

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012125\
 Data File : VN085514.D
 Acq On : 21 Jan 2025 16:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 22 00:41:05 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	216974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	356685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	317997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	153061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	150489	42.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.940%
35) Dibromofluoromethane	8.159	113	111833	45.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.380%
50) Toluene-d8	10.559	98	415174	47.222	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.440%
62) 4-Bromofluorobenzene	12.841	95	146540	48.725	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	139632	47.530	ug/l	97
3) Chloromethane	2.360	50	135545	42.613	ug/l	99
4) Vinyl Chloride	2.518	62	146666	45.874	ug/l	99
5) Bromomethane	2.959	94	87763	45.444	ug/l	97
6) Chloroethane	3.124	64	95322	47.027	ug/l	99
7) Trichlorofluoromethane	3.501	101	234184	50.482	ug/l	97
8) Diethyl Ether	3.954	74	71889	44.858	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	128694	49.254	ug/l	99
10) Methyl Iodide	4.589	142	148109	49.499	ug/l	95
11) Tert butyl alcohol	5.500	59	72976	181.963	ug/l	99
12) 1,1-Dichloroethene	4.342	96	114032	48.969	ug/l	95
13) Acrolein	4.171	56	119143	217.625	ug/l	99
14) Allyl chloride	5.018	41	182977	48.424	ug/l	97
15) Acrylonitrile	5.706	53	268266	210.593	ug/l	99
16) Acetone	4.418	43	211911	187.257	ug/l	99
17) Carbon Disulfide	4.712	76	312250	43.551	ug/l	98
18) Methyl Acetate	5.012	43	148613	43.187	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	382430	50.578	ug/l	99
20) Methylene Chloride	5.271	84	131371	46.893	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	121567	48.849	ug/l	96
22) Diisopropyl ether	6.659	45	427000	50.913	ug/l	97
23) Vinyl Acetate	6.595	43	1470550	250.544	ug/l	99
24) 1,1-Dichloroethane	6.559	63	248427	48.578	ug/l	99
25) 2-Butanone	7.471	43	336846	202.269	ug/l	98
26) 2,2-Dichloropropane	7.483	77	226786	54.851	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	147337	50.265	ug/l	98
28) Bromochloromethane	7.800	49	100096	42.071	ug/l	98
29) Tetrahydrofuran	7.830	42	222540	210.773	ug/l	99
30) Chloroform	7.959	83	255848	48.406	ug/l	99
31) Cyclohexane	8.247	56	202146	45.478	ug/l	93
32) 1,1,1-Trichloroethane	8.159	97	228180	49.217	ug/l	98
36) 1,1-Dichloropropene	8.365	75	176745	50.892	ug/l	99
37) Ethyl Acetate	7.547	43	140455	40.068	ug/l	98
38) Carbon Tetrachloride	8.353	117	200912	50.532	ug/l	98
39) Methylcyclohexane	9.594	83	184889	56.653	ug/l	98
40) Benzene	8.600	78	531059	50.892	ug/l	99

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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	85863	47.081	ug/l	98
42) 1,2-Dichloroethane	8.665	62	194056	49.376	ug/l	100
43) Isopropyl Acetate	8.677	43	264200	47.036	ug/l	100
44) Trichloroethene	9.341	130	122231	50.321	ug/l	91
45) 1,2-Dichloropropane	9.612	63	132282	49.629	ug/l	99
46) Dibromomethane	9.700	93	91105	47.371	ug/l	97
47) Bromodichloromethane	9.883	83	204675	52.237	ug/l	100
48) Methyl methacrylate	9.671	41	125599	49.688	ug/l	98
49) 1,4-Dioxane	9.688	88	30617	719.270	ug/l	99
51) 4-Methyl-2-Pentanone	10.435	43	741124	227.379	ug/l	99
52) Toluene	10.624	92	325594	53.850	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	199212	53.800	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	216096	54.635	ug/l	100
55) 1,1,2-Trichloroethane	11.006	97	119390	49.896	ug/l	99
56) Ethyl methacrylate	10.865	69	181628	45.251	ug/l	99
57) 1,3-Dichloropropane	11.153	76	209430	50.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	354716	233.603	ug/l	99
59) 2-Hexanone	11.188	43	514277	224.239	ug/l	100
60) Dibromochloromethane	11.353	129	148306	51.338	ug/l	100
61) 1,2-Dibromoethane	11.459	107	117016	49.129	ug/l	98
64) Tetrachloroethene	11.094	164	115906	53.465	ug/l	96
65) Chlorobenzene	11.882	112	350833	50.362	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.953	131	126968	49.660	ug/l	98
67) Ethyl Benzene	11.959	91	630897	55.604	ug/l	98
68) m/p-Xylenes	12.065	106	472600	112.702	ug/l	100
69) o-Xylene	12.394	106	223929	55.878	ug/l	99
70) Styrene	12.406	104	384465	57.969	ug/l	99
71) Bromoform	12.571	173	91320	49.918	ug/l #	100
73) Isopropylbenzene	12.688	105	581866	56.326	ug/l	100
74) N-amyl acetate	12.488	43	221742	47.756	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.929	83	158099	43.325	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	139109m	44.715	ug/l	
77) Bromobenzene	12.971	156	136668	50.638	ug/l	97
78) n-propylbenzene	13.029	91	701271	57.343	ug/l	100
79) 2-Chlorotoluene	13.118	91	418400	52.863	ug/l	99
80) 1,3,5-Trimethylbenzene	13.165	105	494416	57.942	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	56119	48.805	ug/l	91
82) 4-Chlorotoluene	13.218	91	430527	54.631	ug/l	100
83) tert-Butylbenzene	13.429	119	416956	58.188	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	493819	58.065	ug/l	99
85) sec-Butylbenzene	13.612	105	585924	58.997	ug/l	100
86) p-Isopropyltoluene	13.723	119	491959	54.417	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	255492	51.403	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	256209	49.731	ug/l	98
89) n-Butylbenzene	14.047	91	428673	60.166	ug/l	99
90) Hexachloroethane	14.329	117	92452	48.899	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	241191	48.648	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.712	75	27703	41.574	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	121019	52.519	ug/l	98
94) Hexachlorobutadiene	15.494	225	59856	48.927	ug/l	96
95) Naphthalene	15.635	128	323440	47.038	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	113668	48.752	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration

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

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

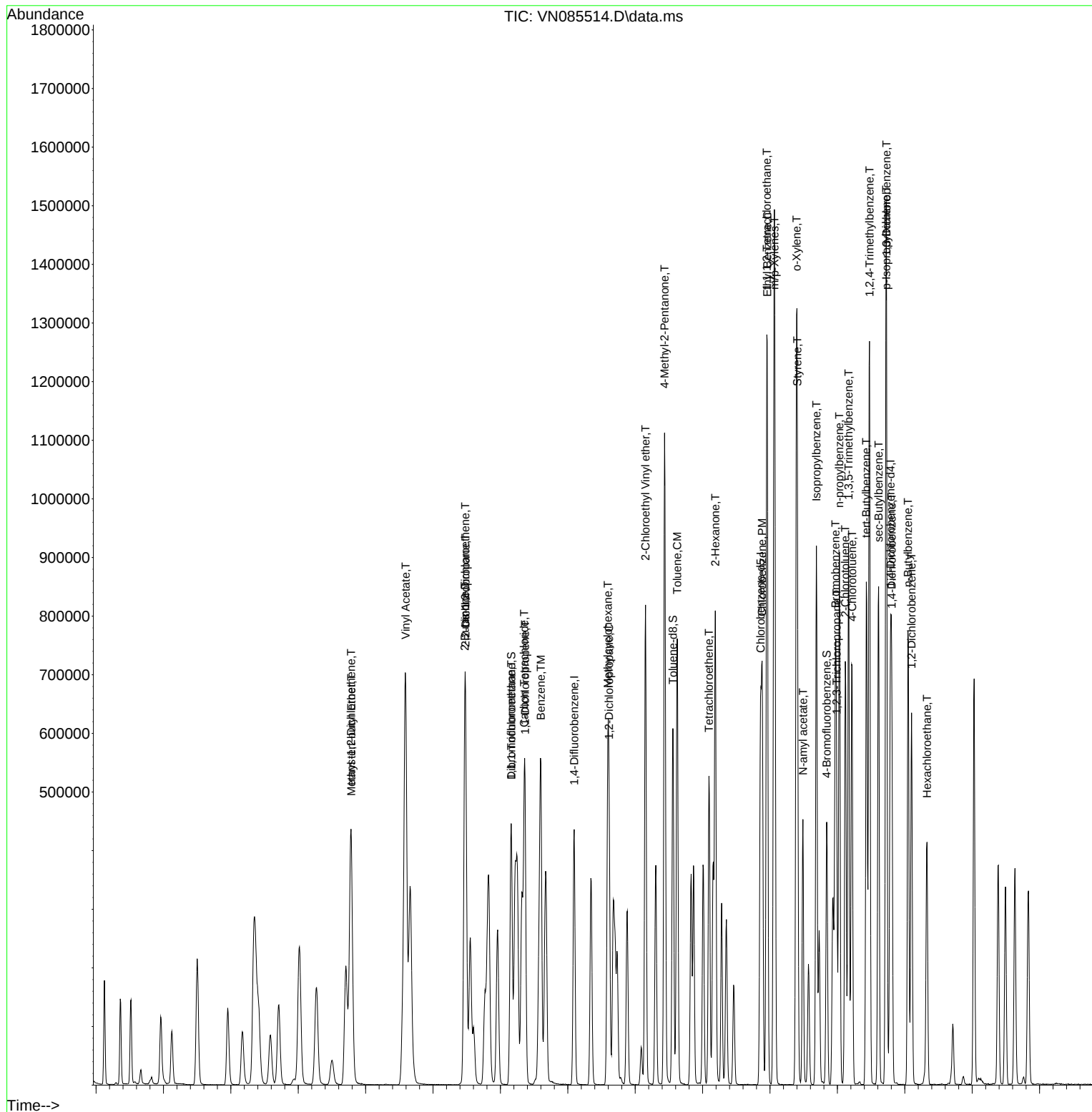
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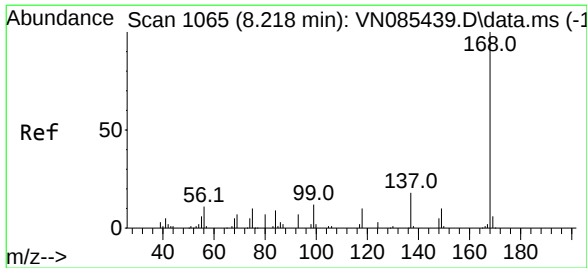
Instrument :
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ClientSampleId :
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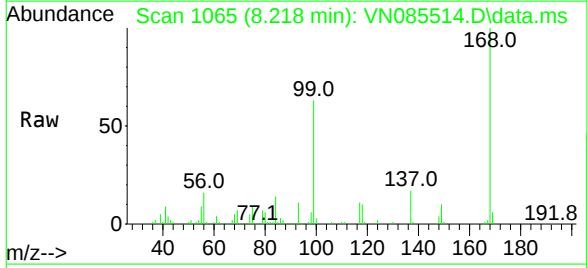
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085514.D
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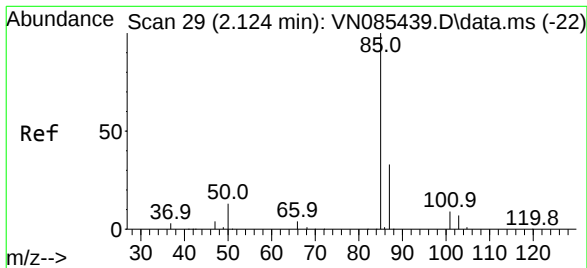
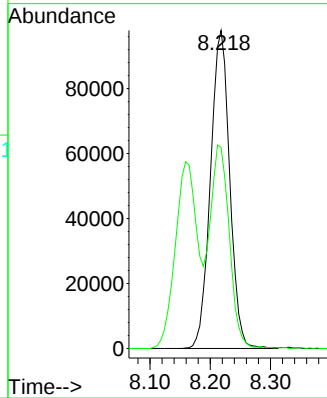
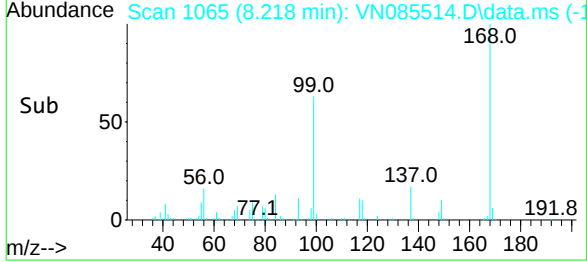
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 168 Resp: 216974
Ion Ratio Lower Upper
168 100
99 63.0 53.6 80.4

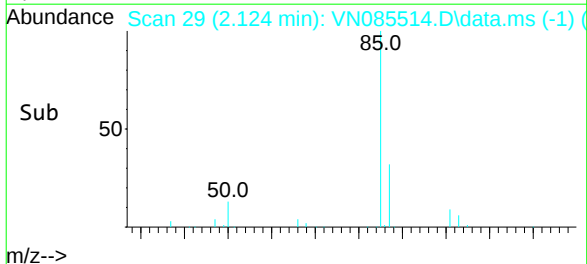
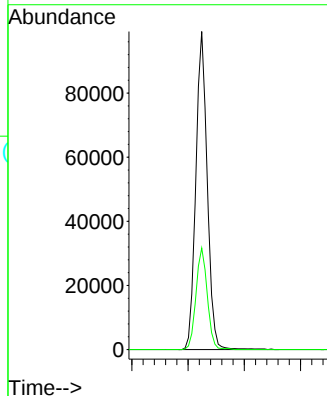
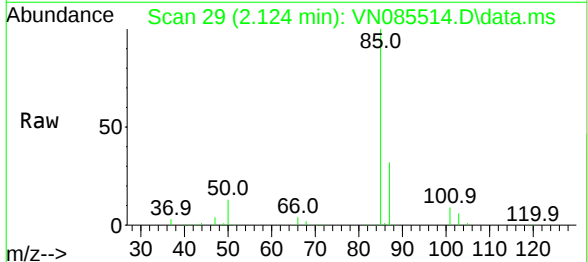
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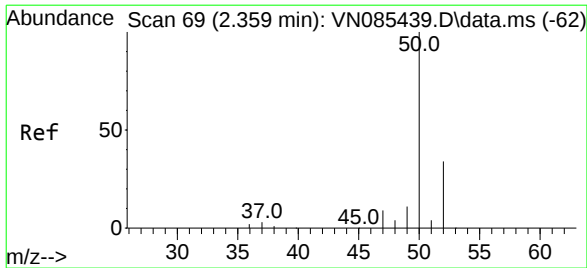
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#2
Dichlorodifluoromethane
Concen: 47.530 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

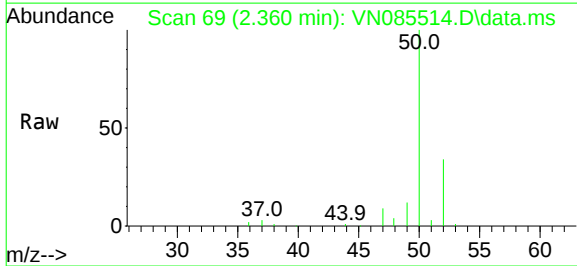
Tgt Ion: 85 Resp: 139632
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





#3
Chloromethane
Concen: 42.613 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

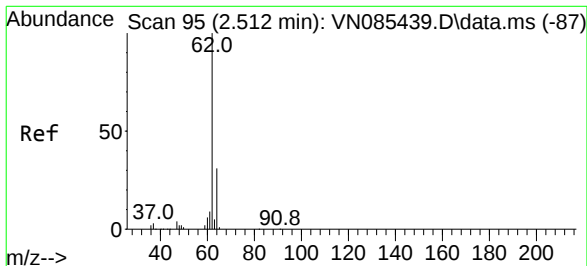
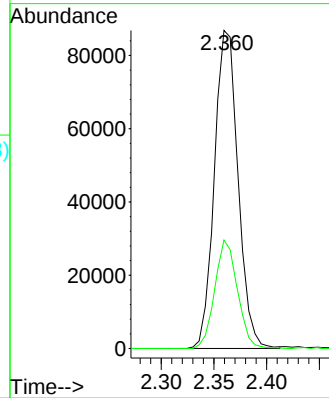
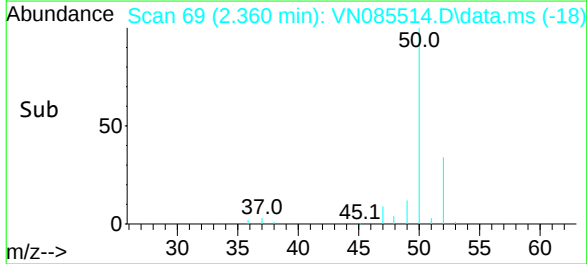
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion: 50 Resp: 135545
Ion Ratio Lower Upper
50 100
52 34.1 27.0 40.6

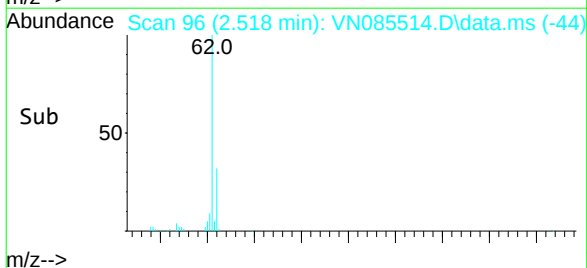
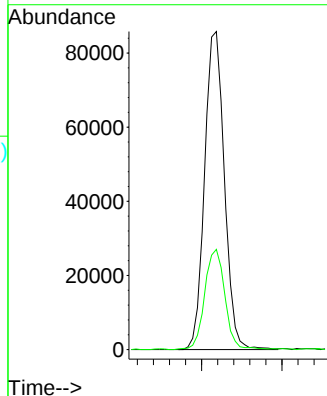
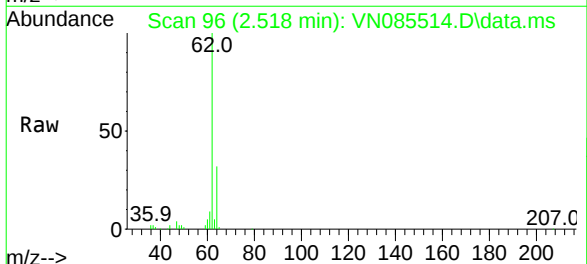
Manual Integrations
APPROVED

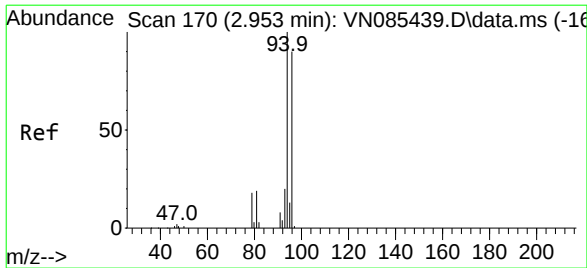
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#4
Vinyl Chloride
Concen: 45.874 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion: 62 Resp: 146666
Ion Ratio Lower Upper
62 100
64 31.3 24.8 37.2





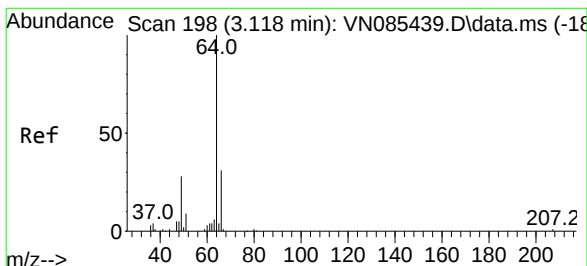
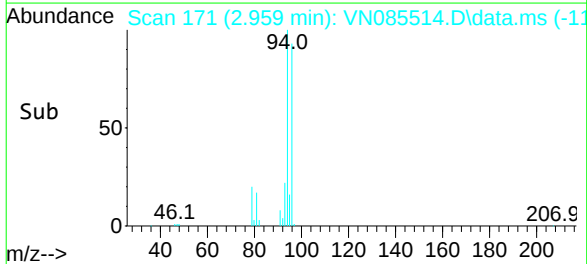
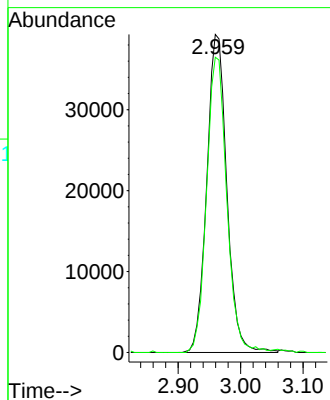
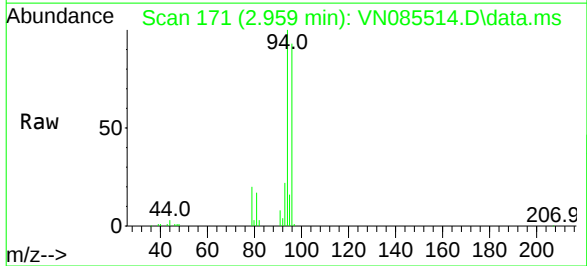
#5
Bromomethane
Concen: 45.444 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 87763
Ion Ratio Lower Upper
94 100
96 92.8 71.8 107.6

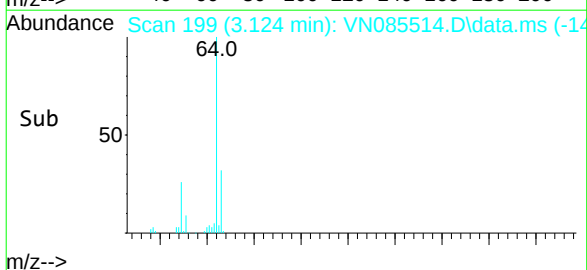
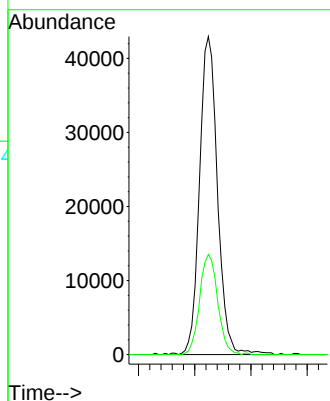
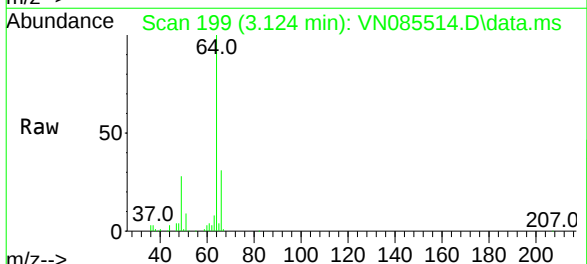
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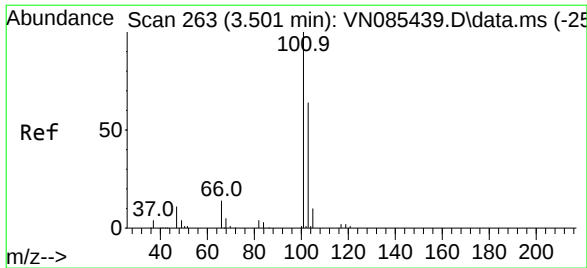
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#6
Chloroethane
Concen: 47.027 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

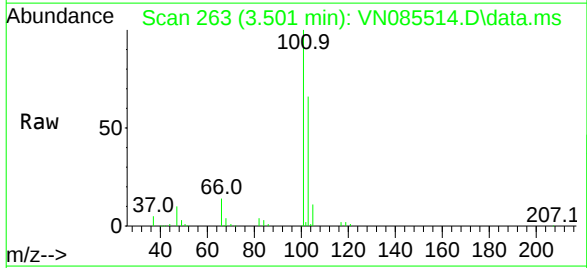
Tgt Ion: 64 Resp: 95322
Ion Ratio Lower Upper
64 100
66 31.5 24.6 36.8





#7
Trichlorofluoromethane
Concen: 50.482 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

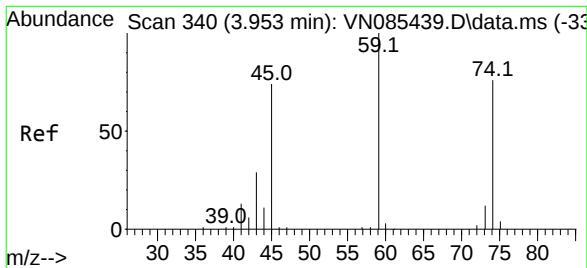
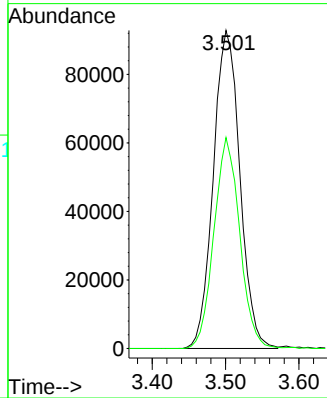
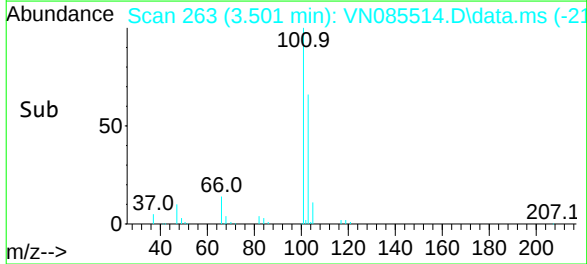
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Tgt Ion:101 Resp: 234184
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.2

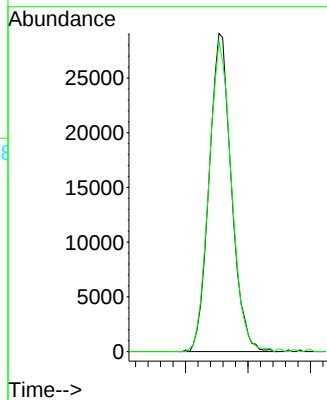
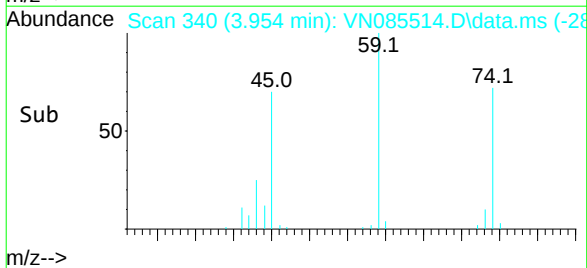
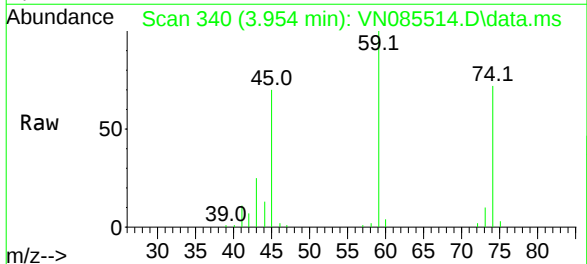
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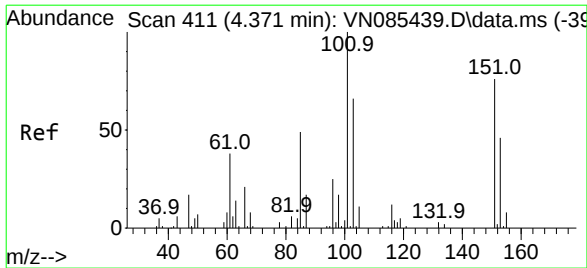
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#8
Diethyl Ether
Concen: 44.858 ug/l
RT: 3.954 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion: 74 Resp: 71889
Ion Ratio Lower Upper
74 100
45 99.6 49.7 149.1





