

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010225\
 Data File : VN085378.D
 Acq On : 02 Jan 2025 15:33
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 03 00:44:16 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)

Internal Standards						
1) Bromochloromethane	7.812	128	30351	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	163481	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	154047	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80553	30.170	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.567%			
60) 4-Bromofluorobenzene	12.847	95	74084	29.689	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.967%			
63) Toluene-d8	10.565	98	220482	29.311	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47386	18.672	ug/l	98
3) Chloromethane	2.359	50	48208	18.815	ug/l	96
4) Vinyl Chloride	2.512	62	48410	18.607	ug/l	97
5) Bromomethane	2.959	94	26141	17.188	ug/l	98
6) Chloroethane	3.118	64	31378	19.105	ug/l	100
7) Trichlorofluoromethane	3.500	101	66262	18.539	ug/l	98
8) Diethyl Ether	3.965	74	23158	18.813	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	38834	18.921	ug/l	68
10) 1,1-Dichloroethene	4.336	96	34854	18.589	ug/l	86
11) Methyl Iodide	4.589	142	42397	18.867	ug/l	97
12) Methyl Acetate	5.024	43	55056	19.662	ug/l	92
13) Acrolein	4.183	56	22779	91.127	ug/l	99
14) Acrylonitrile	5.718	53	96233	88.859	ug/l #	64
15) Acetone	4.430	58	24289	88.908	ug/l	87
16) Carbon Disulfide	4.712	76	103244	18.114	ug/l	99
17) Allyl chloride	5.018	41	53977	17.796	ug/l	95
18) Methylene Chloride	5.271	84	41849	18.730	ug/l	100
19) trans-1,2-Dichloroethene	5.789	96	38327	19.653	ug/l	84
20) Diisopropyl ether	6.665	45	131683	18.943	ug/l	95
21) 1,1-Dichloroethane	6.565	63	76244	18.762	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	43478	18.722	ug/l	96
23) tert-Butyl Alcohol	5.512	59	28620	80.187	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	115115	18.705	ug/l	97
25) Chloroform	7.959	83	78371	19.025	ug/l	95
26) Cyclohexane	8.253	56	57144	18.443	ug/l #	98
29) 1,1-Dichloropropene	8.365	75	50863	17.920	ug/l	98
30) 2-Butanone	7.477	43	126764	84.608	ug/l	98
31) 2,2-Dichloropropane	7.483	77	63465	17.646	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	66932	18.139	ug/l	98
33) Carbon Tetrachloride	8.359	117	59438m	18.402	ug/l	
34) Benzene	8.600	78	166479	18.555	ug/l	95
35) Methacrylonitrile	7.777	41	27967	16.862	ug/l	95
36) 1,2-Dichloroethane	8.665	62	60592	18.676	ug/l	99
37) Trichloroethene	9.347	130	35666	18.068	ug/l	96
38) Methylcyclohexane	9.594	83	50652	17.245	ug/l	97
39) 1,2-Dichloropropane	9.618	63	41339	18.110	ug/l	96
40) Dibromomethane	9.706	93	29325	18.426	ug/l	98
41) Bromodichloromethane	9.882	83	61257	18.418	ug/l #	98
42) Vinyl Acetate	6.600	43	462230	87.400	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	56010	18.077	ug/l	98
44) Isopropyl Acetate	8.688	43	89887	17.463	ug/l	98
45) 1,4-Dioxane	9.688	88	12223	305.314	ug/l #	95
46) Methyl methacrylate	9.677	41	41690	17.450	ug/l	96
47) n-amyl Acetate	12.494	43	77460	17.666	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	58205	17.717	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	63399	17.950	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	37124	17.836	ug/l	96
51) Ethyl methacrylate	10.871	69	54405	17.282	ug/l	94
52) 1,3-Dichloropropane	11.159	76	65428	18.008	ug/l	100
53) Dibromochloromethane	11.359	129	43769	17.946	ug/l	100
54) 1,2-Dibromoethane	11.465	107	36601	18.171	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	129981	80.156	ug/l	100
56) Bromoform	12.576	173	27560	17.322	ug/l #	96
58) 4-Methyl-2-Pentanone	10.441	43	276222	88.450	ug/l	99
59) 2-Hexanone	11.194	43	197036	86.851	ug/l	98
61) Tetrachloroethene	11.100	164	32430	18.858	ug/l	95
62) Toluene	10.629	91	173103	18.291	ug/l	100
64) Chlorobenzene	11.888	112	108132	18.944	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	37389	18.062	ug/l	99
66) Ethyl Benzene	11.959	91	179985	18.074	ug/l	98
67) m/p-Xylenes	12.070	106	138178	36.986	ug/l	99
68) o-Xylene	12.400	106	64755	18.197	ug/l	99
69) Styrene	12.412	104	110016	18.293	ug/l	99
70) Isopropylbenzene	12.694	105	167349	18.729	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	55846	17.622	ug/l	97
72) 1,2,3-Trichloropropane	12.988	75	50269m	18.637	ug/l	
73) Bromobenzene	12.976	156	40706	18.440	ug/l	97
74) n-propylbenzene	13.035	91	207791	18.666	ug/l	100
75) 2-Chlorotoluene	13.123	91	123605	18.432	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	140178	18.385	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	13859	12.572	ug/l	98
78) 4-Chlorotoluene	13.217	91	125174	18.358	ug/l	99
79) tert-butylbenzene	13.435	119	111344	17.857	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	140041	18.453	ug/l	99
81) sec-Butylbenzene	13.612	105	164717	18.298	ug/l	99
82) p-Isopropyltoluene	13.729	119	134563	18.150	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	73566	17.869	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	73922	18.560	ug/l	98
85) n-Butylbenzene	14.053	91	116605	18.218	ug/l	100
86) Hexachloroethane	14.329	117	26479	16.637	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	71021	18.158	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9656	16.690	ug/l	94
89) 1,2,4-Trichlorobenzene	15.835	180	35028	18.904	ug/l	99
90) Hexachlorobutadiene	15.500	225	16212	17.552	ug/l	92
91) Naphthalene	15.641	128	104833	17.608	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	35028	18.904	ug/l	99

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

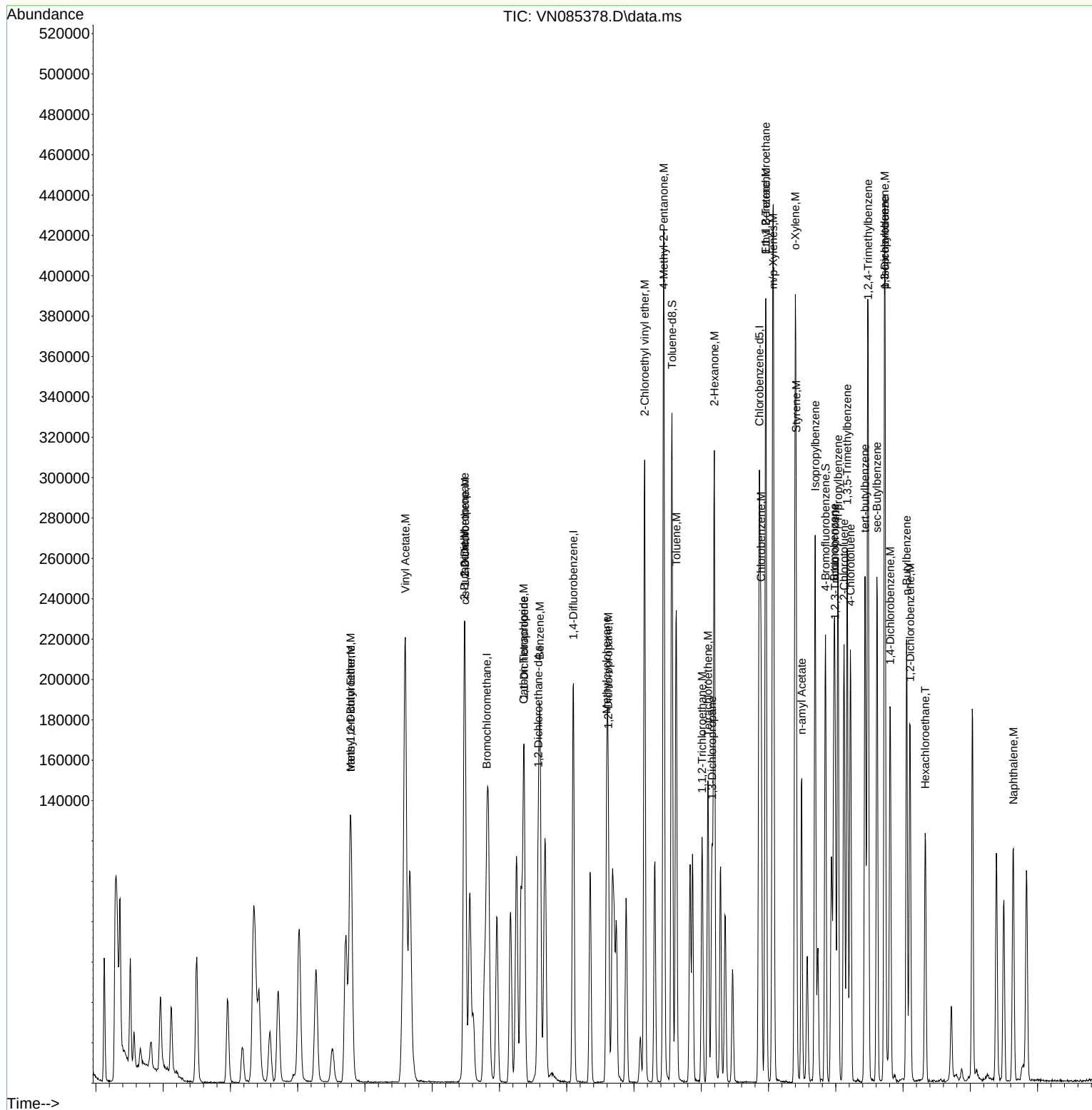
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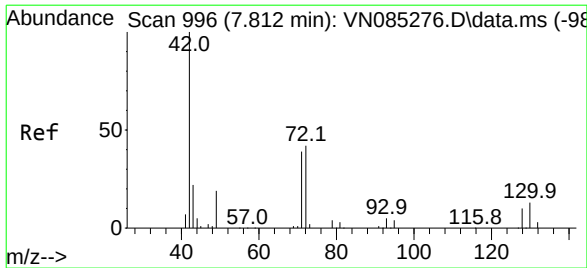
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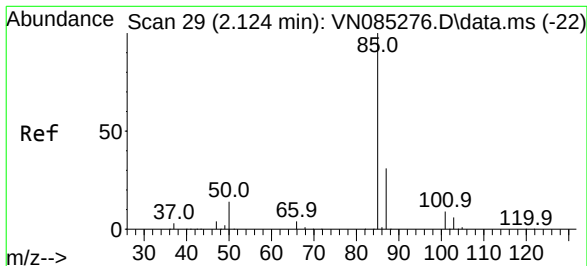
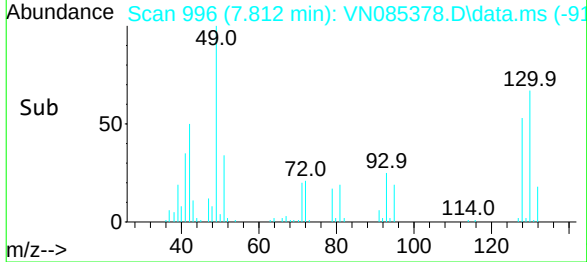
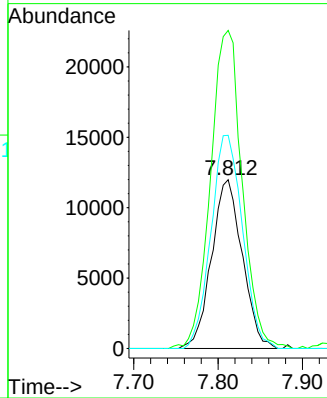
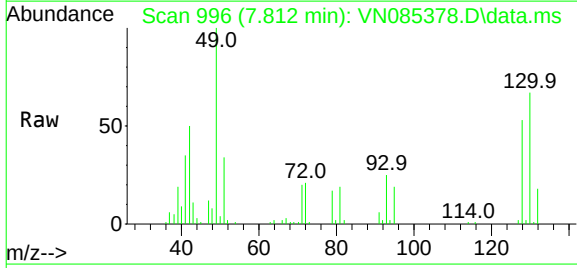
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 128 Resp: 30351
Ion Ratio Lower Upper
128 100
49 193.2 0.0 497.8
130 129.9 0.0 328.5

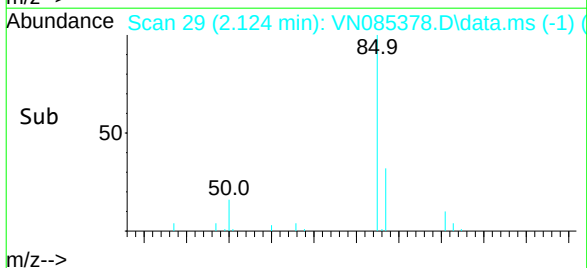
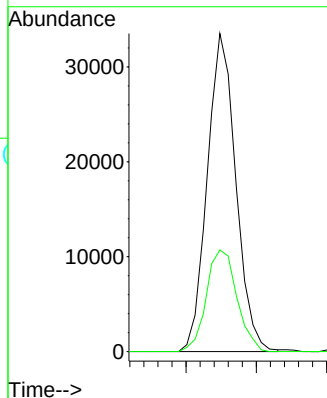
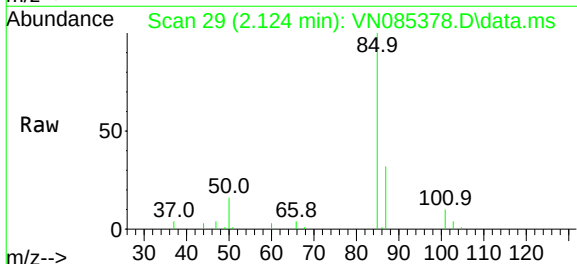
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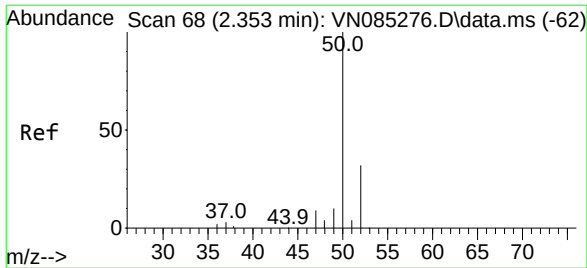
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#2
Dichlorodifluoromethane
Concen: 18.672 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion: 85 Resp: 47386
Ion Ratio Lower Upper
85 100
87 32.0 16.5 49.5





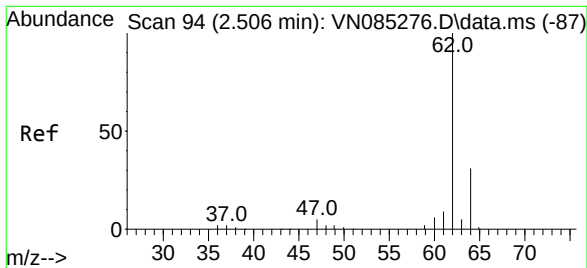
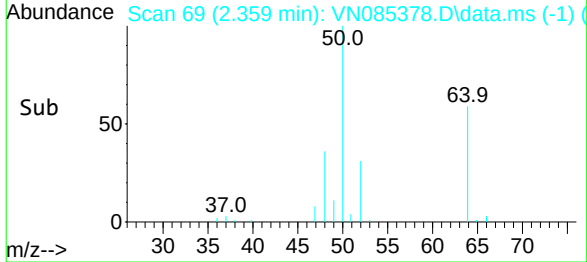
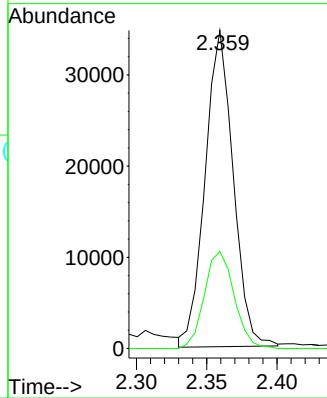
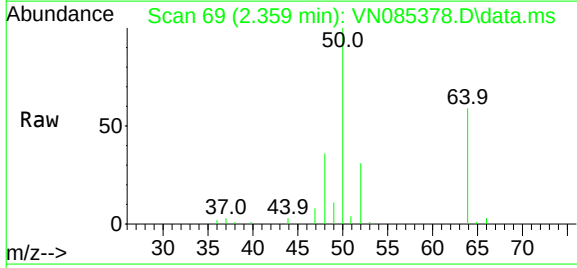
#3
Chloromethane
Concen: 18.815 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 48208
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7

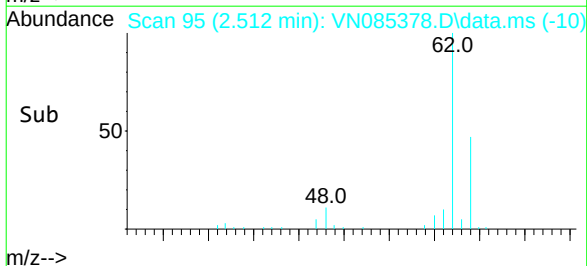
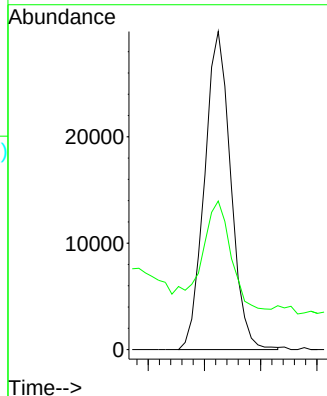
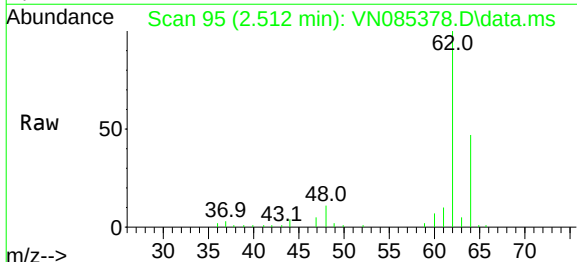
Manual Integrations
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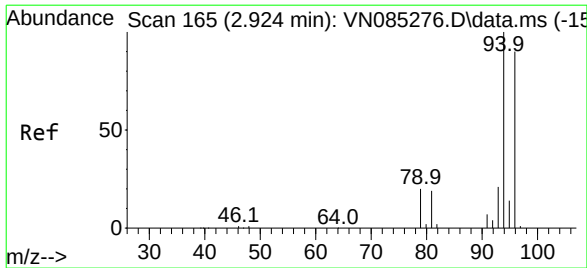
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#4
Vinyl Chloride
Concen: 18.607 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

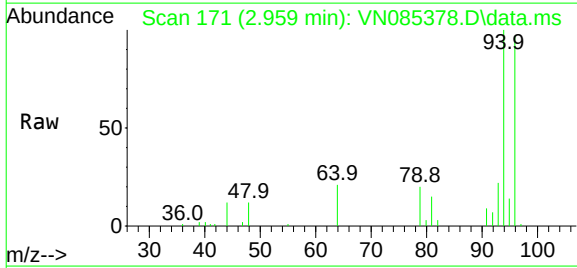
Tgt Ion: 62 Resp: 48410
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.4





#5
Bromomethane
Concen: 17.188 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

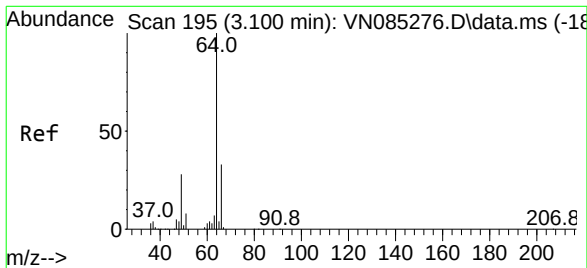
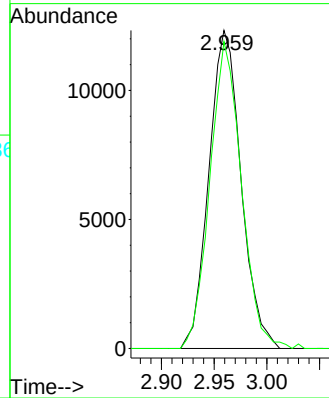
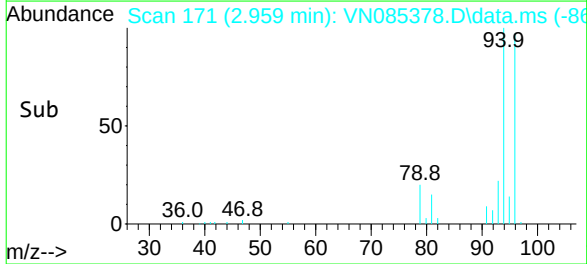
Instrument :
MSVOA_N
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VSTDCCC020EC



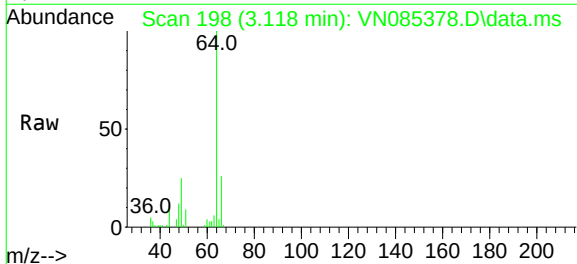
Tgt Ion: 94 Resp: 26141
Ion Ratio Lower Upper
94 100
96 96.5 75.6 113.4

Manual Integrations
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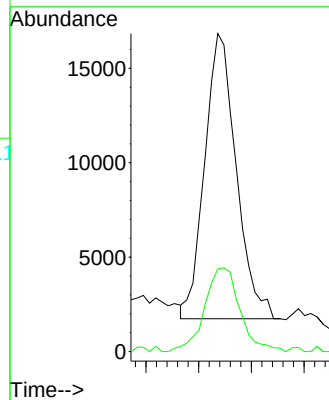
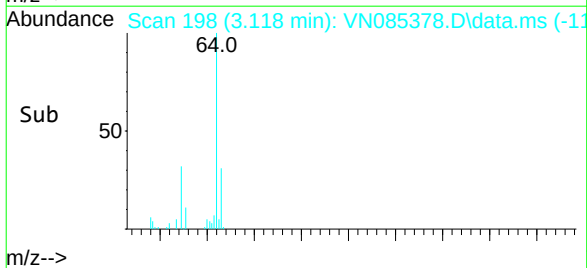
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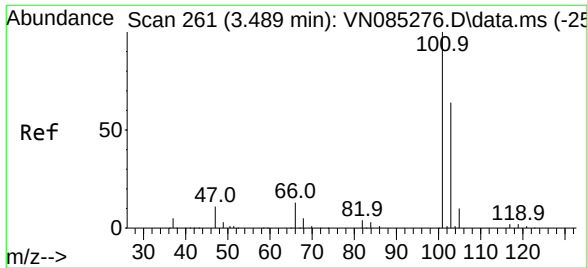


#6
Chloroethane
Concen: 19.105 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33



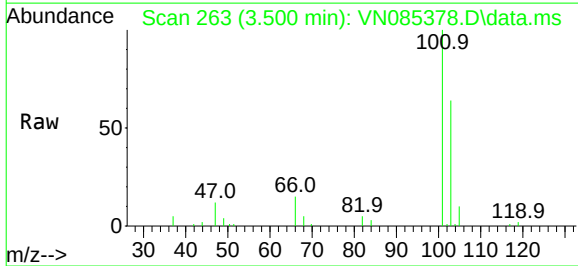
Tgt Ion: 64 Resp: 31378
Ion Ratio Lower Upper
64 100
66 27.8 22.2 33.4





#7
 Trichlorofluoromethane
 Concen: 18.539 ug/l
 RT: 3.500 min Scan# 261
 Delta R.T. 0.000 min
 Lab File: VN085378.D
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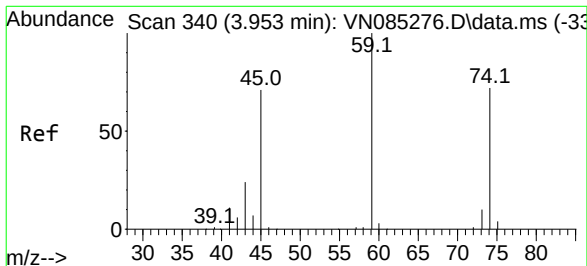
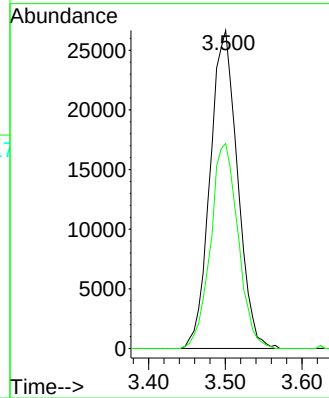
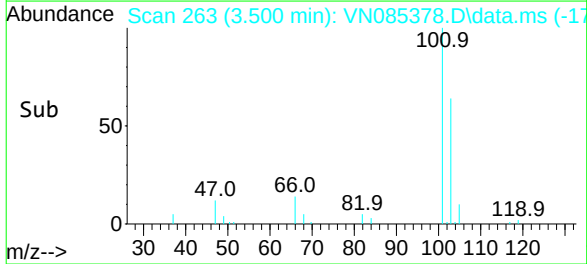
Instrument :
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 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 101 Resp: 66262
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.6 78.8

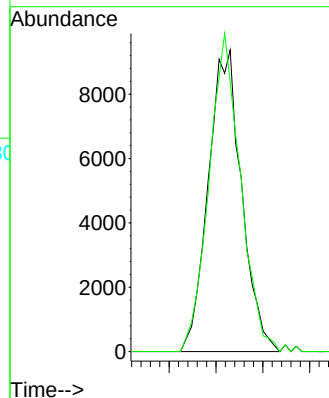
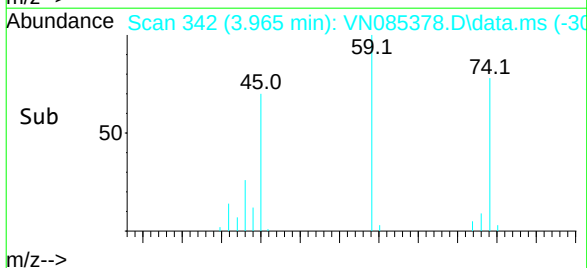
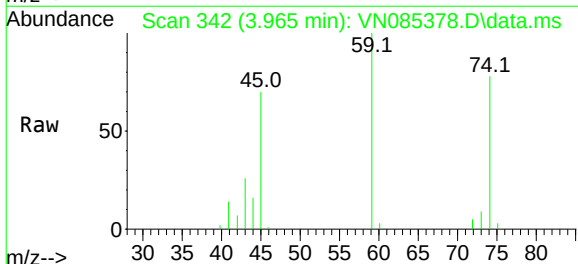
Manual Integrations
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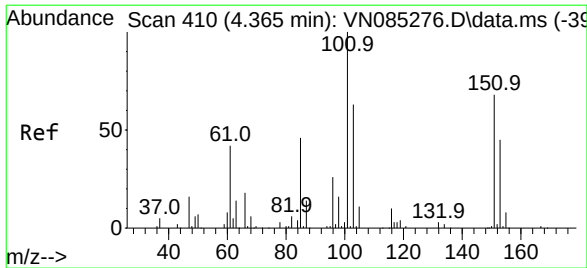
Reviewed By :Mahesh Dadoda 01/03/2025
 Supervised By :Semsettin Yesilyurt 01/03/2025



