145.9 218.9
98 63.2 51.9 77.9





#11
Methyl Iodide
Concen: 19.868 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

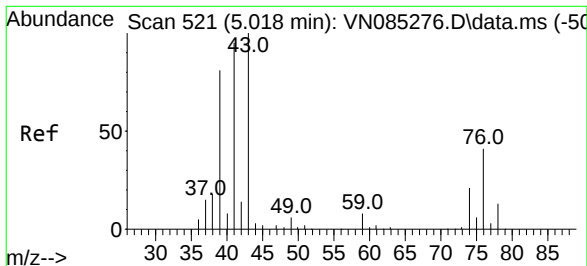
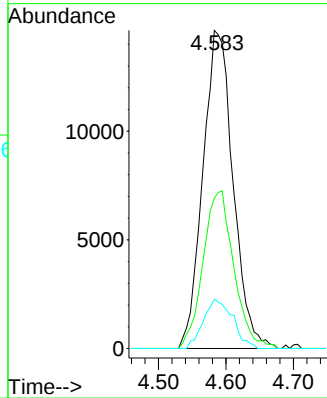
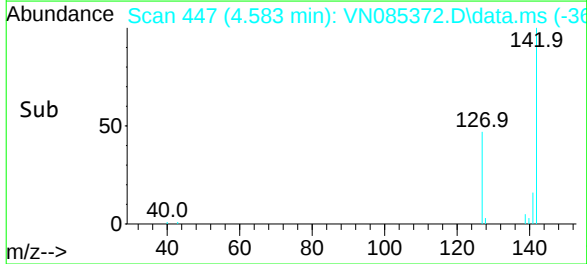
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 142 Resp: 45500
Ion Ratio Lower Upper
142 100
127 47.3 25.1 75.4
141 15.5 6.9 20.7

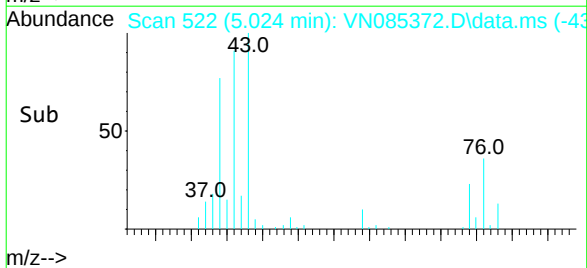
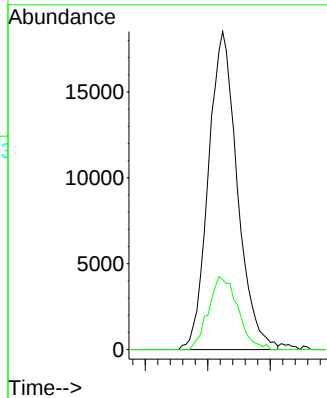
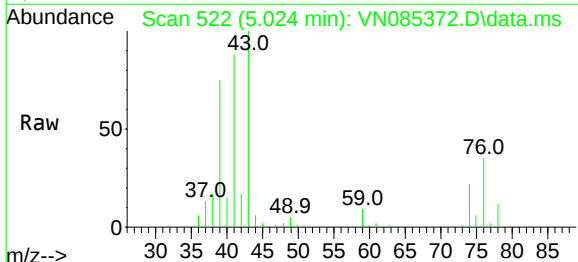
Manual Integrations
APPROVED

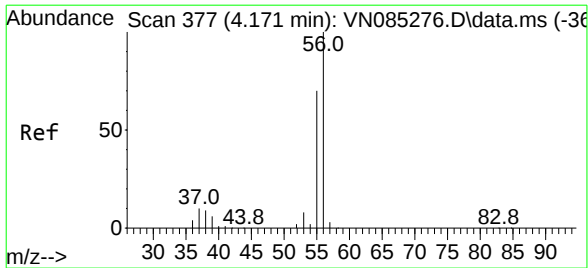
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#12
Methyl Acetate
Concen: 20.895 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion: 43 Resp: 59625
Ion Ratio Lower Upper
43 100
74 22.1 20.5 30.7





#13

Acrolein

Concen: 99.404 ug/l

RT: 4.183 min Scan# 37

Delta R.T. 0.000 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

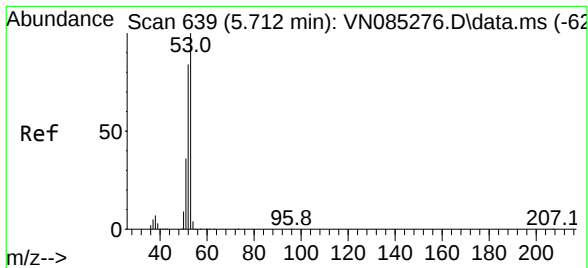
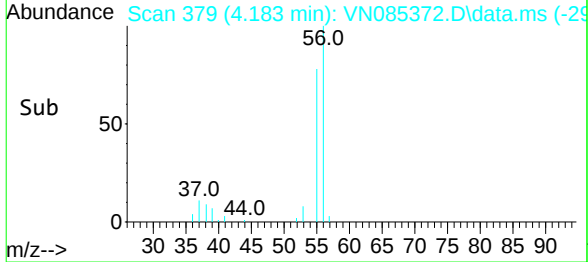
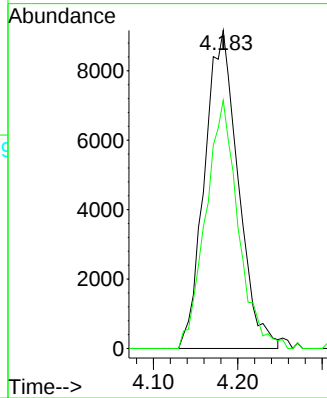
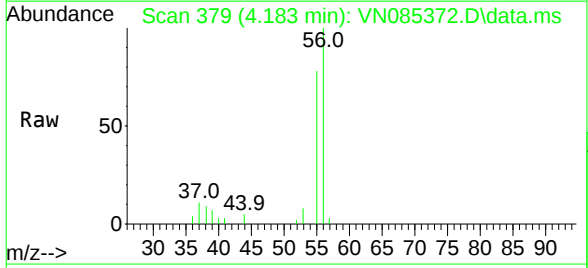
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
56	100		
55	75.0	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#14

Acrylonitrile

Concen: 94.741 ug/l

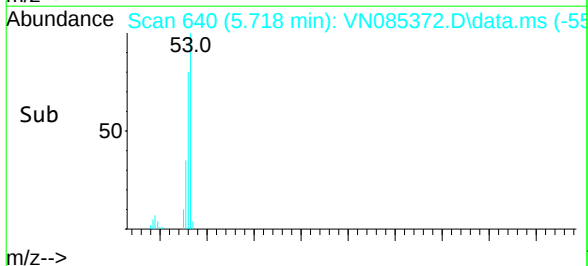
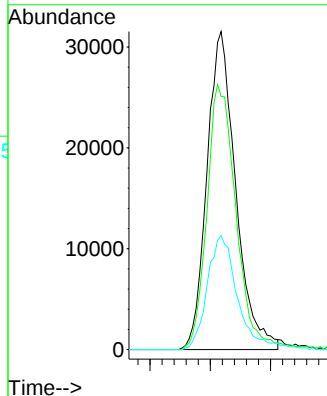
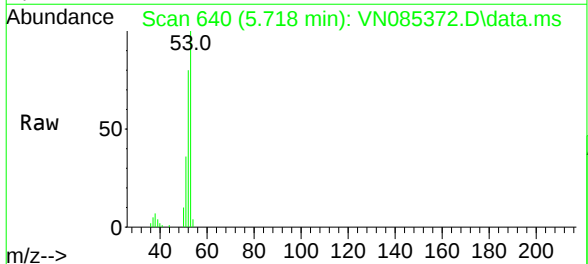
RT: 5.718 min Scan# 640

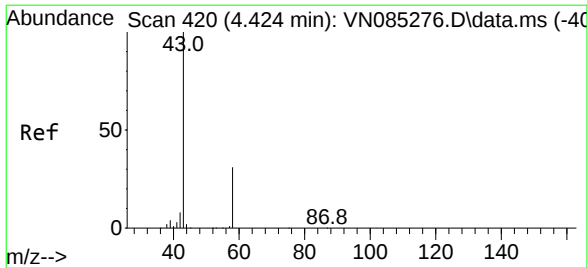
Delta R.T. 0.000 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.5	41.6	124.8
51	36.6	18.1	54.4





#15

Acetone

Concen: 95.833 ug/l

RT: 4.430 min Scan# 42

Delta R.T. 0.000 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 26681

Ion Ratio Lower Upper

58 100

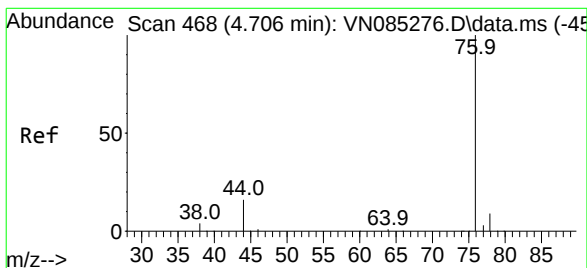
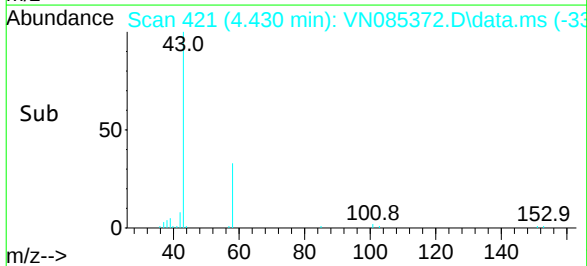
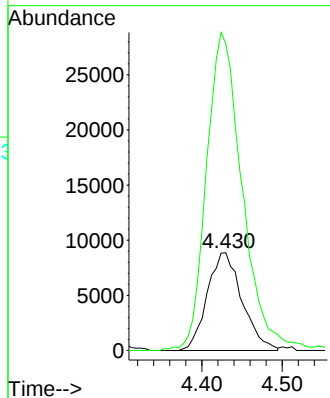
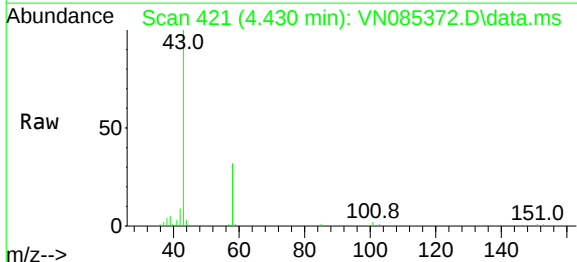
43 311.0 258.8 388.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025

Supervised By :Semsettin Yesilyurt 01/03/2025



#16

Carbon Disulfide

Concen: 18.684 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN085372.D

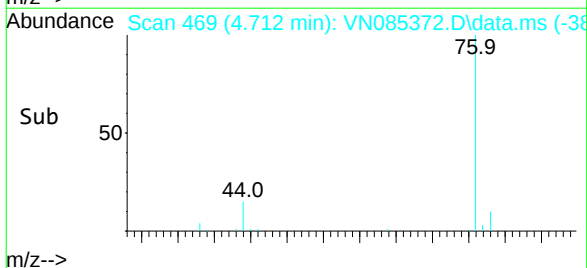
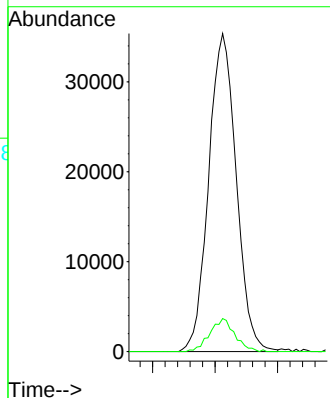
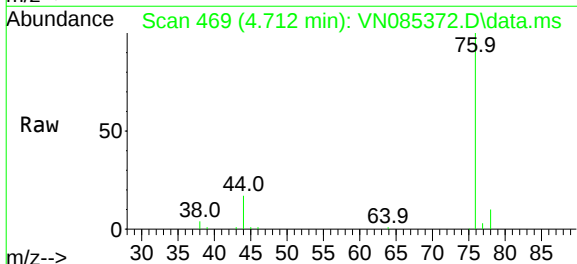
Acq: 02 Jan 2025 10:36

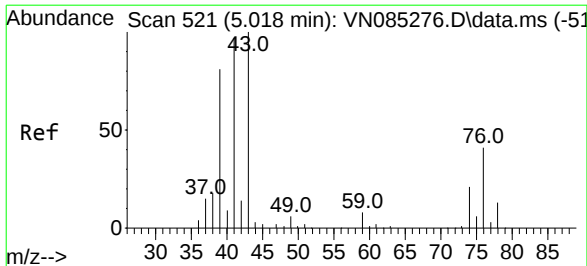
Tgt Ion: 76 Resp: 108523

Ion Ratio Lower Upper

76 100

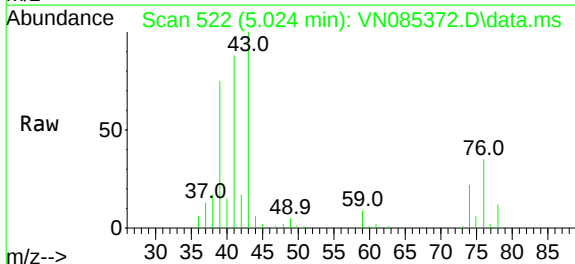
78 10.4 6.6 9.8#





#17
 Allyl chloride
 Concen: 17.751 ug/l
 RT: 5.024 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: VN085372.D
 Acq: 02 Jan 2025 10:36

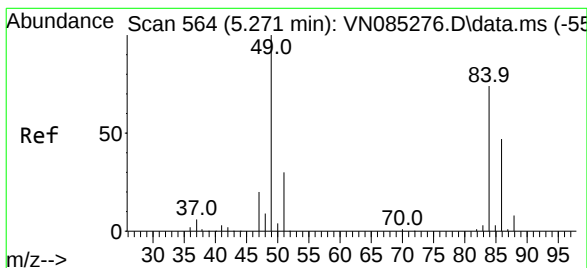
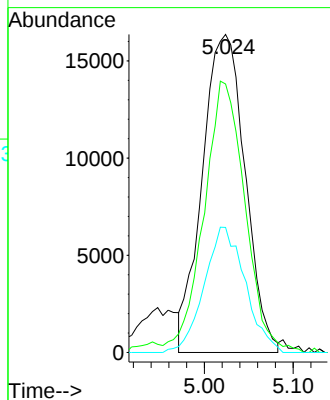
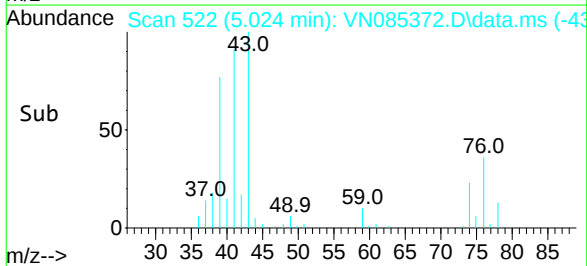
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 41 Resp: 54871
 Ion Ratio Lower Upper
 41 100
 39 83.9 41.3 124.1
 76 38.8 19.5 58.5

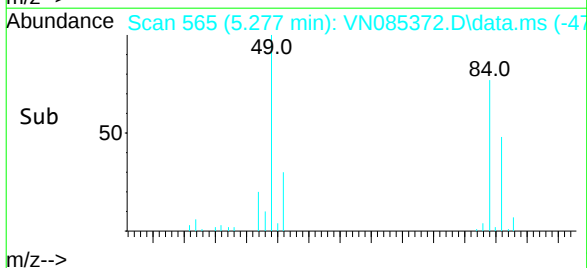
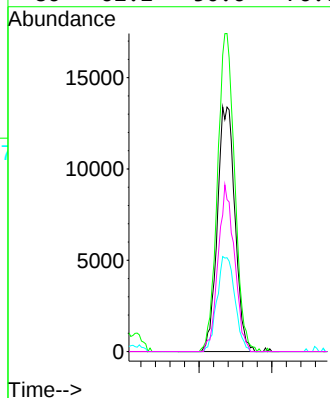
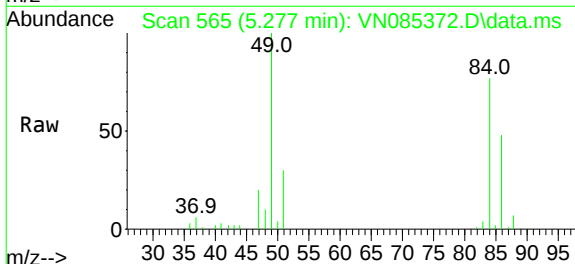
Manual Integrations
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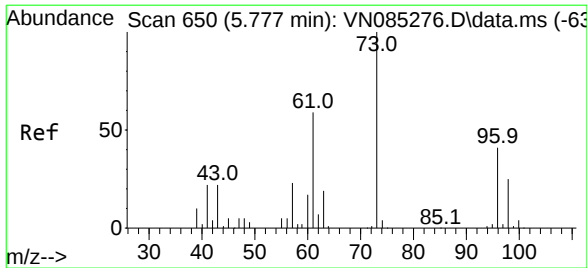
Reviewed By :Mahesh Dadoda 01/03/2025
 Supervised By :Semsettin Yesilyurt 01/03/2025



#18
 Methylene Chloride
 Concen: 19.826 ug/l m
 RT: 5.277 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: VN085372.D
 Acq: 02 Jan 2025 10:36

Tgt Ion: 84 Resp: 45143
 Ion Ratio Lower Upper
 84 100
 49 130.1 104.9 157.3
 51 38.4 30.2 45.4
 86 62.2 50.6 76.0





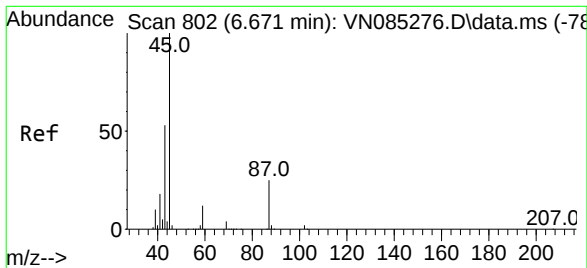
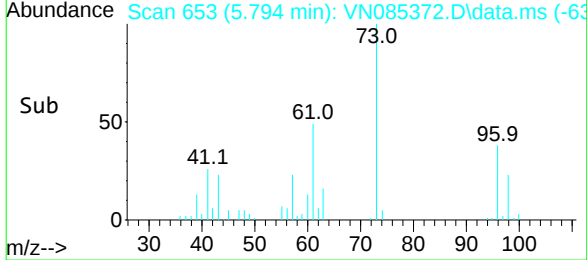
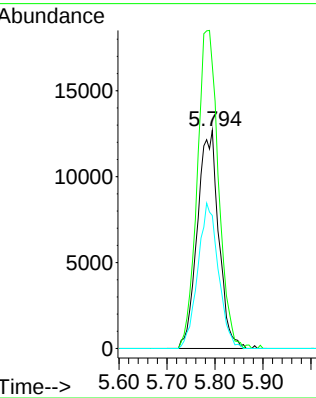
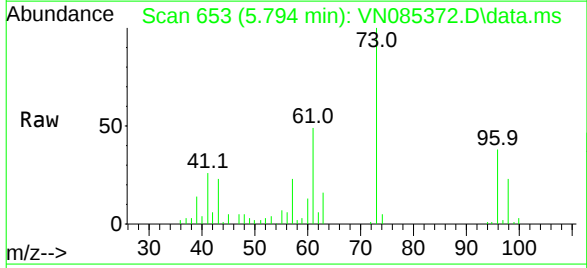
#19
trans-1,2-Dichloroethene
Concen: 19.639 ug/l m
RT: 5.794 min Scan# 65
Delta R.T. 0.012 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 96 Resp: 39032
Ion Ratio Lower Upper
96 100
61 129.6 124.2 186.4
98 60.9 51.0 76.4

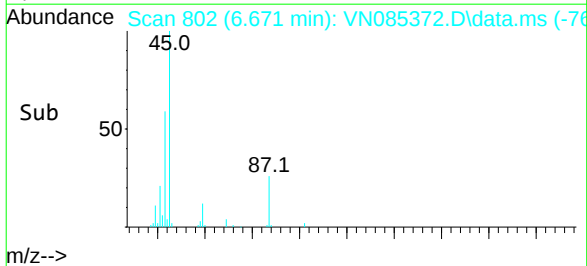
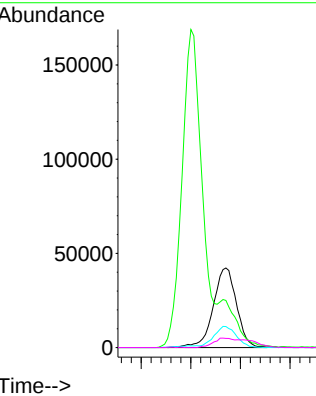
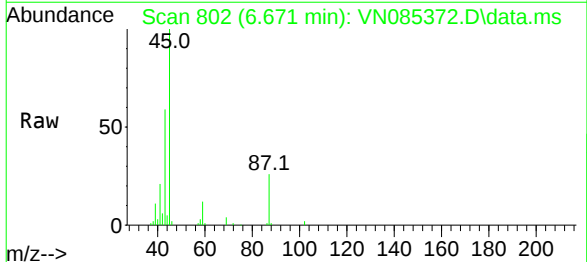
Manual Integrations
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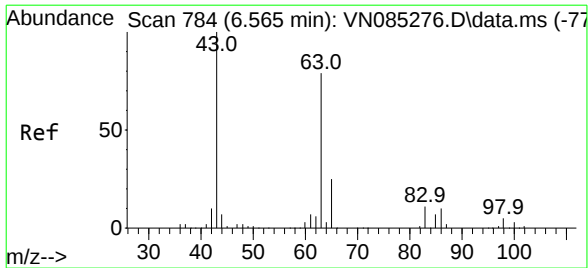
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#20
Diisopropyl ether
Concen: 19.464 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion: 45 Resp: 137887
Ion Ratio Lower Upper
45 100
43 56.9 46.6 69.8
87 26.4 22.3 33.5
59 11.1 9.2 13.8





