

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085451.D
 Acq On : 15 Jan 2025 11:02
 Operator : JC\MD
 Sample : VN0115WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 00:54:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	188898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	323122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136502	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	149231	48.941	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.880%
35) Dibromofluoromethane	8.159	113	110423	49.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.520%
50) Toluene-d8	10.565	98	399040	50.102	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.200%
62) 4-Bromofluorobenzene	12.847	95	137216	50.364	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50526	19.755	ug/l	95
3) Chloromethane	2.359	50	53907	19.467	ug/l	98
4) Vinyl Chloride	2.512	62	53251	19.131	ug/l	98
5) Bromomethane	2.965	94	32421	19.283	ug/l	95
6) Chloroethane	3.124	64	32723	18.543	ug/l	98
7) Trichlorofluoromethane	3.506	101	79391	19.658	ug/l	98
8) Diethyl Ether	3.965	74	26011	18.643	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	44531	19.576	ug/l	99
10) Methyl Iodide	4.594	142	52886	20.302	ug/l	95
11) Tert butyl alcohol	5.500	59	33491	95.920	ug/l	100
12) 1,1-Dichloroethene	4.341	96	39080	19.277	ug/l	98
13) Acrolein	4.171	56	55291	116.005	ug/l	99
14) Allyl chloride	5.030	41	63692	19.361	ug/l	99
15) Acrylonitrile	5.712	53	108425	97.766	ug/l	99
16) Acetone	4.418	43	93485	94.887	ug/l	98
17) Carbon Disulfide	4.718	76	112944	18.094	ug/l	99
18) Methyl Acetate	5.012	43	58686	19.589	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	138775	21.081	ug/l	98
20) Methylene Chloride	5.271	84	49058	20.114	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	43073	19.880	ug/l	93
22) Diisopropyl ether	6.665	45	156331	21.410	ug/l	97
23) Vinyl Acetate	6.600	43	528099m	103.348	ug/l	
24) 1,1-Dichloroethane	6.565	63	88831	19.952	ug/l	99
25) 2-Butanone	7.477	43	141498	97.595	ug/l	93
26) 2,2-Dichloropropane	7.488	77	78212	21.728	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	50200	19.672	ug/l	95
28) Bromochloromethane	7.806	49	38238	18.460	ug/l	100
29) Tetrahydrofuran	7.835	42	93959	102.217	ug/l	99
30) Chloroform	7.965	83	92715	20.149	ug/l	98
31) Cyclohexane	8.247	56	72255	18.672	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	80190	19.867	ug/l	98
36) 1,1-Dichloropropene	8.371	75	61822	19.650	ug/l	98
37) Ethyl Acetate	7.553	43	59684	18.795	ug/l	97
38) Carbon Tetrachloride	8.359	117	71714	19.911	ug/l	97
39) Methylcyclohexane	9.600	83	59161	20.011	ug/l	93
40) Benzene	8.600	78	189640	20.061	ug/l	99

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 Supervised By :Semsettin Yesilyurt 01/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	31866	19.288	ug/l	99
42) 1,2-Dichloroethane	8.665	62	73669	20.692	ug/l	98
43) Isopropyl Acetate	8.682	43	100283	19.708	ug/l	99
44) Trichloroethene	9.347	130	44329	20.145	ug/l	97
45) 1,2-Dichloropropane	9.618	63	48696	20.167	ug/l	99
46) Dibromomethane	9.706	93	34080	19.561	ug/l	97
47) Bromodichloromethane	9.882	83	74218	20.909	ug/l	99
48) Methyl methacrylate	9.676	41	46655	20.374	ug/l	99
49) 1,4-Dioxane	9.688	88	14983	388.550	ug/l #	76
51) 4-Methyl-2-Pentanone	10.441	43	300611	101.808	ug/l	100
52) Toluene	10.623	92	117631	21.476	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	68014	20.276	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	75146	20.973	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	45220	20.861	ug/l	98
56) Ethyl methacrylate	10.870	69	63954	18.769	ug/l	98
57) 1,3-Dichloropropane	11.159	76	76979	20.424	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	148262	107.782	ug/l	97
59) 2-Hexanone	11.188	43	211689	101.890	ug/l	99
60) Dibromochloromethane	11.353	129	52957	20.236	ug/l	100
61) 1,2-Dibromoethane	11.465	107	42146	19.533	ug/l	100
64) Tetrachloroethene	11.100	164	40480	20.740	ug/l	97
65) Chlorobenzene	11.888	112	122590	19.546	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	44850	19.484	ug/l	100
67) Ethyl Benzene	11.959	91	208196	20.381	ug/l	100
68) m/p-Xylenes	12.070	106	160511	42.515	ug/l	98
69) o-Xylene	12.394	106	75509	20.928	ug/l	99
70) Styrene	12.406	104	124126	20.788	ug/l	100
71) Bromoform	12.576	173	34000	20.643	ug/l #	99
73) Isopropylbenzene	12.694	105	189617	20.582	ug/l	99
74) N-amyl acetate	12.488	43	81241	19.619	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	61871	19.012	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	56609m	20.404	ug/l	
77) Bromobenzene	12.976	156	48489	20.145	ug/l	98
78) n-propylbenzene	13.035	91	228827	20.981	ug/l	100
79) 2-Chlorotoluene	13.123	91	143092	20.272	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	163195	21.445	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	20113m	19.614	ug/l	
82) 4-Chlorotoluene	13.217	91	144513	20.562	ug/l	99
83) tert-Butylbenzene	13.435	119	131013	20.501	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	164079	21.634	ug/l	100
85) sec-Butylbenzene	13.611	105	189519	21.398	ug/l	99
86) p-Isopropyltoluene	13.723	119	153867	20.798	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	89126	20.107	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	87559	19.057	ug/l	99
89) n-Butylbenzene	14.053	91	128246	20.183	ug/l	100
90) Hexachloroethane	14.329	117	31733	18.820	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	83864	18.967	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10944	18.416	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	39555	19.248	ug/l	98
94) Hexachlorobutadiene	15.500	225	20590	18.872	ug/l	98
95) Naphthalene	15.635	128	106293	17.334	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	39966	19.221	ug/l	99