#8
 Diethyl Ether
 Concen: 18.813 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN085378.D
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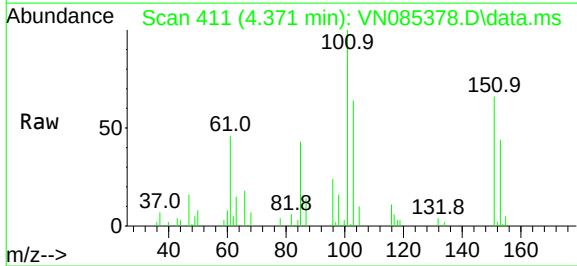
Tgt Ion: 74 Resp: 23158
 Ion Ratio Lower Upper
 74 100
 45 99.9 20.8 187.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.921 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085378.D
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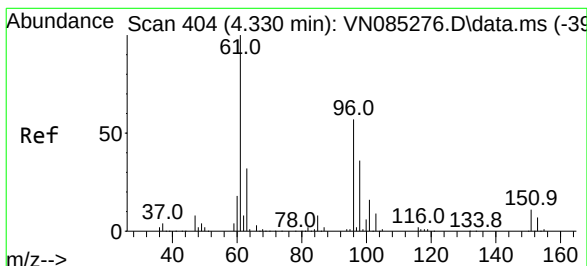
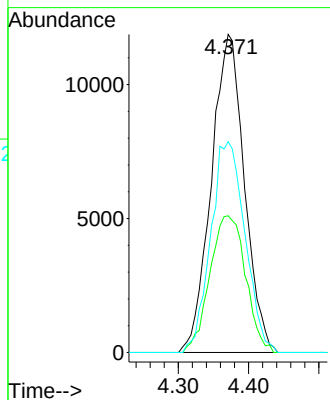
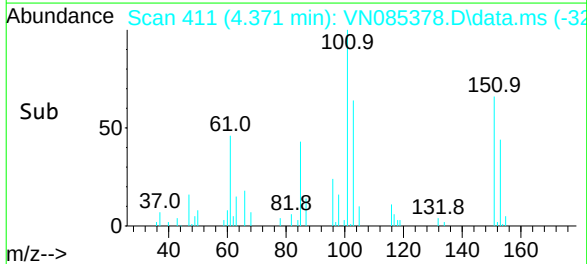
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VSTDCCC020EC



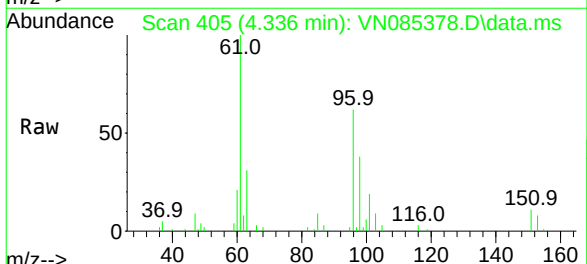
Tgt Ion: 101 Resp: 38834
Ion Ratio Lower Upper
101 100
85 46.4 0.0 96.6
151 30.9 0.0 147.4

Manual Integrations
APPROVED

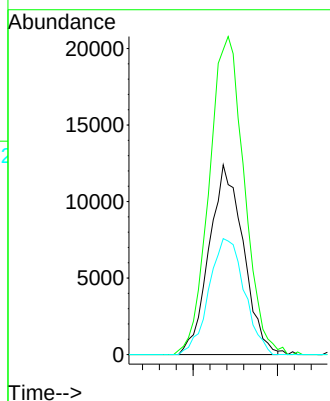
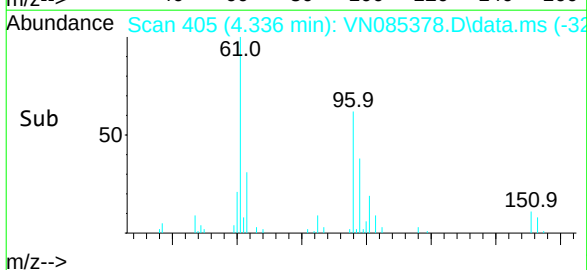
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

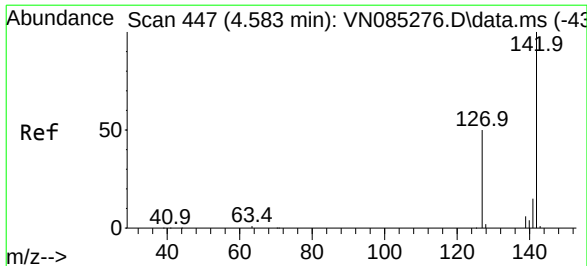


#10
1,1-Dichloroethene
Concen: 18.589 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33



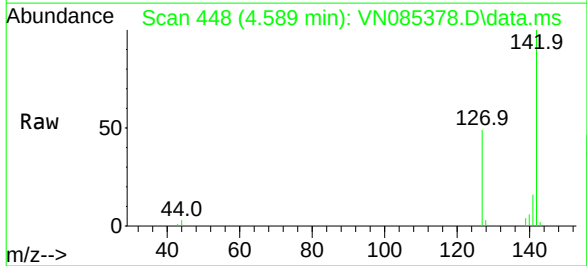
Tgt Ion: 96 Resp: 34854
Ion Ratio Lower Upper
96 100
61 158.4 145.9 218.9
98 61.1 51.9 77.9





#11
Methyl Iodide
Concen: 18.867 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

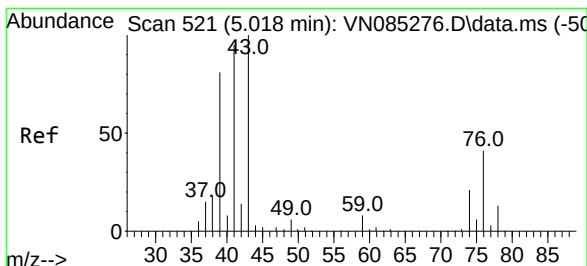
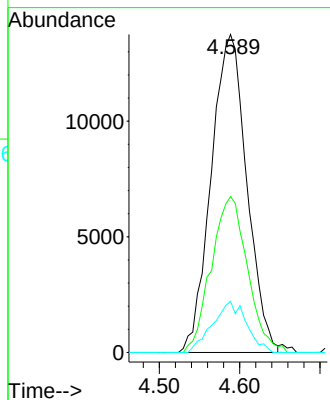
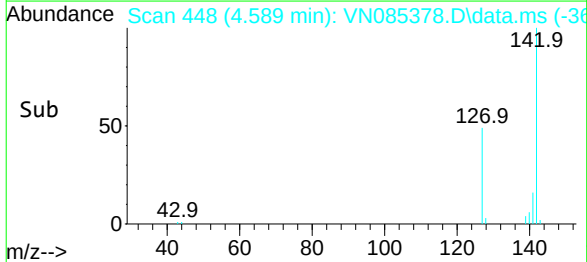
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 142 Resp: 42397
Ion Ratio Lower Upper
142 100
127 48.6 25.1 75.4
141 16.3 6.9 20.7

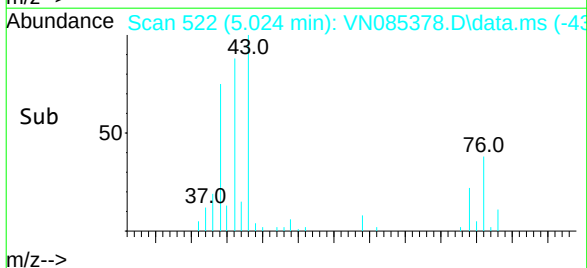
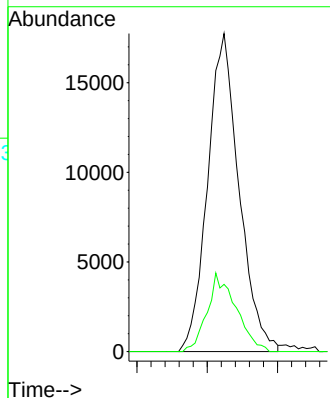
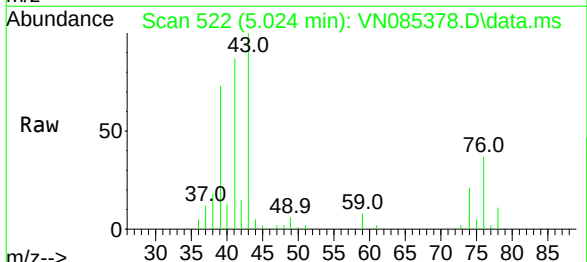
Manual Integrations
APPROVED

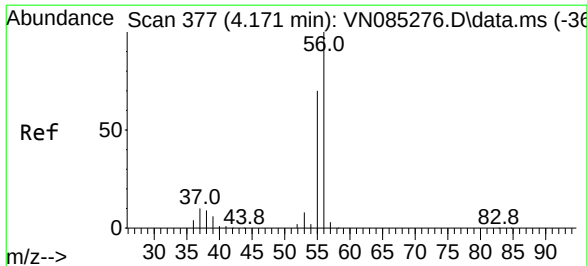
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#12
Methyl Acetate
Concen: 19.662 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion: 43 Resp: 55056
Ion Ratio Lower Upper
43 100
74 21.3 20.5 30.7





#13

Acrolein

Concen: 91.127 ug/l

RT: 4.183 min Scan# 37

Delta R.T. 0.000 min

Lab File: VN085378.D

Acq: 02 Jan 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 56 Resp: 22779

Ion Ratio Lower Upper

56 100

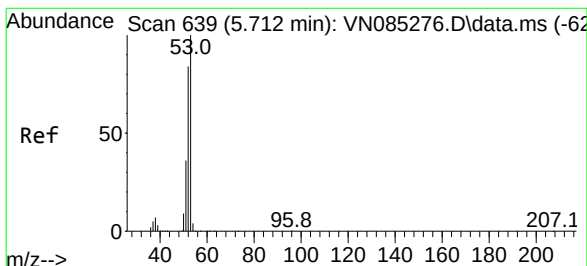
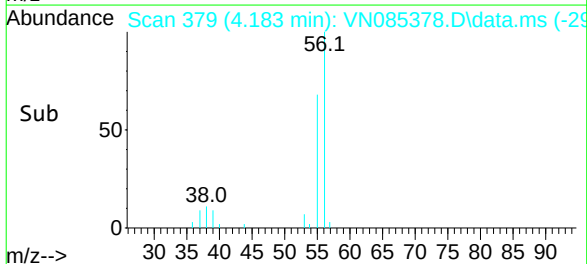
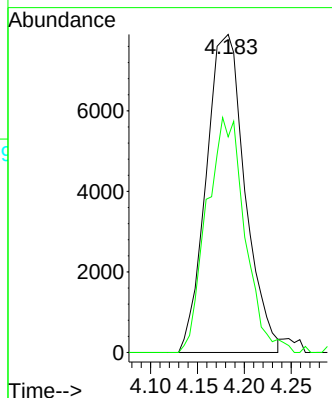
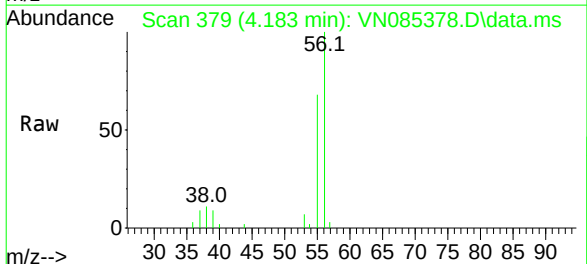
55 71.6 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025

Supervised By :Semsettin Yesilyurt 01/03/2025



#14

Acrylonitrile

Concen: 88.859 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN085378.D

Acq: 02 Jan 2025 15:33

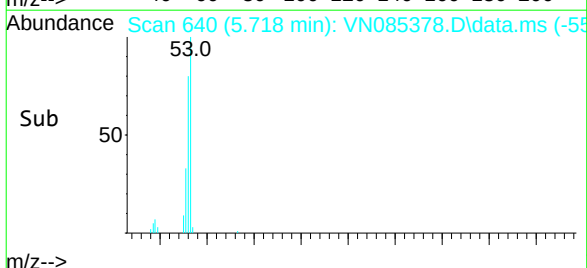
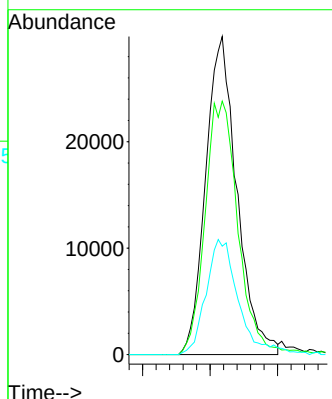
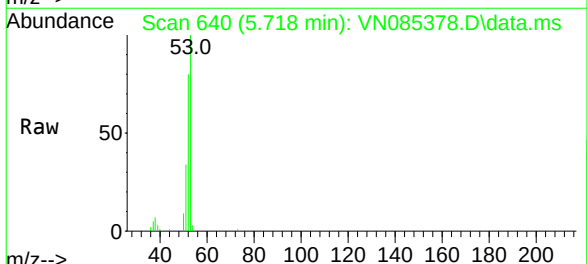
Tgt Ion: 53 Resp: 96233

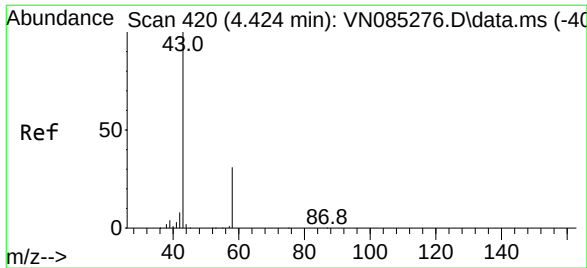
Ion Ratio Lower Upper

53 100

52 37.8 41.6 124.8#

51 37.4 18.1 54.4





#15

Acetone

Concen: 88.908 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.000 min

Lab File: VN085378.D

Acq: 02 Jan 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 24289

Ion Ratio Lower Upper

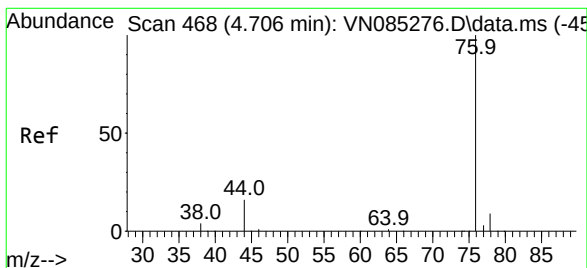
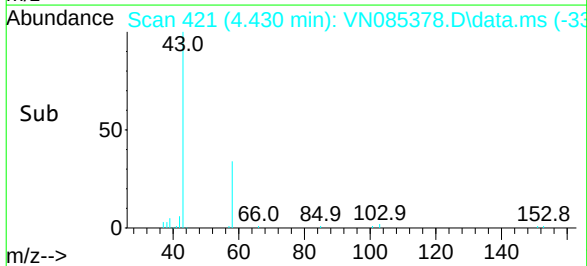
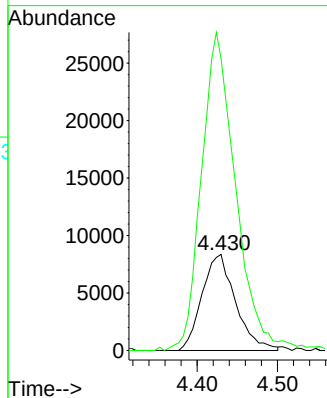
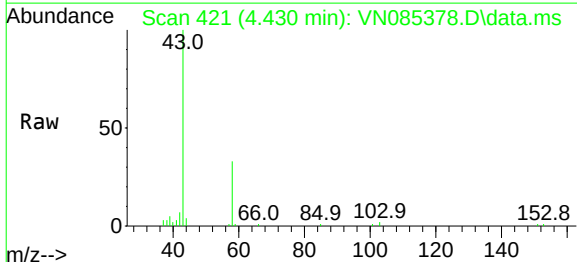
58 100

43 295.9 258.8 388.2

Manual Integrations

APPROVED

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



#16

Carbon Disulfide

Concen: 18.114 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN085378.D

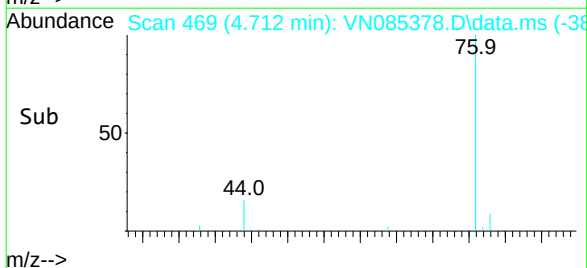
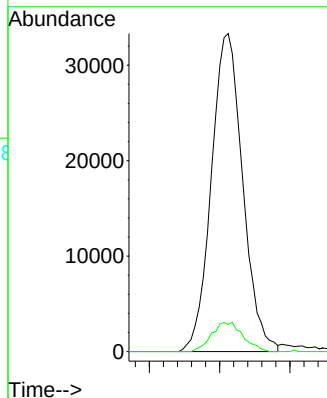
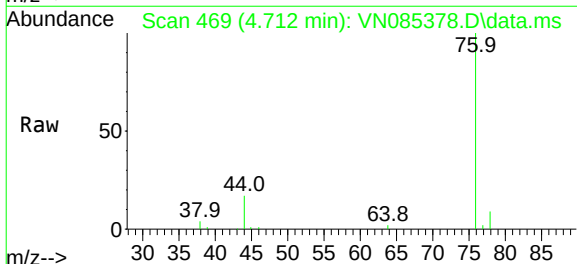
Acq: 02 Jan 2025 15:33

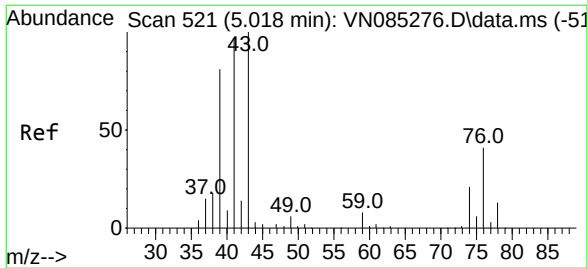
Tgt Ion: 76 Resp: 103244

Ion Ratio Lower Upper

76 100

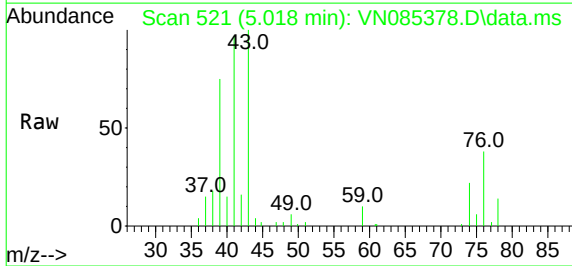
78 8.6 6.6 9.8





#17
 Allyl chloride
 Concen: 17.796 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. -0.006 min
 Lab File: VN085378.D
 Acq: 02 Jan 2025 15:33

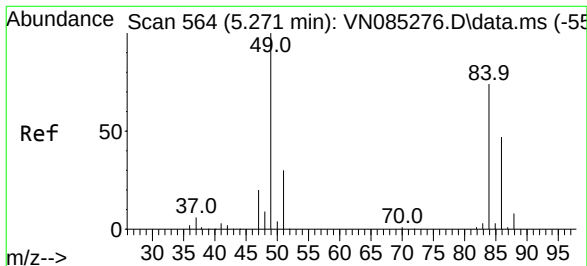
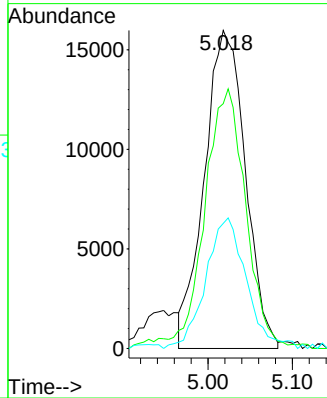
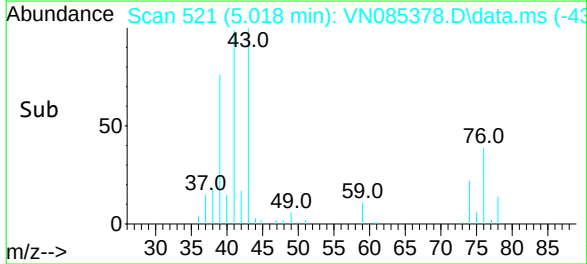
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:	41	Resp:	53977
Ion	Ratio	Lower	Upper
41	100		
39	76.1	41.3	124.1
76	38.1	19.5	58.5

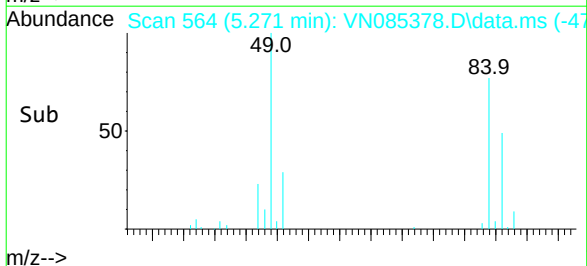
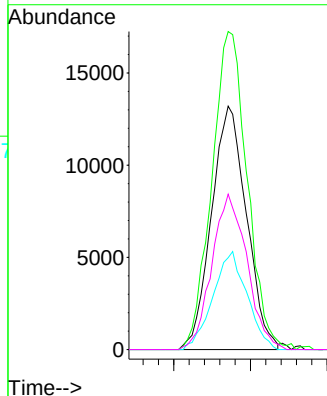
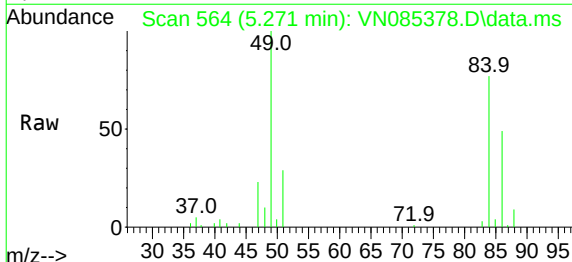
Manual Integrations
 APPROVED

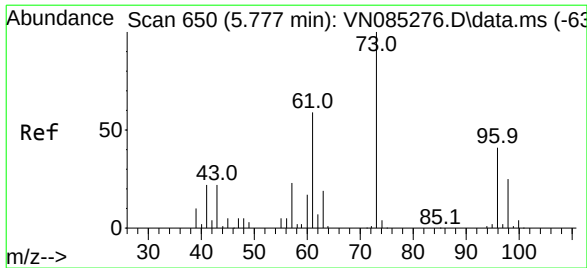
Reviewed By :Mahesh Dadoda 01/03/2025
 Supervised By :Semsettin Yesilyurt 01/03/2025



#18
 Methylene Chloride
 Concen: 18.730 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: VN085378.D
 Acq: 02 Jan 2025 15:33

Tgt Ion:	84	Resp:	41849
Ion	Ratio	Lower	Upper
84	100		
49	130.6	104.9	157.3
51	37.7	30.2	45.4
86	63.8	50.6	76.0





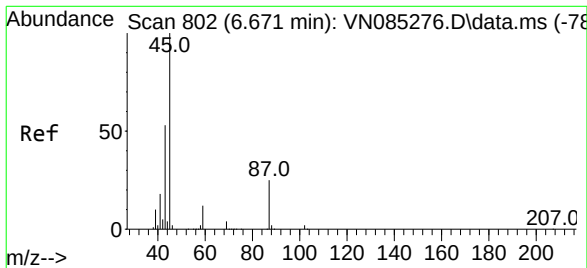
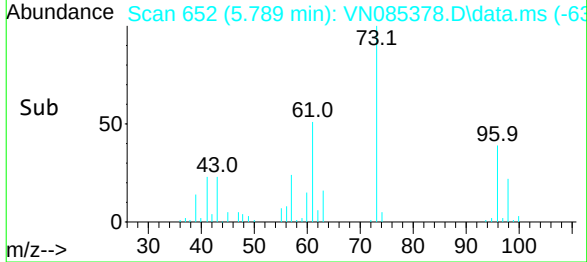
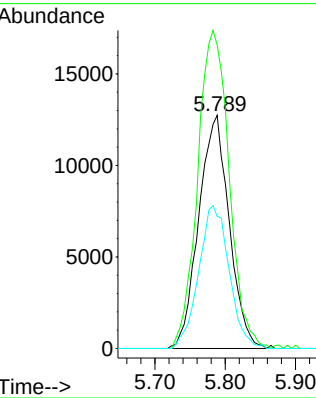
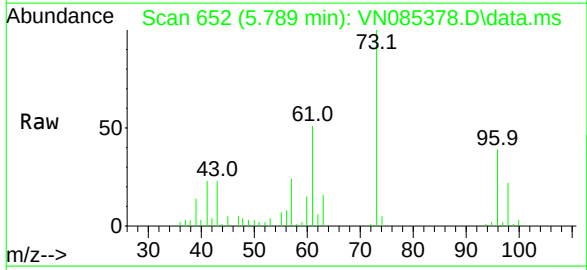
#19
trans-1,2-Dichloroethene
Concen: 19.653 ug/l
RT: 5.789 min Scan# 650
Delta R.T. 0.006 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 38327
Ion Ratio Lower Upper
96 100
61 130.2 124.2 186.4
98 56.7 51.0 76.4