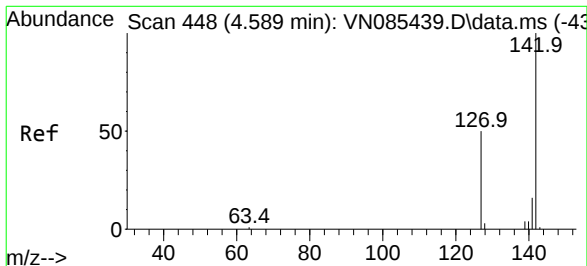
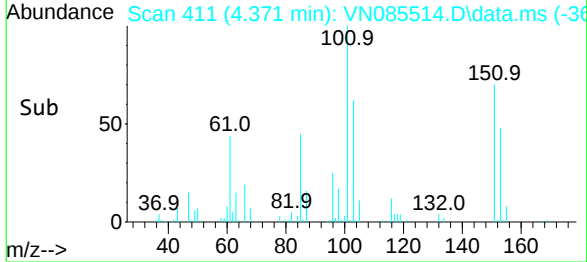
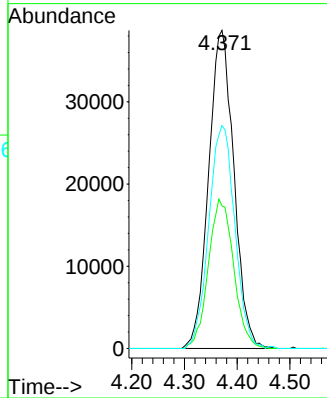
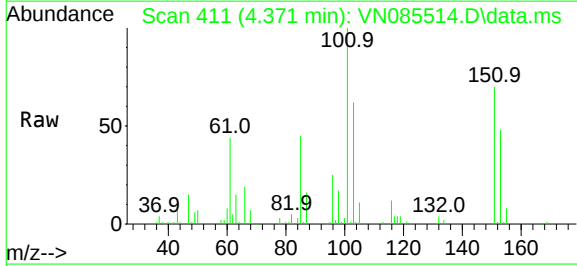
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.254 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 128694
Ion Ratio Lower Upper
101 100
85 47.0 37.8 56.8
151 72.3 58.8 88.2

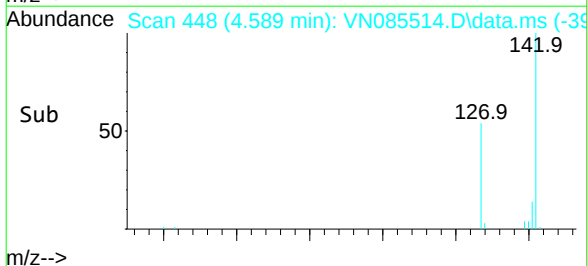
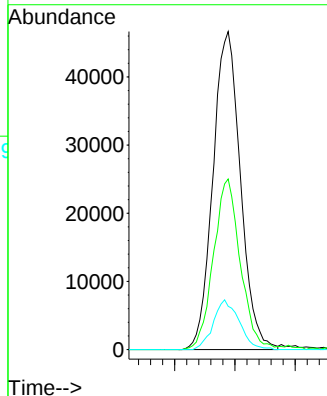
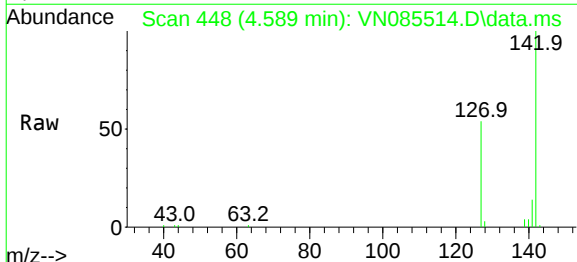
Manual Integrations
APPROVED

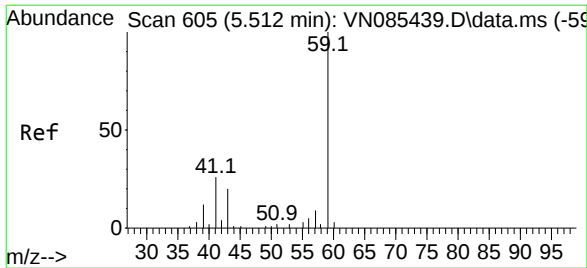
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#10
Methyl Iodide
Concen: 49.499 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

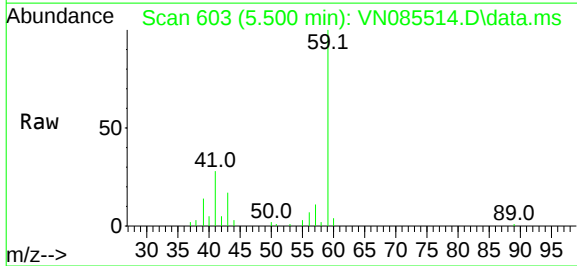
Tgt Ion:142 Resp: 148109
Ion Ratio Lower Upper
142 100
127 53.6 40.3 60.5
141 13.6 12.8 19.2





#11
Tert butyl alcohol
Concen: 181.963 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

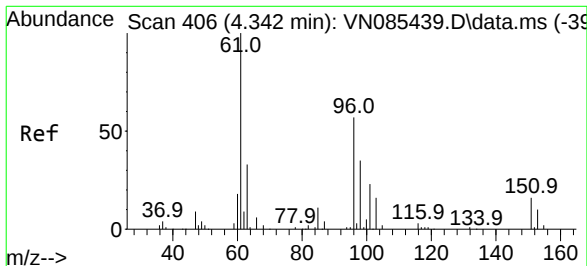
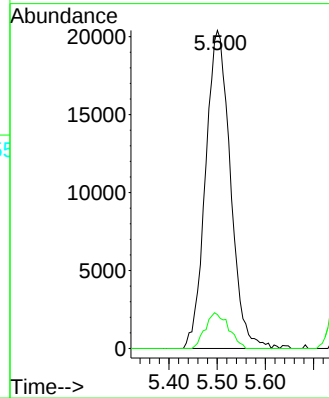
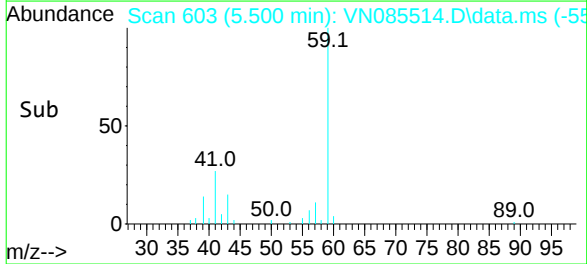
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 72976
Ion Ratio Lower Upper
59 100
57 10.5 8.6 13.0

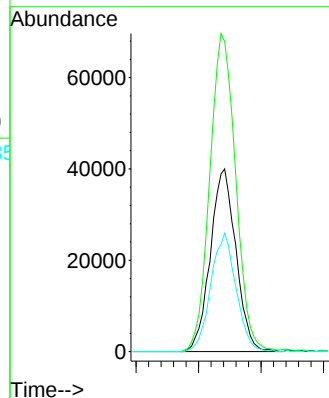
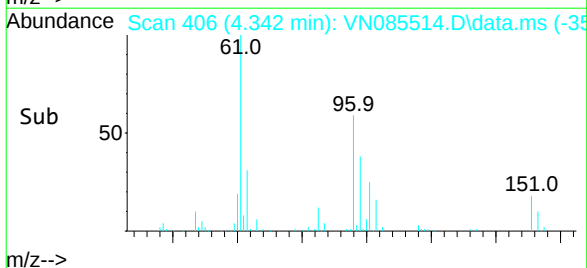
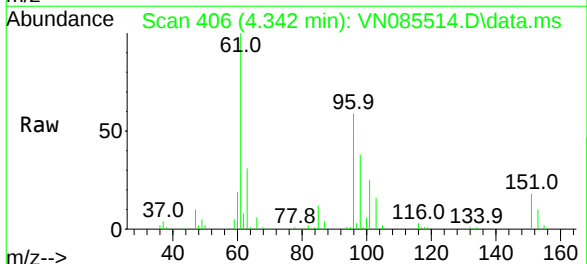
Manual Integrations
APPROVED

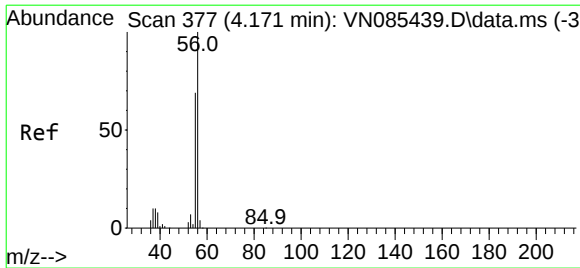
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#12
1,1-Dichloroethene
Concen: 48.969 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

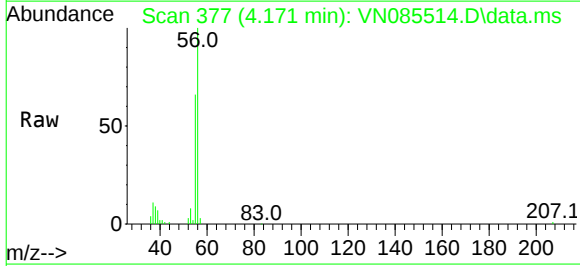
Tgt Ion: 96 Resp: 114032
Ion Ratio Lower Upper
96 100
61 169.7 141.0 211.4
98 64.7 49.0 73.6





#13
Acrolein
Concen: 217.625 ug/l
RT: 4.171 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

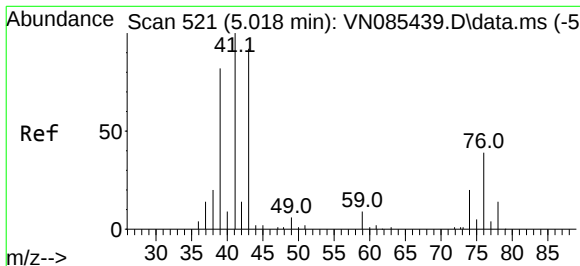
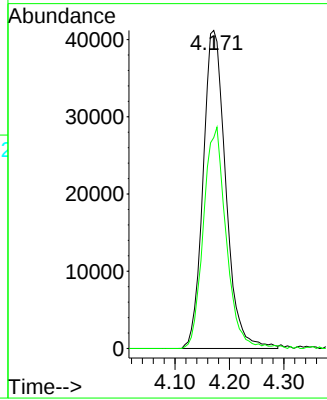
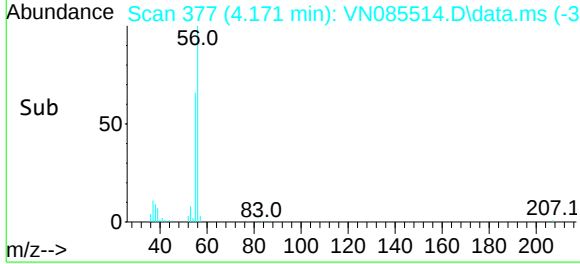
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 119143
Ion Ratio Lower Upper
56 100
55 69.5 56.3 84.5

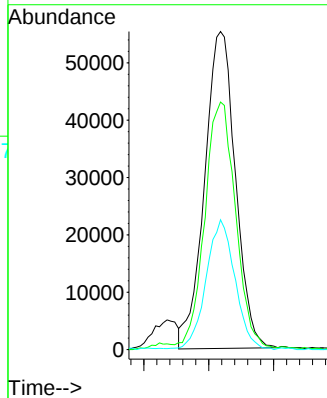
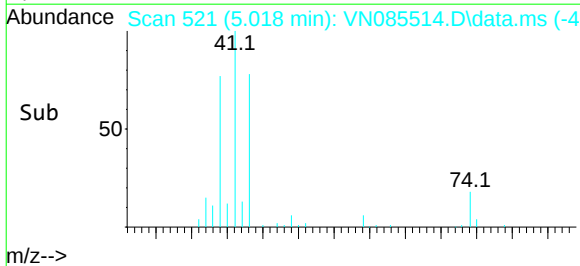
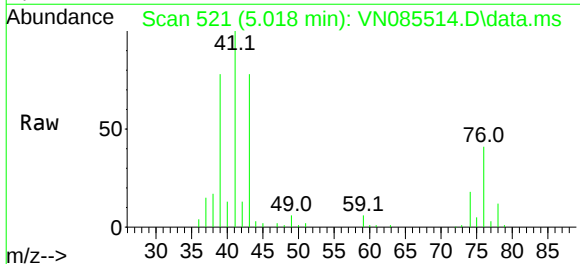
Manual Integrations
APPROVED

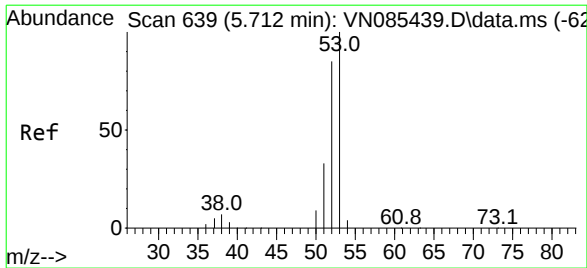
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#14
Allyl chloride
Concen: 48.424 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion: 41 Resp: 182977
Ion Ratio Lower Upper
41 100
39 77.1 64.4 96.6
76 38.2 30.5 45.7





#15

Acrylonitrile

Concen: 210.593 ug/l

RT: 5.706 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Instrument :

MSVOA_N

ClientSampleId :

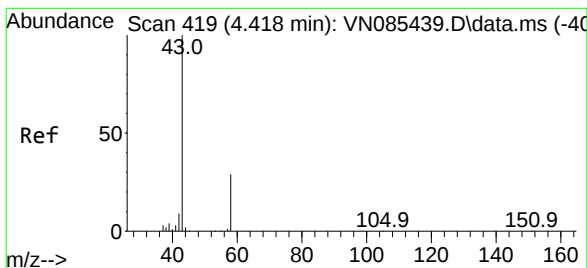
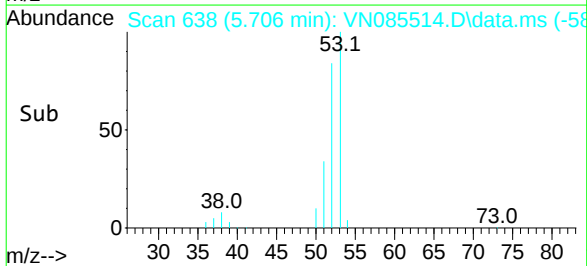
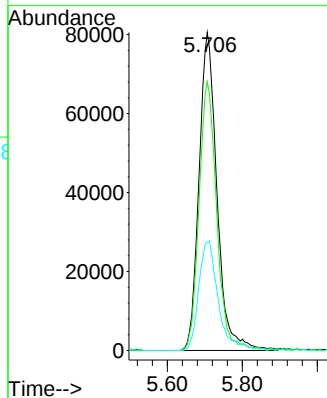
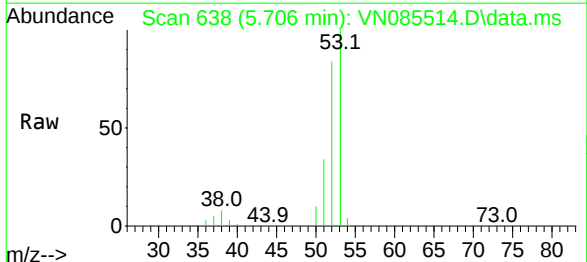
VSTDCCC050EC

Tgt Ion:	53	Resp:	268266
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.5	98.3
51	37.2	29.8	44.8

Manual Integrations

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



#16

Acetone

Concen: 187.257 ug/l

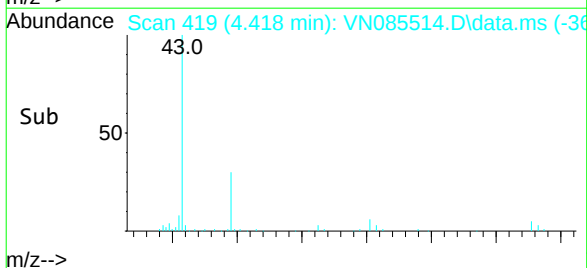
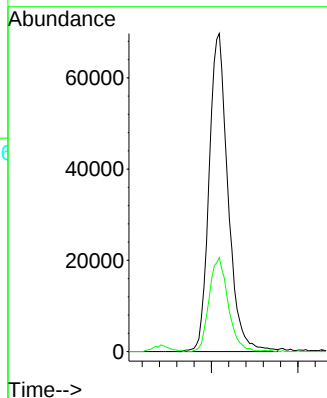
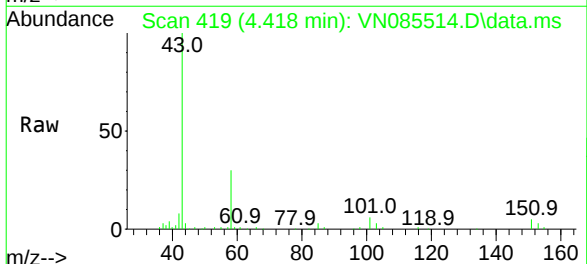
RT: 4.418 min Scan# 419

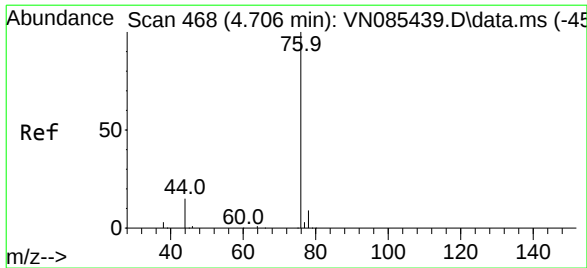
Delta R.T. 0.000 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Tgt Ion:	43	Resp:	211911
Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.8	35.6





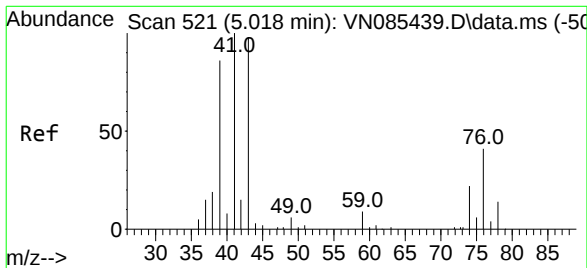
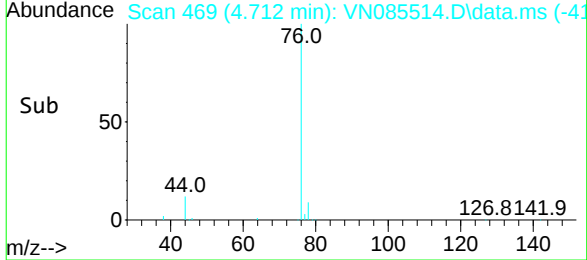
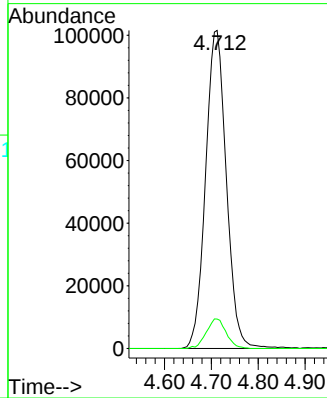
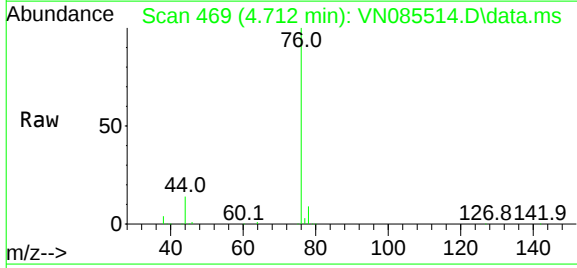
#17
Carbon Disulfide
Concen: 43.551 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 312250
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3

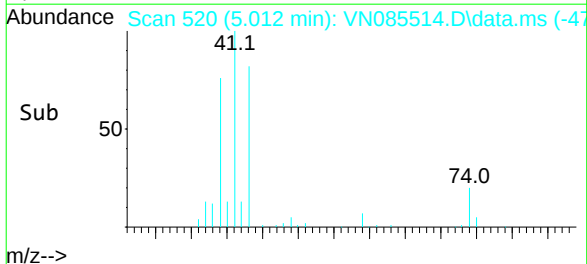
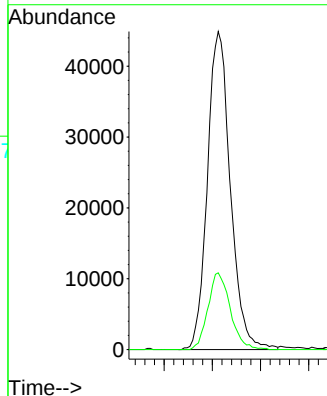
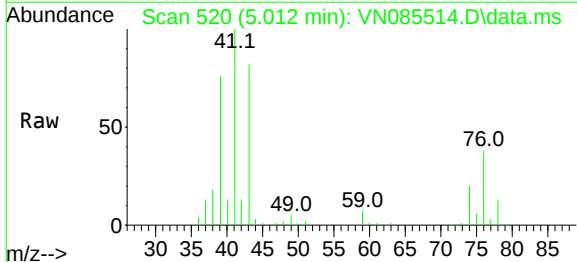
Manual Integrations
APPROVED

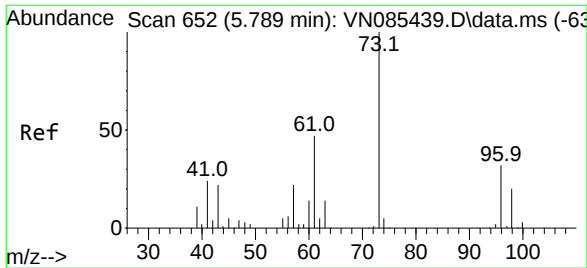
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#18
Methyl Acetate
Concen: 43.187 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion: 43 Resp: 148613
Ion Ratio Lower Upper
43 100
74 23.5 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 50.578 ug/l

RT: 5.789 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 382430

Ion Ratio Lower Upper

73 100

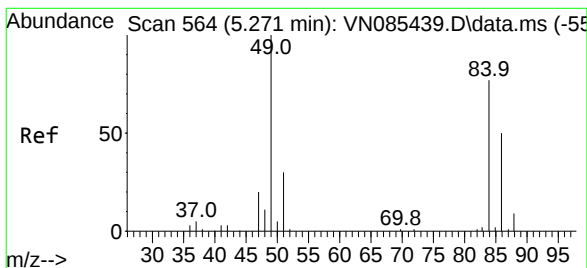
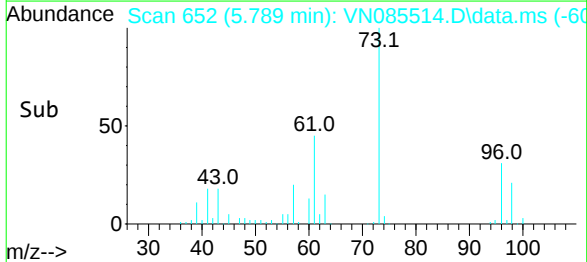
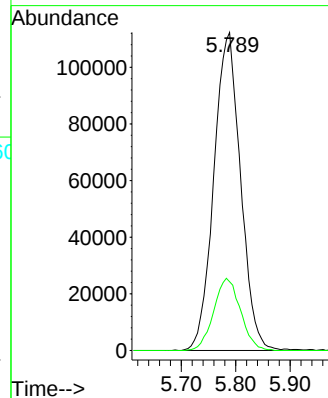
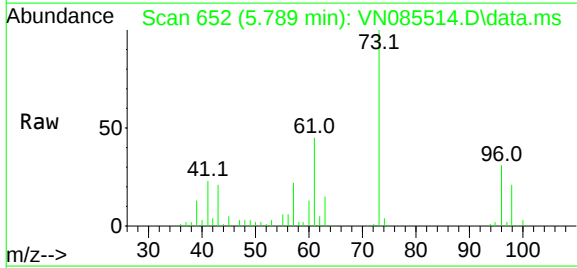
57 21.6 17.8 26.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#20

Methylene Chloride

Concen: 46.893 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Tgt Ion: 84 Resp: 131371

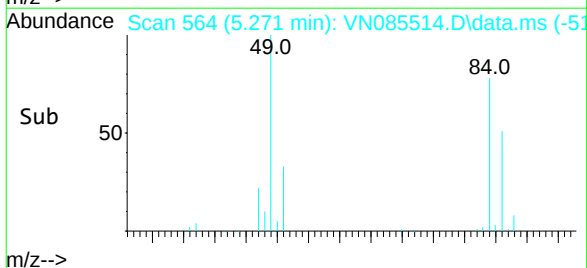
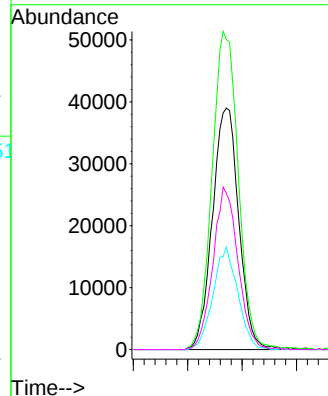
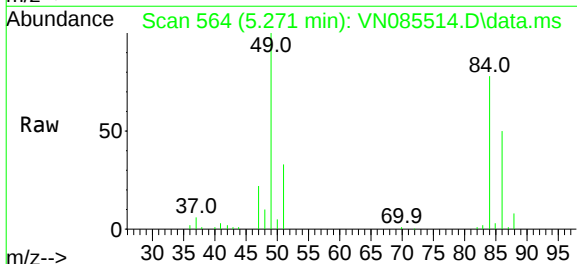
Ion Ratio Lower Upper

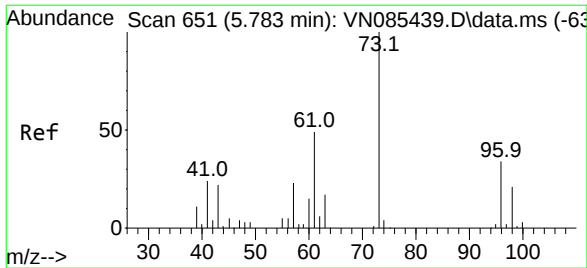
84 100

49 128.4 104.1 156.1

51 42.5 31.0 46.4

86 64.7 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 48.849 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 121567

