

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012125\
 Data File : VN085507.D
 Acq On : 21 Jan 2025 10:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 22 00:36:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	210524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	345716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	305250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	166331	48.945	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.900%
35) Dibromofluoromethane	8.159	113	122821	51.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.420%
50) Toluene-d8	10.559	98	458195	53.769	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.540%
62) 4-Bromofluorobenzene	12.841	95	159666	54.774	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	140366	49.244	ug/l	99
3) Chloromethane	2.359	50	140066	45.384	ug/l	98
4) Vinyl Chloride	2.518	62	146761	47.310	ug/l	99
5) Bromomethane	2.959	94	89318	47.667	ug/l	94
6) Chloroethane	3.124	64	100815	51.261	ug/l	97
7) Trichlorofluoromethane	3.500	101	240451	53.421	ug/l	99
8) Diethyl Ether	3.953	74	73727	47.414	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	137140	54.095	ug/l	98
10) Methyl Iodide	4.589	142	156238	53.815	ug/l	98
11) Tert butyl alcohol	5.506	59	71206	182.989	ug/l	100
12) 1,1-Dichloroethene	4.342	96	118090	52.266	ug/l	98
13) Acrolein	4.171	56	121401	228.544	ug/l	99
14) Allyl chloride	5.018	41	187848	51.236	ug/l	97
15) Acrylonitrile	5.706	53	277157	224.238	ug/l	100
16) Acetone	4.418	43	219490	199.897	ug/l	99
17) Carbon Disulfide	4.706	76	329386	47.348	ug/l	99
18) Methyl Acetate	5.012	43	150601	45.105	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	399036	54.391	ug/l	99
20) Methylene Chloride	5.277	84	138326	50.888	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	126136	52.238	ug/l	99
22) Diisopropyl ether	6.659	45	449320	55.215	ug/l	97
23) Vinyl Acetate	6.594	43	1501846	263.716	ug/l	99
24) 1,1-Dichloroethane	6.559	63	260993	52.599	ug/l	99
25) 2-Butanone	7.471	43	331477	205.143	ug/l	98
26) 2,2-Dichloropropane	7.482	77	236851	59.040	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	151433	53.246	ug/l	99
28) Bromochloromethane	7.806	49	106505	46.136	ug/l	97
29) Tetrahydrofuran	7.830	42	221089	215.814	ug/l	98
30) Chloroform	7.959	83	257110	50.135	ug/l	98
31) Cyclohexane	8.253	56	201843	46.801	ug/l	98
32) 1,1,1-Trichloroethane	8.159	97	229877	51.102	ug/l	99
36) 1,1-Dichloropropene	8.365	75	178605	53.060	ug/l	98
37) Ethyl Acetate	7.553	43	144082	42.407	ug/l	98
38) Carbon Tetrachloride	8.353	117	204961	53.186	ug/l	97
39) Methylcyclohexane	9.594	83	181570	57.401	ug/l	97
40) Benzene	8.600	78	532512	52.650	ug/l	98

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 Supervised By :Semsettin Yesilyurt 01/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	81112	45.887	ug/l	99
42) 1,2-Dichloroethane	8.665	62	195476	51.316	ug/l	100
43) Isopropyl Acetate	8.682	43	245704	45.131	ug/l	98
44) Trichloroethene	9.347	130	121746	51.712	ug/l	95
45) 1,2-Dichloropropane	9.612	63	134373	52.013	ug/l	99
46) Dibromomethane	9.700	93	91500	49.085	ug/l	97
47) Bromodichloromethane	9.882	83	208041	54.780	ug/l	98
48) Methyl methacrylate	9.671	41	122424	49.969	ug/l	98
49) 1,4-Dioxane	9.688	88	29529	715.721	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	719390	227.714	ug/l	100
52) Toluene	10.623	92	328653	56.081	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	197419	55.007	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	214238	55.884	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	119026	51.322	ug/l	97
56) Ethyl methacrylate	10.871	69	174686	44.917	ug/l	97
57) 1,3-Dichloropropane	11.159	76	211165	52.364	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	406194	275.992	ug/l	100
59) 2-Hexanone	11.188	43	497152	223.650	ug/l	100
60) Dibromochloromethane	11.353	129	144556	51.628	ug/l	99
61) 1,2-Dibromoethane	11.465	107	112936	48.920	ug/l	99
64) Tetrachloroethene	11.094	164	116376	55.923	ug/l	98
65) Chlorobenzene	11.888	112	346962	51.886	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.953	131	125239	51.029	ug/l	99
67) Ethyl Benzene	11.959	91	622597	57.164	ug/l	99
68) m/p-Xylenes	12.065	106	478377	118.843	ug/l	98
69) o-Xylene	12.394	106	221922	57.690	ug/l	99
70) Styrene	12.406	104	380801	59.814	ug/l	98
71) Bromoform	12.570	173	89803	51.139	ug/l #	98
73) Isopropylbenzene	12.688	105	575222	55.796	ug/l	100
74) N-amyl acetate	12.488	43	215074	46.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.929	83	155946	42.822	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	139631m	44.974	ug/l	
77) Bromobenzene	12.976	156	135638	50.358	ug/l	97
78) n-propylbenzene	13.029	91	696632	57.079	ug/l	100
79) 2-Chlorotoluene	13.117	91	417284	52.829	ug/l	99
80) 1,3,5-Trimethylbenzene	13.164	105	491130	57.674	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	52581	45.821	ug/l	95
82) 4-Chlorotoluene	13.217	91	431119	54.817	ug/l	99
83) tert-Butylbenzene	13.435	119	403567	56.434	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	498458	58.730	ug/l	100
85) sec-Butylbenzene	13.611	105	576918	58.208	ug/l	100
86) p-Isopropyltoluene	13.723	119	481130	53.453	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	259664	52.348	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	257377	50.059	ug/l	98
89) n-Butylbenzene	14.053	91	421048	59.215	ug/l	100
90) Hexachloroethane	14.329	117	92360	48.950	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	242940	49.101	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.711	75	27813	41.824	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	122326	53.194	ug/l	99
94) Hexachlorobutadiene	15.494	225	61180	50.111	ug/l	98
95) Naphthalene	15.635	128	310259	45.213	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	112075	48.166	ug/l	99

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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

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

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

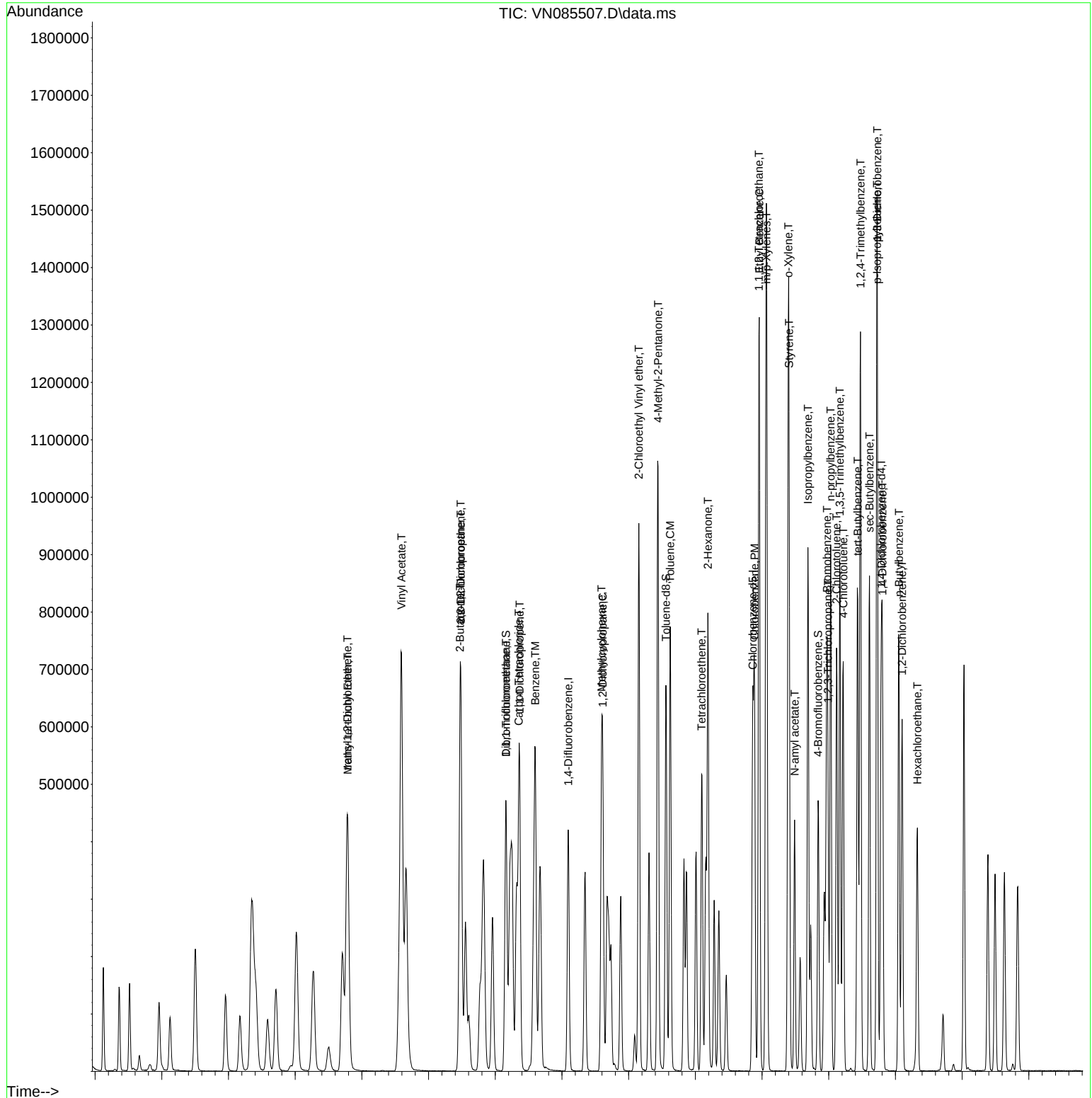
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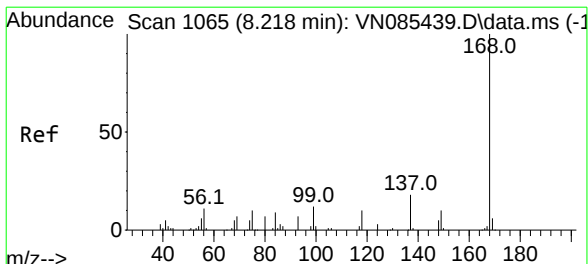
Instrument :
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Manual Integrations
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

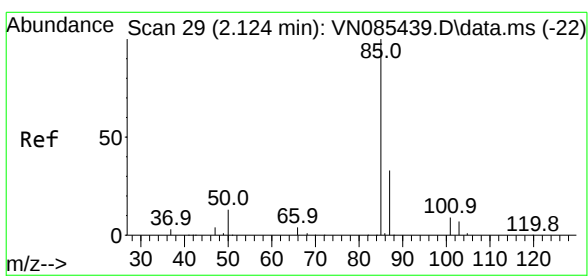
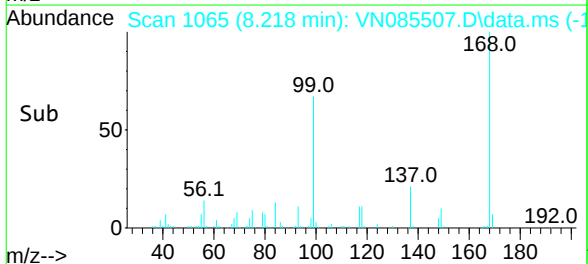
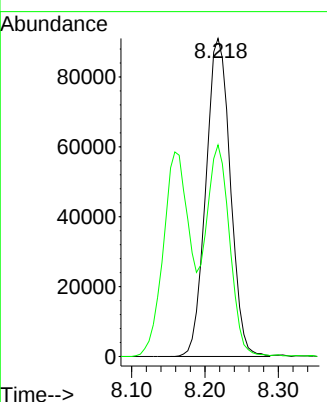
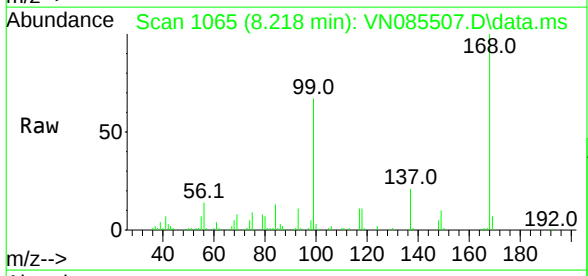
VSTDCCC050

Tgt Ion:168 Resp: 210524
Ion Ratio Lower Upper
168 100
99 66.2 53.6 80.4

Manual Integrations

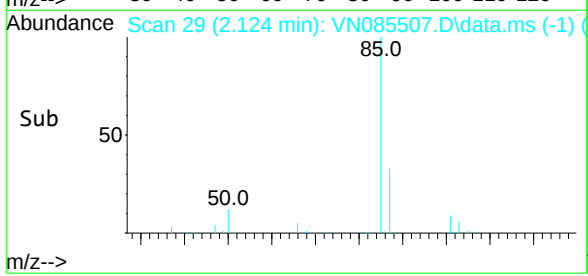
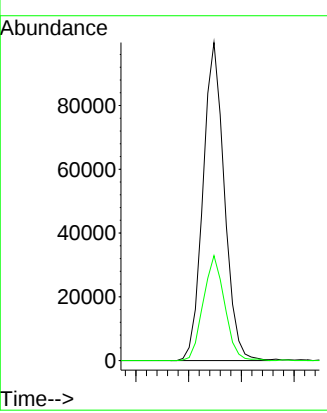
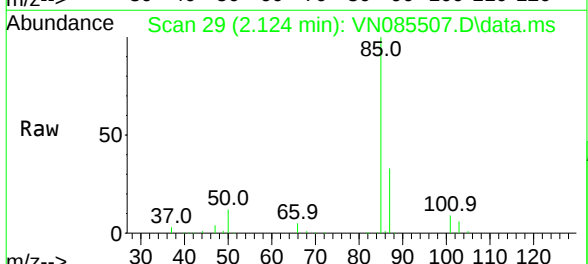
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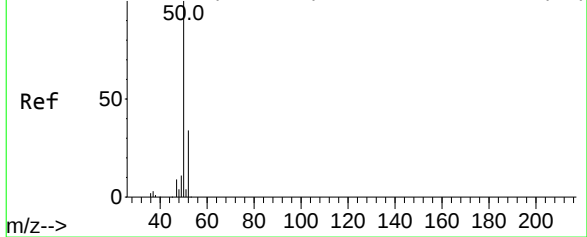


#2
Dichlorodifluoromethane
Concen: 49.244 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion: 85 Resp: 140366
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1

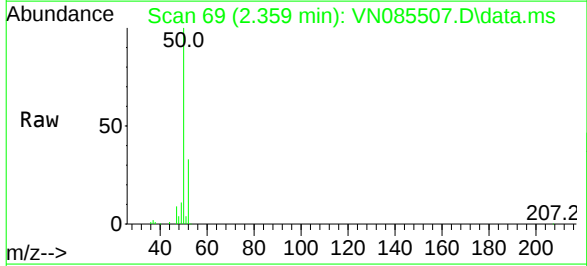


Abundance Scan 69 (2.359 min): VN085439.D\data.ms (-62)



#3
Chloromethane
Concen: 45.384 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

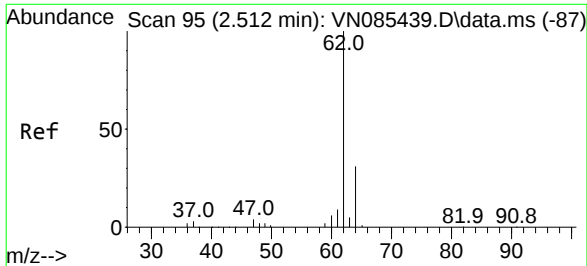
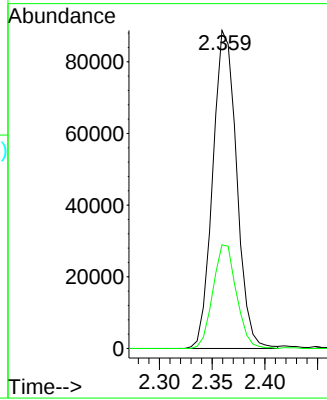
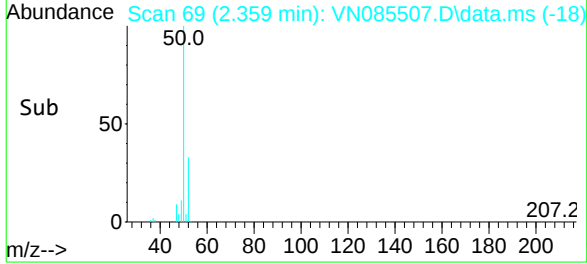
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 140066
Ion Ratio Lower Upper
50 100
52 32.6 27.0 40.6

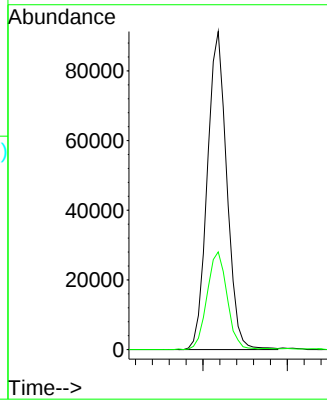
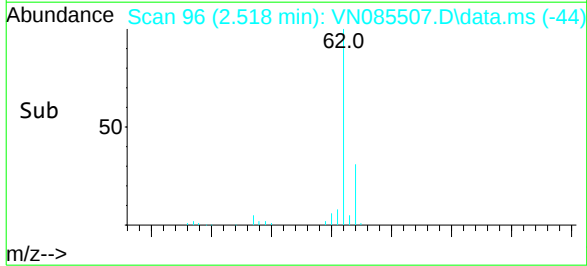
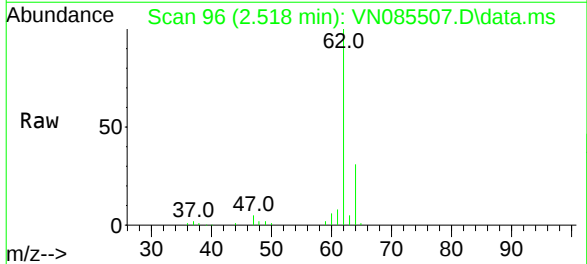
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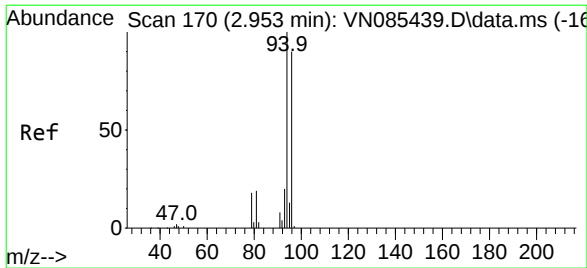
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#4
Vinyl Chloride
Concen: 47.310 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion: 62 Resp: 146761
Ion Ratio Lower Upper
62 100
64 30.5 24.8 37.2





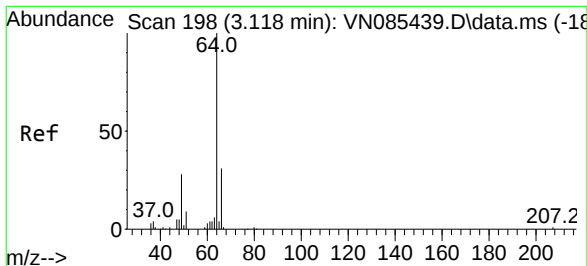
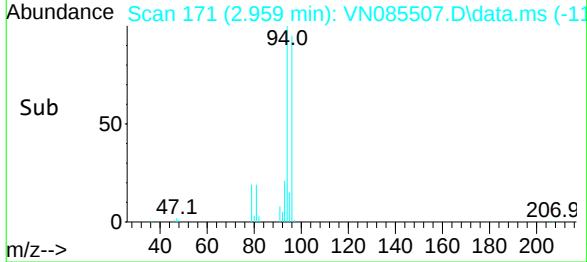
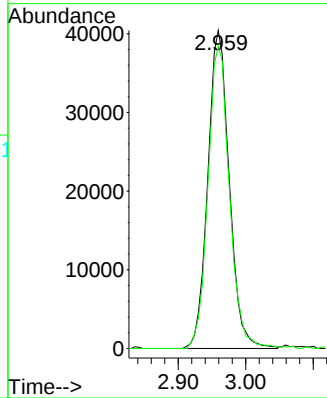
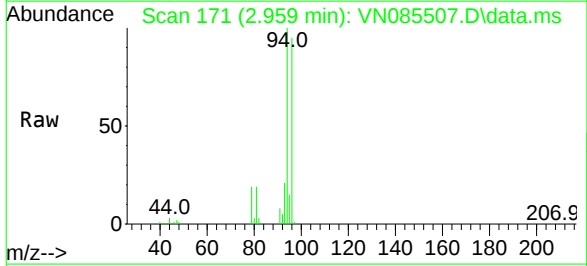
#5
Bromomethane
Concen: 47.667 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
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Tgt Ion: 94 Resp: 89318
Ion Ratio Lower Upper
94 100
96 95.1 71.8 107.6

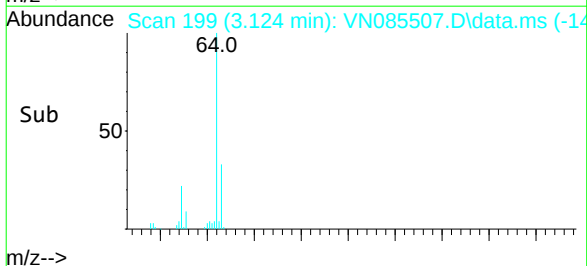
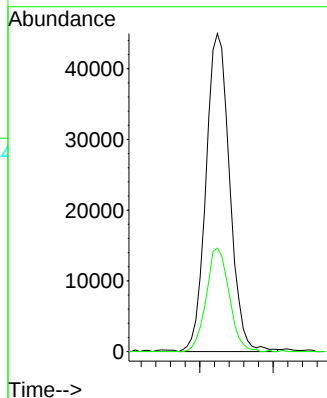
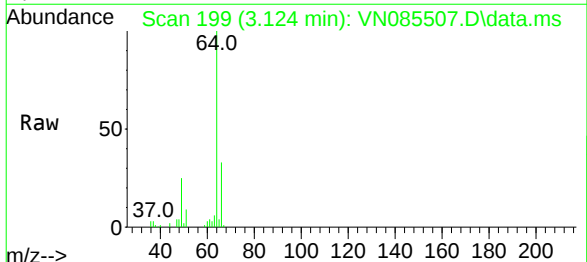
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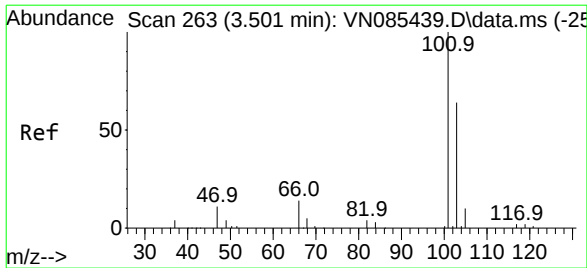
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#6
Chloroethane
Concen: 51.261 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

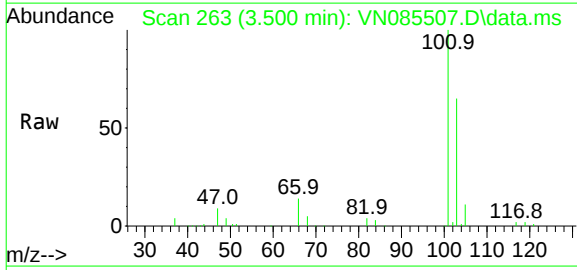
Tgt Ion: 64 Resp: 100815
Ion Ratio Lower Upper
64 100
66 32.5 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 53.421 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN085507.D
 Acq: 21 Jan 2025 10:47

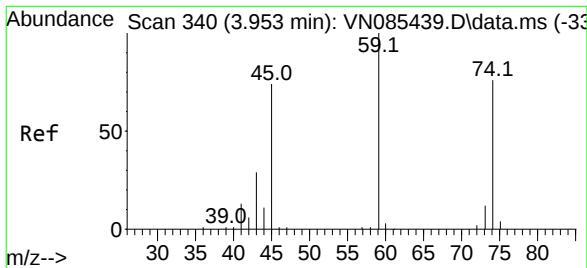
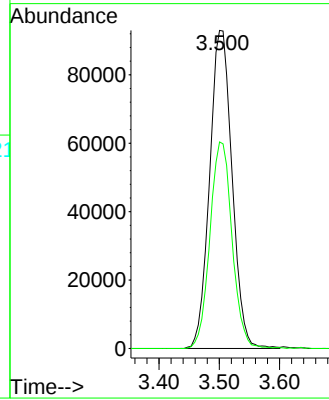
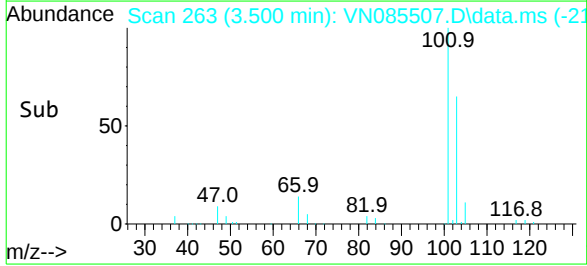
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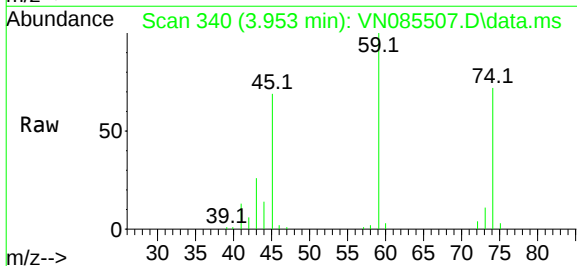
Tgt Ion: 101 Resp: 240451
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.2

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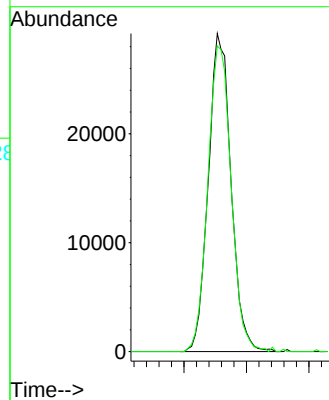
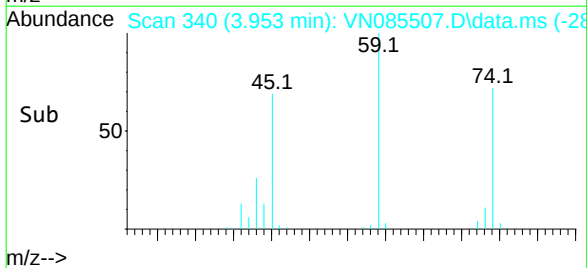
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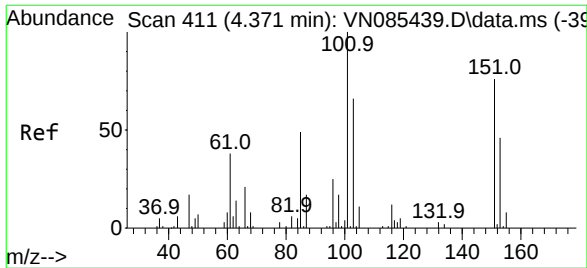