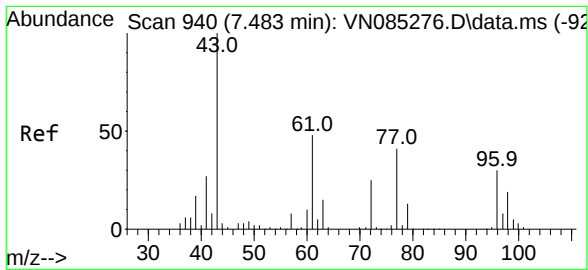
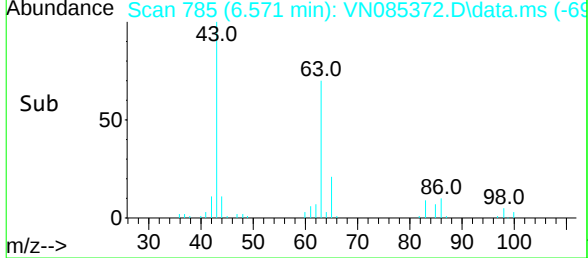
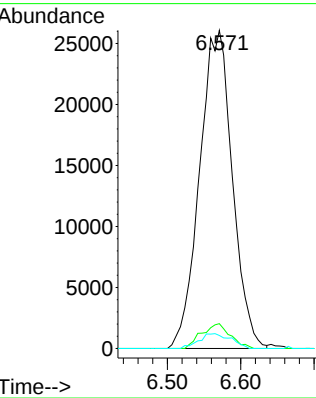
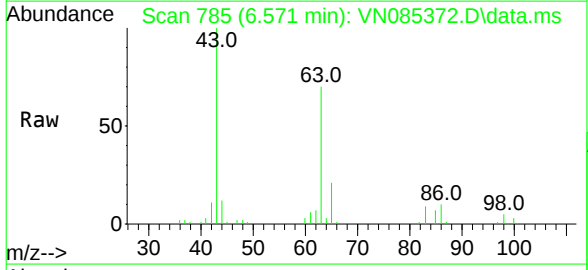
#21
1,1-Dichloroethane
Concen: 19.556 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 80989
Ion Ratio Lower Upper
63 100
98 7.8 2.4 7.1#
100 4.1 2.1 6.3

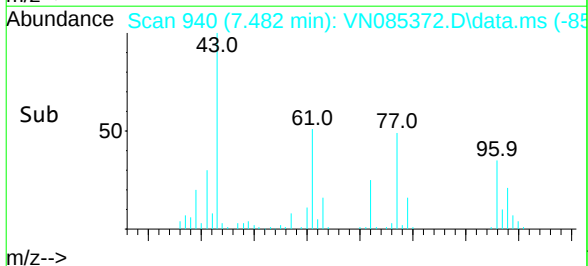
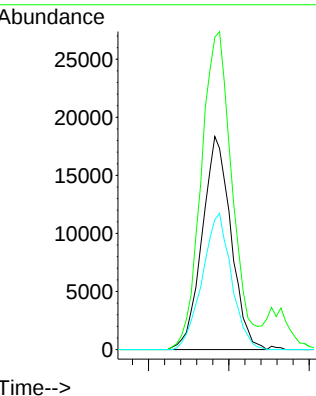
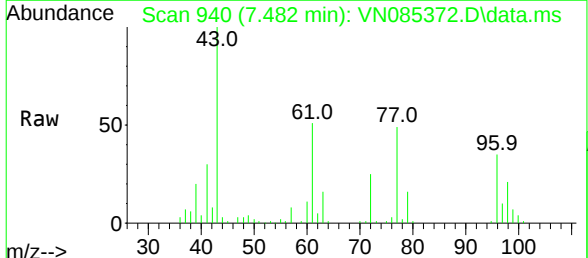
Manual Integrations
APPROVED

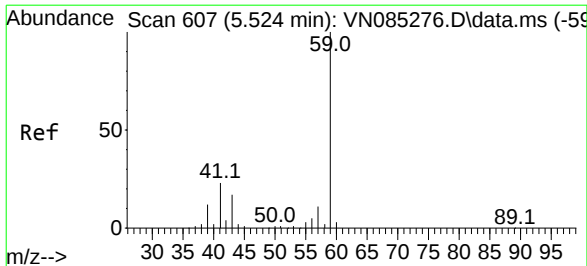
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#22
cis-1,2-Dichloroethene
Concen: 19.360 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion: 96 Resp: 45817
Ion Ratio Lower Upper
96 100
61 159.2 128.1 192.1
98 64.5 52.7 79.1





#23

tert-Butyl Alcohol

Concen: 89.034 ug/l

RT: 5.512 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 59 Resp: 32385

Ion Ratio Lower Upper

59 100

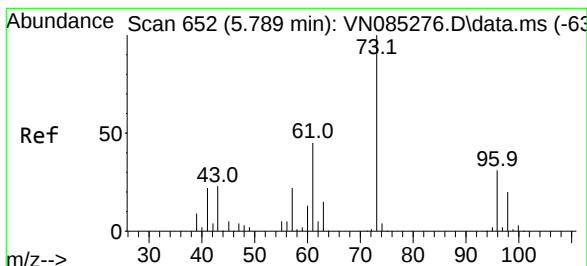
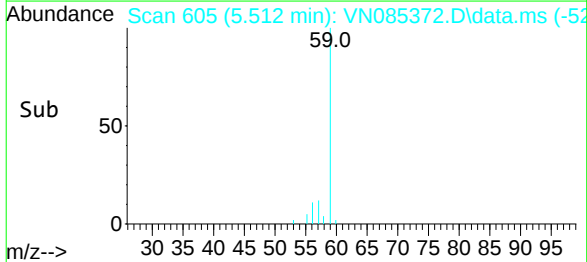
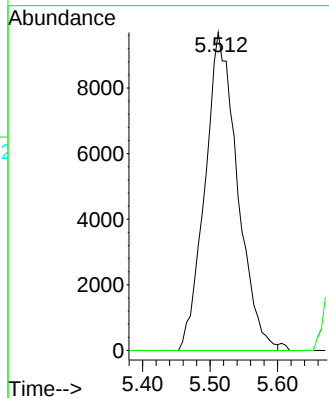
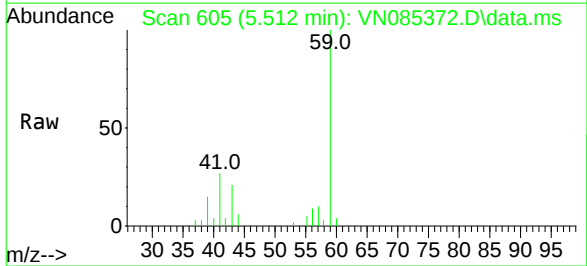
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025

Supervised By :Semsettin Yesilyurt 01/03/2025



#24

Methyl tert-Butyl Ether

Concen: 18.963 ug/l

RT: 5.789 min Scan# 652

Delta R.T. -0.012 min

Lab File: VN085372.D

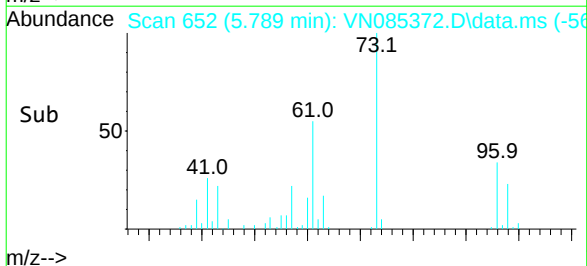
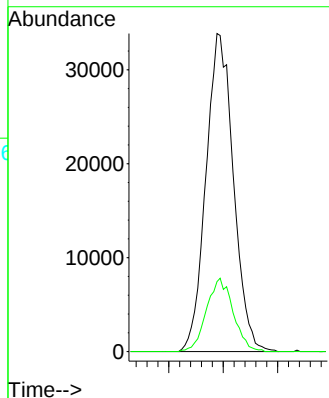
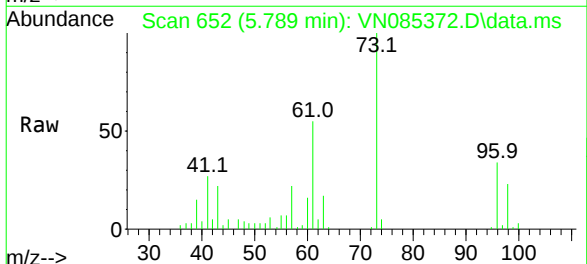
Acq: 02 Jan 2025 10:36

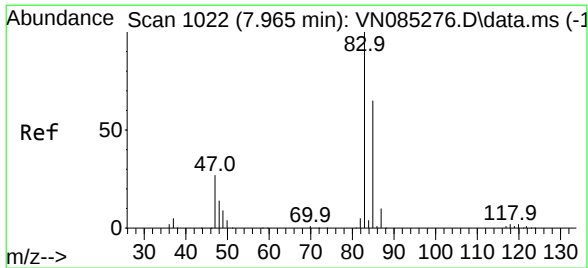
Tgt Ion: 73 Resp: 118934

Ion Ratio Lower Upper

73 100

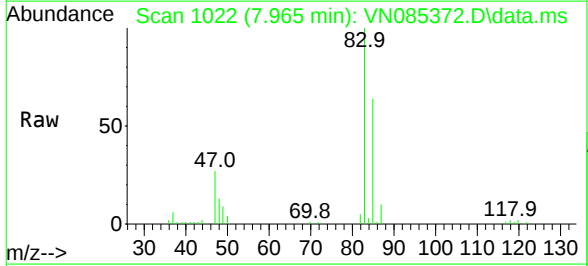
43 22.4 18.6 27.8





#25
Chloroform
Concen: 19.919 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

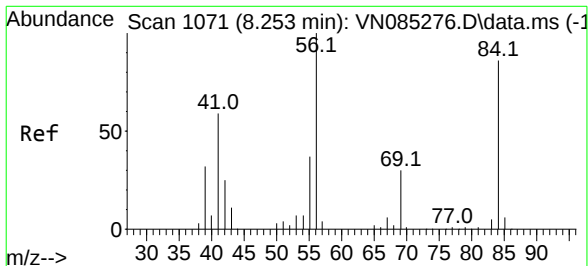
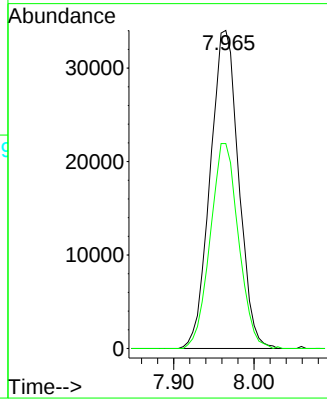
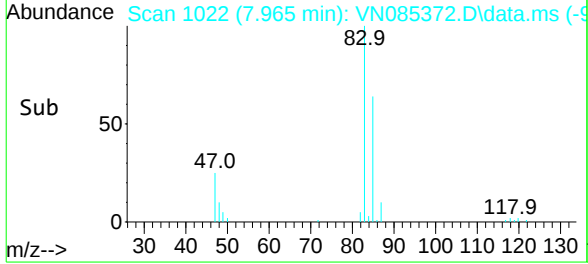
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 83622
Ion Ratio Lower Upper
83 100
85 64.4 52.0 78.0

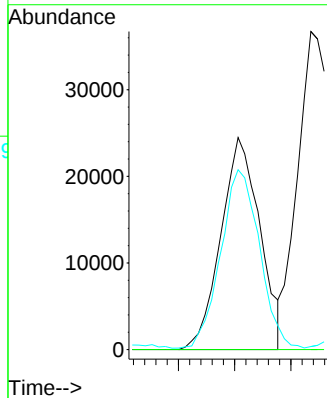
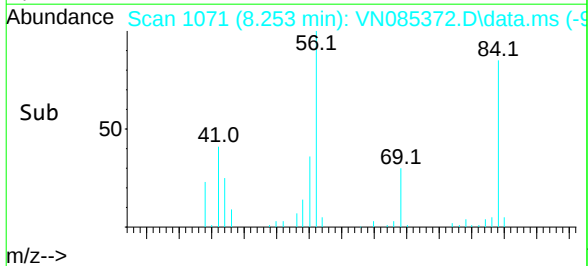
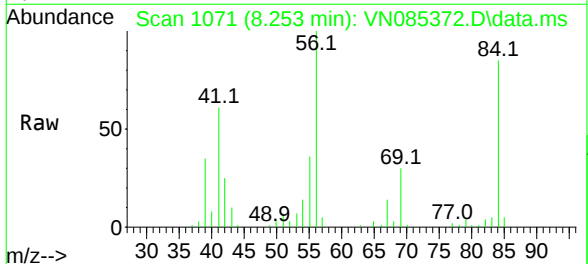
Manual Integrations
APPROVED

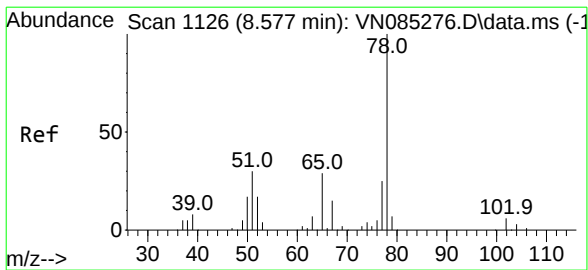
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#26
Cyclohexane
Concen: 18.693 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion: 56 Resp: 59024
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.2 67.6 101.4





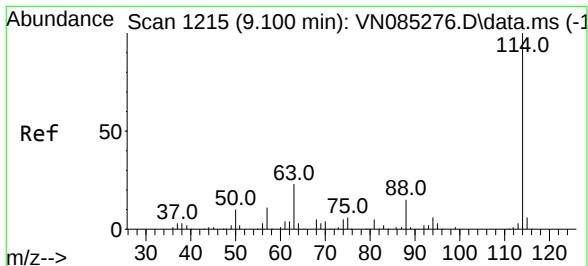
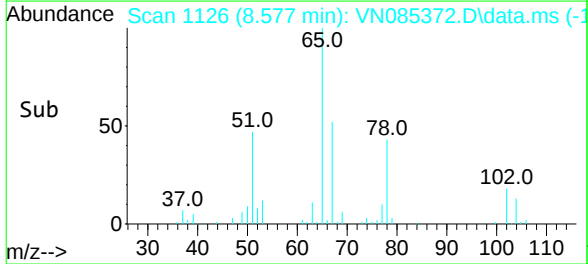
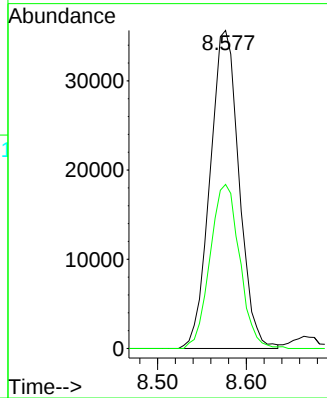
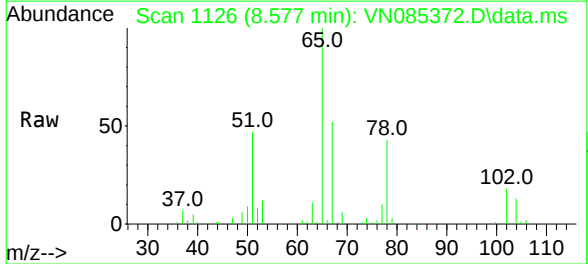
#27
1,2-Dichloroethane-d4
Concen: 29.713 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 80849
Ion Ratio Lower Upper
65 100
67 52.6 42.0 63.0

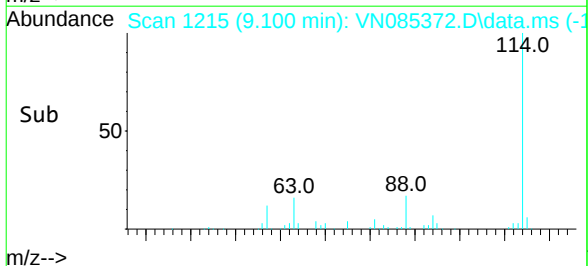
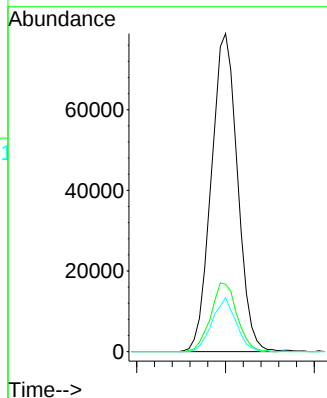
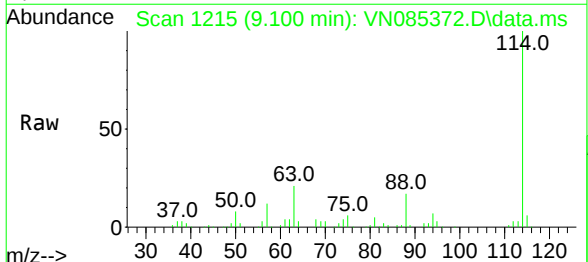
Manual Integrations
APPROVED

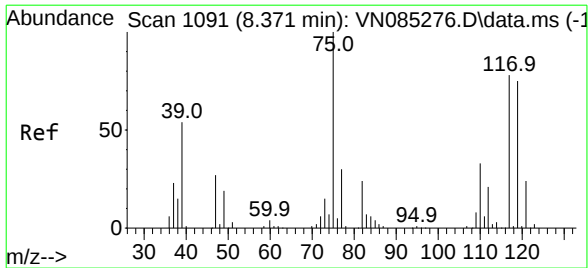
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion:114 Resp: 161808
Ion Ratio Lower Upper
114 100
63 21.7 18.0 27.0
88 15.3 12.9 19.3





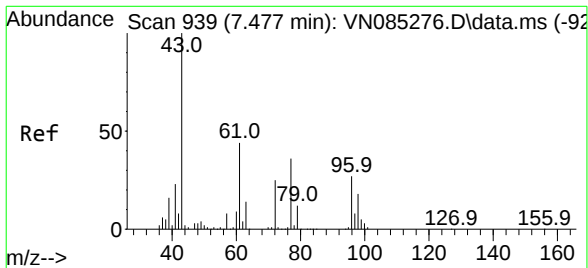
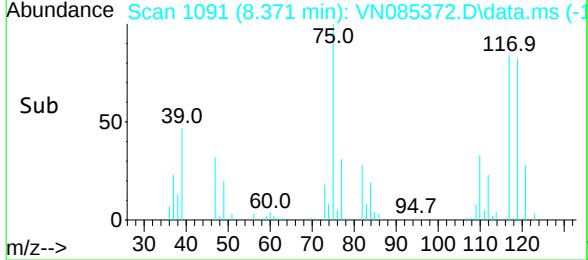
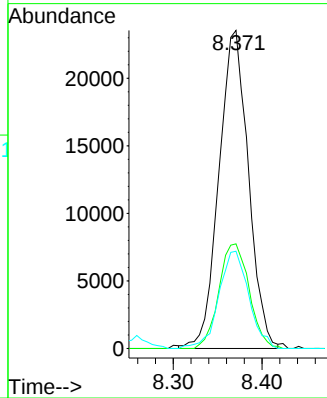
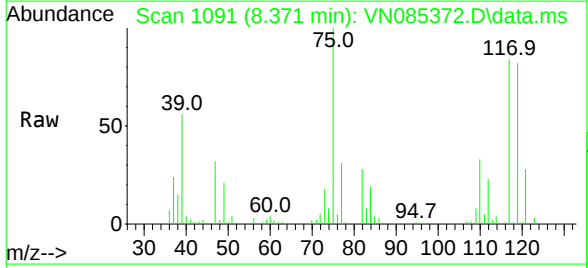
#29
1,1-Dichloropropene
Concen: 19.319 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75	Resp: 54274
Ion Ratio	Lower Upper
75 100	
110 33.7	0.0 64.8
77 31.1	0.0 60.8

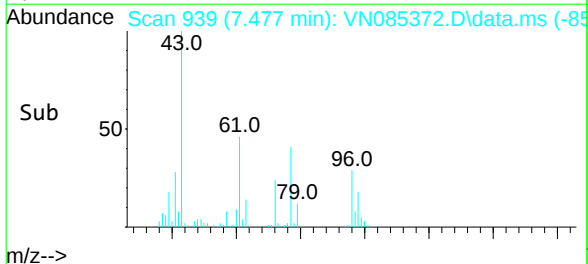
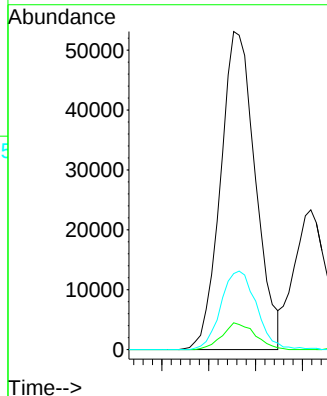
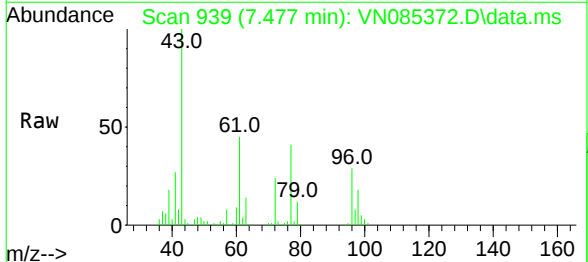
Manual Integrations
APPROVED

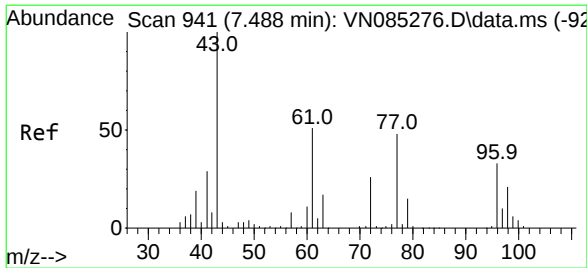
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#30
2-Butanone
Concen: 92.708 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion: 43	Resp: 137479
Ion Ratio	Lower Upper
43 100	
57 7.9	6.2 9.2
72 25.2	19.9 29.9