Ion Ratio Lower Upper

96 100

61 147.8 115.7 173.5

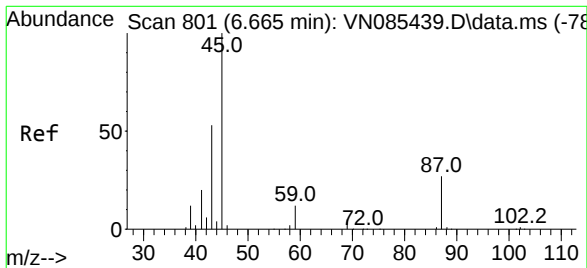
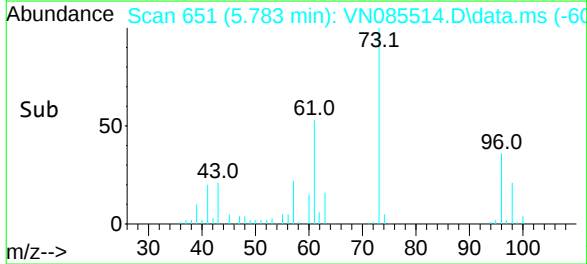
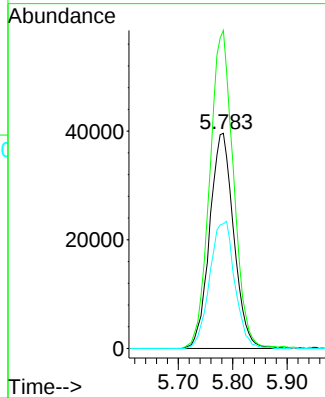
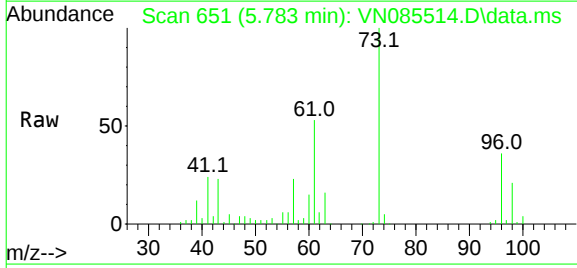
98 58.0 49.8 74.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#22

Diisopropyl ether

Concen: 50.913 ug/l

RT: 6.659 min Scan# 800

Delta R.T. -0.006 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Tgt Ion: 45 Resp: 427000

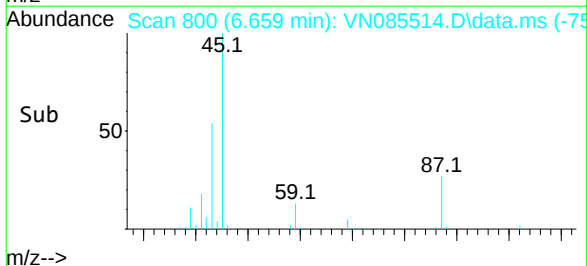
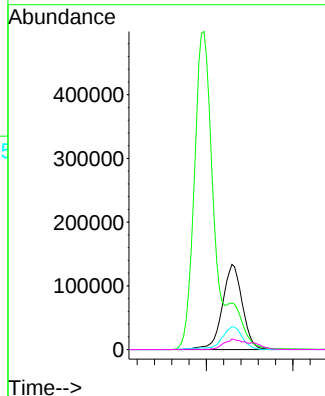
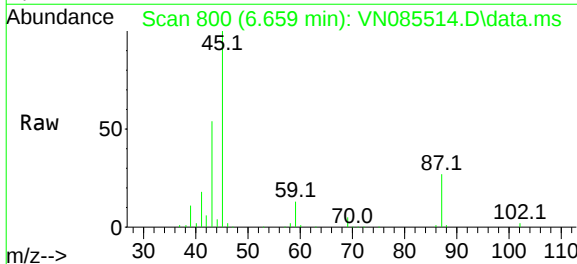
Ion Ratio Lower Upper

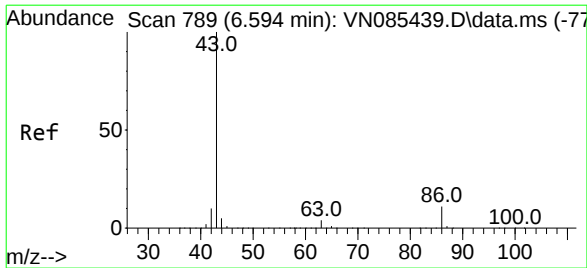
45 100

43 53.5 45.0 67.6

87 26.9 21.8 32.8

59 12.3 10.2 15.2





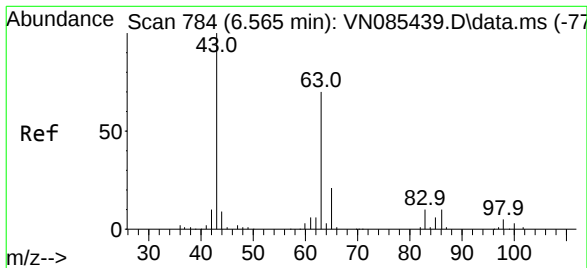
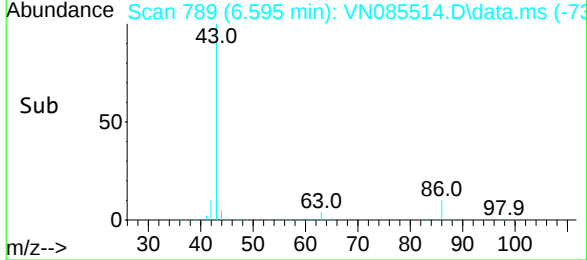
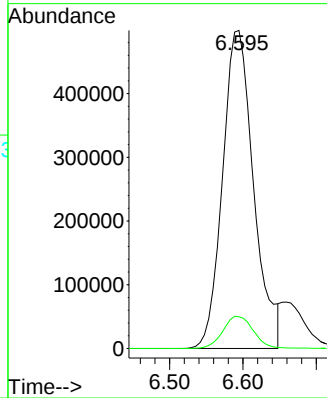
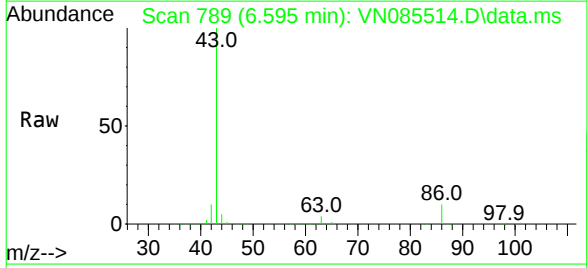
#23
 Vinyl Acetate
 Concen: 250.544 ug/l
 RT: 6.595 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN085514.D
 Acq: 21 Jan 2025 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1470550
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.4 12.6

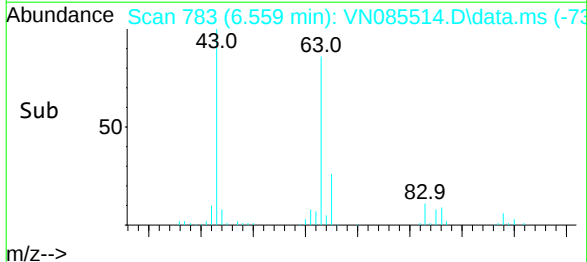
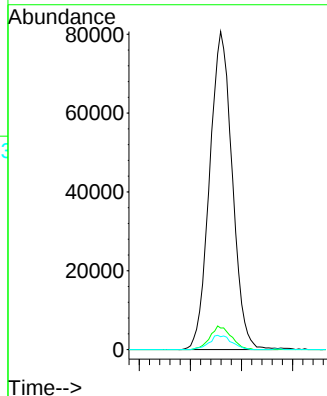
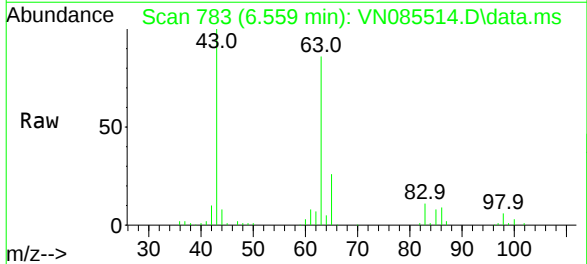
Manual Integrations
 APPROVED

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



#24
 1,1-Dichloroethane
 Concen: 48.578 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN085514.D
 Acq: 21 Jan 2025 16:08

Tgt Ion: 63 Resp: 248427
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.1 2.0 6.0





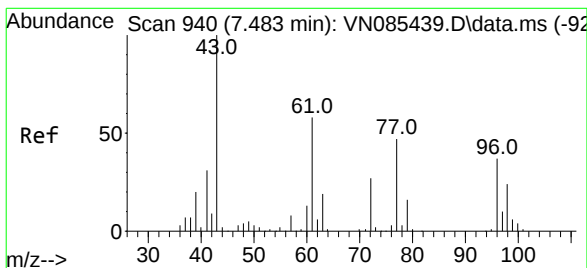
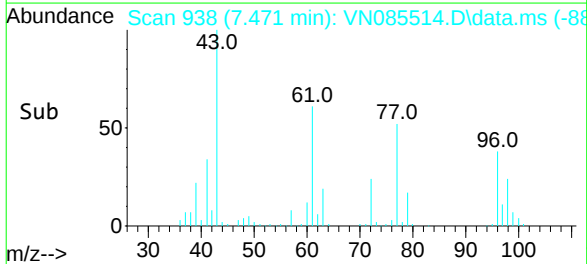
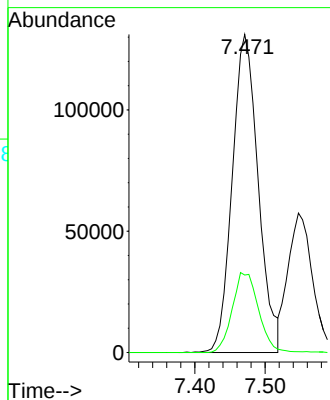
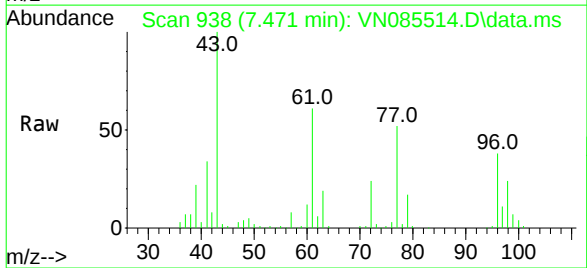
#25
2-Butanone
Concen: 202.269 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 336846
Ion Ratio Lower Upper
43 100
72 24.3 20.2 30.4

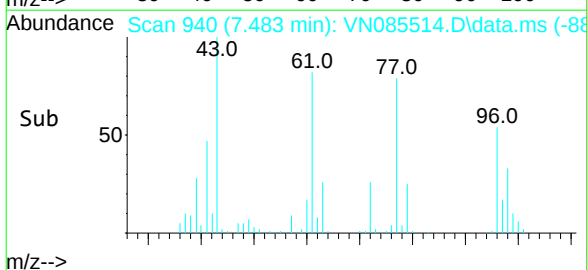
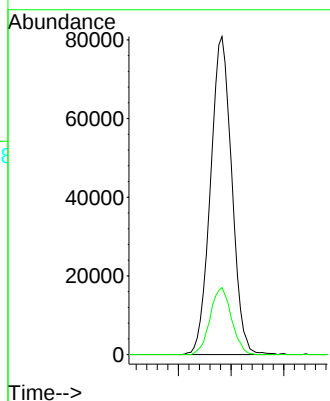
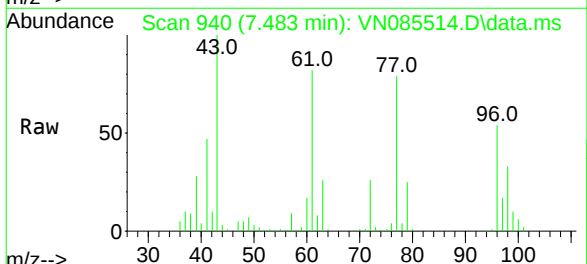
Manual Integrations
APPROVED

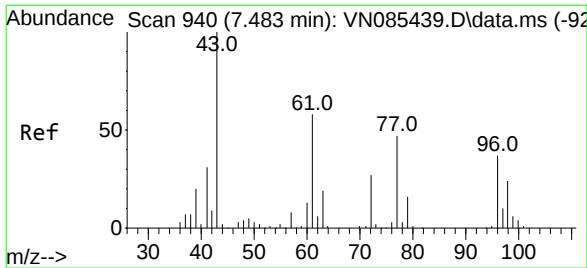
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#26
2,2-Dichloropropane
Concen: 54.851 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

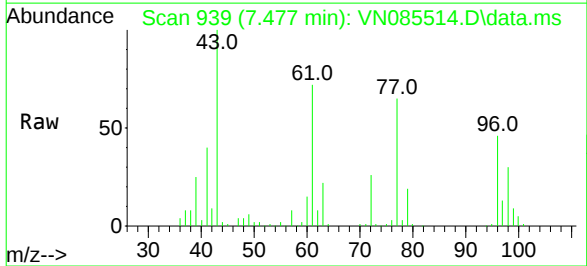
Tgt Ion: 77 Resp: 226786
Ion Ratio Lower Upper
77 100
97 21.1 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 50.265 ug/l
 RT: 7.477 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VN085514.D
 Acq: 21 Jan 2025 16:08

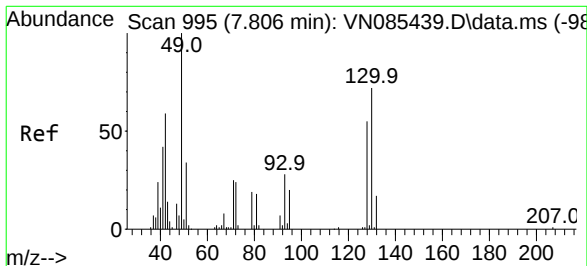
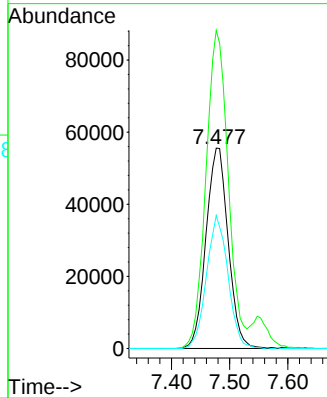
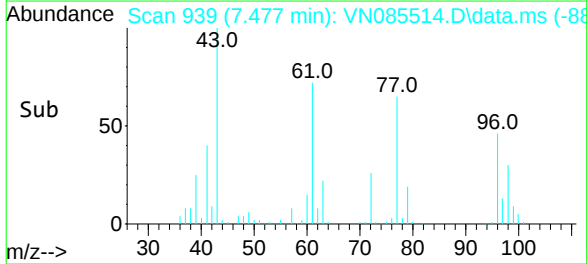
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 147337
 Ion Ratio Lower Upper
 96 100
 61 159.1 0.0 311.8
 98 64.2 0.0 126.0

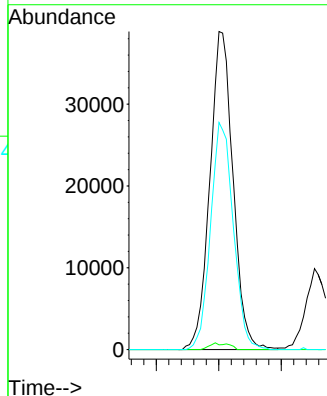
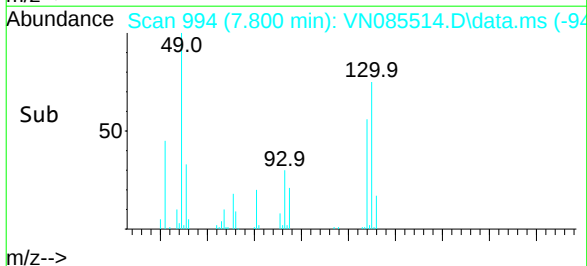
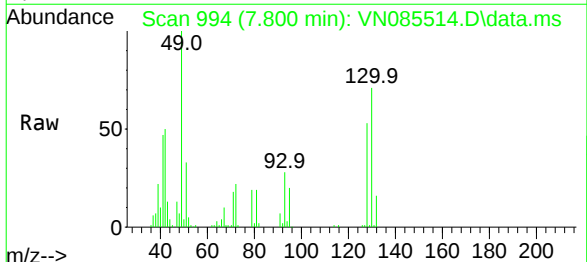
Manual Integrations
 APPROVED

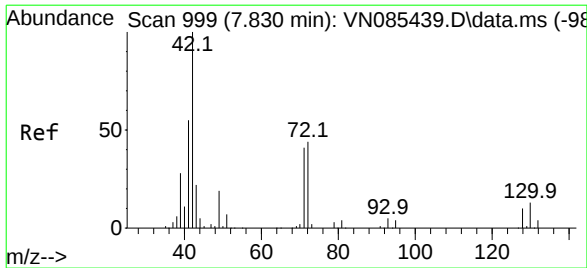
Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025



#28
 Bromochloromethane
 Concen: 42.071 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.006 min
 Lab File: VN085514.D
 Acq: 21 Jan 2025 16:08

Tgt Ion: 49 Resp: 100096
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.4
 130 70.2 55.0 82.4





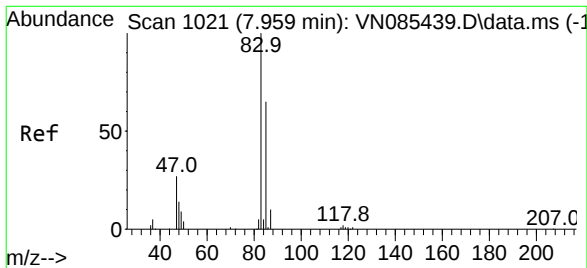
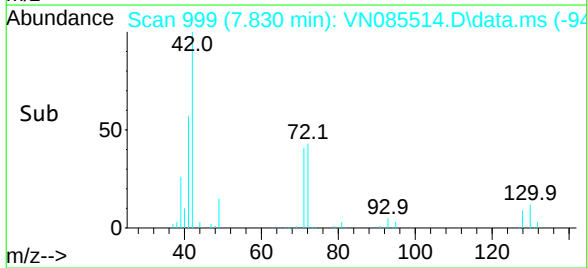
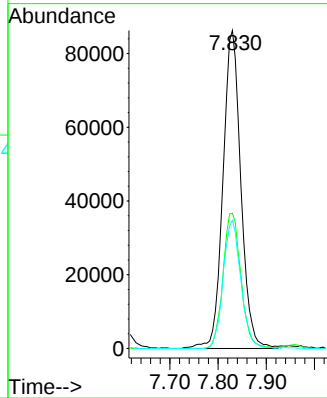
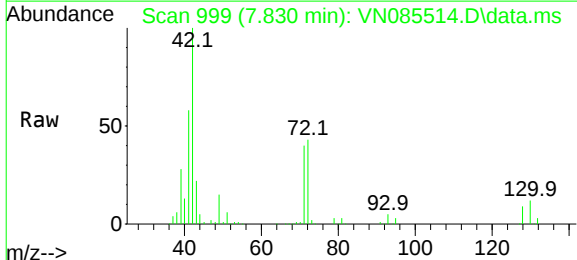
#29
Tetrahydrofuran
Concen: 210.773 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 222540
Ion Ratio Lower Upper
42 100
72 42.5 34.2 51.2
71 39.9 32.5 48.7

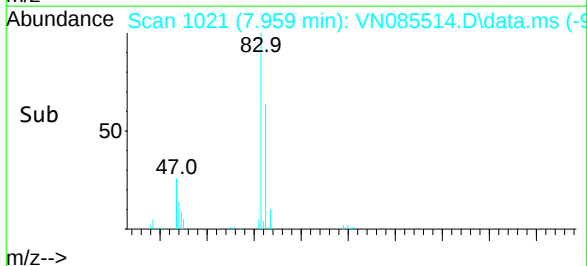
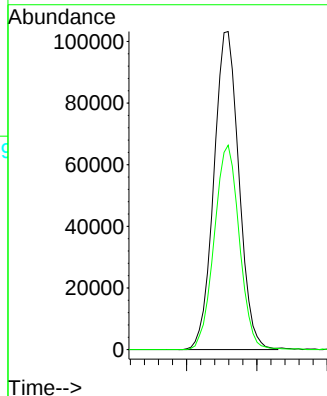
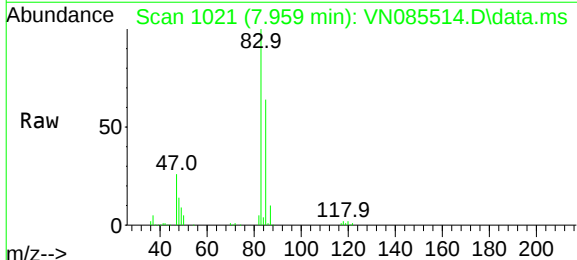
Manual Integrations
APPROVED

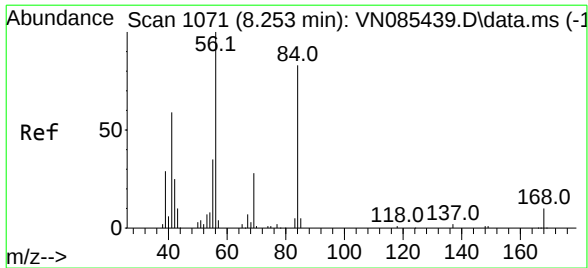
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#30
Chloroform
Concen: 48.406 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

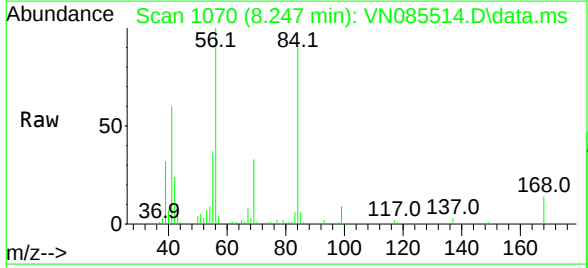
Tgt Ion: 83 Resp: 255848
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.6





#31
Cyclohexane
Concen: 45.478 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

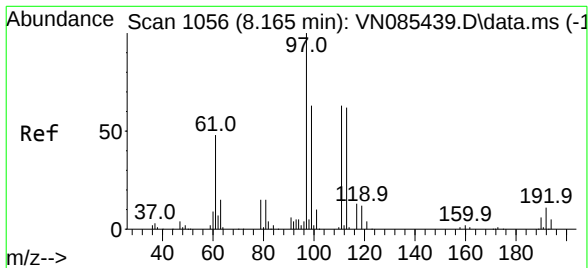
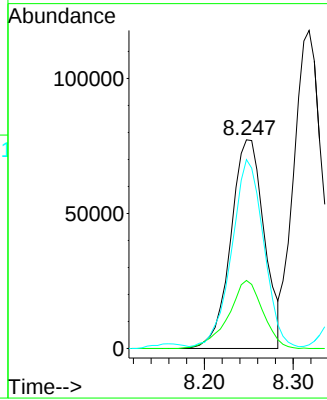
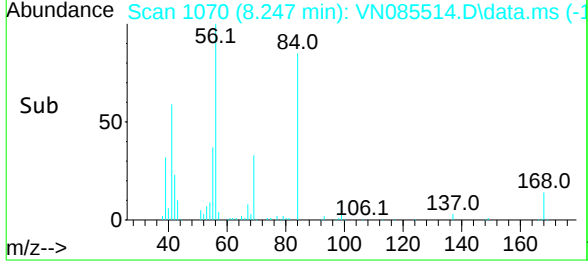
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 202146
Ion Ratio Lower Upper
56 100
69 32.6 22.2 33.4
84 88.7 66.4 99.6

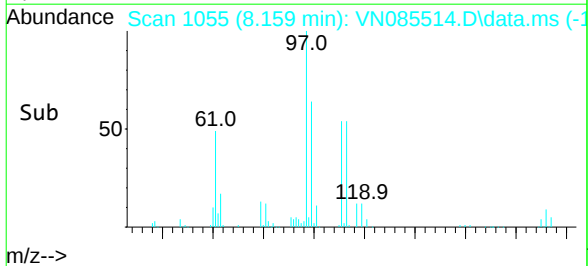
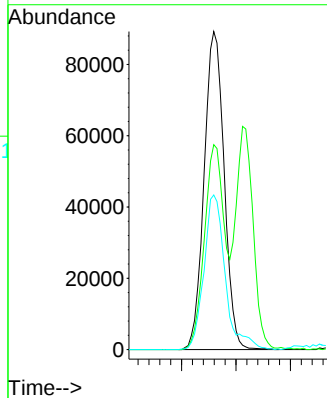
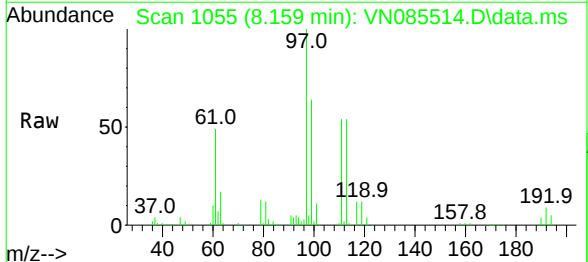
Manual Integrations
APPROVED

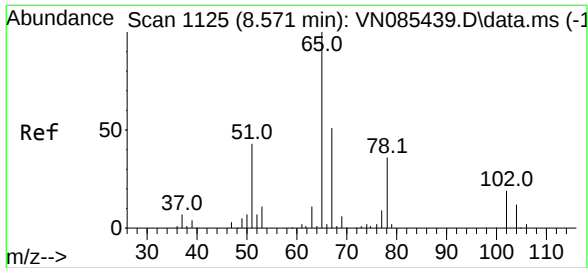
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#32
1,1,1-Trichloroethane
Concen: 49.217 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion: 97 Resp: 228180
Ion Ratio Lower Upper
97 100
99 64.9 49.8 74.6
61 51.7 41.4 62.2





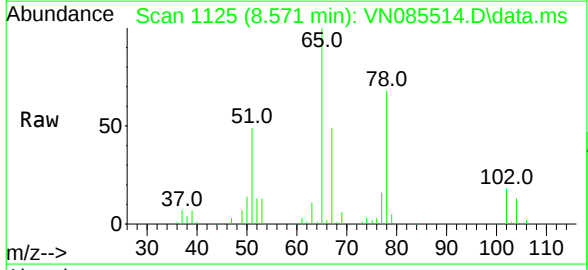
#33
 1,2-Dichloroethane-d4
 Concen: 42.967 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VN085514.D
 Acq: 21 Jan 2025 16:08

Instrument :

MSVOA_N

ClientSampleId :

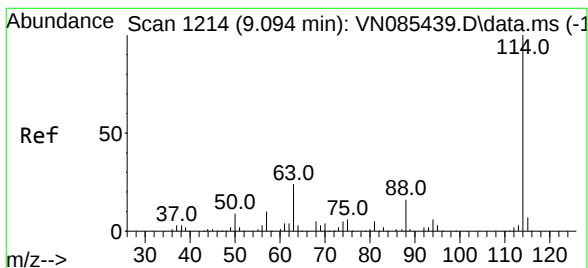
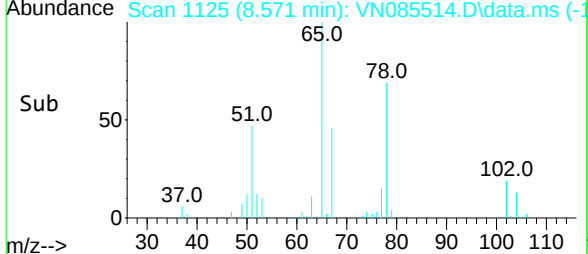
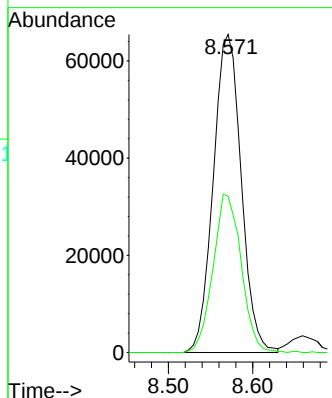
VSTDCCC050EC