#8
 Diethyl Ether
 Concen: 47.414 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN085507.D
 Acq: 21 Jan 2025 10:47



Tgt Ion: 74 Resp: 73727
 Ion Ratio Lower Upper
 74 100
 45 98.8 49.7 149.1





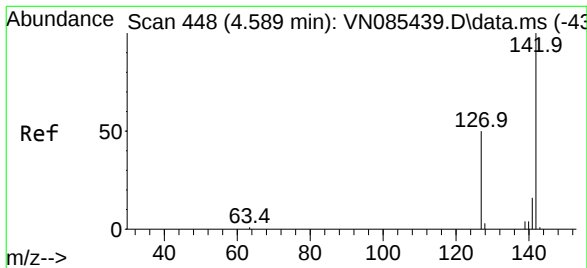
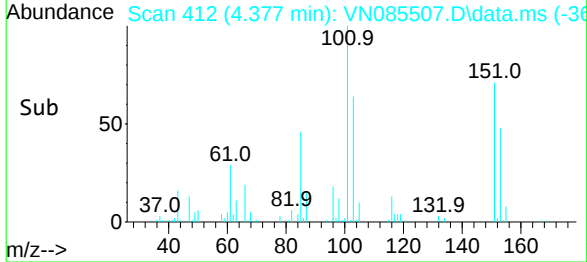
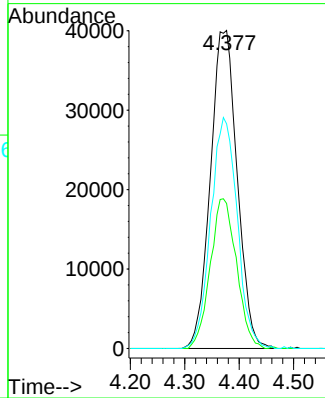
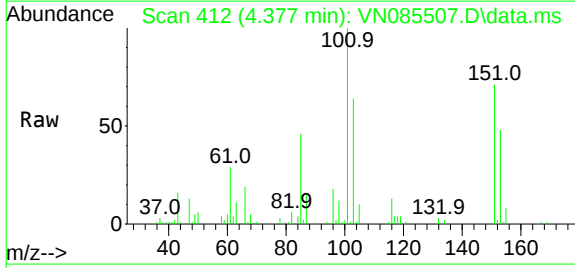
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.095 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 137140
Ion Ratio Lower Upper
101 100
85 46.1 37.8 56.8
151 71.9 58.8 88.2

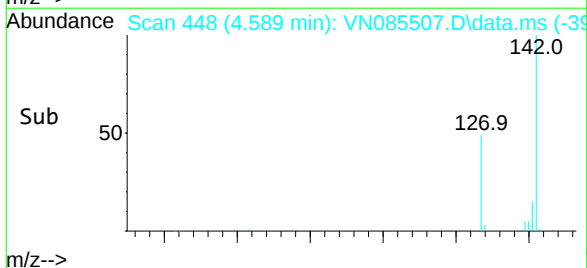
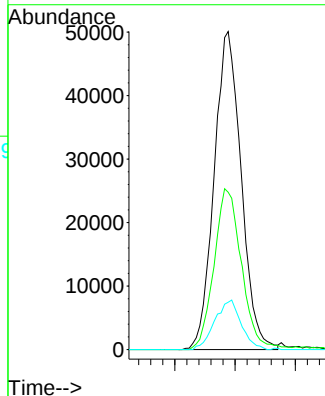
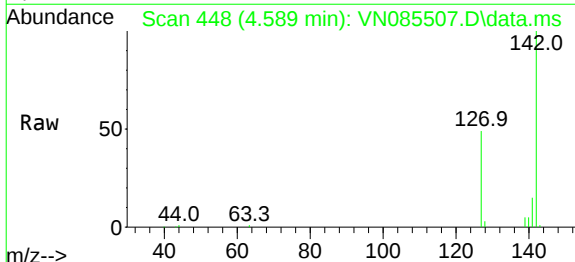
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#10
Methyl Iodide
Concen: 53.815 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion:142 Resp: 156238
Ion Ratio Lower Upper
142 100
127 49.5 40.3 60.5
141 14.9 12.8 19.2





#11

Tert butyl alcohol

Concen: 182.989 ug/l

RT: 5.506 min Scan# 605

Delta R.T. -0.006 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 71206

Ion Ratio Lower Upper

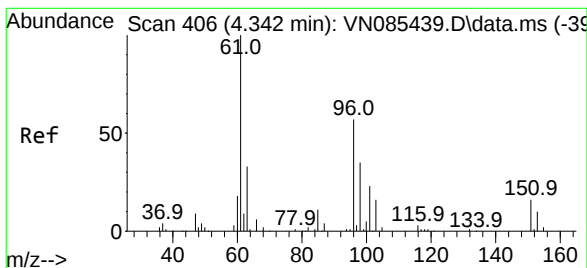
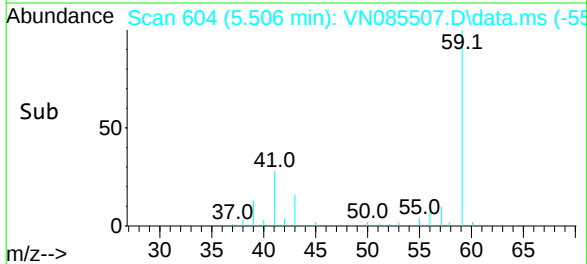
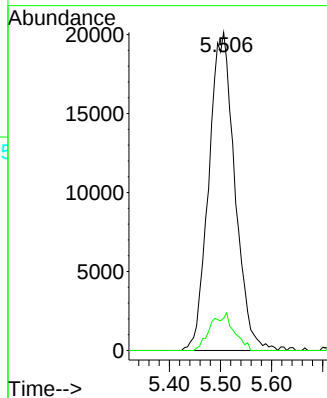
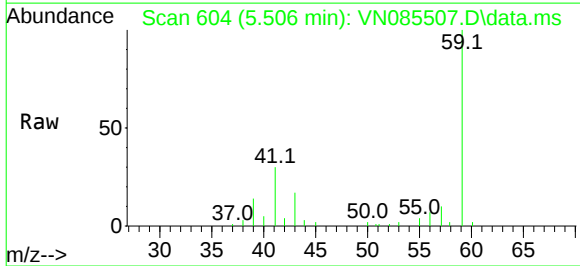
59 100

57 10.7 8.6 13.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#12

1,1-Dichloroethene

Concen: 52.266 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

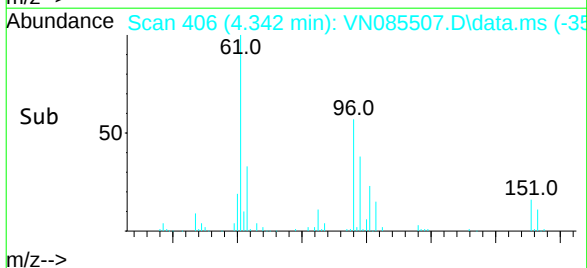
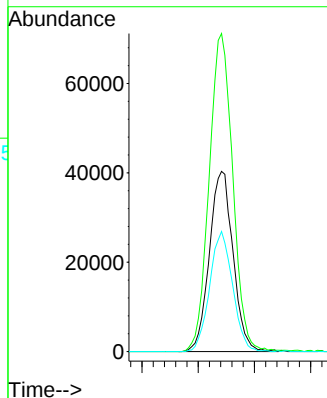
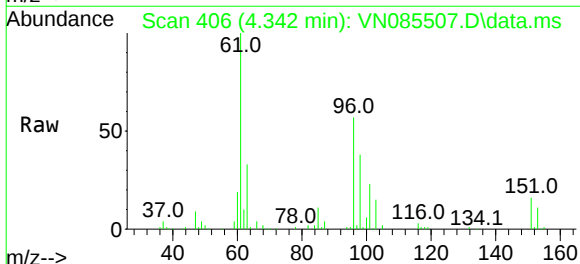
Tgt Ion: 96 Resp: 118090

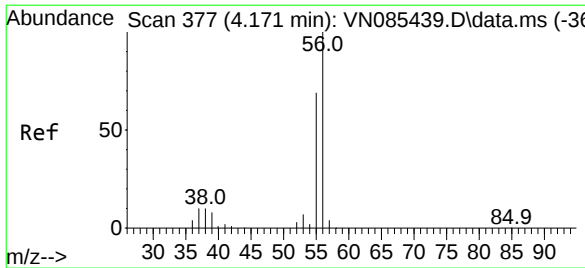
Ion Ratio Lower Upper

96 100

61 176.5 141.0 211.4

98 66.6 49.0 73.6





#13

Acrolein

Concen: 228.544 ug/l

RT: 4.171 min Scan# 377

Delta R.T. -0.000 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 121401

Ion Ratio Lower Upper

56 100

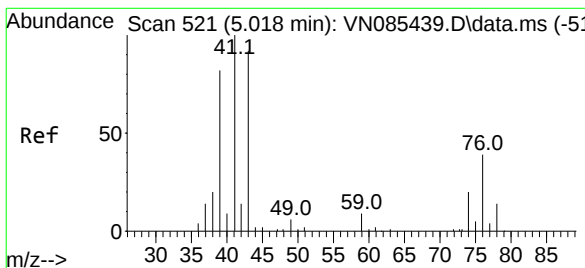
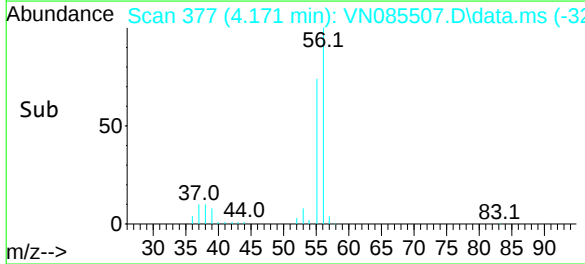
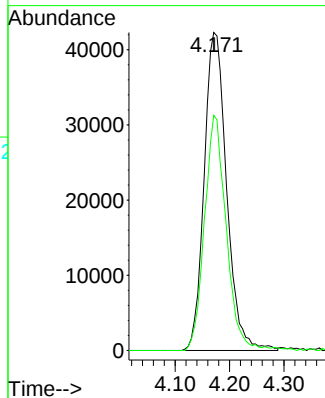
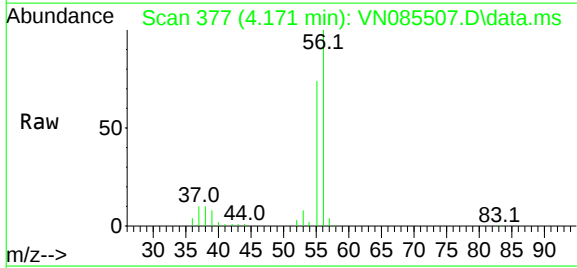
55 71.2 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#14

Allyl chloride

Concen: 51.236 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

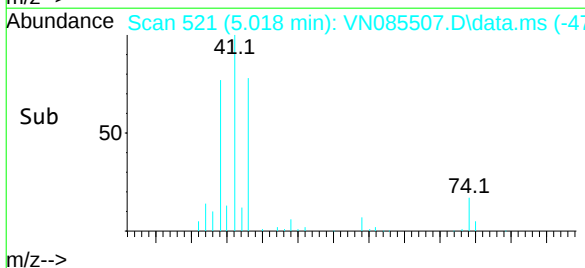
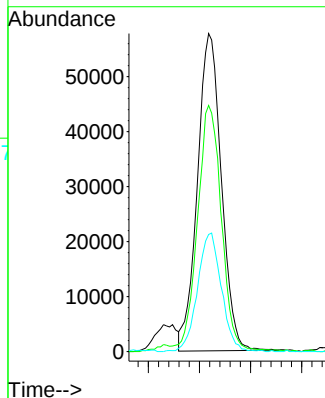
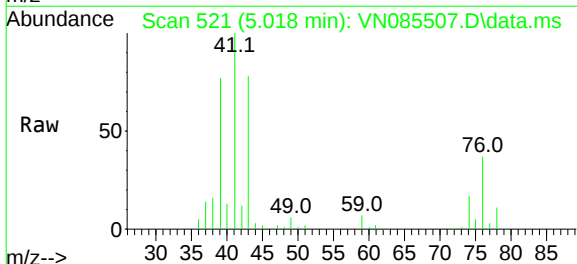
Tgt Ion: 41 Resp: 187848

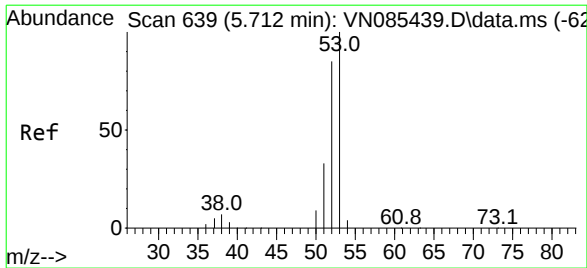
Ion Ratio Lower Upper

41 100

39 77.8 64.4 96.6

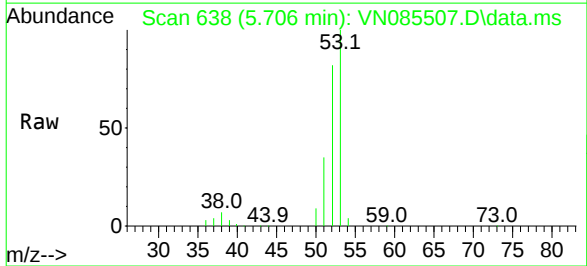
76 37.2 30.5 45.7





#15
Acrylonitrile
Concen: 224.238 ug/l
RT: 5.706 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

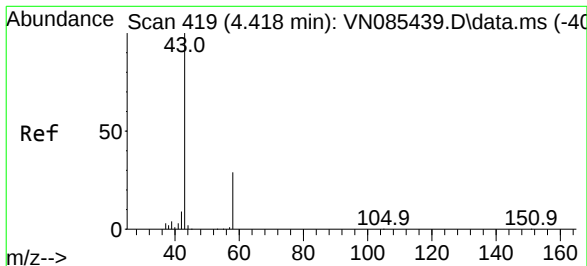
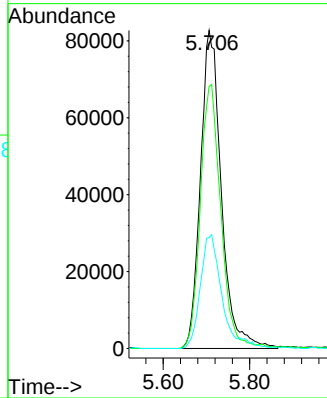
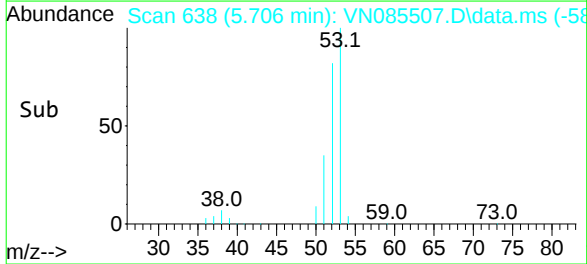
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 277157
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 36.9 29.8 44.8

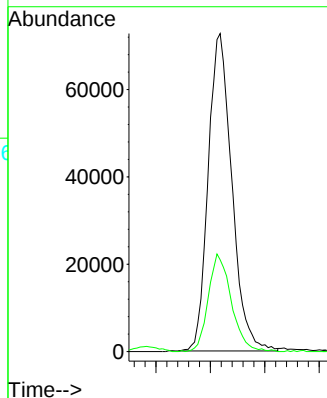
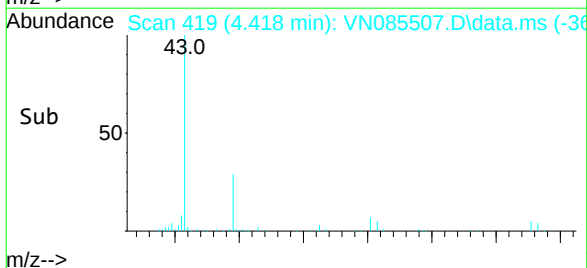
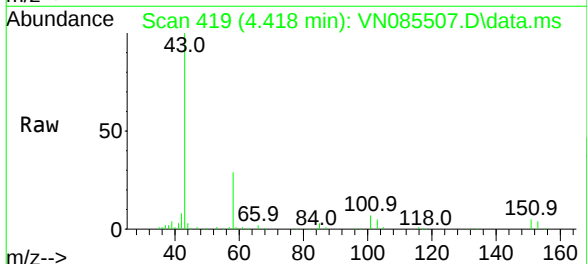
Manual Integrations
APPROVED

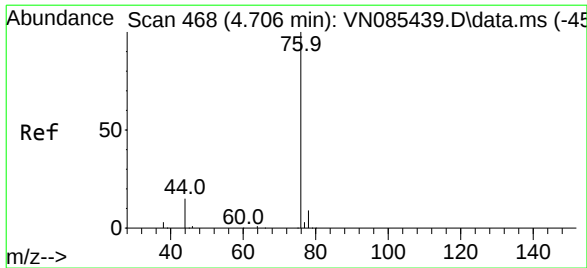
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#16
Acetone
Concen: 199.897 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

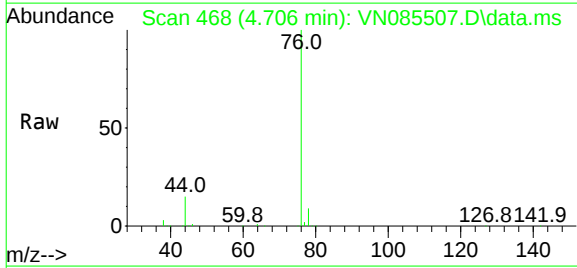
Tgt Ion: 43 Resp: 219490
Ion Ratio Lower Upper
43 100
58 28.9 23.8 35.6





#17
Carbon Disulfide
Concen: 47.348 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

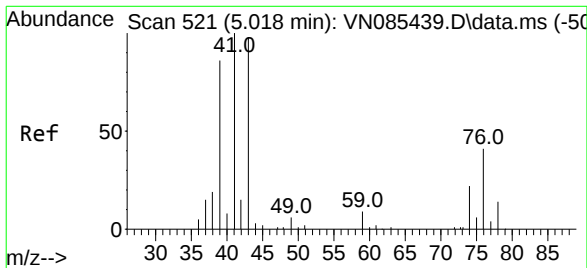
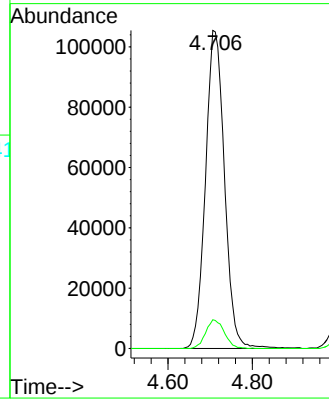
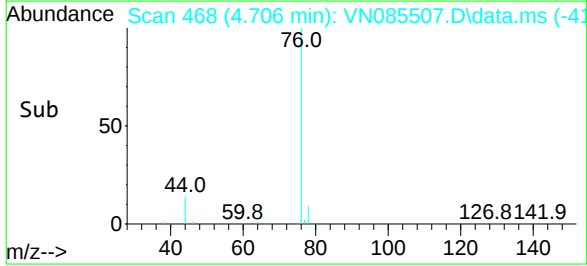
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 329386
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3

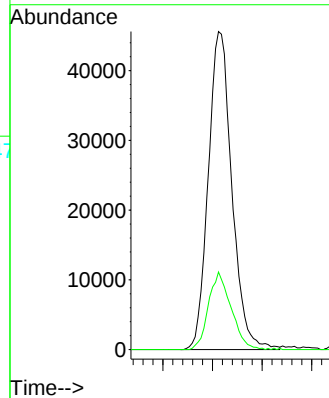
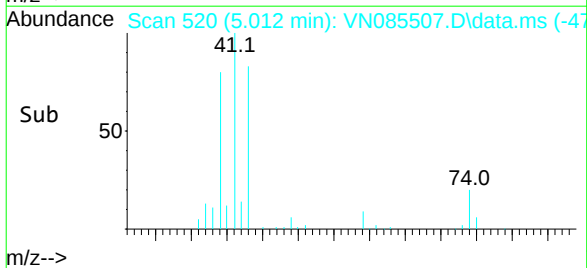
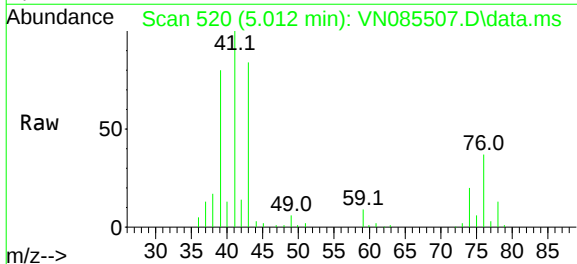
Manual Integrations
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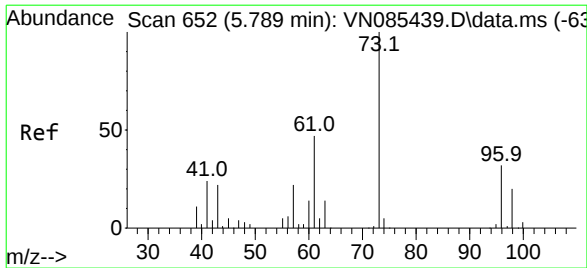
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#18
Methyl Acetate
Concen: 45.105 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion: 43 Resp: 150601
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 54.391 ug/l

RT: 5.788 min Scan# 65

Delta R.T. -0.000 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 399036

Ion Ratio Lower Upper

73 100

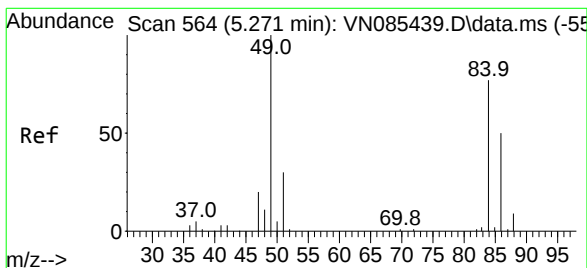
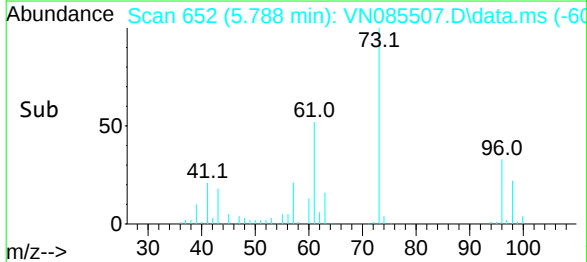
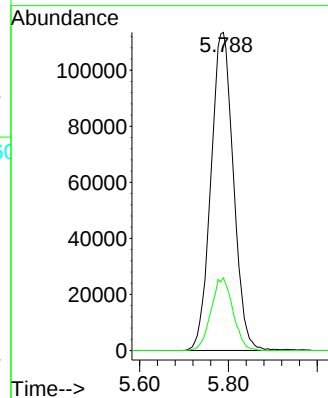
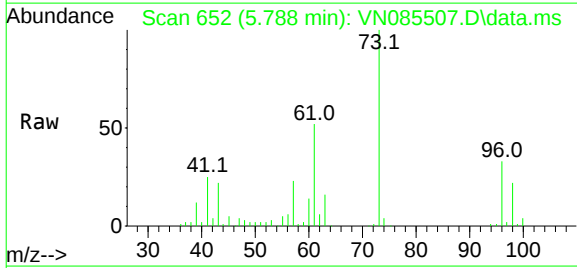
57 22.9 17.8 26.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#20

Methylene Chloride

Concen: 50.888 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Tgt Ion: 84 Resp: 138326

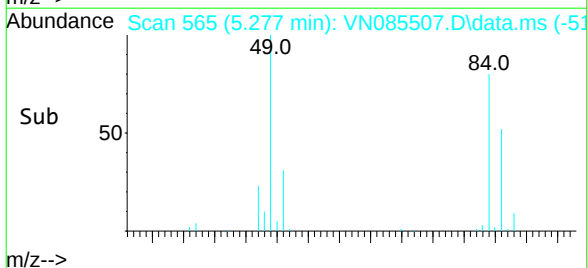
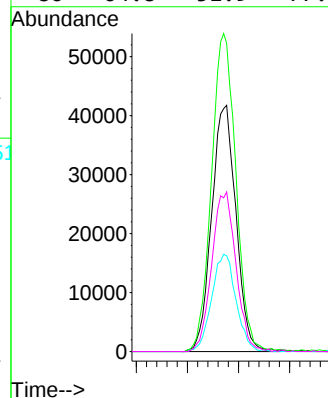
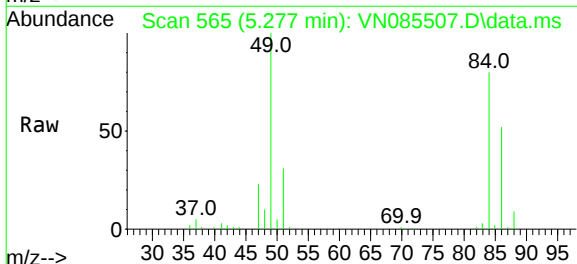
Ion Ratio Lower Upper

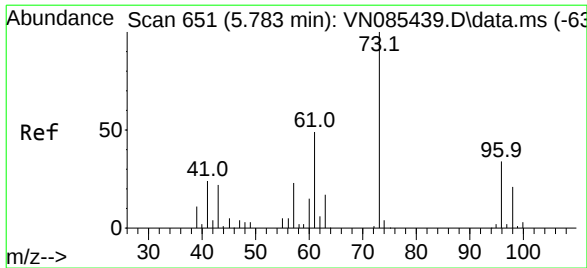
84 100

49 125.2 104.1 156.1

51 38.8 31.0 46.4

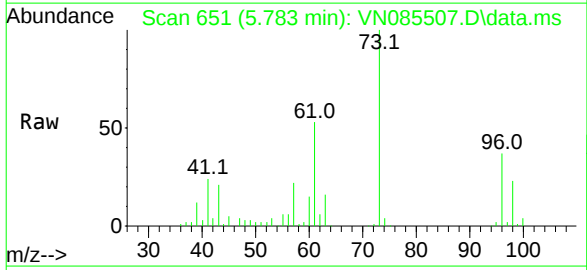
86 64.8 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 52.238 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