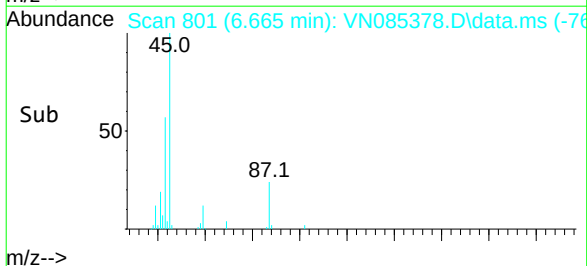
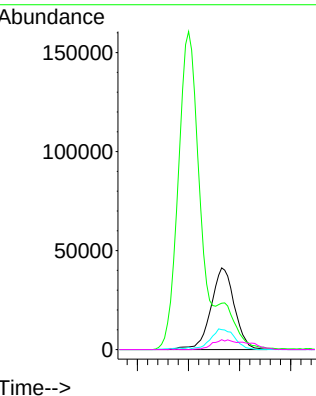
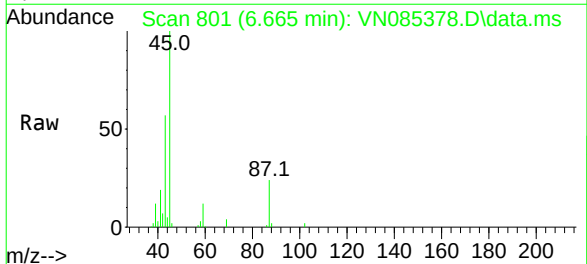
Manual Integrations
APPROVED

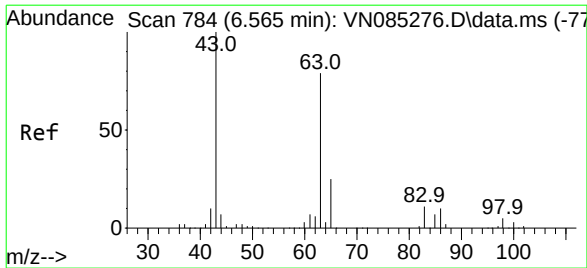
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#20
Diisopropyl ether
Concen: 18.943 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

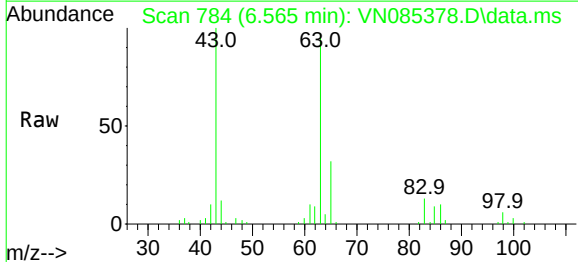
Tgt Ion: 45 Resp: 131683
Ion Ratio Lower Upper
45 100
43 55.0 46.6 69.8
87 24.4 22.3 33.5
59 12.1 9.2 13.8





#21
1,1-Dichloroethane
Concen: 18.762 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

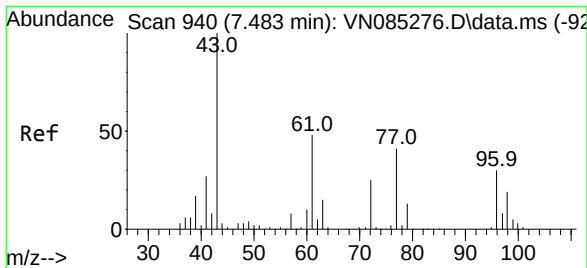
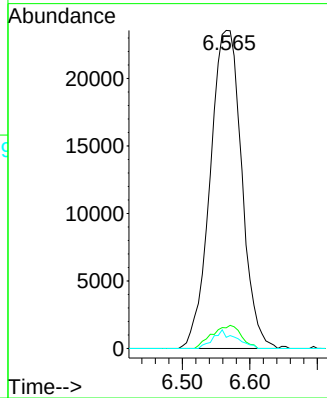
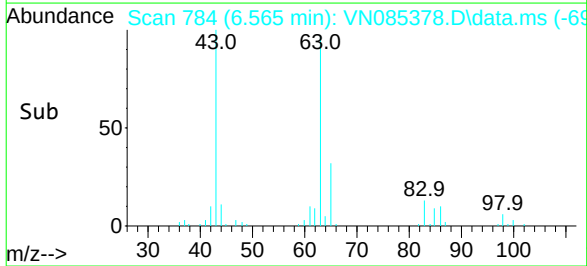
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



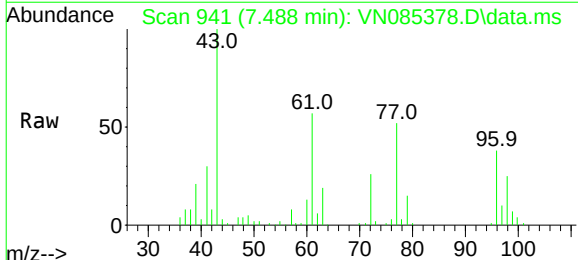
Tgt Ion: 63 Resp: 76244
Ion Ratio Lower Upper
63 100
98 6.5 2.4 7.1
100 3.5 2.1 6.3

Manual Integrations
APPROVED

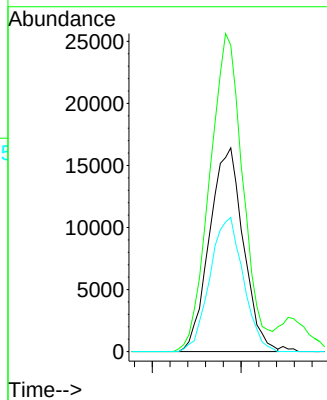
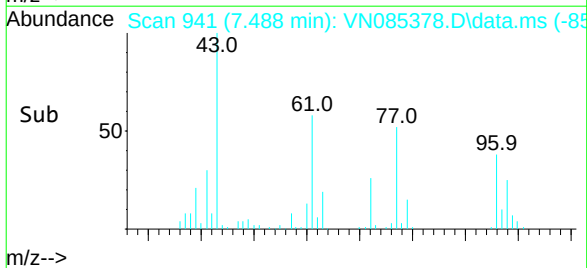
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

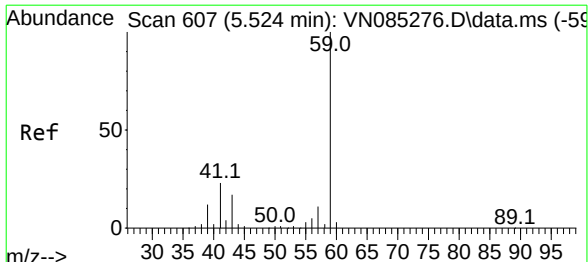


#22
cis-1,2-Dichloroethene
Concen: 18.722 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33



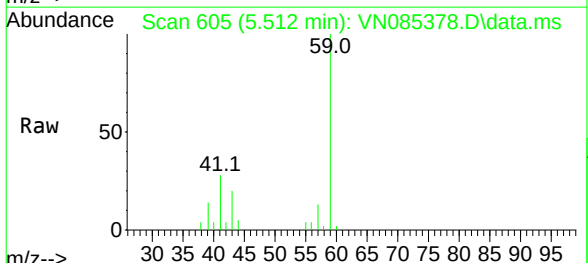
Tgt Ion: 96 Resp: 43478
Ion Ratio Lower Upper
96 100
61 153.5 128.1 192.1
98 64.9 52.7 79.1





#23
tert-Butyl Alcohol
Concen: 80.187 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

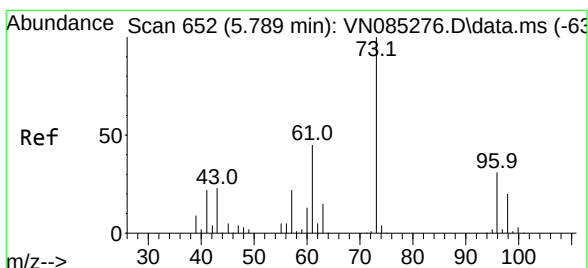
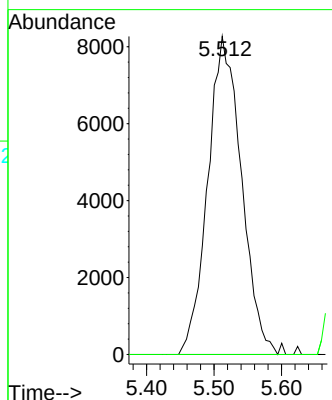
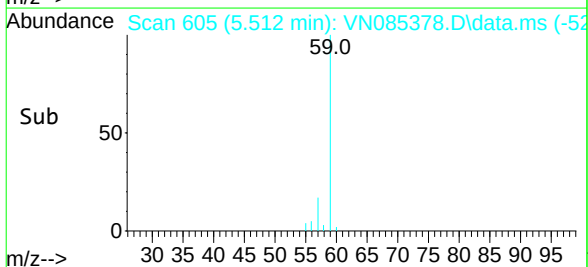
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



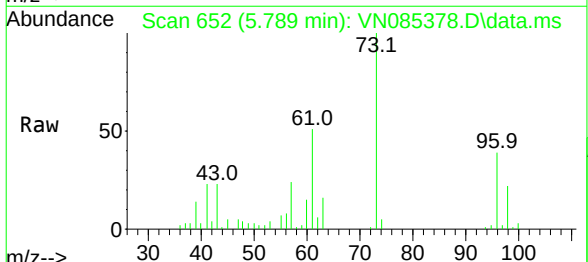
Tgt Ion: 59 Resp: 28620
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

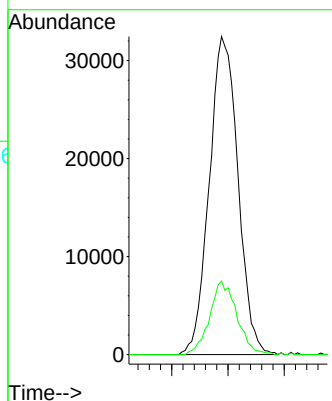
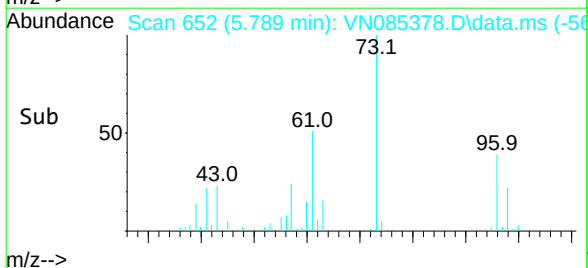
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

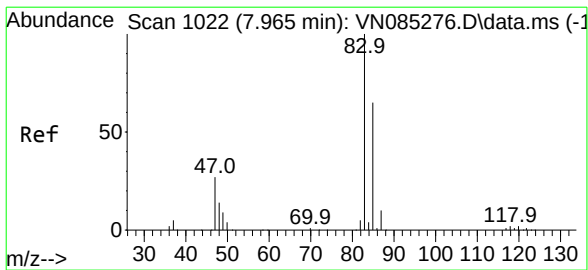


#24
Methyl tert-Butyl Ether
Concen: 18.705 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.012 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33



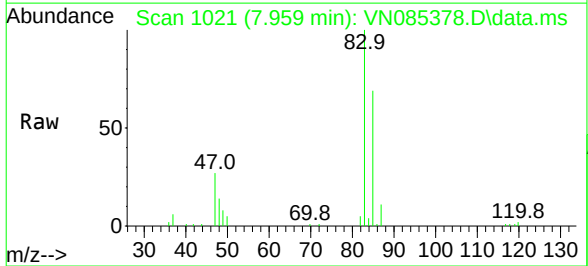
Tgt Ion: 73 Resp: 115115
Ion Ratio Lower Upper
73 100
43 21.8 18.6 27.8





#25
Chloroform
Concen: 19.025 ug/l
RT: 7.959 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

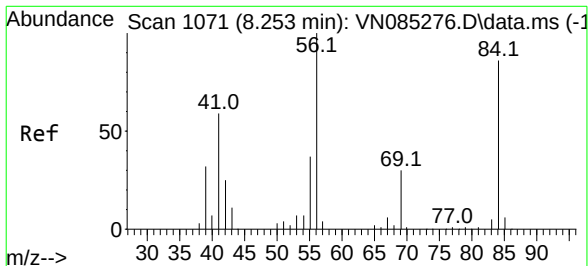
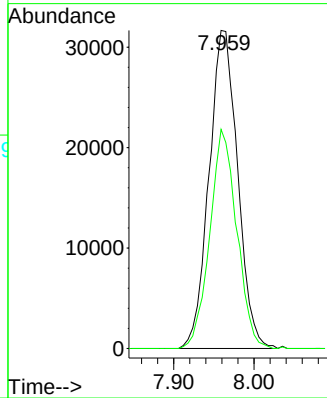
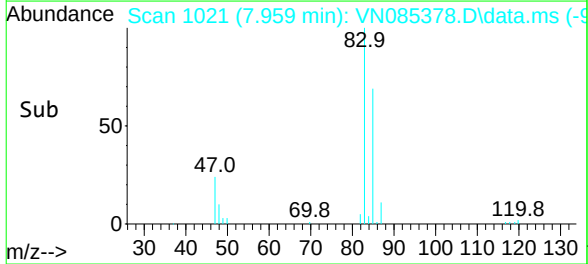
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 78371
Ion Ratio Lower Upper
83 100
85 68.9 52.0 78.0

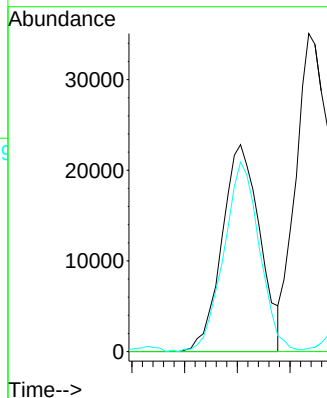
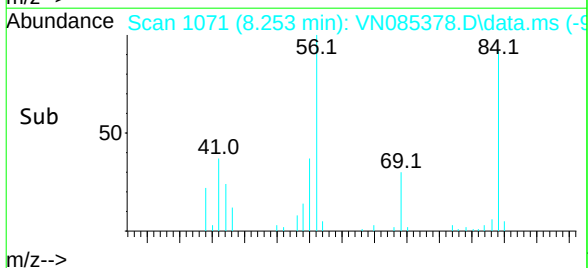
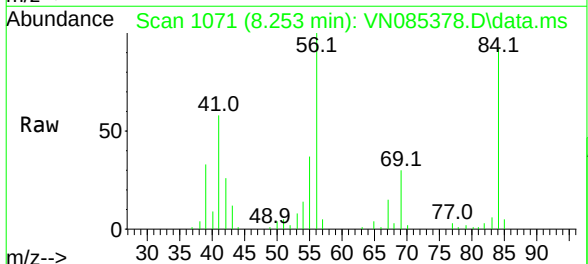
Manual Integrations
APPROVED

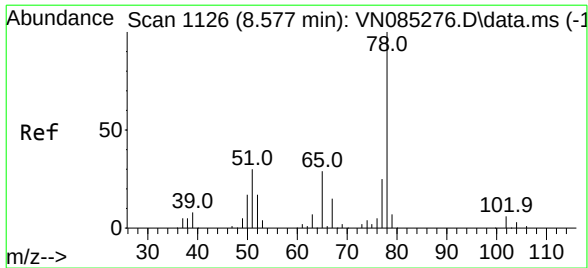
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#26
Cyclohexane
Concen: 18.443 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion: 56 Resp: 57144
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.2 67.6 101.4





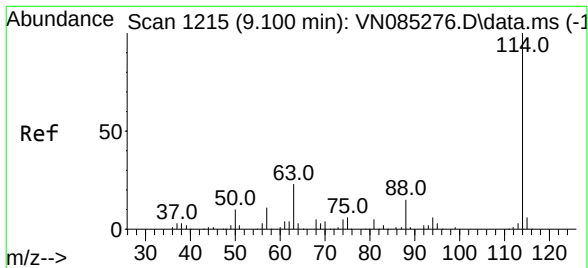
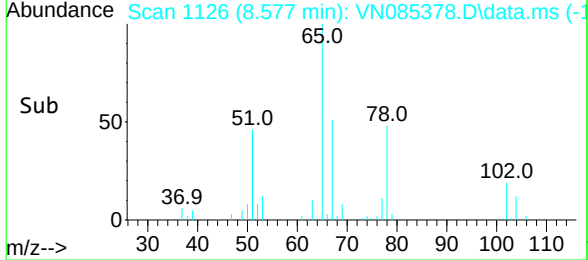
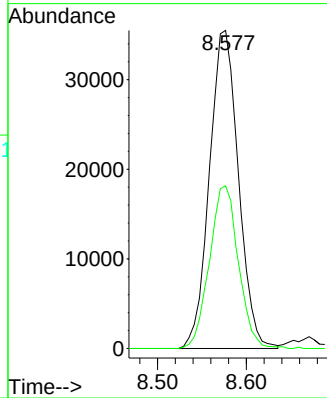
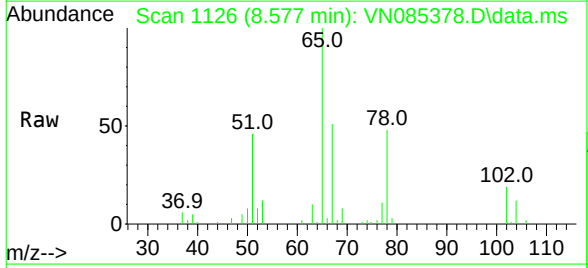
#27
1,2-Dichloroethane-d4
Concen: 30.170 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 80553
Ion Ratio Lower Upper
65 100
67 50.9 42.0 63.0

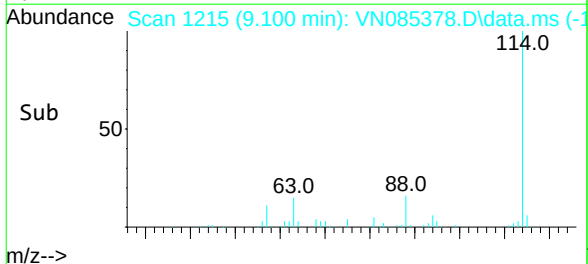
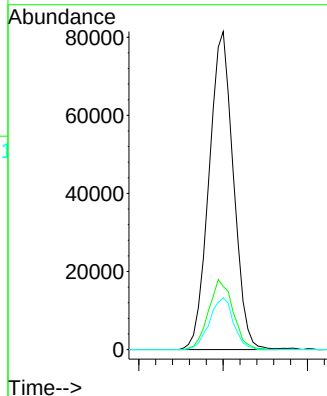
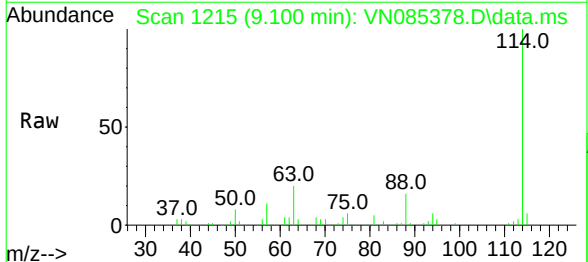
Manual Integrations
APPROVED

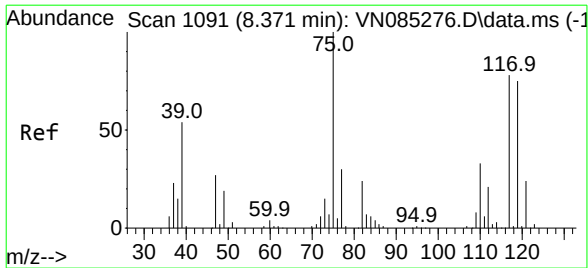
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

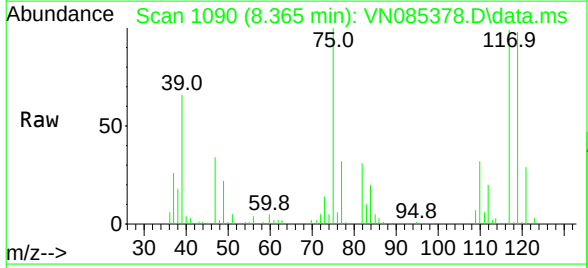
Tgt Ion:114 Resp: 163481
Ion Ratio Lower Upper
114 100
63 22.1 18.0 27.0
88 16.0 12.9 19.3





#29
1,1-Dichloropropene
Concen: 17.920 ug/l
RT: 8.365 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

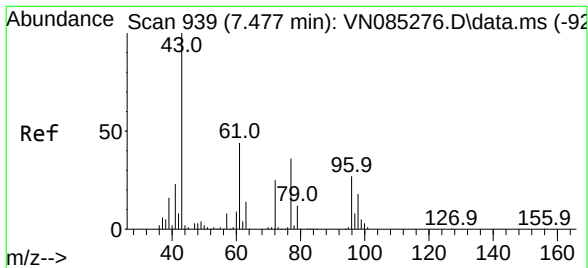
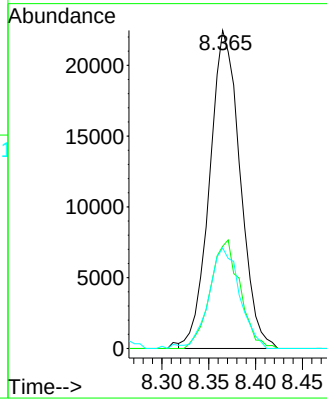
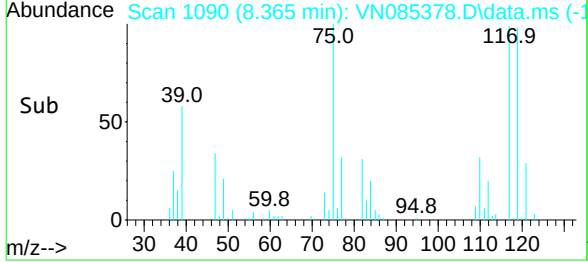
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 50863
Ion Ratio Lower Upper
75 100
110 33.2 0.0 64.8
77 31.7 0.0 60.8

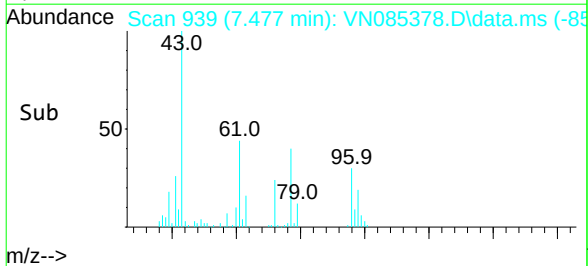
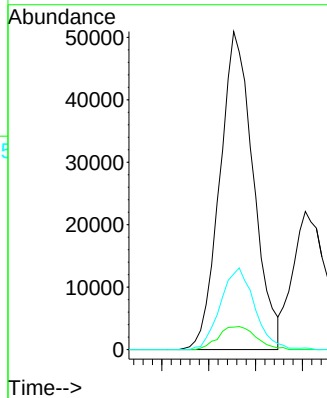
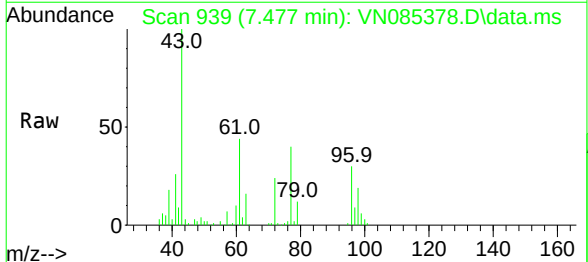
Manual Integrations
APPROVED

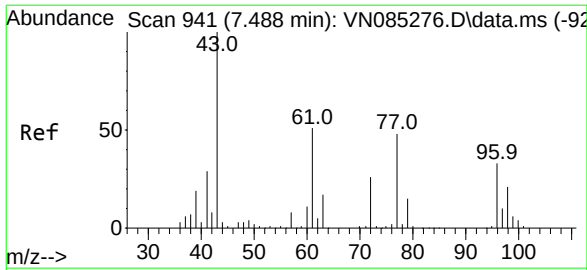
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#30
2-Butanone
Concen: 84.608 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion: 43 Resp: 126764
Ion Ratio Lower Upper
43 100
57 8.1 6.2 9.2
72 26.0 19.9 29.9





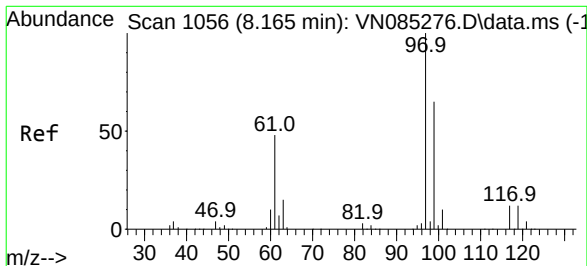
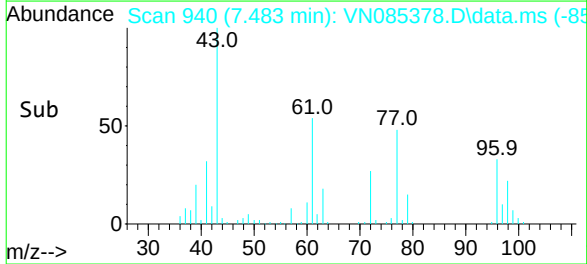
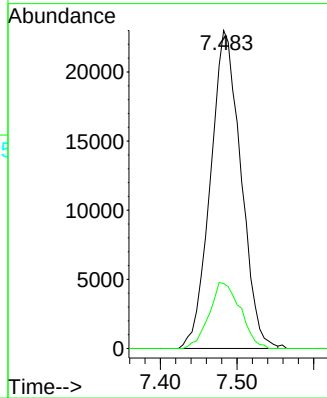
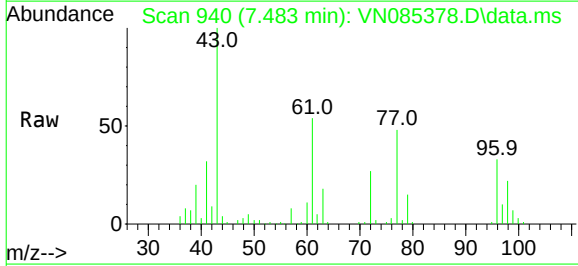
#31
2,2-Dichloropropane
Concen: 17.646 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 63465
Ion Ratio Lower Upper
77 100
97 21.3 16.9 25.3