Tgt Ion: 65 Resp: 150489
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.6

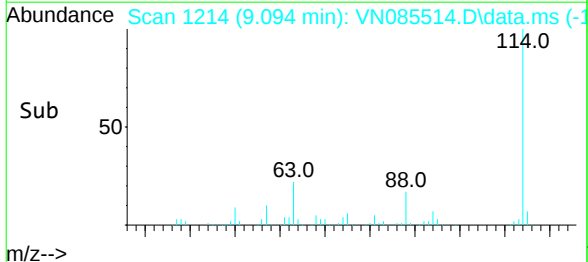
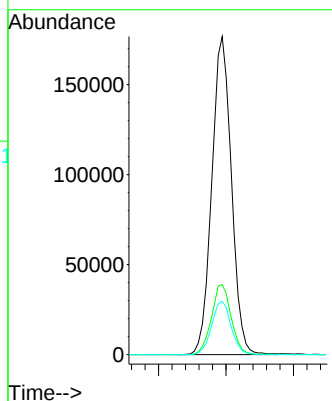
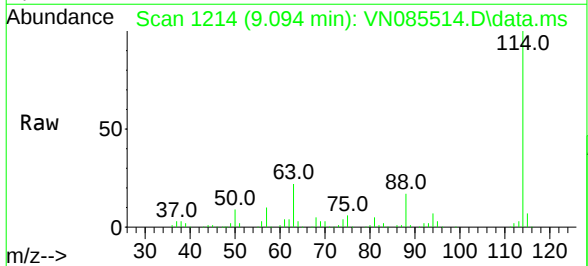
Manual Integrations
APPROVED

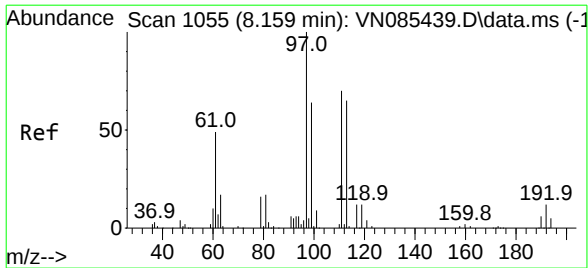
Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085514.D
 Acq: 21 Jan 2025 16:08

Tgt Ion:114 Resp: 356685
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 47.6
 88 16.8 0.0 32.6





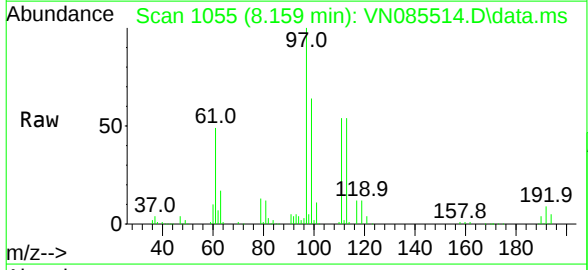
#35
 Dibromofluoromethane
 Concen: 45.194 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VN085514.D
 Acq: 21 Jan 2025 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

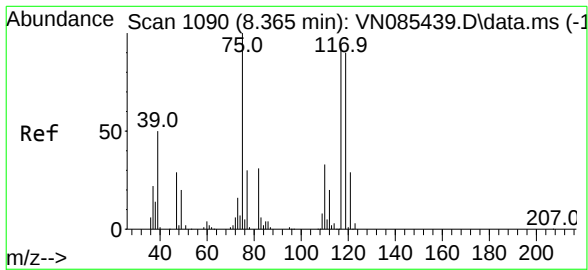
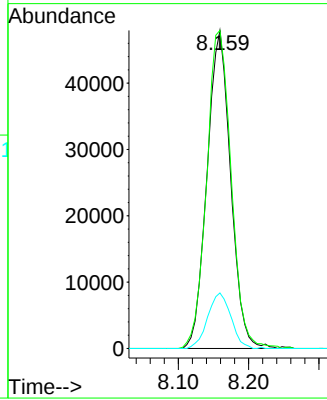
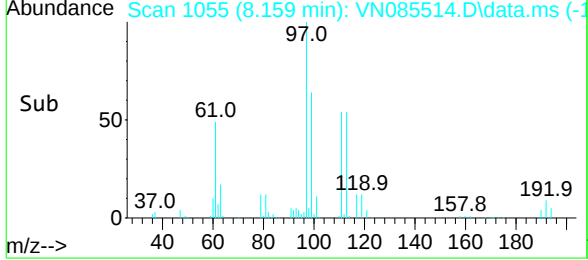


Tgt Ion:	113	Resp:	111833
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.7	124.1
192	17.2	14.3	21.5

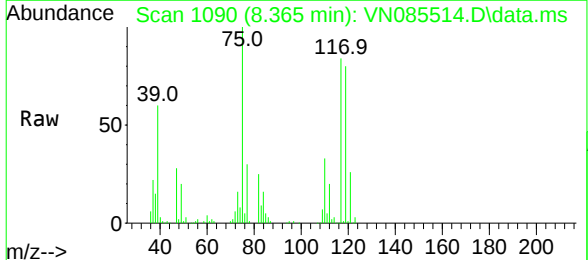
Manual Integrations

APPROVED

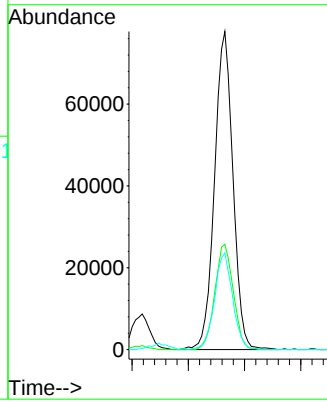
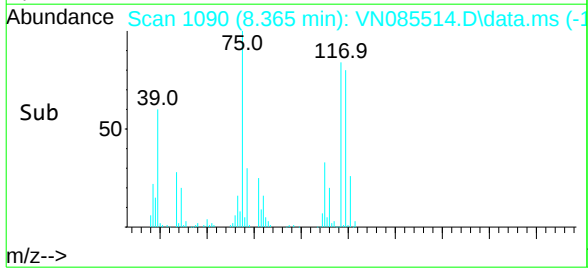
Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025

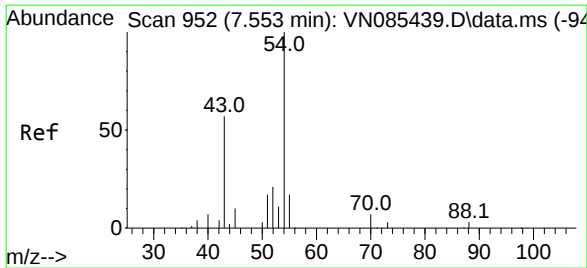


#36
 1,1-Dichloropropene
 Concen: 50.892 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VN085514.D
 Acq: 21 Jan 2025 16:08



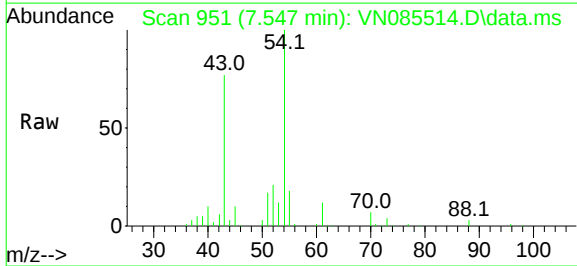
Tgt Ion:	75	Resp:	176745
Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.5	49.5
77	30.0	24.4	36.6





#37
Ethyl Acetate
Concen: 40.068 ug/l
RT: 7.547 min Scan# 951
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

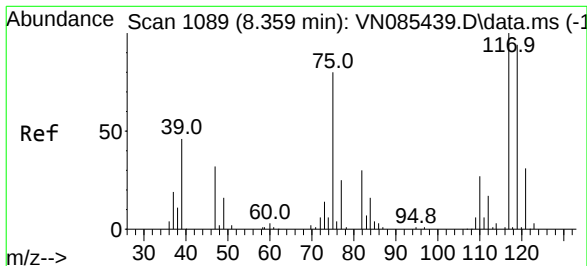
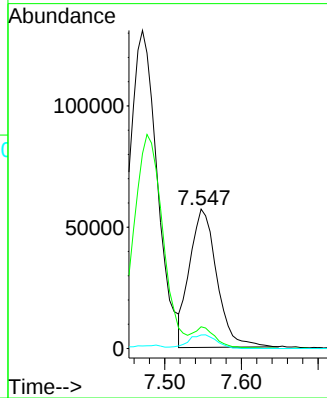
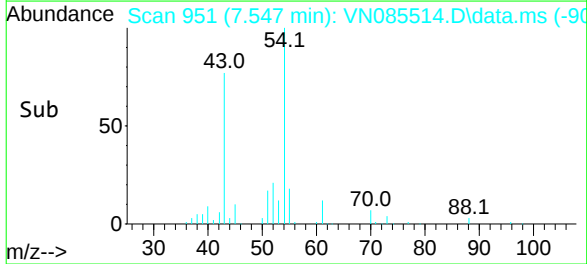
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 140455
Ion Ratio Lower Upper
43 100
61 13.1 10.9 16.3
70 10.1 7.5 11.3

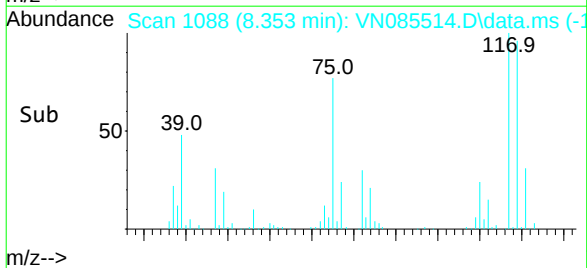
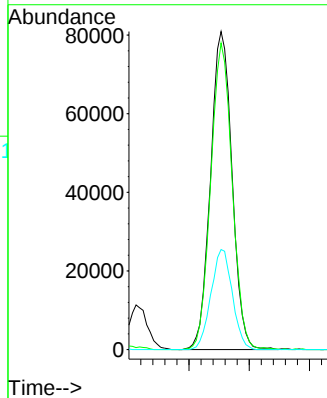
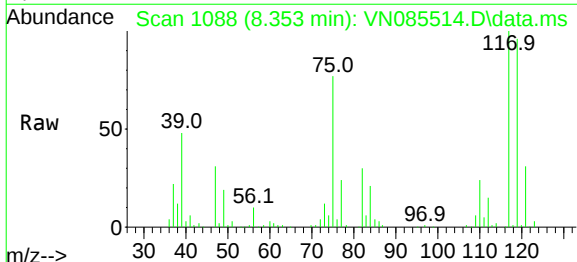
Manual Integrations
APPROVED

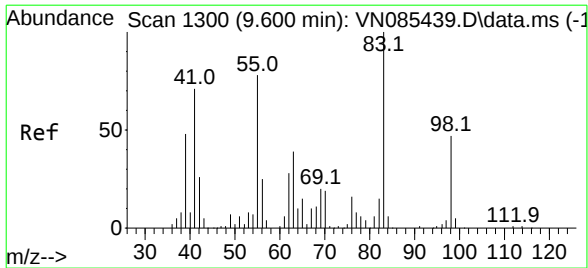
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#38
Carbon Tetrachloride
Concen: 50.532 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion:117 Resp: 200912
Ion Ratio Lower Upper
117 100
119 96.4 75.4 113.2
121 31.5 24.6 37.0





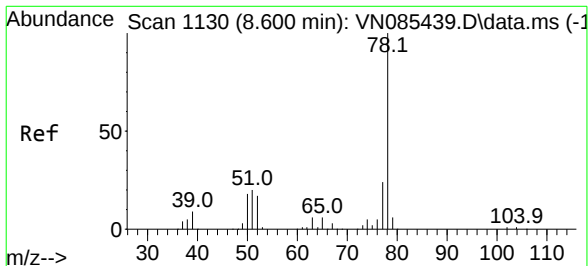
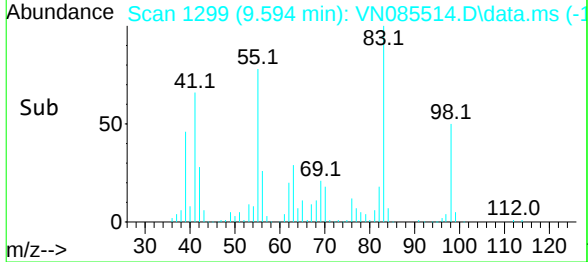
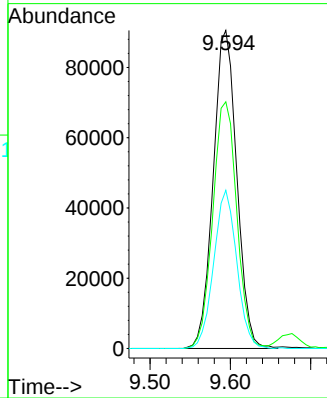
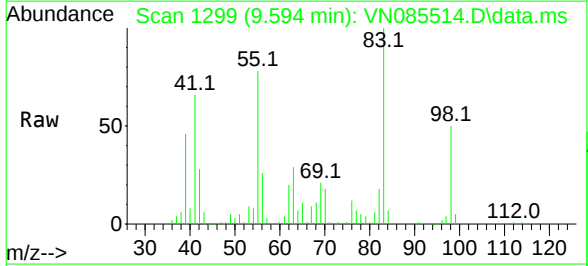
#39
Methylcyclohexane
Concen: 56.653 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 184889
Ion Ratio Lower Upper
83 100
55 77.6 62.6 94.0
98 49.7 37.7 56.5

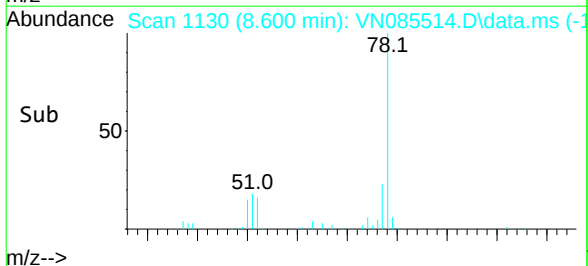
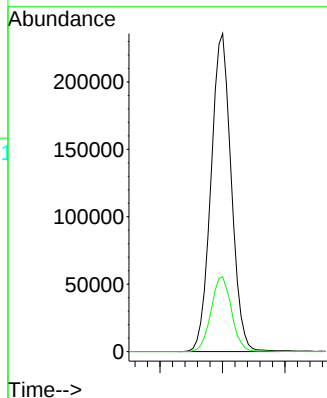
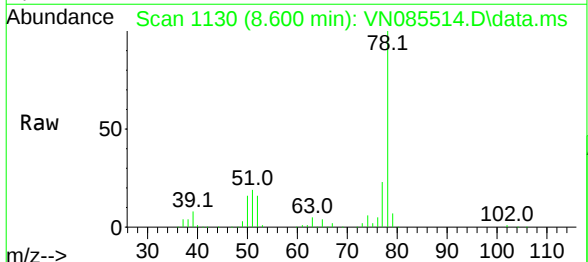
Manual Integrations
APPROVED

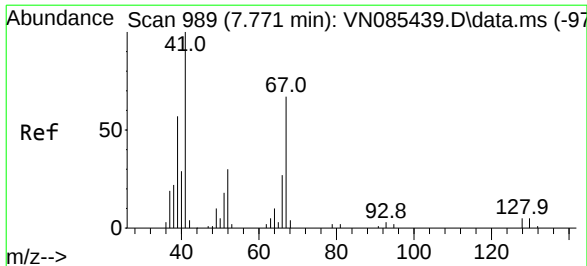
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#40
Benzene
Concen: 50.892 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion: 78 Resp: 531059
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





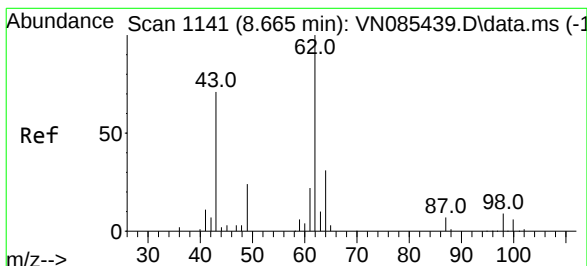
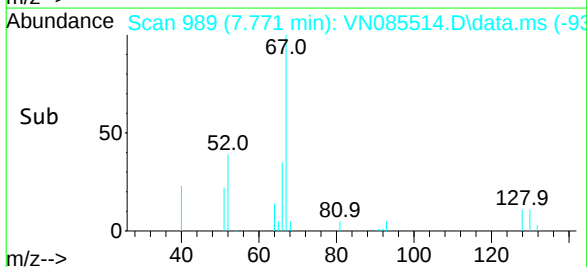
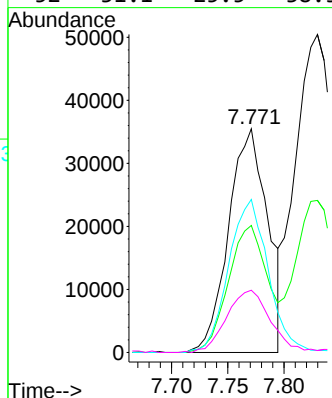
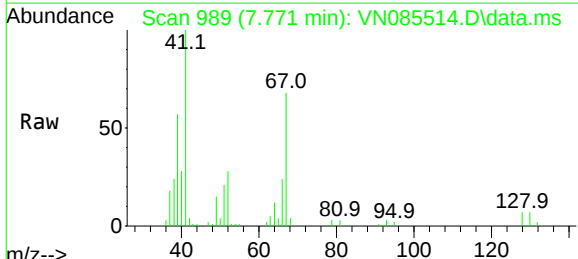
#41
Methacrylonitrile
Concen: 47.081 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	85863
Ion	Ratio	Lower	Upper
41	100		
39	56.6	46.0	69.0
67	69.5	57.4	86.2
52	31.1	25.5	38.3

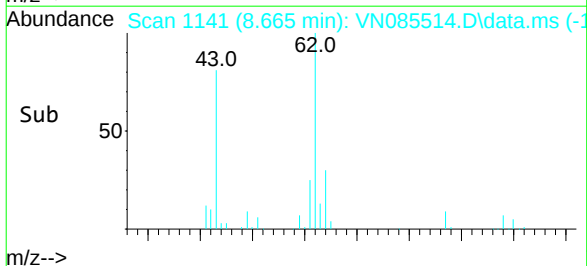
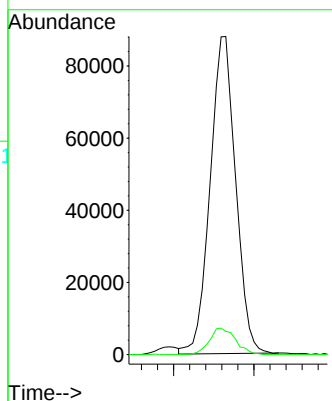
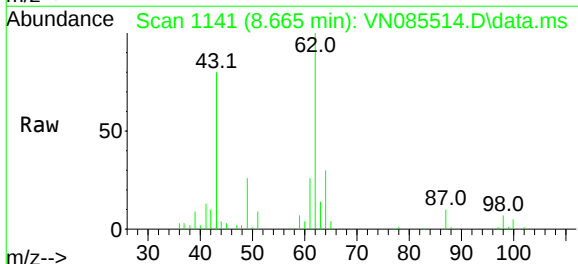
Manual Integrations
APPROVED

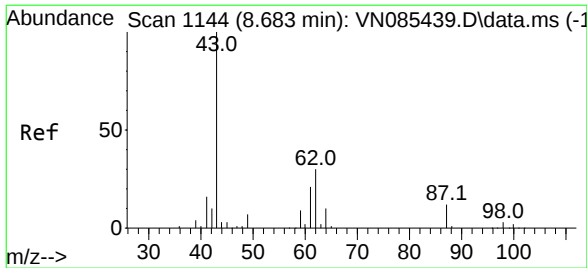
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#42
1,2-Dichloroethane
Concen: 49.376 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion:	62	Resp:	194056
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





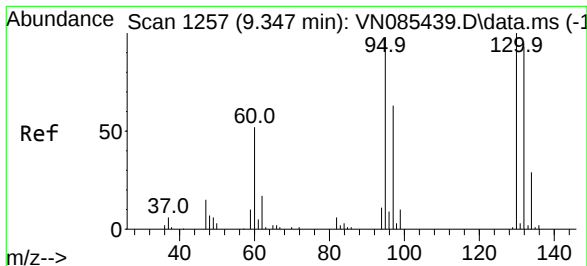
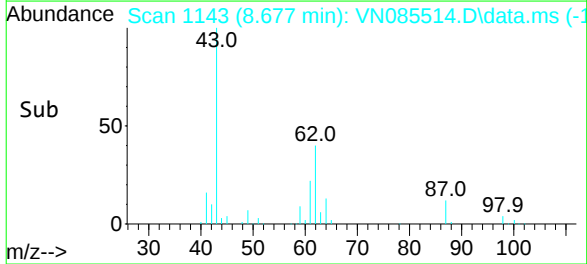
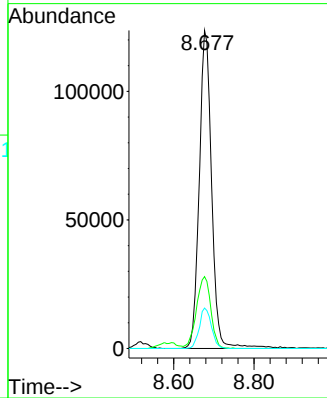
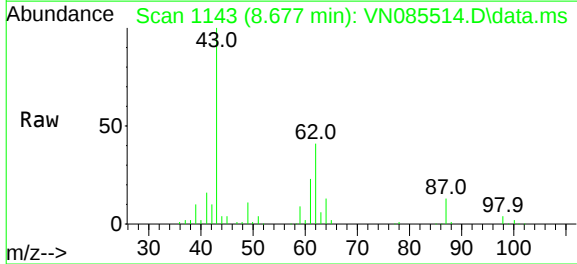
#43
Isopropyl Acetate
Concen: 47.036 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 264200
Ion Ratio Lower Upper
43 100
61 26.2 20.7 31.1
87 12.5 9.8 14.8

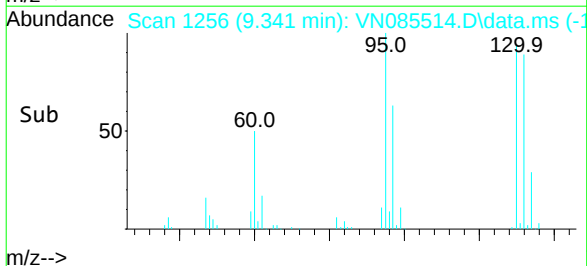
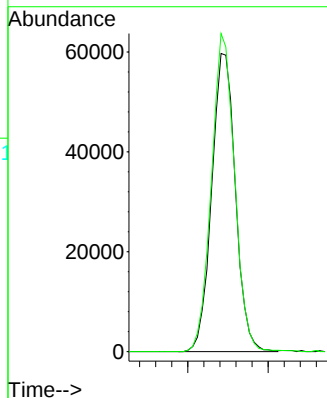
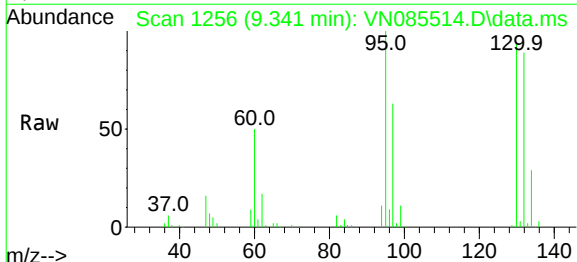
Manual Integrations
APPROVED

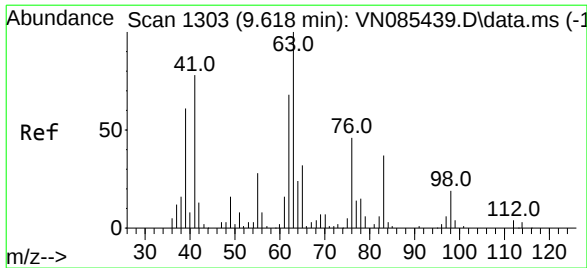
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#44
Trichloroethene
Concen: 50.321 ug/l
RT: 9.341 min Scan# 1256
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion:130 Resp: 122231
Ion Ratio Lower Upper
130 100
95 106.7 0.0 195.8





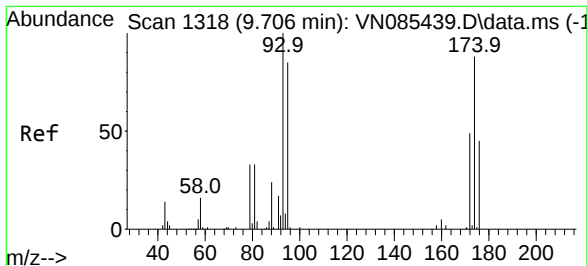
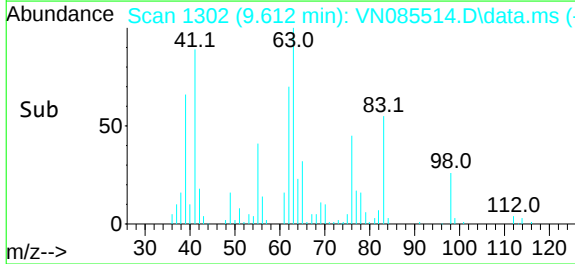
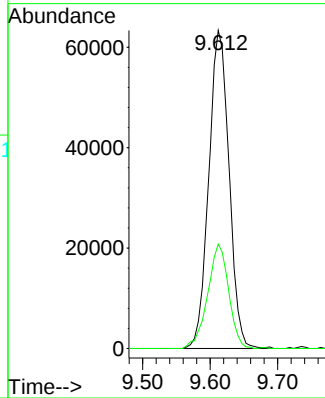
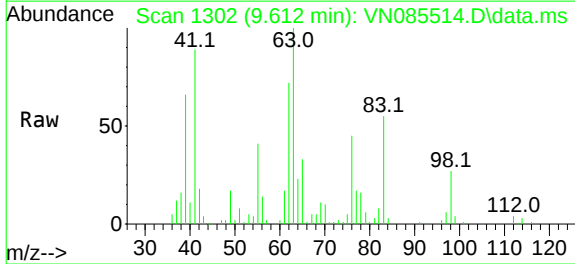
#45
1,2-Dichloropropane
Concen: 49.629 ug/l
RT: 9.612 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 132282
Ion Ratio Lower Upper
63 100
65 32.8 25.6 38.4