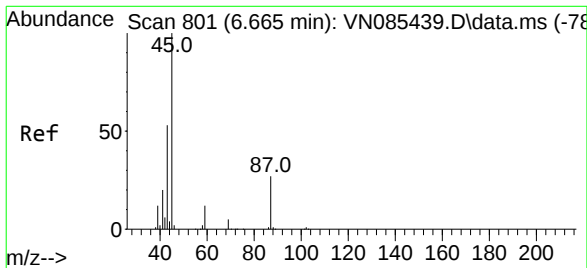
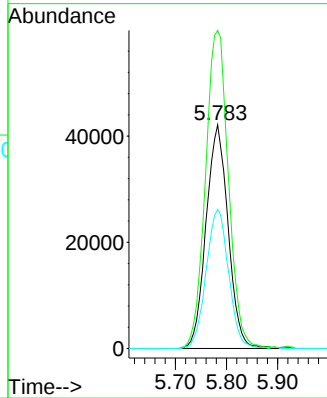
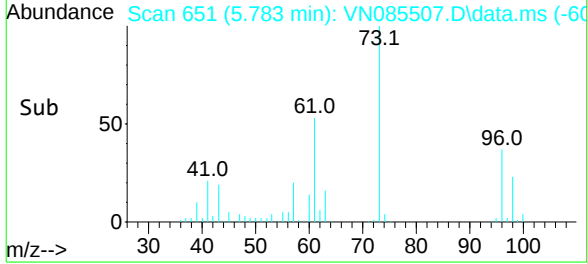
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



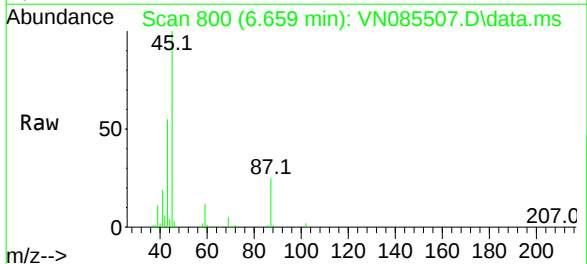
Tgt Ion: 96 Resp: 126136
Ion Ratio Lower Upper
96 100
61 142.2 115.7 173.5
98 62.3 49.8 74.8

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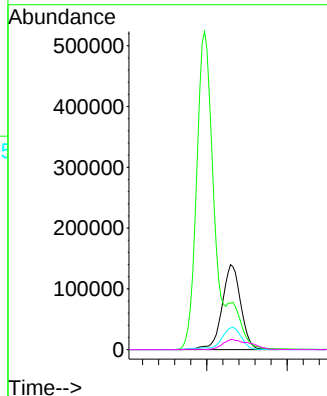
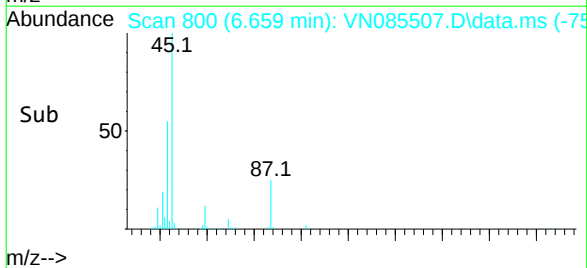
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

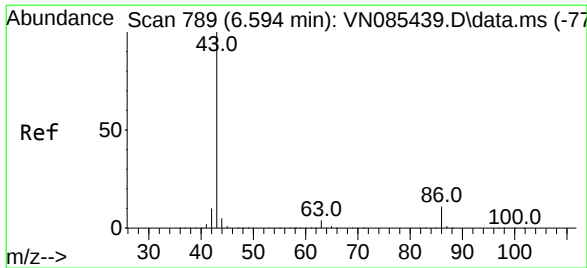


#22
Diisopropyl ether
Concen: 55.215 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47



Tgt Ion: 45 Resp: 449320
Ion Ratio Lower Upper
45 100
43 54.1 45.0 67.6
87 25.4 21.8 32.8
59 11.7 10.2 15.2





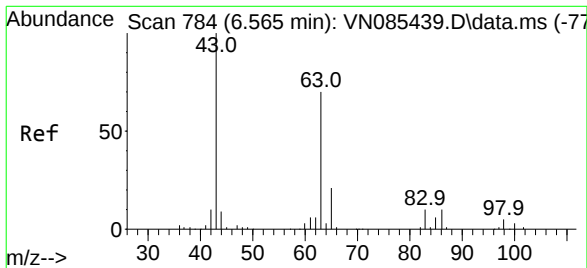
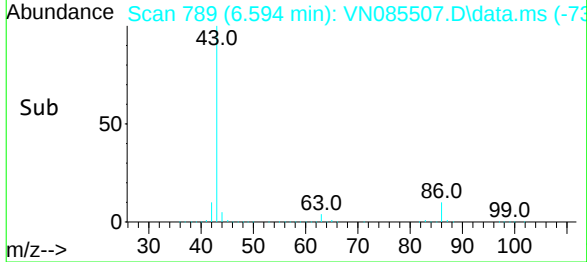
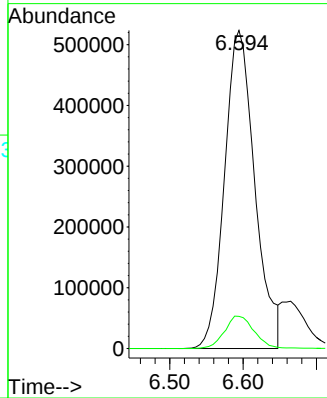
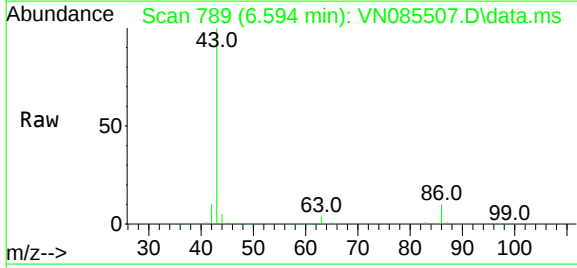
#23
 Vinyl Acetate
 Concen: 263.716 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN085507.D
 Acq: 21 Jan 2025 10:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1501846
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.4 12.6

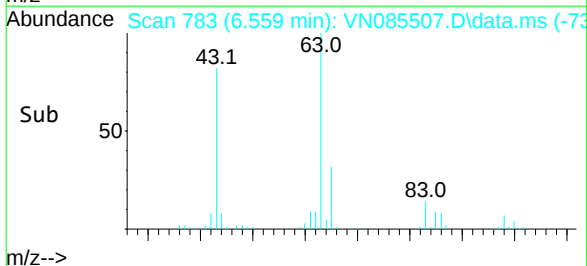
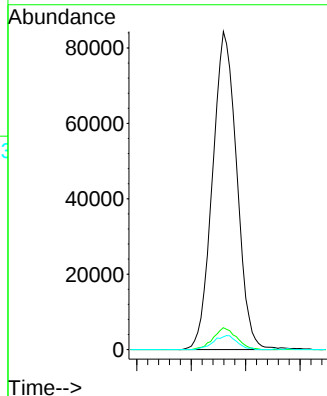
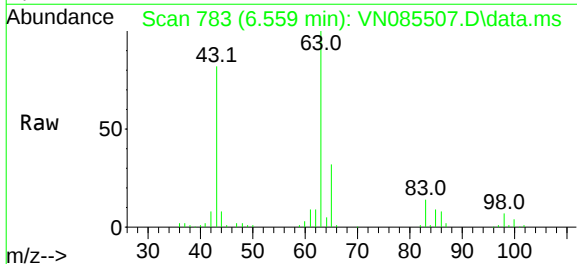
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025



#24
 1,1-Dichloroethane
 Concen: 52.599 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN085507.D
 Acq: 21 Jan 2025 10:47

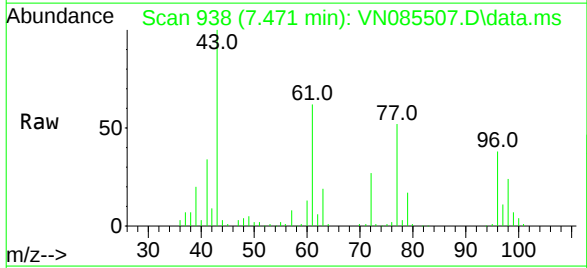
Tgt Ion: 63 Resp: 260993
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.0 2.0 6.0





#25
2-Butanone
Concen: 205.143 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

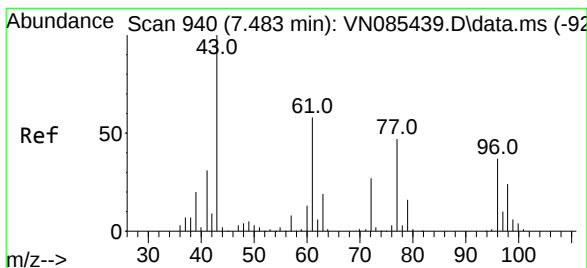
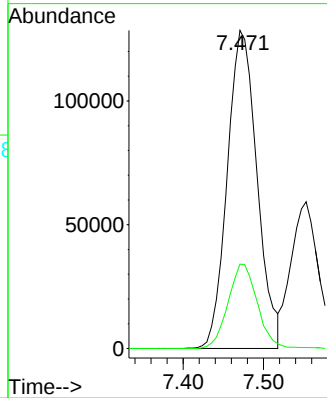
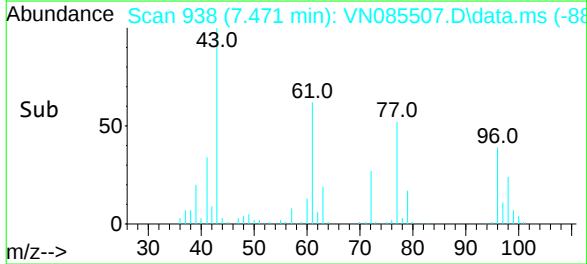
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



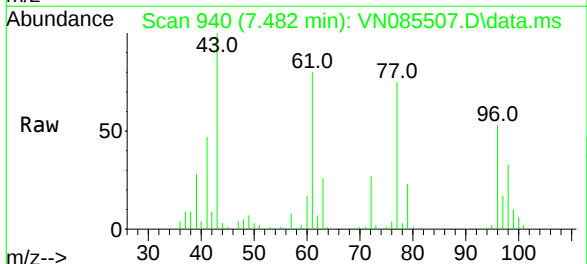
Tgt Ion: 43 Resp: 331477
Ion Ratio Lower Upper
43 100
72 26.5 20.2 30.4

Manual Integrations
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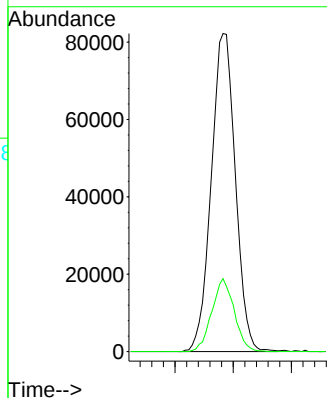
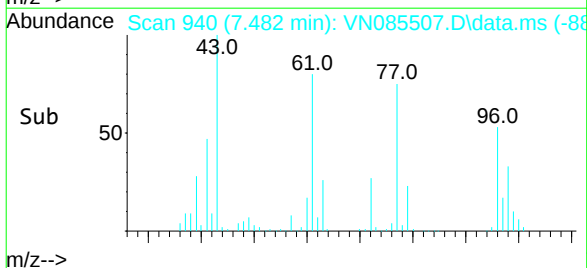
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

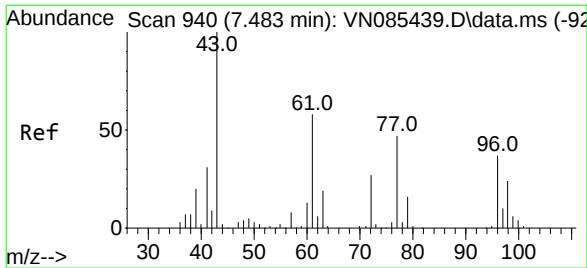


#26
2,2-Dichloropropane
Concen: 59.040 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47



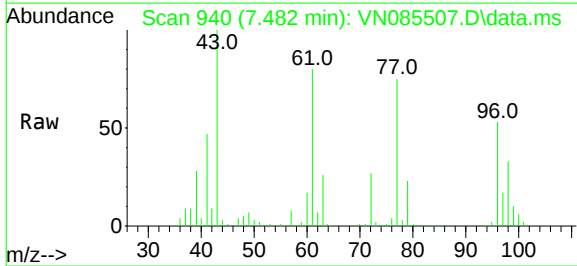
Tgt Ion: 77 Resp: 236851
Ion Ratio Lower Upper
77 100
97 21.3 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 53.246 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085507.D
 Acq: 21 Jan 2025 10:47

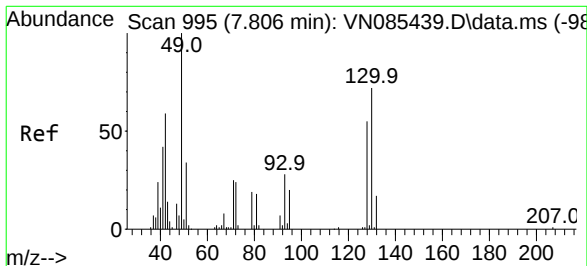
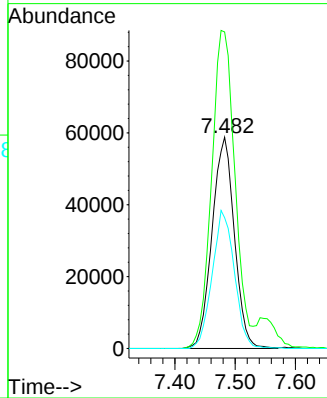
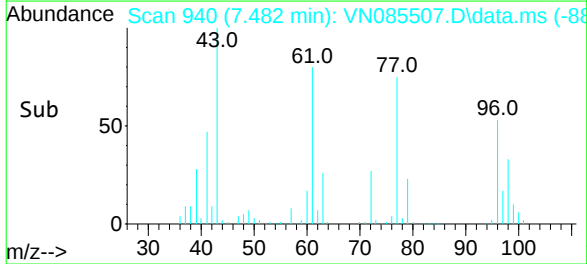
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 151433
 Ion Ratio Lower Upper
 96 100
 61 157.2 0.0 311.8
 98 65.1 0.0 126.0

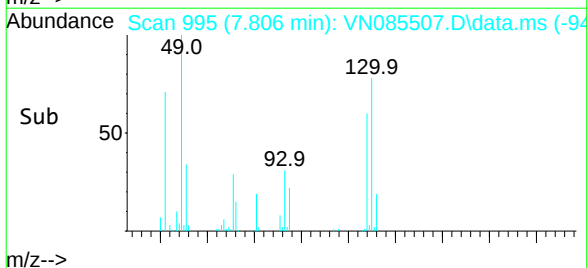
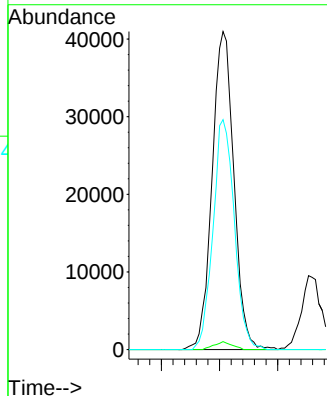
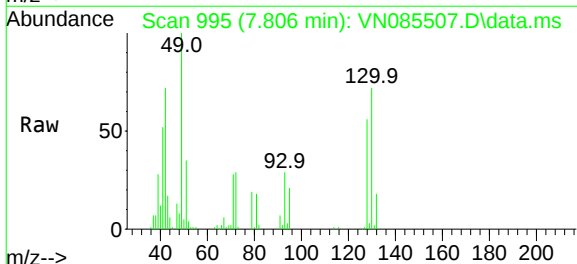
Manual Integrations
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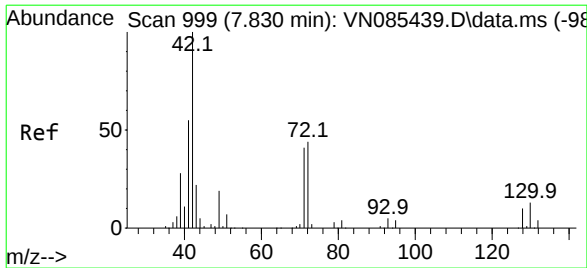
Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025



#28
 Bromochloromethane
 Concen: 46.136 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085507.D
 Acq: 21 Jan 2025 10:47

Tgt Ion: 49 Resp: 106505
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 71.0 55.0 82.4





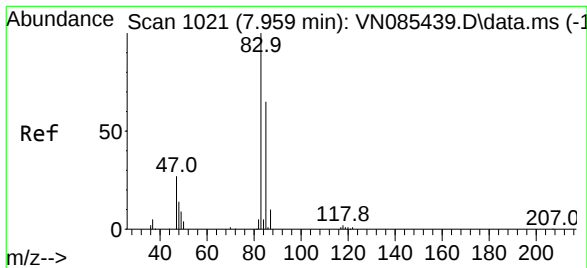
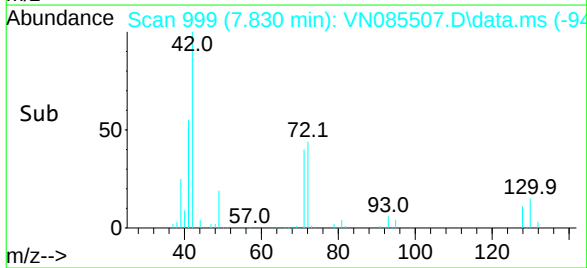
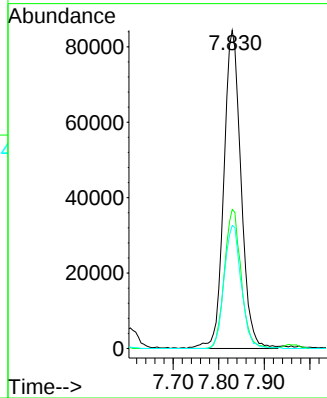
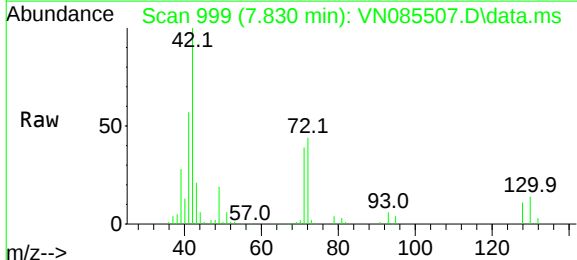
#29
Tetrahydrofuran
Concen: 215.814 ug/l
RT: 7.830 min Scan# 999
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 221089
Ion Ratio Lower Upper
42 100
72 42.2 34.2 51.2
71 38.5 32.5 48.7

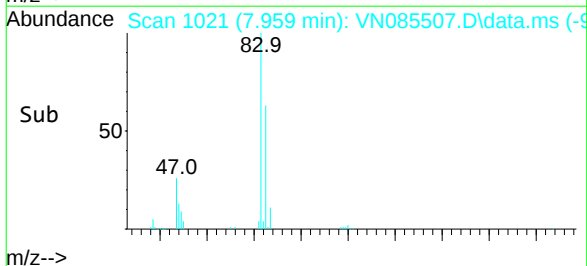
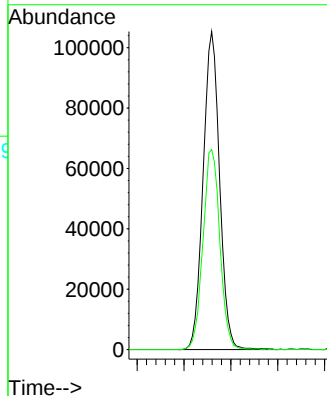
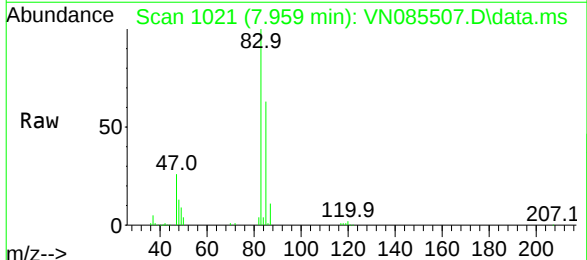
Manual Integrations
APPROVED

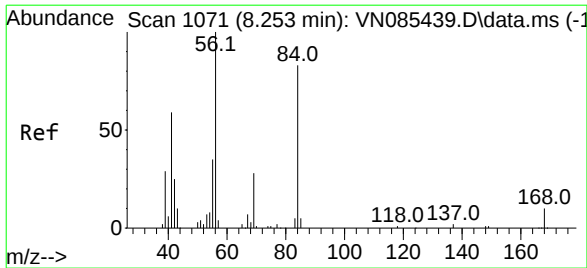
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#30
Chloroform
Concen: 50.135 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion: 83 Resp: 257110
Ion Ratio Lower Upper
83 100
85 62.9 51.8 77.6





#31

Cyclohexane

Concen: 46.801 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 201843

Ion Ratio Lower Upper

56 100

69 28.2 22.2 33.4

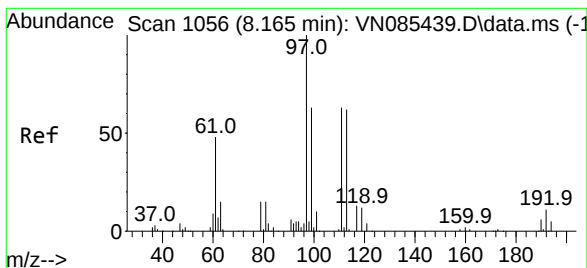
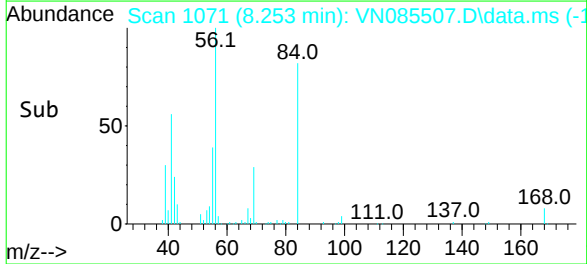
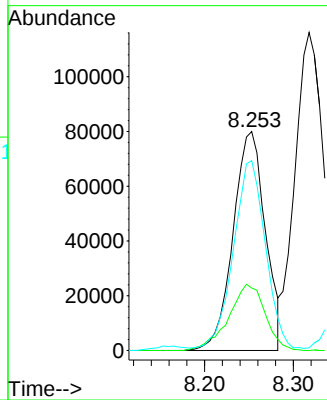
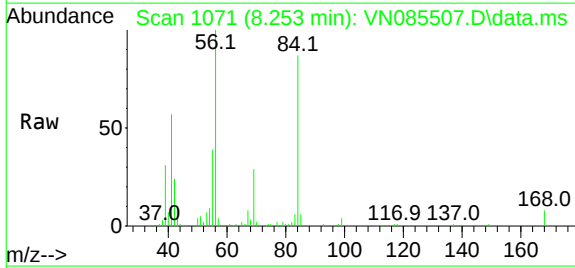
84 85.1 66.4 99.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#32

1,1,1-Trichloroethane

Concen: 51.102 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

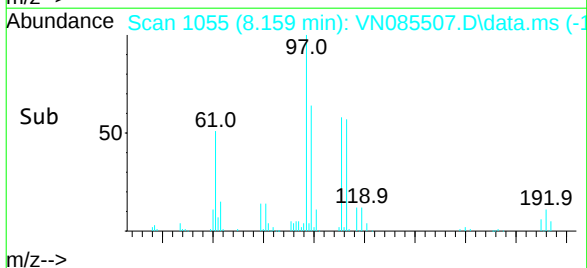
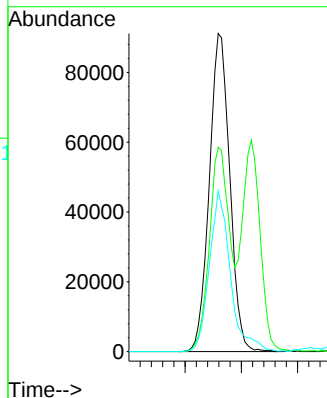
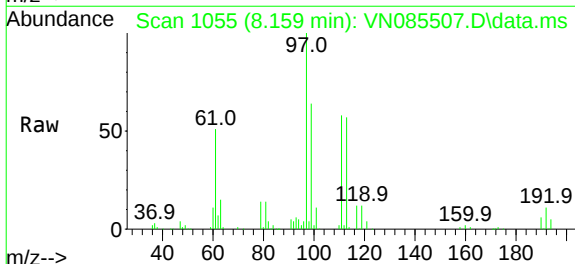
Tgt Ion: 97 Resp: 229877

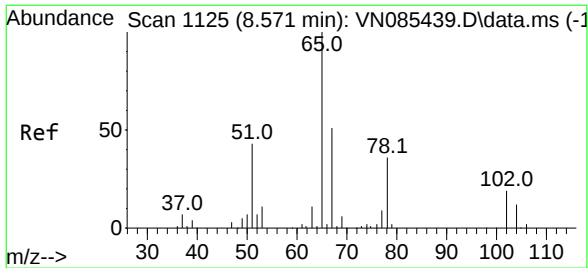
Ion Ratio Lower Upper

97 100

99 63.2 49.8 74.6

61 52.0 41.4 62.2





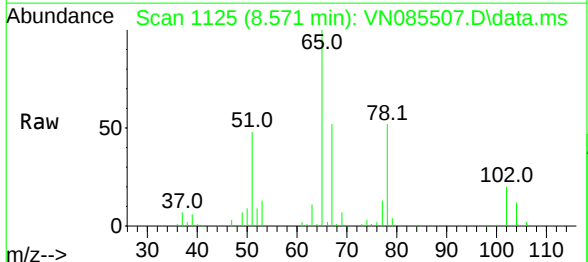
#33
 1,2-Dichloroethane-d4
 Concen: 48.945 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: VN085507.D
 Acq: 21 Jan 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

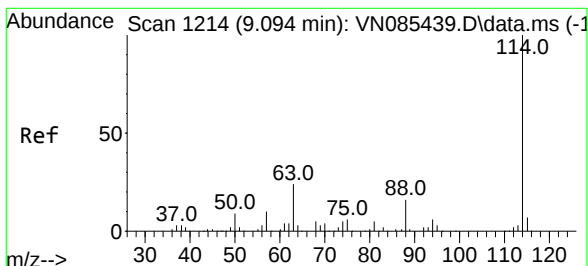
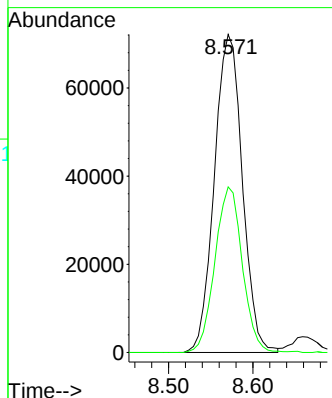
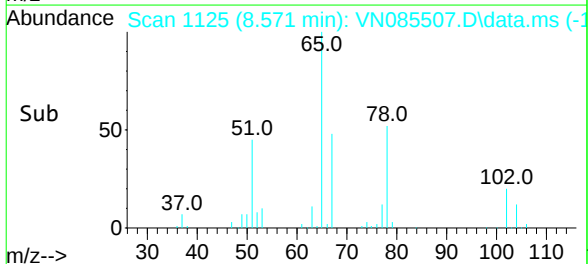
VSTDCCC050