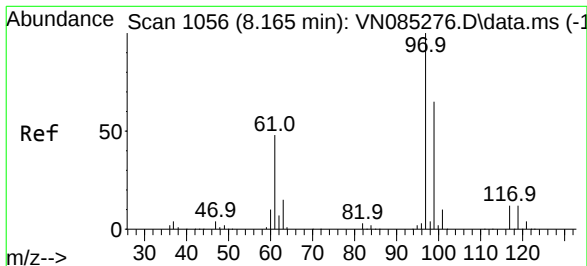
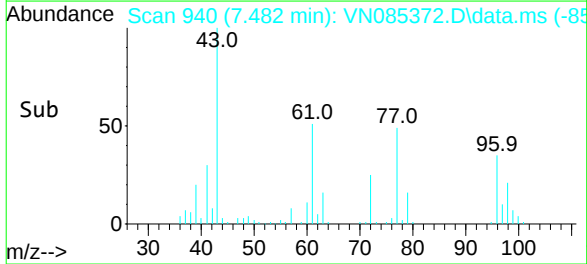
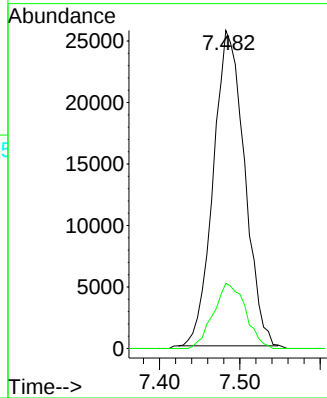
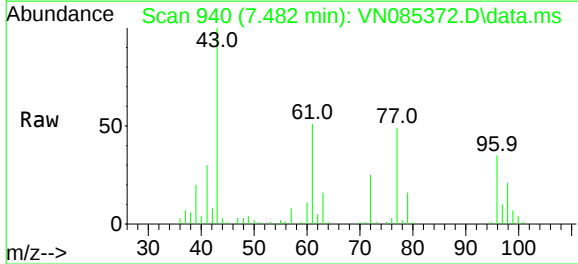
#31
2,2-Dichloropropane
Concen: 19.441 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 69206
Ion Ratio Lower Upper
77 100
97 21.3 16.9 25.3

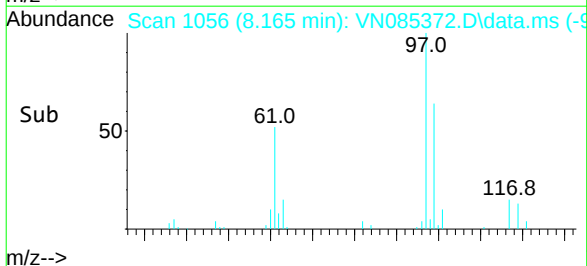
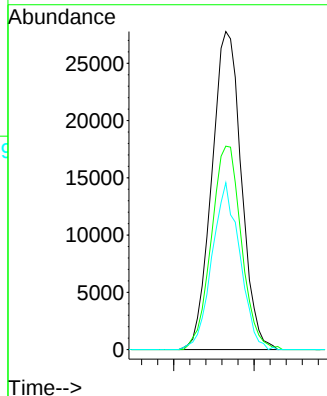
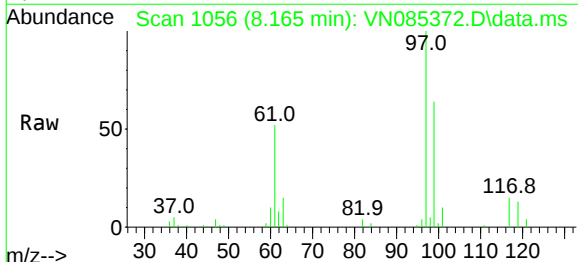
Manual Integrations
APPROVED

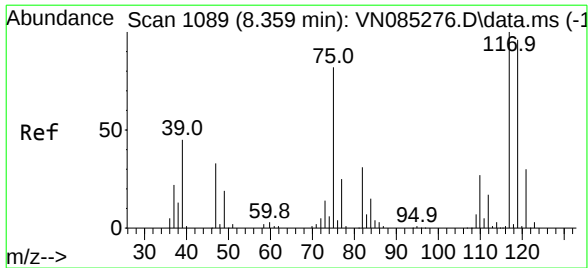
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#32
1,1,1-Trichloroethane
Concen: 19.457 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

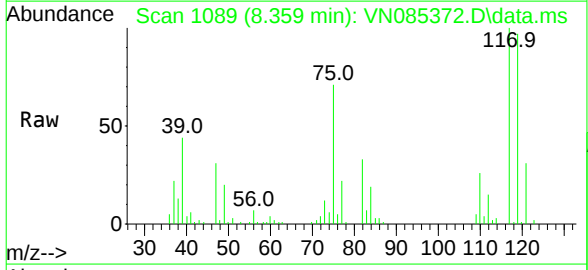
Tgt Ion: 97 Resp: 71059
Ion Ratio Lower Upper
97 100
99 65.0 52.2 78.2
61 49.3 39.8 59.8





#33
Carbon Tetrachloride
Concen: 19.789 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

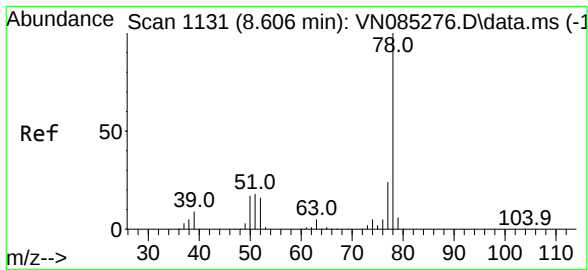
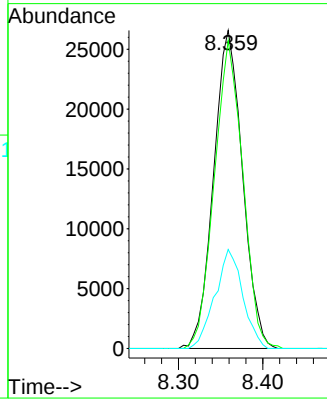
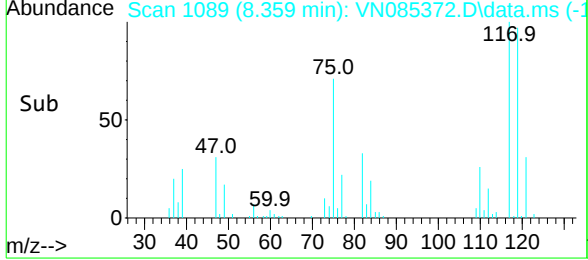
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



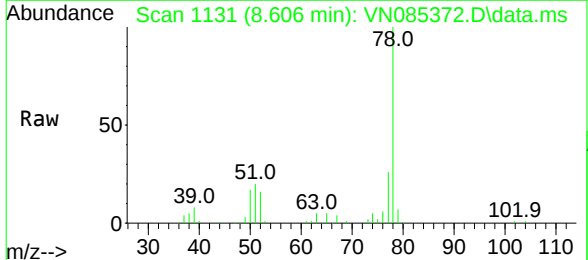
Tgt Ion: 117 Resp: 63266
Ion Ratio Lower Upper
117 100
119 96.8 71.6 107.4
121 31.1 23.5 35.3

Manual Integrations
APPROVED

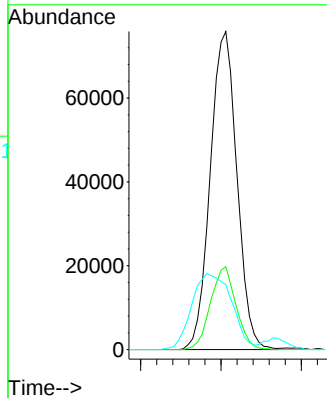
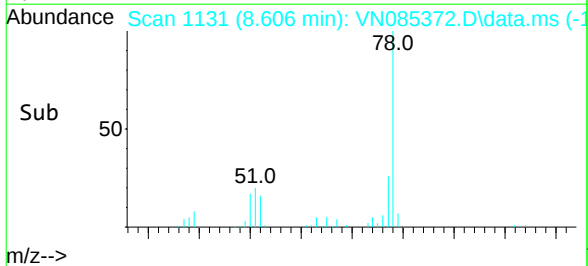
Reviewed By : Mahesh Dadoda 01/03/2025
Supervised By : Semsettin Yesilyurt 01/03/2025

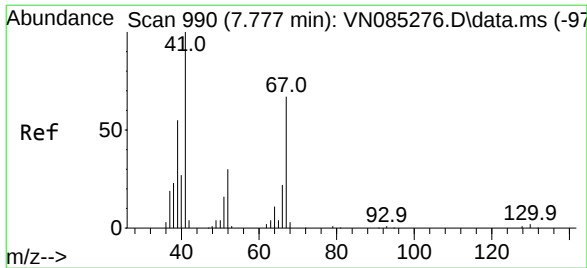


#34
Benzene
Concen: 19.694 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36



Tgt Ion: 78 Resp: 174892
Ion Ratio Lower Upper
78 100
77 26.1 19.3 28.9
51 17.5 14.6 21.8





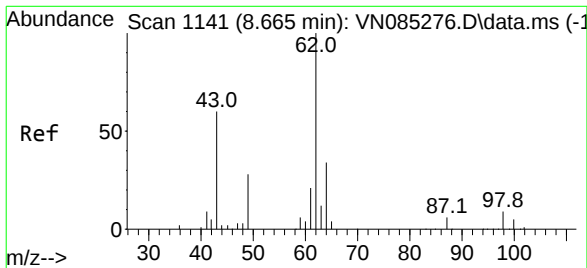
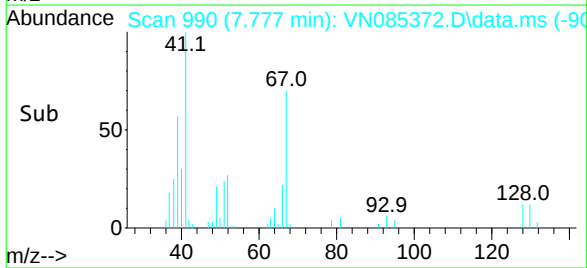
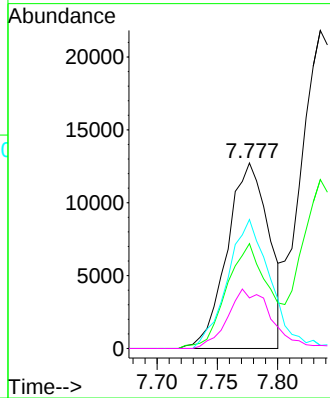
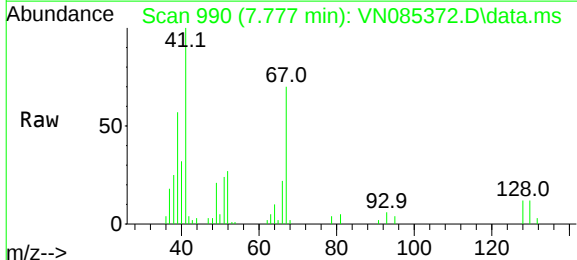
#35
Methacrylonitrile
Concen: 18.637 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	30595
Ion	Ratio	Lower	Upper
41	100		
39	56.5	26.7	80.0
67	69.5	32.5	97.5
52	27.3	13.3	39.9

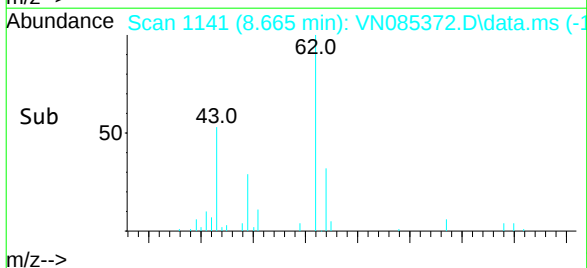
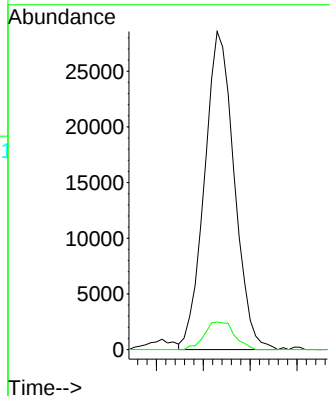
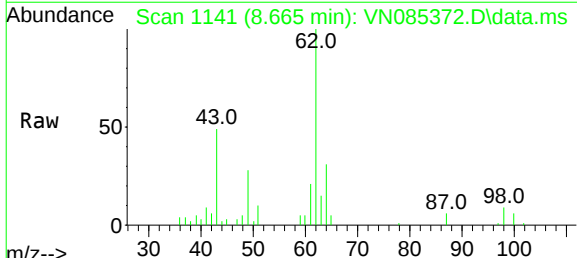
Manual Integrations
APPROVED

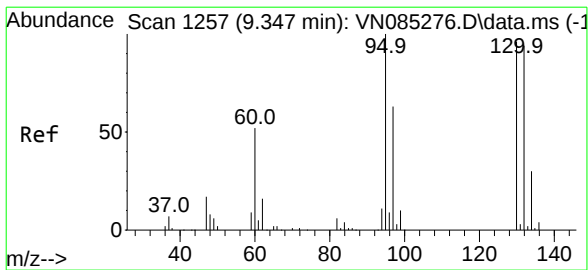
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#36
1,2-Dichloroethane
Concen: 19.625 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

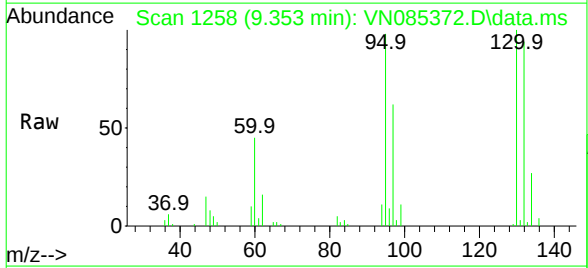
Tgt Ion:	62	Resp:	63020
Ion	Ratio	Lower	Upper
62	100		
98	5.8	6.6	10.0#





#37
 Trichloroethene
 Concen: 19.590 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. 0.006 min
 Lab File: VN085372.D
 Acq: 02 Jan 2025 10:36

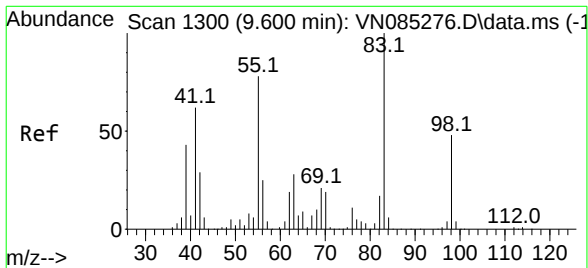
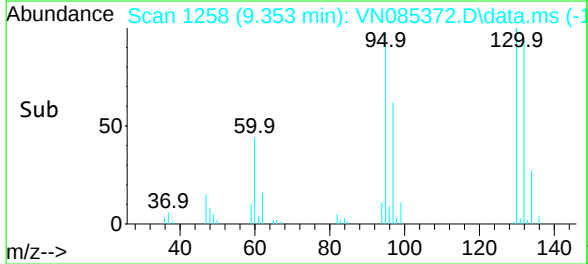
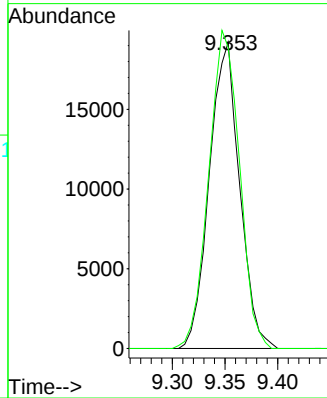
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 130 Resp: 38276
 Ion Ratio Lower Upper
 130 100
 95 98.3 80.0 120.0

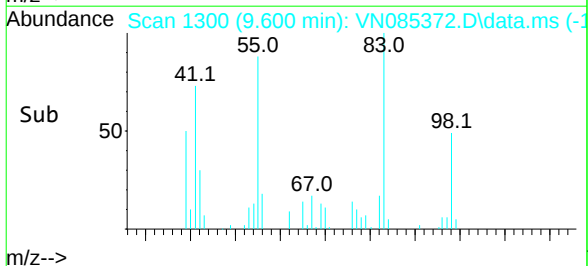
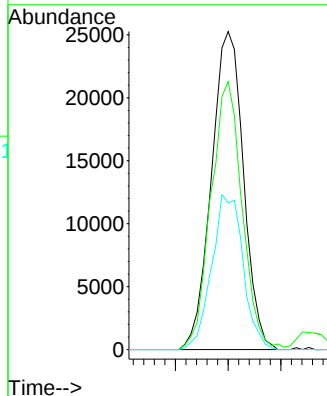
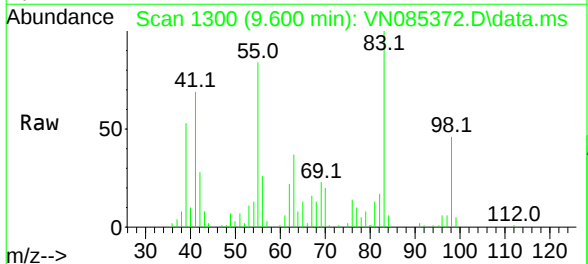
Manual Integrations
 APPROVED

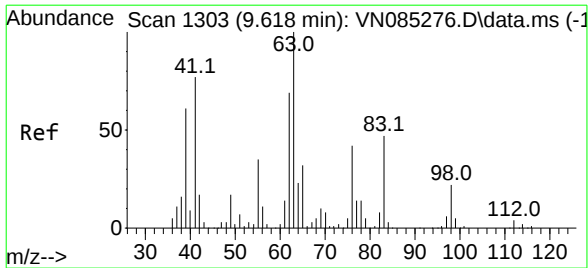
Reviewed By :Mahesh Dadoda 01/03/2025
 Supervised By :Semsettin Yesilyurt 01/03/2025



#38
 Methylcyclohexane
 Concen: 18.337 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. 0.000 min
 Lab File: VN085372.D
 Acq: 02 Jan 2025 10:36

Tgt Ion: 83 Resp: 53311
 Ion Ratio Lower Upper
 83 100
 55 81.9 43.6 130.8
 98 47.7 24.2 72.6





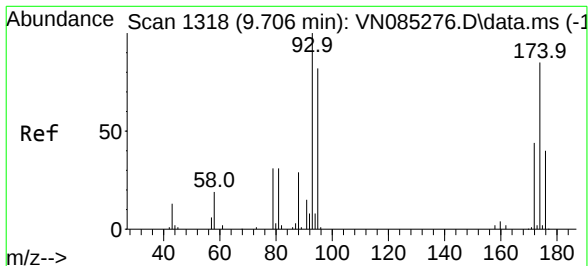
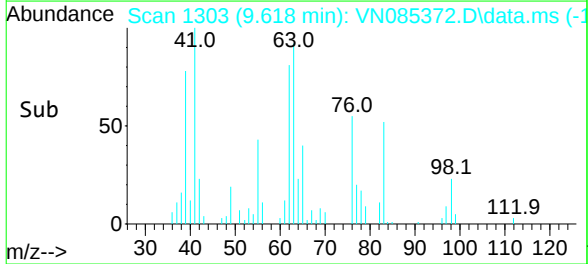
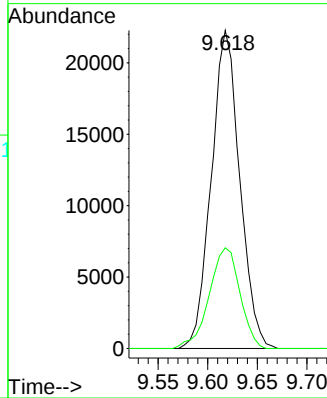
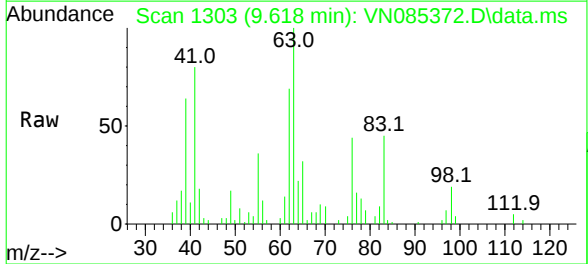
#39
1,2-Dichloropropane
Concen: 19.650 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 44397
Ion Ratio Lower Upper
63 100
65 31.7 26.1 39.1

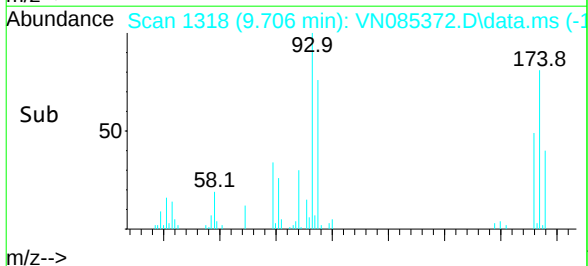
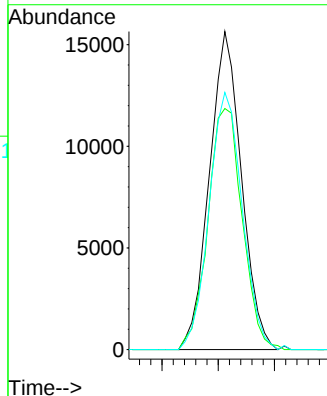
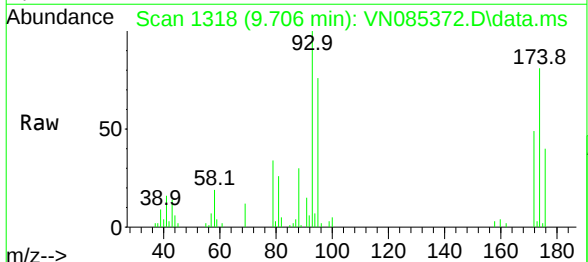
Manual Integrations
APPROVED

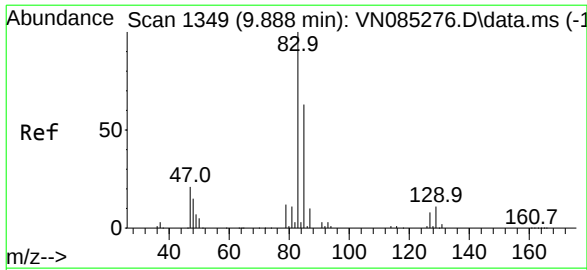
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#40
Dibromomethane
Concen: 19.692 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion: 93 Resp: 31019
Ion Ratio Lower Upper
93 100
95 81.1 0.0 167.6
174 83.4 0.0 171.0