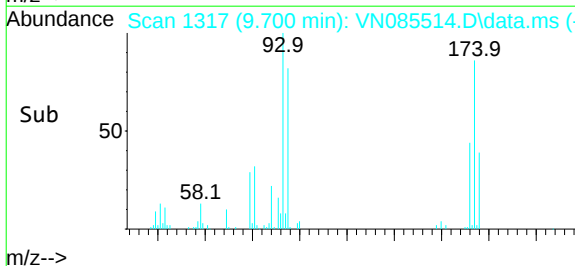
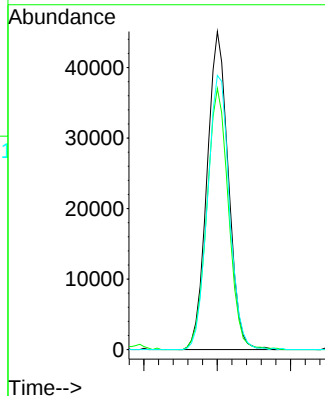
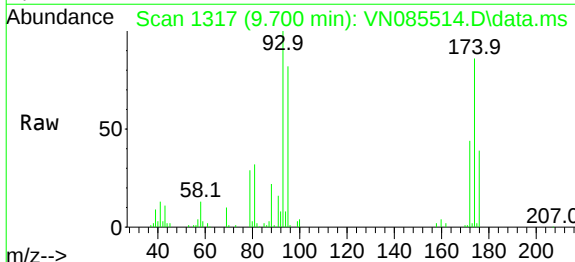
Manual Integrations
APPROVED

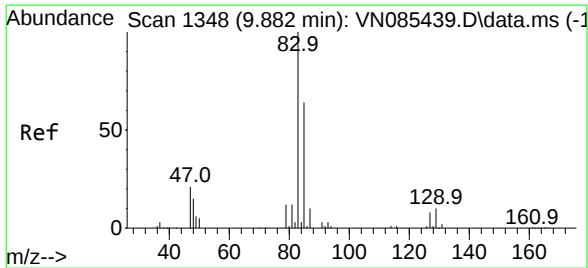
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#46
Dibromomethane
Concen: 47.371 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion: 93 Resp: 91105
Ion Ratio Lower Upper
93 100
95 83.2 64.7 97.1
174 88.6 69.0 103.4





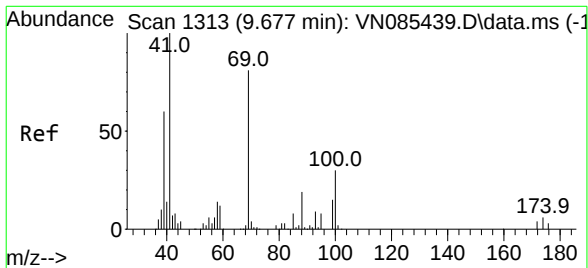
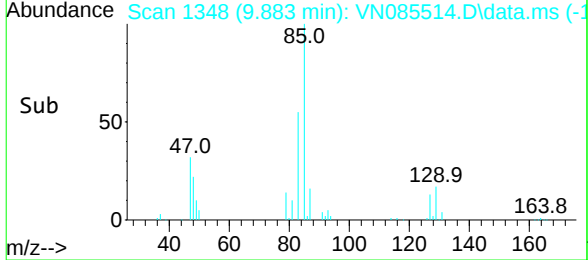
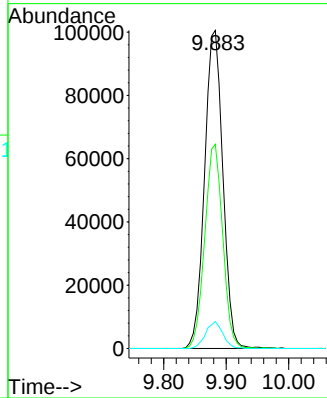
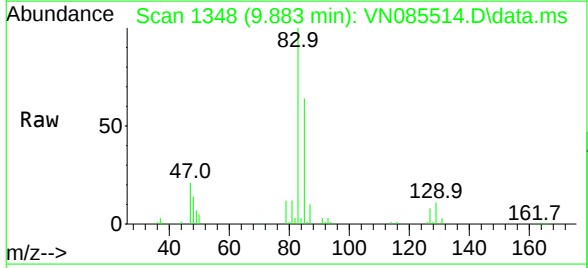
#47
Bromodichloromethane
Concen: 52.237 ug/l
RT: 9.883 min Scan# 1312
Delta R.T. 0.001 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 204675
Ion Ratio Lower Upper
83 100
85 64.2 51.2 76.8
127 8.5 6.5 9.7

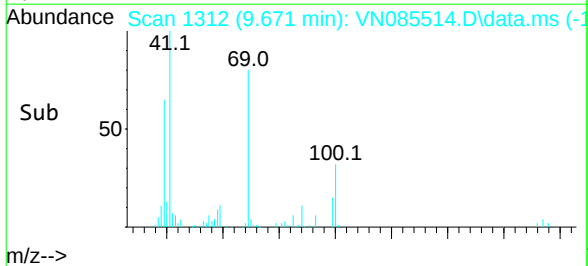
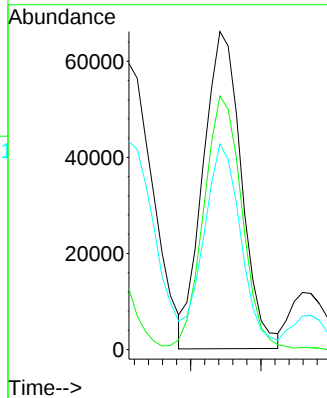
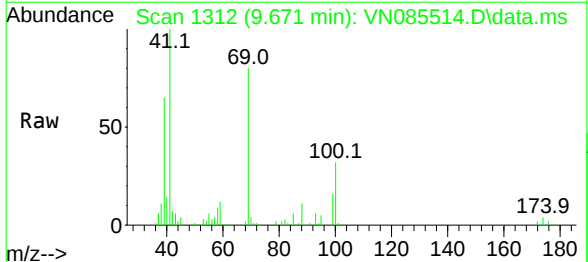
Manual Integrations
APPROVED

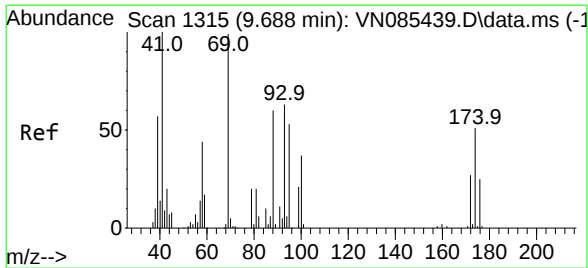
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#48
Methyl methacrylate
Concen: 49.688 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

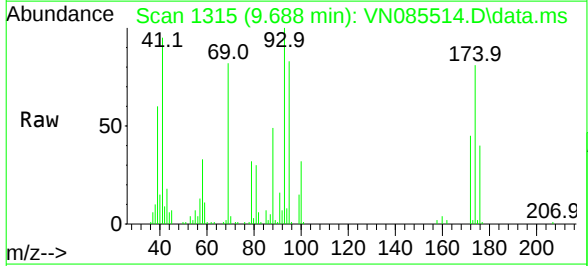
Tgt Ion: 41 Resp: 125599
Ion Ratio Lower Upper
41 100
69 79.9 64.7 97.1
39 62.9 49.0 73.6





#49
1,4-Dioxane
Concen: 719.270 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

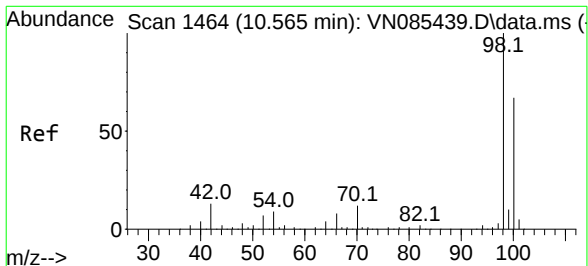
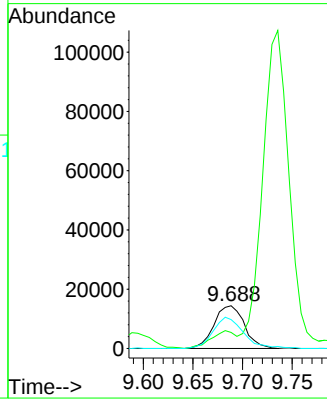
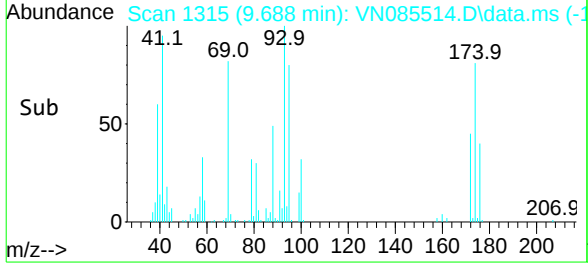
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 30617
Ion Ratio Lower Upper
88 100
43 34.0 26.6 39.8
58 73.8 59.5 89.3

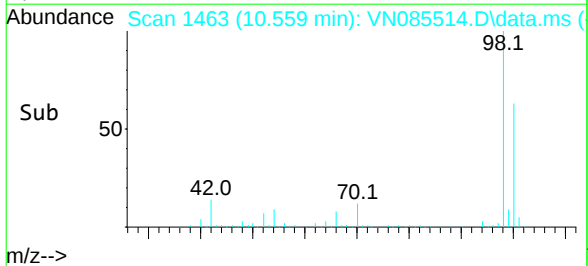
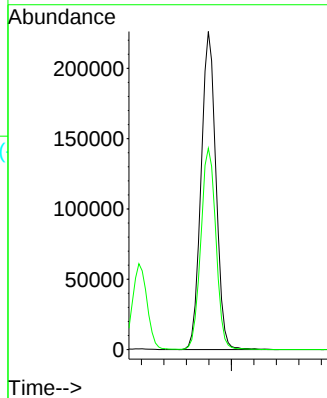
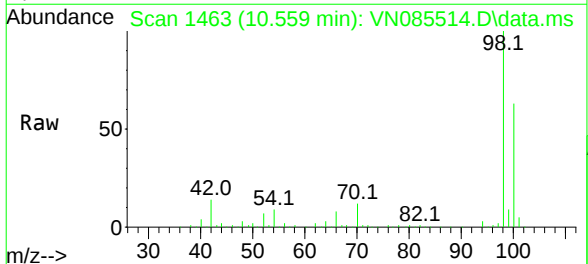
Manual Integrations
APPROVED

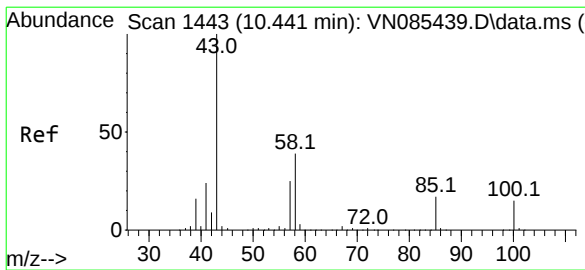
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#50
Toluene-d8
Concen: 47.222 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion: 98 Resp: 415174
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4





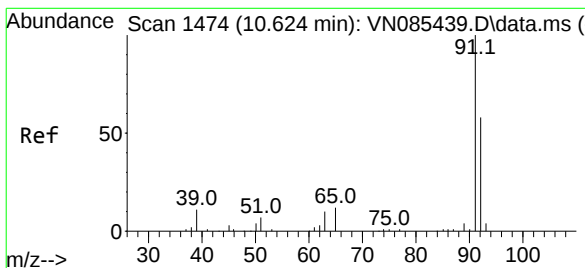
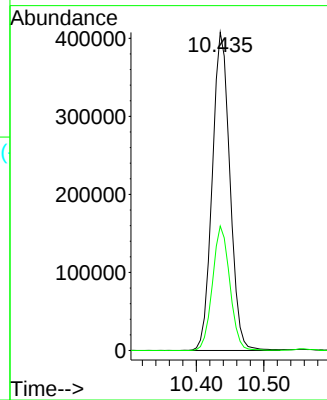
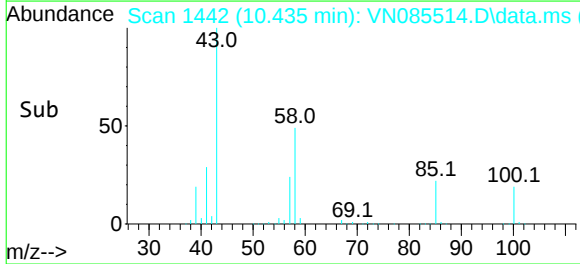
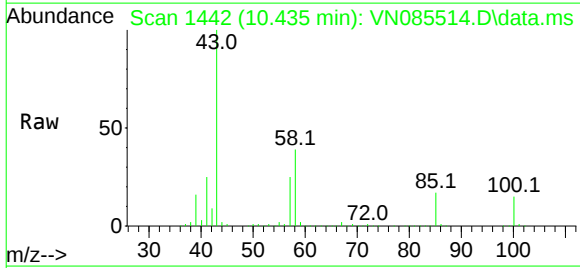
#51
4-Methyl-2-Pentanone
Concen: 227.379 ug/l
RT: 10.435 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 741124
Ion Ratio Lower Upper
43 100
58 38.4 30.5 45.7

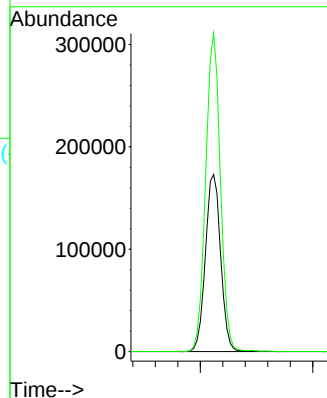
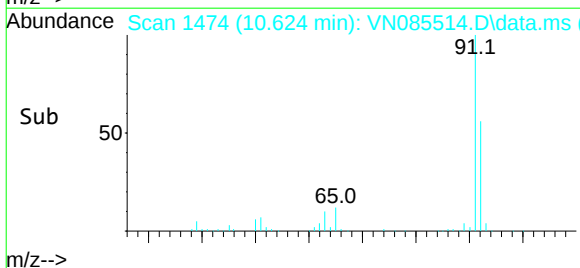
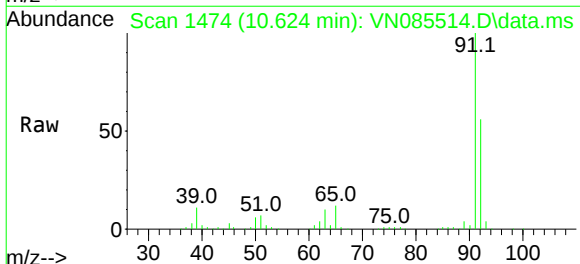
Manual Integrations
APPROVED

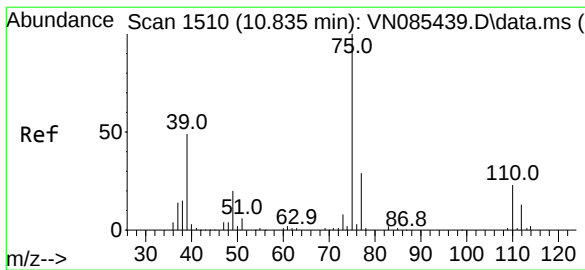
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#52
Toluene
Concen: 53.850 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

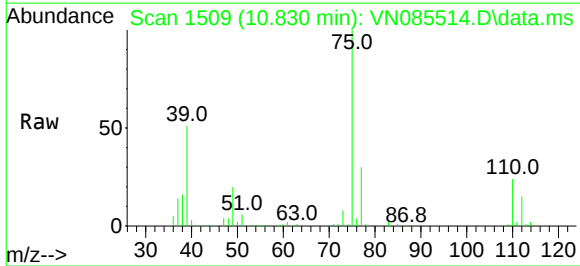
Tgt Ion: 92 Resp: 325594
Ion Ratio Lower Upper
92 100
91 174.1 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 53.800 ug/l
RT: 10.830 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

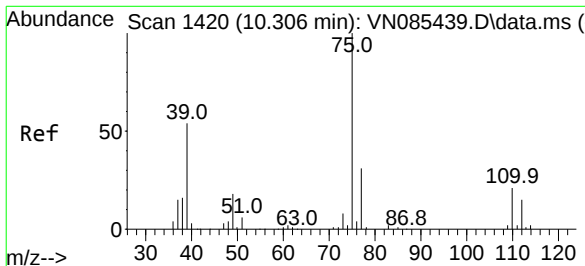
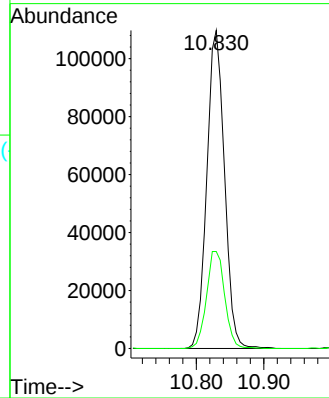
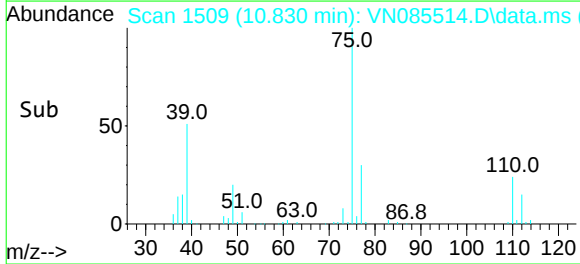
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



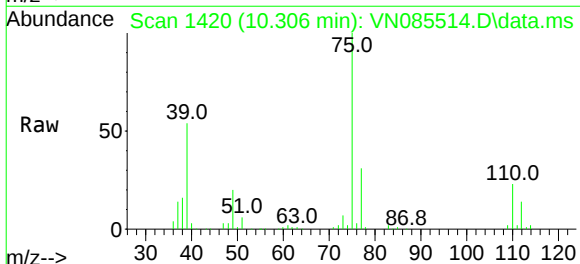
Tgt Ion: 75 Resp: 199212
Ion Ratio Lower Upper
75 100
77 30.5 23.5 35.3

Manual Integrations
APPROVED

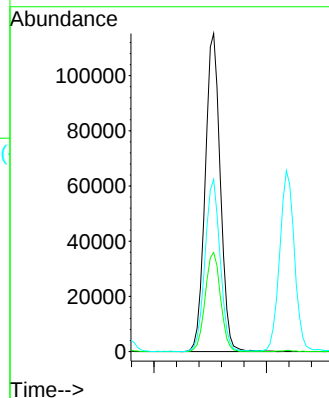
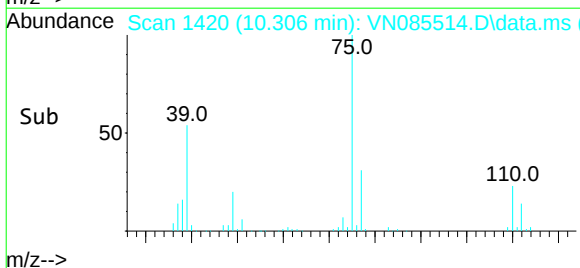
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#54
cis-1,3-Dichloropropene
Concen: 54.635 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08



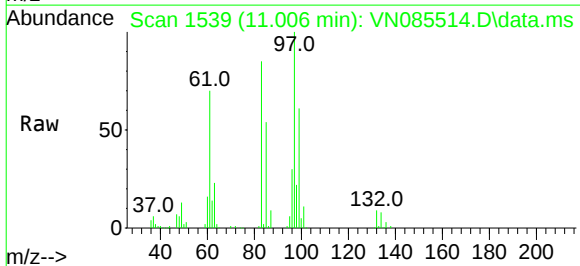
Tgt Ion: 75 Resp: 216096
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4
39 54.1 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 49.896 ug/l
RT: 11.006 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

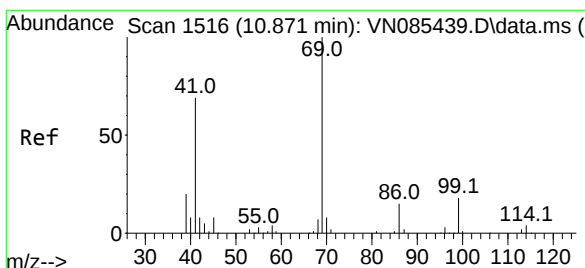
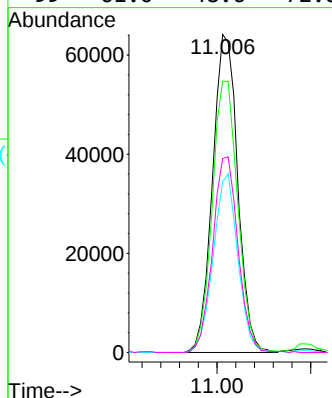
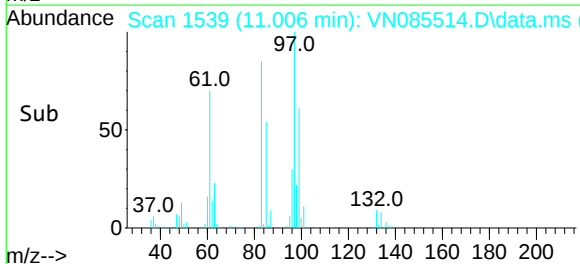
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.0	103.6
85	53.7	44.6	66.8
99	61.0	48.6	72.8

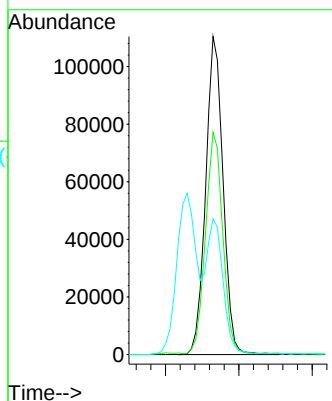
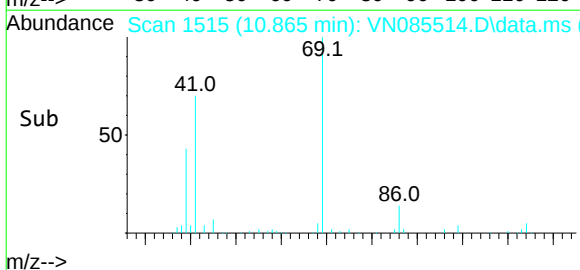
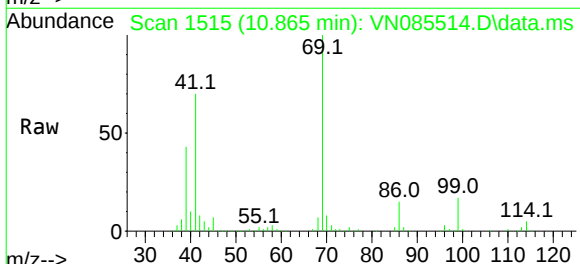
Manual Integrations
APPROVED

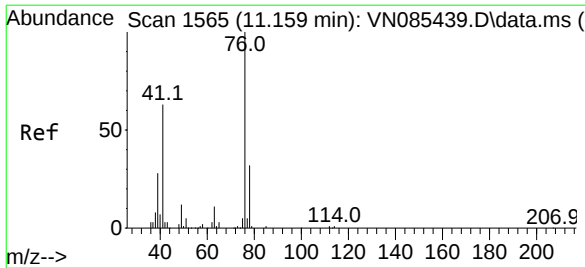
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#56
Ethyl methacrylate
Concen: 45.251 ug/l
RT: 10.865 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

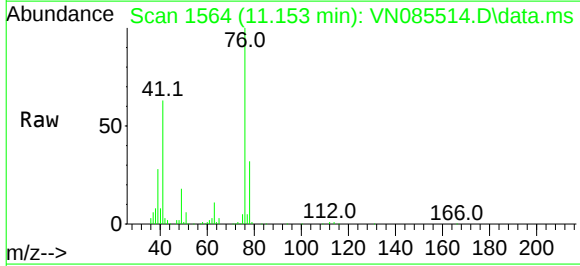
Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.0	54.6	82.0
39	41.8	32.4	48.6





#57
1,3-Dichloropropane
Concen: 50.336 ug/l
RT: 11.153 min Scan# 1564
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

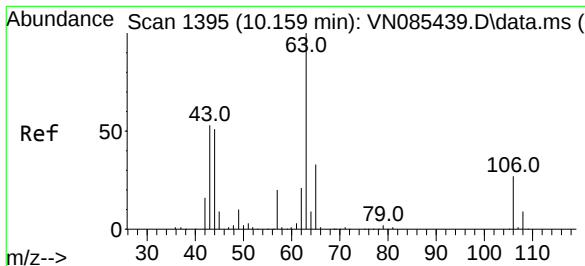
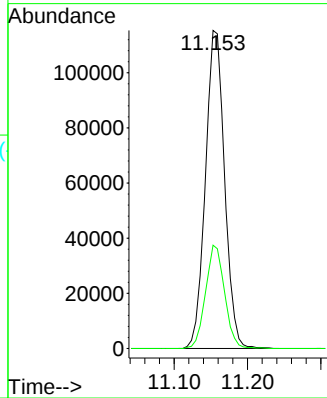
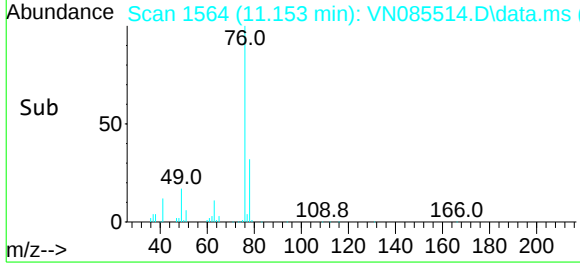
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 209430
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4

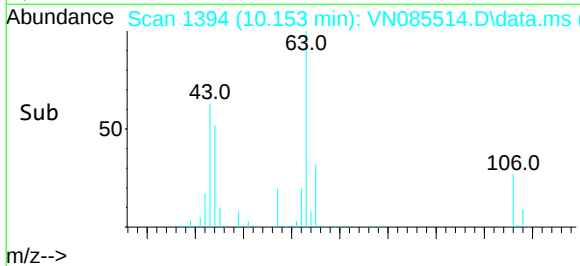
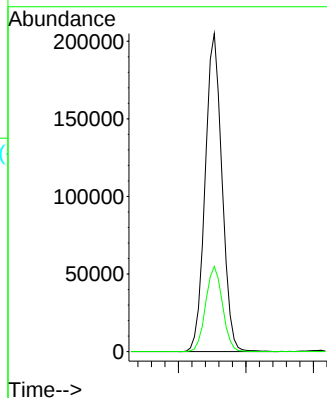
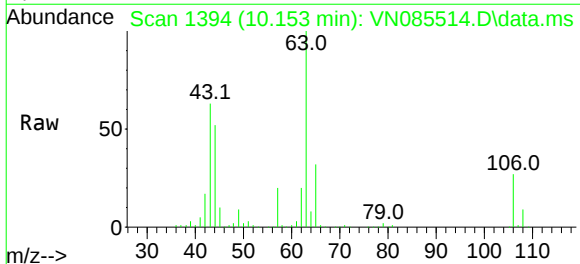
Manual Integrations
APPROVED

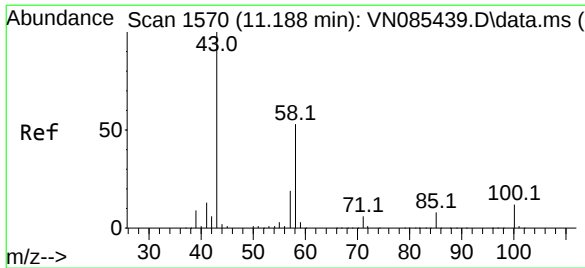
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#58
2-Chloroethyl Vinyl ether
Concen: 233.603 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion: 63 Resp: 354716
Ion Ratio Lower Upper
63 100
106 26.7 21.6 32.4