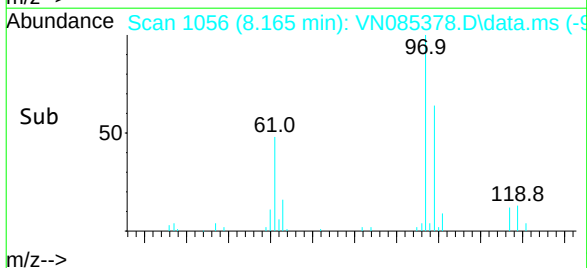
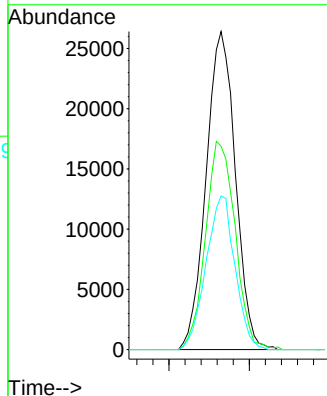
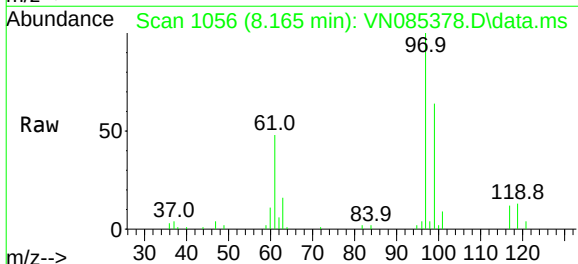
Manual Integrations
APPROVED

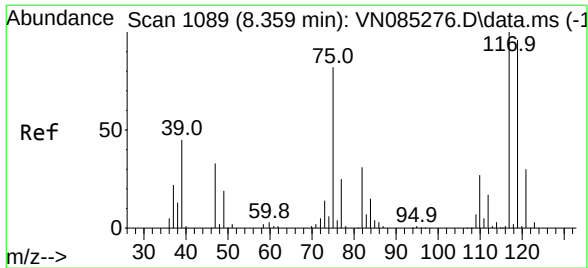
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#32
1,1,1-Trichloroethane
Concen: 18.139 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

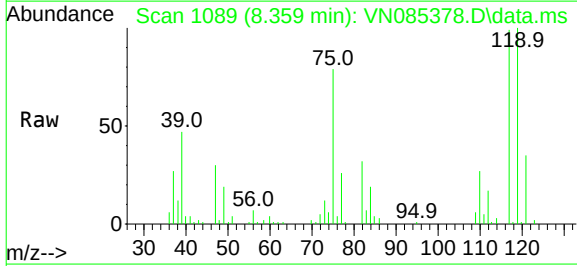
Tgt Ion: 97 Resp: 66932
Ion Ratio Lower Upper
97 100
99 65.8 52.2 78.2
61 47.7 39.8 59.8





#33
Carbon Tetrachloride
Concen: 18.402 ug/l m
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

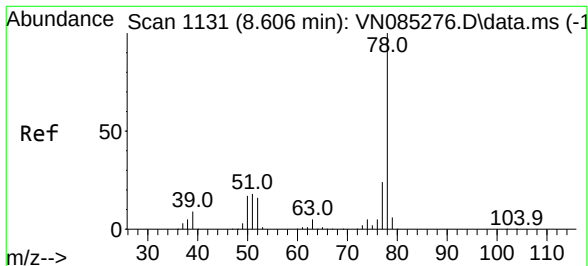
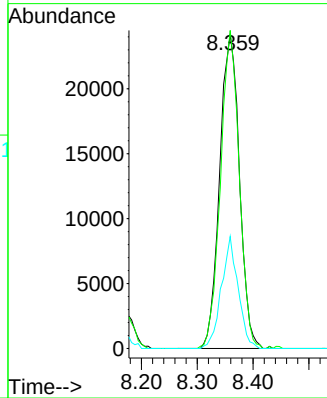
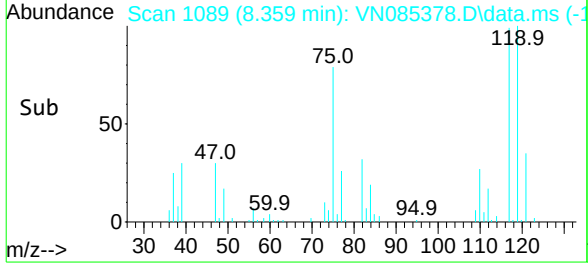
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 59438
Ion Ratio Lower Upper
117 100
119 101.3 71.6 107.4
121 35.7 23.5 35.3#

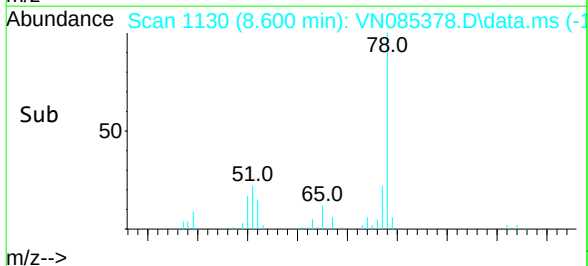
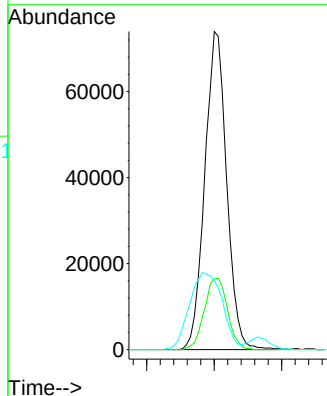
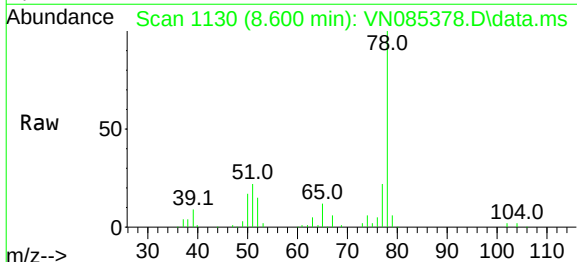
Manual Integrations
APPROVED

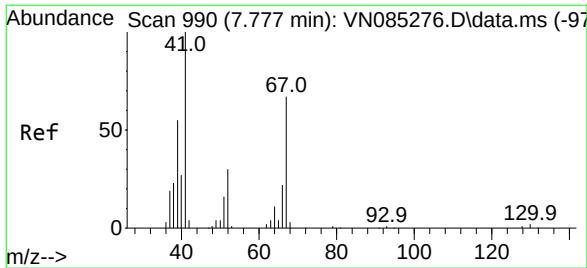
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#34
Benzene
Concen: 18.555 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion: 78 Resp: 166479
Ion Ratio Lower Upper
78 100
77 22.2 19.3 28.9
51 20.9 14.6 21.8





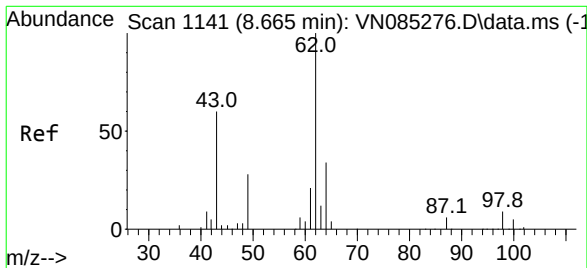
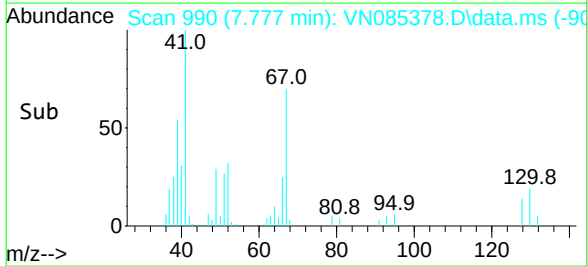
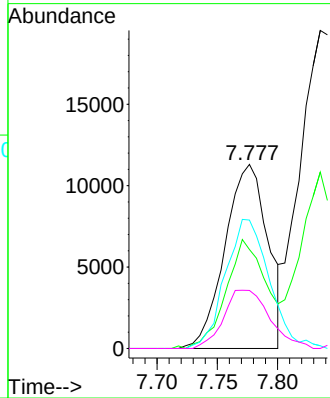
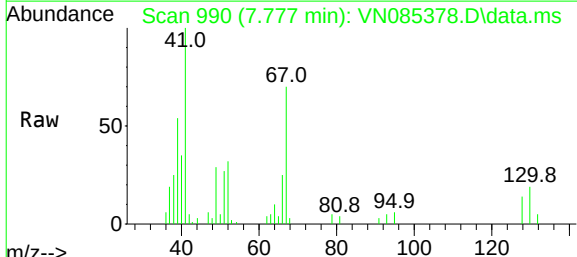
#35
Methacrylonitrile
Concen: 16.862 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	41	Resp:	27967
Ion	Ratio	Lower	Upper
41	100		
39	52.4	26.7	80.0
67	69.7	32.5	97.5
52	31.5	13.3	39.9

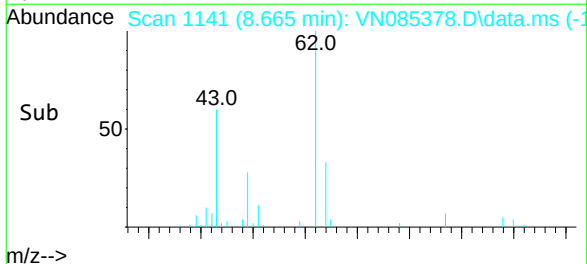
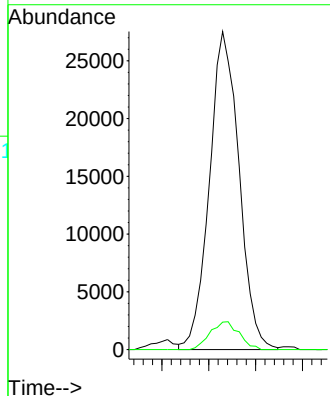
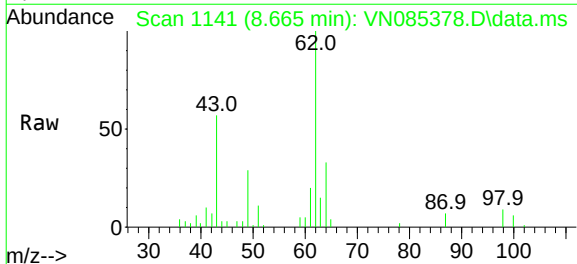
Manual Integrations
APPROVED

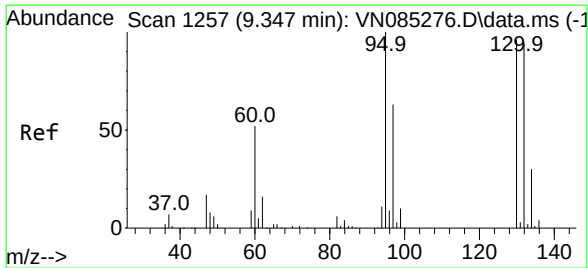
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#36
1,2-Dichloroethane
Concen: 18.676 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion:	62	Resp:	60592
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.6	10.0





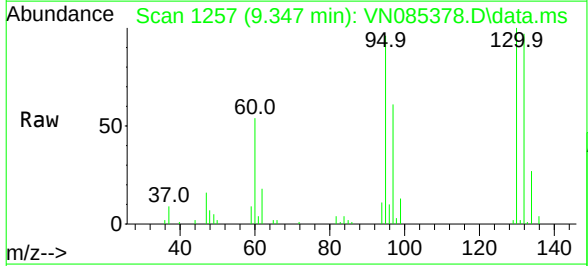
#37
 Trichloroethene
 Concen: 18.068 ug/l
 RT: 9.347 min Scan# 1299
 Delta R.T. 0.000 min
 Lab File: VN085378.D
 Acq: 02 Jan 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

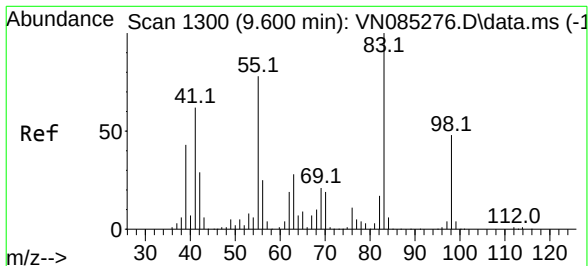
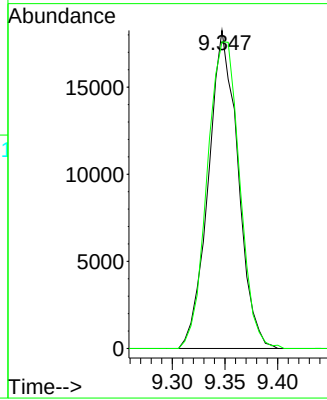
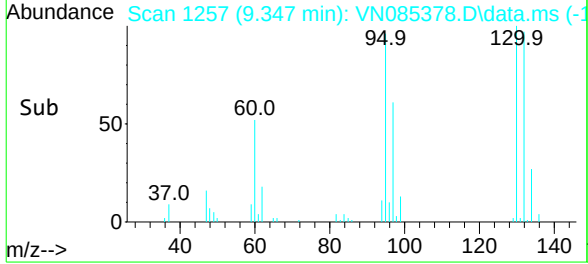


Tgt Ion:130 Resp: 35666
 Ion Ratio Lower Upper
 130 100
 95 96.4 80.0 120.0

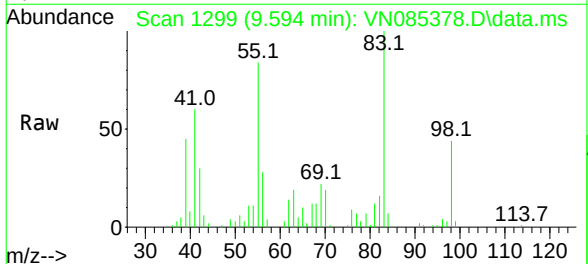
Manual Integrations

APPROVED

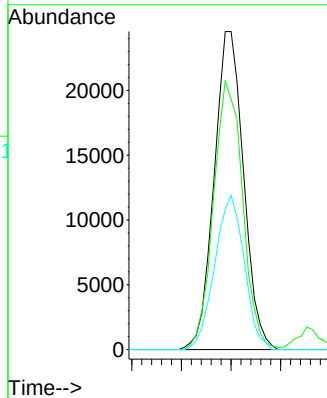
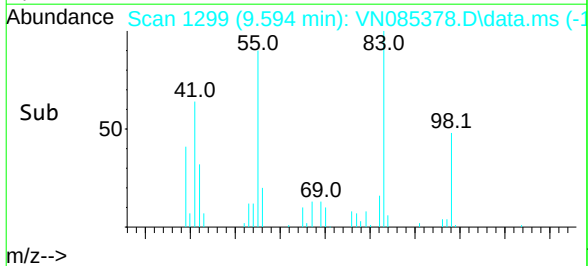
Reviewed By :Mahesh Dadoda 01/03/2025
 Supervised By :Semsettin Yesilyurt 01/03/2025

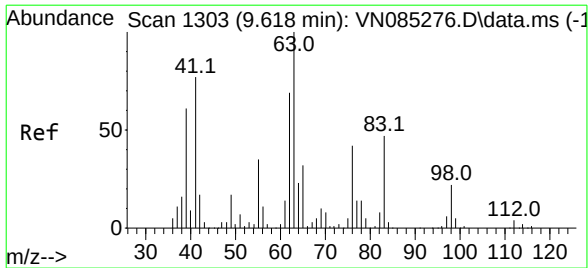


#38
 Methylcyclohexane
 Concen: 17.245 ug/l
 RT: 9.594 min Scan# 1299
 Delta R.T. -0.006 min
 Lab File: VN085378.D
 Acq: 02 Jan 2025 15:33



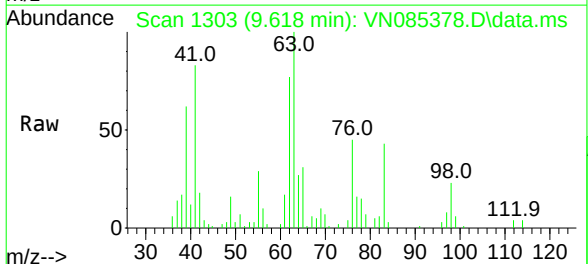
Tgt Ion: 83 Resp: 50652
 Ion Ratio Lower Upper
 83 100
 55 83.6 43.6 130.8
 98 48.5 24.2 72.6





#39
 1,2-Dichloropropane
 Concen: 18.110 ug/l
 RT: 9.618 min Scan# 1303
 Delta R.T. 0.000 min
 Lab File: VN085378.D
 Acq: 02 Jan 2025 15:33

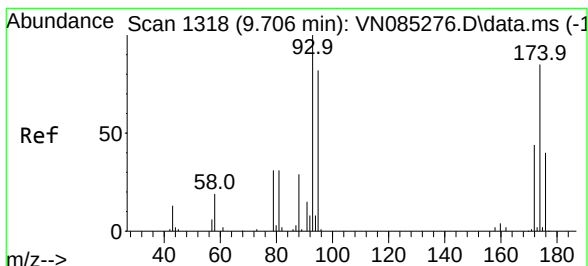
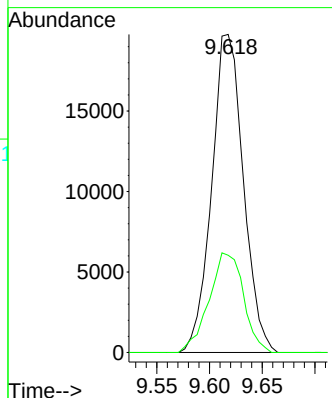
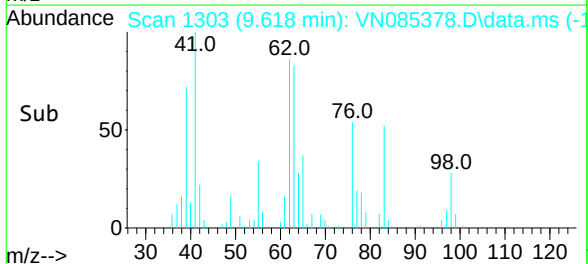
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.6	26.1	39.1

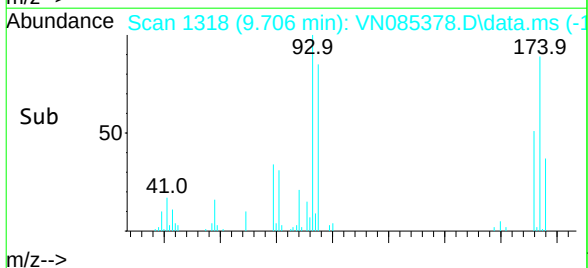
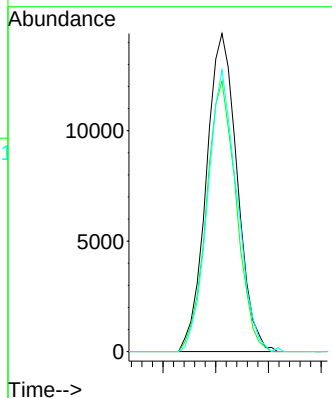
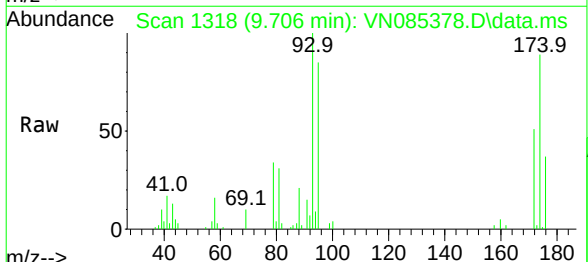
Manual Integrations
 APPROVED

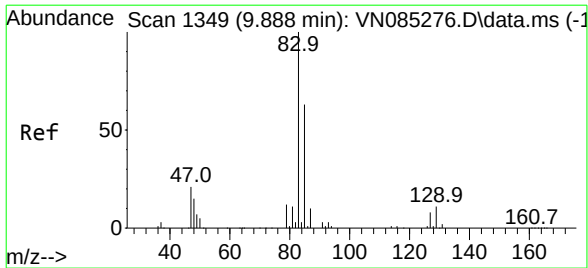
Reviewed By :Mahesh Dadoda 01/03/2025
 Supervised By :Semsettin Yesilyurt 01/03/2025



#40
 Dibromomethane
 Concen: 18.426 ug/l
 RT: 9.706 min Scan# 1318
 Delta R.T. 0.000 min
 Lab File: VN085378.D
 Acq: 02 Jan 2025 15:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	0.0	167.6
174	83.9	0.0	171.0





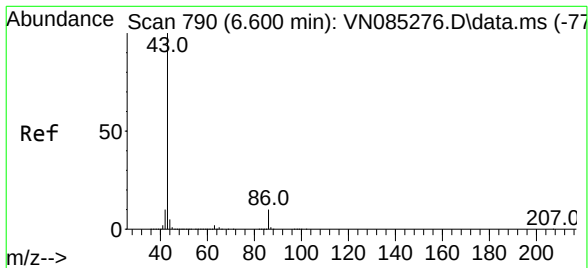
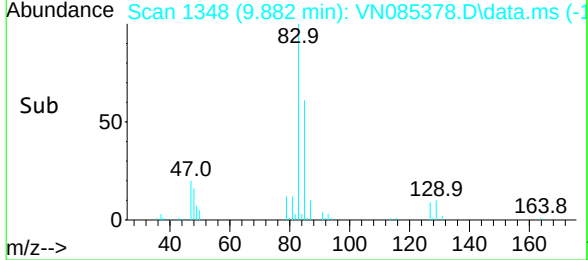
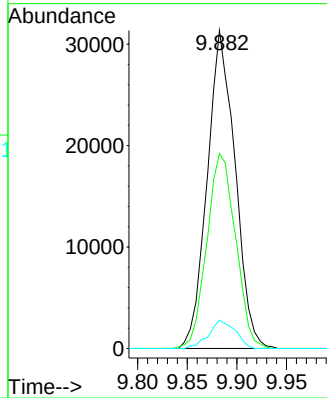
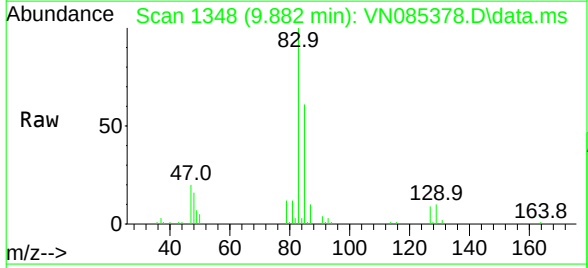
#41
Bromodichloromethane
Concen: 18.418 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	83	Resp:	61257
Ion Ratio	Lower	Upper	
83	100		
85	61.3	50.1	75.1
127	8.9	5.8	8.6

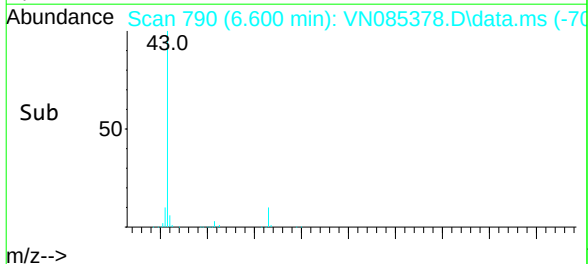
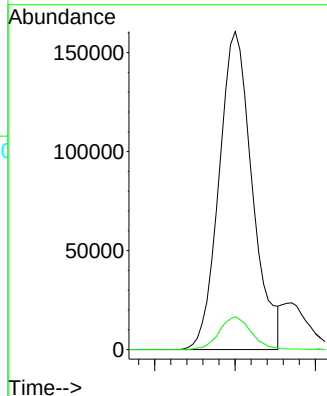
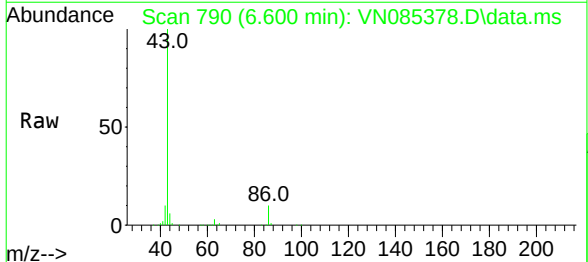
Manual Integrations
APPROVED

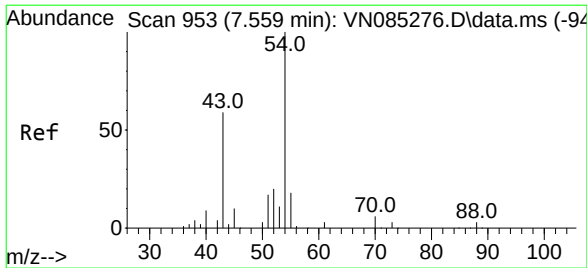
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#42
Vinyl Acetate
Concen: 87.400 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion:	43	Resp:	462230
Ion Ratio	Lower	Upper	
43	100		
86	9.9	7.9	11.9





#43

Ethyl Acetate

Concen: 18.077 ug/l

RT: 7.553 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085378.D

Acq: 02 Jan 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 56010

Ion Ratio Lower Upper

43 100

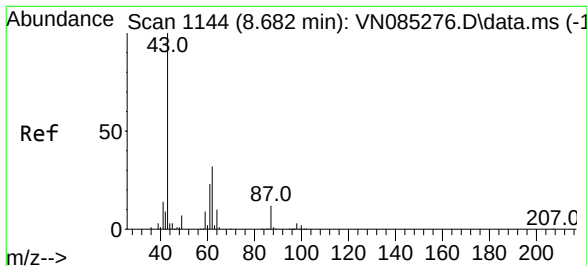
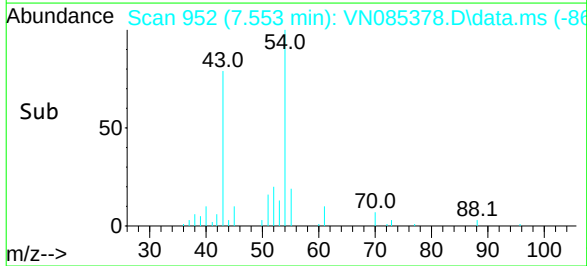
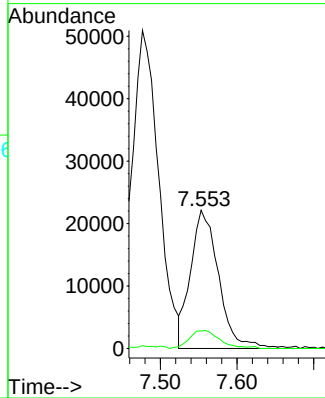
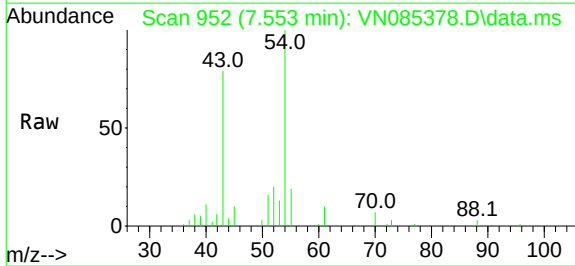
45 13.9 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025