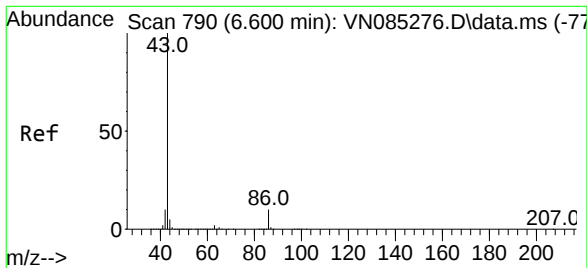
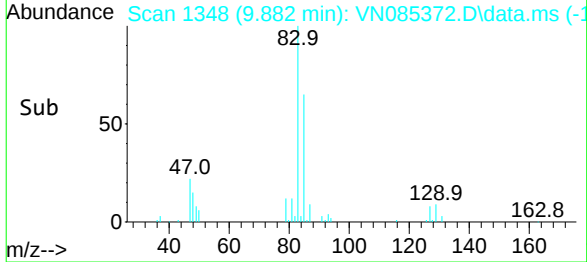
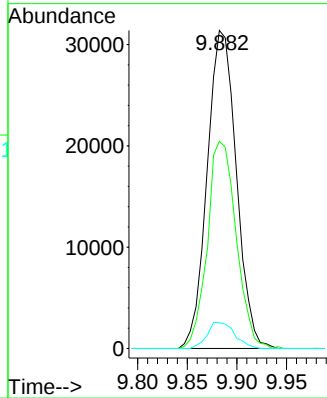
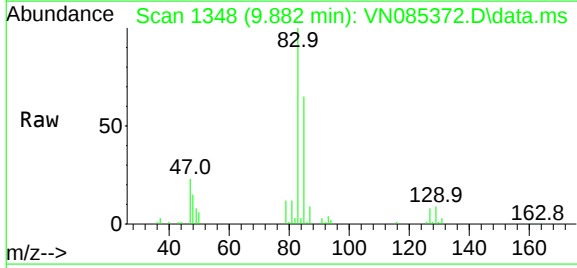
#41
Bromodichloromethane
Concen: 19.510 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 64227
Ion Ratio Lower Upper
83 100
85 65.1 50.1 75.1
127 8.1 5.8 8.6

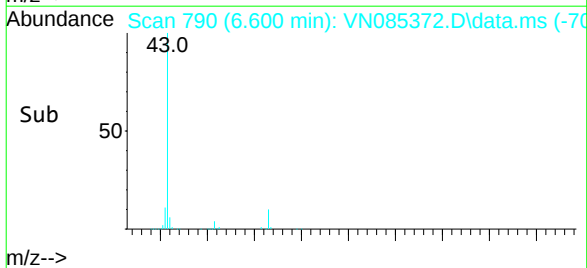
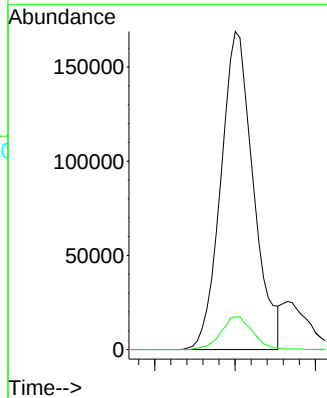
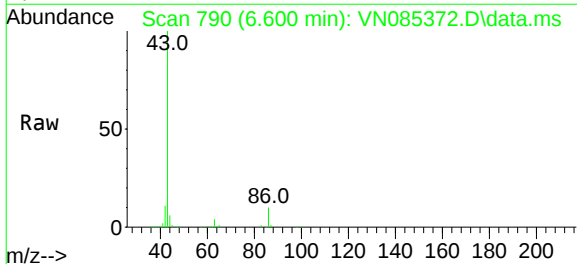
Manual Integrations
APPROVED

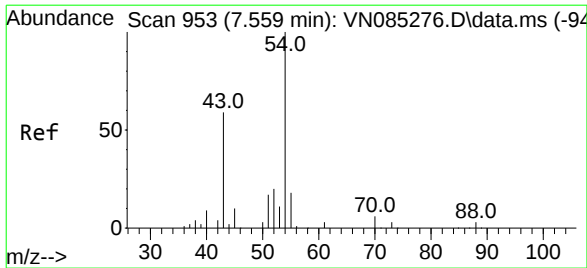
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#42
Vinyl Acetate
Concen: 90.822 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion: 43 Resp: 475411
Ion Ratio Lower Upper
43 100
86 10.0 7.9 11.9





#43

Ethyl Acetate

Concen: 18.146 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.006 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 55647

Ion Ratio Lower Upper

43 100

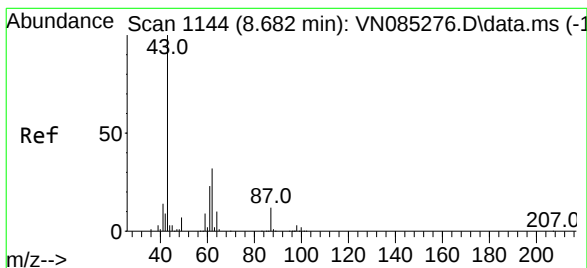
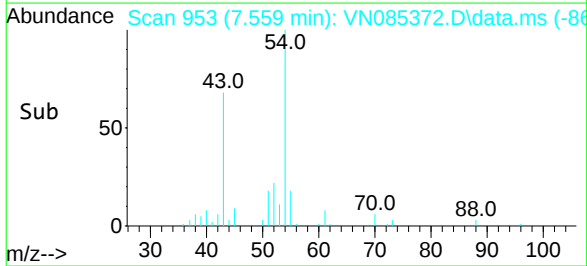
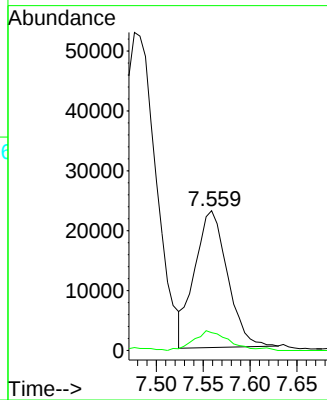
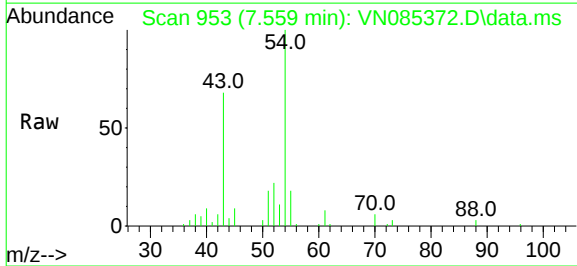
45 14.8 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025

Supervised By :Semsettin Yesilyurt 01/03/2025



#44

Isopropyl Acetate

Concen: 18.504 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN085372.D

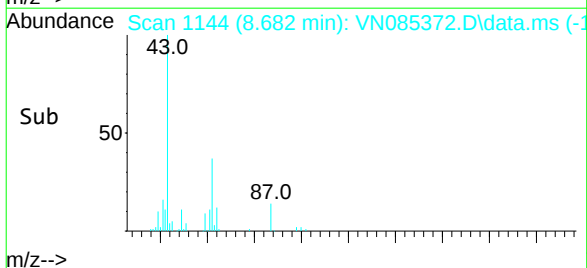
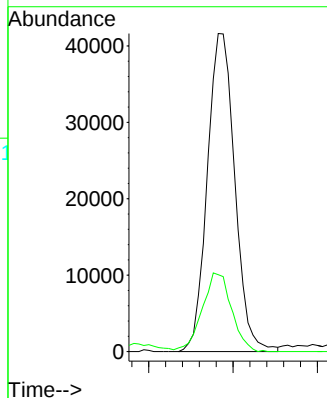
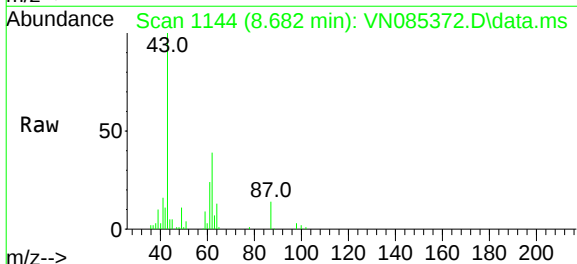
Acq: 02 Jan 2025 10:36

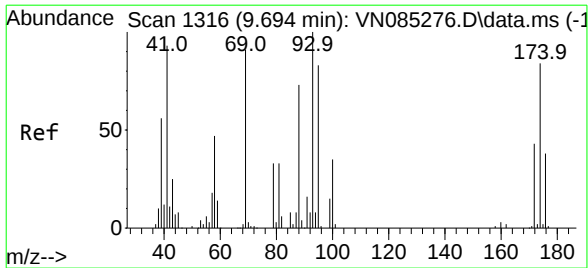
Tgt Ion: 43 Resp: 94269

Ion Ratio Lower Upper

43 100

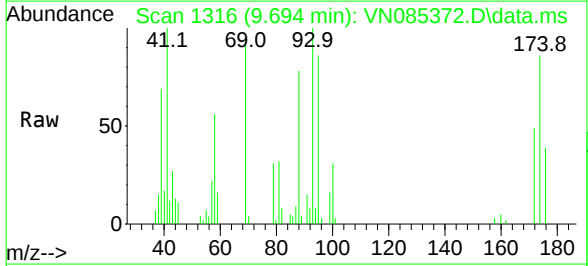
61 26.3 19.7 29.5





#45
1,4-Dioxane
Concen: 380.926 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

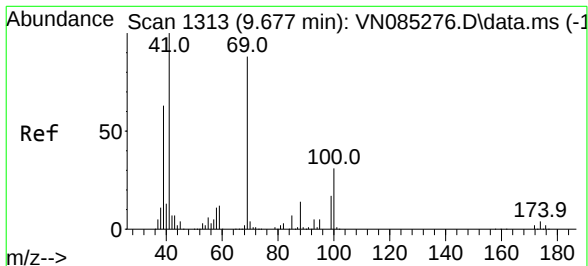
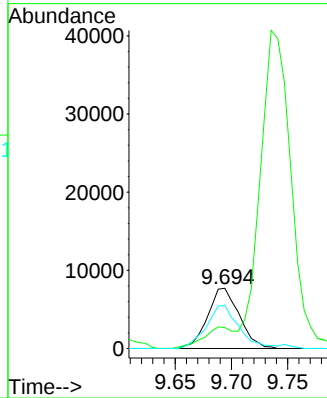
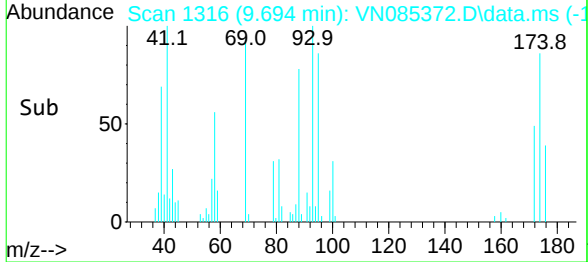
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



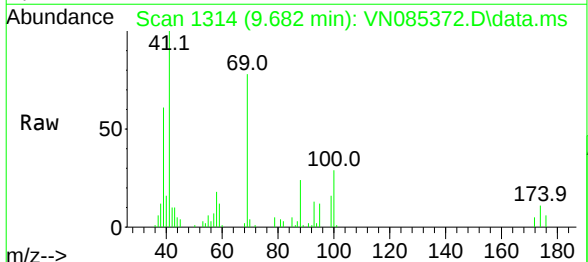
Tgt Ion: 88 Resp: 15094
Ion Ratio Lower Upper
88 100
43 37.1 25.4 38.2
58 74.2 58.5 87.7

Manual Integrations
APPROVED

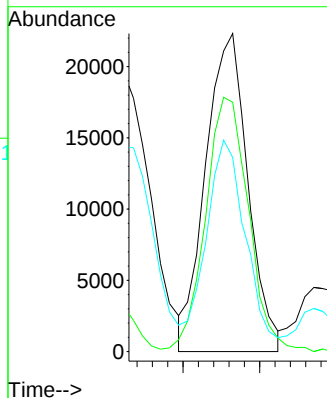
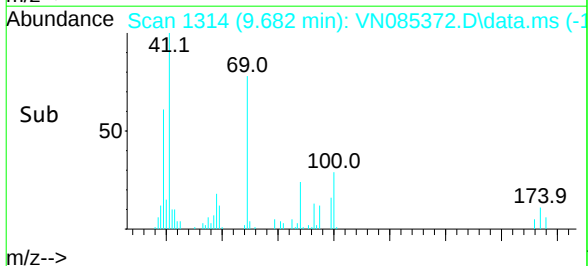
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

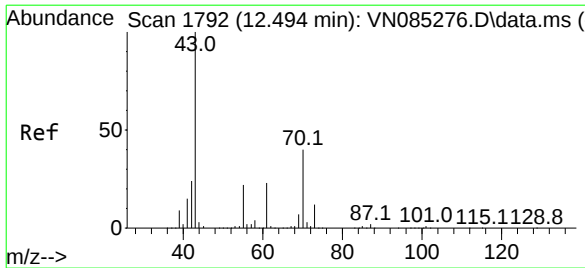


#46
Methyl methacrylate
Concen: 18.061 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36



Tgt Ion: 41 Resp: 42710
Ion Ratio Lower Upper
41 100
69 79.8 39.9 119.6
39 60.6 31.6 95.0





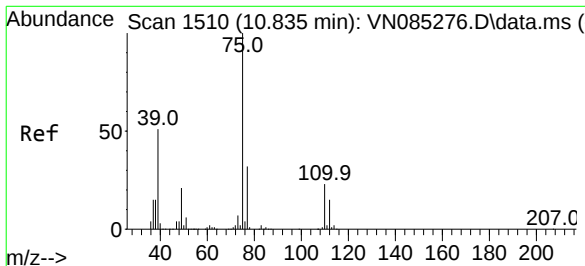
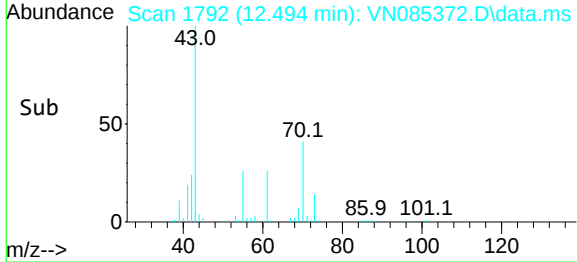
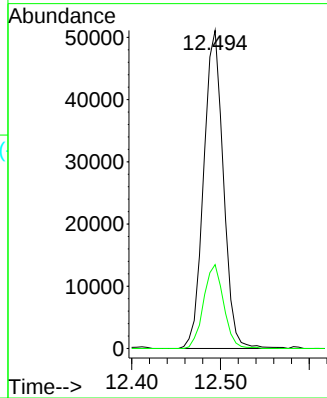
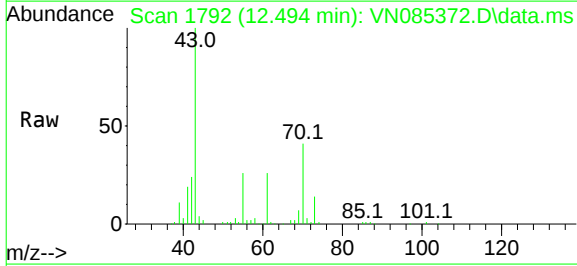
#47
n-amy1 Acetate
Concen: 18.148 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 78759
Ion Ratio Lower Upper
43 100
55 26.7 21.3 31.9

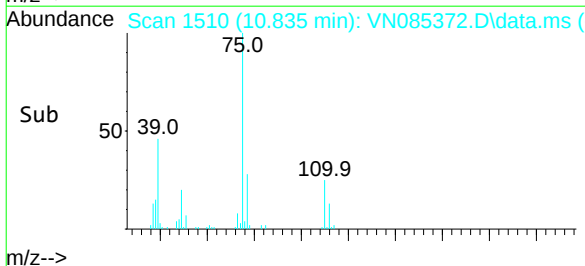
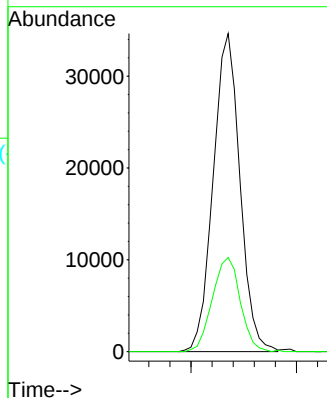
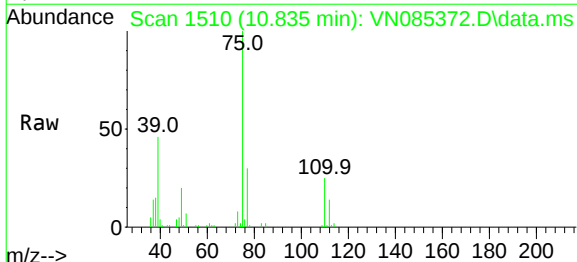
Manual Integrations
APPROVED

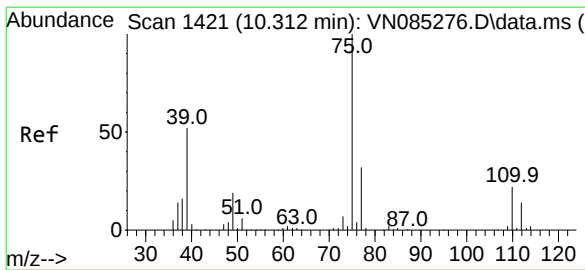
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#48
t-1,3-Dichloropropene
Concen: 18.761 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion: 75 Resp: 61004
Ion Ratio Lower Upper
75 100
77 29.6 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 19.043 ug/l

RT: 10.306 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

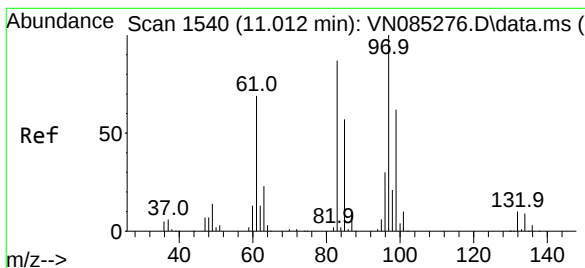
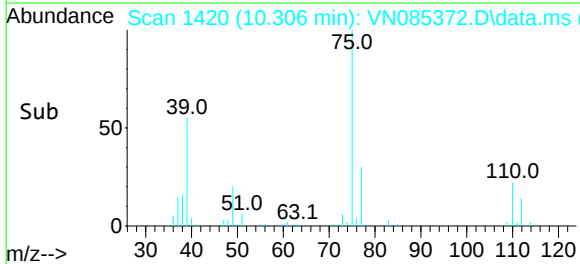
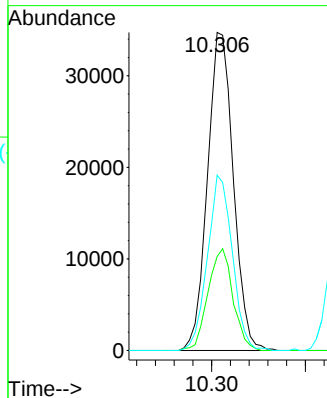
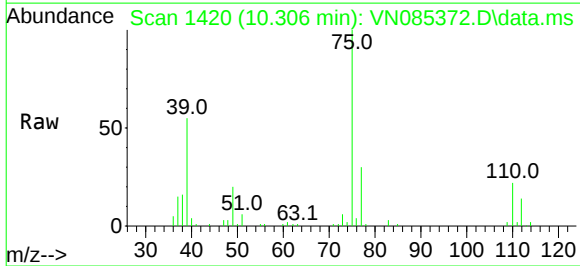
VSTDCCC020

Tgt Ion: 75	Resp: 66572
Ion Ratio	Lower Upper
75 100	
77 29.5	26.6 40.0
39 55.1	41.9 62.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#50

1,1,2-Trichloroethane

Concen: 19.198 ug/l

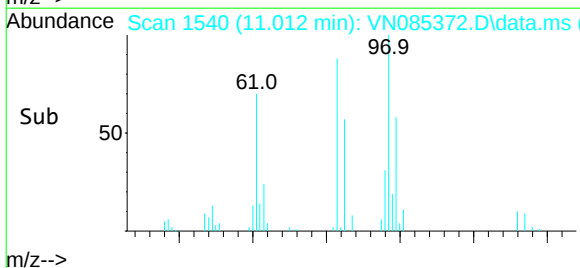
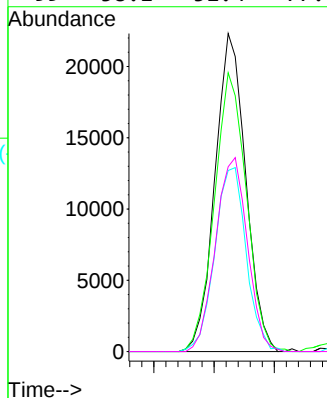
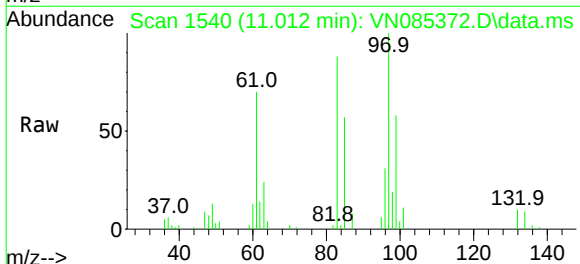
RT: 11.012 min Scan# 1540

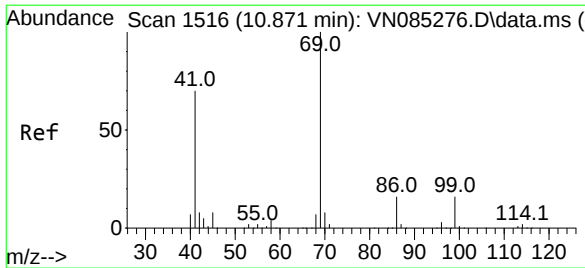
Delta R.T. 0.000 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Tgt Ion: 97	Resp: 39550
Ion Ratio	Lower Upper
97 100	
83 87.7	72.2 108.2
85 56.9	46.6 70.0
99 58.1	51.4 77.0