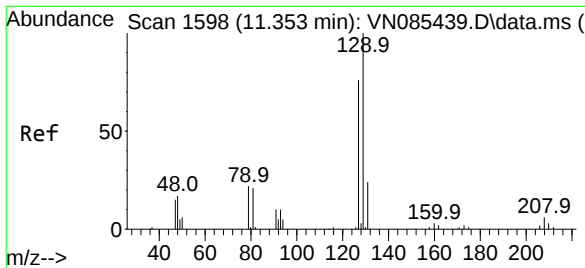
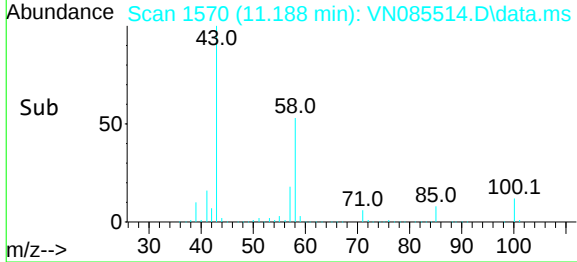
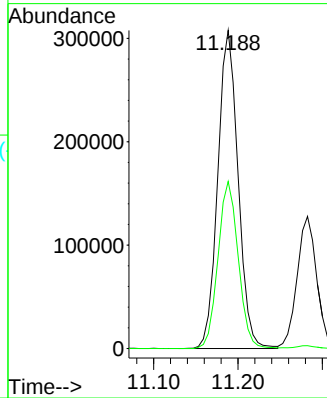
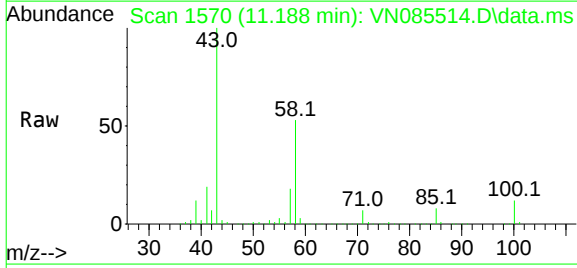
#59
2-Hexanone
Concen: 224.239 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 514277
Ion Ratio Lower Upper
43 100
58 52.3 26.2 78.6

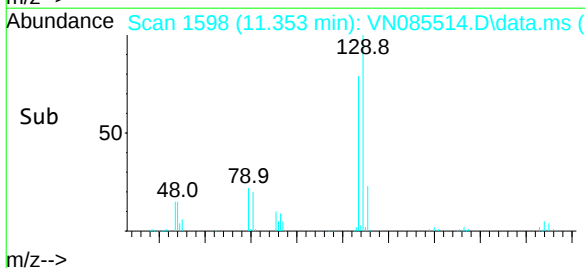
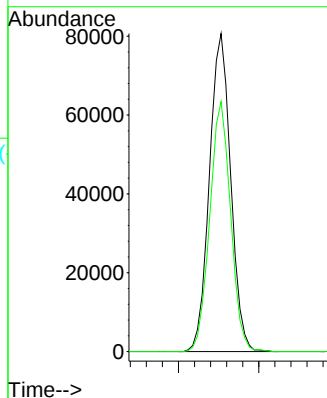
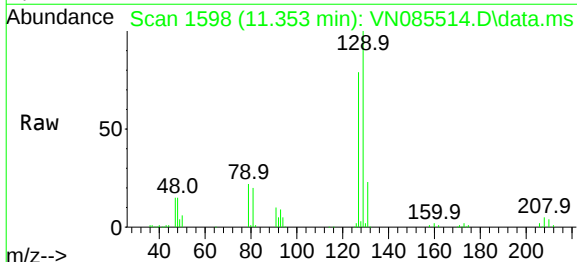
Manual Integrations
APPROVED

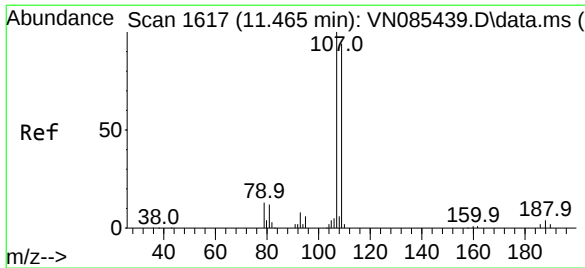
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#60
Dibromochloromethane
Concen: 51.338 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion:129 Resp: 148306
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





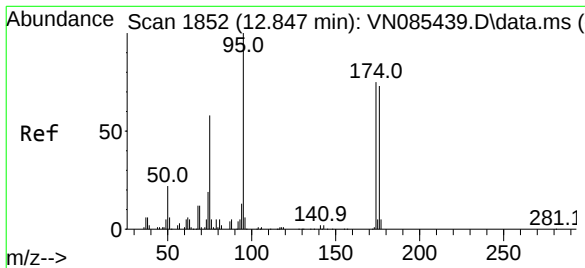
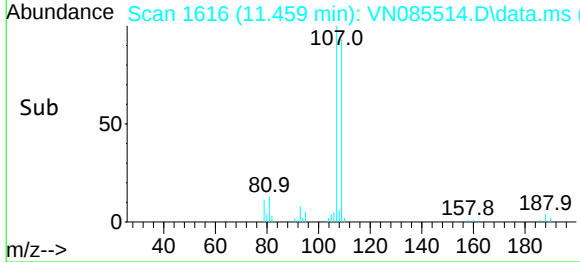
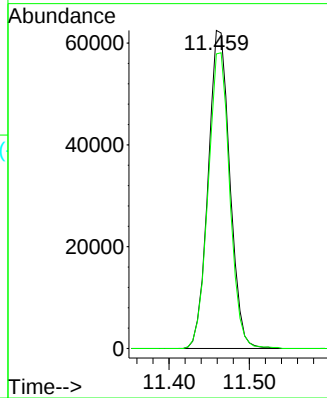
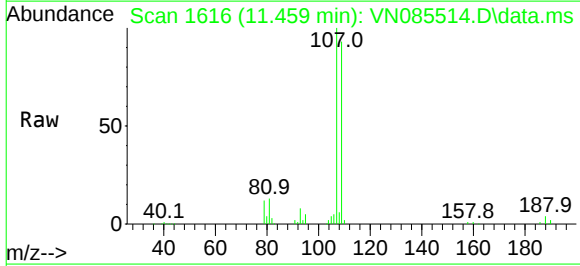
#61
1,2-Dibromoethane
Concen: 49.129 ug/l
RT: 11.459 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 117016
Ion Ratio Lower Upper
107 100
109 92.8 75.9 113.9

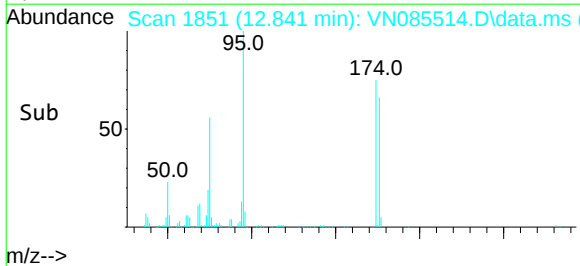
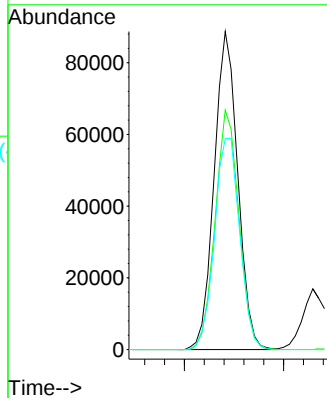
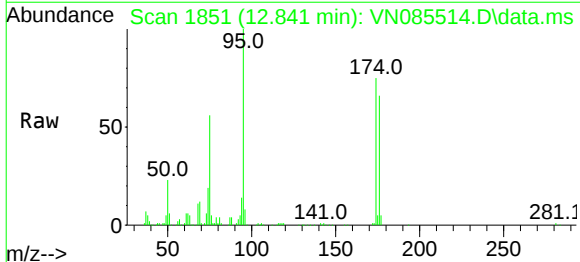
Manual Integrations
APPROVED

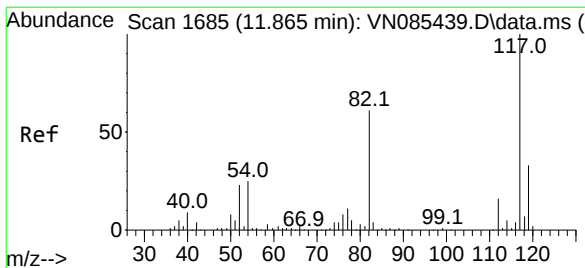
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#62
4-Bromofluorobenzene
Concen: 48.725 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

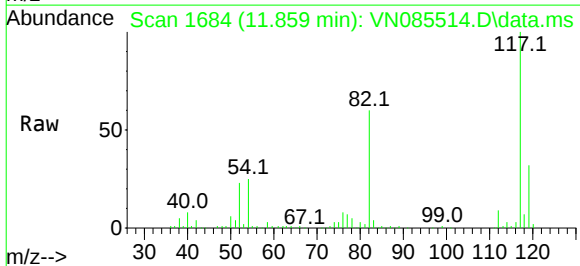
Tgt Ion: 95 Resp: 146540
Ion Ratio Lower Upper
95 100
174 75.8 0.0 145.0
176 71.2 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

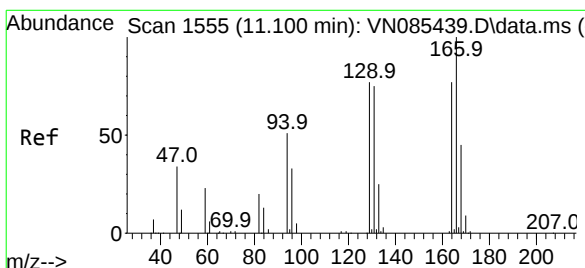
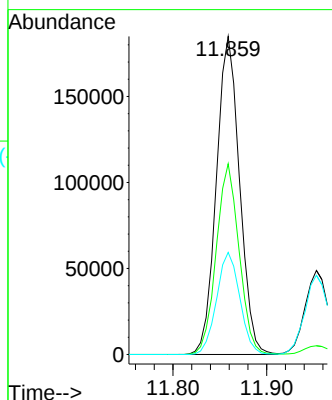
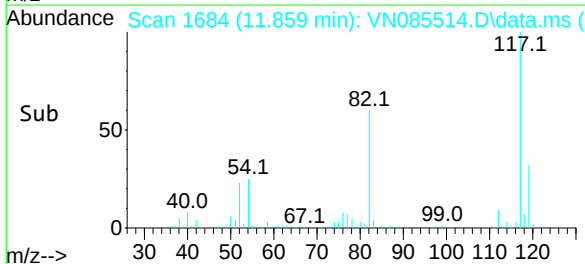
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 317997
Ion Ratio Lower Upper
117 100
82 60.0 48.6 72.8
119 32.1 26.6 39.8

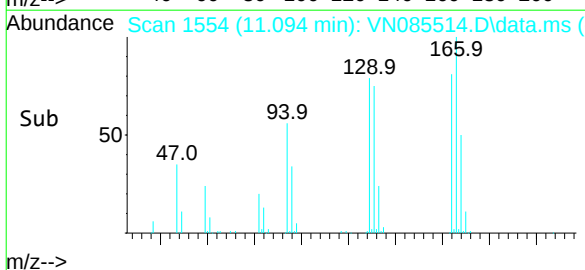
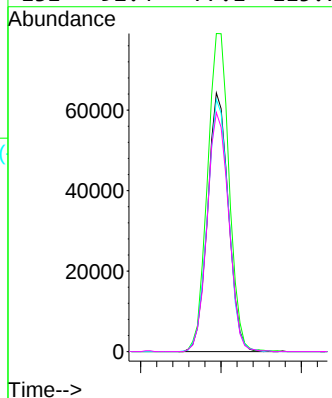
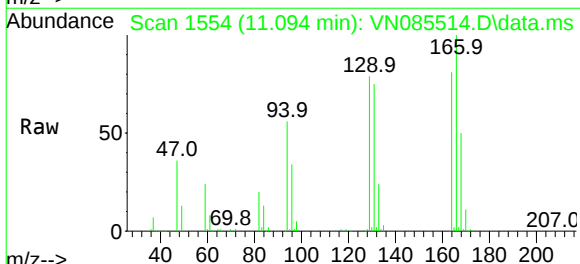
Manual Integrations
APPROVED

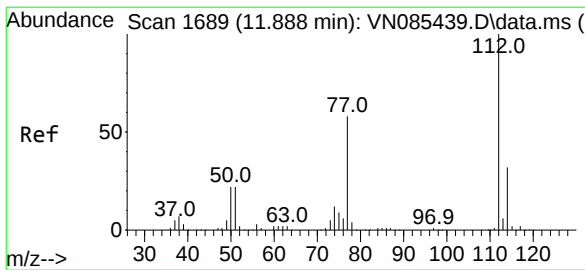
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#64
Tetrachloroethene
Concen: 53.465 ug/l
RT: 11.094 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion:164 Resp: 115906
Ion Ratio Lower Upper
164 100
166 122.9 103.4 155.2
129 97.5 79.2 118.8
131 92.4 77.1 115.7





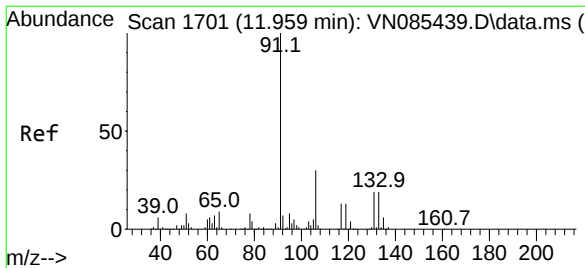
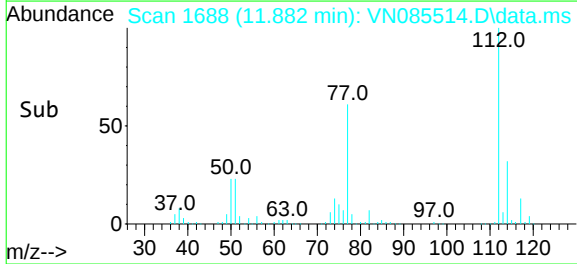
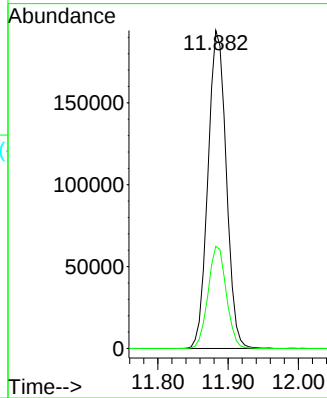
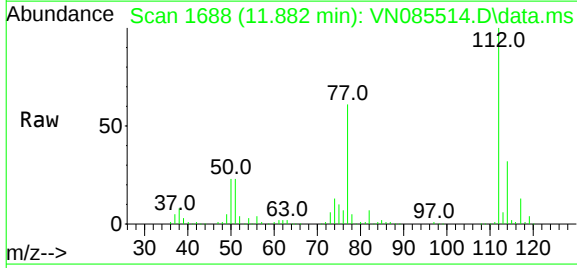
#65
Chlorobenzene
Concen: 50.362 ug/l
RT: 11.882 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 350833
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9

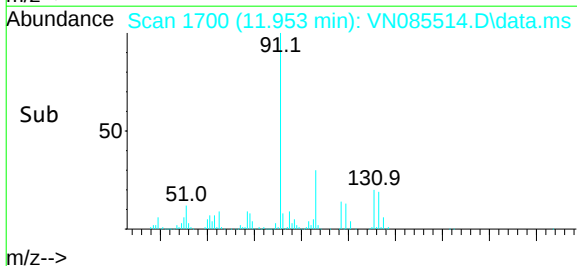
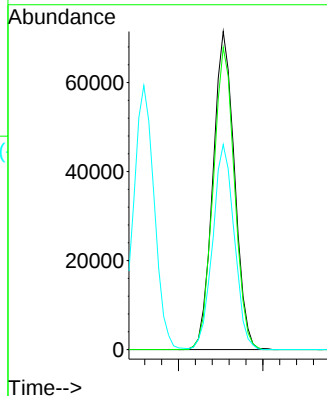
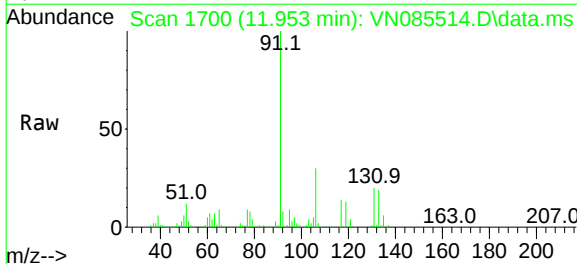
Manual Integrations
APPROVED

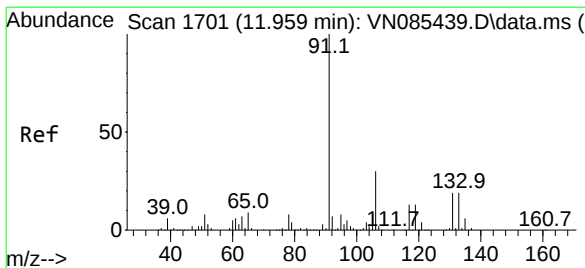
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.660 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion:131 Resp: 126968
Ion Ratio Lower Upper
131 100
133 93.8 47.4 142.3
119 64.4 33.1 99.5





#67

Ethyl Benzene

Concen: 55.604 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 630897

Ion Ratio Lower Upper

91 100

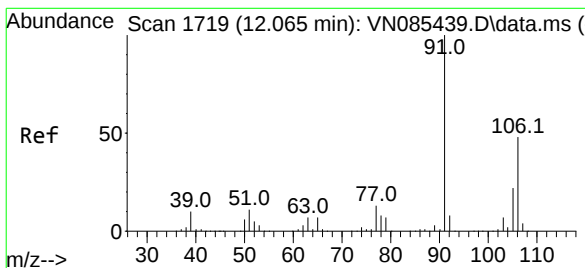
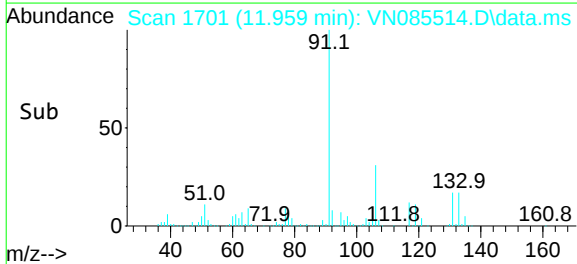
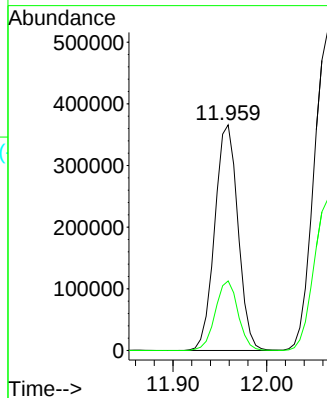
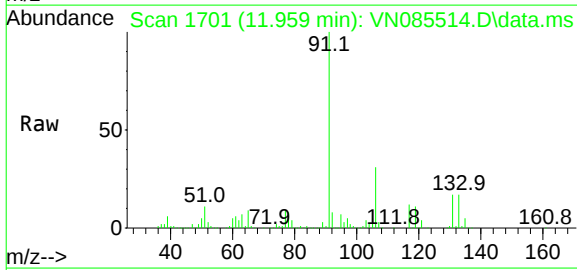
106 30.8 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#68

m/p-Xylenes

Concen: 112.702 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VN085514.D

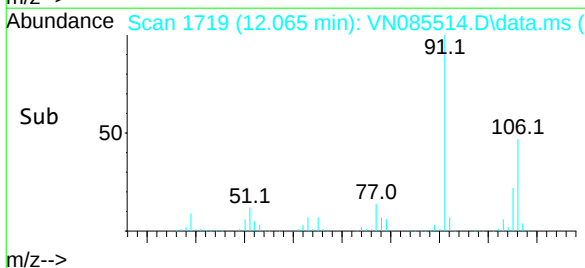
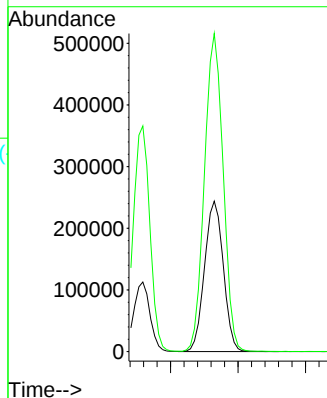
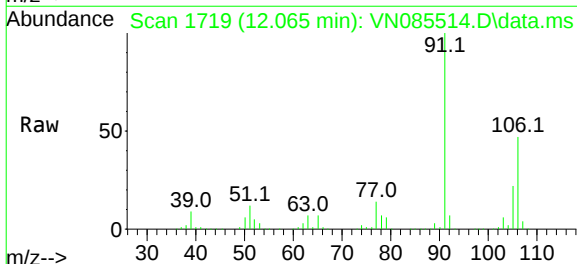
Acq: 21 Jan 2025 16:08

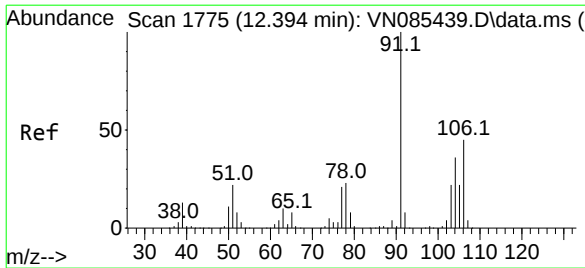
Tgt Ion:106 Resp: 472600

Ion Ratio Lower Upper

106 100

91 210.0 167.7 251.5





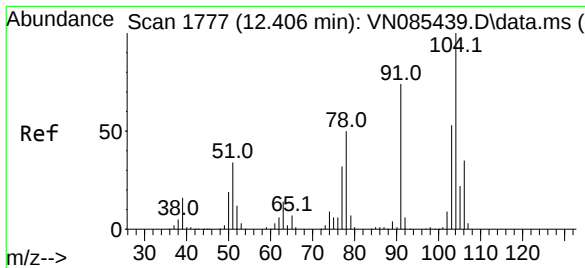
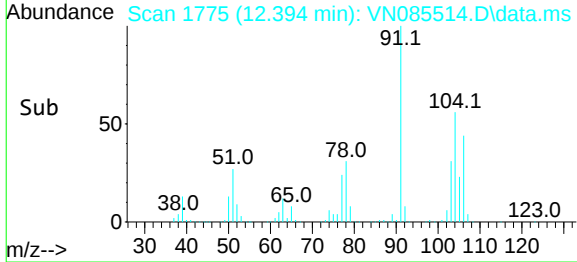
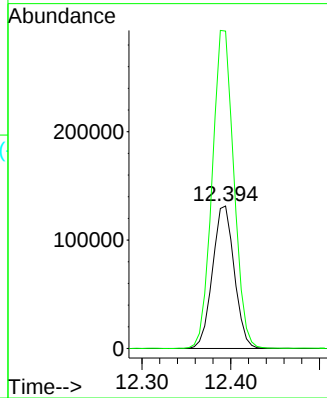
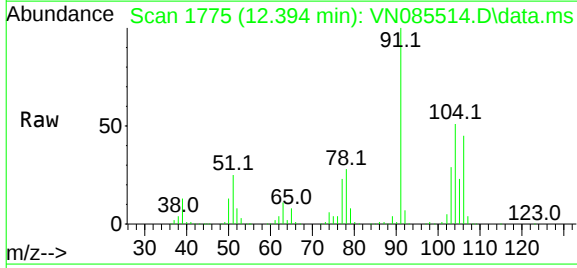
#69
o-Xylene
Concen: 55.878 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 223929
Ion Ratio Lower Upper
106 100
91 222.0 110.4 331.2

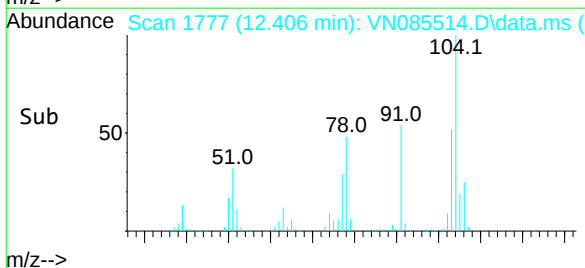
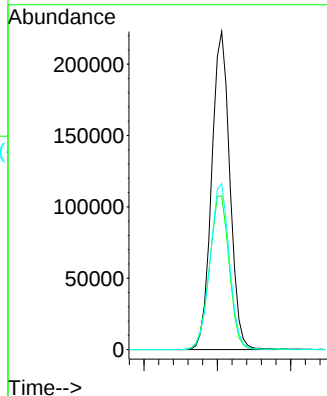
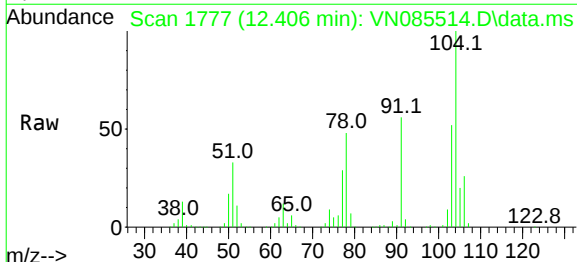
Manual Integrations
APPROVED

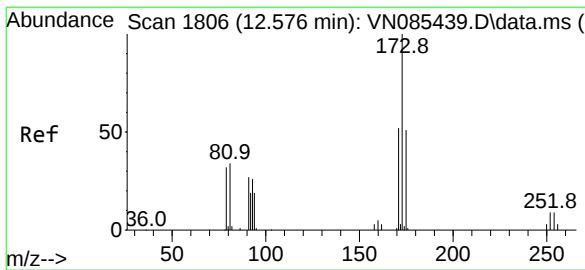
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#70
Styrene
Concen: 57.969 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion:104 Resp: 384465
Ion Ratio Lower Upper
104 100
78 52.5 42.5 63.7
103 55.2 43.8 65.8





#71

Bromoform

Concen: 49.918 ug/l

RT: 12.571 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Instrument :

MSVOA_N

ClientSampleId :