Supervised By :Semsettin Yesilyurt 01/03/2025



#44

Isopropyl Acetate

Concen: 17.463 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN085378.D

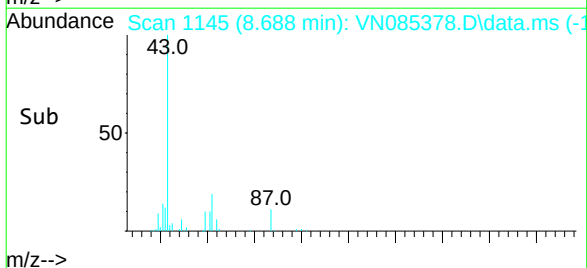
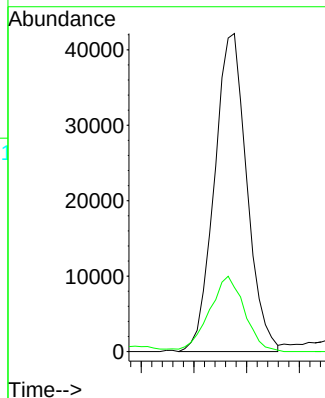
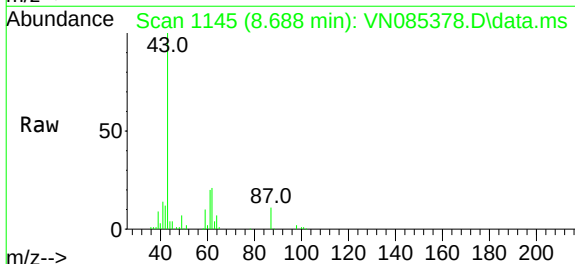
Acq: 02 Jan 2025 15:33

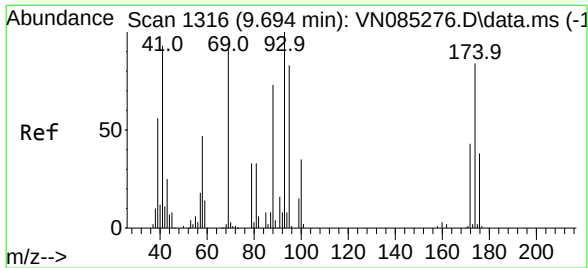
Tgt Ion: 43 Resp: 89887

Ion Ratio Lower Upper

43 100

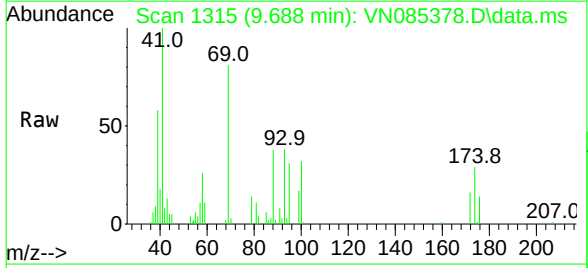
61 25.6 19.7 29.5





#45
1,4-Dioxane
Concen: 305.314 ug/l
RT: 9.688 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

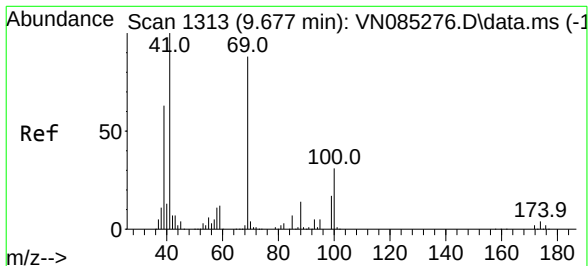
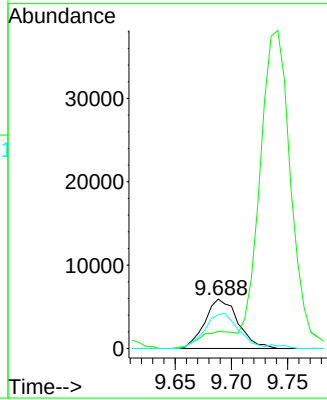
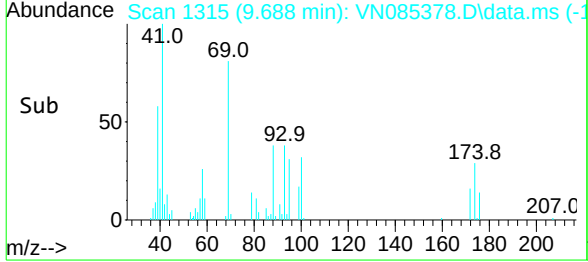
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 12223
Ion Ratio Lower Upper
88 100
43 39.4 25.4 38.2#
58 71.9 58.5 87.7

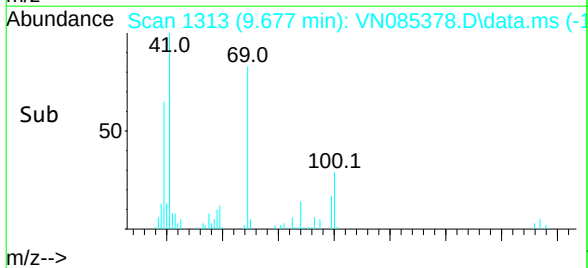
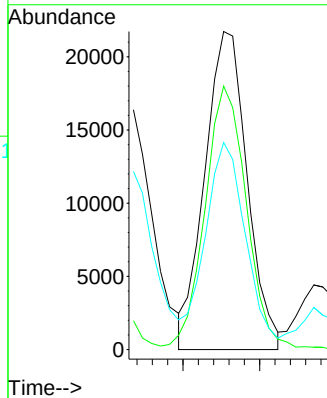
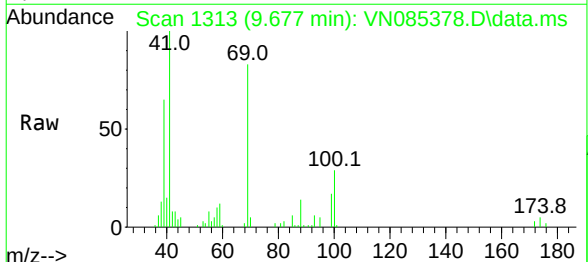
Manual Integrations
APPROVED

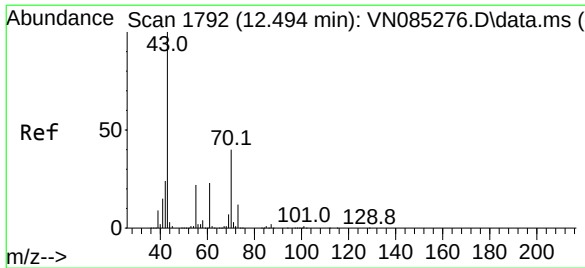
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#46
Methyl methacrylate
Concen: 17.450 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion: 41 Resp: 41690
Ion Ratio Lower Upper
41 100
69 84.2 39.9 119.6
39 65.1 31.6 95.0





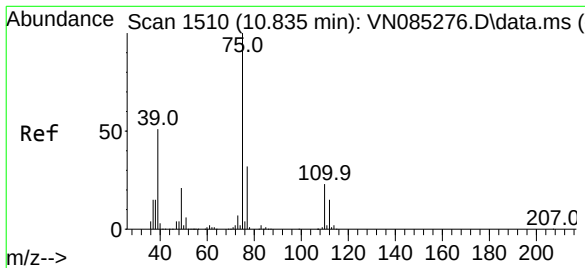
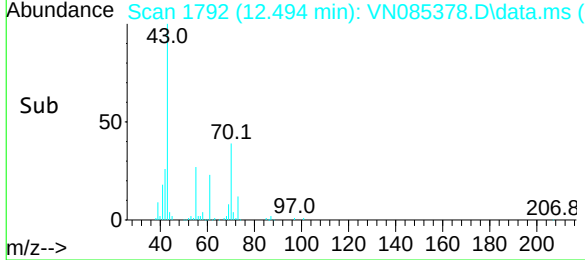
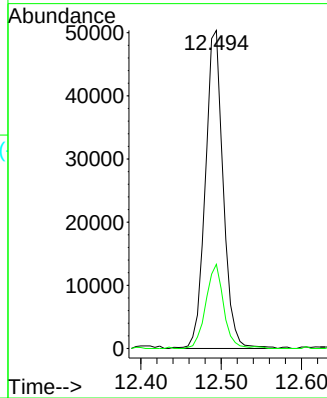
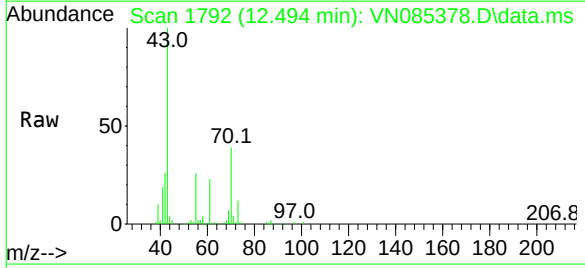
#47
n-amy1 Acetate
Concen: 17.666 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 77466
Ion Ratio Lower Upper
43 100
55 26.3 21.3 31.9

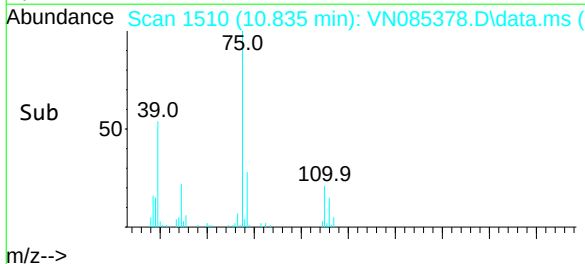
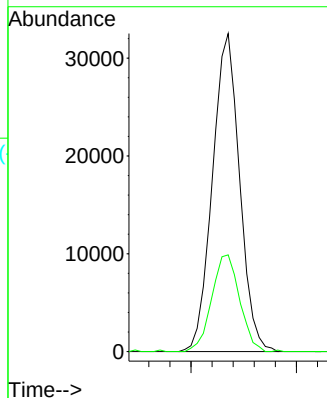
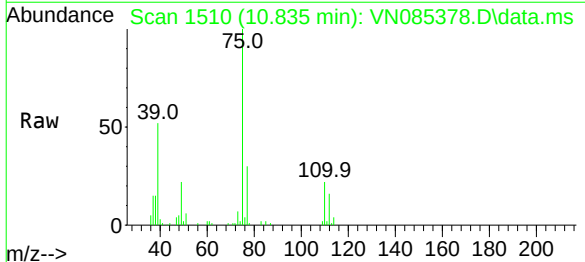
Manual Integrations
APPROVED

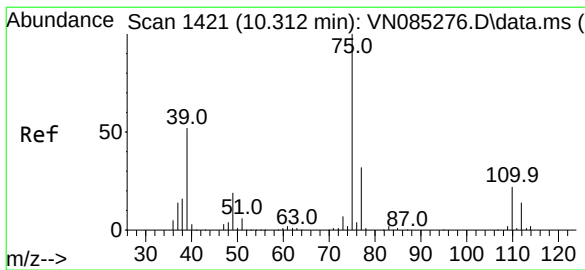
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#48
t-1,3-Dichloropropene
Concen: 17.717 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion: 75 Resp: 58205
Ion Ratio Lower Upper
75 100
77 30.4 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 17.950 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN085378.D

Acq: 02 Jan 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 63399

Ion Ratio Lower Upper

75 100

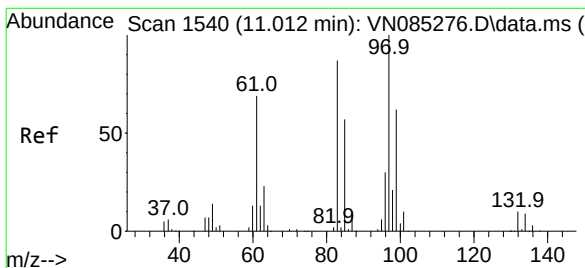
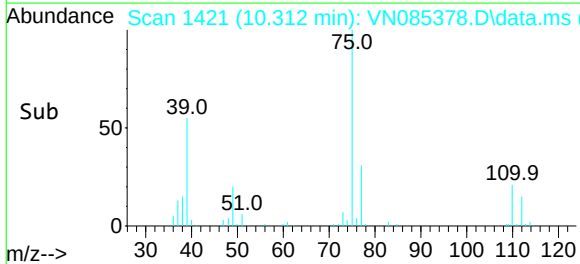
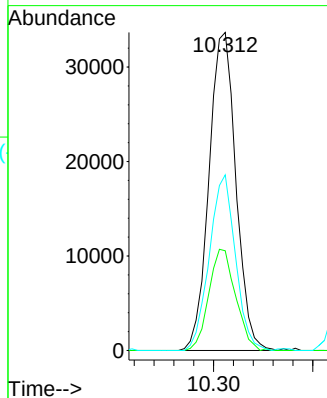
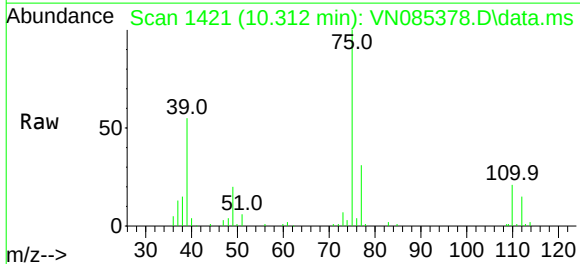
77 31.4 26.6 40.0

39 55.2 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: 17.836 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN085378.D

Acq: 02 Jan 2025 15:33

Tgt Ion: 97 Resp: 37124

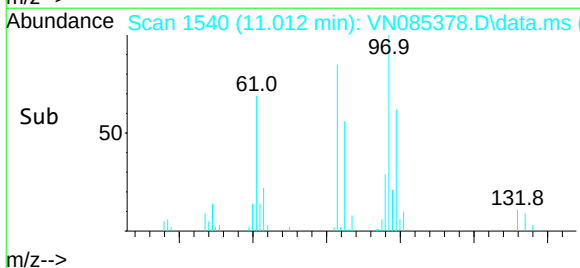
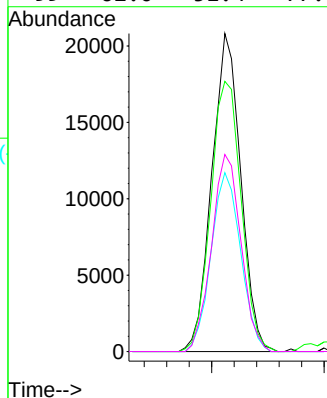
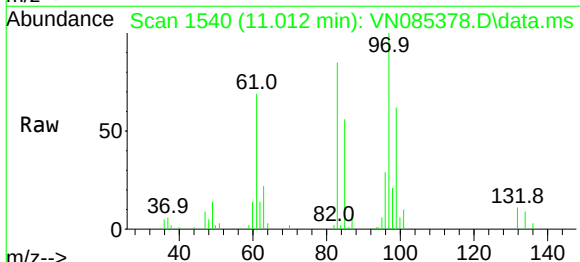
Ion Ratio Lower Upper

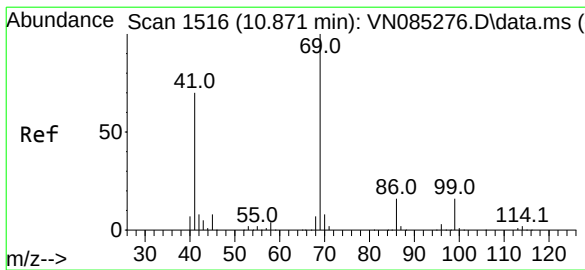
97 100

83 85.0 72.2 108.2

85 56.3 46.6 70.0

99 62.0 51.4 77.0





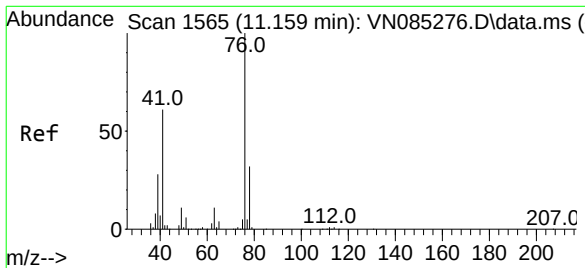
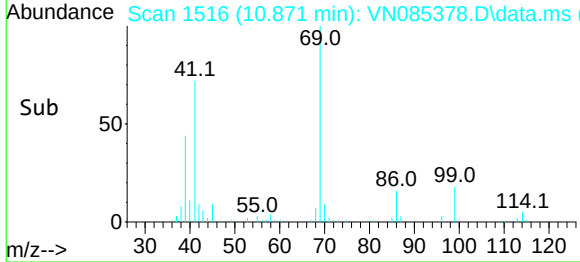
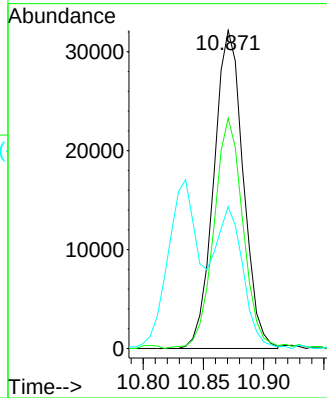
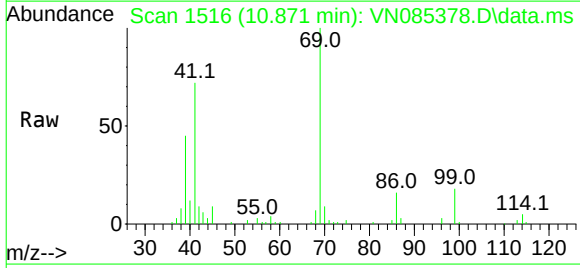
#51
Ethyl methacrylate
Concen: 17.282 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 54405
Ion Ratio Lower Upper
69 100
41 71.7 38.1 114.5
39 44.1 24.1 72.2

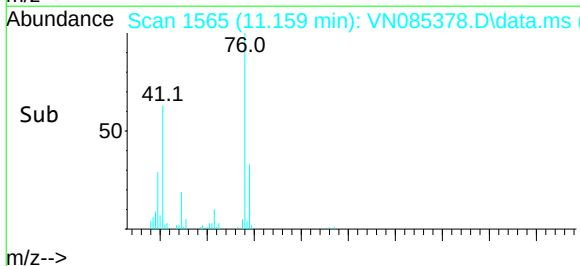
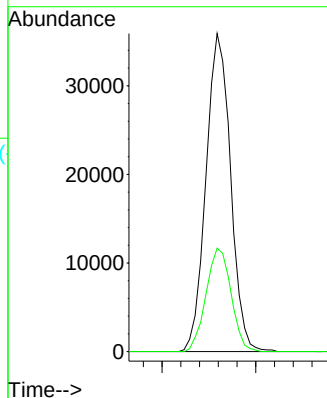
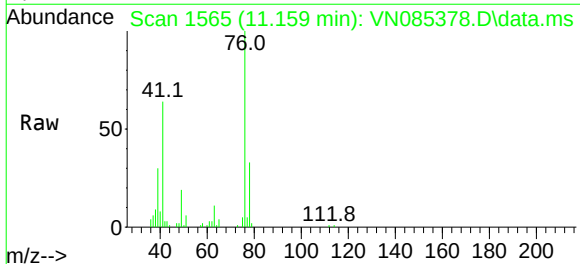
Manual Integrations
APPROVED

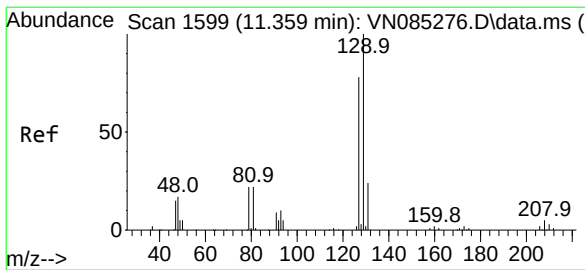
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#52
1,3-Dichloropropane
Concen: 18.008 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion: 76 Resp: 65428
Ion Ratio Lower Upper
76 100
78 33.0 0.0 66.2





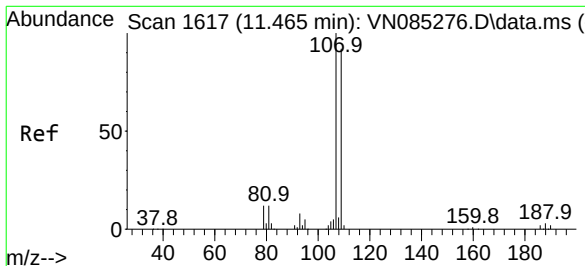
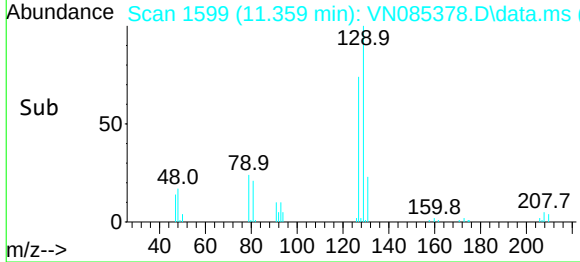
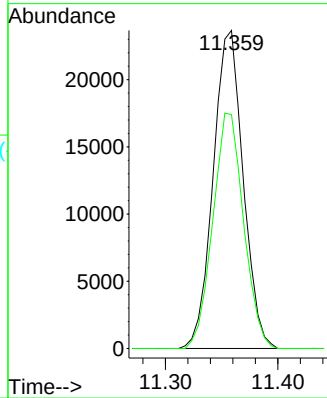
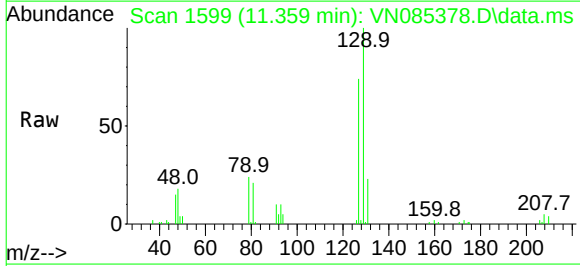
#53
Dibromochloromethane
Concen: 17.946 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 43769
Ion Ratio Lower Upper
129 100
127 75.9 38.1 114.3

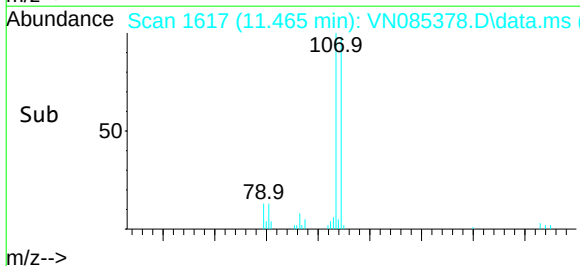
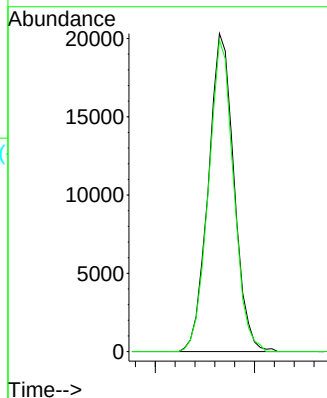
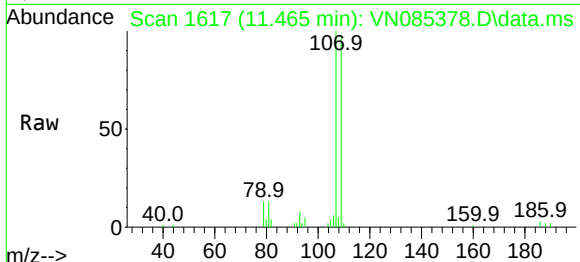
Manual Integrations
APPROVED

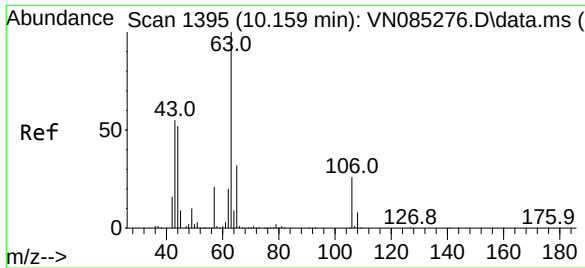
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#54
1,2-Dibromoethane
Concen: 18.171 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

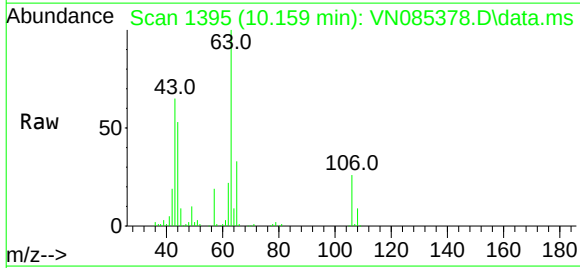
Tgt Ion:107 Resp: 36601
Ion Ratio Lower Upper
107 100
109 95.5 76.2 114.4





#55
2-Chloroethyl vinyl ether
Concen: 80.156 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

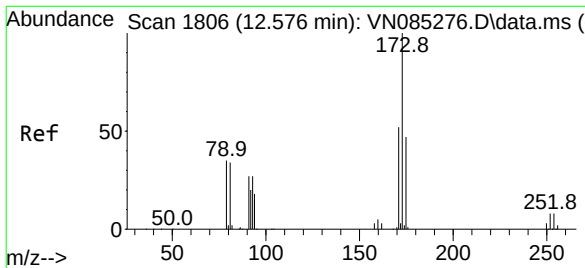
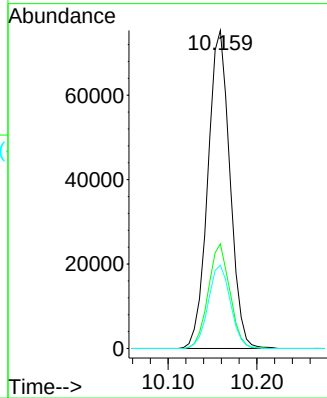
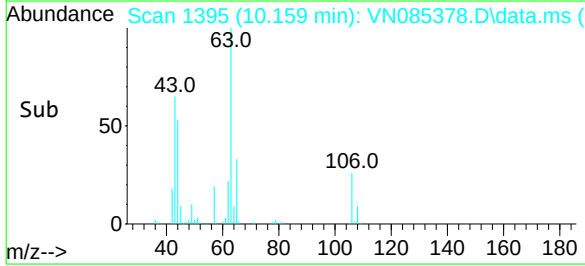
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



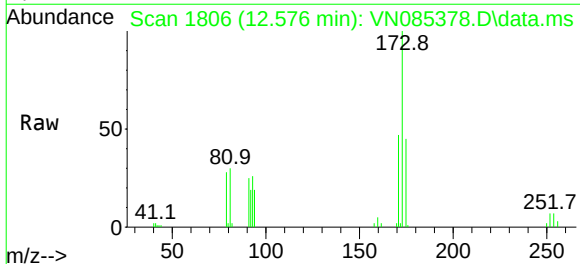
Tgt Ion: 63 Resp: 129981
Ion Ratio Lower Upper
63 100
65 32.1 25.9 38.9
106 26.5 21.2 31.8