Tgt Ion: 65 Resp: 166331
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.6

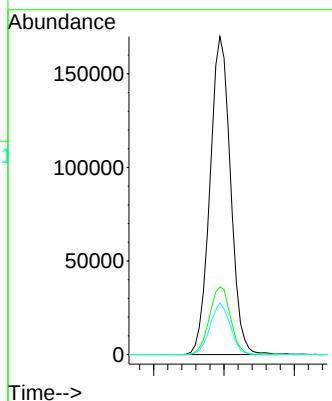
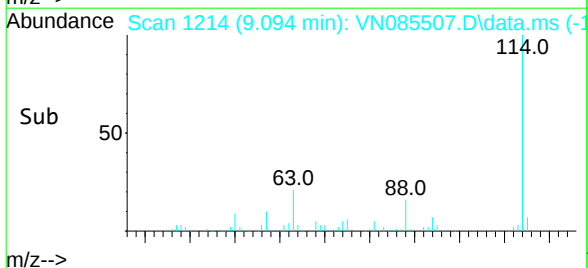
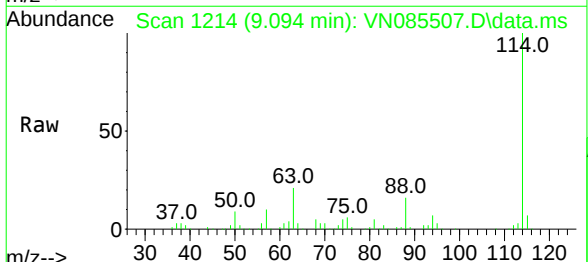
Manual Integrations
 APPROVED

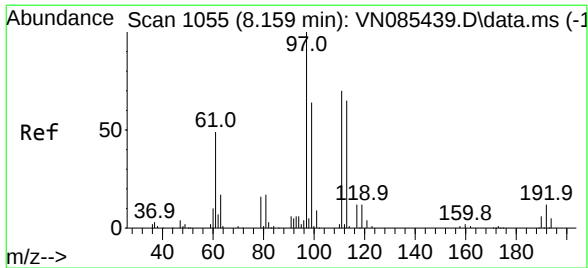
Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.000 min
 Lab File: VN085507.D
 Acq: 21 Jan 2025 10:47

Tgt Ion:114 Resp: 345716
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 47.6
 88 16.2 0.0 32.6





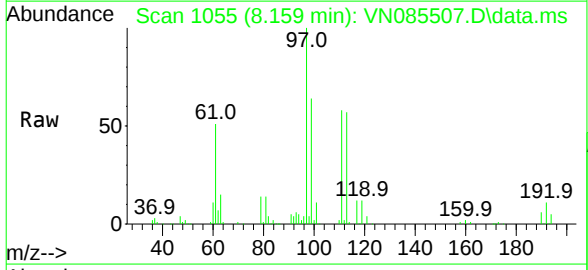
#35
 Dibromofluoromethane
 Concen: 51.209 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085507.D
 Acq: 21 Jan 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

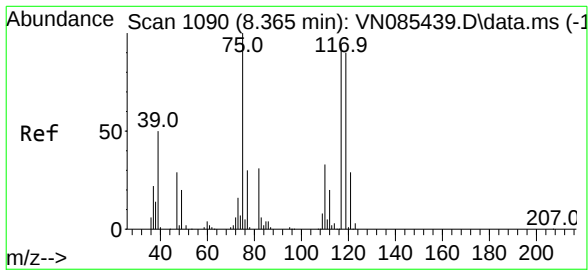
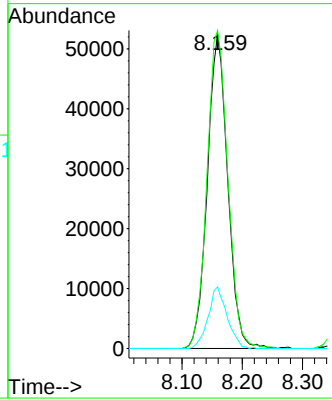
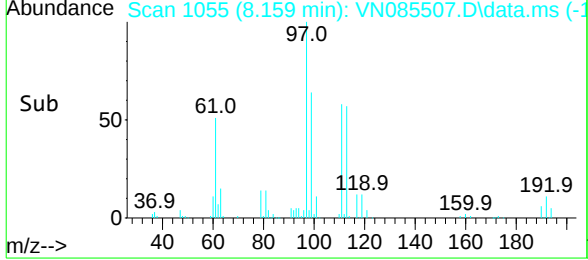


Tgt Ion:	113	Resp:	122821
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.7	124.1
192	18.3	14.3	21.5

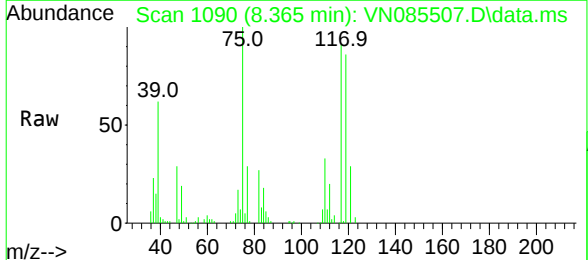
Manual Integrations

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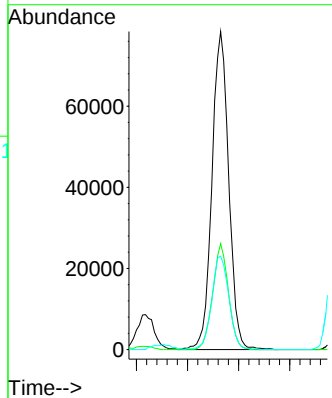
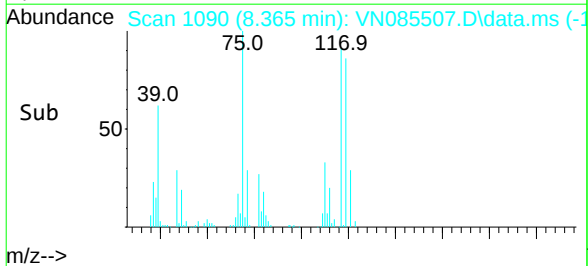
Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025

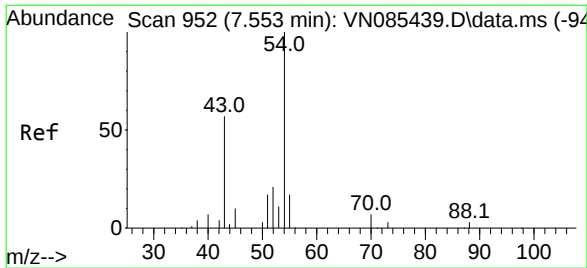


#36
 1,1-Dichloropropene
 Concen: 53.060 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VN085507.D
 Acq: 21 Jan 2025 10:47



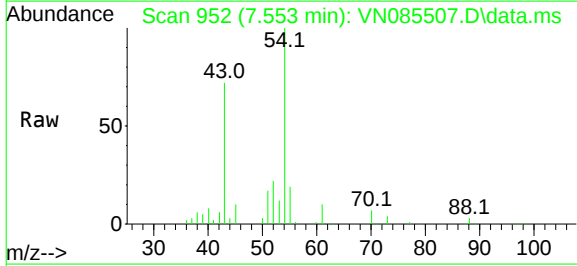
Tgt Ion:	75	Resp:	178605
Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.5	49.5
77	30.1	24.4	36.6





#37
Ethyl Acetate
Concen: 42.407 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

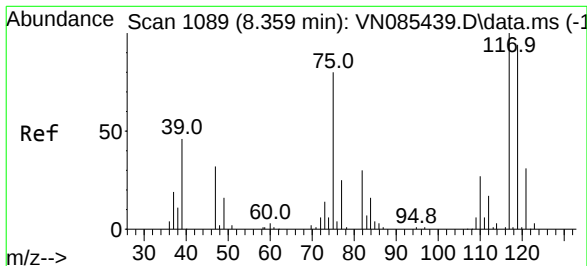
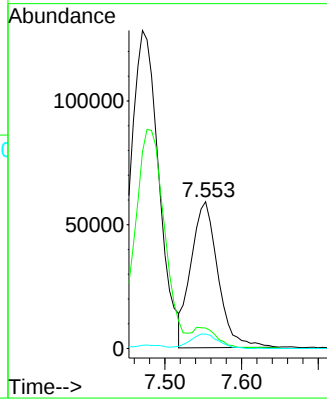
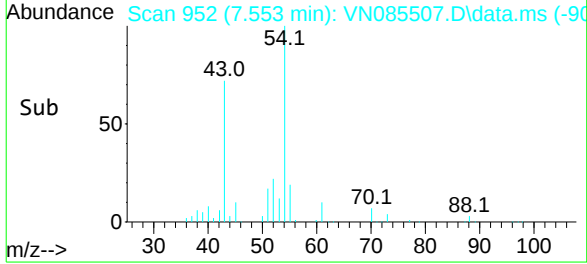
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



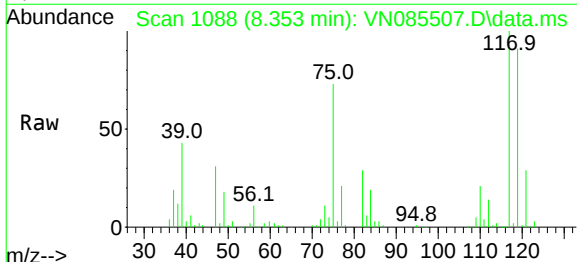
Tgt Ion: 43 Resp: 144082
Ion Ratio Lower Upper
43 100
61 14.0 10.9 16.3
70 10.4 7.5 11.3

Manual Integrations
APPROVED

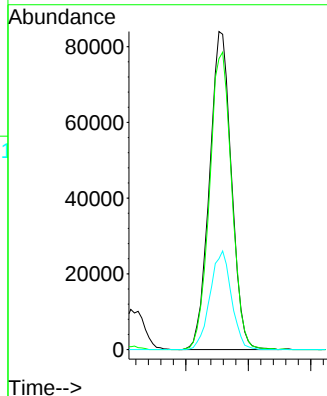
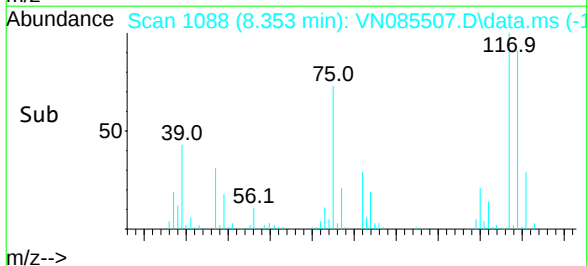
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

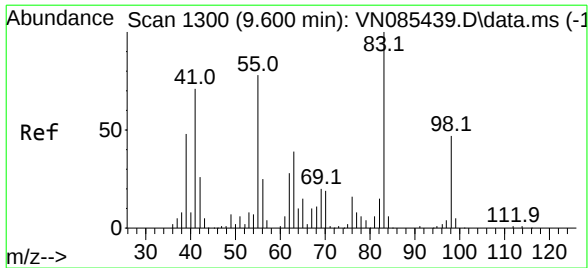


#38
Carbon Tetrachloride
Concen: 53.186 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47



Tgt Ion:117 Resp: 204961
Ion Ratio Lower Upper
117 100
119 91.5 75.4 113.2
121 28.6 24.6 37.0





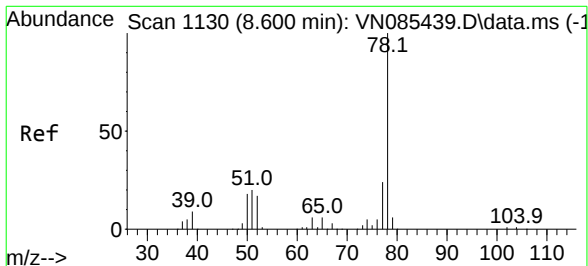
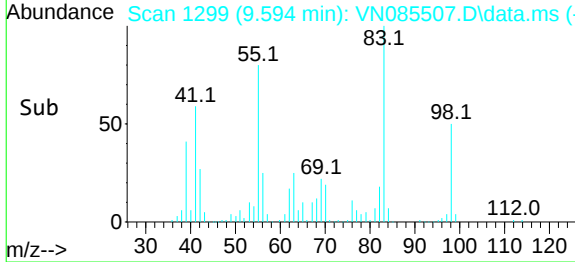
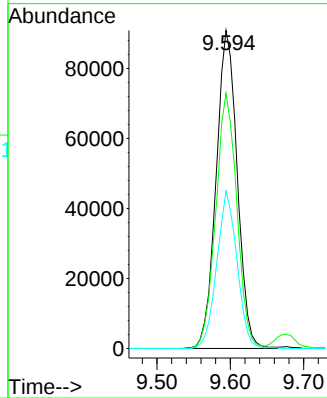
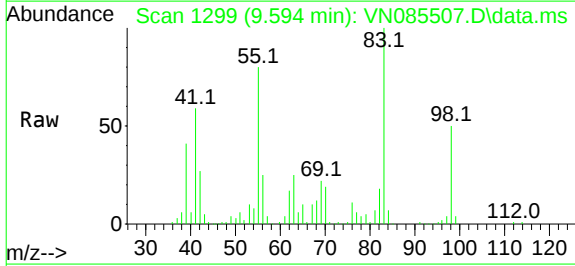
#39
Methylcyclohexane
Concen: 57.401 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 181570
Ion Ratio Lower Upper
83 100
55 80.2 62.6 94.0
98 49.5 37.7 56.5

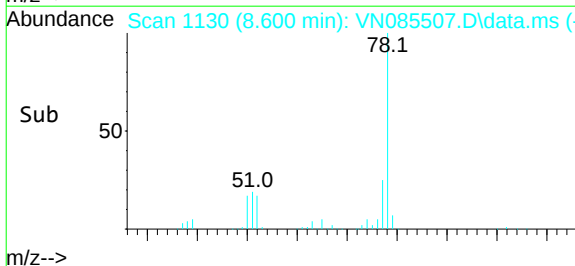
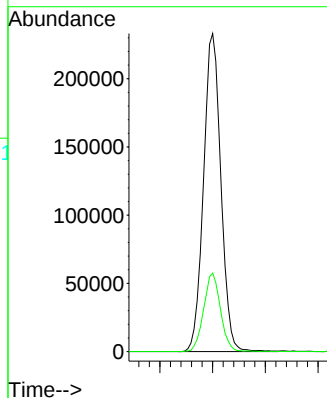
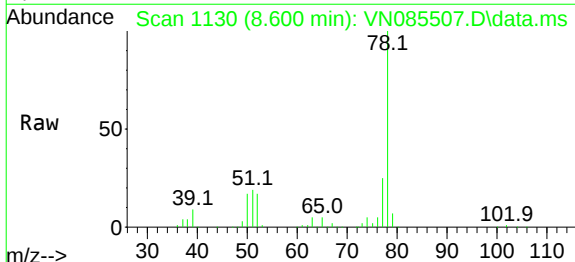
Manual Integrations
APPROVED

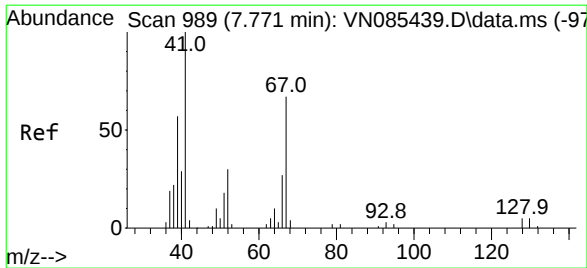
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#40
Benzene
Concen: 52.650 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion: 78 Resp: 532512
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.6





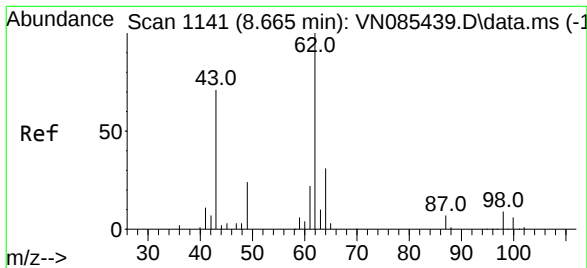
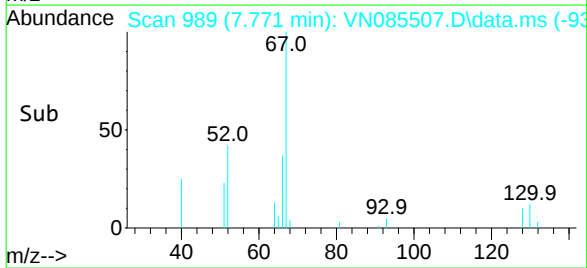
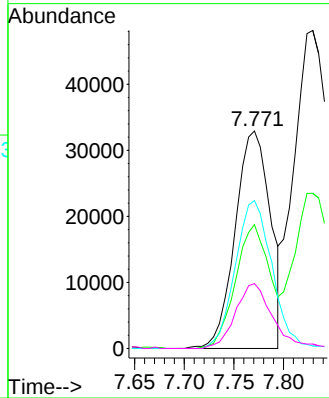
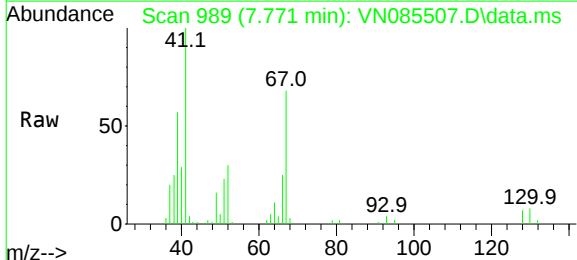
#41
Methacrylonitrile
Concen: 45.887 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	81112
Ion	Ratio	Lower	Upper
41	100		
39	55.3	46.0	69.0
67	71.2	57.4	86.2
52	32.0	25.5	38.3

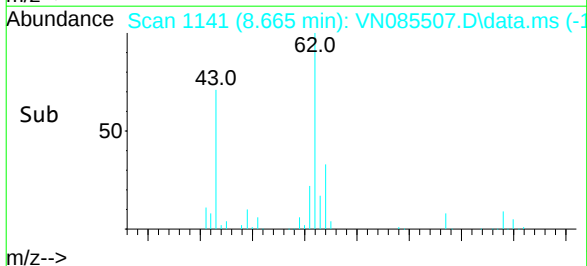
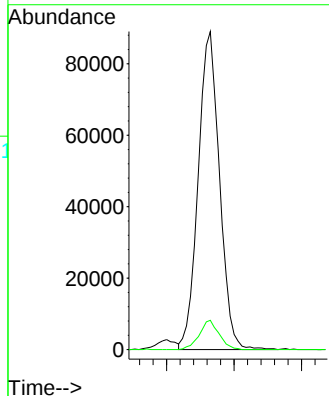
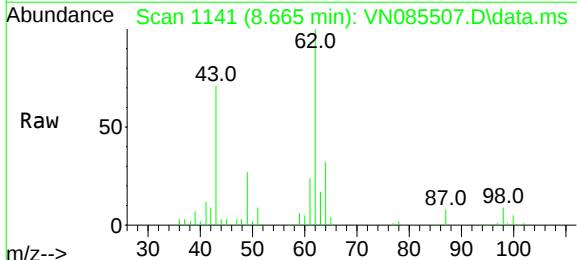
Manual Integrations
APPROVED

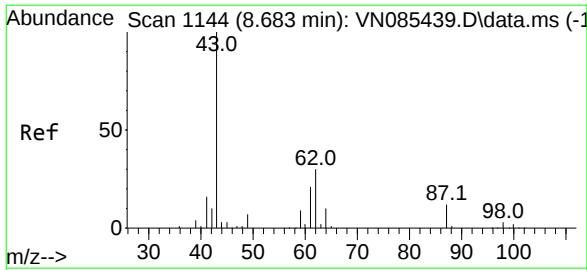
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#42
1,2-Dichloroethane
Concen: 51.316 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion:	62	Resp:	195476
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 45.131 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

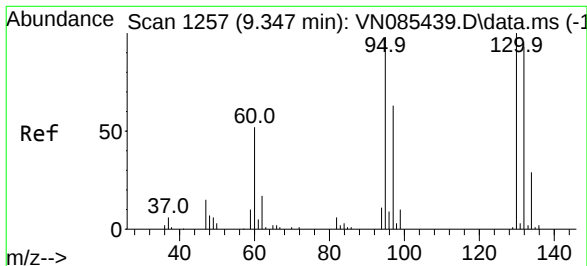
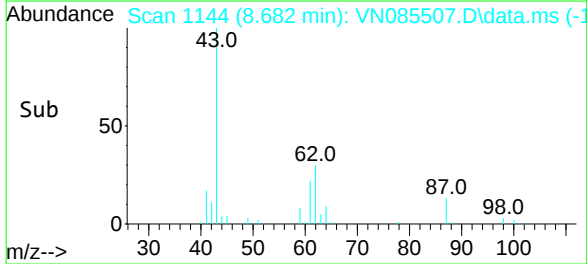
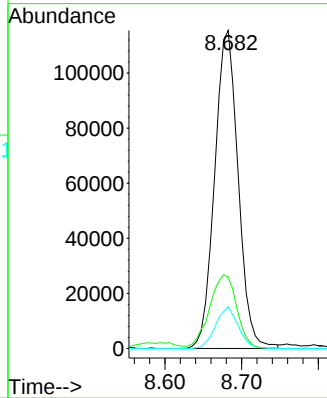
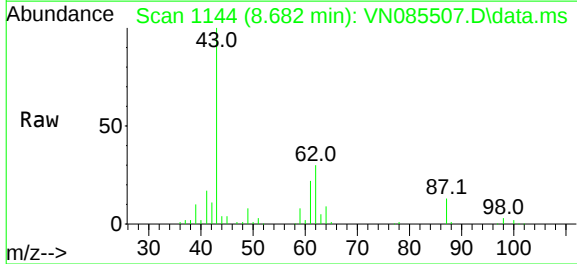
Tgt Ion:	43	Resp:	245704
Ion	Ratio	Lower	Upper
43	100		
61	27.1	20.7	31.1
87	12.5	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#44

Trichloroethene

Concen: 51.712 ug/l

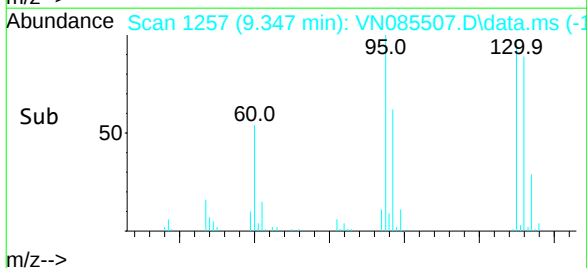
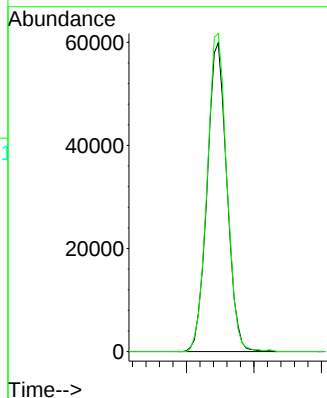
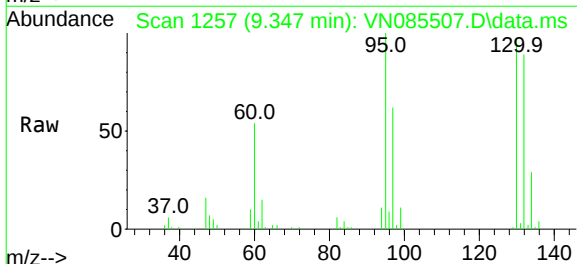
RT: 9.347 min Scan# 1257

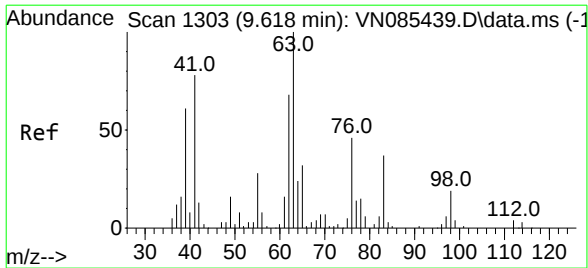
Delta R.T. -0.000 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Tgt Ion:	130	Resp:	121746
Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	195.8





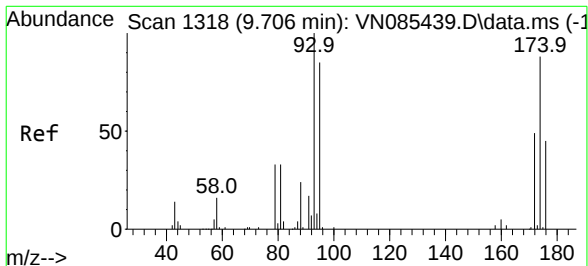
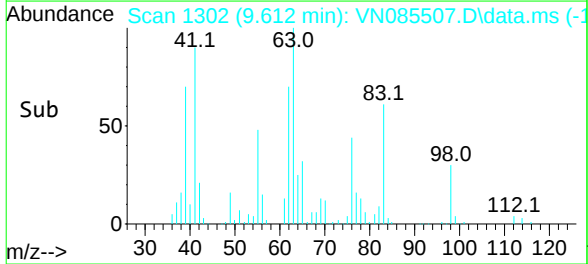
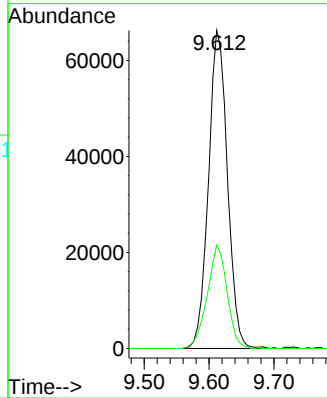
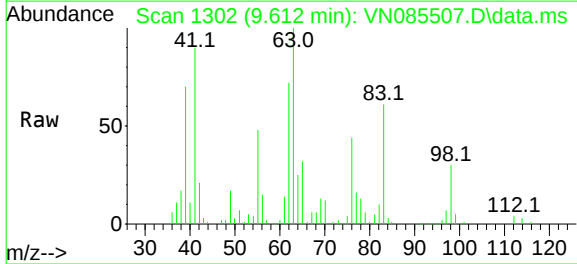
#45
1,2-Dichloropropane
Concen: 52.013 ug/l
RT: 9.612 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 134373
Ion Ratio Lower Upper
63 100
65 32.5 25.6 38.4