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ClientSampleId :
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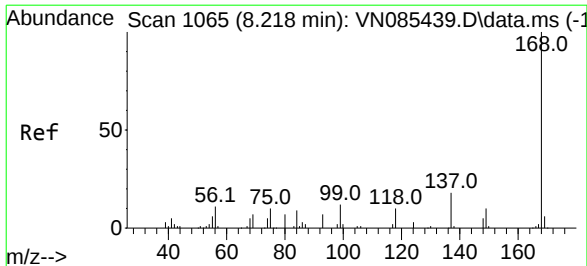
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
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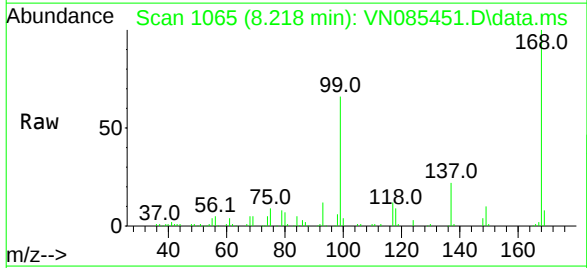
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085451.D
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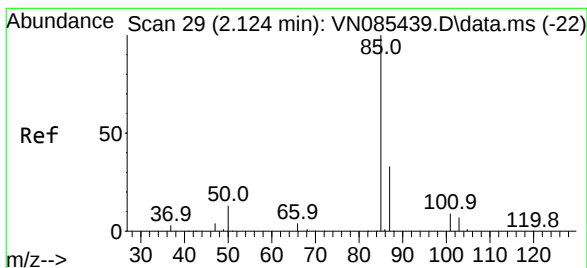
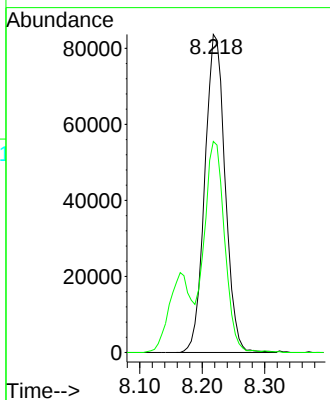
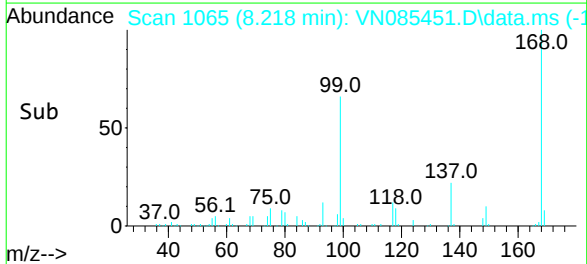
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01



Tgt Ion:168 Resp: 188898
Ion Ratio Lower Upper
168 100
99 66.1 53.6 80.4

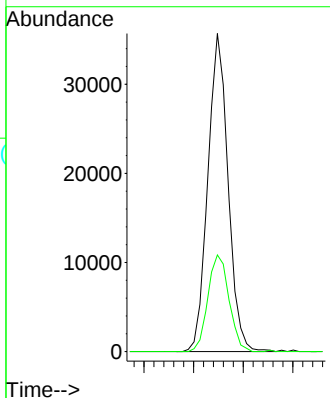
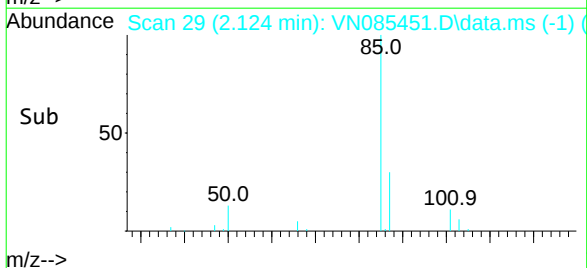
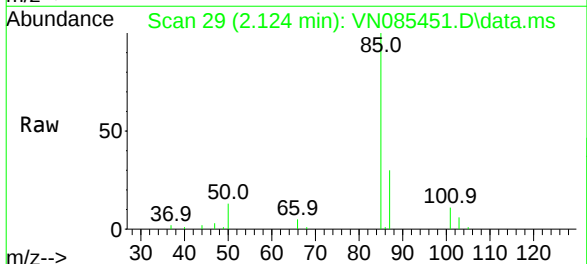
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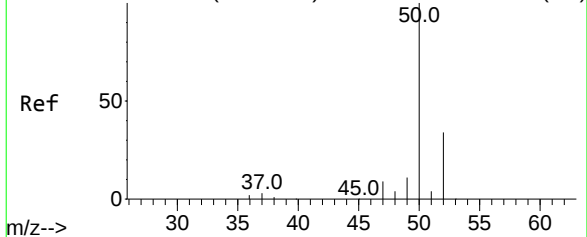


#2
Dichlorodifluoromethane
Concen: 19.755 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion: 85 Resp: 50526
Ion Ratio Lower Upper
85 100
87 30.4 16.7 50.1



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



#3

Chloromethane

Concen: 19.467 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

Tgt Ion: 50 Resp: 53907

Ion Ratio Lower Upper

50 100

52 32.6 27.0 40.6

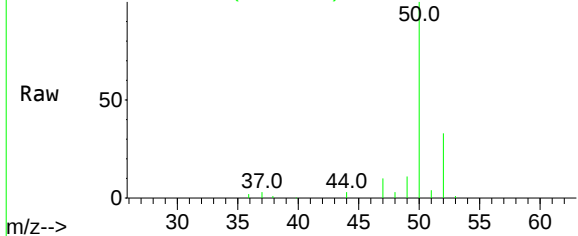
Manual Integrations

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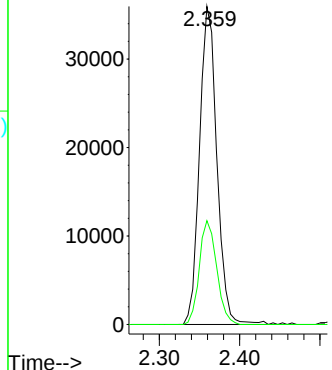
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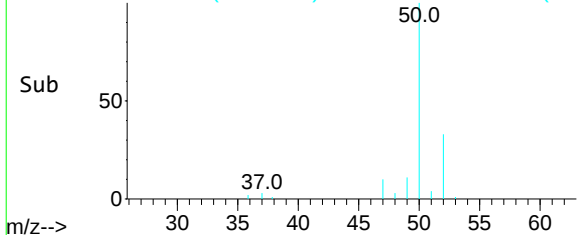
Abundance Scan 69 (2.359 min): VN085451.D\data.ms



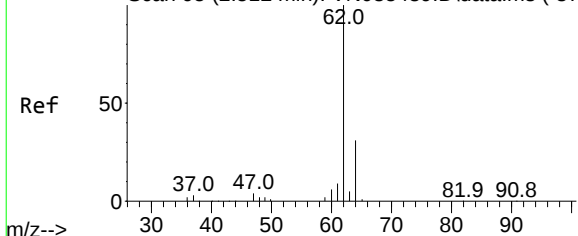
Abundance



Abundance Scan 69 (2.359 min): VN085451.D\data.ms (-18)