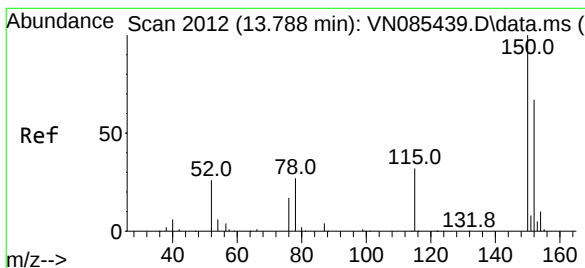
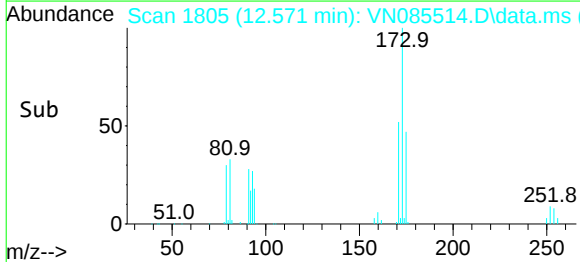
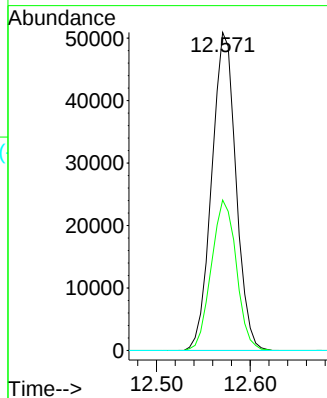
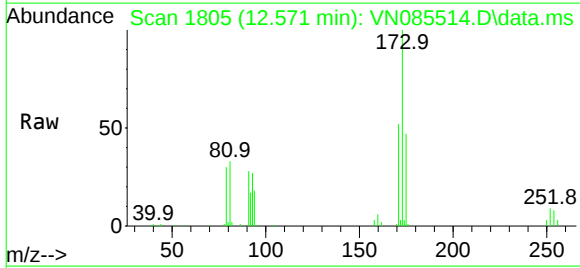
VSTDCCC050EC

Tgt Ion:	173	Resp:	91320
Ion Ratio	Lower	Upper	
173	100		
175	48.9	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

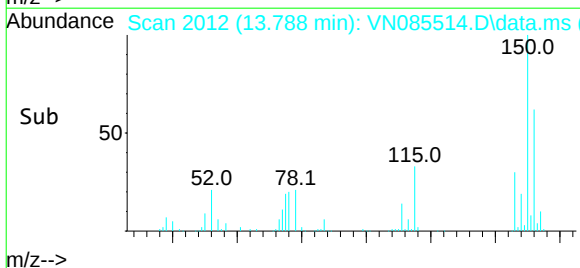
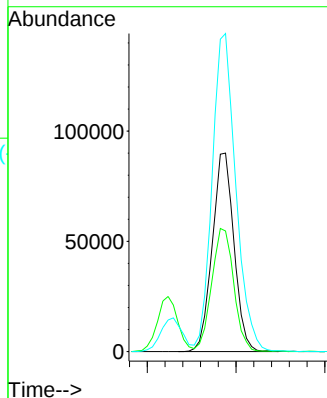
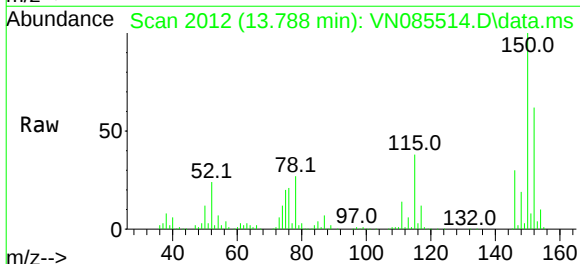
RT: 13.788 min Scan# 2012

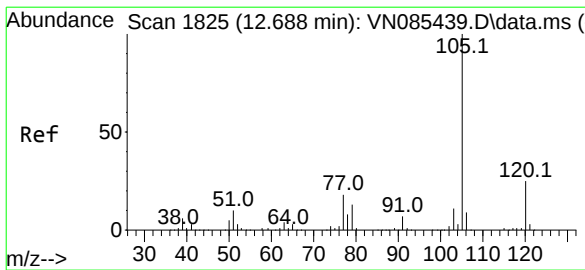
Delta R.T. 0.000 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Tgt Ion:	152	Resp:	153061
Ion Ratio	Lower	Upper	
152	100		
115	63.1	31.1	93.3
150	174.4	0.0	343.6





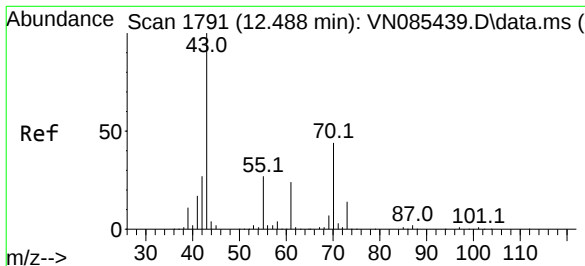
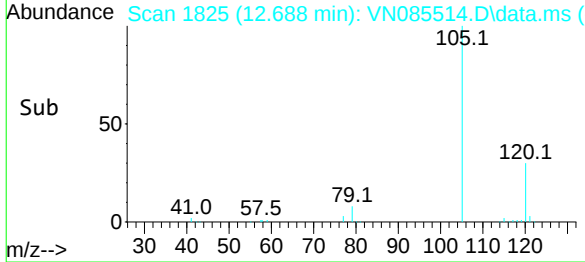
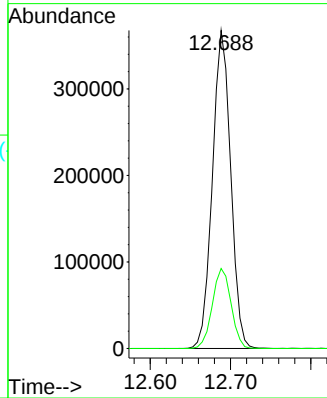
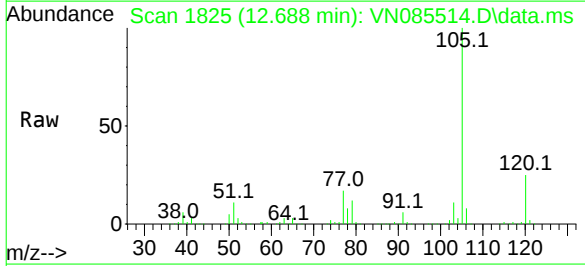
#73
Isopropylbenzene
Concen: 56.326 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 105 Resp: 581866
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.3

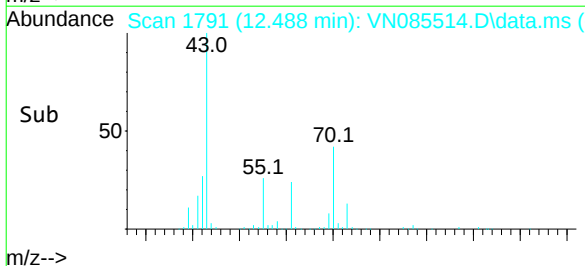
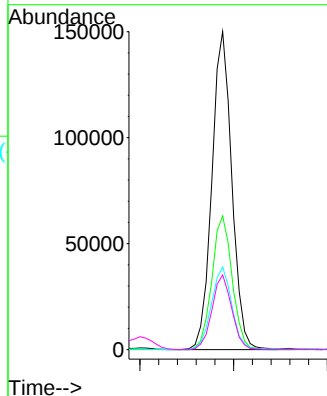
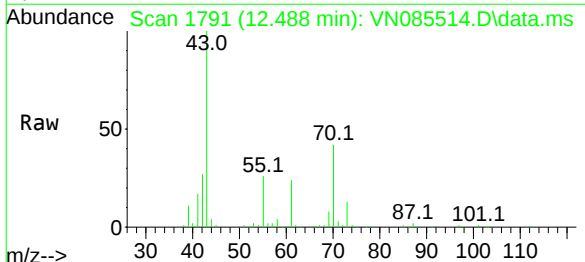
Manual Integrations
APPROVED

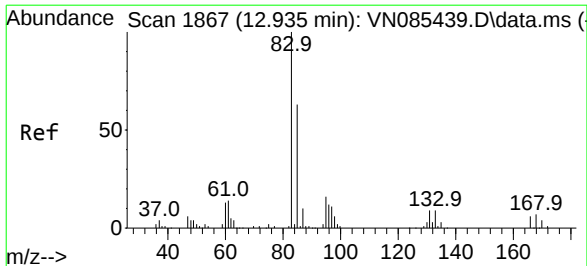
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#74
N-ethyl acetate
Concen: 47.756 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion: 43 Resp: 221742
Ion Ratio Lower Upper
43 100
70 42.6 34.0 51.0
55 26.9 21.4 32.2
61 23.2 19.0 28.4





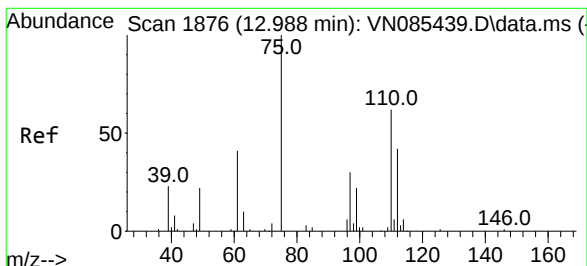
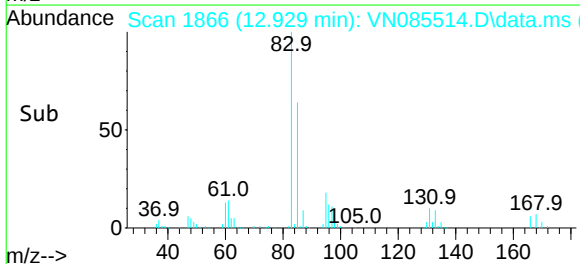
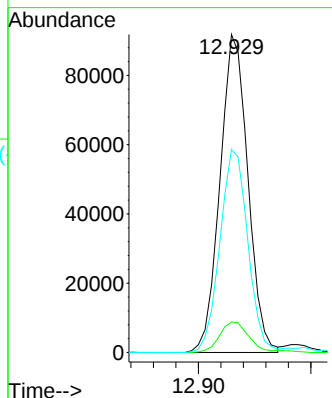
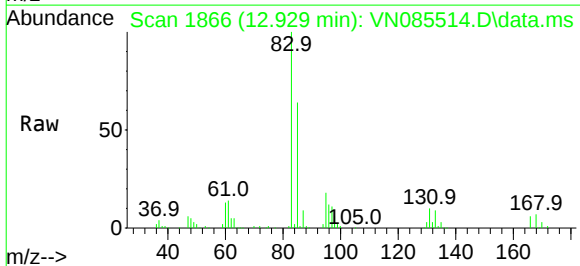
#75
1,1,2,2-Tetrachloroethane
Concen: 43.325 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	83	Resp:	158099
Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.8	14.4
85	64.4	32.2	96.6

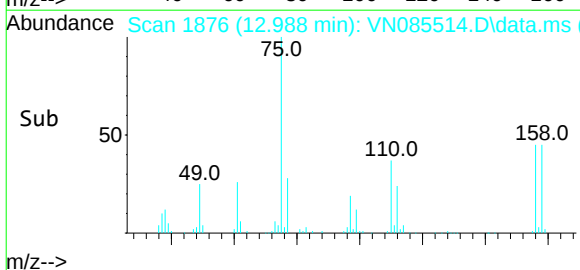
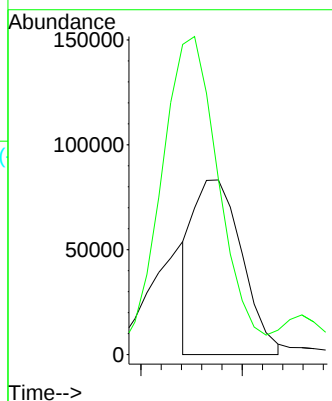
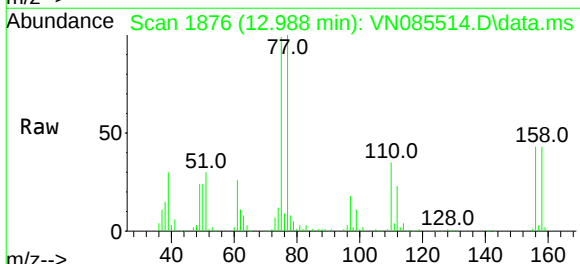
Manual Integrations
APPROVED

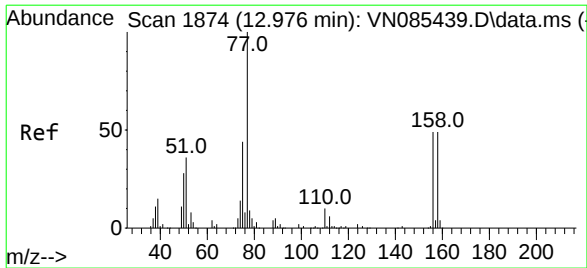
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#76
1,2,3-Trichloropropane
Concen: 44.715 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

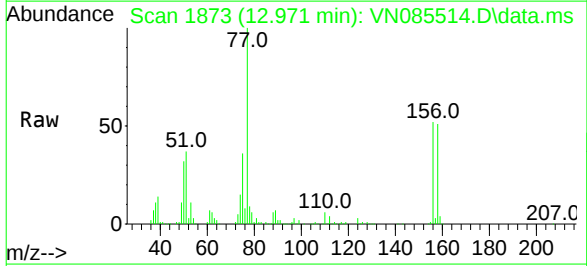
Tgt Ion:	75	Resp:	139109
Ion	Ratio	Lower	Upper
75	100		
77	218.1	109.7	329.2





#77
Bromobenzene
Concen: 50.638 ug/l
RT: 12.971 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

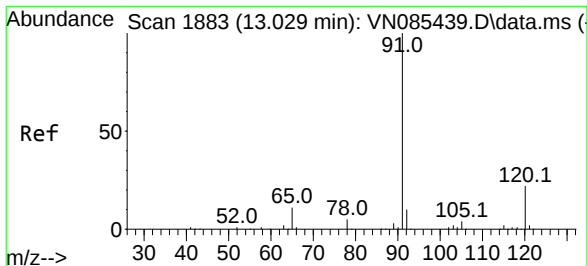
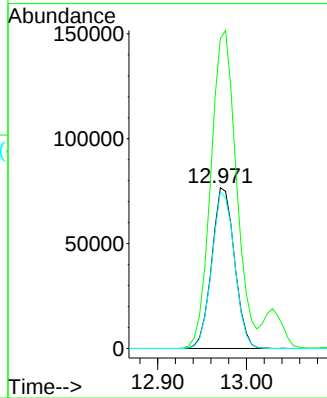
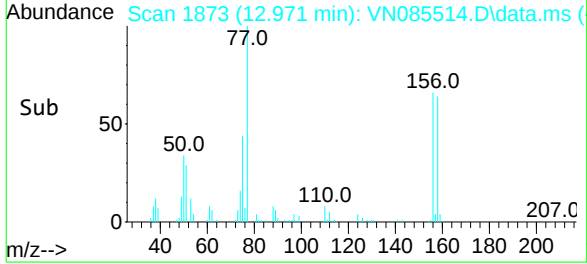
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 136668
Ion Ratio Lower Upper
156 100
77 222.0 114.1 342.4
158 96.9 48.9 146.8

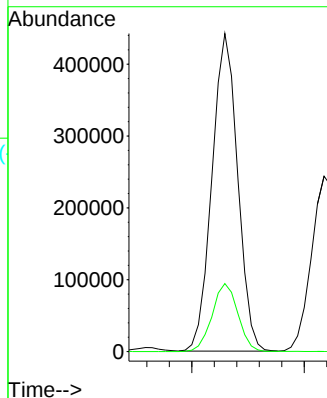
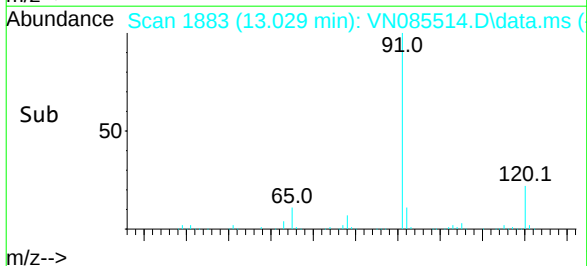
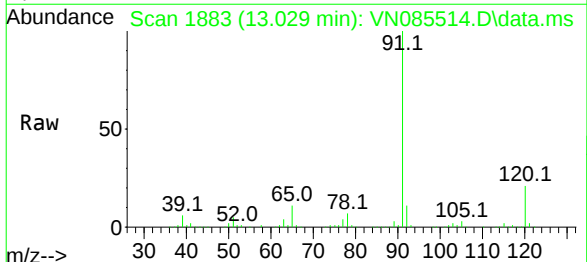
Manual Integrations
APPROVED

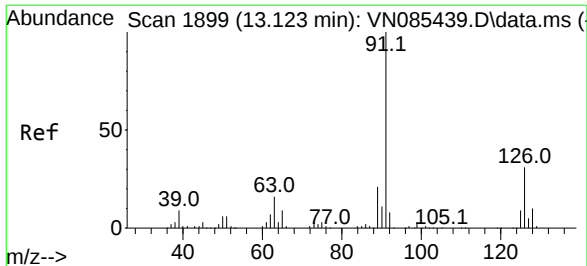
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#78
n-propylbenzene
Concen: 57.343 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion: 91 Resp: 701271
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.6





#79

2-Chlorotoluene

Concen: 52.863 ug/l

RT: 13.118 min Scan# 18

Delta R.T. -0.006 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 418400

Ion Ratio Lower Upper

91 100

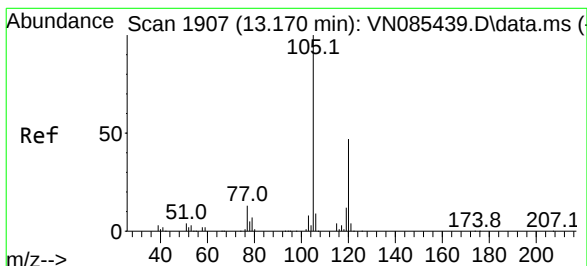
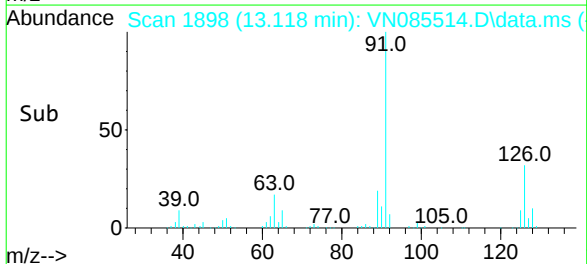
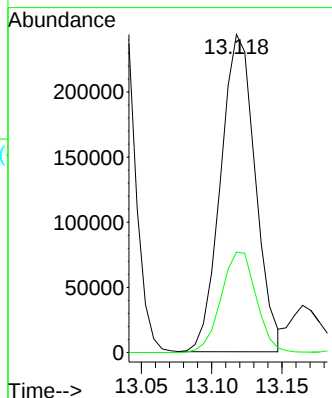
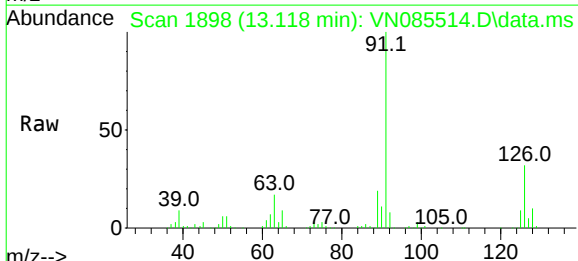
126 32.0 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#80

1,3,5-Trimethylbenzene

Concen: 57.942 ug/l

RT: 13.165 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VN085514.D

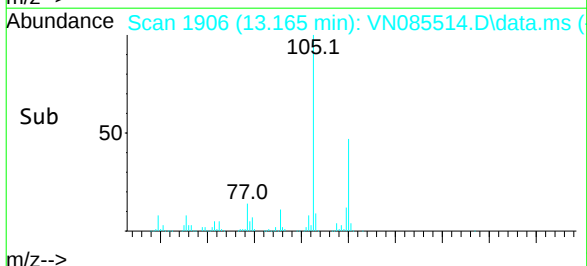
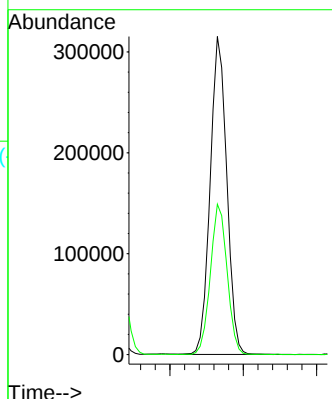
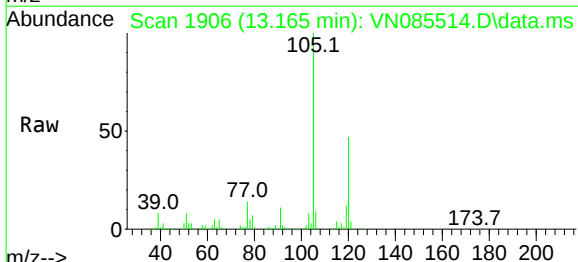
Acq: 21 Jan 2025 16:08

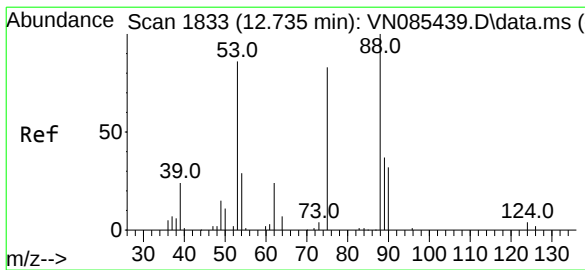
Tgt Ion:105 Resp: 494416

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.7





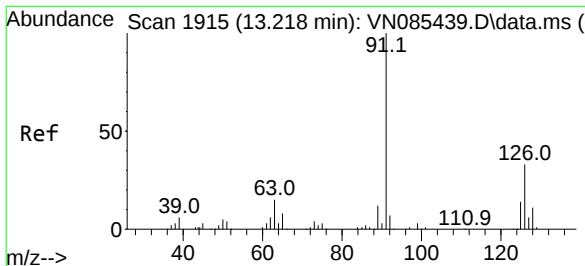
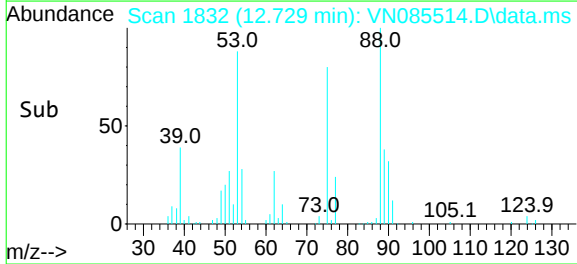
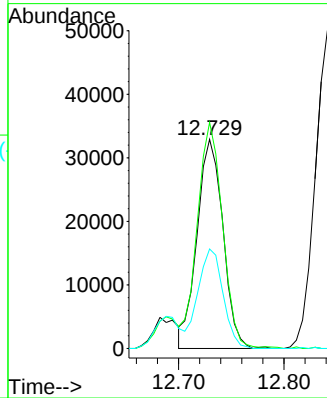
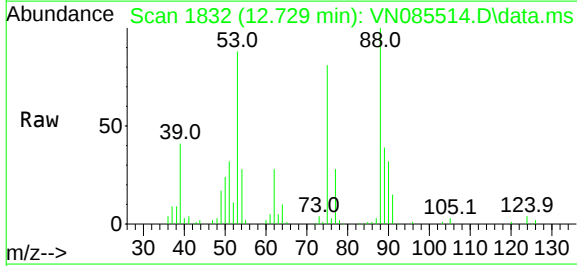
#81
trans-1,4-Dichloro-2-butene
Concen: 48.805 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	75	Resp:	56119
Ion	Ratio	Lower	Upper
75	100		
53	105.8	95.6	143.4
89	45.8	37.0	55.6

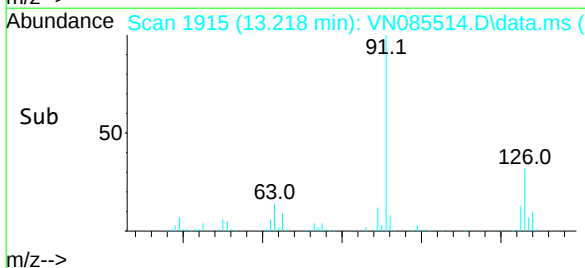
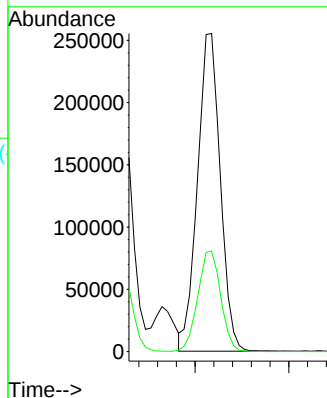
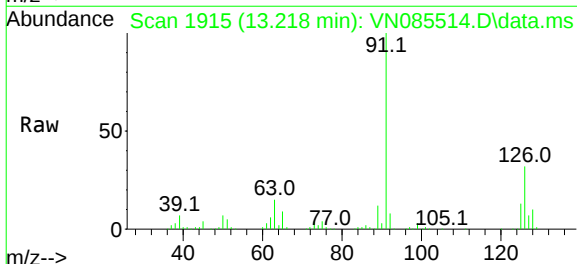
Manual Integrations
APPROVED

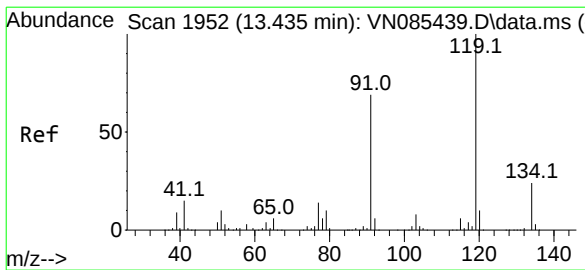
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#82
4-Chlorotoluene
Concen: 54.631 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

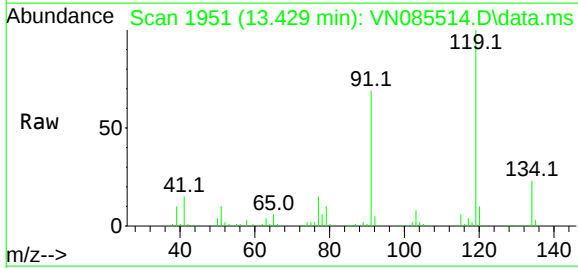
Tgt Ion:	91	Resp:	430527
Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.9	47.7





#83
tert-Butylbenzene
Concen: 58.188 ug/l
RT: 13.429 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

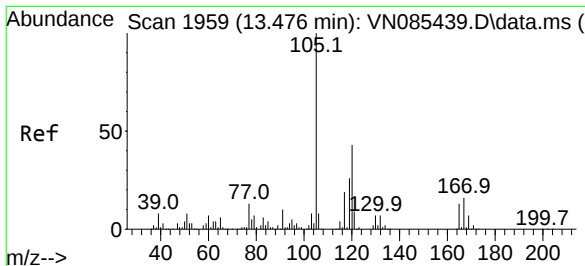
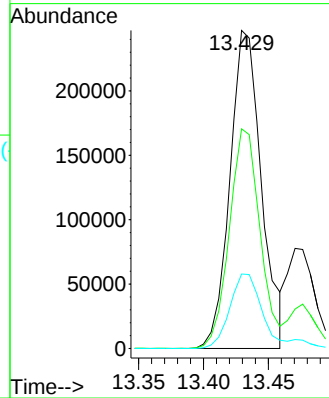
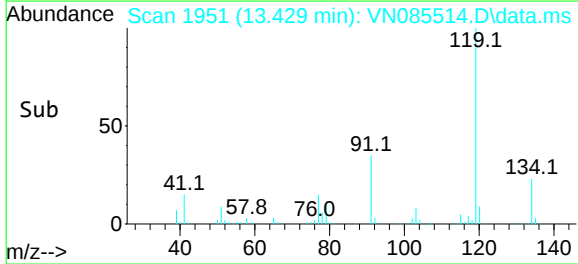
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 416956
Ion Ratio Lower Upper
119 100
91 67.4 35.1 105.3
134 23.7 12.0 36.1