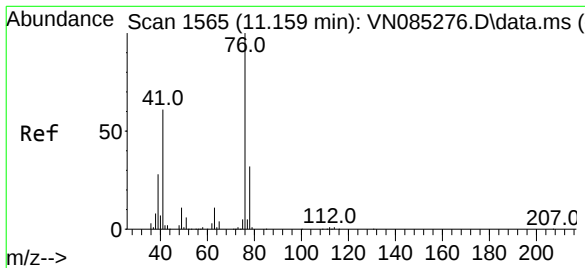
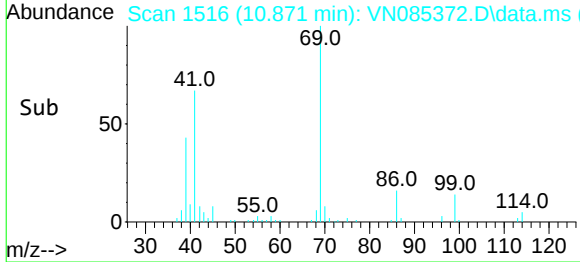
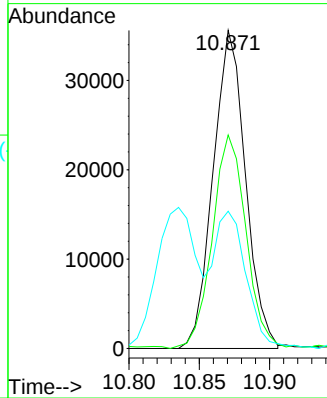
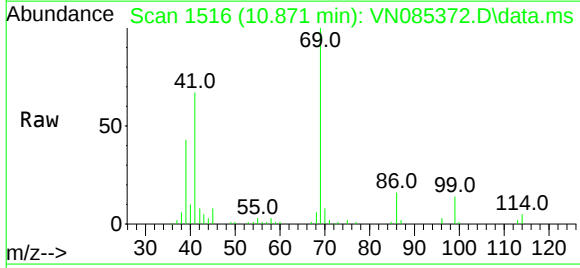
#51
Ethyl methacrylate
Concen: 18.326 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 57103
Ion Ratio Lower Upper
69 100
41 66.3 38.1 114.5
39 41.6 24.1 72.2

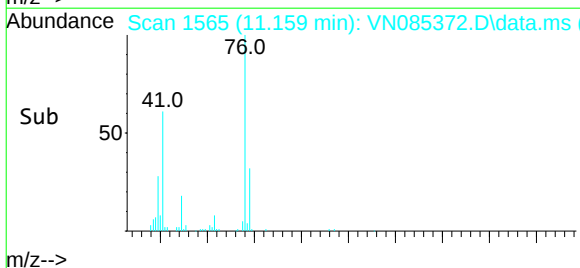
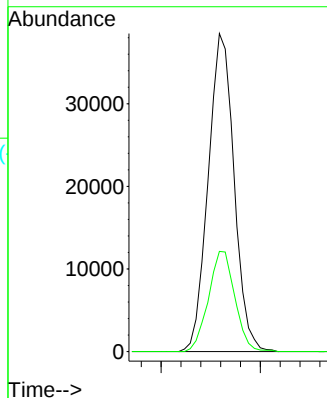
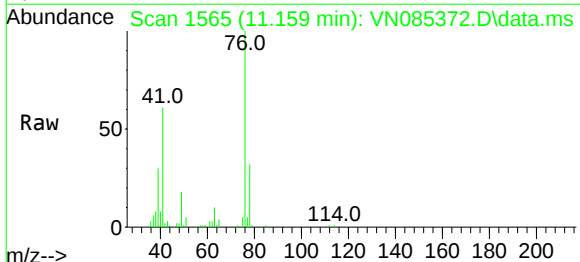
Manual Integrations
APPROVED

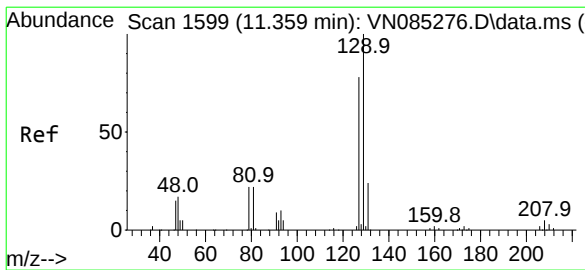
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#52
1,3-Dichloropropane
Concen: 19.424 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion: 76 Resp: 69851
Ion Ratio Lower Upper
76 100
78 32.1 0.0 66.2





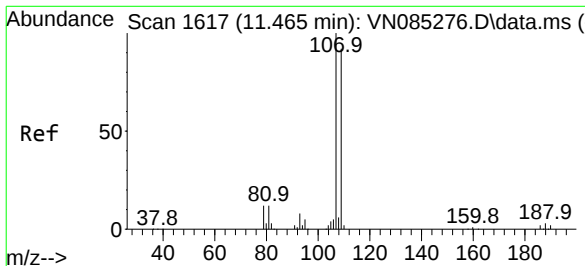
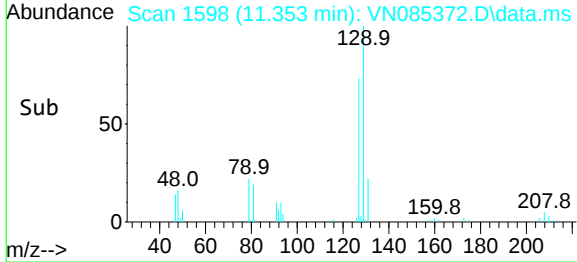
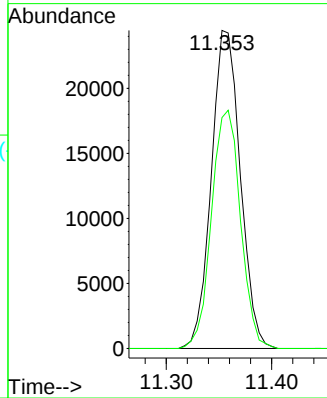
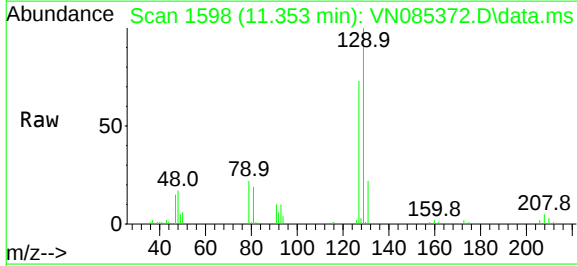
#53
Dibromochloromethane
Concen: 19.378 ug/l
RT: 11.353 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 46777
Ion Ratio Lower Upper
129 100
127 74.8 38.1 114.3

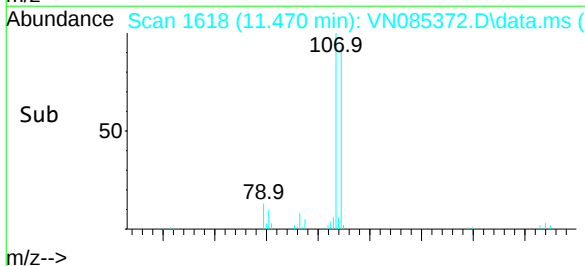
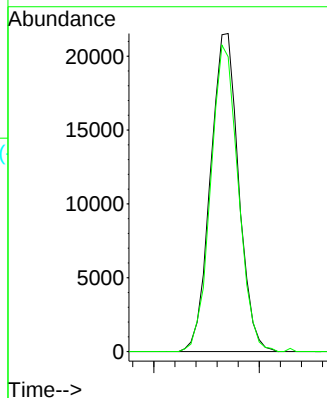
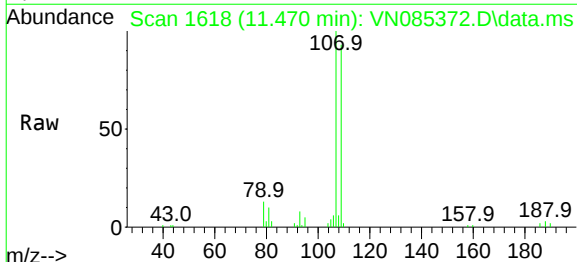
Manual Integrations
APPROVED

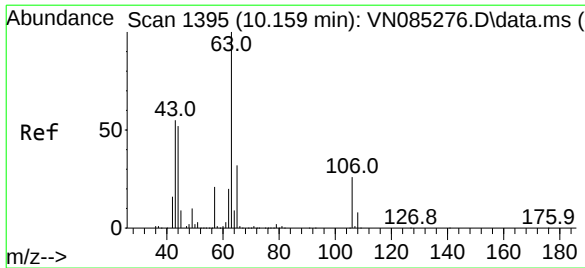
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#54
1,2-Dibromoethane
Concen: 20.042 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

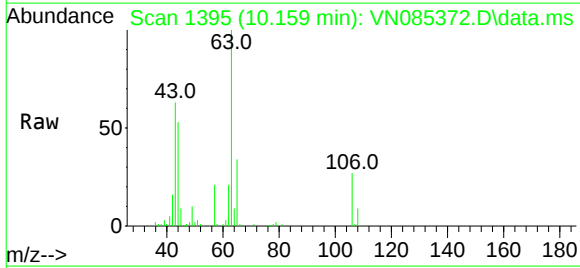
Tgt Ion:107 Resp: 39958
Ion Ratio Lower Upper
107 100
109 94.1 76.2 114.4





#55
2-Chloroethyl vinyl ether
Concen: 80.157 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

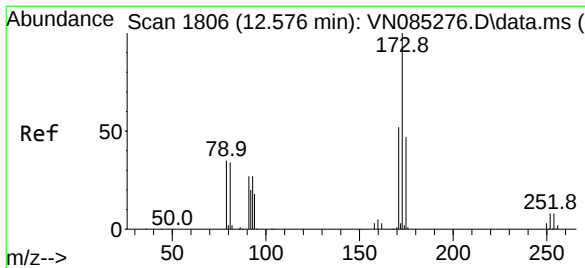
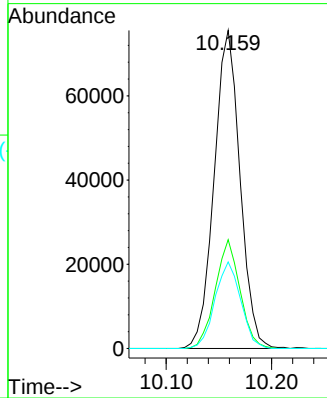
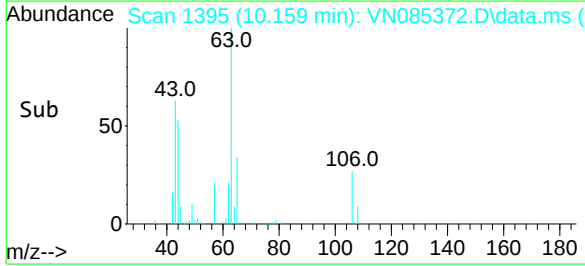
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



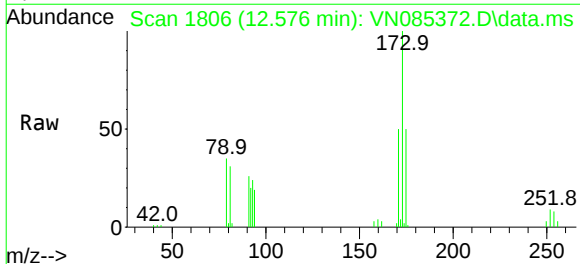
Tgt Ion: 63 Resp: 128653
Ion Ratio Lower Upper
63 100
65 32.6 25.9 38.9
106 27.1 21.2 31.8

Manual Integrations
APPROVED

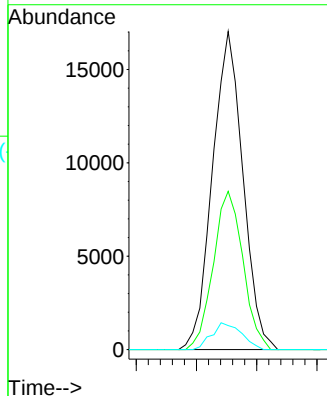
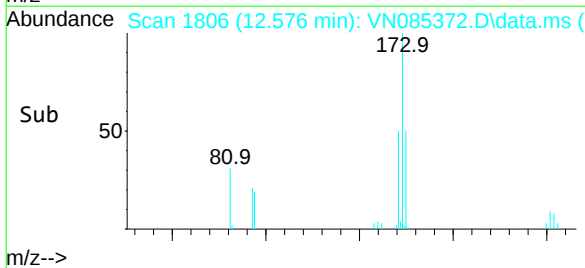
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

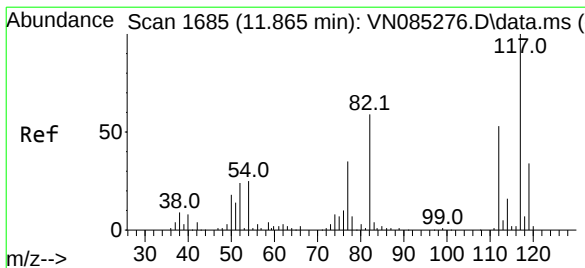


#56
Bromoform
Concen: 18.991 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36



Tgt Ion:173 Resp: 29906
Ion Ratio Lower Upper
173 100
175 48.4 39.4 59.2
254 8.3 7.2 10.8





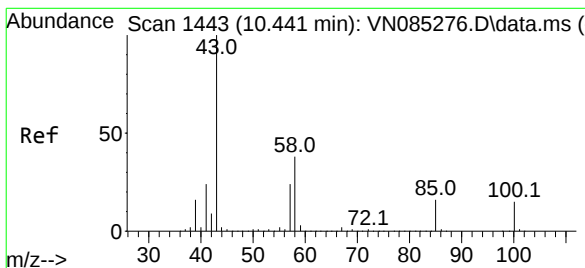
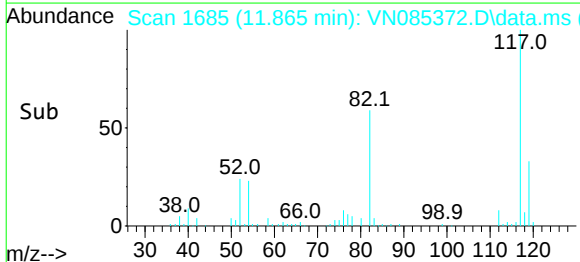
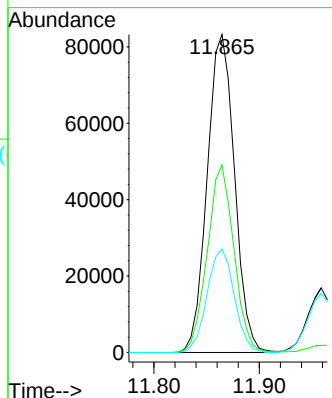
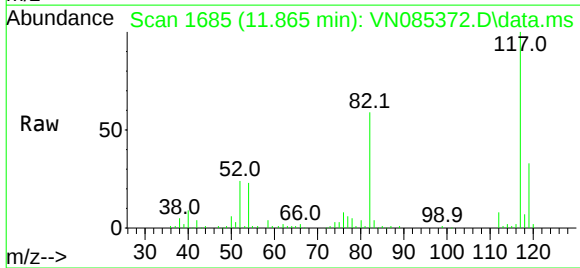
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 117 Resp: 150173
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.0
119 32.3 25.3 37.9

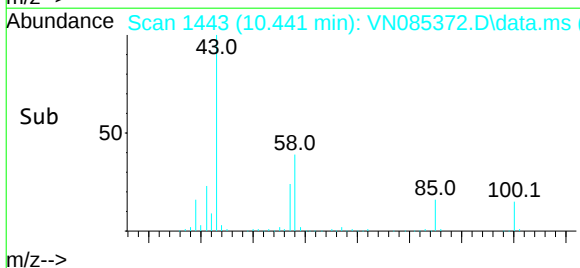
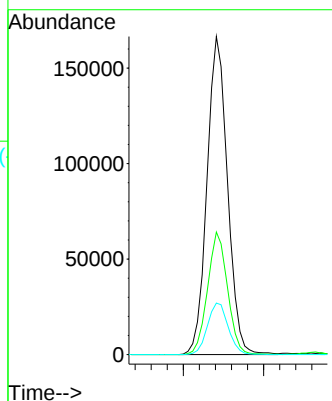
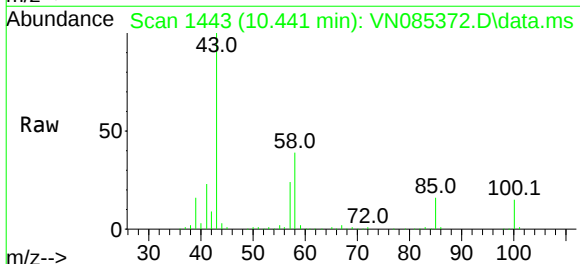
Manual Integrations
APPROVED

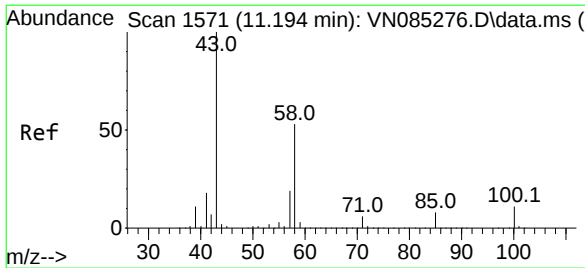
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#58
4-Methyl-2-Pentanone
Concen: 97.127 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion: 43 Resp: 295690
Ion Ratio Lower Upper
43 100
58 37.5 29.2 43.8
85 16.4 12.8 19.2





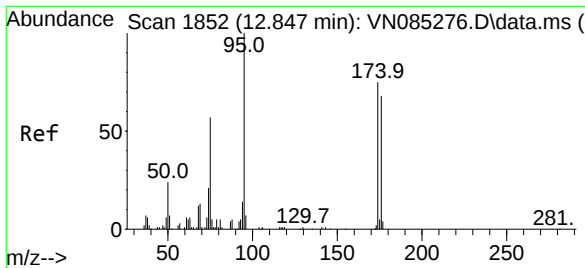
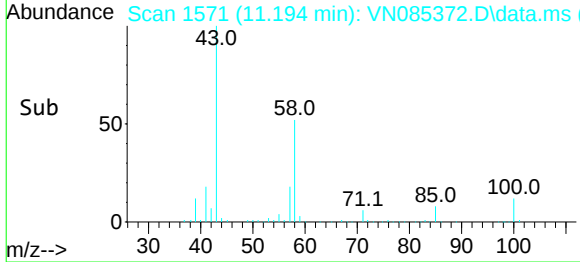
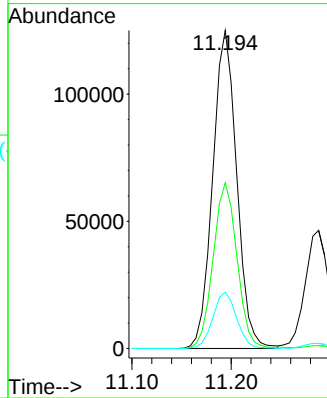
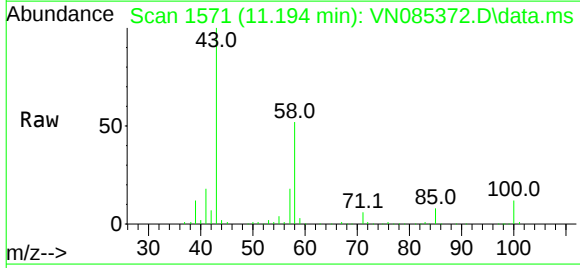
#59
2-Hexanone
Concen: 94.892 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 209864
Ion Ratio Lower Upper
43 100
58 51.7 40.2 60.4
57 17.5 14.2 21.4

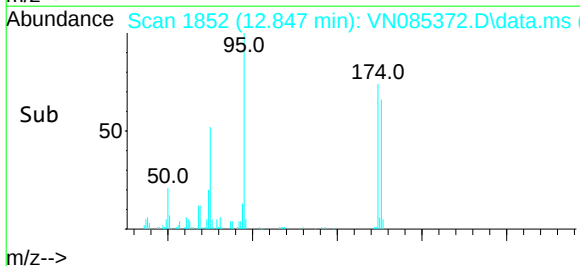
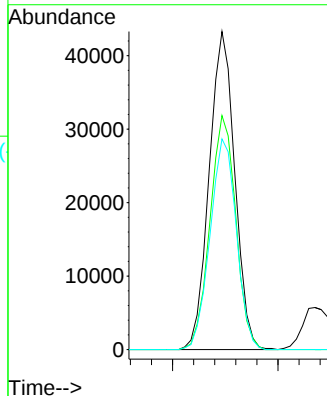
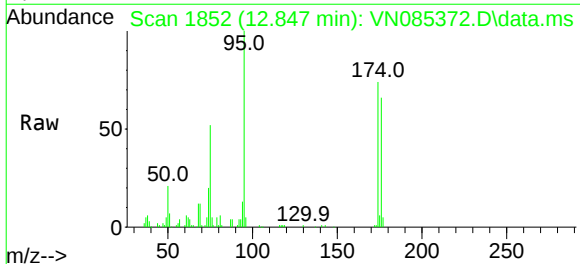
Manual Integrations
APPROVED

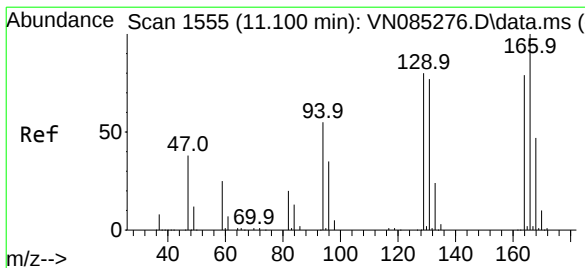
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#60
4-Bromofluorobenzene
Concen: 30.022 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

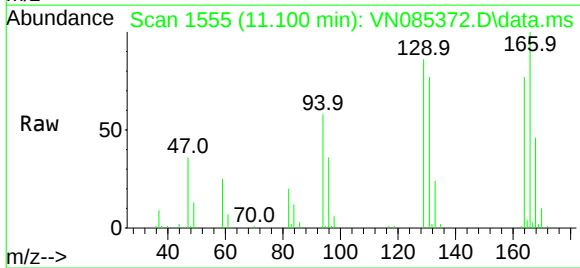
Tgt Ion: 95 Resp: 73031
Ion Ratio Lower Upper
95 100
174 74.0 57.8 86.8
176 68.1 57.1 85.7





#61
Tetrachloroethene
Concen: 21.078 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