Manual Integrations
APPROVED

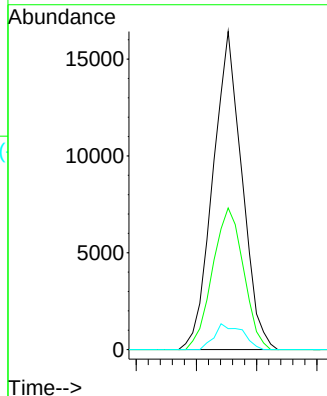
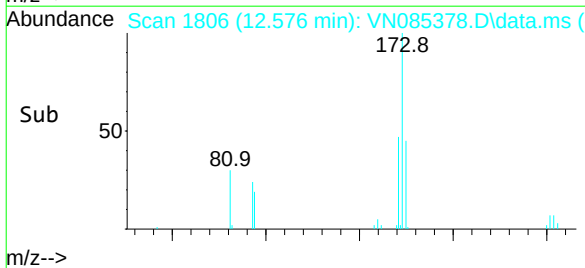
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

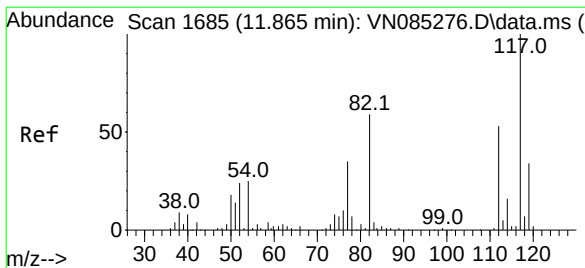


#56
Bromoform
Concen: 17.322 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33



Tgt Ion:173 Resp: 27560
Ion Ratio Lower Upper
173 100
175 47.4 39.4 59.2
254 4.3 7.2 10.8#





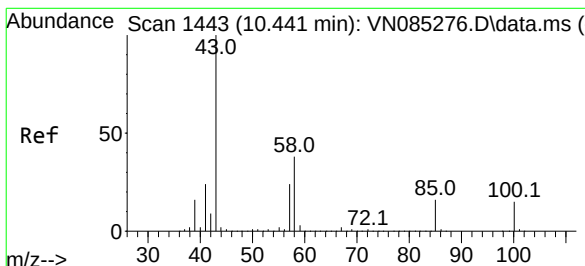
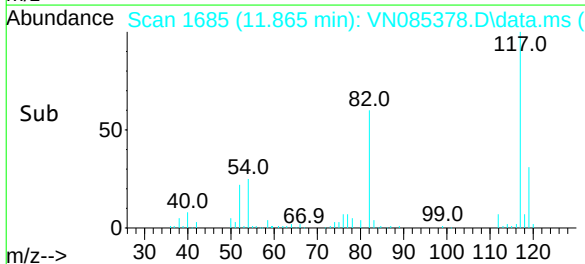
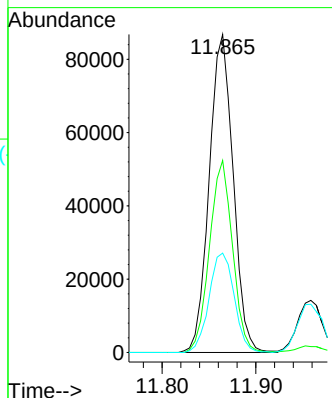
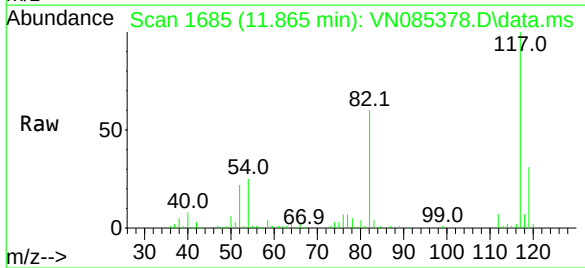
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 117 Resp: 154047
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.0
119 32.8 25.3 37.9

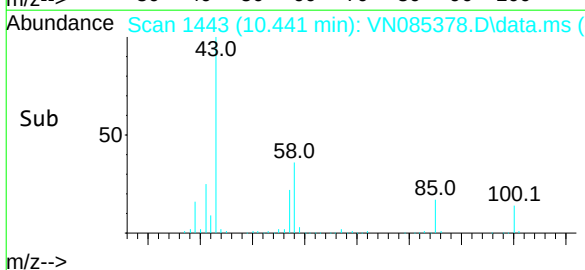
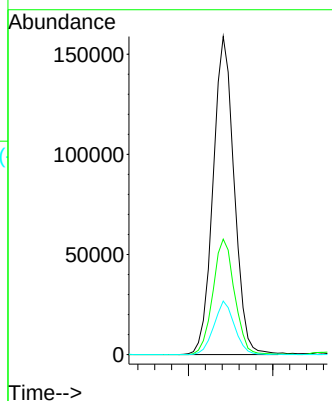
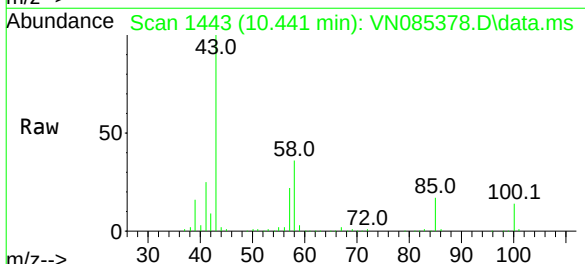
Manual Integrations
APPROVED

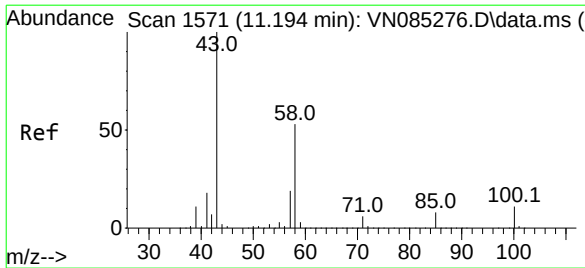
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#58
4-Methyl-2-Pentanone
Concen: 88.450 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion: 43 Resp: 276222
Ion Ratio Lower Upper
43 100
58 37.3 29.2 43.8
85 16.4 12.8 19.2





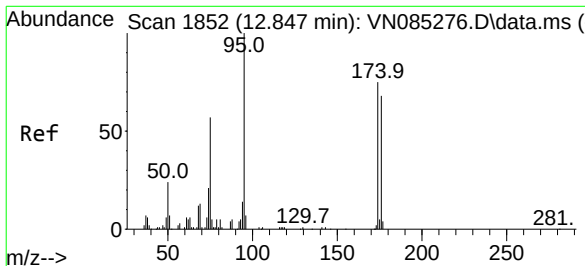
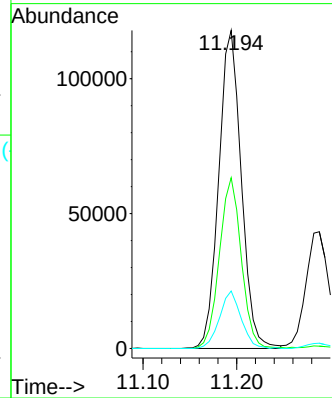
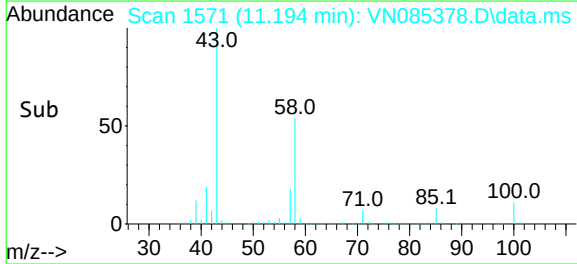
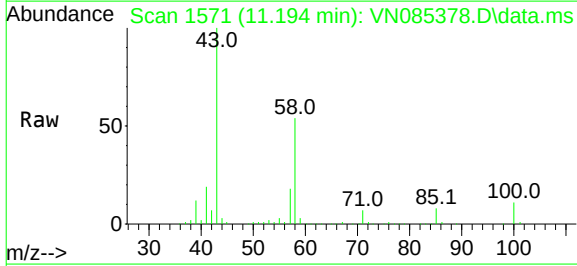
#59
2-Hexanone
Concen: 86.851 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 197036
Ion Ratio Lower Upper
43 100
58 52.1 40.2 60.4
57 17.3 14.2 21.4

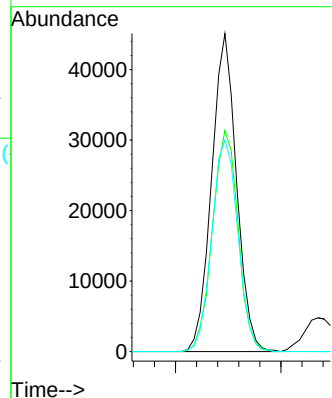
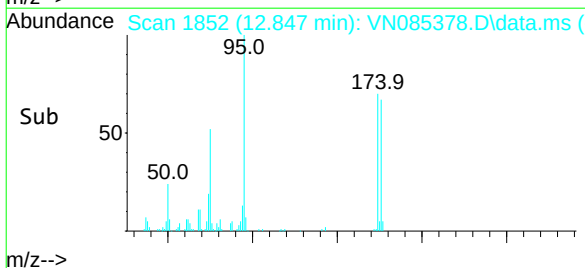
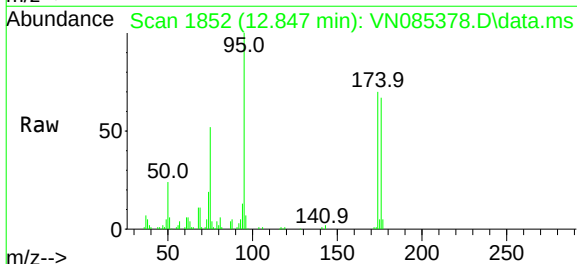
Manual Integrations
APPROVED

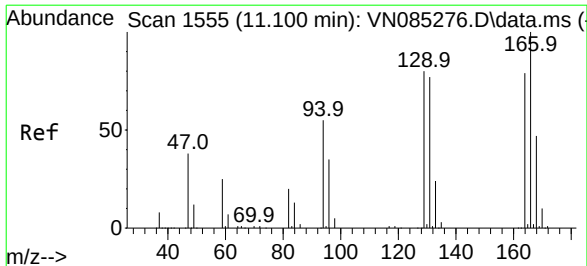
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#60
4-Bromofluorobenzene
Concen: 29.689 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

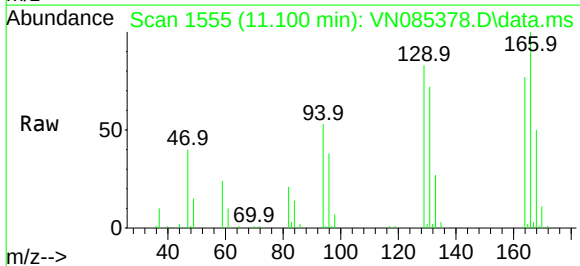
Tgt Ion: 95 Resp: 74084
Ion Ratio Lower Upper
95 100
174 71.3 57.8 86.8
176 69.6 57.1 85.7





#61
Tetrachloroethene
Concen: 18.858 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

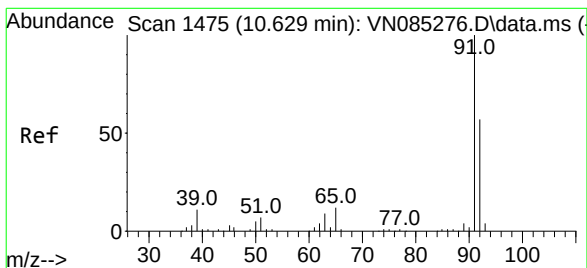
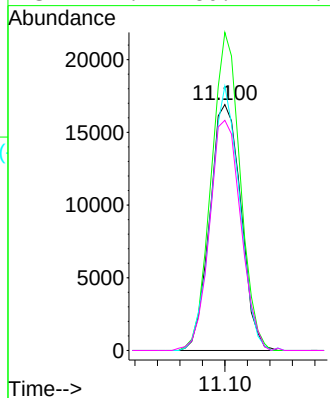
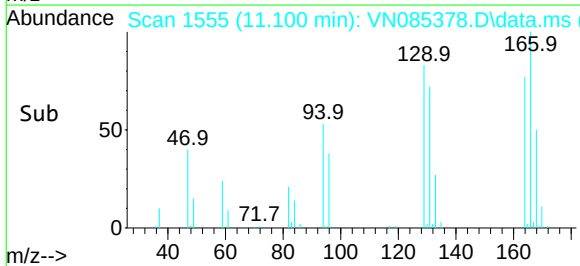
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 32430
Ion Ratio Lower Upper
164 100
166 129.3 109.0 163.4
129 107.5 85.1 127.7
131 92.7 80.7 121.1

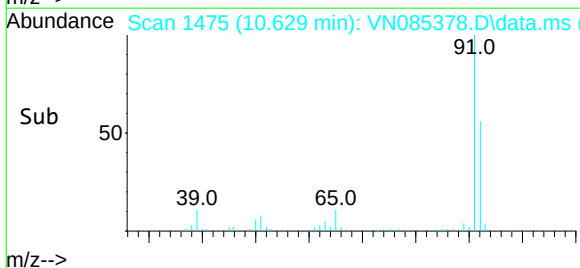
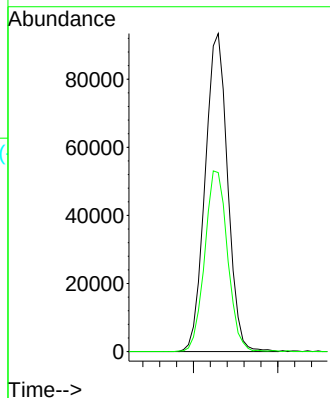
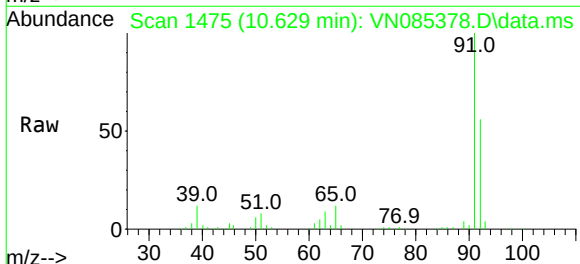
Manual Integrations
APPROVED

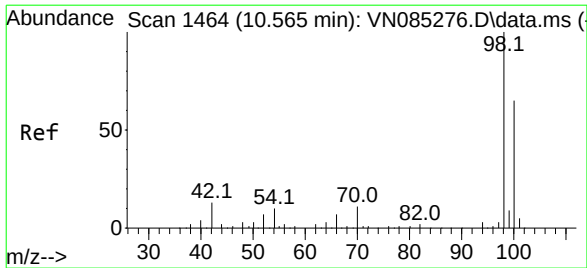
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#62
Toluene
Concen: 18.291 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion: 91 Resp: 173103
Ion Ratio Lower Upper
91 100
92 57.5 45.9 68.9





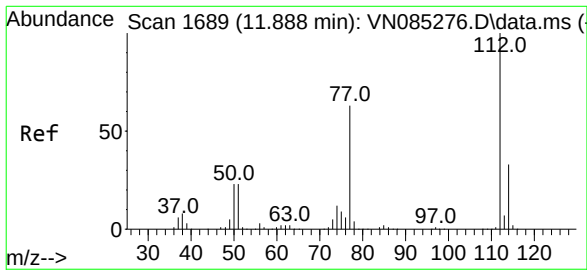
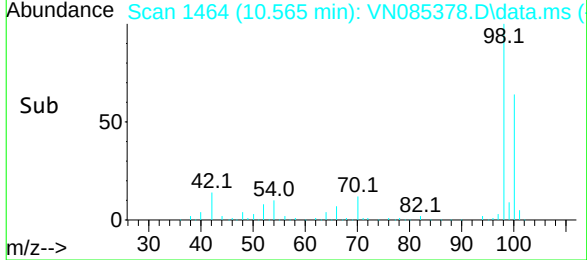
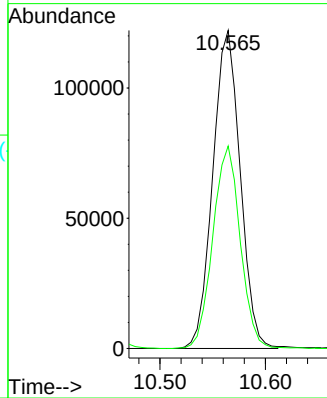
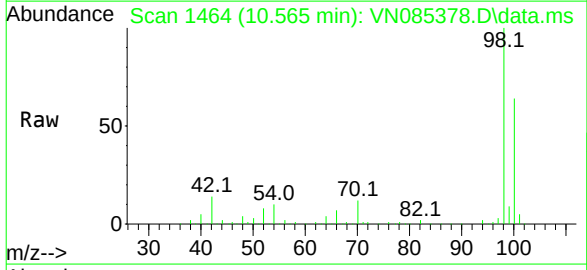
#63
Toluene-d8
Concen: 29.311 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 220482
Ion Ratio Lower Upper
98 100
100 63.5 50.8 76.2

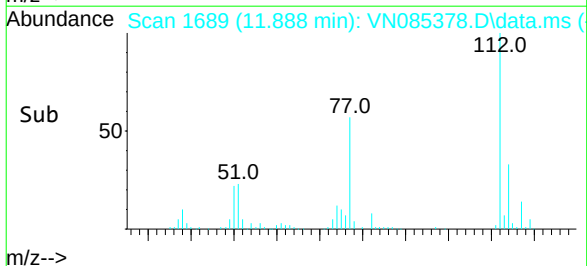
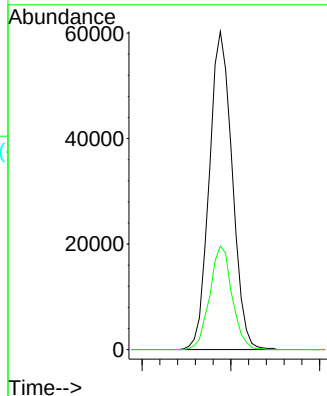
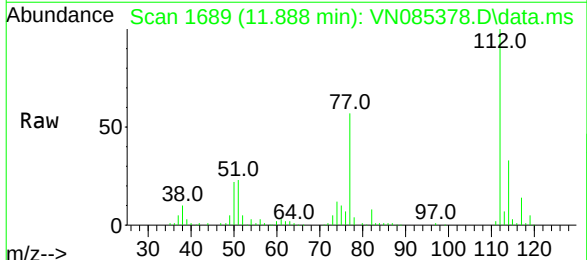
Manual Integrations
APPROVED

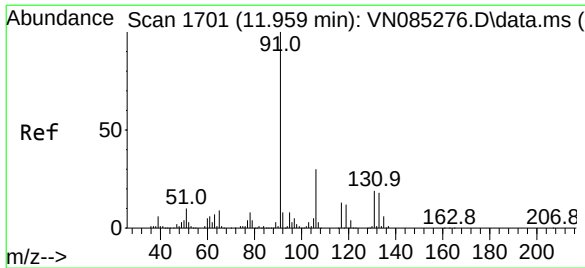
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#64
Chlorobenzene
Concen: 18.944 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

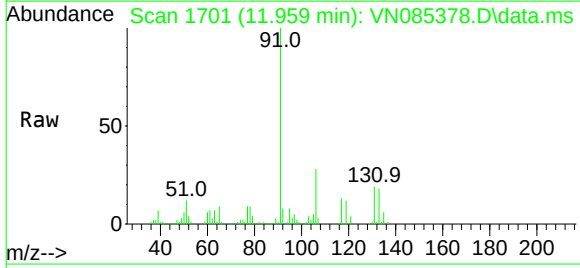
Tgt Ion:112 Resp: 108132
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6





#65
1,1,1,2-Tetrachloroethane
Concen: 18.062 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

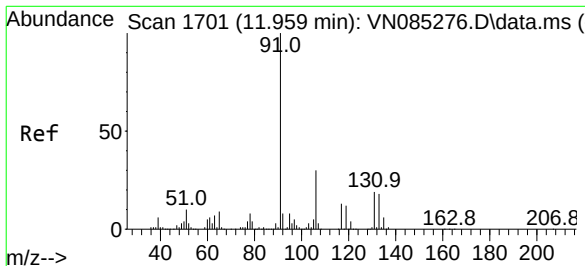
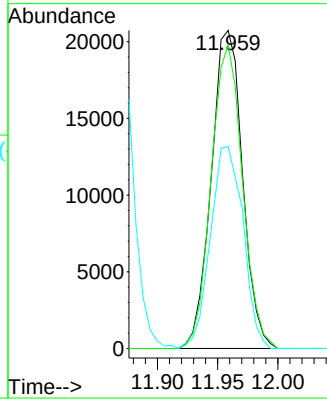
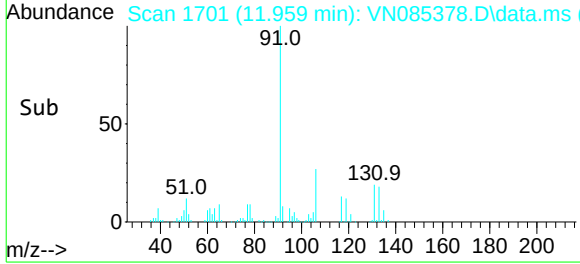
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



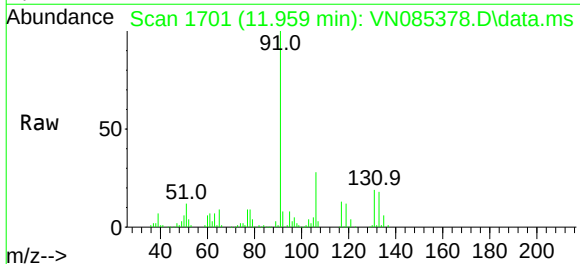
Tgt Ion: 131 Resp: 37389
Ion Ratio Lower Upper
131 100
133 95.6 0.0 189.4
119 66.2 0.0 135.0

Manual Integrations
APPROVED

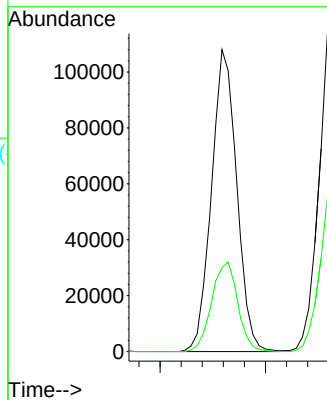
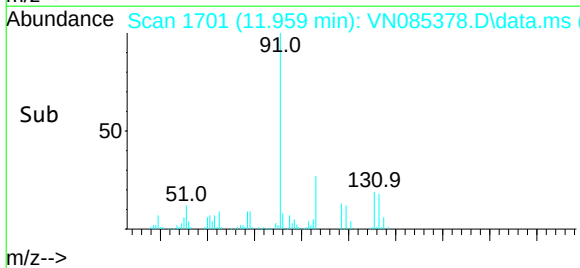
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

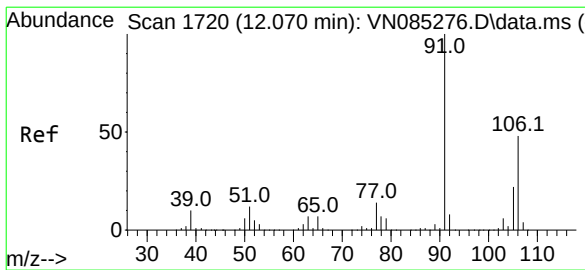


#66
Ethyl Benzene
Concen: 18.074 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33



Tgt Ion: 91 Resp: 179985
Ion Ratio Lower Upper
91 100
106 27.8 23.2 34.8





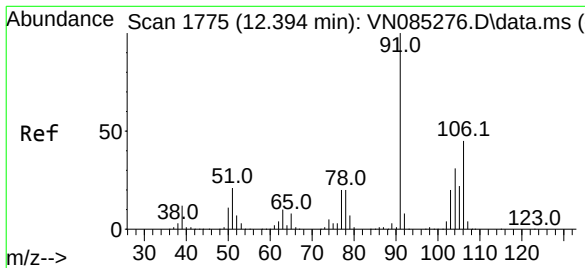
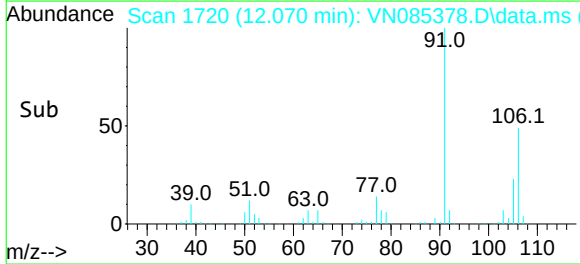
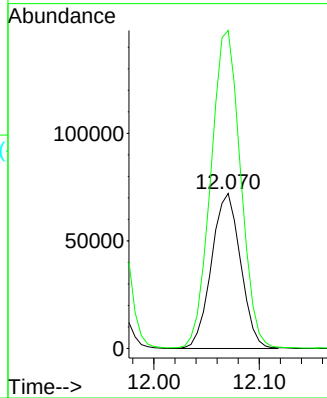
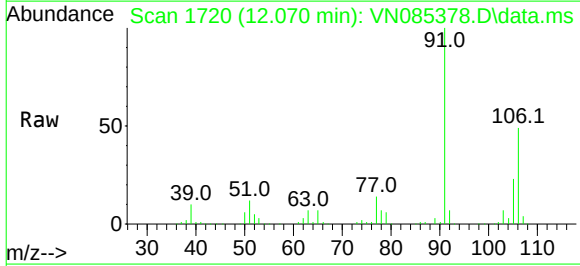
#67
m/p-Xylenes
Concen: 36.986 ug/l
RT: 12.070 min Scan# 1718
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 138178
Ion Ratio Lower Upper
106 100
91 210.2 167.0 250.4