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



#4

Vinyl Chloride

Concen: 19.131 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

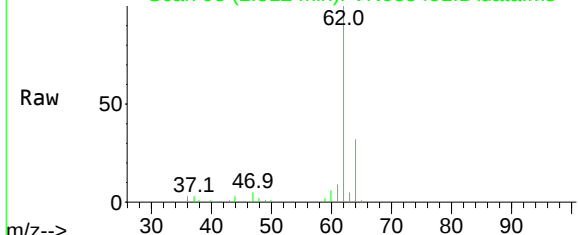
Tgt Ion: 62 Resp: 53251

Ion Ratio Lower Upper

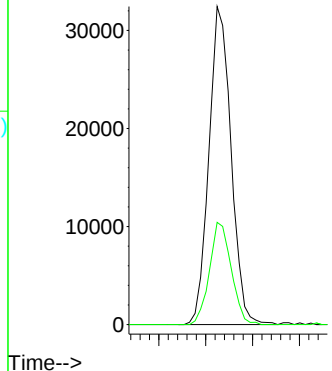
62 100

64 32.1 24.8 37.2

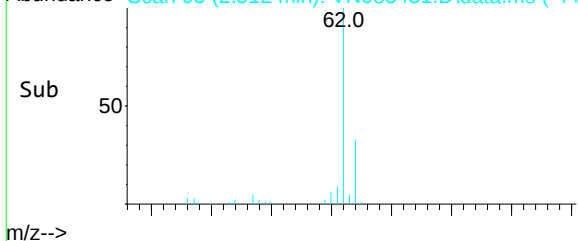
Abundance Scan 95 (2.512 min): VN085451.D\data.ms

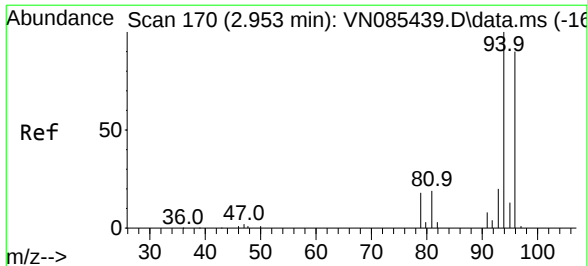


Abundance



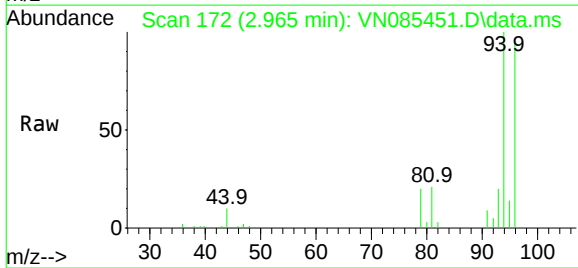
Abundance Scan 95 (2.512 min): VN085451.D\data.ms (-44)





#5
Bromomethane
Concen: 19.283 ug/l
RT: 2.965 min Scan# 170
Delta R.T. 0.012 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

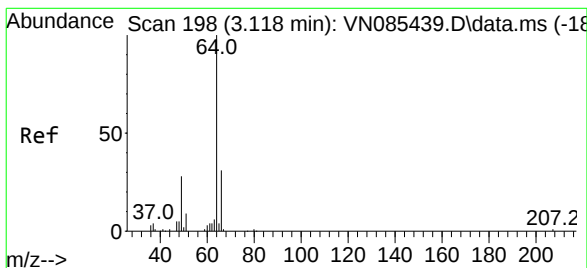
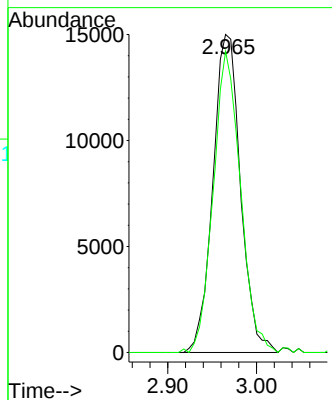
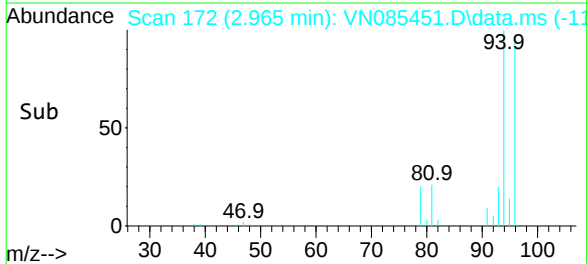
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Tgt Ion: 94 Resp: 32421
Ion Ratio Lower Upper
94 100
96 94.7 71.8 107.6

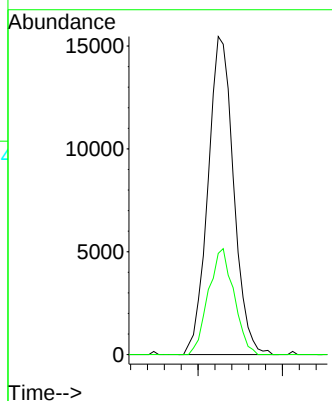
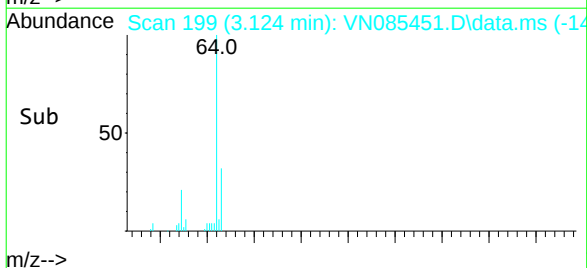
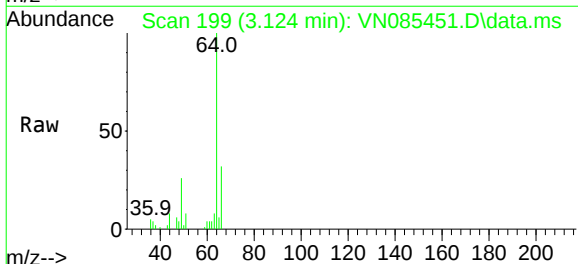
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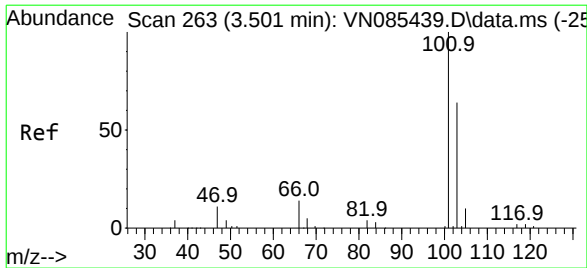
Reviewed By :Mahesh Dadoda 01/16/2025
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#6
Chloroethane
Concen: 18.543 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