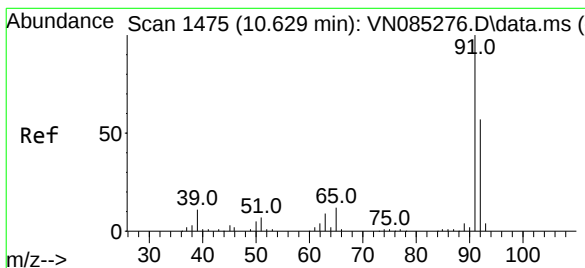
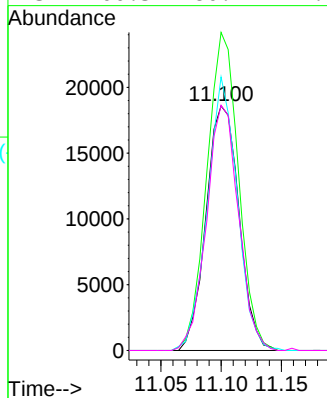
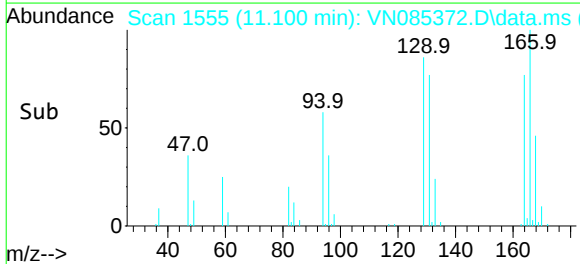
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 164 Resp: 35336
Ion Ratio Lower Upper
164 100
166 130.0 109.0 163.4
129 111.0 85.1 127.7
131 100.3 80.7 121.1

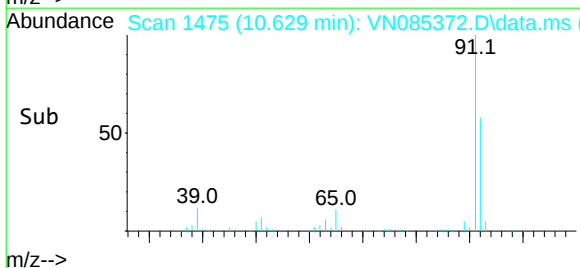
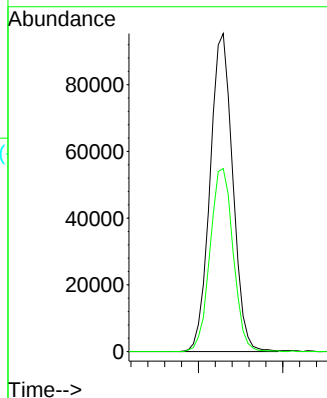
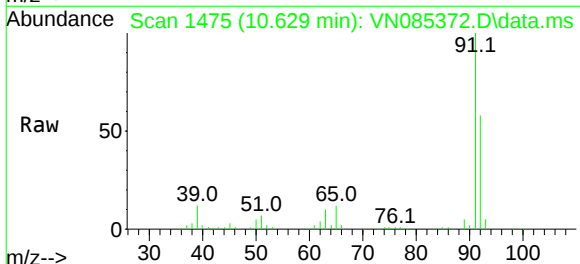
Manual Integrations
APPROVED

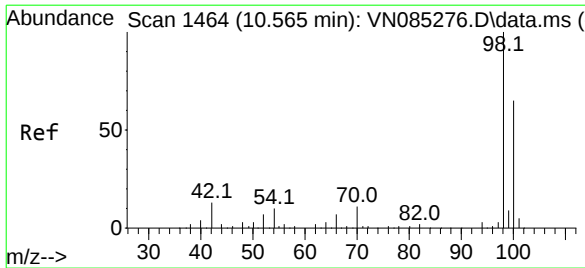
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#62
Toluene
Concen: 19.334 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion: 91 Resp: 178377
Ion Ratio Lower Upper
91 100
92 58.6 45.9 68.9





#63

Toluene-d8

Concen: 30.465 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 98 Resp: 223395

Ion Ratio Lower Upper

98 100

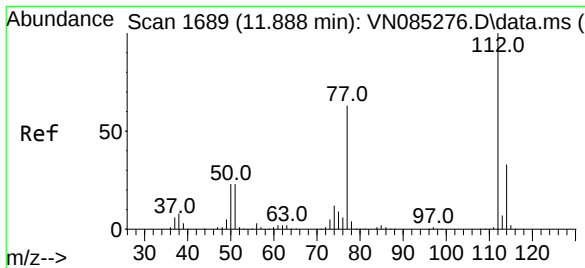
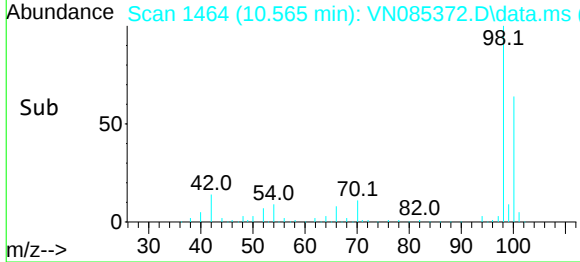
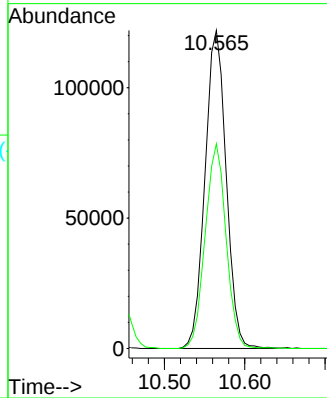
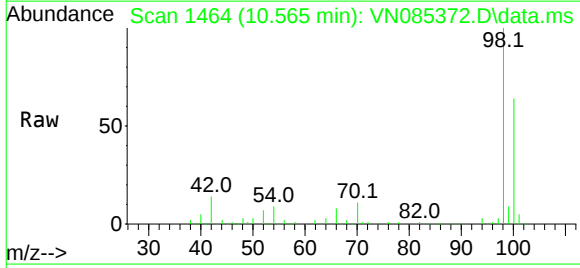
100 63.4 50.8 76.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025

Supervised By :Semsettin Yesilyurt 01/03/2025



#64

Chlorobenzene

Concen: 19.832 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN085372.D

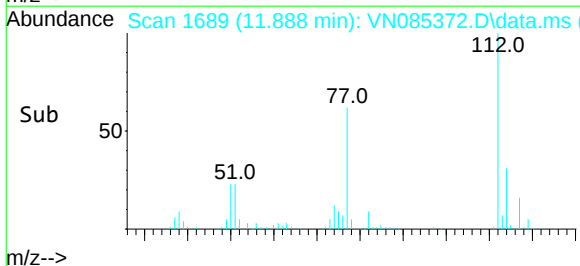
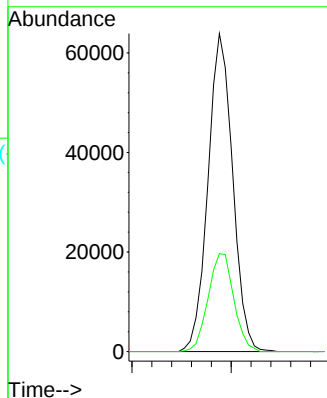
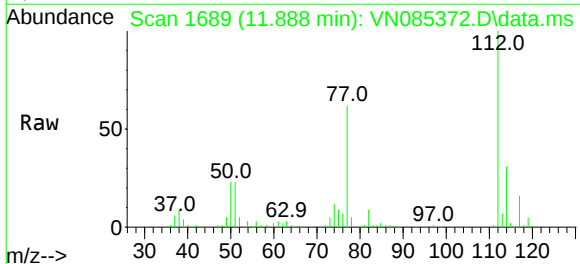
Acq: 02 Jan 2025 10:36

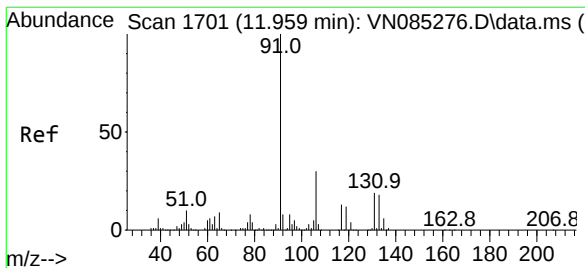
Tgt Ion:112 Resp: 110353

Ion Ratio Lower Upper

112 100

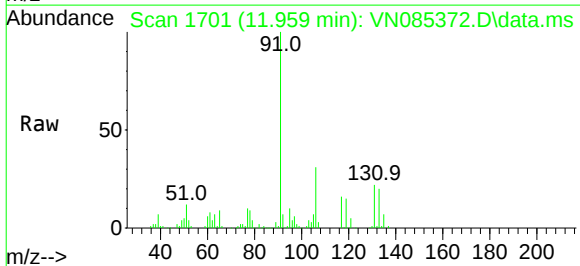
114 30.8 26.4 39.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.742 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

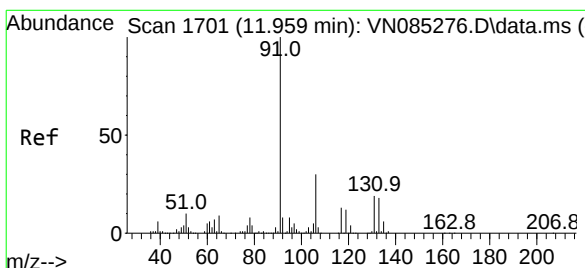
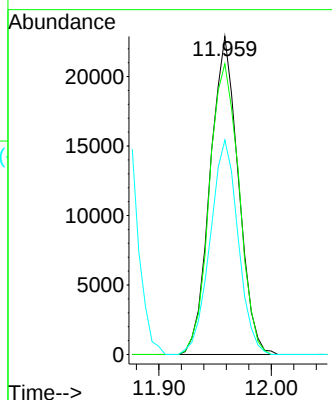
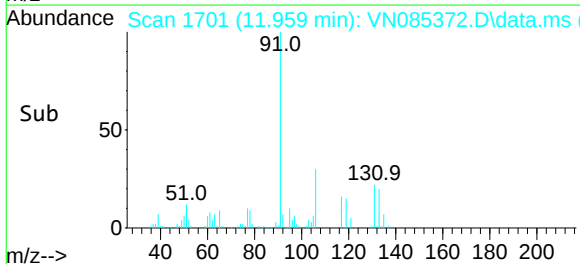
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 131 Resp: 39839
Ion Ratio Lower Upper
131 100
133 96.0 0.0 189.4
119 67.0 0.0 135.0

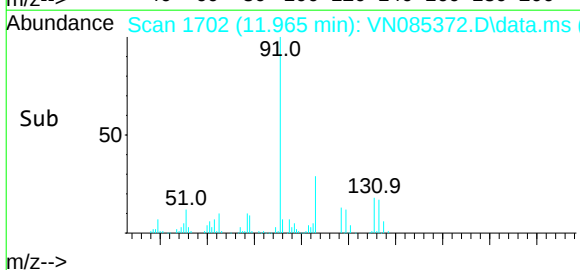
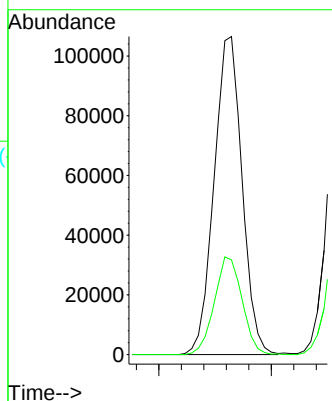
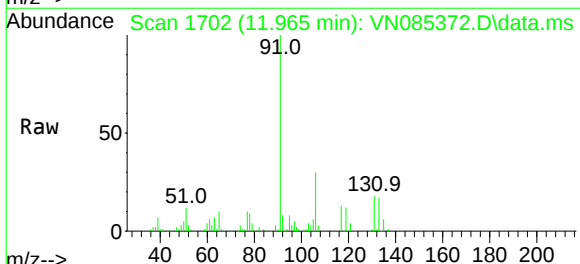
Manual Integrations
APPROVED

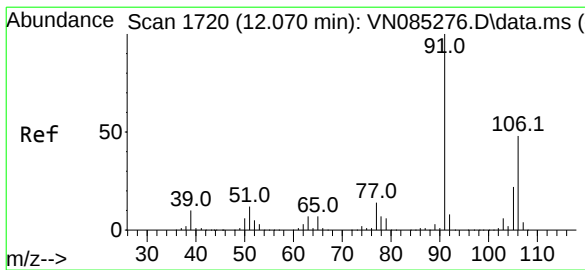
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#66
Ethyl Benzene
Concen: 18.956 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion: 91 Resp: 184020
Ion Ratio Lower Upper
91 100
106 29.8 23.2 34.8





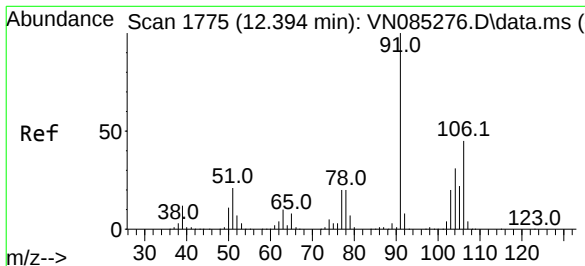
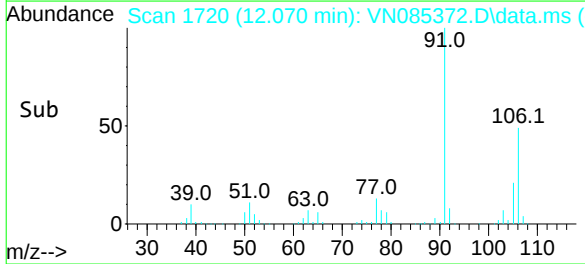
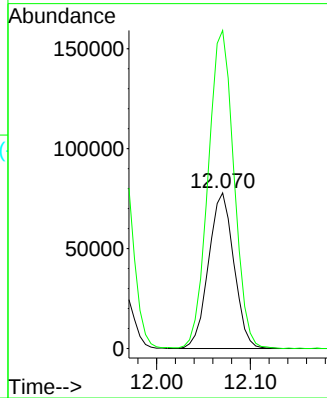
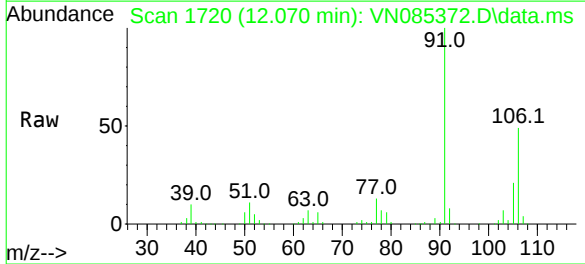
#67
m/p-Xylenes
Concen: 40.167 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 146287
Ion Ratio Lower Upper
106 100
91 208.0 167.0 250.4

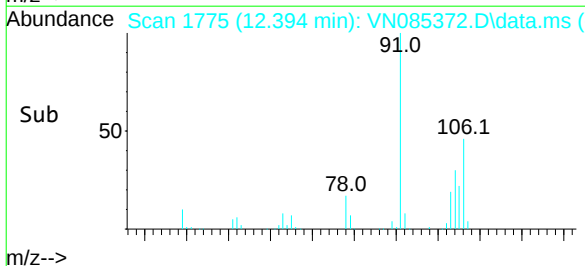
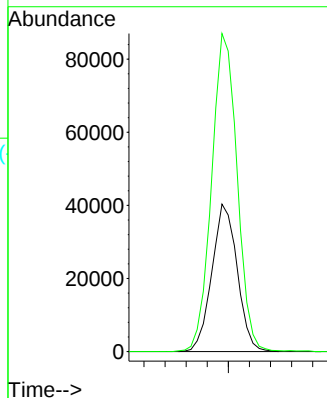
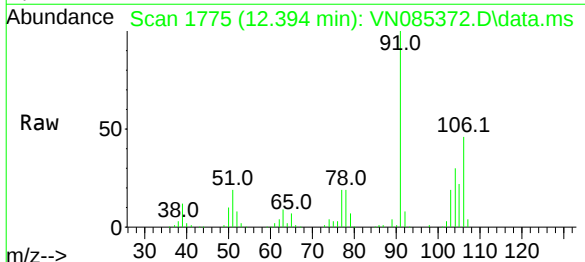
Manual Integrations
APPROVED

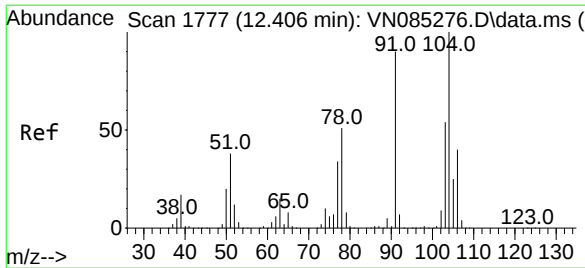
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#68
o-Xylene
Concen: 19.420 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion:106 Resp: 67368
Ion Ratio Lower Upper
106 100
91 217.3 110.6 331.8





#69

Styrene

Concen: 19.398 ug/l

RT: 12.412 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

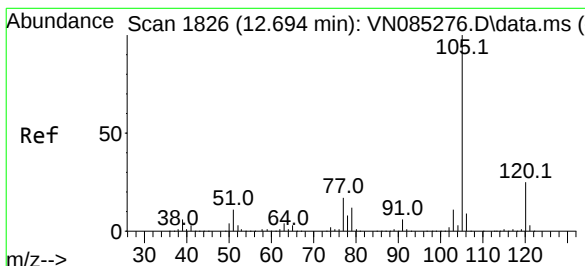
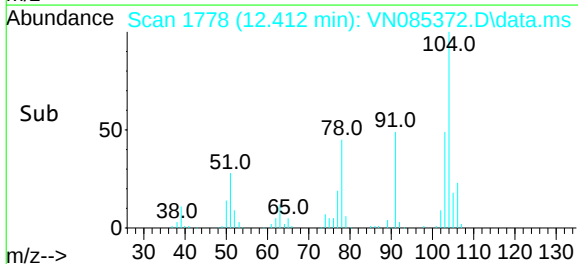
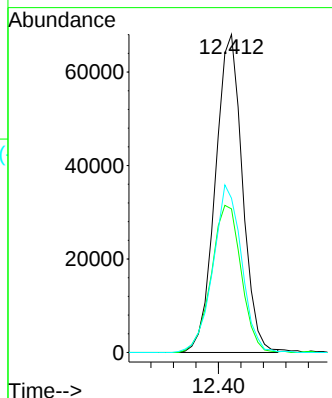
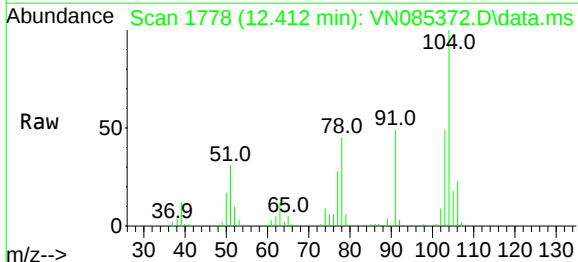
VSTDCCC020

Tgt Ion:	104	Resp:	113725
Ion Ratio	Lower	Upper	
104	100		
78	51.1	41.0	61.4
103	55.4	44.8	67.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#70

Isopropylbenzene

Concen: 19.390 ug/l

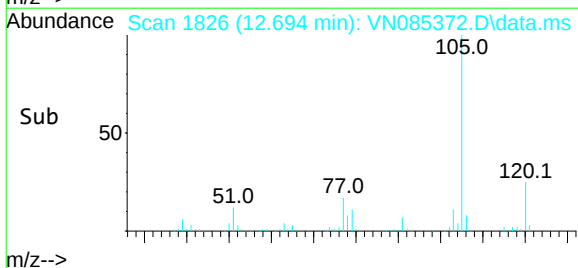
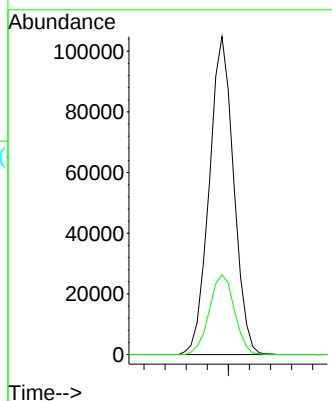
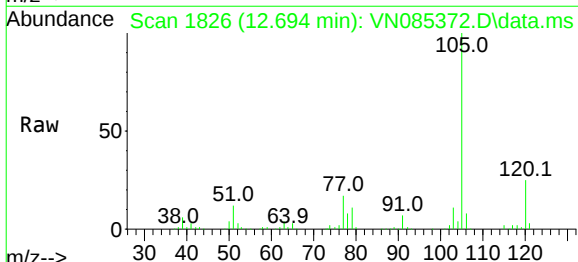
RT: 12.694 min Scan# 1826

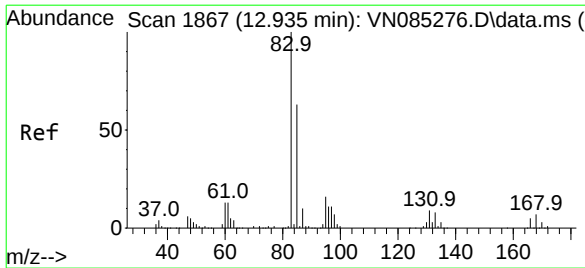
Delta R.T. 0.000 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

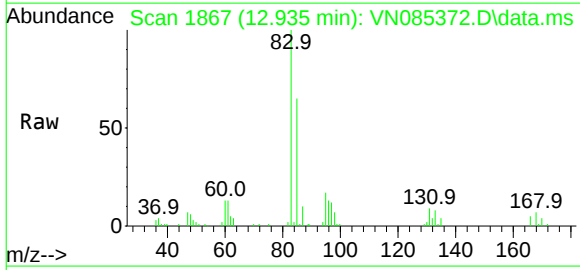
Tgt Ion:	105	Resp:	168906
Ion Ratio	Lower	Upper	
105	100		
120	25.8	18.4	34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 19.173 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

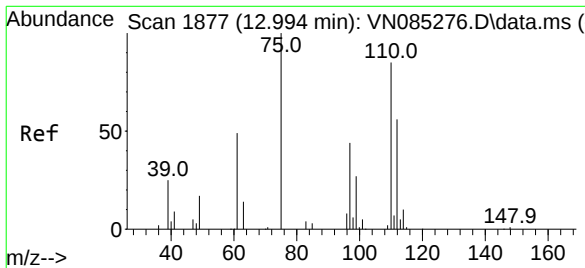
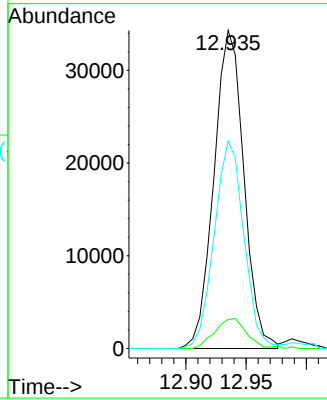
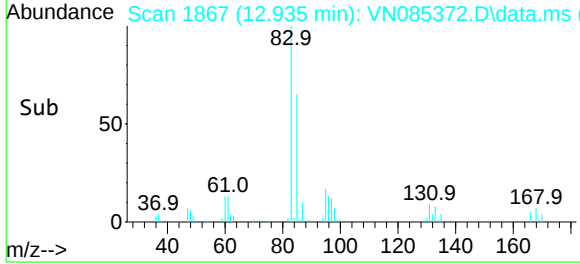
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	15.0
85	64.5	33.0	98.9