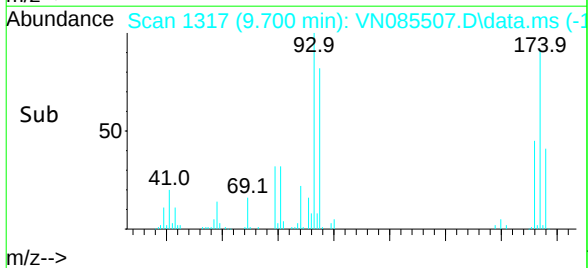
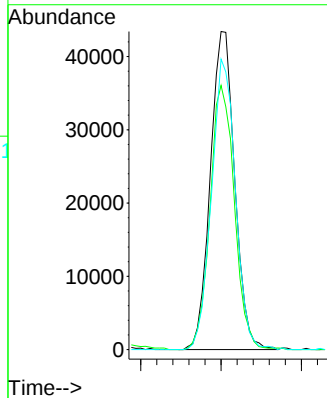
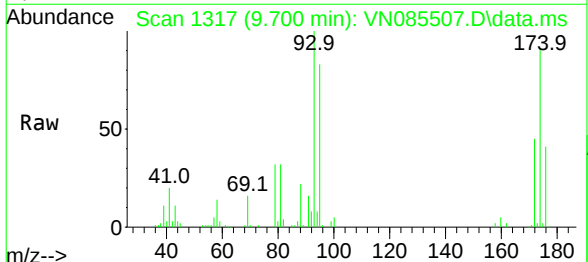
Manual Integrations
APPROVED

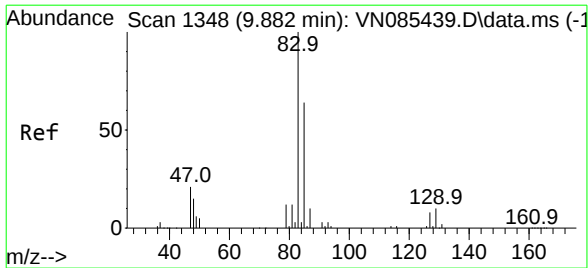
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#46
Dibromomethane
Concen: 49.085 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion: 93 Resp: 91500
Ion Ratio Lower Upper
93 100
95 83.0 64.7 97.1
174 89.6 69.0 103.4





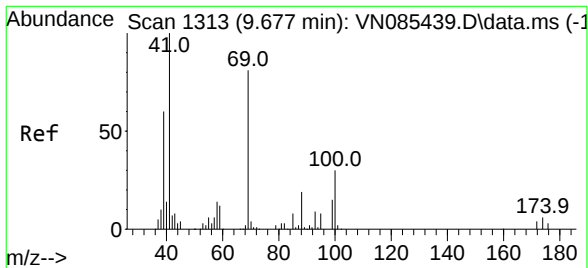
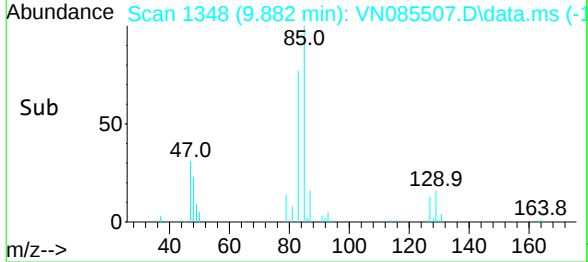
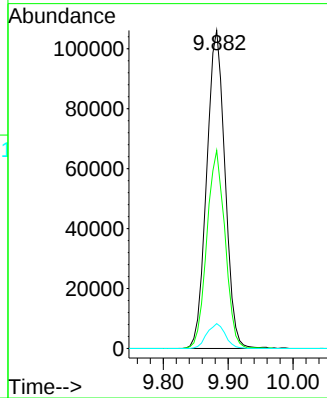
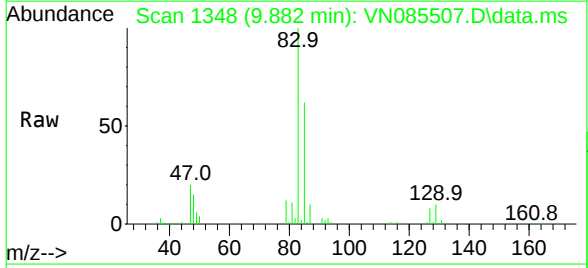
#47
Bromodichloromethane
Concen: 54.780 ug/l
RT: 9.882 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 208041
Ion Ratio Lower Upper
83 100
85 62.3 51.2 76.8
127 7.8 6.5 9.7

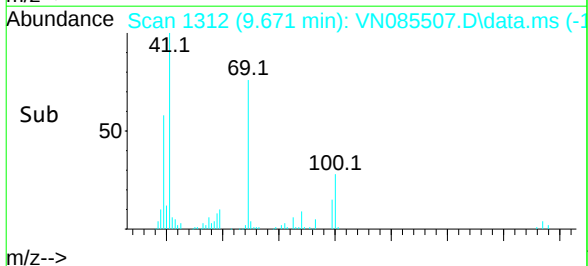
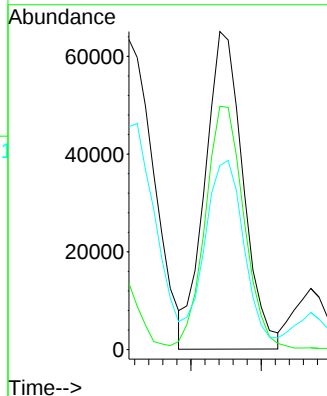
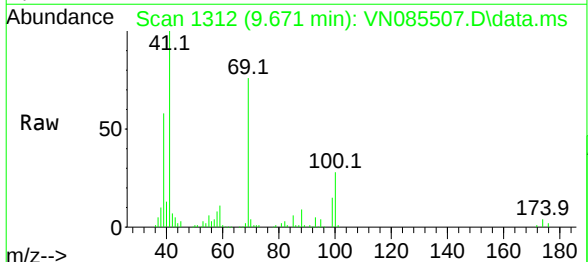
Manual Integrations
APPROVED

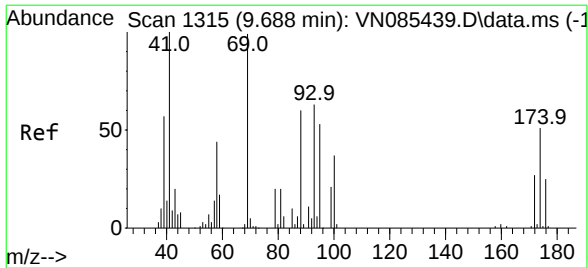
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#48
Methyl methacrylate
Concen: 49.969 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

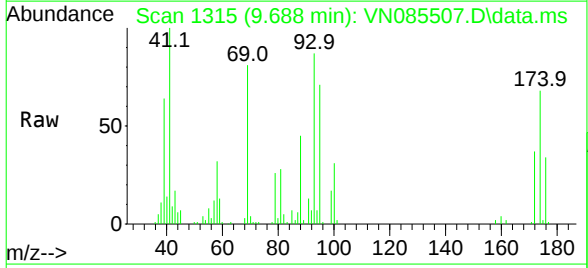
Tgt Ion: 41 Resp: 122424
Ion Ratio Lower Upper
41 100
69 78.0 64.7 97.1
39 62.4 49.0 73.6





#49
1,4-Dioxane
Concen: 715.721 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

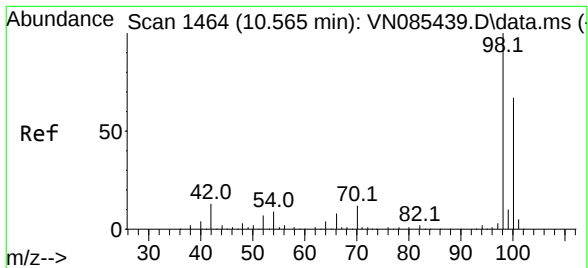
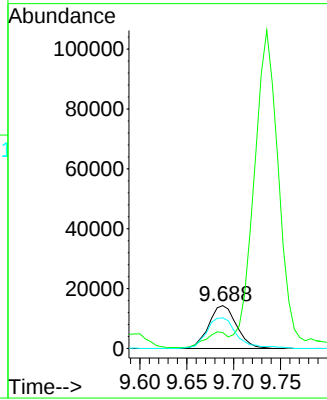
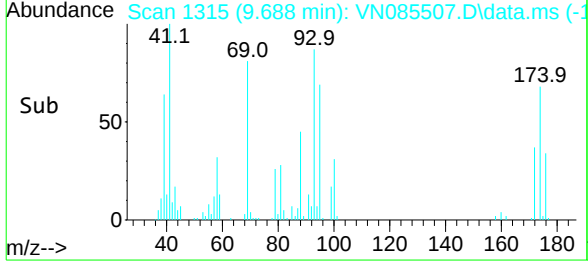
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



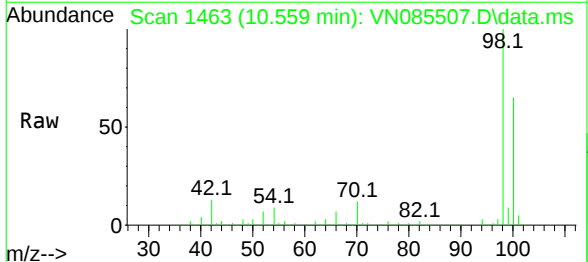
Tgt Ion: 88 Resp: 29529
Ion Ratio Lower Upper
88 100
43 30.4 26.6 39.8
58 78.0 59.5 89.3

Manual Integrations
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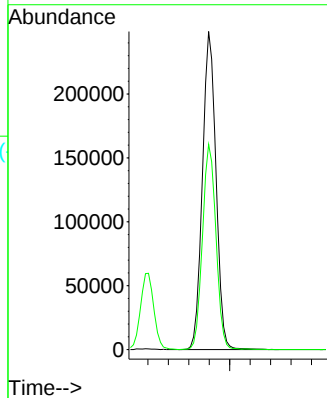
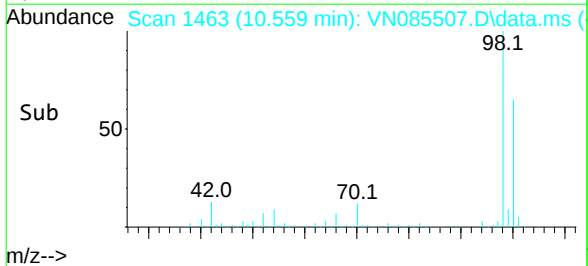
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

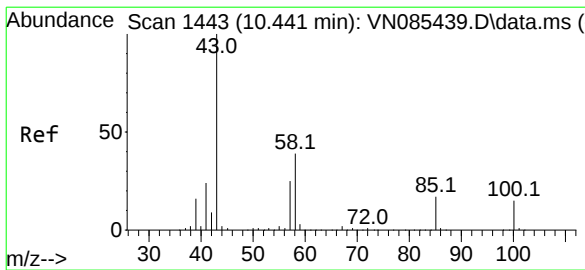


#50
Toluene-d8
Concen: 53.769 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47



Tgt Ion: 98 Resp: 458195
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4





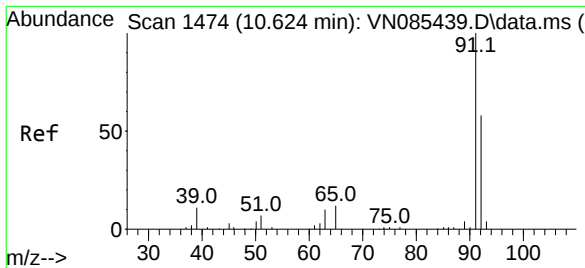
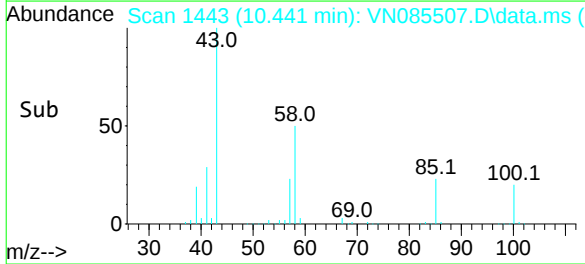
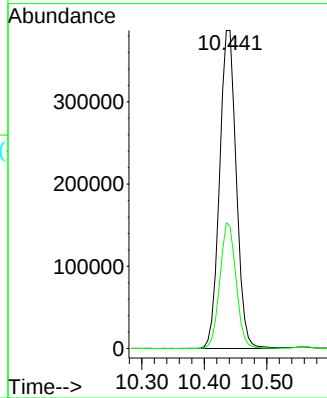
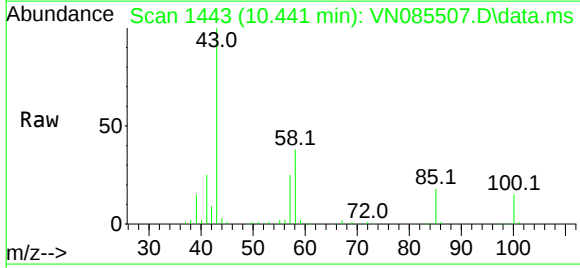
#51
4-Methyl-2-Pentanone
Concen: 227.714 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 719396
Ion Ratio Lower Upper
43 100
58 38.4 30.5 45.7

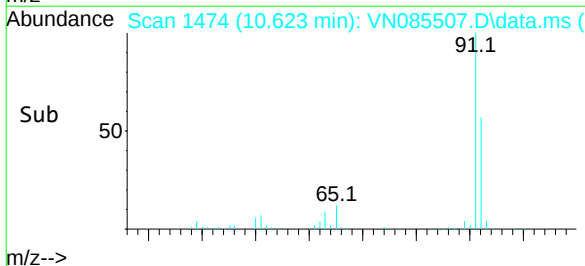
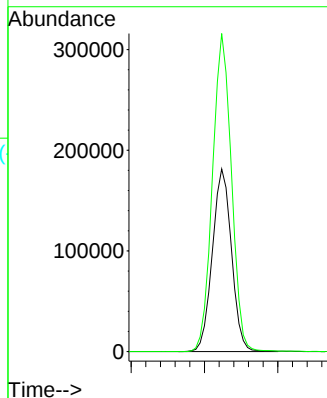
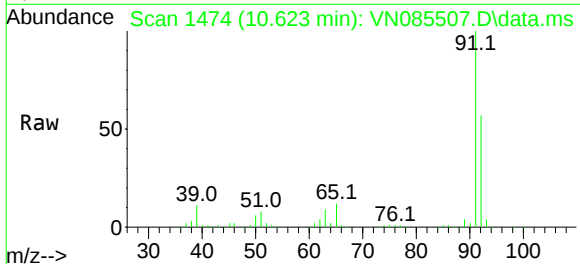
Manual Integrations
APPROVED

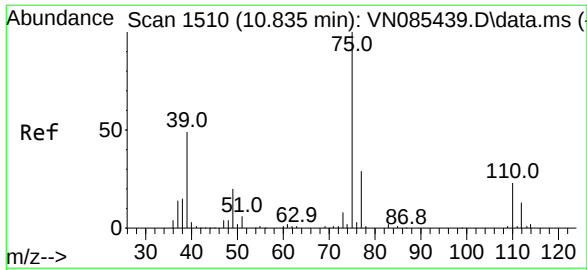
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#52
Toluene
Concen: 56.081 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.001 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

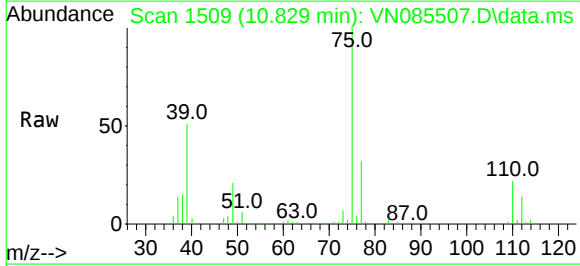
Tgt Ion: 92 Resp: 328653
Ion Ratio Lower Upper
92 100
91 172.8 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 55.007 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

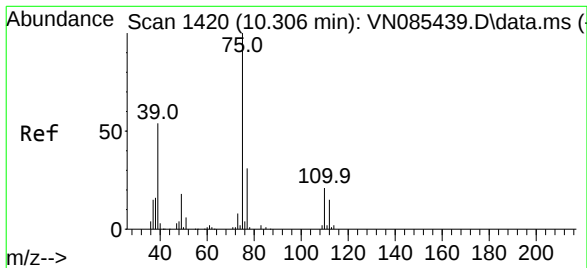
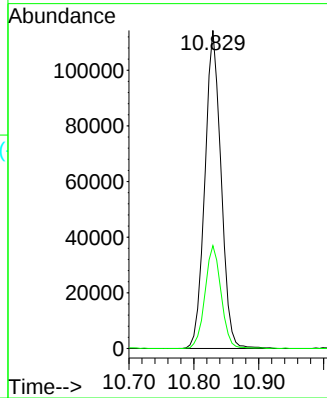
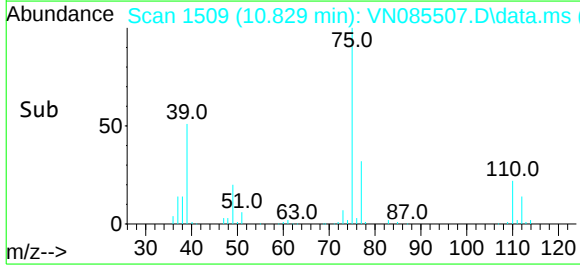
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 197419
Ion Ratio Lower Upper
75 100
77 32.3 23.5 35.3

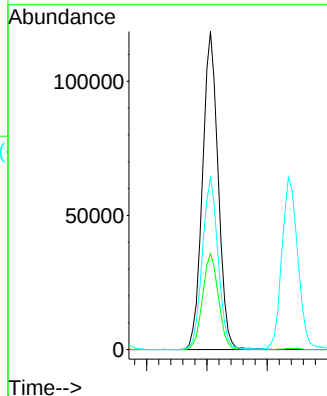
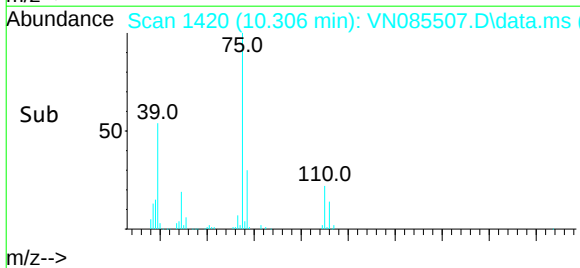
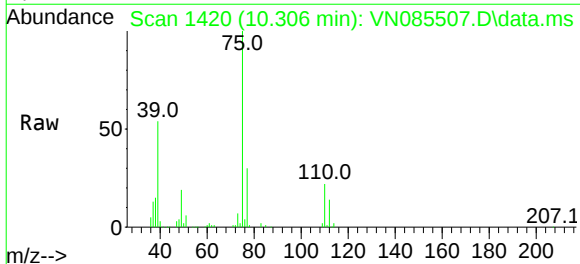
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#54
cis-1,3-Dichloropropene
Concen: 55.884 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

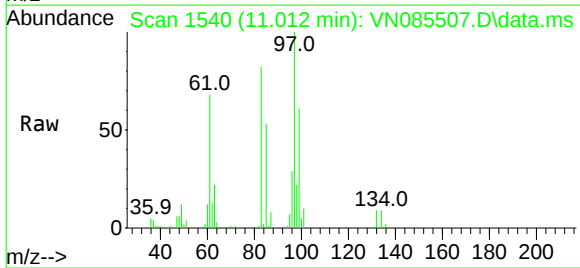
Tgt Ion: 75 Resp: 214238
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.4
39 54.1 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 51.322 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

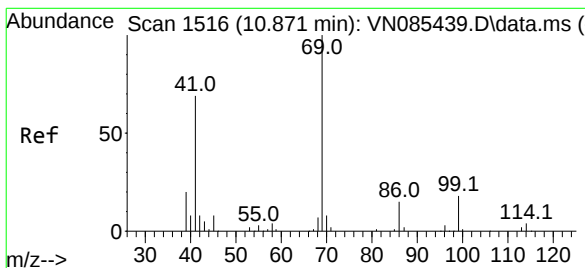
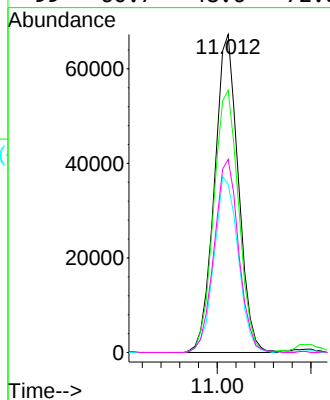
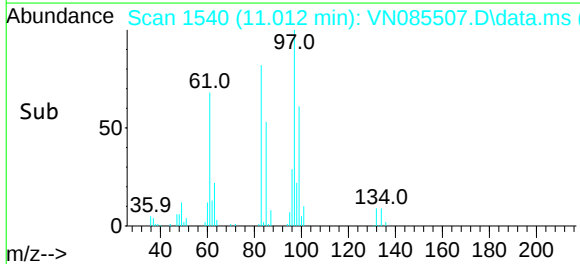
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



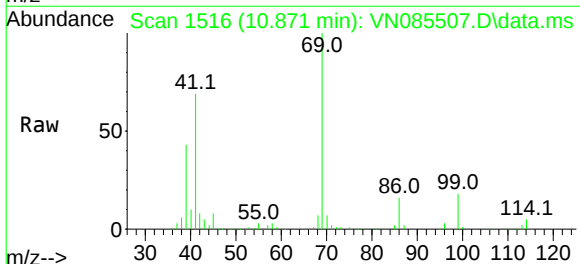
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	69.0	103.6
85	52.8	44.6	66.8
99	60.7	48.6	72.8

Manual Integrations
APPROVED

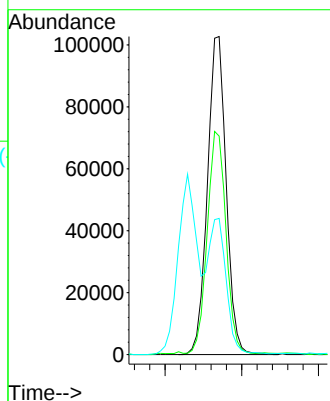
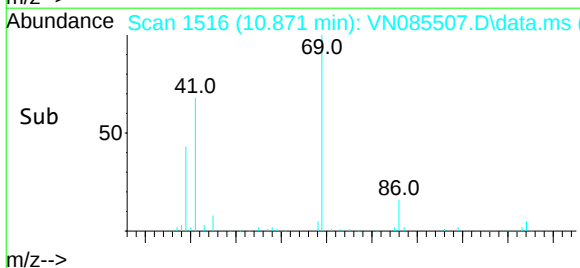
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

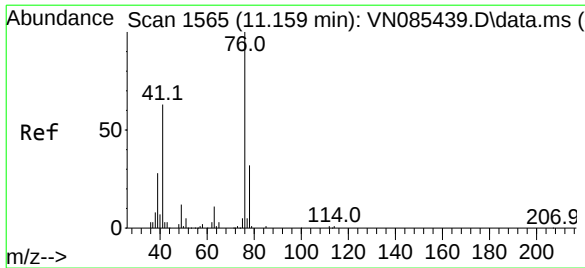


#56
Ethyl methacrylate
Concen: 44.917 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47



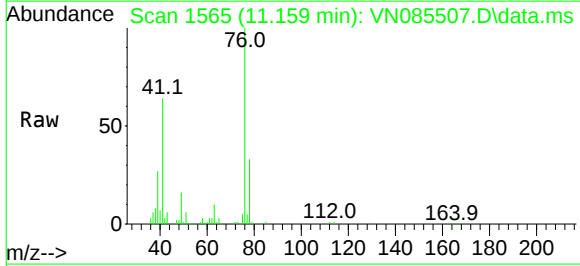
Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.3	54.6	82.0
39	37.5	32.4	48.6





#57
1,3-Dichloropropane
Concen: 52.364 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

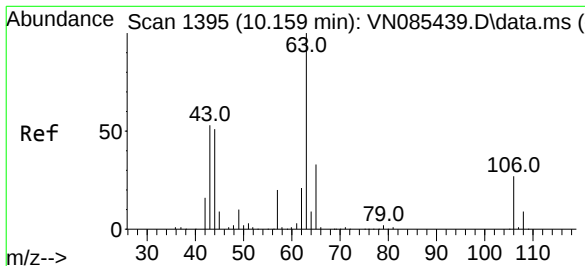
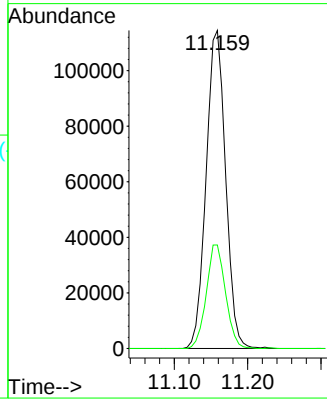
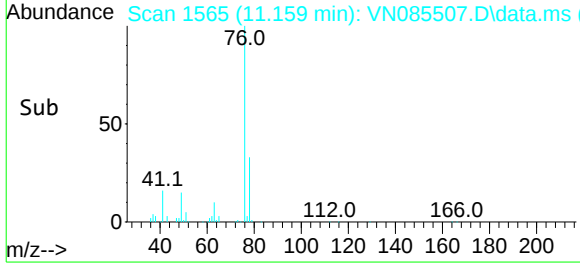
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 211165
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4

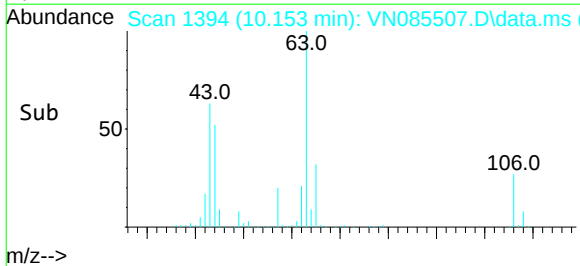
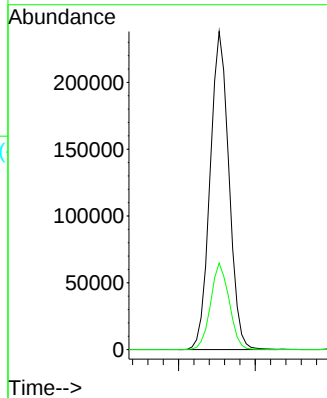
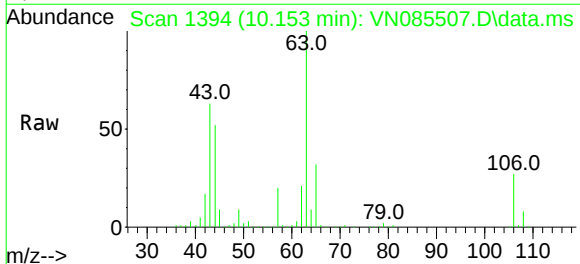
Manual Integrations
APPROVED