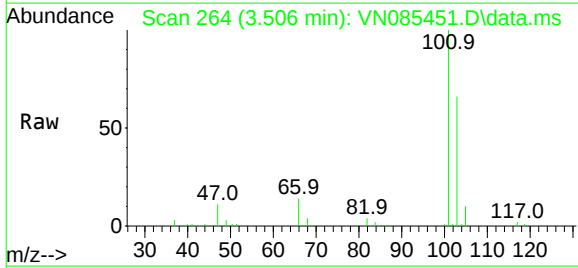
Tgt Ion: 64 Resp: 32723
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8





#7
Trichlorofluoromethane
Concen: 19.658 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

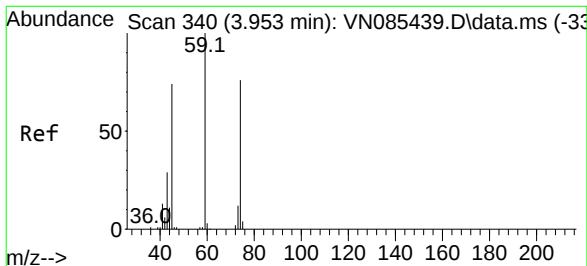
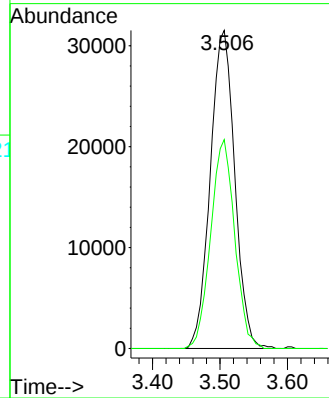
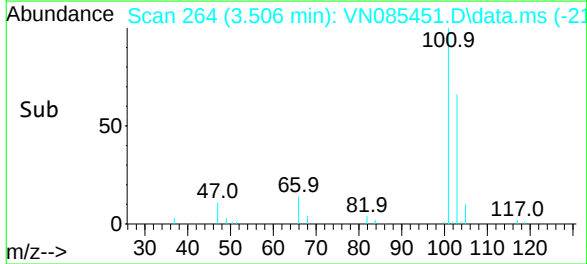
Instrument :
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Tgt Ion: 101 Resp: 79391
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.2

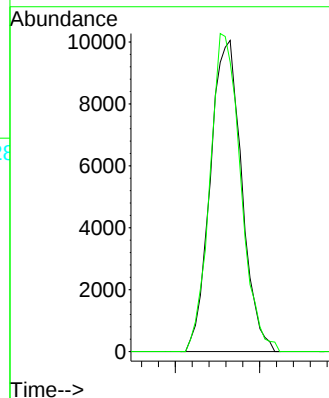
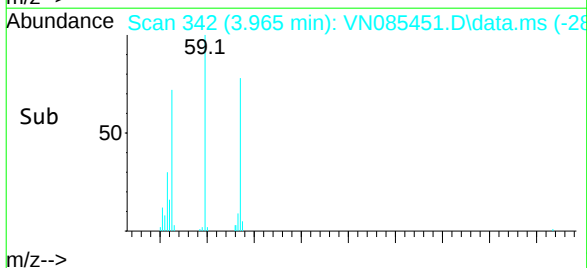
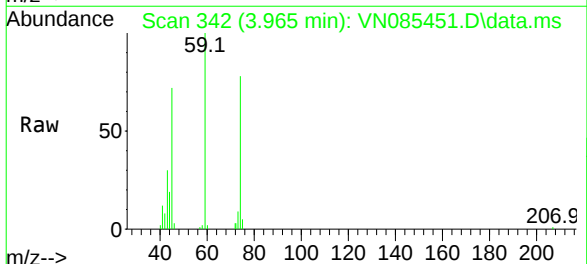
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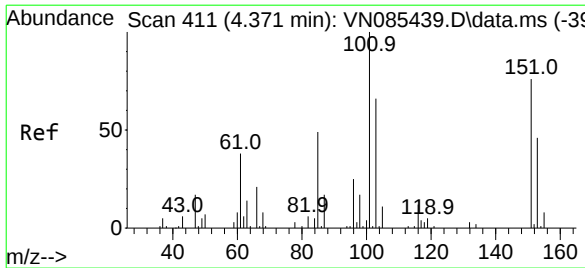
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#8
Diethyl Ether
Concen: 18.643 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion: 74 Resp: 26011
Ion Ratio Lower Upper
74 100
45 100.1 49.7 149.1





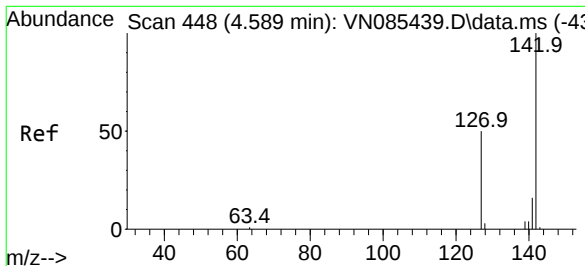
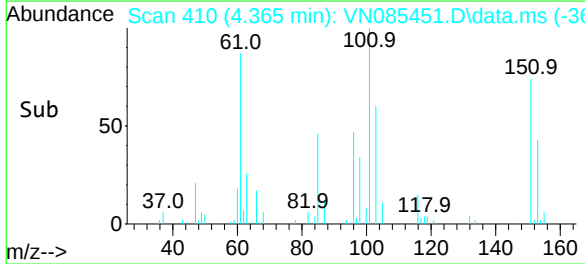
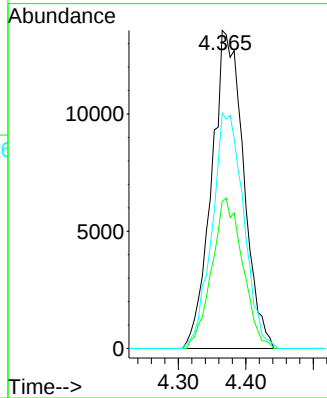
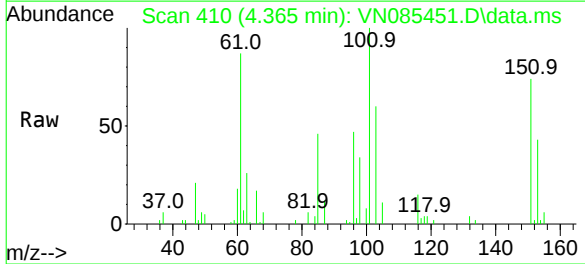
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.576 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion:101 Resp: 44531
Ion Ratio Lower Upper
101 100
85 45.8 37.8 56.8
151 73.3 58.8 88.2