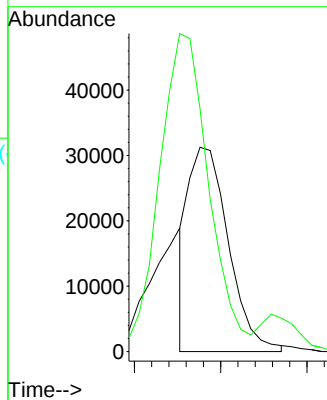
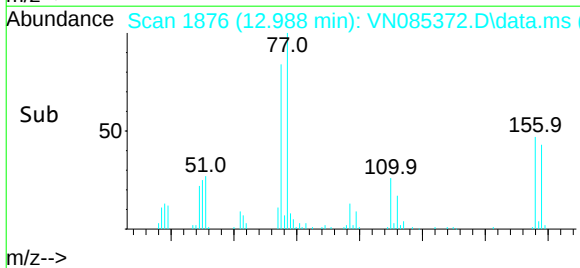
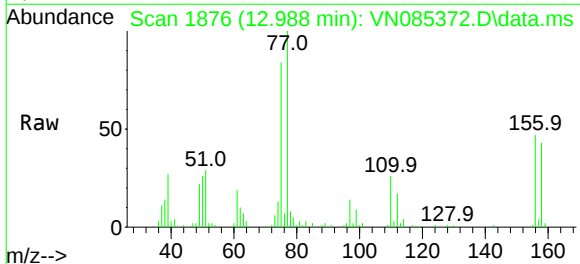
Manual Integrations
APPROVED

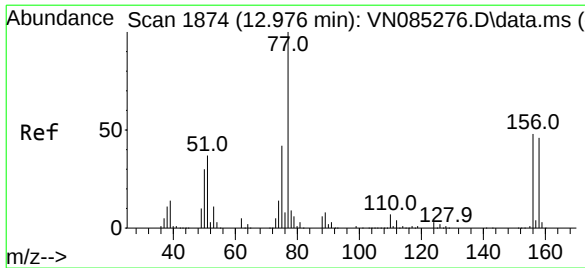
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#72
1,2,3-Trichloropropane
Concen: 19.145 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	191.9	0.0	407.2





#73

Bromobenzene

Concen: 19.542 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

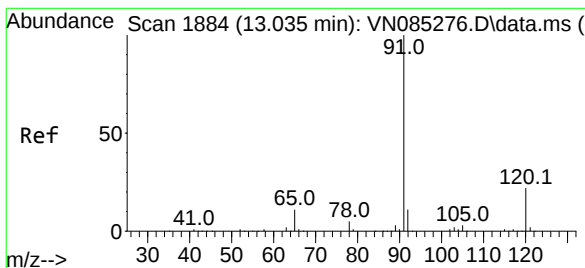
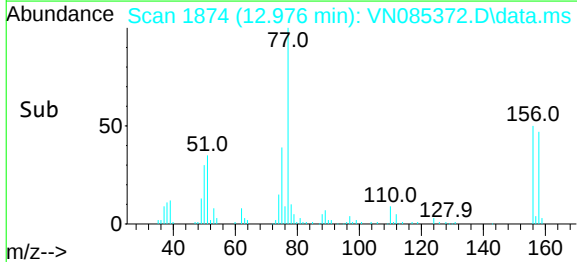
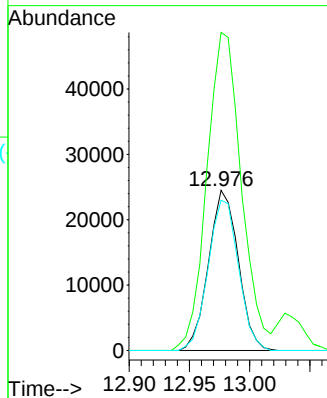
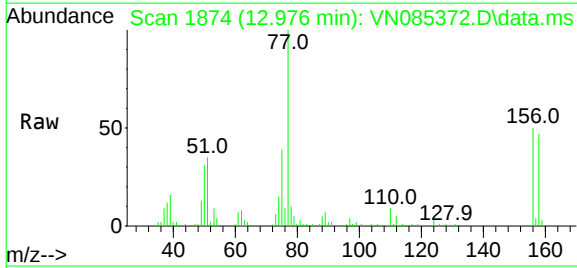
VSTDCCC020

Tgt Ion:	156	Resp:	42053
Ion Ratio	Lower	Upper	
156	100		
77	229.7	0.0	462.6
158	95.9	0.0	186.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#74

n-propylbenzene

Concen: 19.628 ug/l

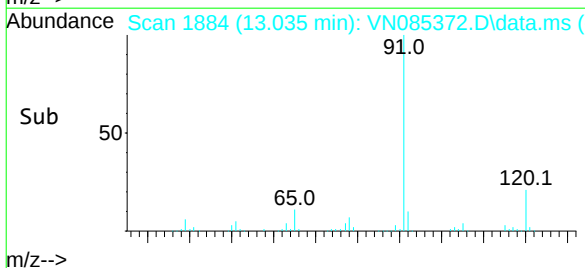
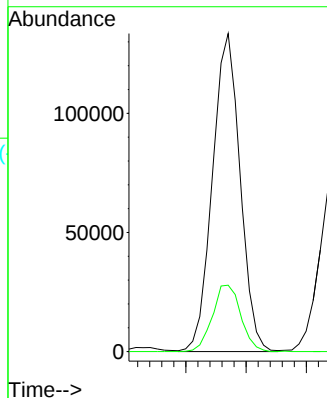
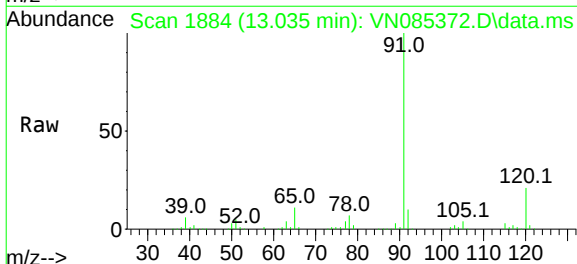
RT: 13.035 min Scan# 1884

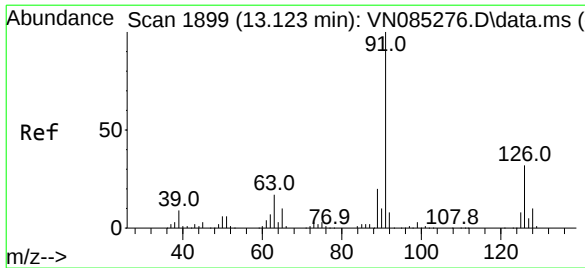
Delta R.T. 0.000 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Tgt Ion:	91	Resp:	213001
Ion Ratio	Lower	Upper	
91	100		
120	21.4	0.0	41.4





#75

2-Chlorotoluene

Concen: 19.698 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 91 Resp: 128777

Ion Ratio Lower Upper

91 100

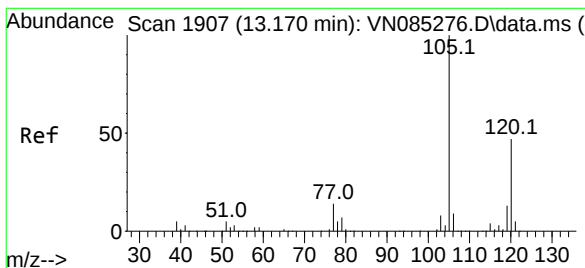
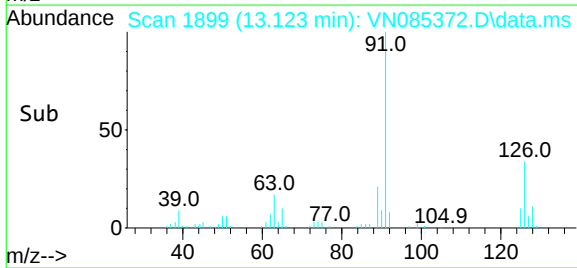
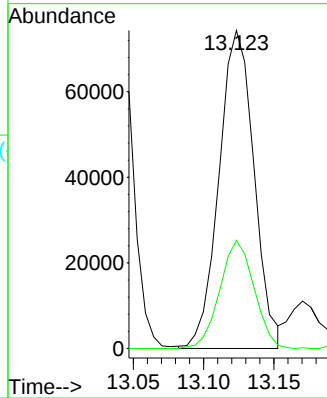
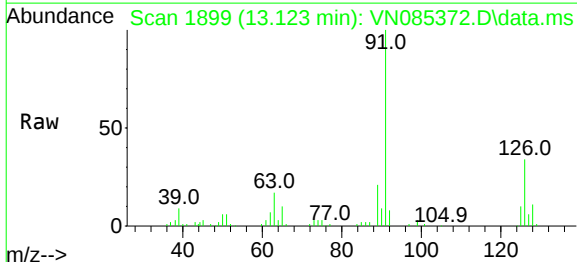
126 33.1 0.0 65.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025

Supervised By :Semsettin Yesilyurt 01/03/2025



#76

1,3,5-Trimethylbenzene

Concen: 19.582 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085372.D

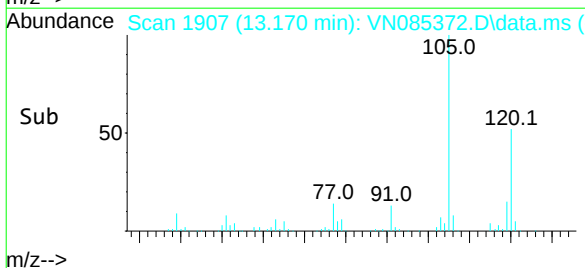
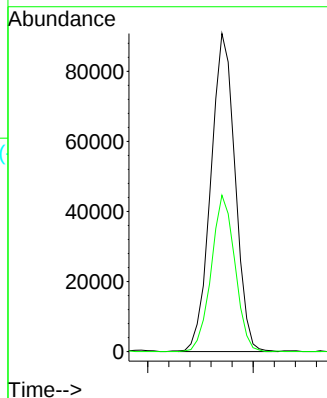
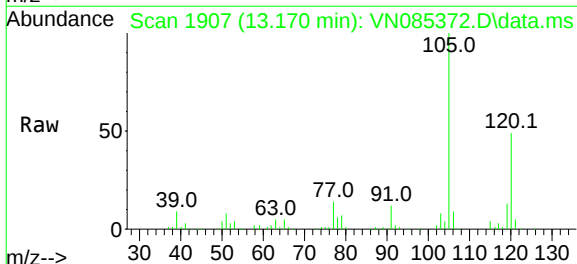
Acq: 02 Jan 2025 10:36

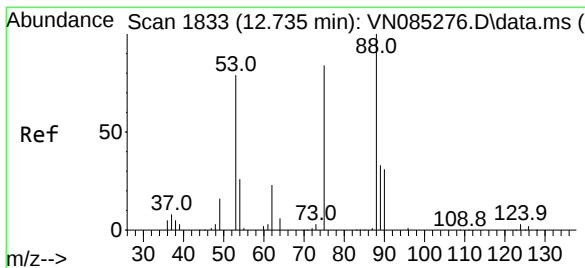
Tgt Ion:105 Resp: 145549

Ion Ratio Lower Upper

105 100

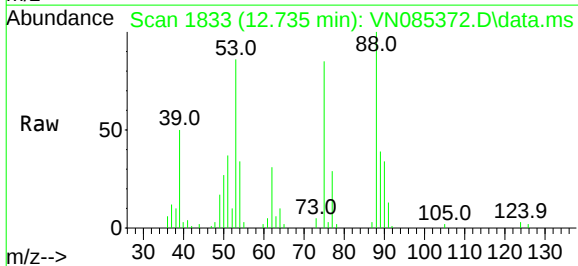
120 47.7 0.0 95.0





#77
t-1,4-Dichloro-2-butene
Concen: 18.496 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

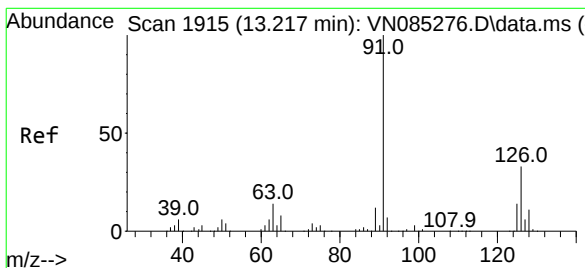
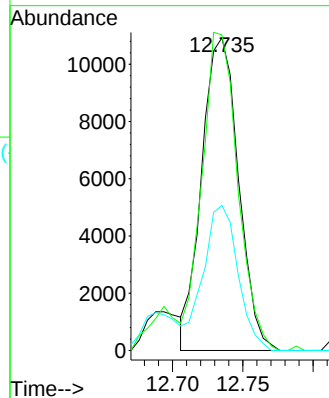
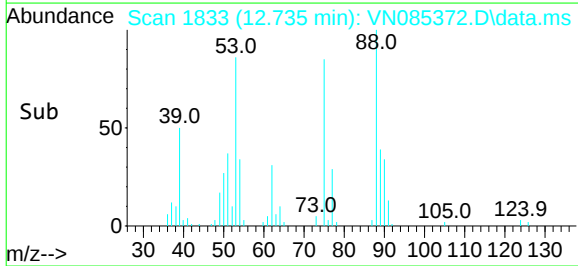
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 19876
Ion Ratio Lower Upper
75 100
53 101.0 54.9 164.5
89 46.4 22.8 68.3

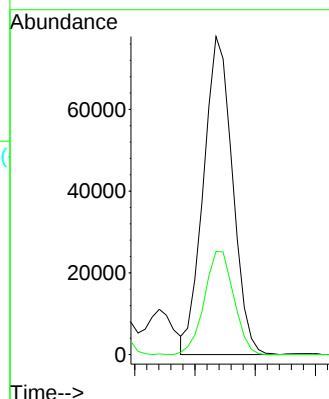
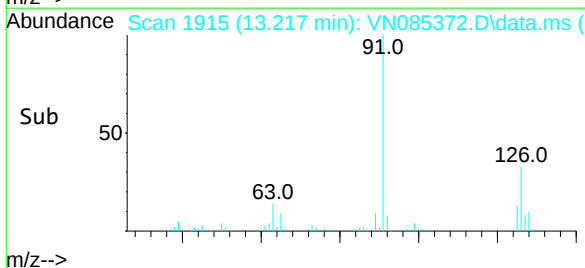
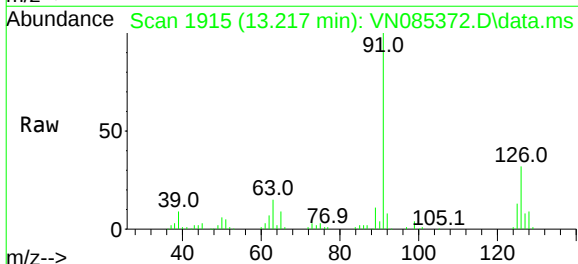
Manual Integrations
APPROVED

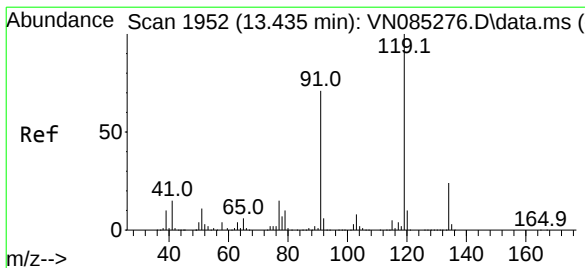
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#78
4-Chlorotoluene
Concen: 19.622 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion: 91 Resp: 130424
Ion Ratio Lower Upper
91 100
126 32.9 0.0 63.6





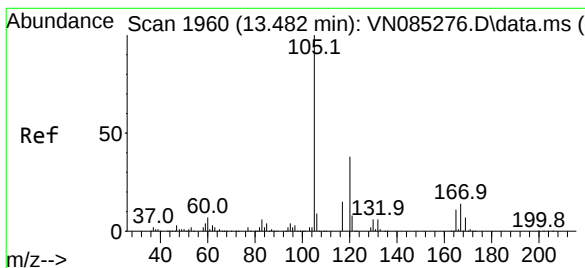
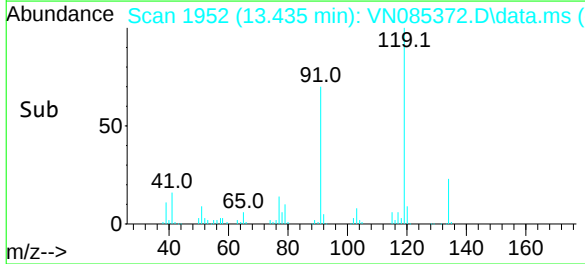
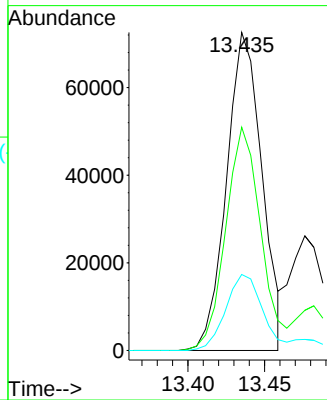
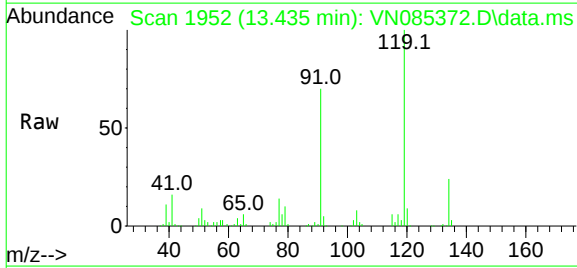
#79
tert-butylbenzene
Concen: 19.177 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 116565
Ion Ratio Lower Upper
119 100
91 69.9 0.0 142.0
134 24.8 0.0 49.0

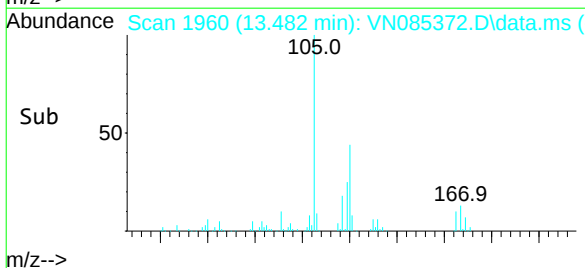
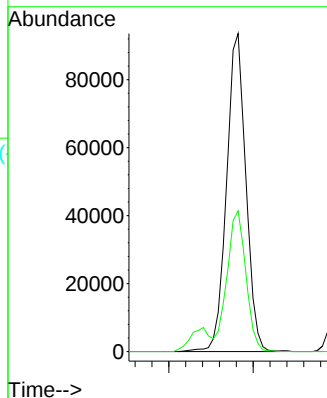
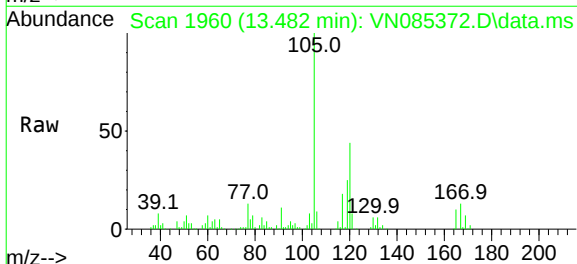
Manual Integrations
APPROVED

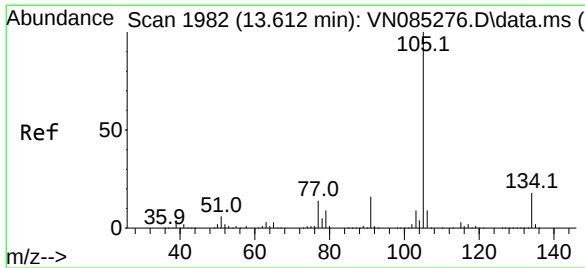
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.071 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion:105 Resp: 148491
Ion Ratio Lower Upper
105 100
120 43.4 0.0 89.8





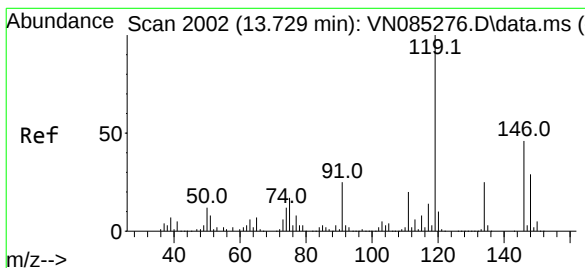
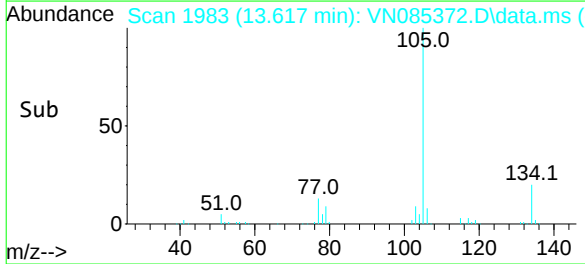
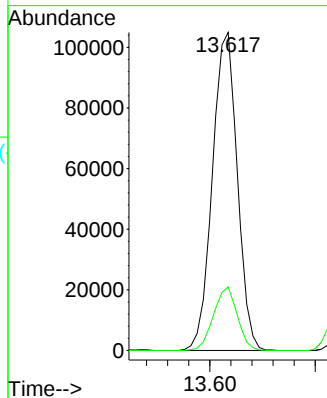
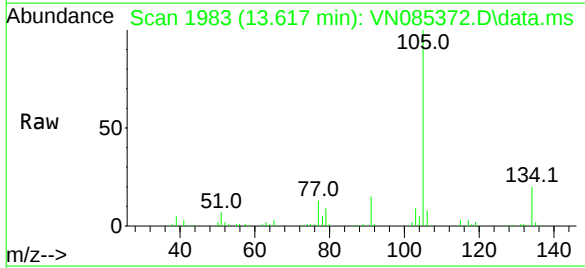
#81
sec-Butylbenzene
Concen: 19.611 ug/l
RT: 13.617 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:105 Resp: 172100
Ion Ratio Lower Upper
105 100
134 19.0 0.0 39.8