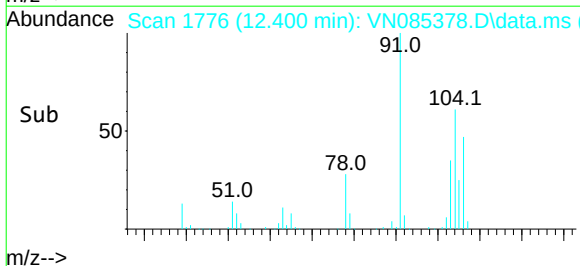
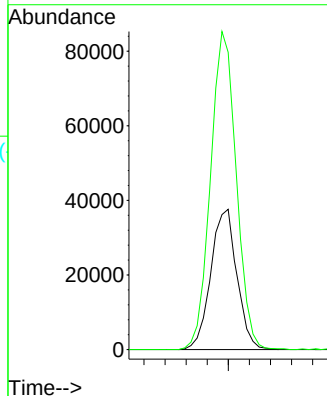
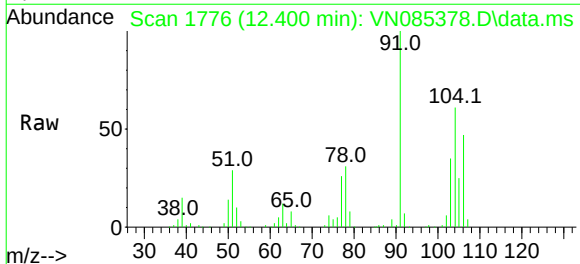
Manual Integrations
APPROVED

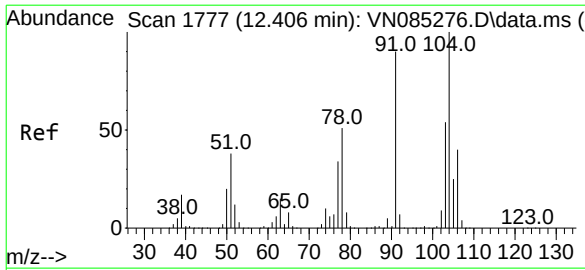
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#68
o-Xylene
Concen: 18.197 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion:106 Resp: 64755
Ion Ratio Lower Upper
106 100
91 223.3 110.6 331.8





#69

Styrene

Concen: 18.293 ug/l

RT: 12.412 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN085378.D

Acq: 02 Jan 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:104 Resp: 110016

Ion Ratio Lower Upper

104 100

78 51.9 41.0 61.4

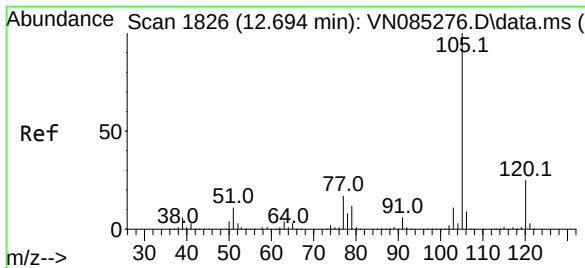
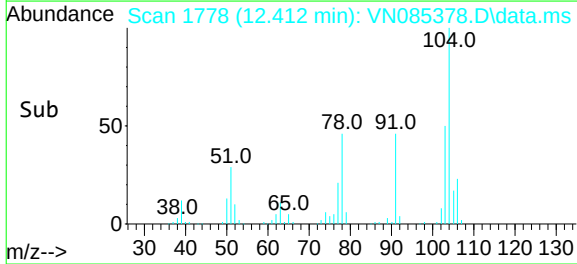
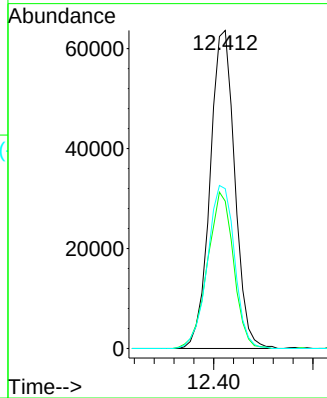
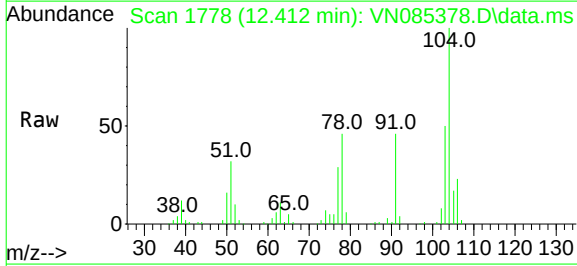
103 56.2 44.8 67.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025

Supervised By :Semsettin Yesilyurt 01/03/2025



#70

Isopropylbenzene

Concen: 18.729 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085378.D

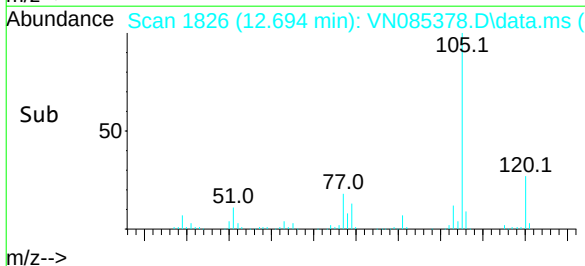
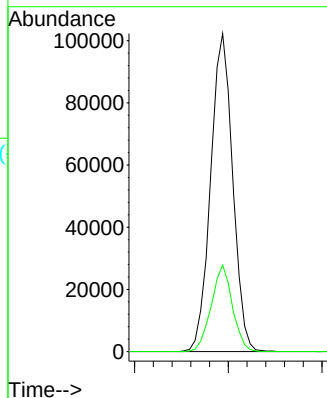
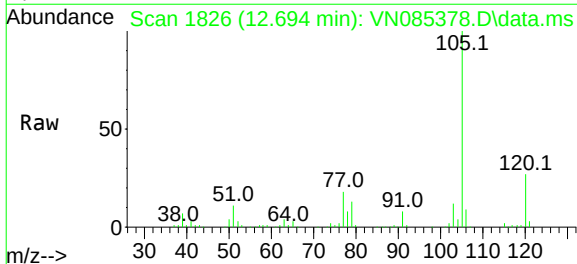
Acq: 02 Jan 2025 15:33

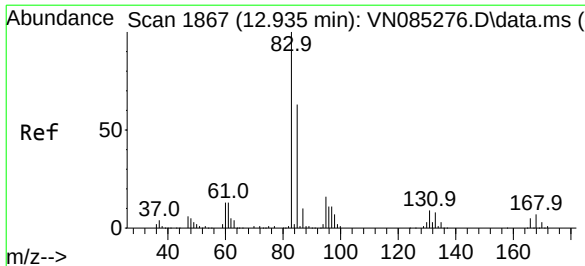
Tgt Ion:105 Resp: 167349

Ion Ratio Lower Upper

105 100

120 26.0 18.4 34.2





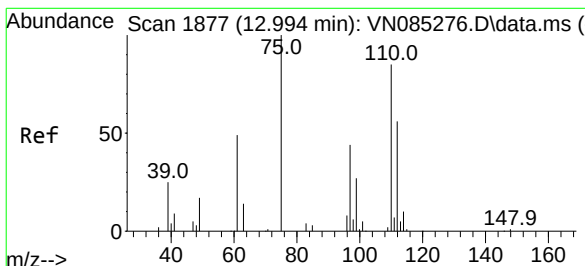
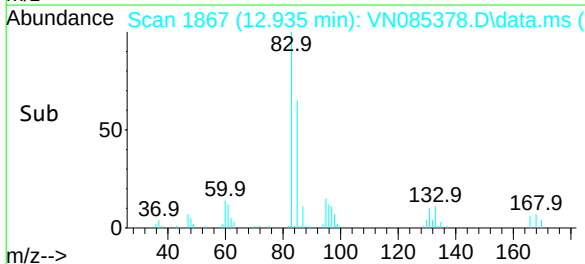
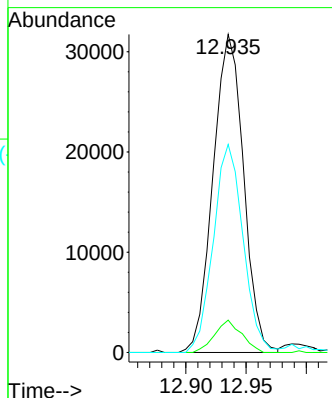
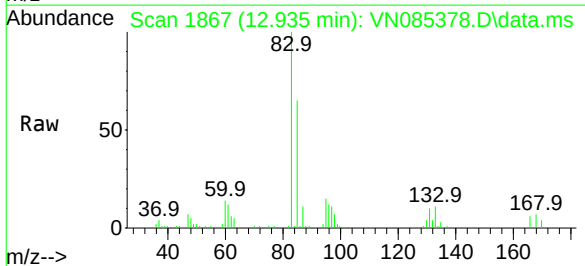
#71
1,1,2,2-Tetrachloroethane
Concen: 17.622 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	83	Resp	55846
Ion	Ratio	Lower	Upper
83	100		
131	9.0	5.0	15.0
85	63.9	33.0	98.9

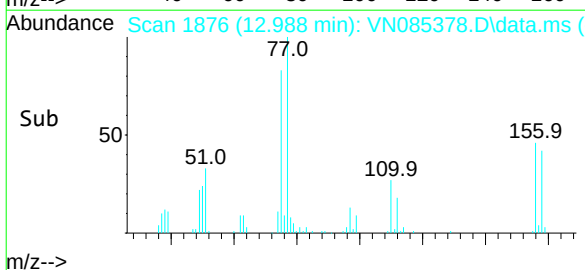
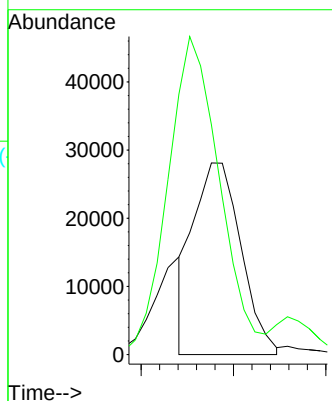
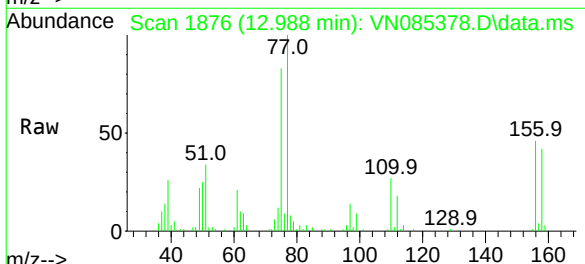
Manual Integrations
APPROVED

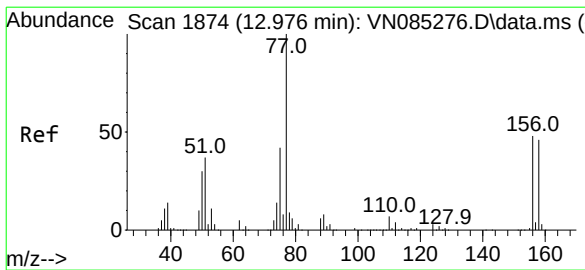
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#72
1,2,3-Trichloropropane
Concen: 18.637 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion	75	Resp	50269
Ion	Ratio	Lower	Upper
75	100		
77	181.4	0.0	407.2





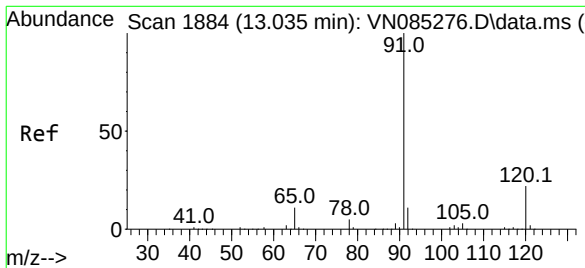
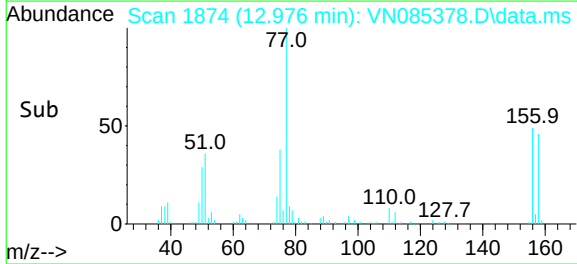
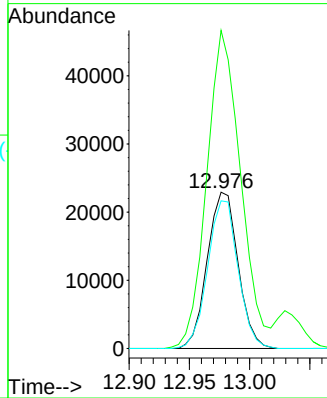
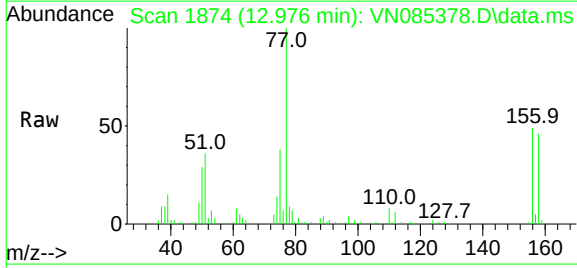
#73
Bromobenzene
Concen: 18.440 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 156 Resp: 40706
Ion Ratio Lower Upper
156 100
77 224.0 0.0 462.6
158 93.6 0.0 186.4

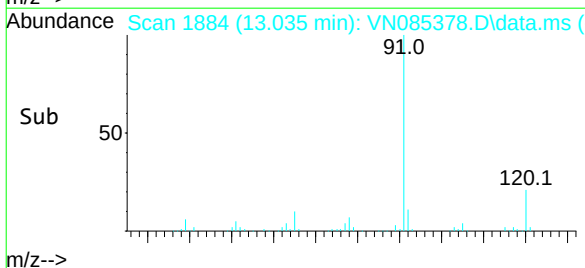
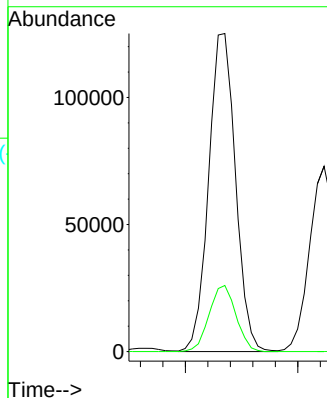
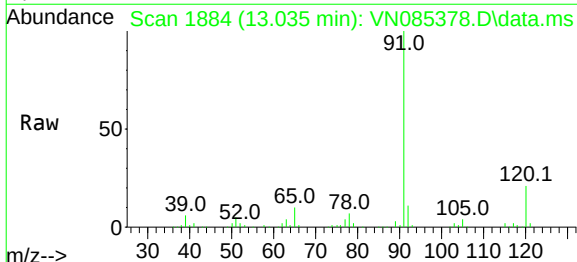
Manual Integrations
APPROVED

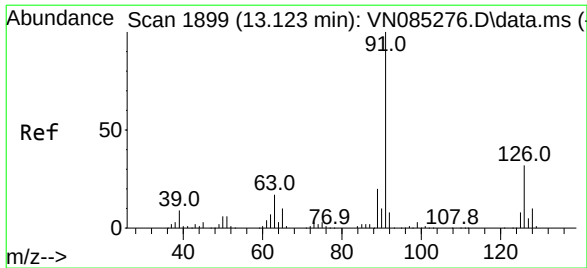
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#74
n-propylbenzene
Concen: 18.666 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion: 91 Resp: 207791
Ion Ratio Lower Upper
91 100
120 20.7 0.0 41.4





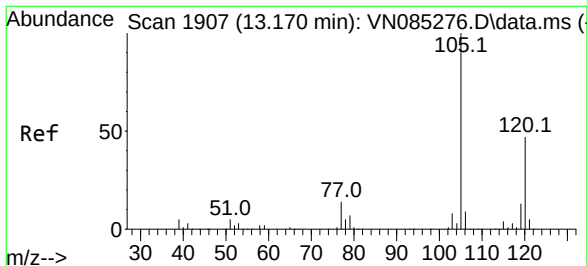
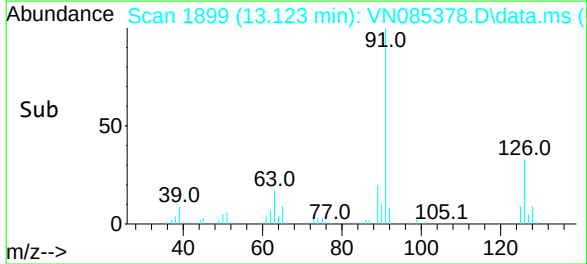
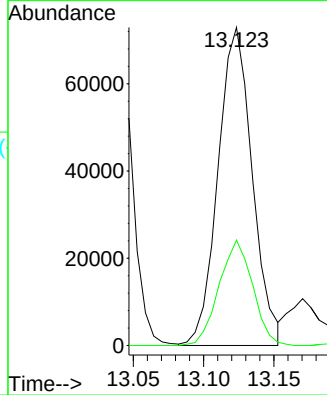
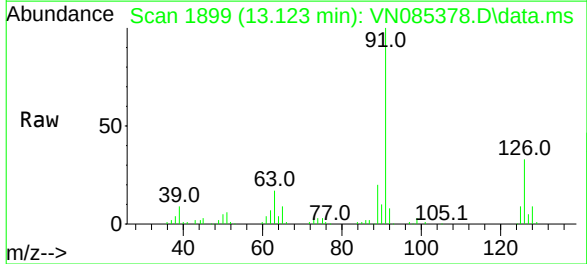
#75
2-Chlorotoluene
Concen: 18.432 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 123605
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.0

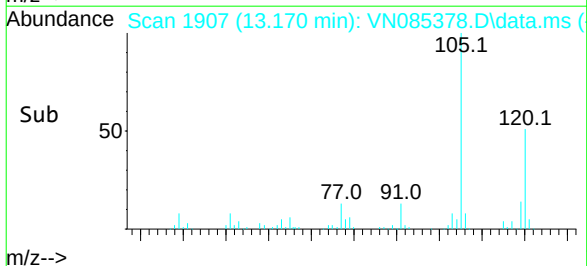
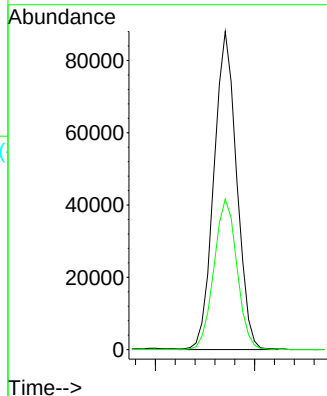
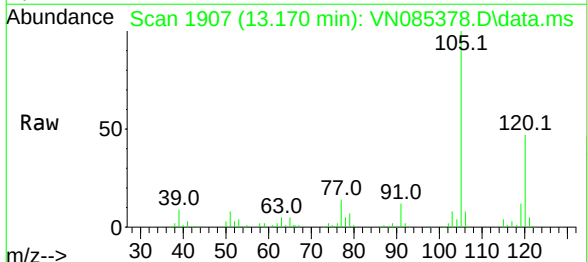
Manual Integrations
APPROVED

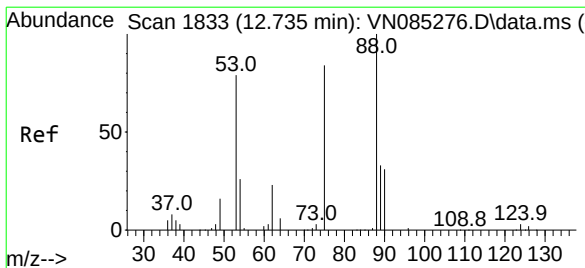
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.385 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

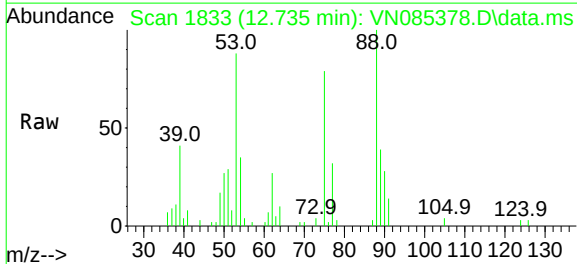
Tgt Ion:105 Resp: 140178
Ion Ratio Lower Upper
105 100
120 47.7 0.0 95.0





#77
t-1,4-Dichloro-2-butene
Concen: 12.572 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

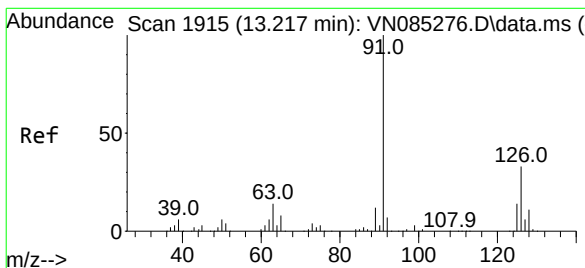
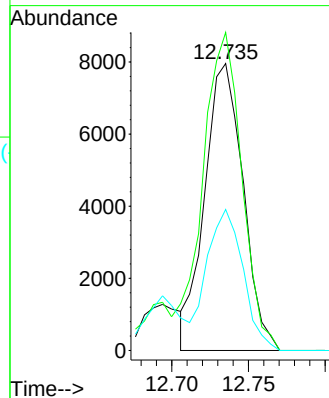
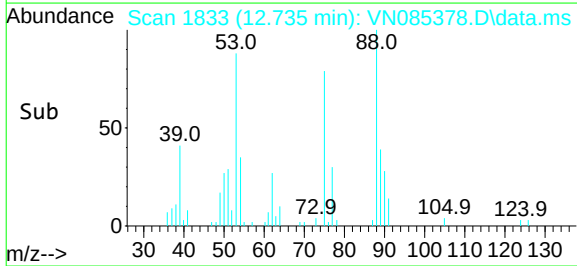
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 13859
Ion Ratio Lower Upper
75 100
53 110.8 54.9 164.5
89 49.1 22.8 68.3

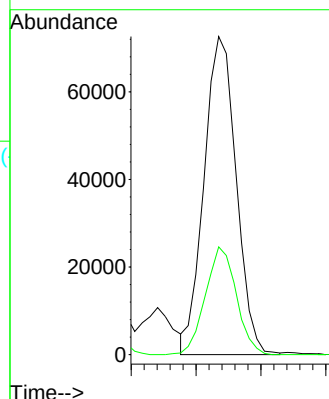
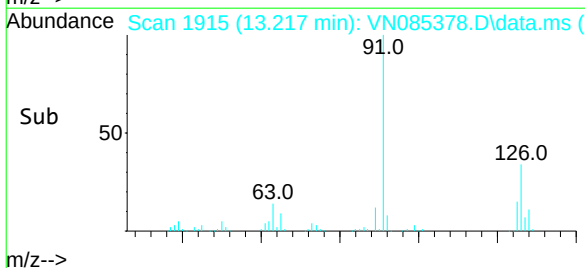
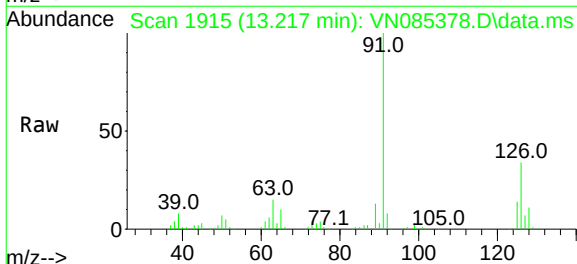
Manual Integrations
APPROVED

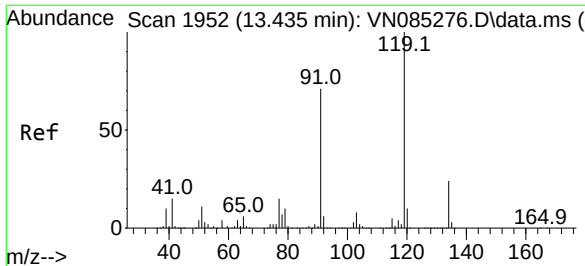
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#78
4-Chlorotoluene
Concen: 18.358 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion: 91 Resp: 125174
Ion Ratio Lower Upper
91 100
126 32.5 0.0 63.6





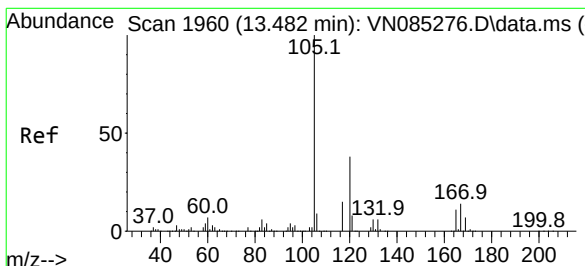
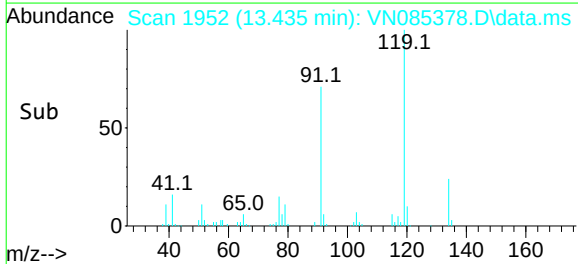
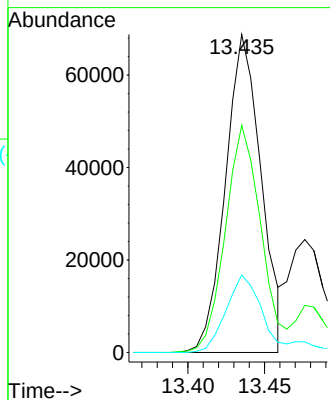
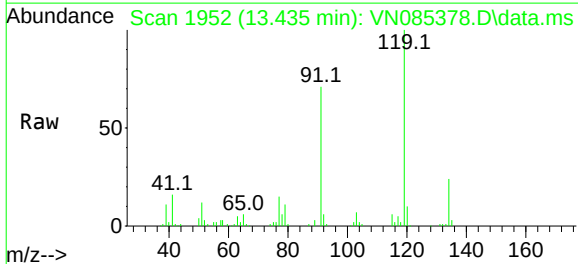
#79
tert-butylbenzene
Concen: 17.857 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	119	Resp	111344
Ion	Ratio	Lower	Upper
119	100		
91	71.6	0.0	142.0
134	24.1	0.0	49.0

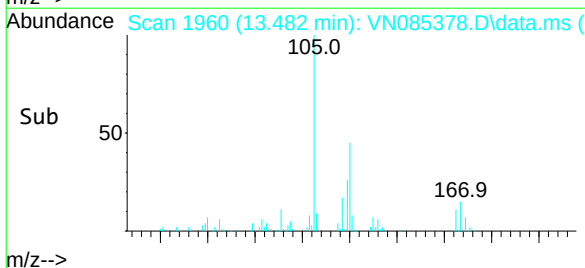
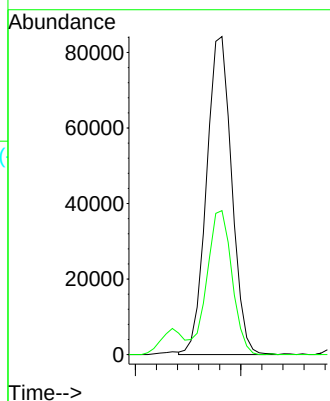
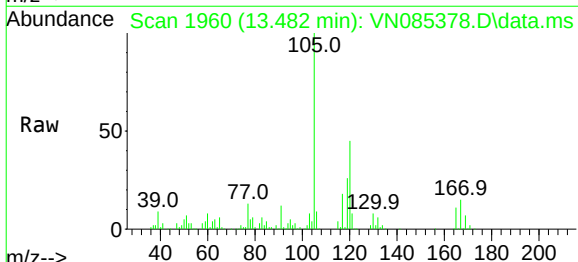
Manual Integrations
APPROVED