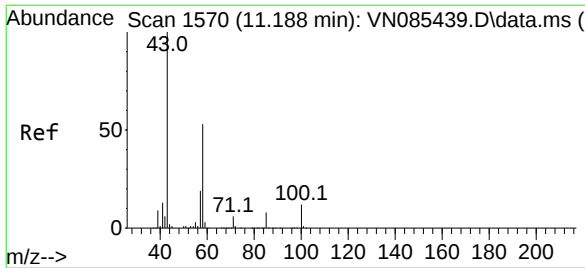
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#58
2-Chloroethyl Vinyl ether
Concen: 275.992 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion: 63 Resp: 406194
Ion Ratio Lower Upper
63 100
106 26.8 21.6 32.4





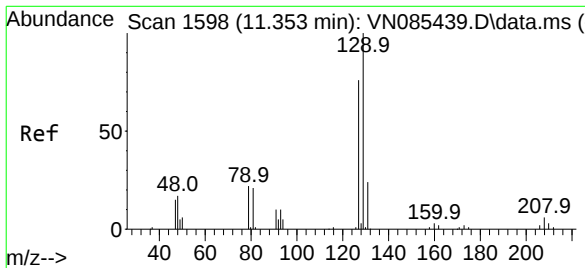
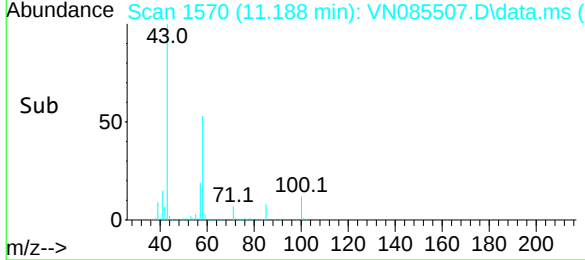
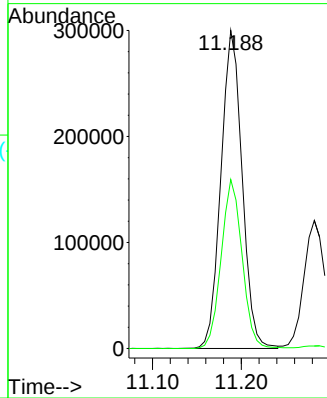
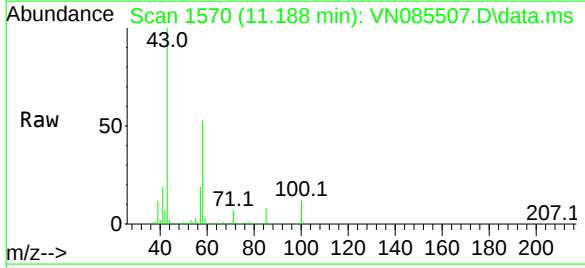
#59
2-Hexanone
Concen: 223.650 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 497152
Ion Ratio Lower Upper
43 100
58 52.5 26.2 78.6

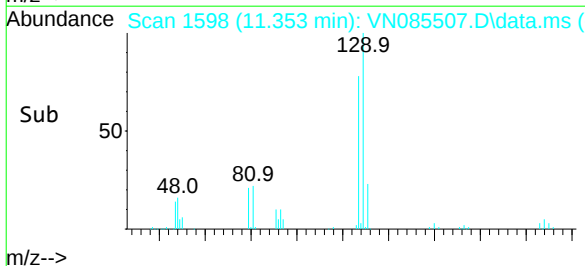
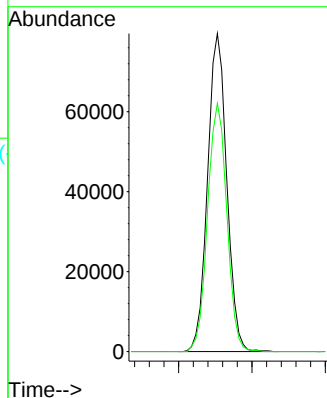
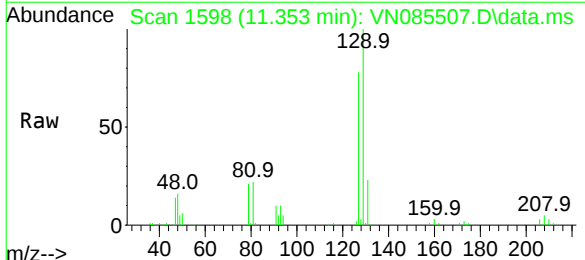
Manual Integrations
APPROVED

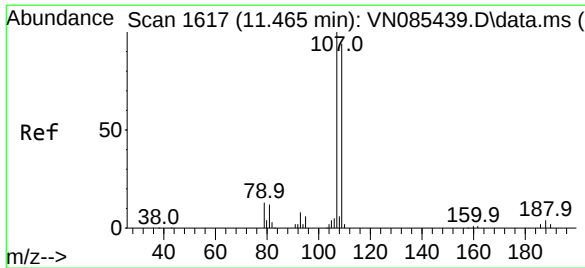
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#60
Dibromochloromethane
Concen: 51.628 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion:129 Resp: 144556
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8





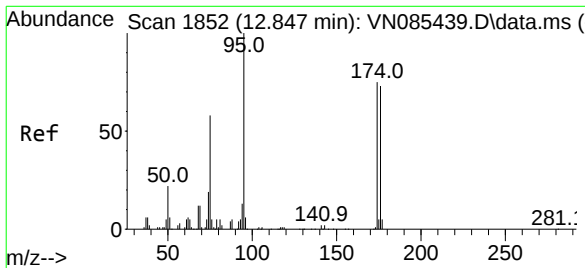
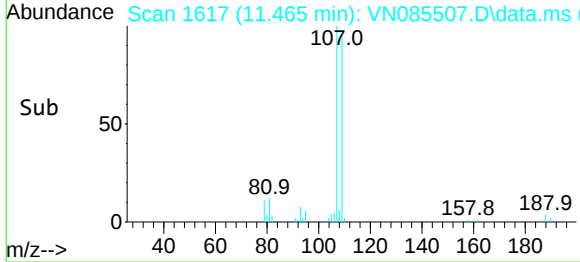
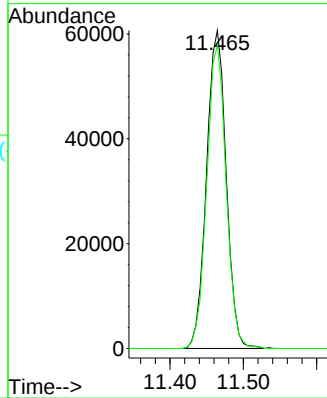
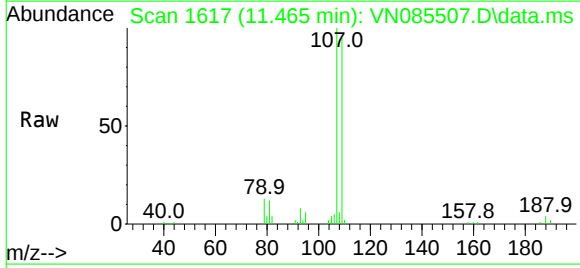
#61
1,2-Dibromoethane
Concen: 48.920 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 112936
Ion Ratio Lower Upper
107 100
109 93.7 75.9 113.9

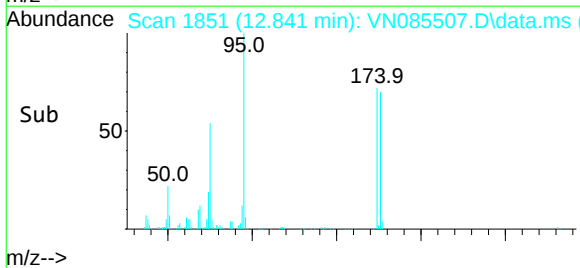
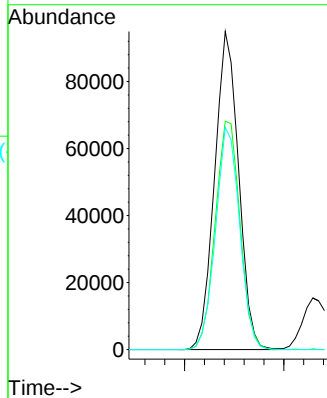
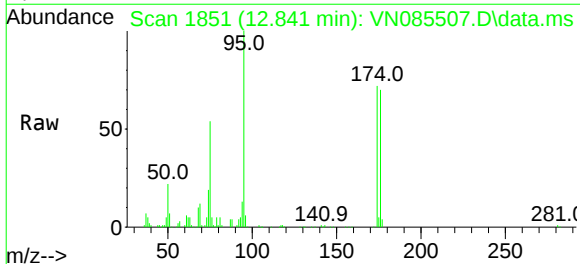
Manual Integrations
APPROVED

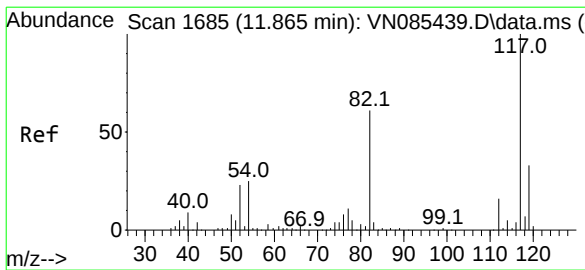
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#62
4-Bromofluorobenzene
Concen: 54.774 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion: 95 Resp: 159666
Ion Ratio Lower Upper
95 100
174 74.0 0.0 145.0
176 70.1 0.0 142.4





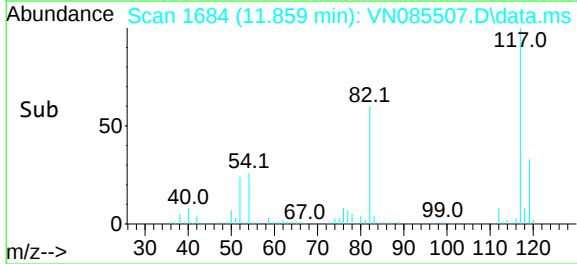
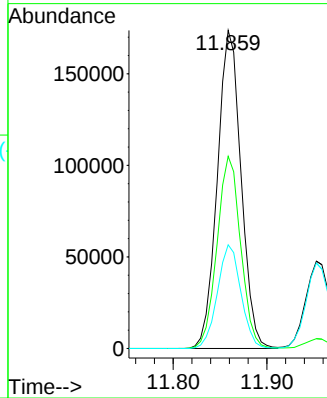
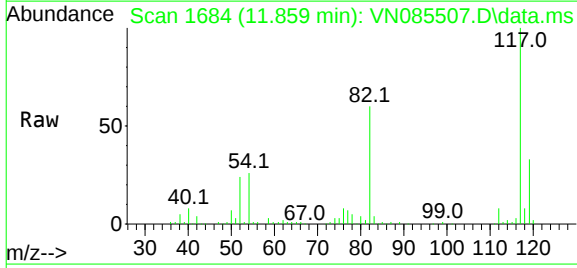
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 305250
Ion Ratio Lower Upper
117 100
82 60.4 48.6 72.8
119 32.6 26.6 39.8

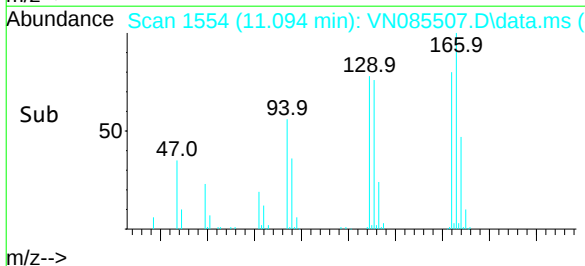
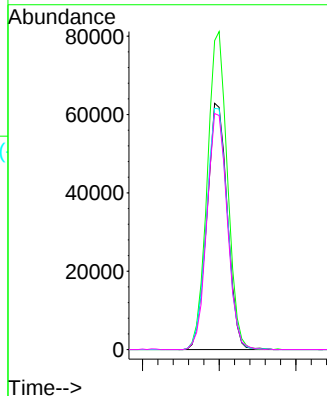
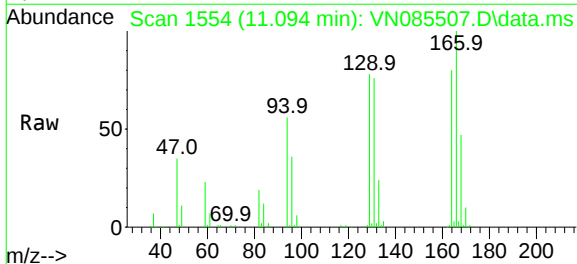
Manual Integrations
APPROVED

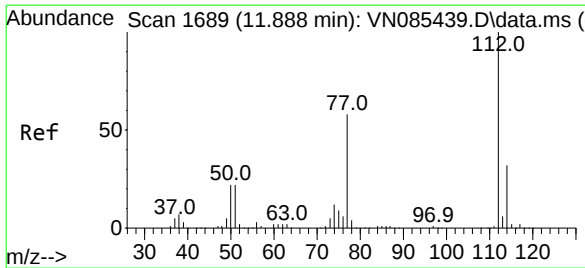
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#64
Tetrachloroethene
Concen: 55.923 ug/l
RT: 11.094 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion:164 Resp: 116376
Ion Ratio Lower Upper
164 100
166 125.5 103.4 155.2
129 97.9 79.2 118.8
131 95.8 77.1 115.7





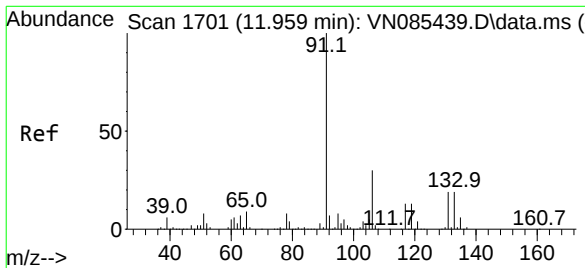
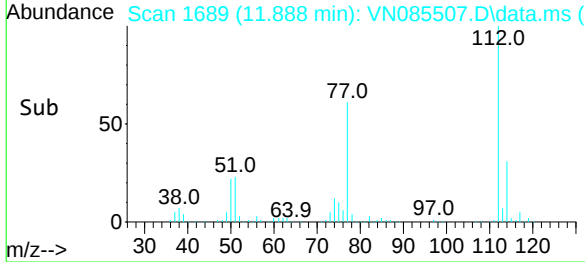
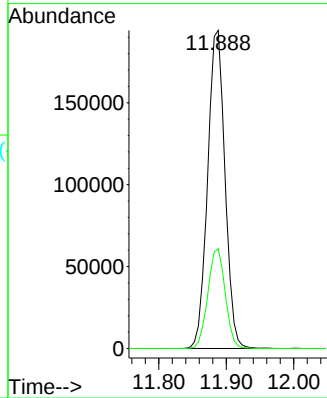
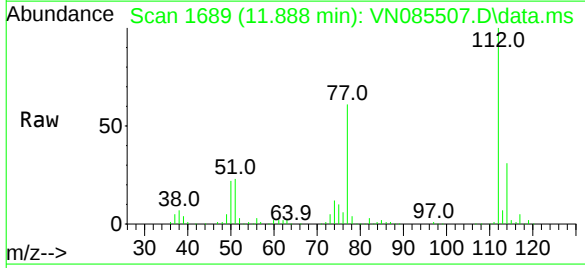
#65
Chlorobenzene
Concen: 51.886 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 346962
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9

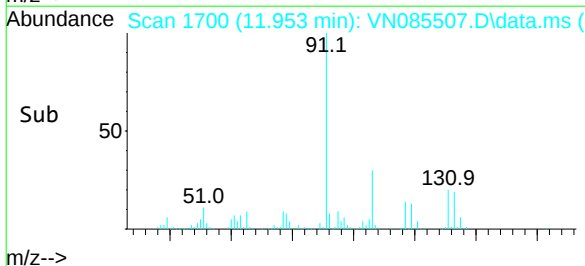
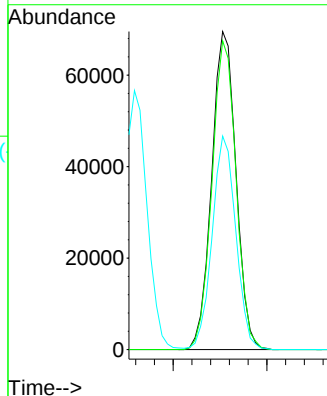
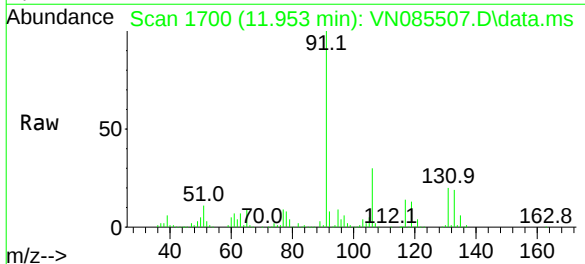
Manual Integrations
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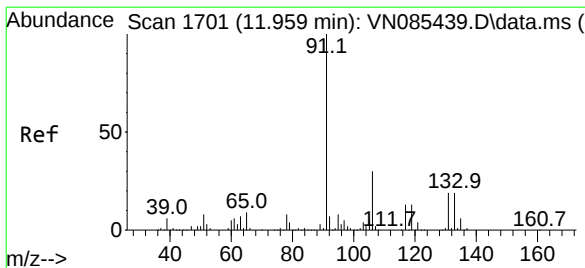
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.029 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion:131 Resp: 125239
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.3
119 65.4 33.1 99.5





#67

Ethyl Benzene

Concen: 57.164 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 622597

Ion Ratio Lower Upper

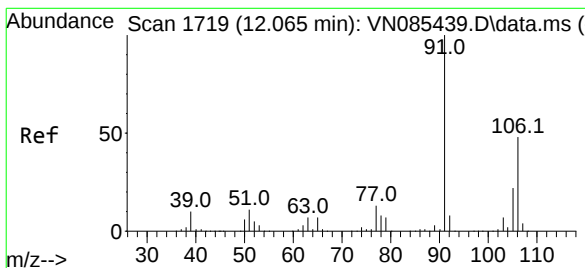
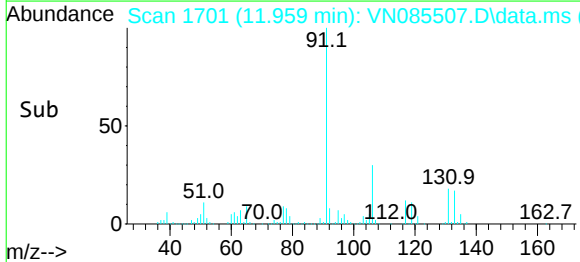
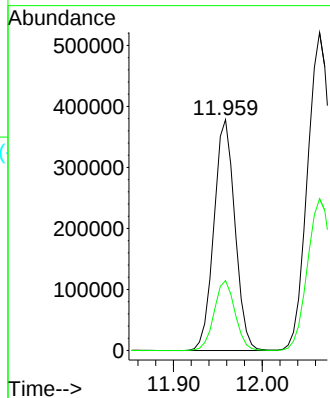
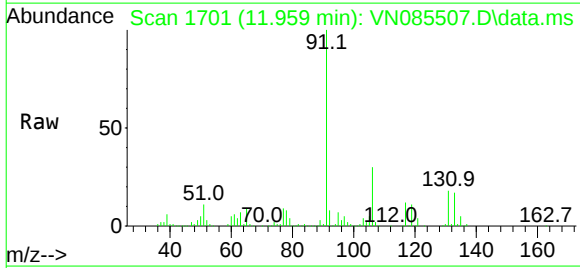
91 100

106 30.3 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#68

m/p-Xylenes

Concen: 118.843 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN085507.D

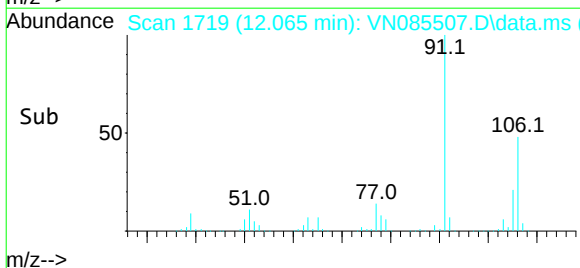
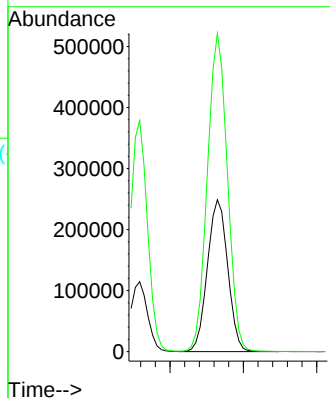
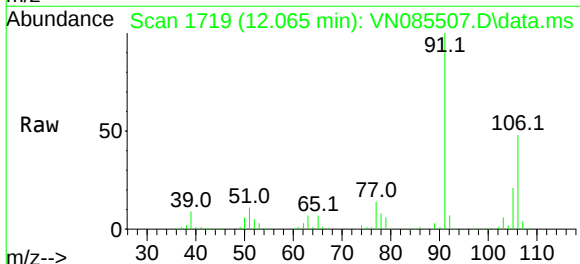
Acq: 21 Jan 2025 10:47

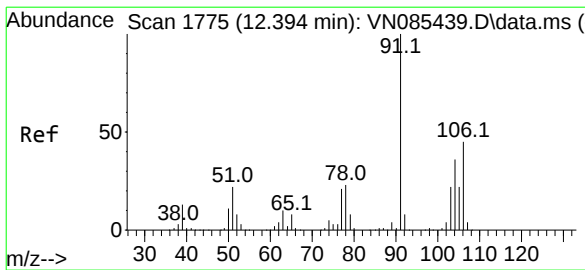
Tgt Ion:106 Resp: 478377

Ion Ratio Lower Upper

106 100

91 206.5 167.7 251.5





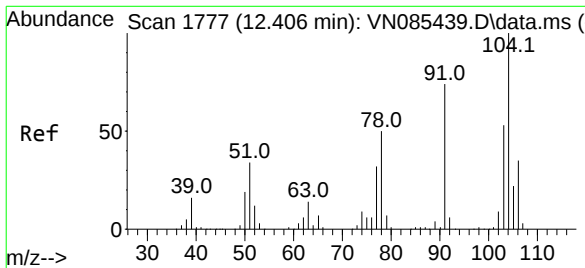
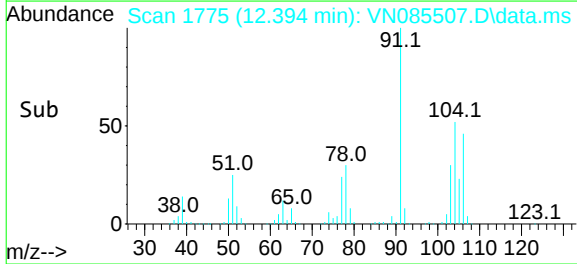
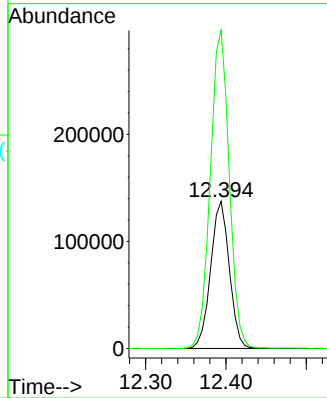
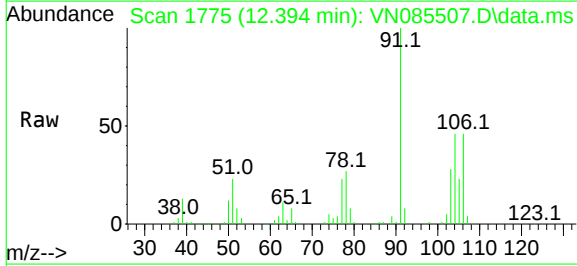
#69
o-Xylene
Concen: 57.690 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 221922
Ion Ratio Lower Upper
106 100
91 219.1 110.4 331.2

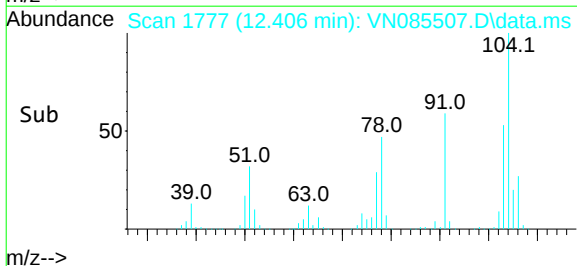
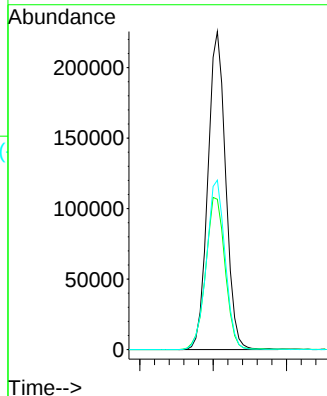
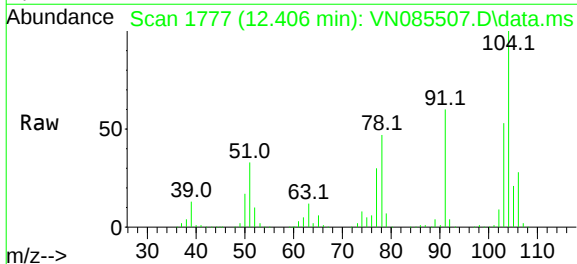
Manual Integrations
APPROVED

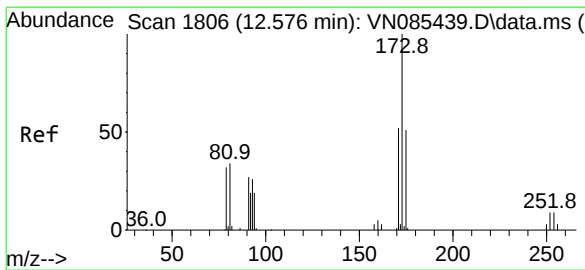
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#70
Styrene
Concen: 59.814 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion:104 Resp: 380801
Ion Ratio Lower Upper
104 100
78 52.1 42.5 63.7
103 56.0 43.8 65.8