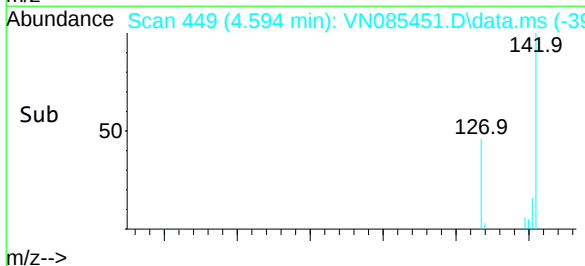
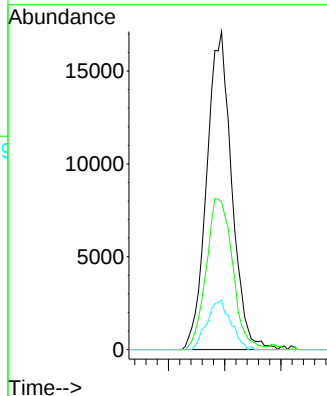
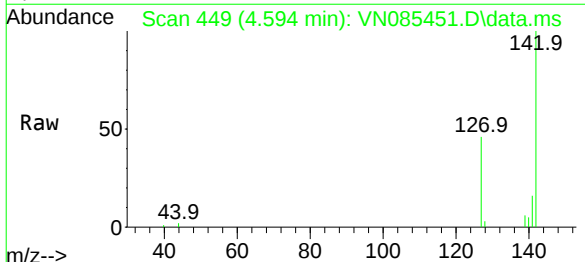
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#10
Methyl Iodide
Concen: 20.302 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion:142 Resp: 52886
Ion Ratio Lower Upper
142 100
127 46.4 40.3 60.5
141 15.6 12.8 19.2





#11

Tert butyl alcohol

Concen: 95.920 ug/l

RT: 5.500 min Scan# 605

Delta R.T. -0.012 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

Tgt Ion: 59 Resp: 33491

Ion Ratio Lower Upper

59 100

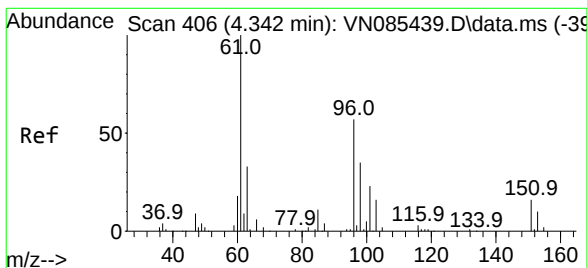
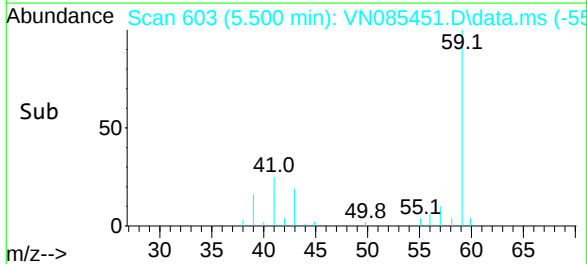
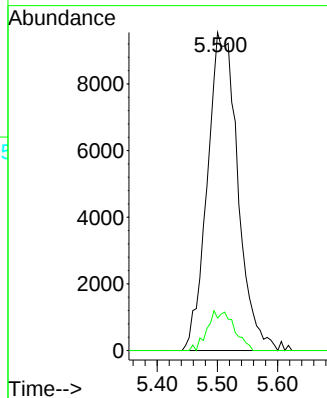
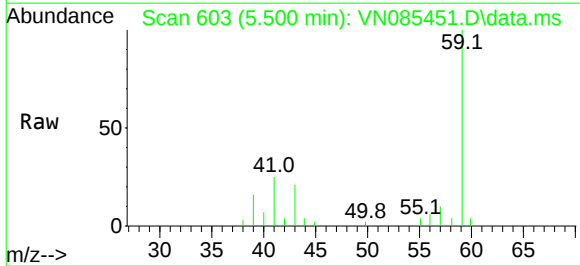
57 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#12

1,1-Dichloroethene

Concen: 19.277 ug/l

RT: 4.341 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

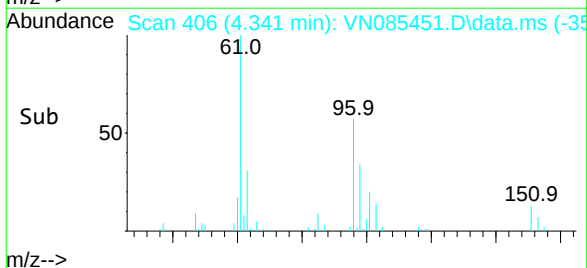
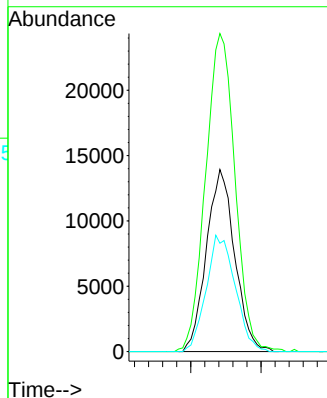
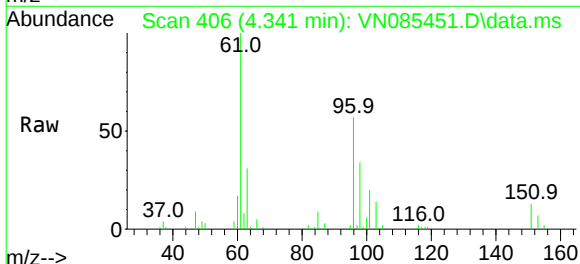
Tgt Ion: 96 Resp: 39080

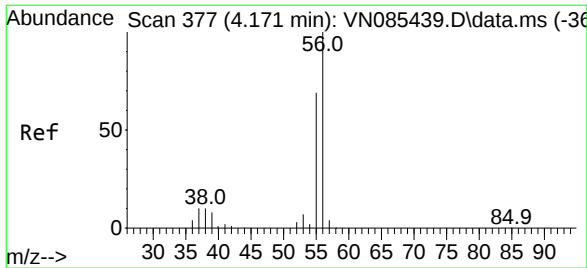
Ion Ratio Lower Upper

96 100

61 173.3 141.0 211.4

98 59.5 49.0 73.6





#13

Acrolein

Concen: 116.005 ug/l

RT: 4.171 min Scan# 377

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Instrument :