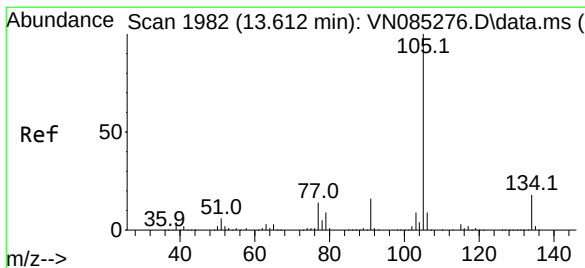
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.453 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion	105	Resp	140041
Ion	Ratio	Lower	Upper
105	100		
120	45.3	0.0	89.8





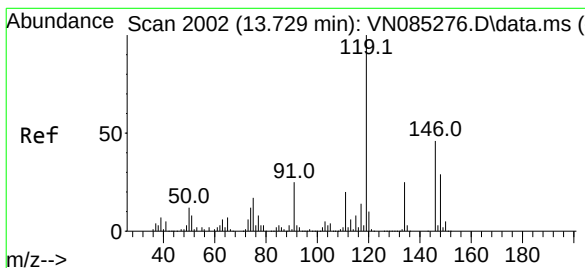
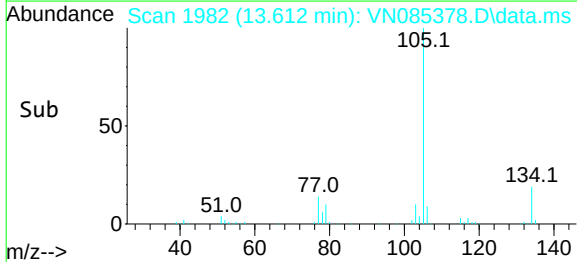
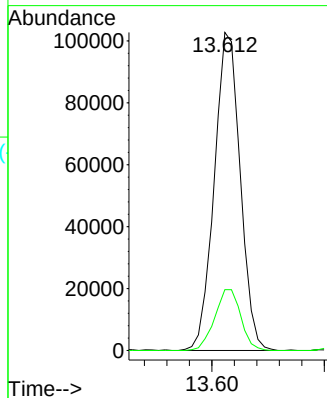
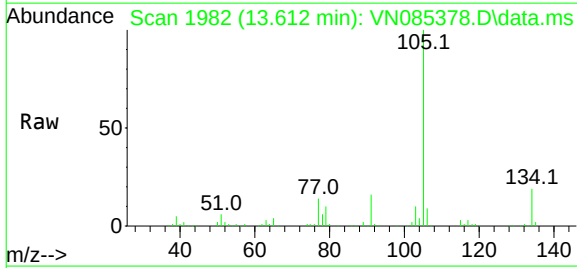
#81
sec-Butylbenzene
Concen: 18.298 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:105 Resp: 164717
Ion Ratio Lower Upper
105 100
134 19.3 0.0 39.8

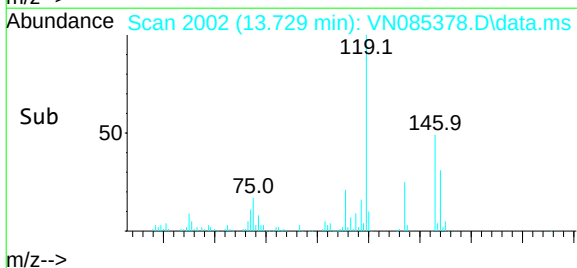
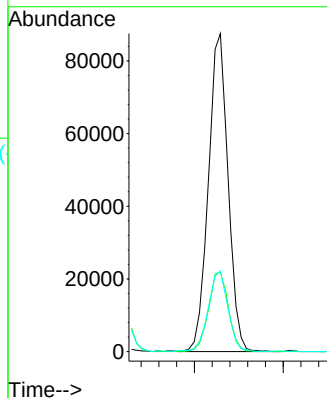
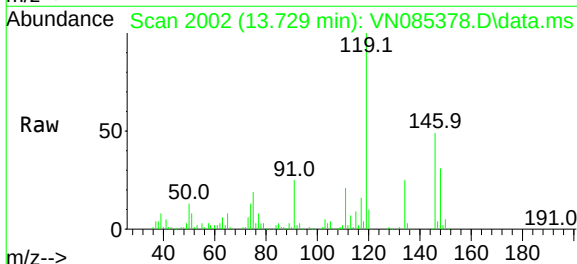
Manual Integrations
APPROVED

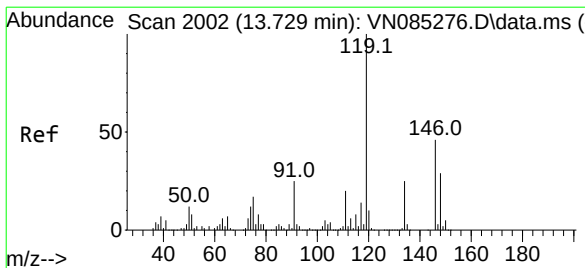
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#82
p-Isopropyltoluene
Concen: 18.150 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion:119 Resp: 134563
Ion Ratio Lower Upper
119 100
134 25.3 0.0 51.4
91 25.4 0.0 51.4





#83

1,3-Dichlorobenzene

Concen: 17.869 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085378.D

Acq: 02 Jan 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

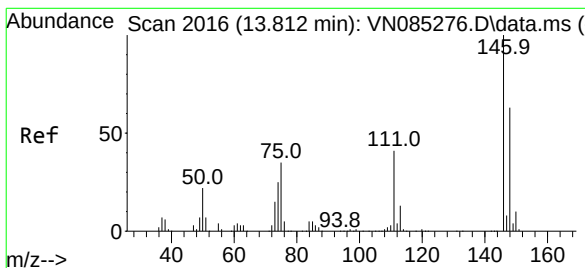
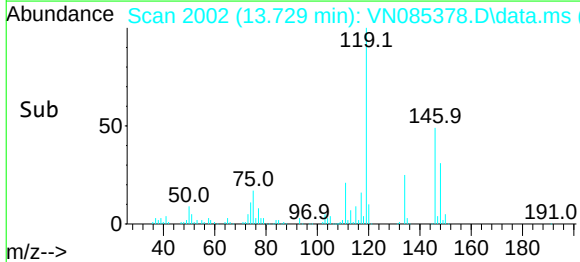
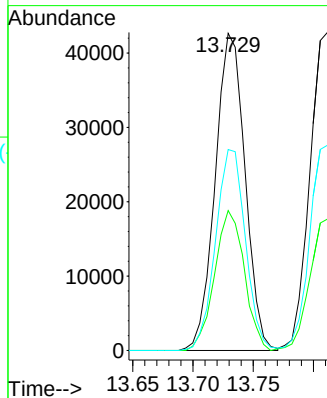
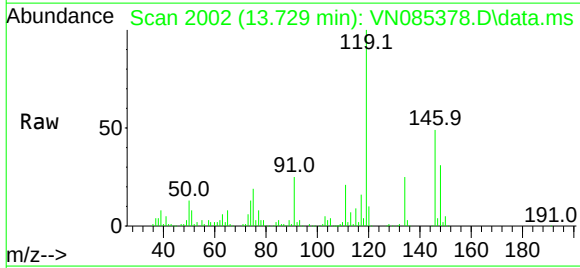
VSTDC020EC

Tgt Ion:	146	Resp:	73566
Ion	Ratio	Lower	Upper
146	100		
111	43.9	20.4	61.3
148	63.4	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: 18.560 ug/l

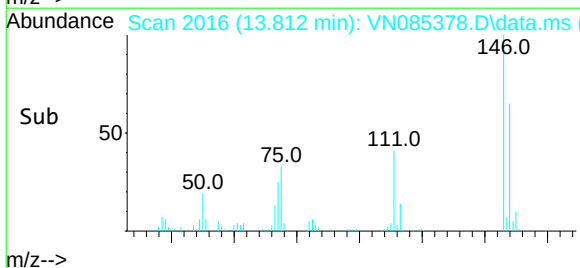
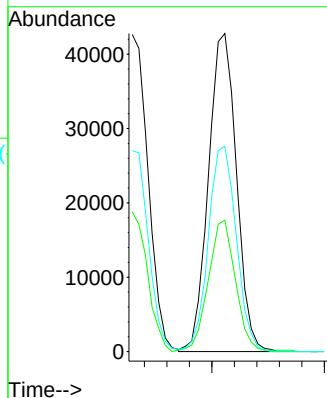
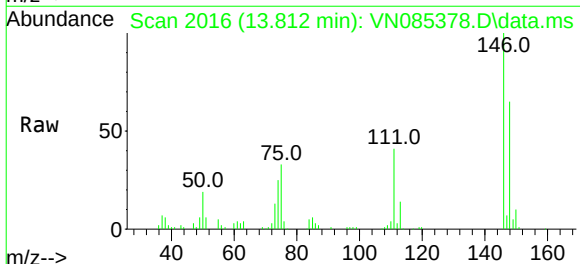
RT: 13.812 min Scan# 2016

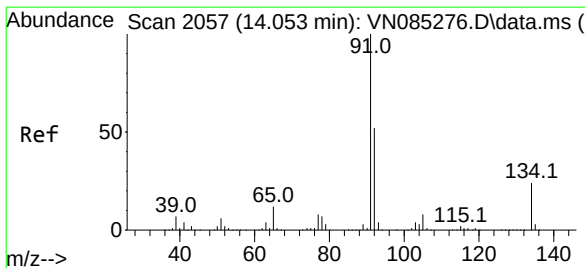
Delta R.T. 0.000 min

Lab File: VN085378.D

Acq: 02 Jan 2025 15:33

Tgt Ion:	146	Resp:	73922
Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.7	62.1
148	64.6	33.2	99.6





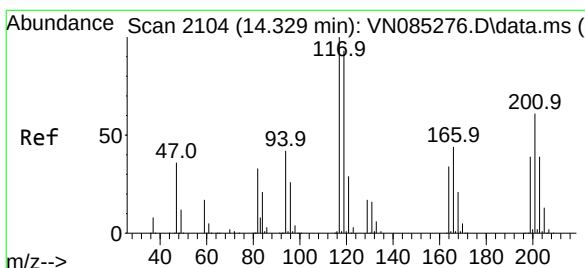
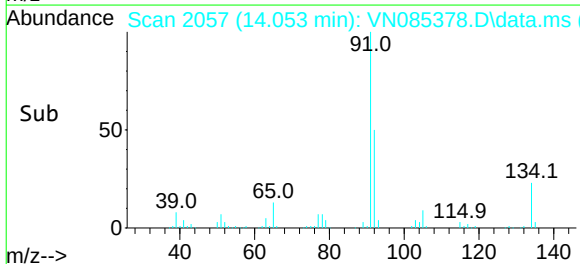
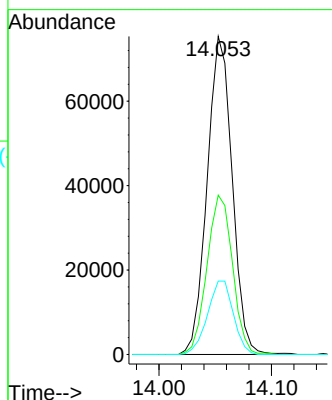
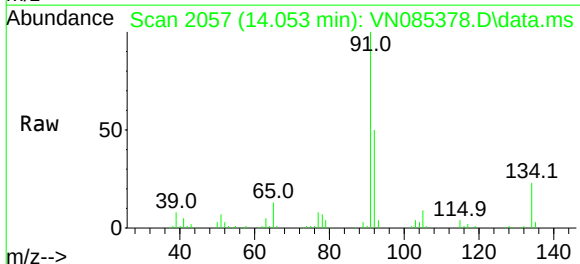
#85
n-Butylbenzene
Concen: 18.218 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 116605
Ion Ratio Lower Upper
91 100
92 51.0 0.0 102.0
134 23.9 0.0 46.4

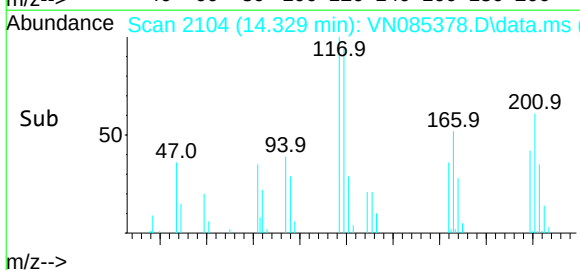
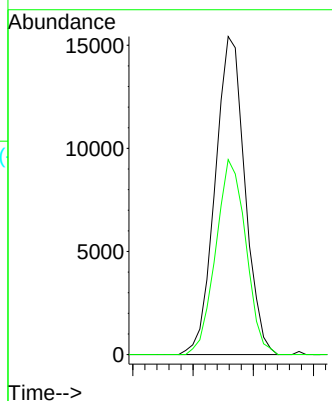
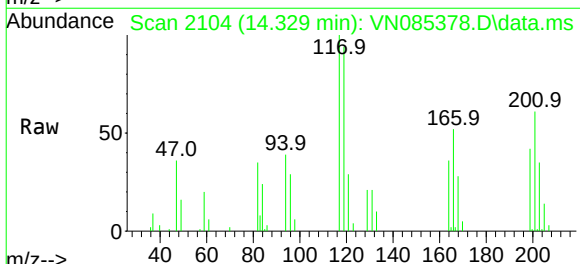
Manual Integrations
APPROVED

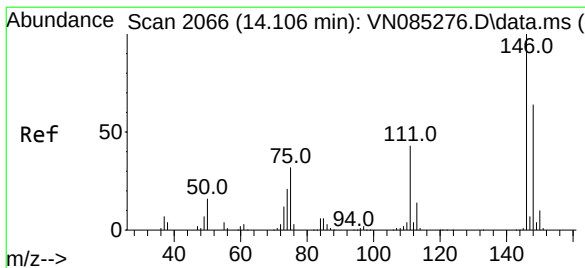
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#86
Hexachloroethane
Concen: 16.637 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

Tgt Ion:117 Resp: 26479
Ion Ratio Lower Upper
117 100
201 62.0 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 18.158 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN085378.D

Acq: 02 Jan 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

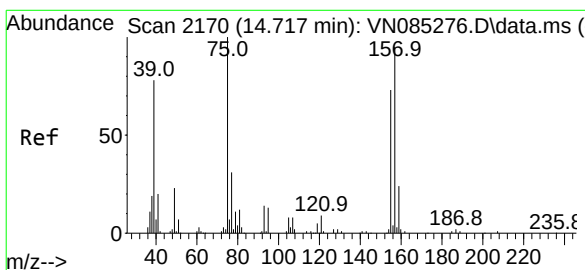
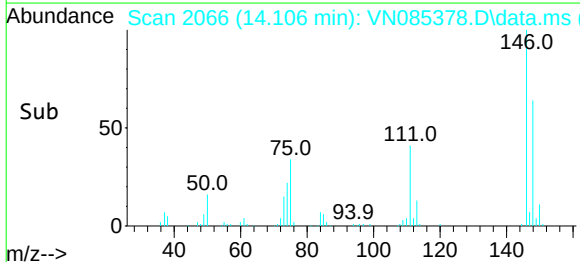
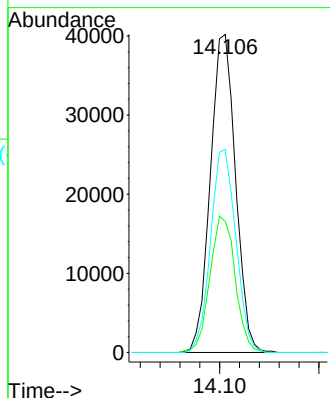
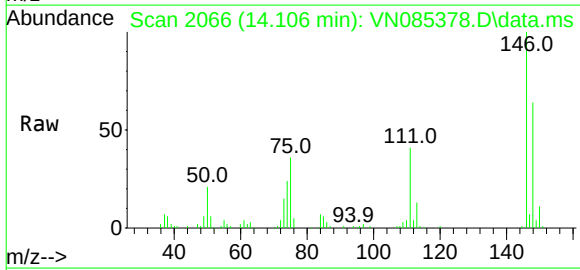
VSTDCCC020EC

Tgt Ion:	146	Resp:	71021
Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.1	66.3
148	64.1	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: 16.690 ug/l

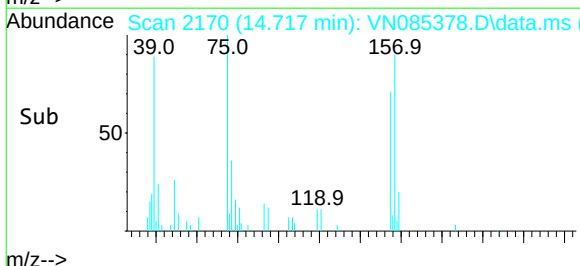
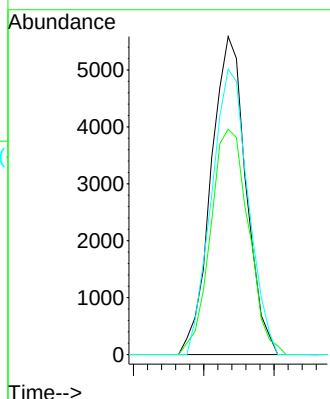
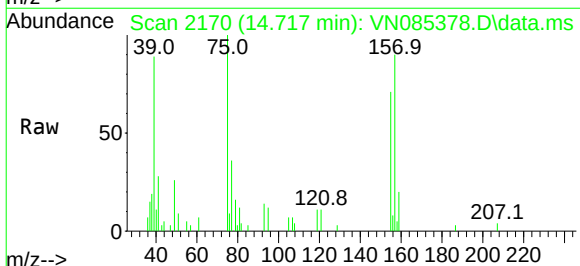
RT: 14.717 min Scan# 2170

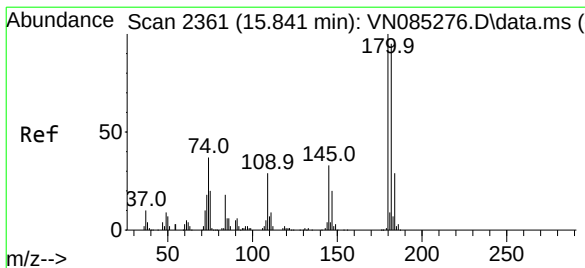
Delta R.T. 0.000 min

Lab File: VN085378.D

Acq: 02 Jan 2025 15:33

Tgt Ion:	75	Resp:	9656
Ion	Ratio	Lower	Upper
75	100		
155	76.9	53.4	80.0
157	94.0	74.2	111.4





#89

1,2,4-Trichlorobenzene

Concen: 18.904 ug/l

RT: 15.835 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN085378.D

Acq: 02 Jan 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

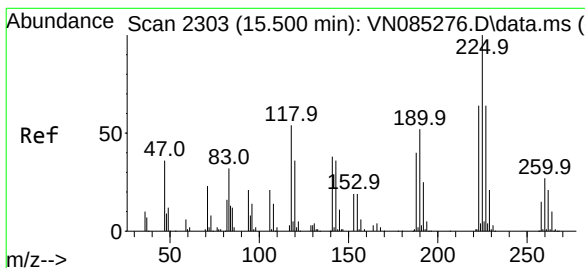
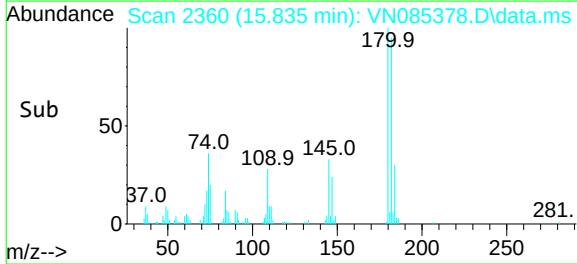
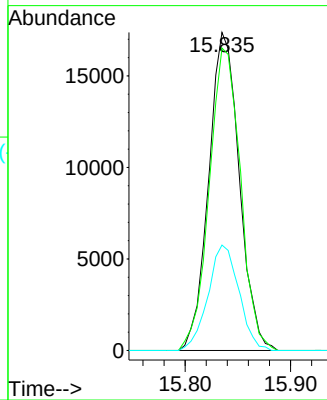
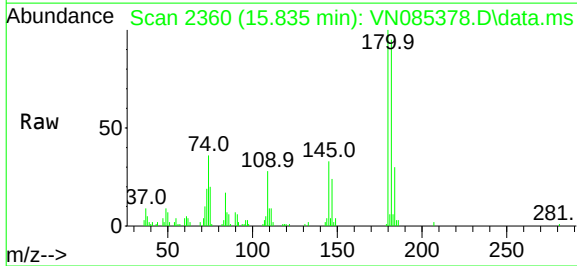
VSTDCCC020EC

Tgt Ion:	180	Resp:	35028
Ion Ratio	Lower	Upper	
180	100		
182	96.9	76.5	114.7
145	33.5	27.4	41.2

Manual Integrations

APPROVED

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



#90

Hexachlorobutadiene

Concen: 17.552 ug/l

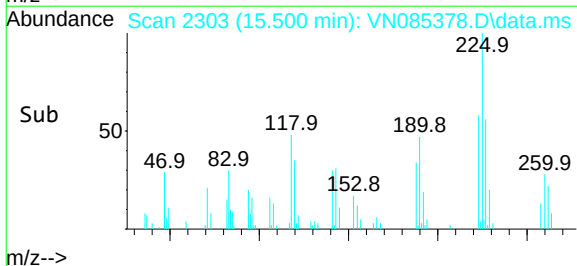
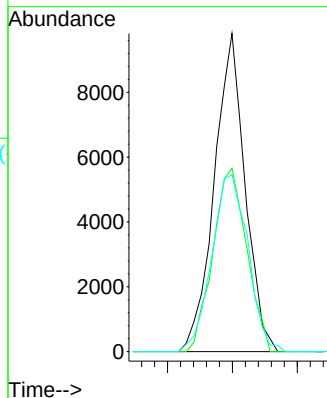
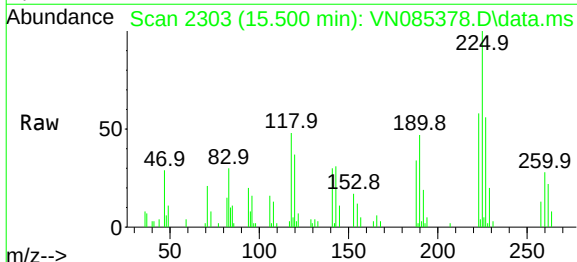
RT: 15.500 min Scan# 2303

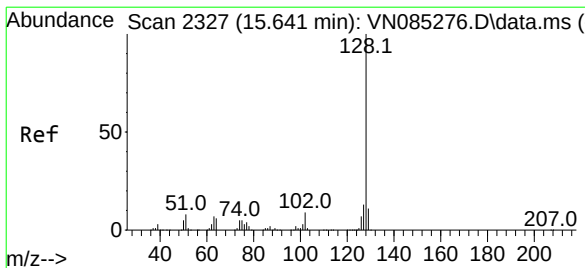
Delta R.T. 0.000 min

Lab File: VN085378.D

Acq: 02 Jan 2025 15:33

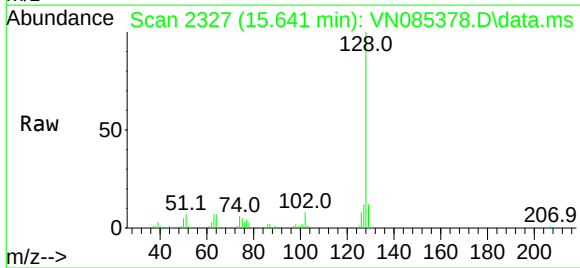
Tgt Ion:	225	Resp:	16212
Ion Ratio	Lower	Upper	
225	100		
223	63.2	0.0	116.2
227	65.1	0.0	116.4





#91
Naphthalene
Concen: 17.608 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33

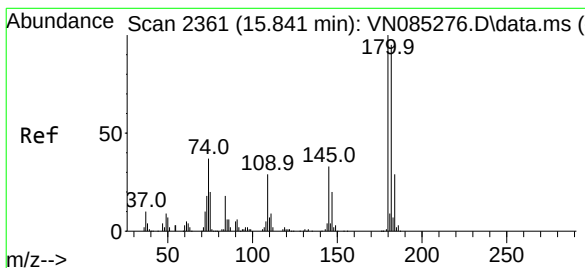
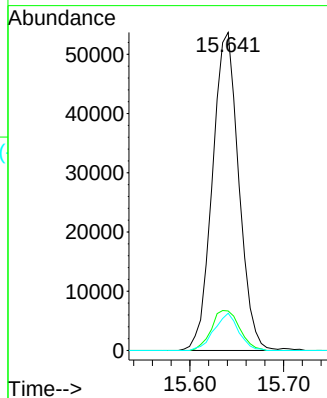
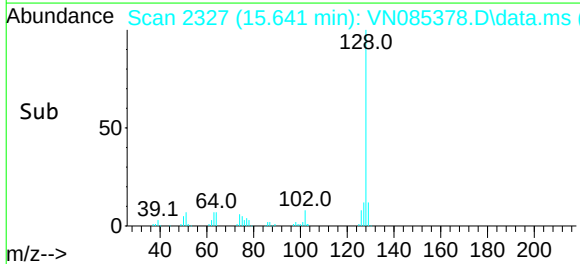
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



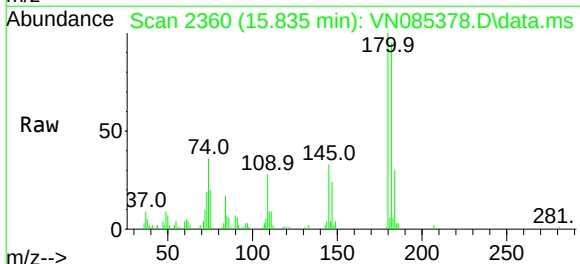
Tgt Ion:128 Resp: 104833
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 18.904 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085378.D
Acq: 02 Jan 2025 15:33



Tgt Ion:180 Resp: 35028
Ion Ratio Lower Upper
180 100
182 96.9 0.0 191.2
145 33.5 0.0 68.6