#71

Bromoform

Concen: 51.139 ug/l

RT: 12.570 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 89803

Ion Ratio Lower Upper

173 100

175 47.6 24.4 73.2

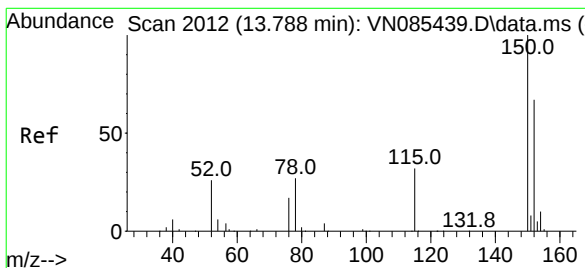
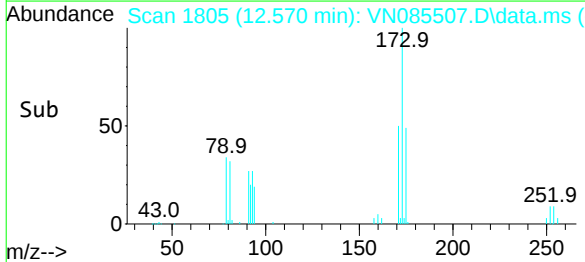
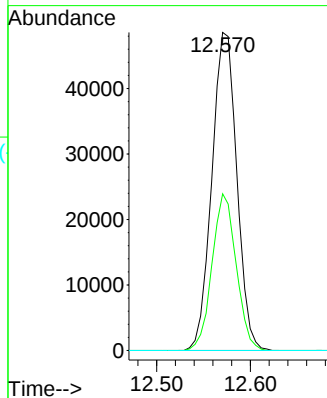
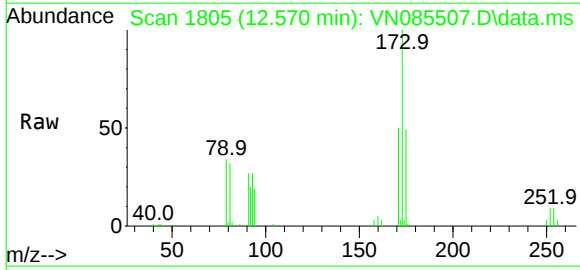
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

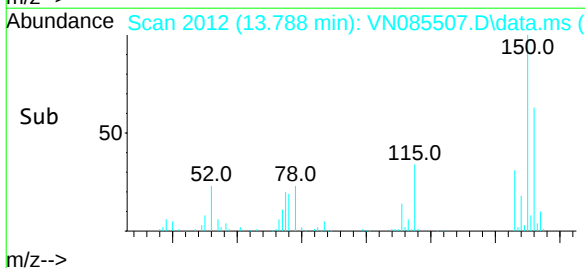
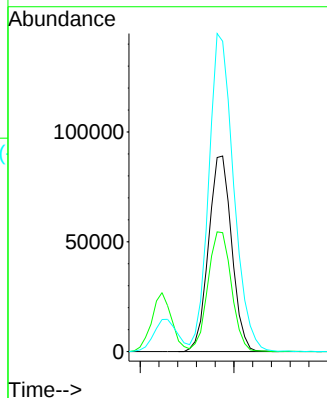
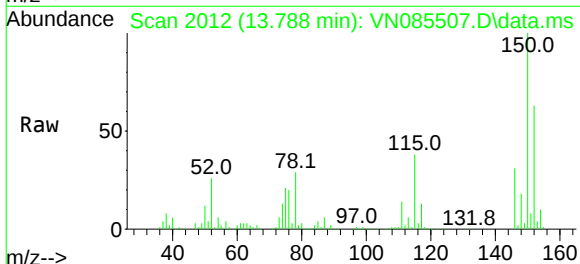
Tgt Ion:152 Resp: 152751

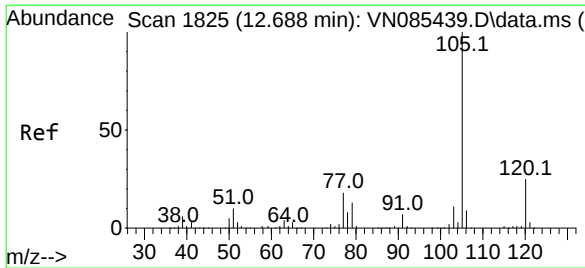
Ion Ratio Lower Upper

152 100

115 62.2 31.1 93.3

150 174.9 0.0 343.6





#73

Isopropylbenzene

Concen: 55.796 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. -0.000 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 575222

Ion Ratio Lower Upper

105 100

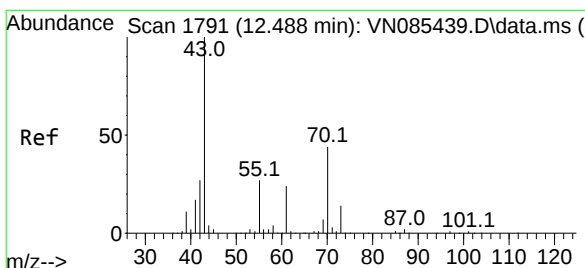
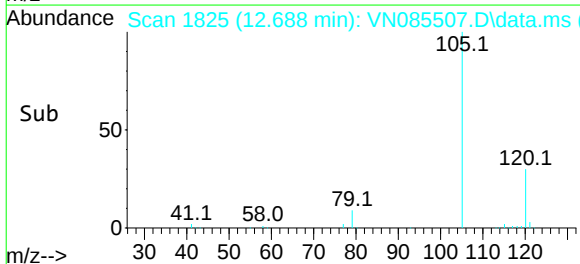
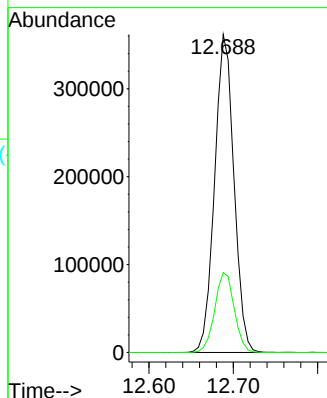
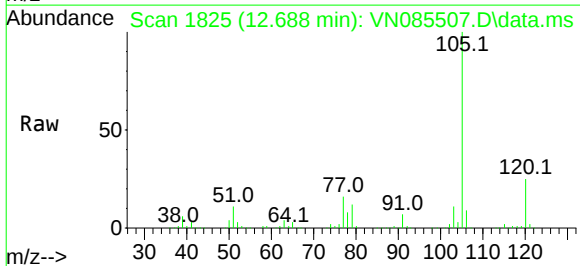
120 25.3 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#74

N-ethyl acetate

Concen: 46.414 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Tgt Ion: 43 Resp: 215074

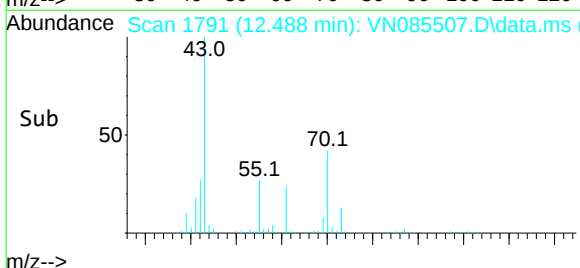
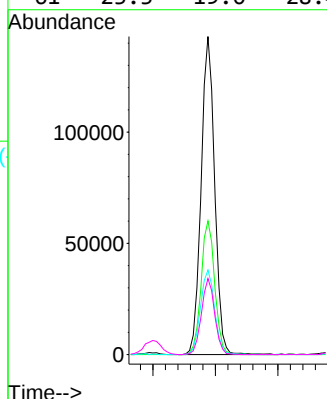
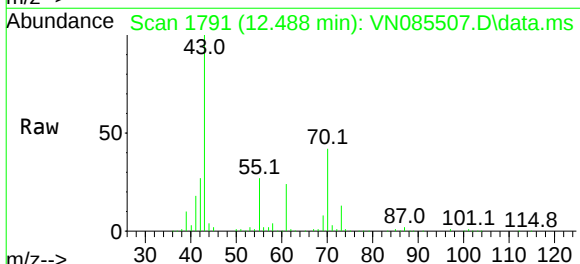
Ion Ratio Lower Upper

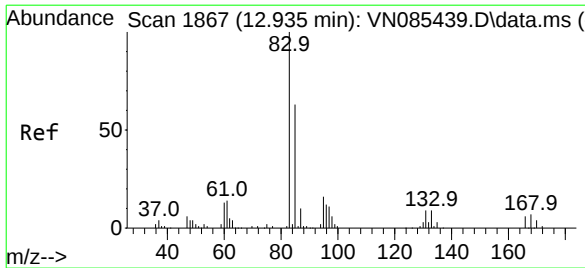
43 100

70 42.0 34.0 51.0

55 27.8 21.4 32.2

61 23.3 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 42.822 ug/l

RT: 12.929 min Scan# 1866

Delta R.T. -0.006 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

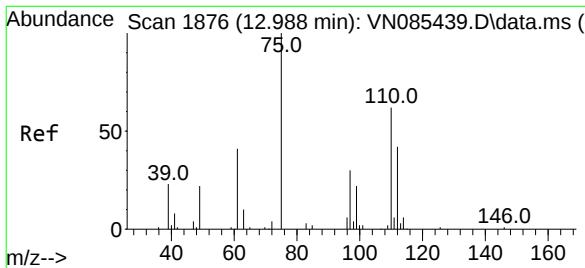
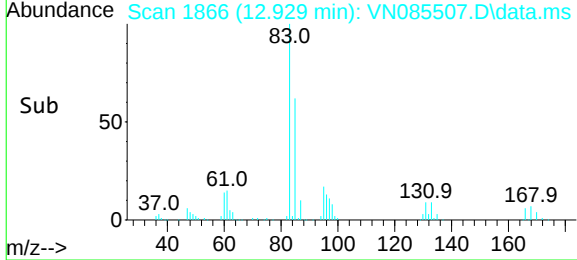
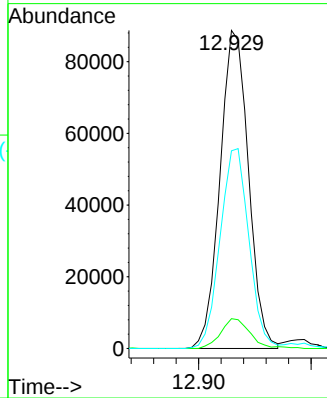
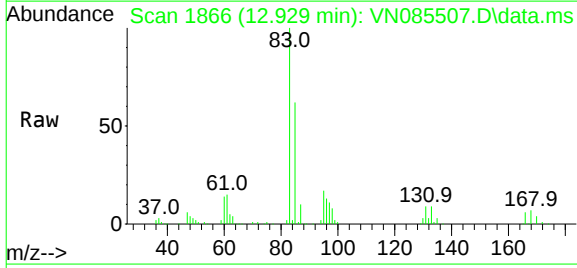
VSTDCCC050

Tgt Ion:	83	Resp:	155946
Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.8	14.4
85	63.7	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#76

1,2,3-Trichloropropane

Concen: 44.974 ug/l m

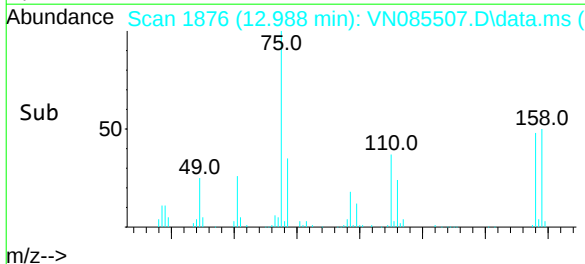
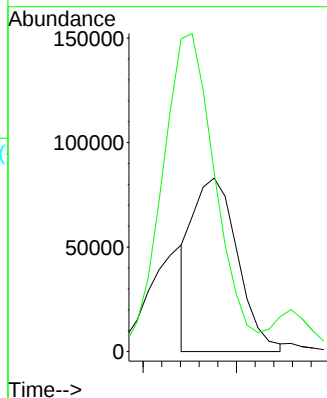
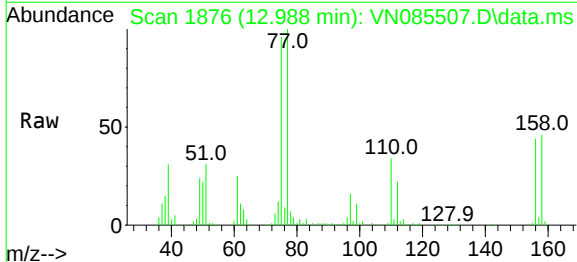
RT: 12.988 min Scan# 1876

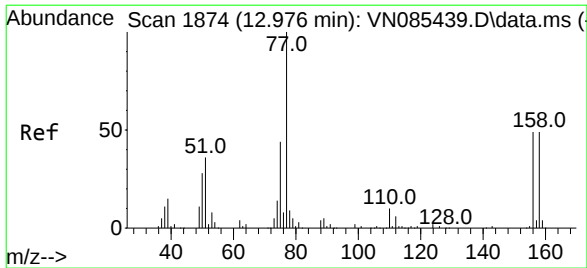
Delta R.T. -0.000 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

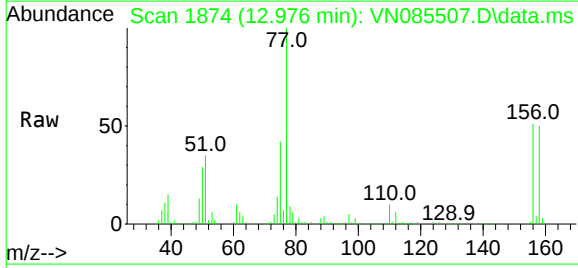
Tgt Ion:	75	Resp:	139631
Ion	Ratio	Lower	Upper
75	100		
77	216.5	109.7	329.2





#77
Bromobenzene
Concen: 50.358 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

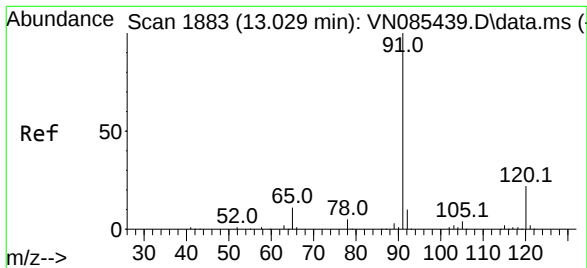
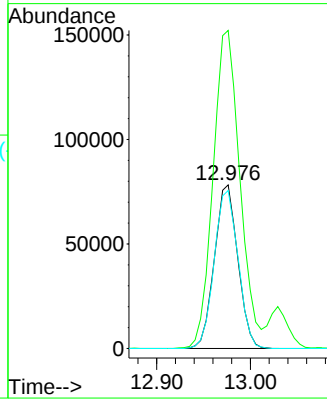
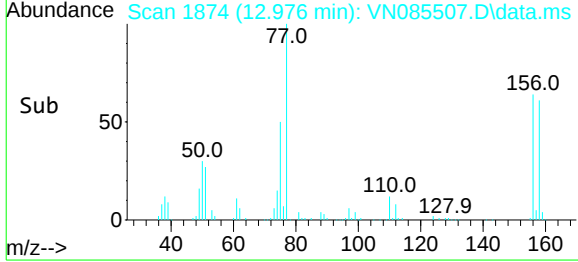
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



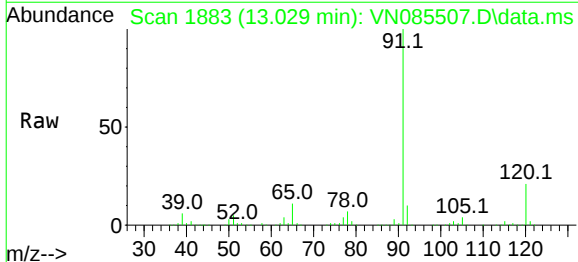
Tgt Ion: 156 Resp: 135638
Ion Ratio Lower Upper
156 100
77 222.8 114.1 342.4
158 98.7 48.9 146.8

Manual Integrations
APPROVED

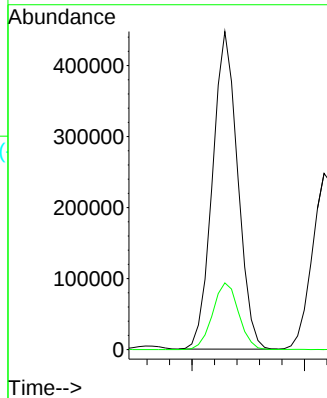
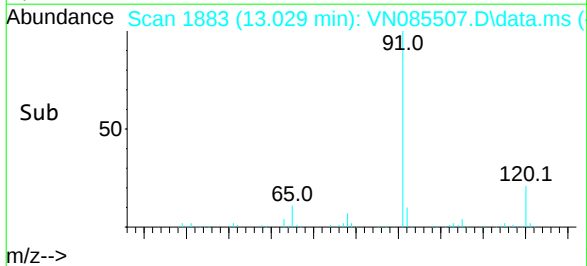
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

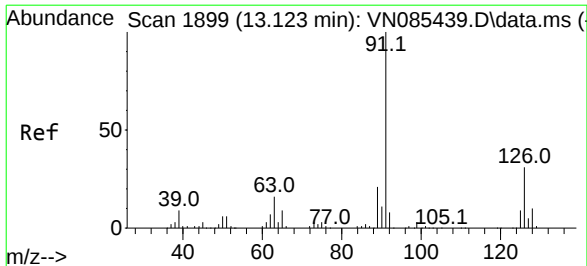


#78
n-propylbenzene
Concen: 57.079 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47



Tgt Ion: 91 Resp: 696632
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6





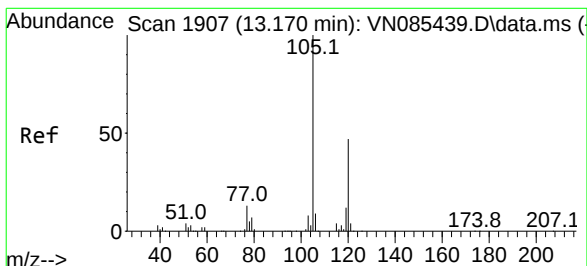
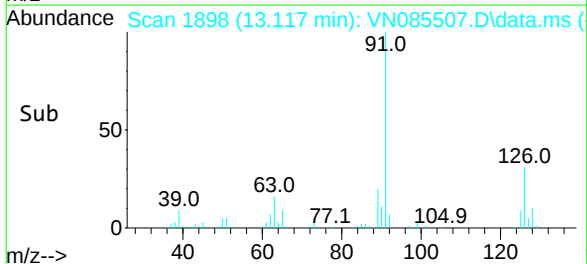
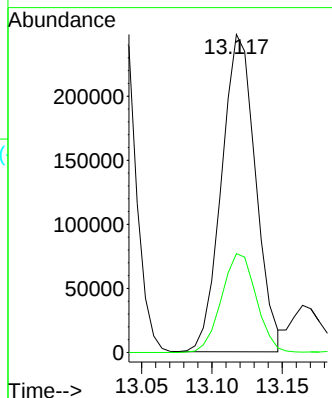
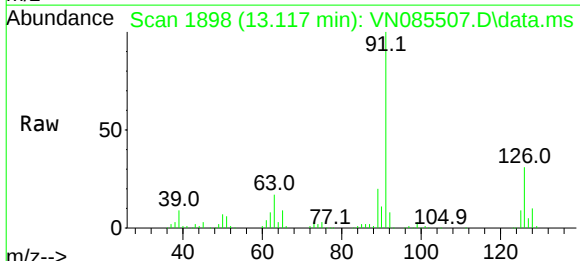
#79
2-Chlorotoluene
Concen: 52.829 ug/l
RT: 13.117 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 417284
Ion Ratio Lower Upper
91 100
126 31.8 15.7 47.1

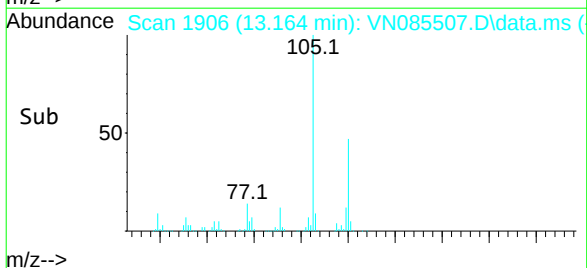
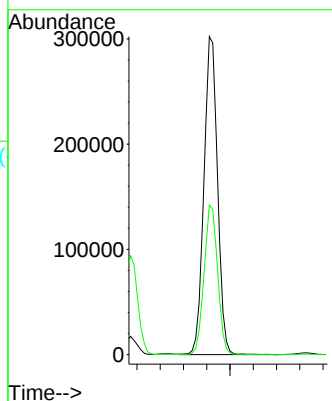
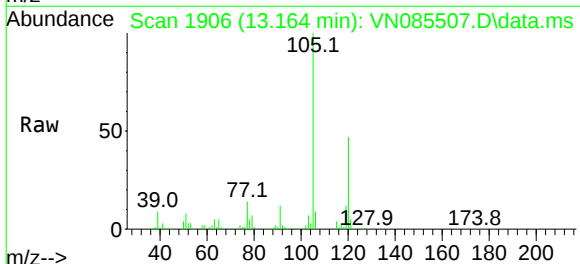
Manual Integrations
APPROVED

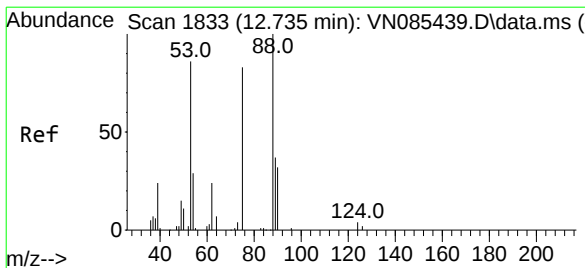
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 57.674 ug/l
RT: 13.164 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion:105 Resp: 491130
Ion Ratio Lower Upper
105 100
120 46.9 23.9 71.7





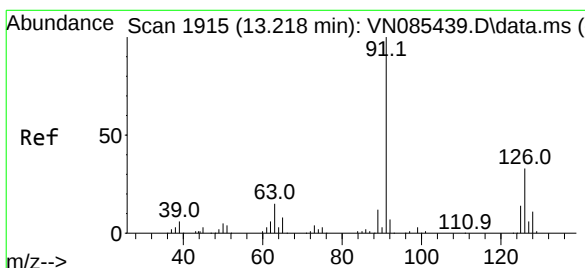
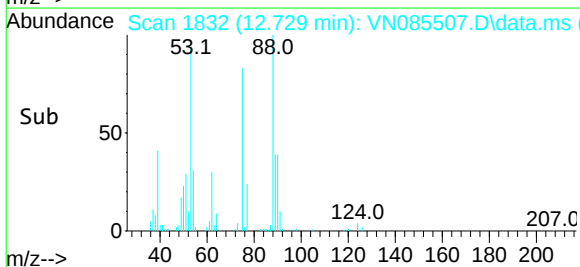
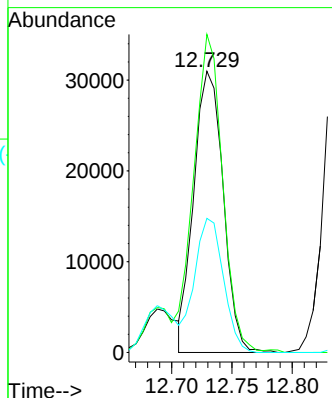
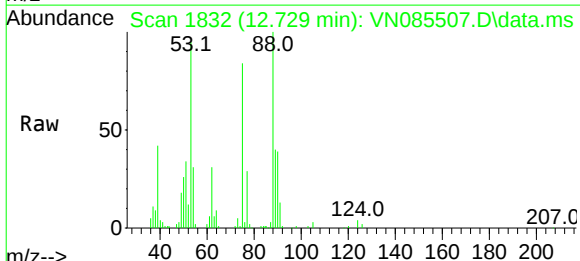
#81
trans-1,4-Dichloro-2-butene
Concen: 45.821 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	112.6	95.6	143.4
89	47.3	37.0	55.6

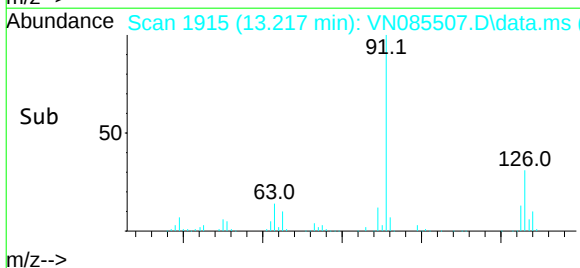
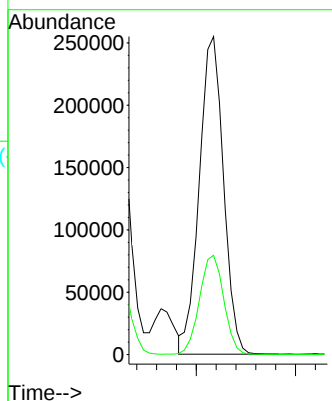
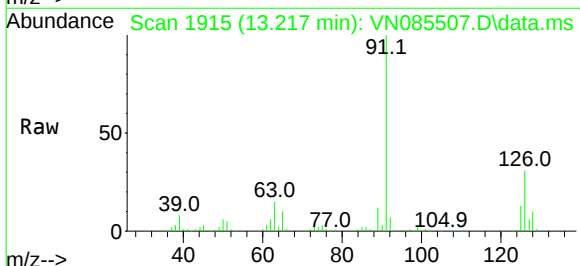
Manual Integrations
APPROVED

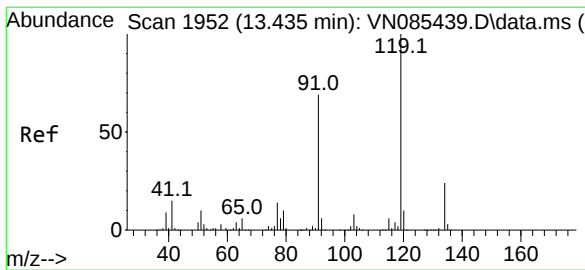
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#82
4-Chlorotoluene
Concen: 54.817 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.9	47.7





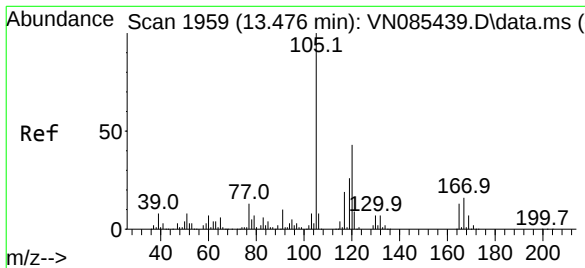
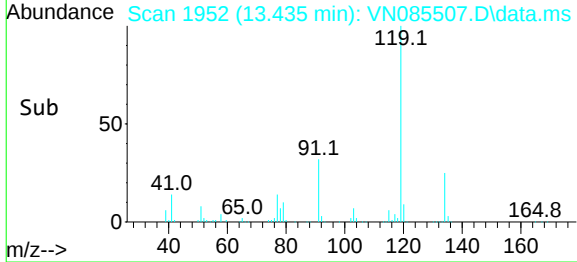
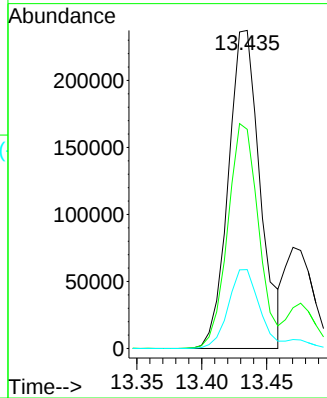
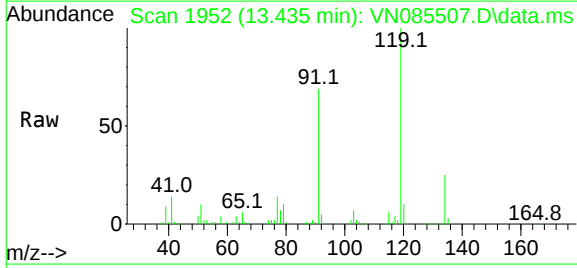
#83
tert-Butylbenzene
Concen: 56.434 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 403567
Ion Ratio Lower Upper
119 100
91 68.7 35.1 105.3
134 24.6 12.0 36.1