MSVOA_N

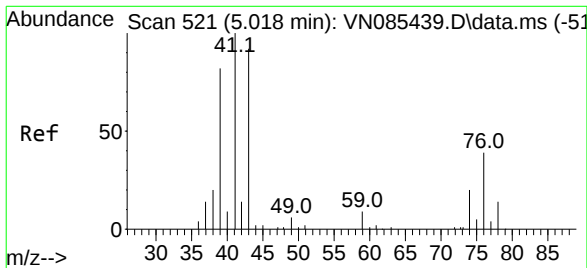
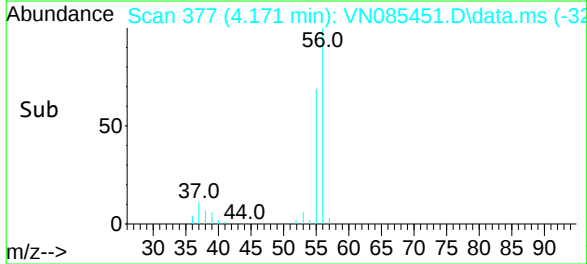
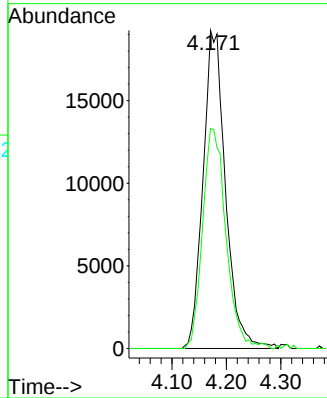
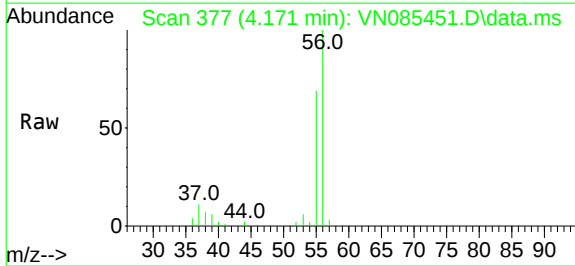
ClientSampleId :

VN0115WBSD01

Tgt Ion:	56	Resp:	55291
Ion	Ratio	Lower	Upper
56	100		
55	71.3	56.3	84.5

Manual Integrations
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Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#14

Allyl chloride

Concen: 19.361 ug/l

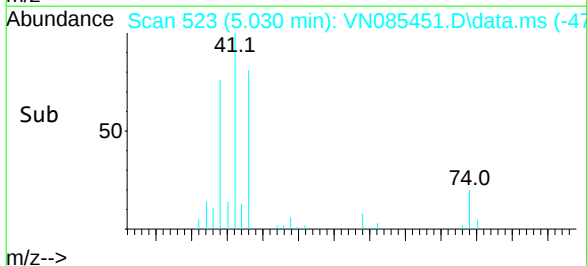
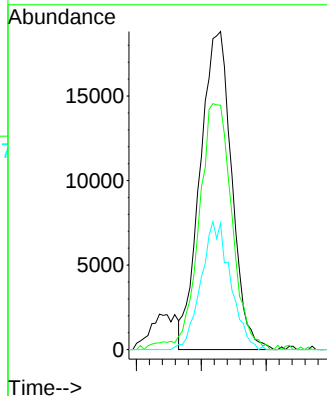
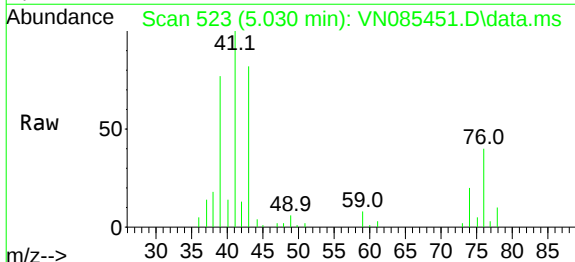
RT: 5.030 min Scan# 523

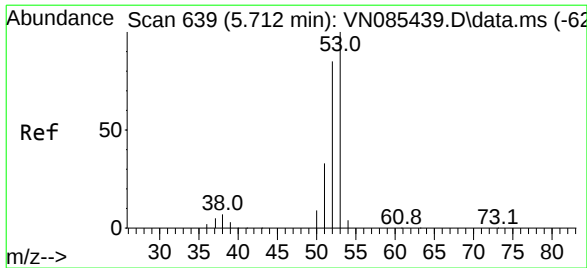
Delta R.T. 0.012 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

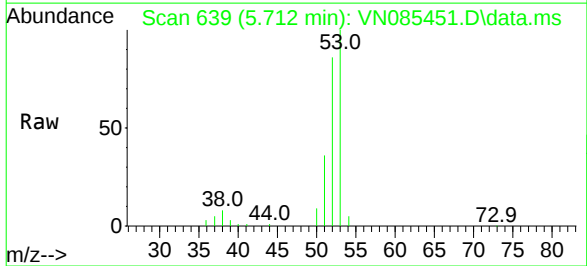
Tgt Ion:	41	Resp:	63692
Ion	Ratio	Lower	Upper
41	100		
39	80.8	64.4	96.6
76	37.4	30.5	45.7





#15
Acrylonitrile
Concen: 97.766 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

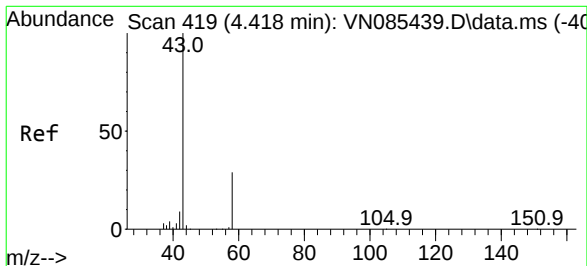
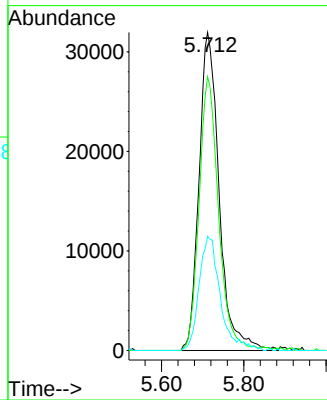
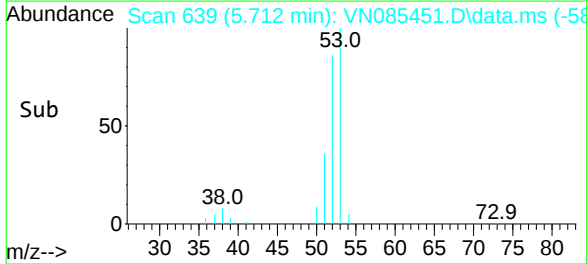
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01



Tgt Ion: 53 Resp: 108425
Ion Ratio Lower Upper
53 100
52 83.1 65.5 98.3
51 37.9 29.8 44.8