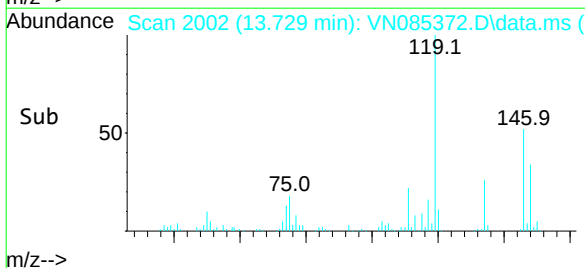
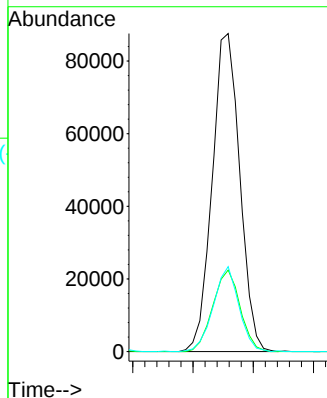
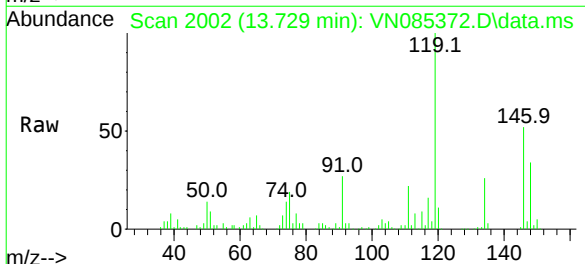
Manual Integrations
APPROVED

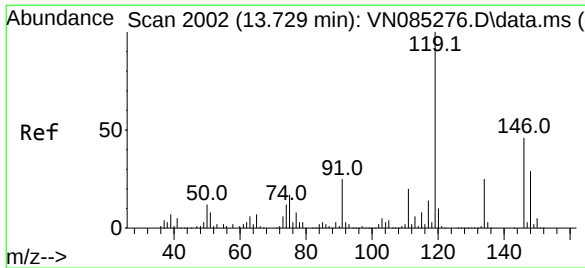
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#82
p-Isopropyltoluene
Concen: 19.265 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

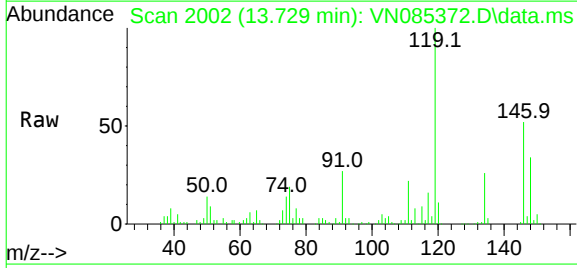
Tgt Ion:119 Resp: 139232
Ion Ratio Lower Upper
119 100
134 25.4 0.0 51.4
91 24.8 0.0 51.4





#83
1,3-Dichlorobenzene
Concen: 19.328 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

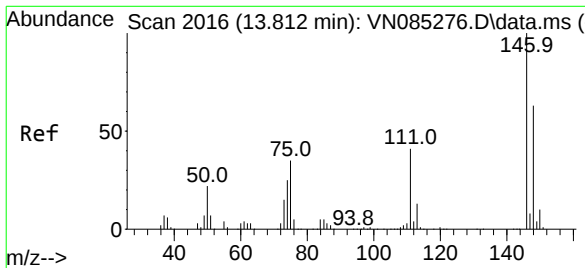
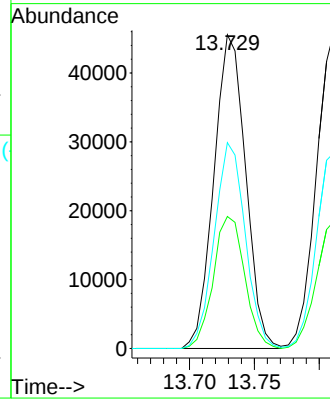
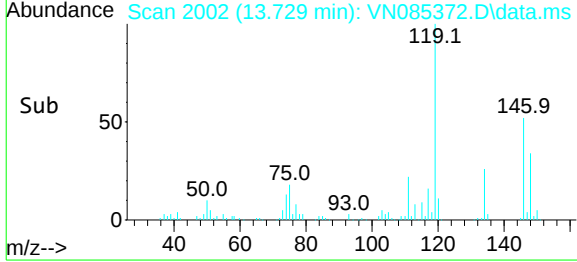
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



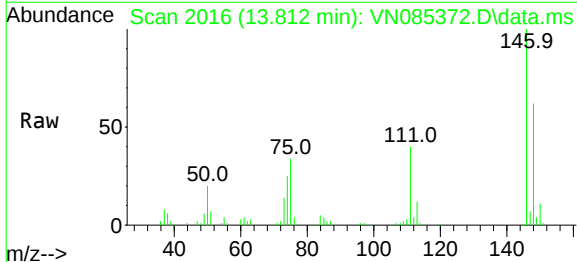
Tgt Ion:146 Resp: 77570
Ion Ratio Lower Upper
146 100
111 41.6 20.4 61.3
148 64.1 31.1 93.5

Manual Integrations
APPROVED

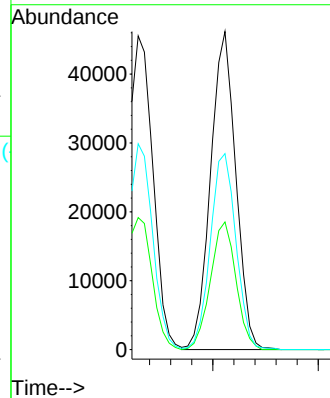
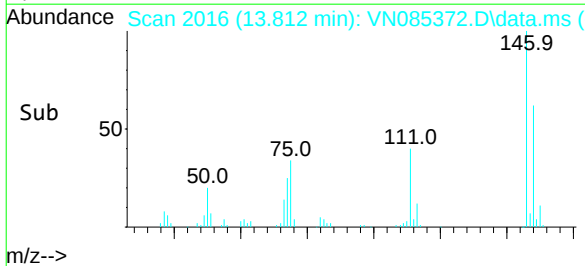
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

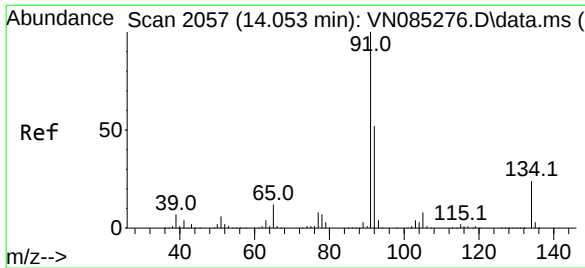


#84
1,4-Dichlorobenzene
Concen: 19.809 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36



Tgt Ion:146 Resp: 76914
Ion Ratio Lower Upper
146 100
111 40.6 20.7 62.1
148 62.7 33.2 99.6





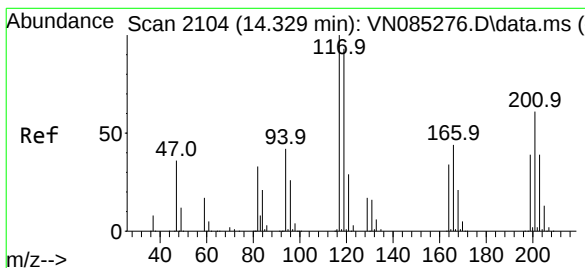
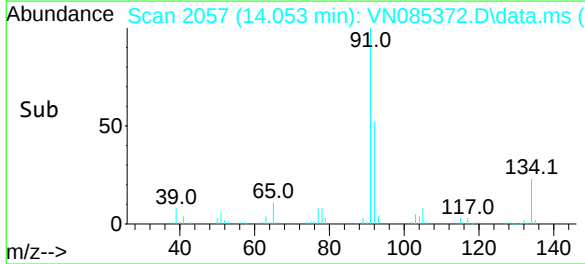
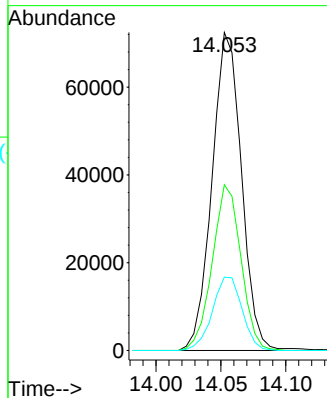
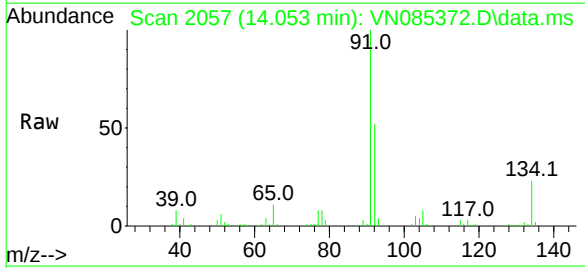
#85
n-Butylbenzene
Concen: 18.275 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 114032
Ion Ratio Lower Upper
91 100
92 50.9 0.0 102.0
134 23.4 0.0 46.4

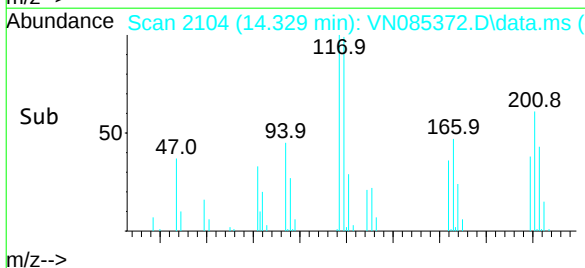
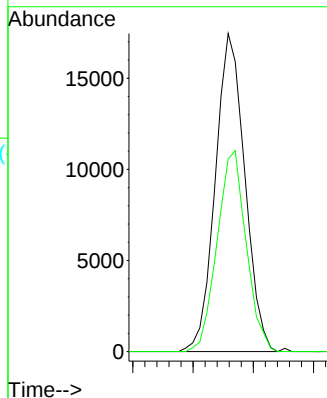
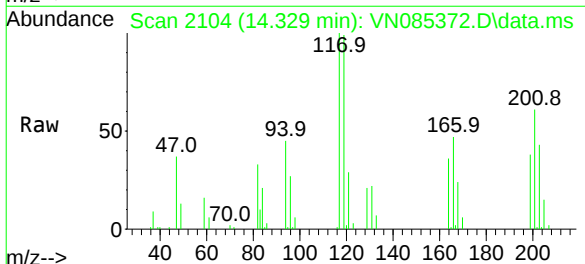
Manual Integrations
APPROVED

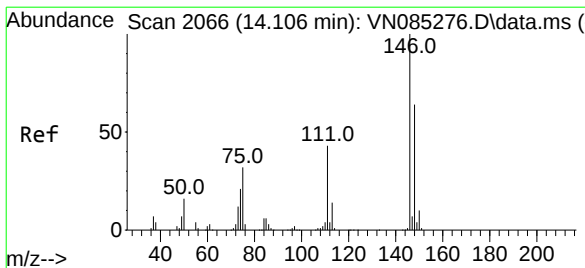
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#86
Hexachloroethane
Concen: 19.140 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion:117 Resp: 29698
Ion Ratio Lower Upper
117 100
201 62.2 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 19.651 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

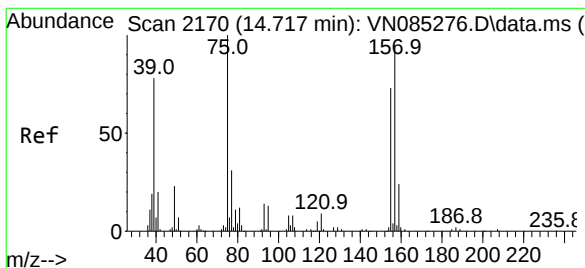
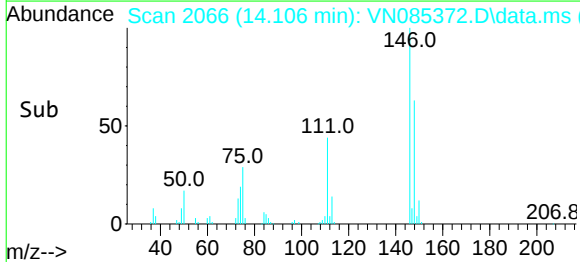
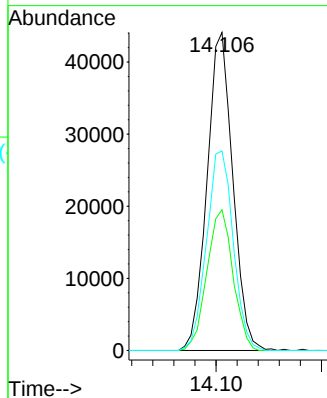
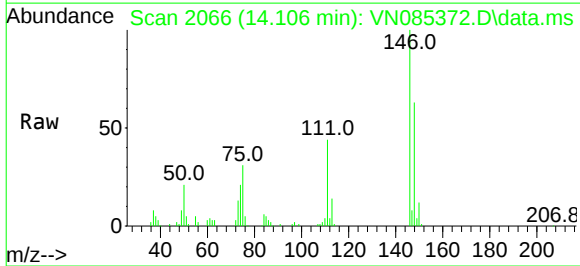
VSTDCCC020

Tgt Ion:	146	Resp:	74925
Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.1	66.3
148	65.1	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.399 ug/l

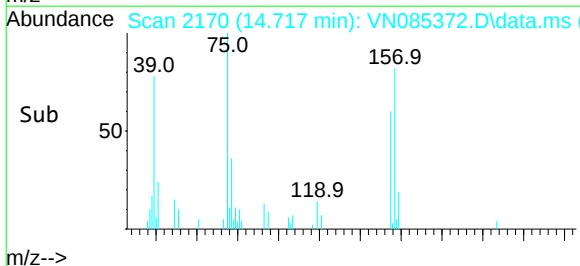
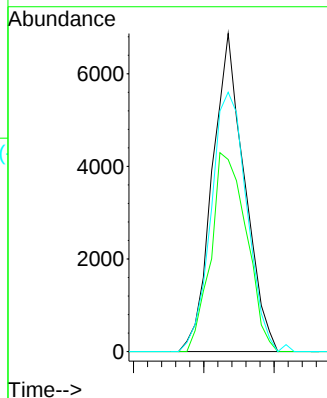
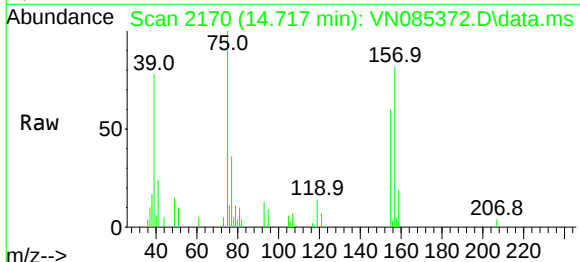
RT: 14.717 min Scan# 2170

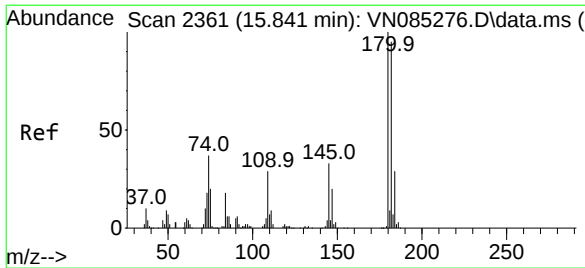
Delta R.T. 0.000 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Tgt Ion:	75	Resp:	10941
Ion	Ratio	Lower	Upper
75	100		
155	68.8	53.4	80.0
157	90.2	74.2	111.4





#89

1,2,4-Trichlorobenzene

Concen: 19.076 ug/l

RT: 15.835 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

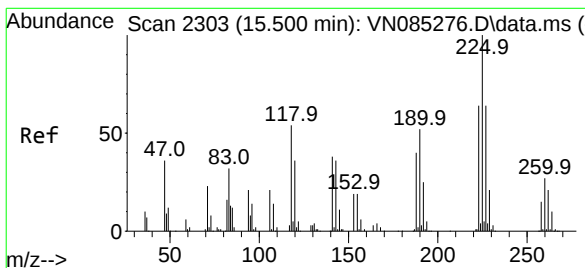
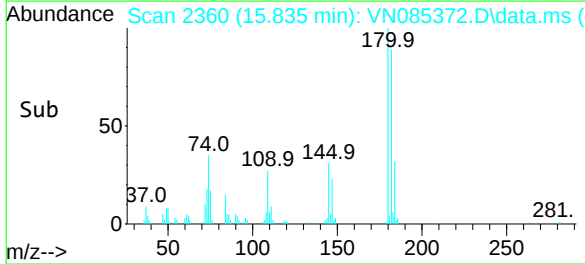
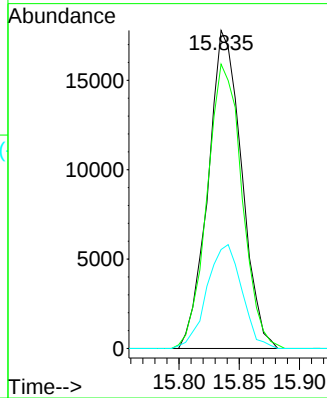
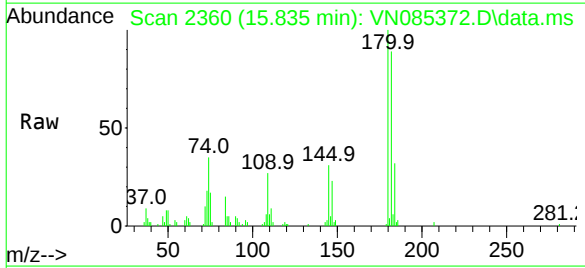
VSTDCCC020

Tgt Ion:	180	Resp:	34458
Ion Ratio	Lower	Upper	
180	100		
182	92.7	76.5	114.7
145	34.0	27.4	41.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#90

Hexachlorobutadiene

Concen: 19.289 ug/l

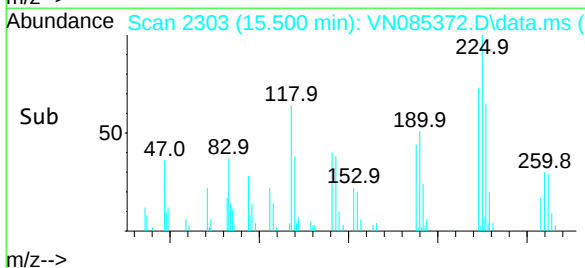
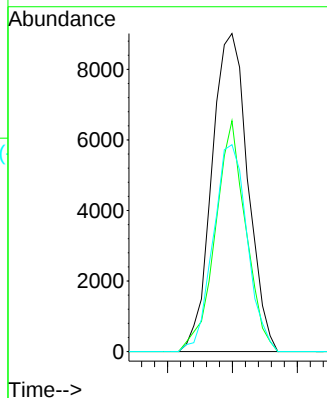
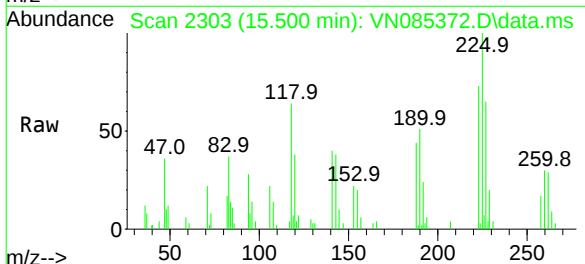
RT: 15.500 min Scan# 2303

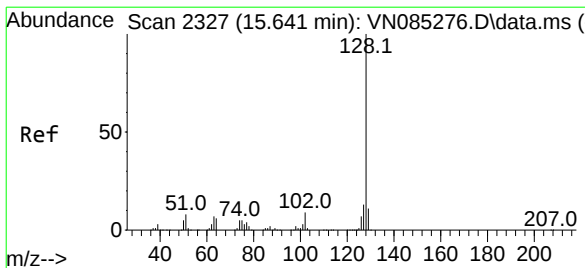
Delta R.T. 0.000 min

Lab File: VN085372.D

Acq: 02 Jan 2025 10:36

Tgt Ion:	225	Resp:	17368
Ion Ratio	Lower	Upper	
225	100		
223	61.5	0.0	116.2
227	61.5	0.0	116.4





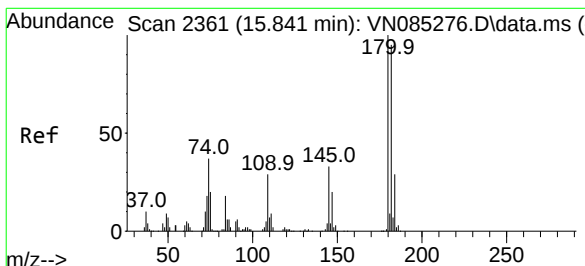
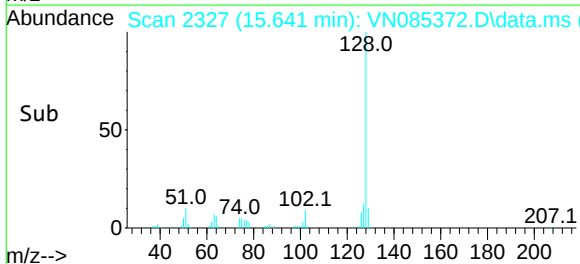
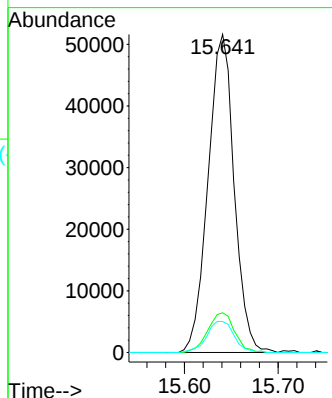
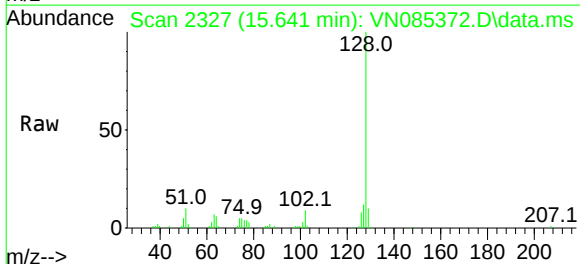
#91
Naphthalene
Concen: 17.199 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.3	8.6	13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.076 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085372.D
Acq: 02 Jan 2025 10:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	0.0	191.2
145	34.0	0.0	68.6