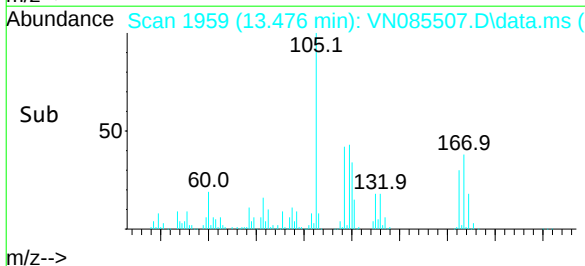
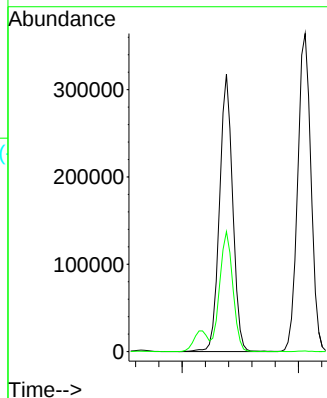
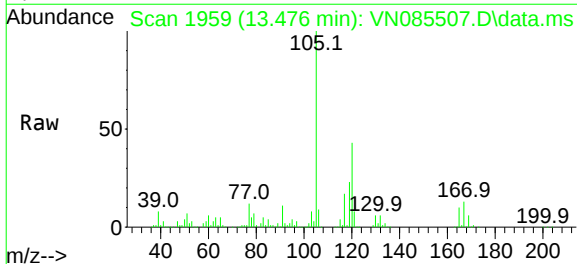
Manual Integrations
APPROVED

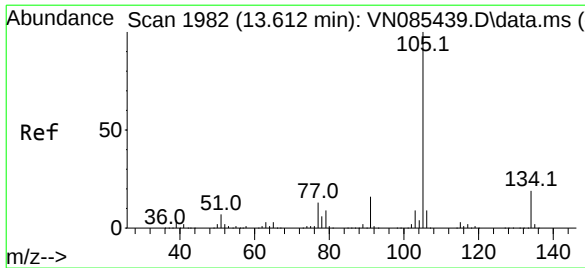
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#84
1,2,4-Trimethylbenzene
Concen: 58.730 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion:105 Resp: 498458
Ion Ratio Lower Upper
105 100
120 43.5 21.6 65.0





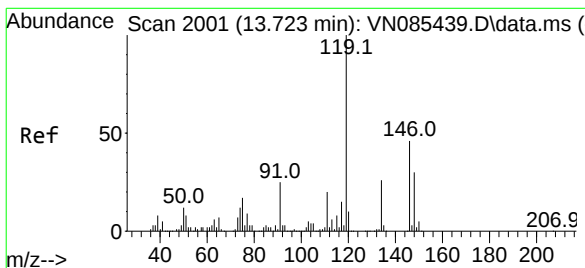
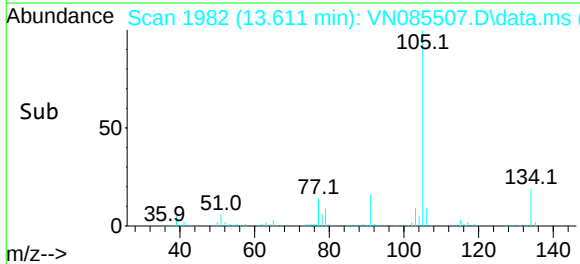
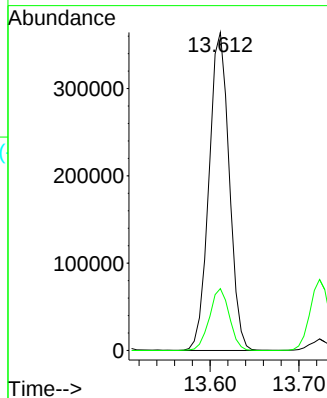
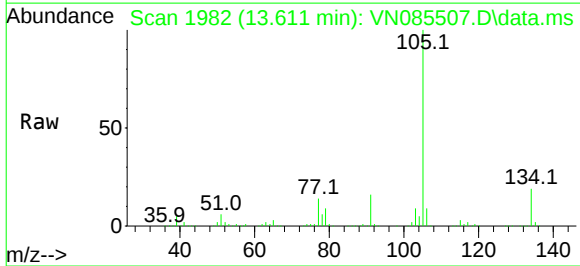
#85
sec-Butylbenzene
Concen: 58.208 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.001 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 576918
Ion Ratio Lower Upper
105 100
134 19.2 9.7 28.9

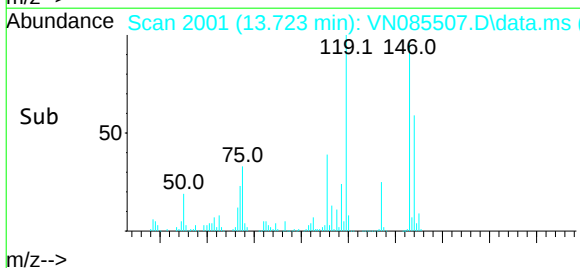
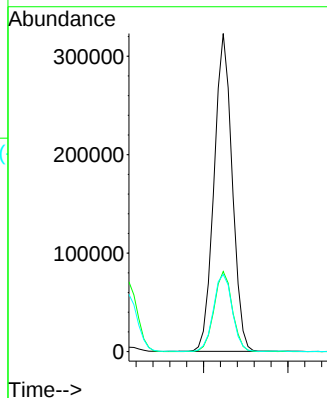
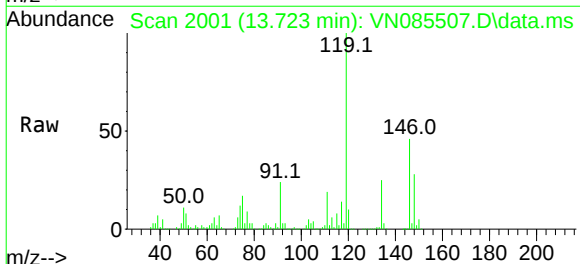
Manual Integrations
APPROVED

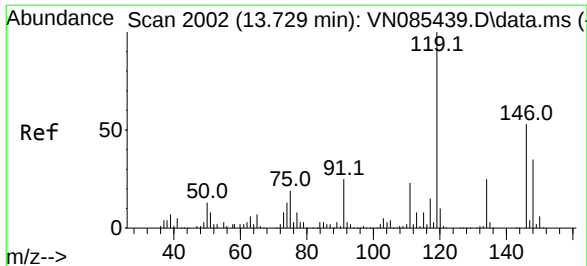
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#86
p-Isopropyltoluene
Concen: 53.453 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

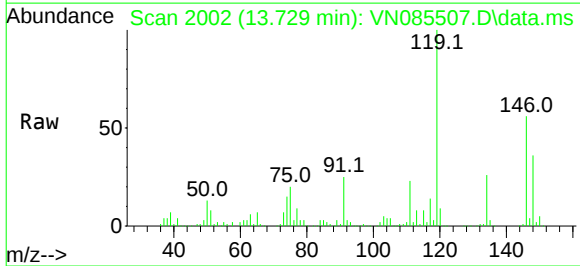
Tgt Ion:119 Resp: 481130
Ion Ratio Lower Upper
119 100
134 25.4 12.7 38.0
91 25.2 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 52.348 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

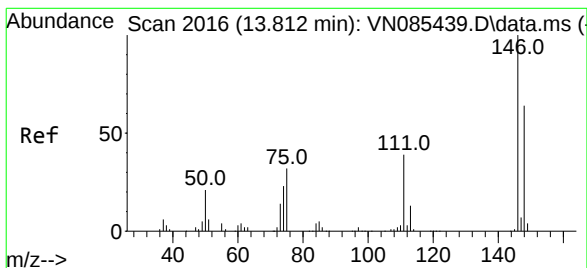
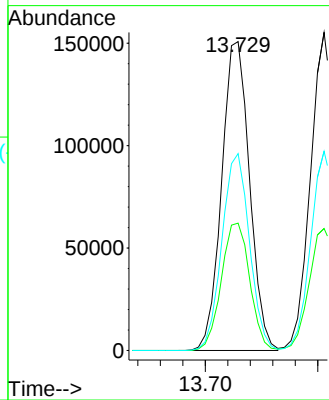
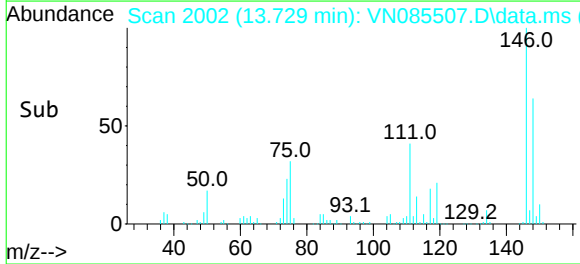
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 259664
Ion Ratio Lower Upper
146 100
111 42.0 21.4 64.3
148 63.0 32.3 96.9

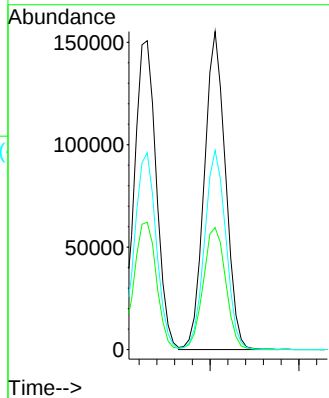
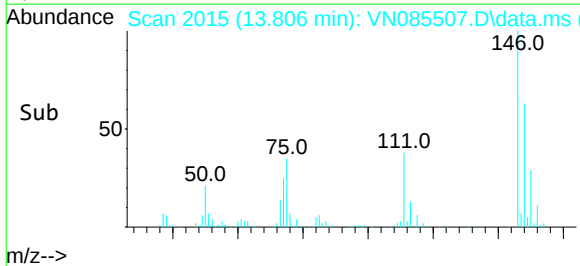
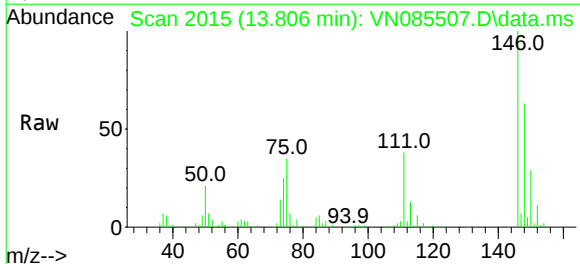
Manual Integrations
APPROVED

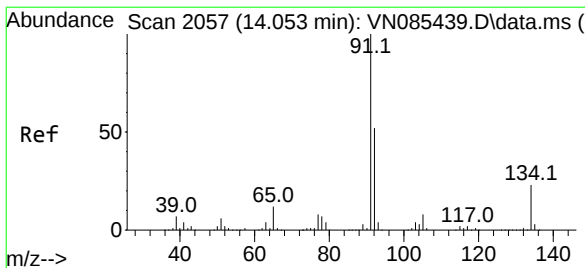
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#88
1,4-Dichlorobenzene
Concen: 50.059 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion:146 Resp: 257377
Ion Ratio Lower Upper
146 100
111 40.7 21.3 63.7
148 63.1 32.4 97.0





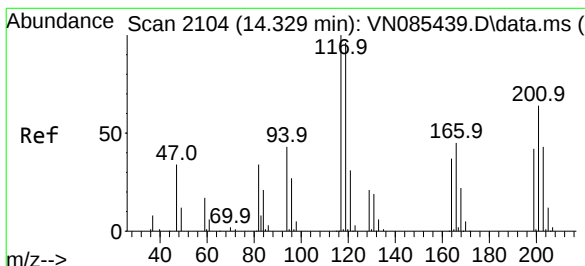
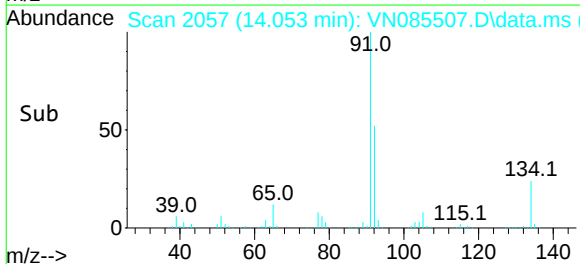
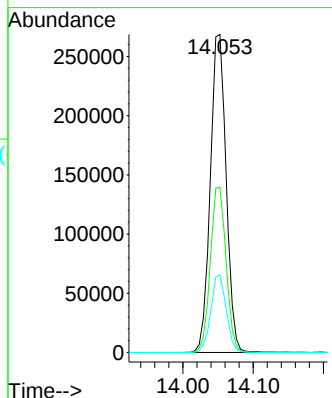
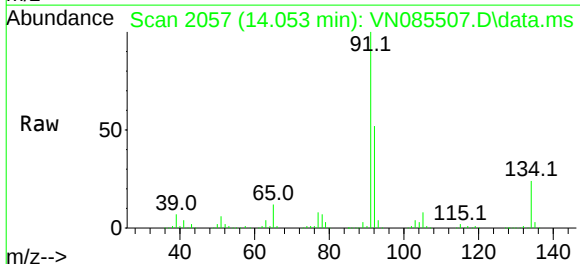
#89
n-Butylbenzene
Concen: 59.215 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 421048
Ion Ratio Lower Upper
91 100
92 51.7 25.8 77.3
134 23.8 11.7 35.1

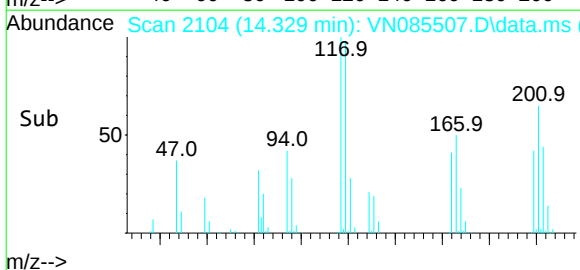
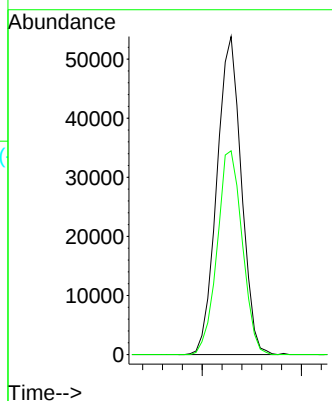
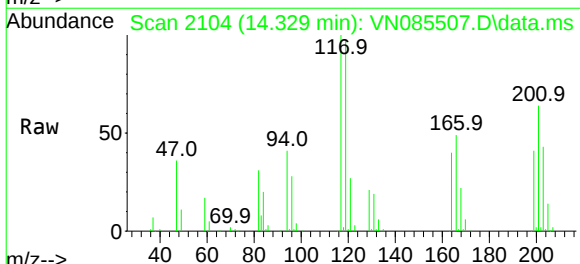
Manual Integrations
APPROVED

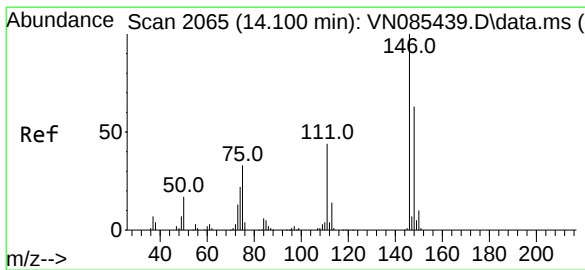
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#90
Hexachloroethane
Concen: 48.950 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion:117 Resp: 92360
Ion Ratio Lower Upper
117 100
201 65.6 33.7 101.0





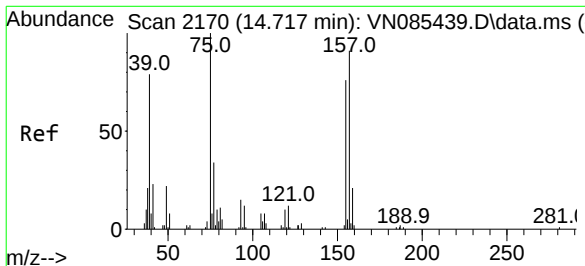
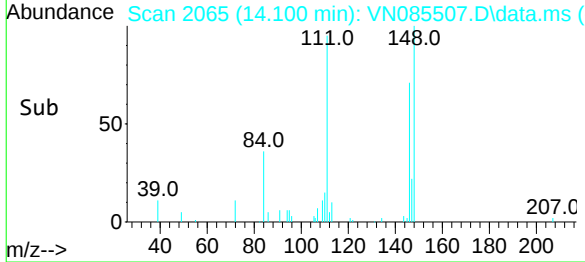
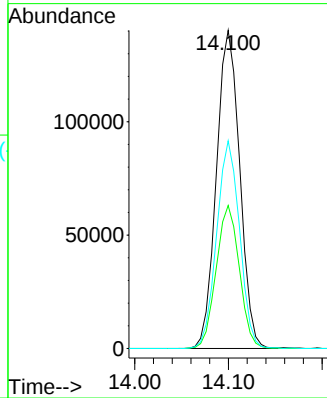
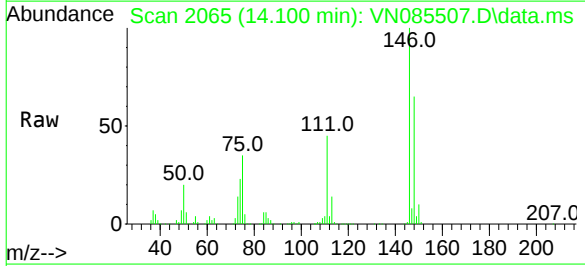
#91
1,2-Dichlorobenzene
Concen: 49.101 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 242940
Ion Ratio Lower Upper
146 100
111 44.6 21.7 65.1
148 64.2 31.4 94.2

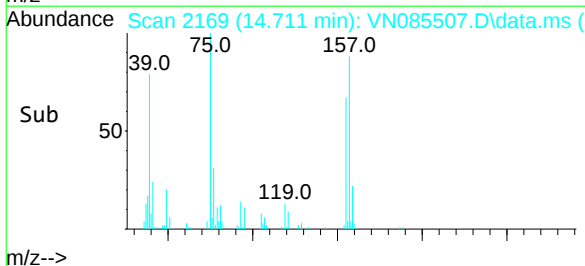
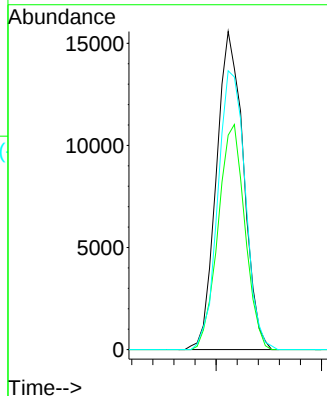
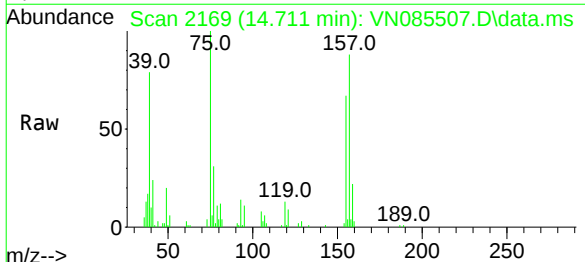
Manual Integrations
APPROVED

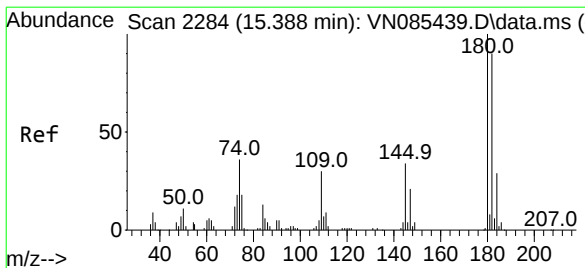
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.824 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN085507.D
Acq: 21 Jan 2025 10:47

Tgt Ion: 75 Resp: 27813
Ion Ratio Lower Upper
75 100
155 69.9 36.4 109.2
157 88.7 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 53.194 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

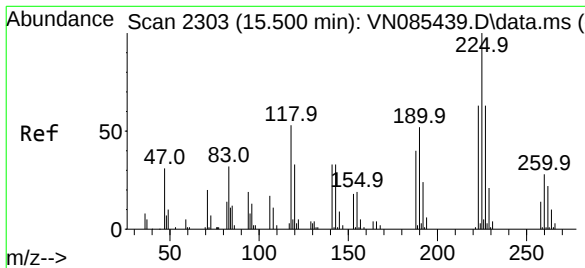
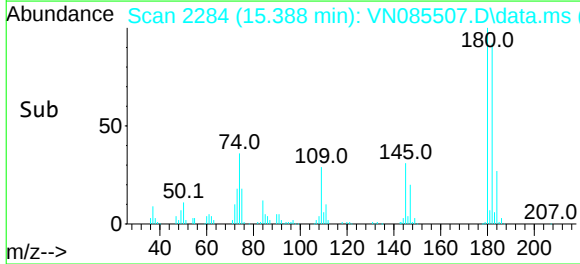
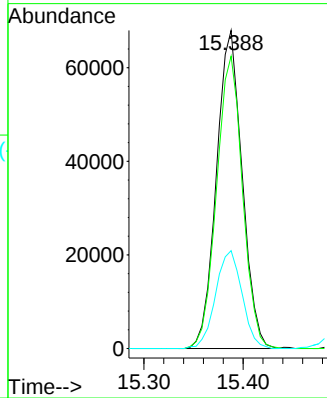
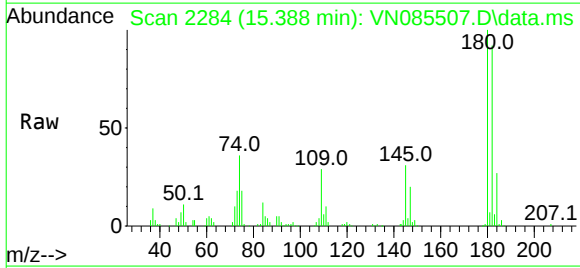
VSTDCCC050

Tgt Ion:	180	Resp:	122326
Ion Ratio	Lower	Upper	
180	100		
182	92.6	46.8	140.3
145	31.6	16.0	48.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#94

Hexachlorobutadiene

Concen: 50.111 ug/l

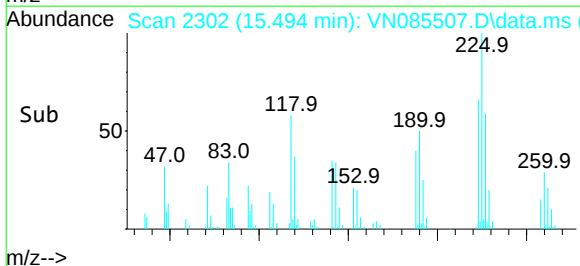
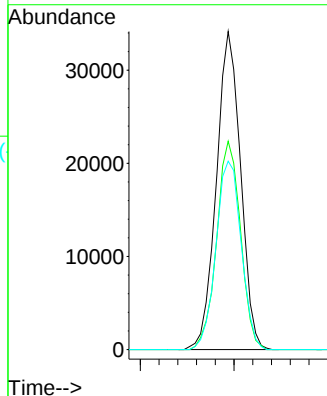
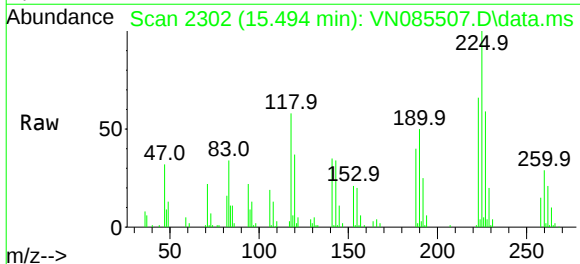
RT: 15.494 min Scan# 2302

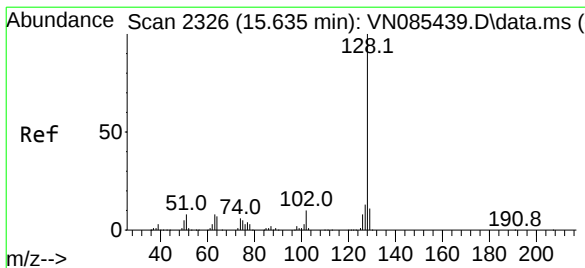
Delta R.T. -0.006 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Tgt Ion:	225	Resp:	61180
Ion Ratio	Lower	Upper	
225	100		
223	64.6	30.7	92.1
227	61.8	30.9	92.5





#95

Naphthalene

Concen: 45.213 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

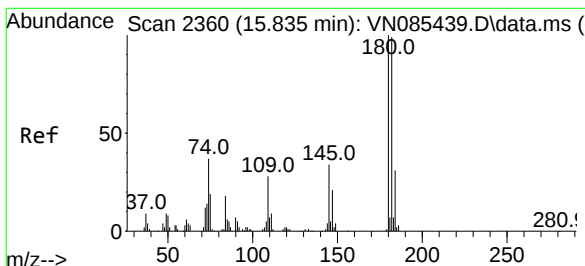
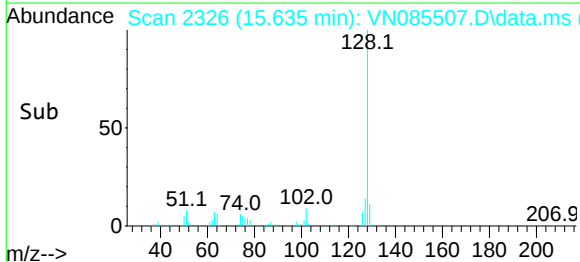
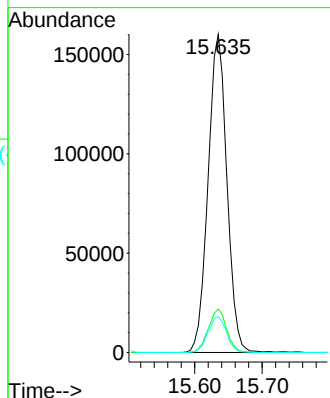
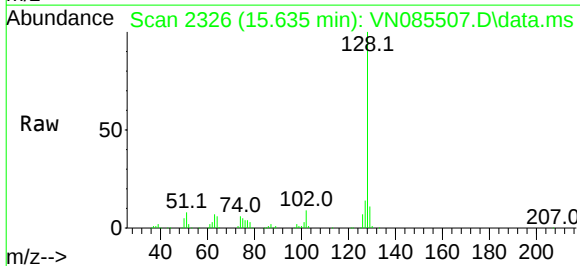
VSTDCCC050

Tgt Ion:	128	Resp:	310259
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	11.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.166 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085507.D

Acq: 21 Jan 2025 10:47

Tgt Ion:	180	Resp:	112075
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.4	142.2
145	35.0	16.9	50.7