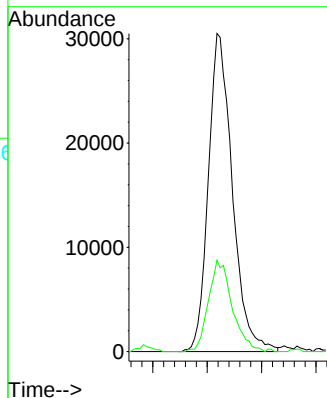
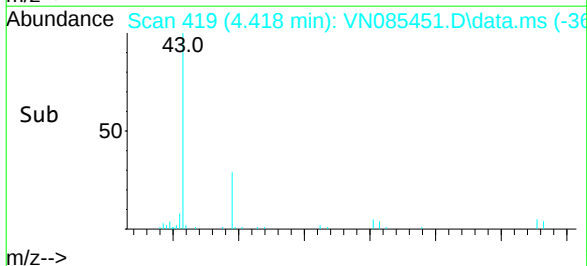
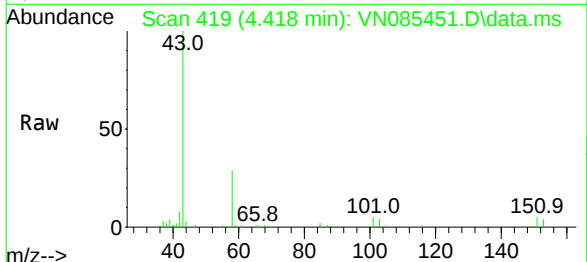
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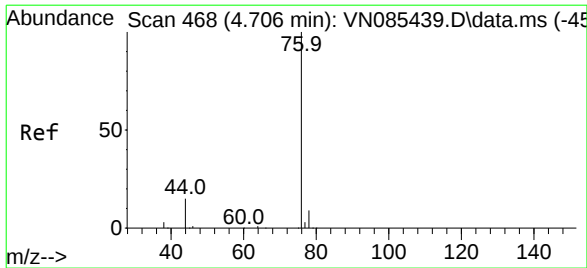
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#16
Acetone
Concen: 94.887 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

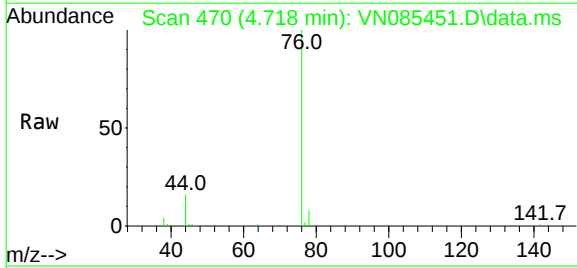
Tgt Ion: 43 Resp: 93485
Ion Ratio Lower Upper
43 100
58 28.7 23.8 35.6





#17
Carbon Disulfide
Concen: 18.094 ug/l
RT: 4.718 min Scan# 47
Delta R.T. 0.012 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

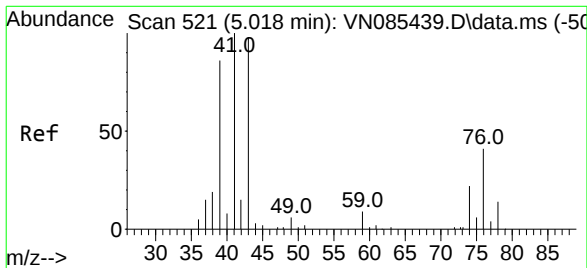
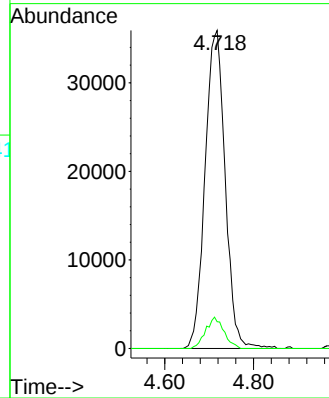
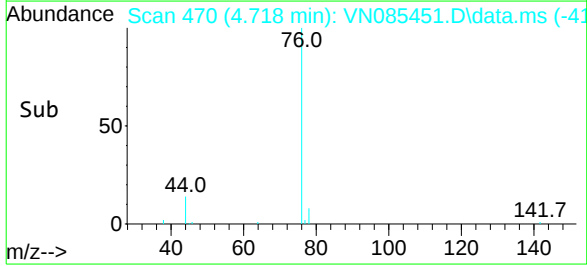
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01



Tgt Ion: 76 Resp: 112944
Ion Ratio Lower Upper
76 100
78 8.4 6.9 10.3

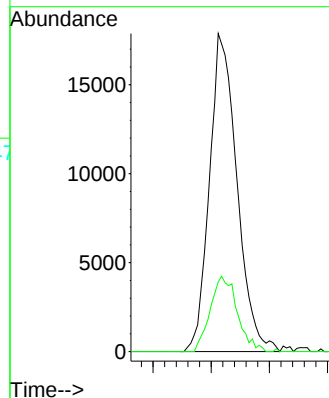
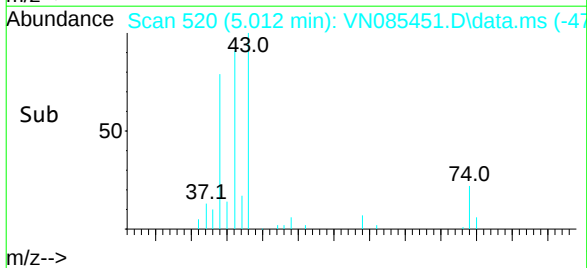
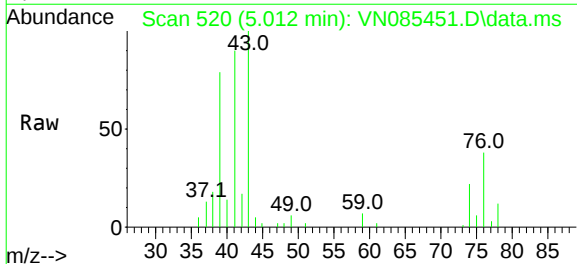
Manual Integrations
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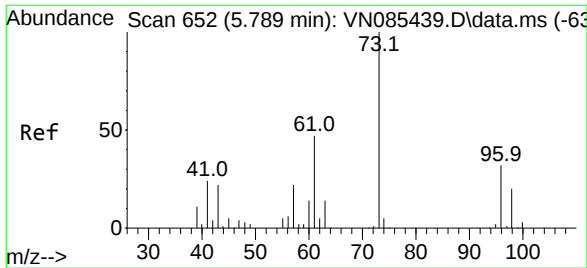
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#18
Methyl Acetate
Concen: 19.589 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion: 43 Resp: 58686
Ion Ratio Lower Upper
43 100
74 23.2 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 21.081 ug/l