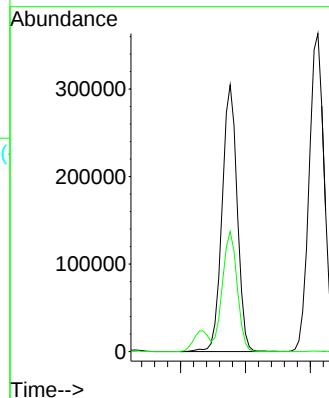
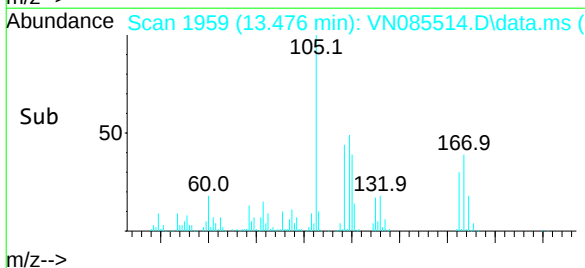
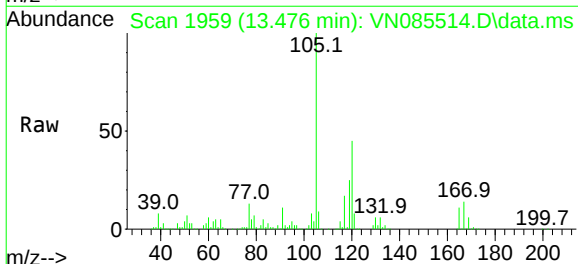
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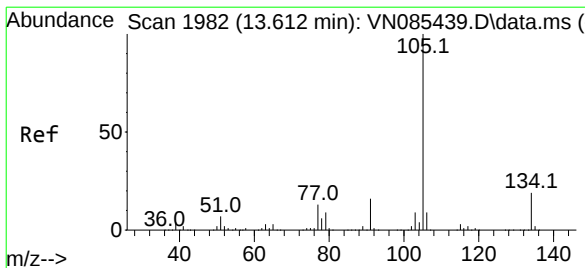
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#84
1,2,4-Trimethylbenzene
Concen: 58.065 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion:105 Resp: 493819
Ion Ratio Lower Upper
105 100
120 43.9 21.6 65.0





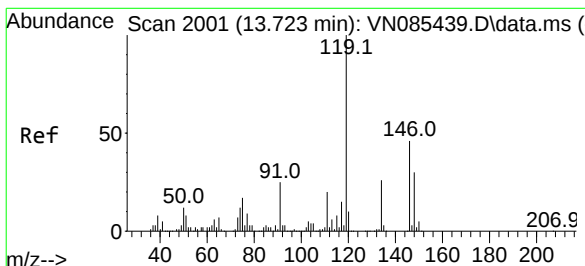
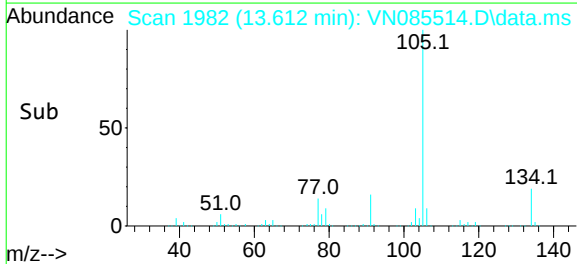
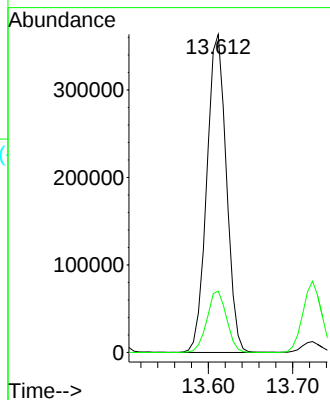
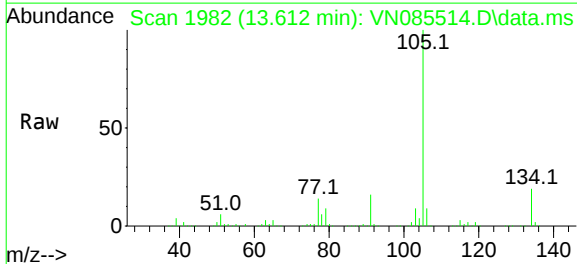
#85
 sec-Butylbenzene
 Concen: 58.997 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085514.D
 Acq: 21 Jan 2025 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 585924
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9

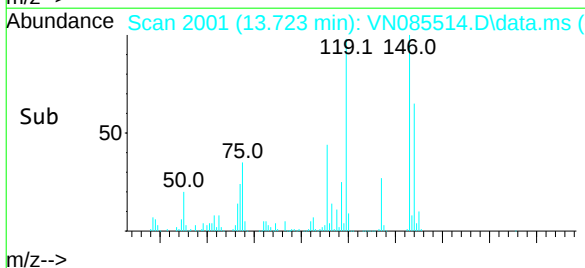
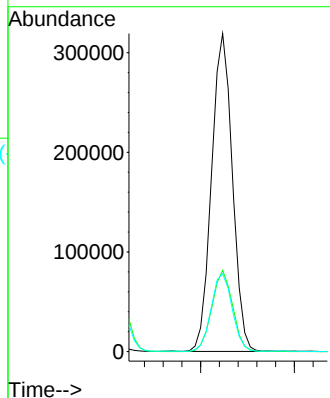
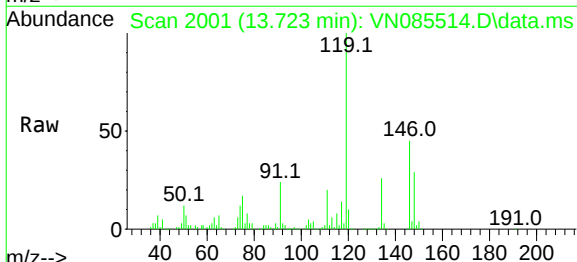
Manual Integrations
 APPROVED

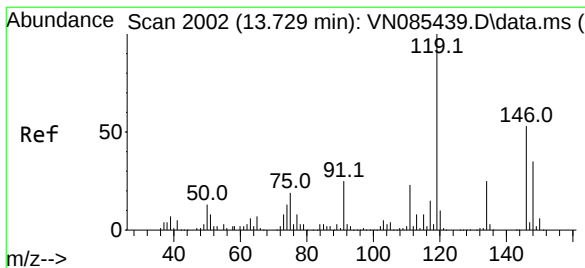
Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025



#86
 p-Isopropyltoluene
 Concen: 54.417 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085514.D
 Acq: 21 Jan 2025 16:08

Tgt Ion:119 Resp: 491959
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.0
 91 24.7 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 51.403 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Instrument :

MSVOA_N

ClientSampleId :

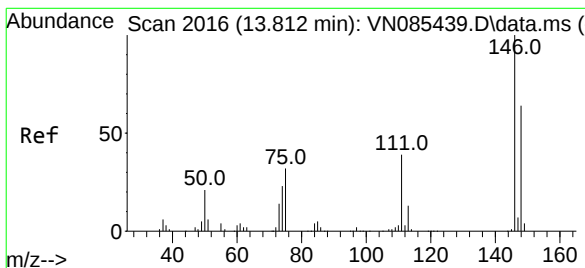
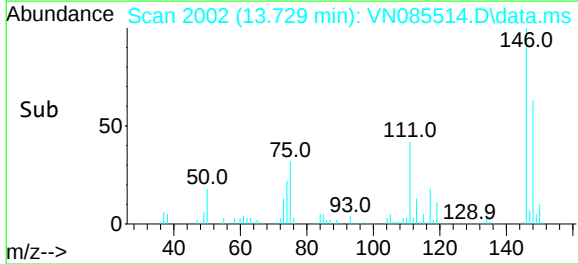
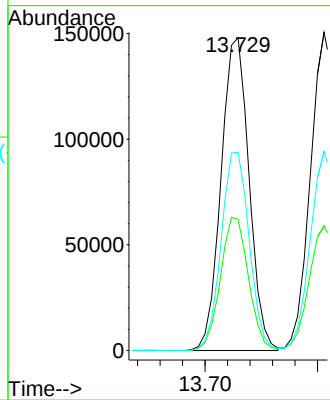
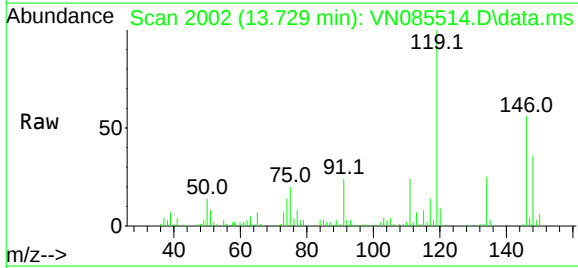
VSTDCCC050EC

Tgt Ion:	146	Resp:	255492
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.4	64.3
148	63.6	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: 49.731 ug/l

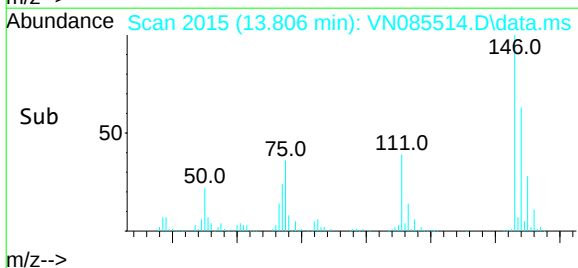
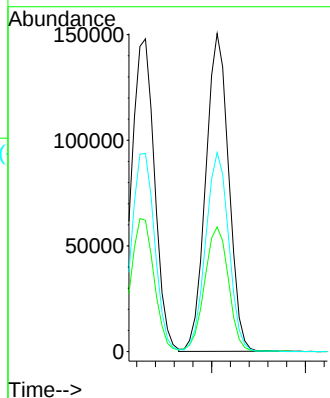
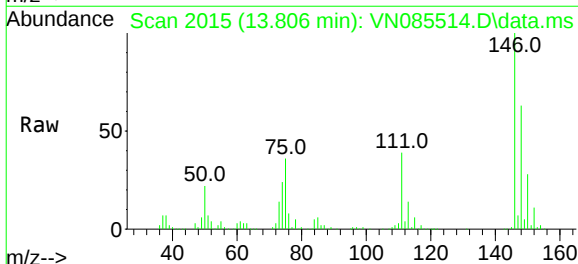
RT: 13.806 min Scan# 2015

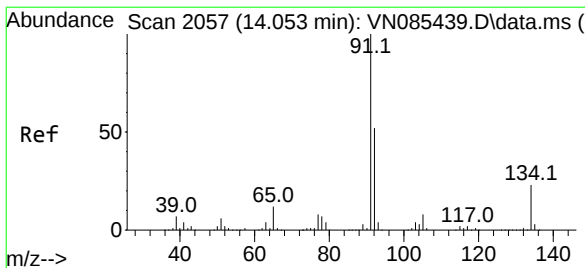
Delta R.T. -0.006 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Tgt Ion:	146	Resp:	256209
Ion Ratio	Lower	Upper	
146	100		
111	41.0	21.3	63.7
148	62.9	32.4	97.0





#89
n-Butylbenzene
Concen: 60.166 ug/l
RT: 14.047 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Instrument :

MSVOA_N

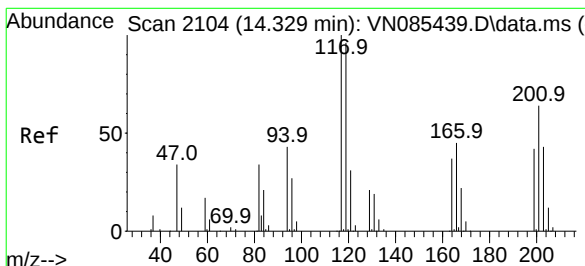
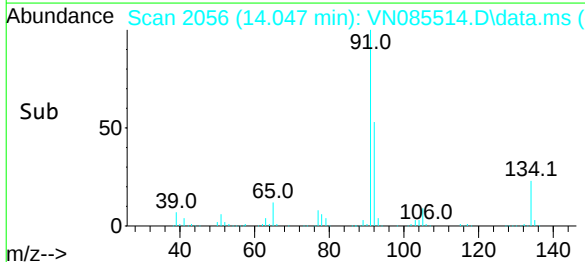
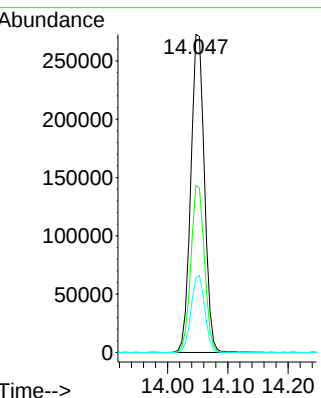
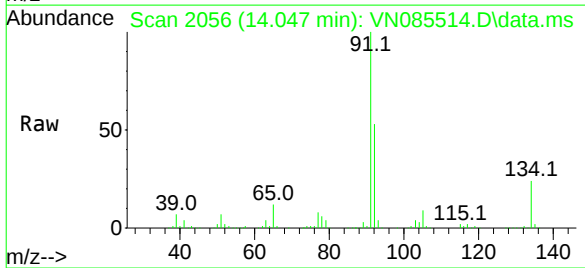
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 428673
Ion Ratio Lower Upper
91 100
92 52.3 25.8 77.3
134 24.4 11.7 35.1

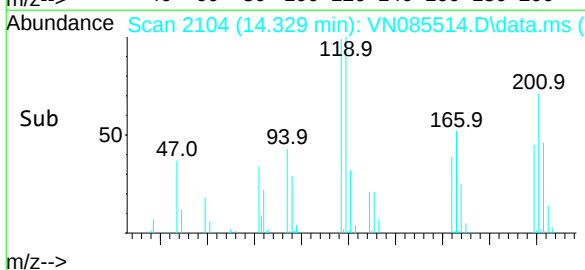
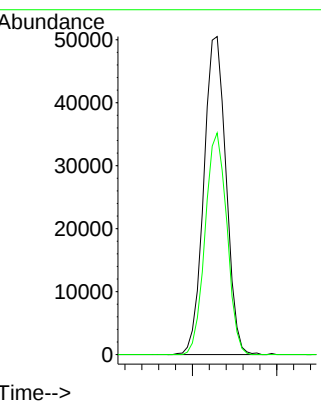
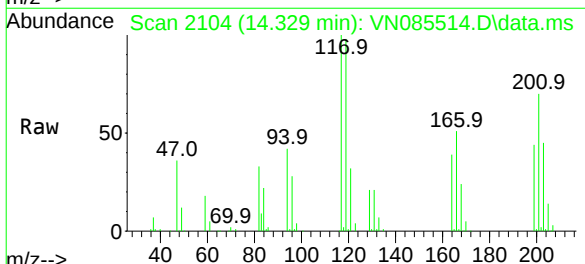
Manual Integrations
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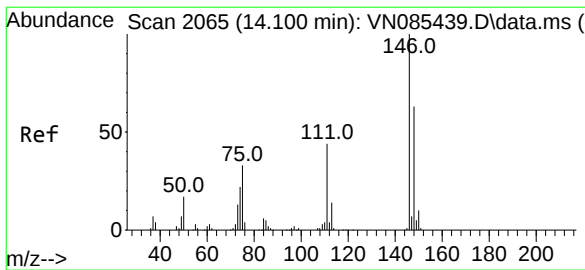
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#90
Hexachloroethane
Concen: 48.899 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

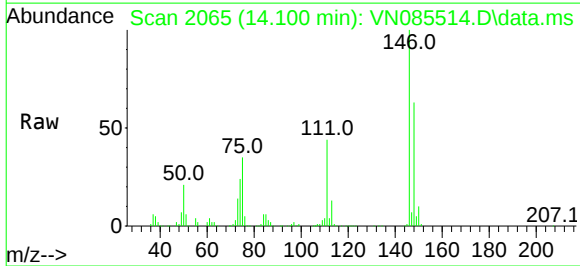
Tgt Ion:117 Resp: 92452
Ion Ratio Lower Upper
117 100
201 68.0 33.7 101.0





#91
1,2-Dichlorobenzene
Concen: 48.648 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

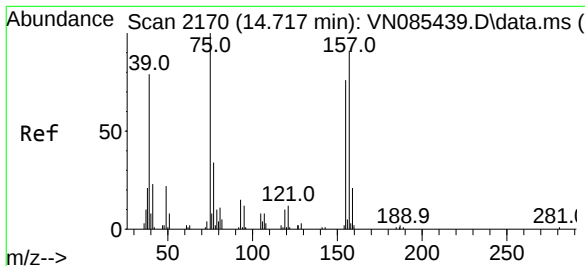
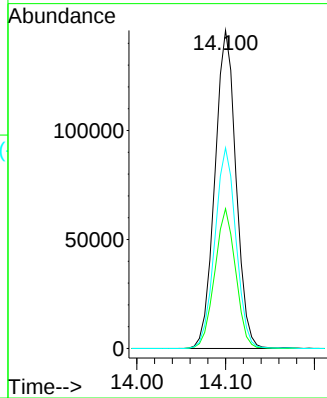
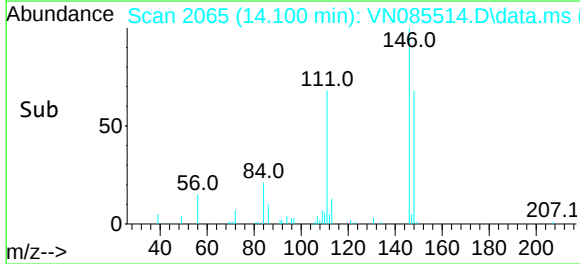
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 241191
Ion Ratio Lower Upper
146 100
111 43.5 21.7 65.1
148 63.3 31.4 94.2

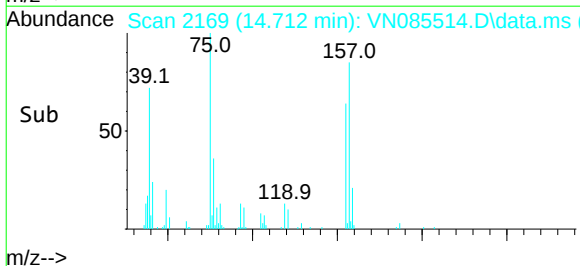
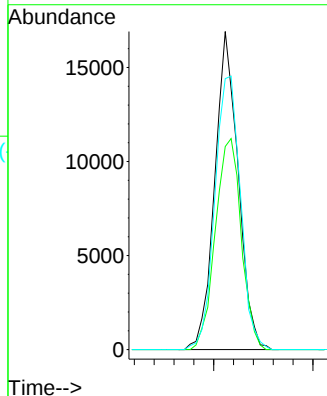
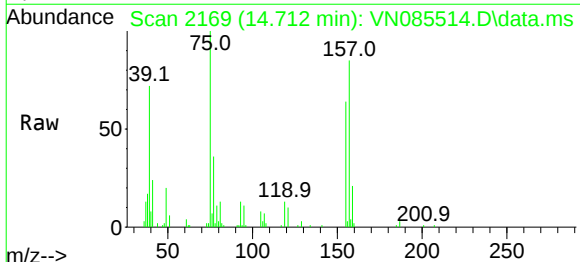
Manual Integrations
APPROVED

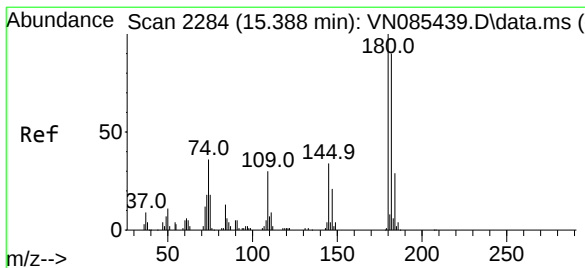
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.574 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN085514.D
Acq: 21 Jan 2025 16:08

Tgt Ion: 75 Resp: 27703
Ion Ratio Lower Upper
75 100
155 73.4 36.4 109.2
157 93.8 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 52.519 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Instrument :

MSVOA_N

ClientSampleId :

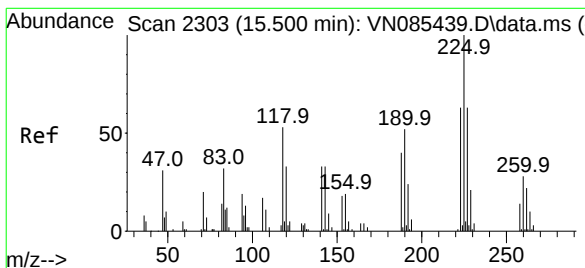
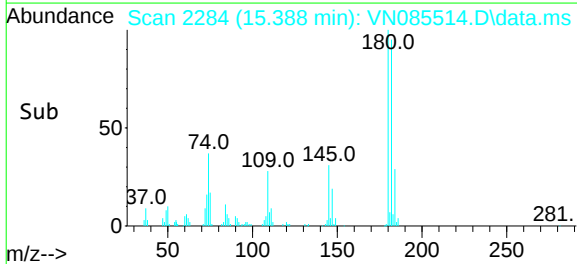
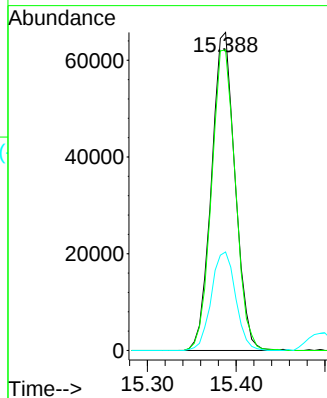
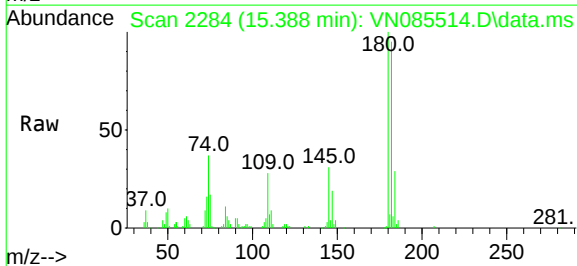
VSTDCCC050EC

Tgt Ion:	180	Resp:	121019
Ion Ratio	Lower	Upper	
180	100		
182	95.9	46.8	140.3
145	32.0	16.0	48.0

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 48.927 ug/l

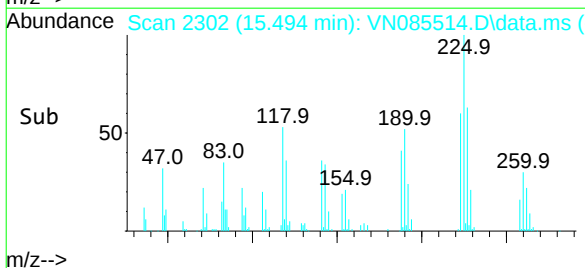
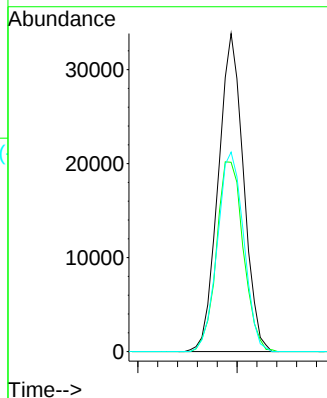
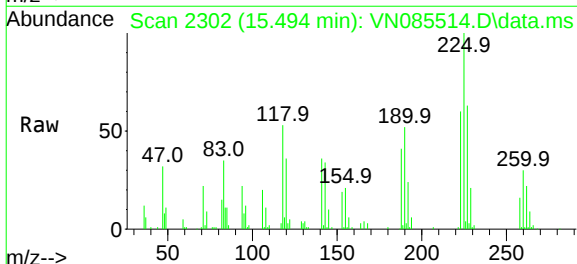
RT: 15.494 min Scan# 2302

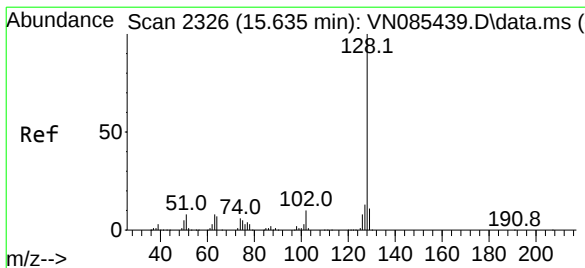
Delta R.T. -0.006 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Tgt Ion:	225	Resp:	59856
Ion Ratio	Lower	Upper	
225	100		
223	63.5	30.7	92.1
227	65.2	30.9	92.5





#95

Naphthalene

Concen: 47.038 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Instrument :

MSVOA_N

ClientSampleId :

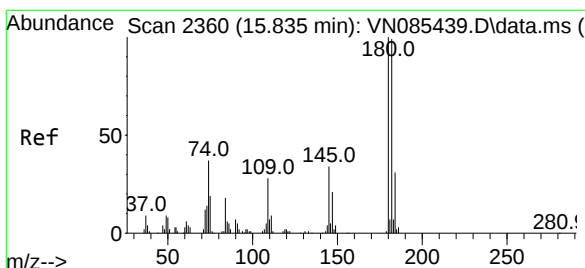
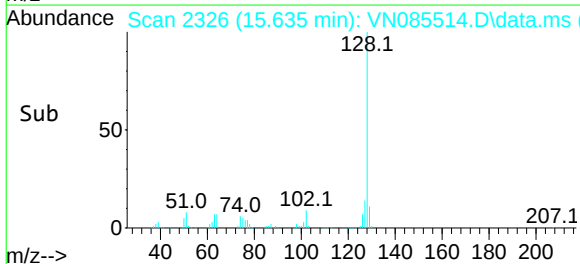
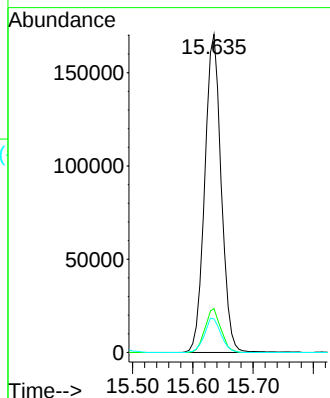
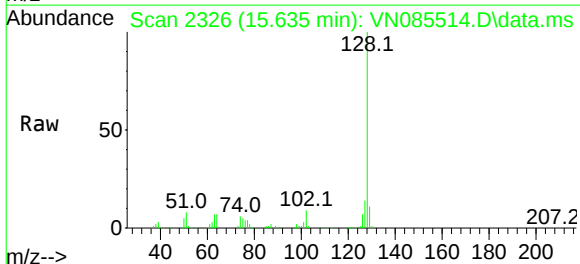
VSTDCCC050EC

Tgt Ion:	128	Resp:	323440
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	10.9	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: 48.752 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085514.D

Acq: 21 Jan 2025 16:08

Tgt Ion:	180	Resp:	113668
Ion Ratio	Lower	Upper	
180	100		
182	97.0	47.4	142.2
145	34.6	16.9	50.7