RT: 5.788 min Scan# 65

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

Tgt Ion: 73 Resp: 138775

Ion Ratio Lower Upper

73 100

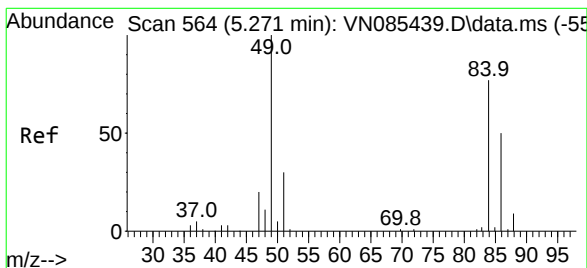
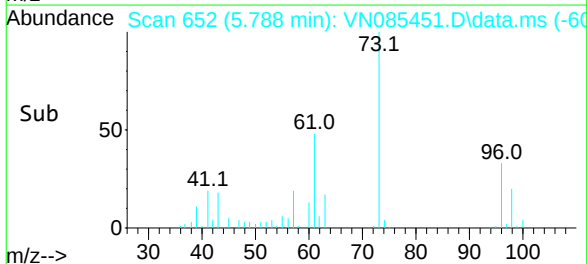
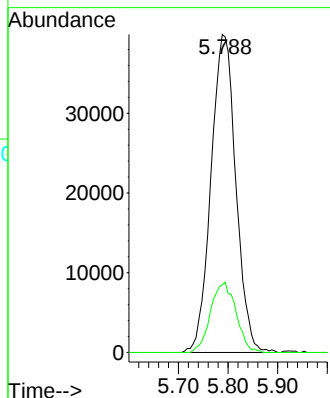
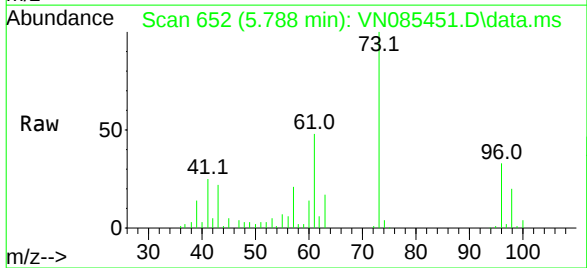
57 21.3 17.8 26.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/16/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#20

Methylene Chloride

Concen: 20.114 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Tgt Ion: 84 Resp: 49058

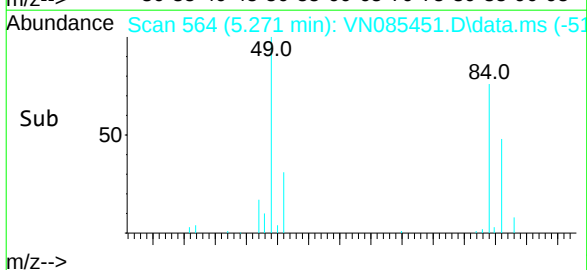
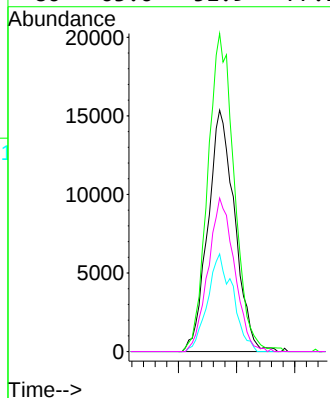
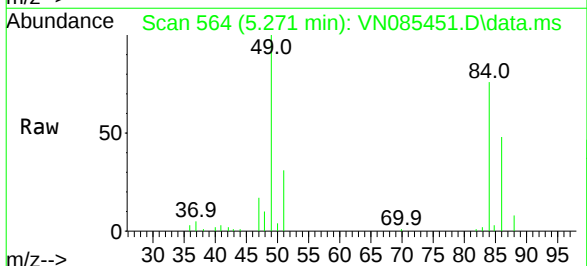
Ion Ratio Lower Upper

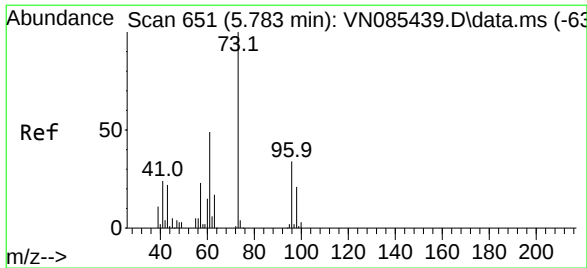
84 100

49 131.8 104.1 156.1

51 40.5 31.0 46.4

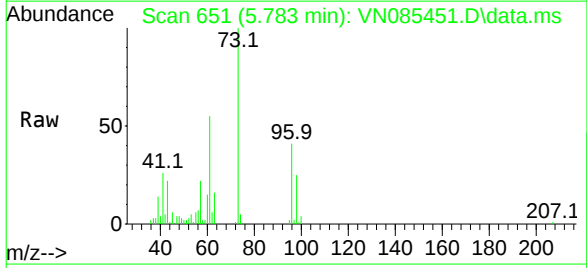
86 63.6 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 19.880 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

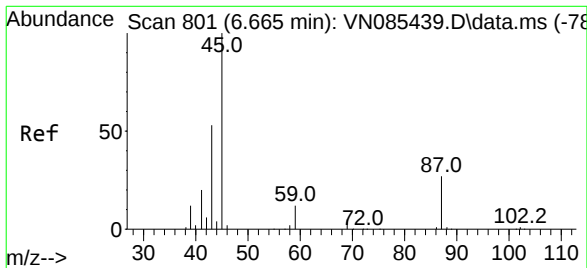
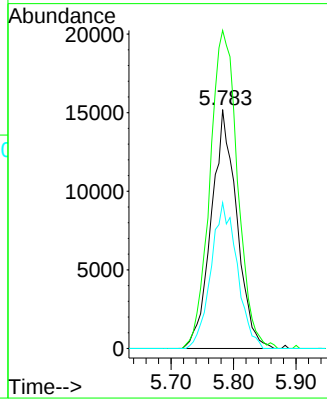
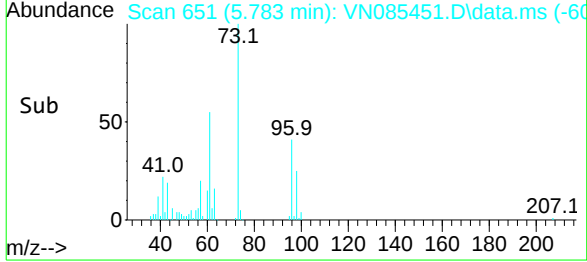
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01



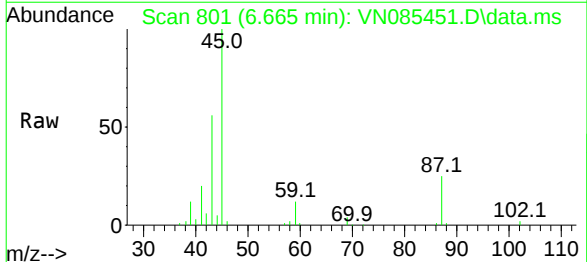
Tgt Ion: 96 Resp: 43073
Ion Ratio Lower Upper
96 100
61 133.1 115.7 173.5
98 61.0 49.8 74.8

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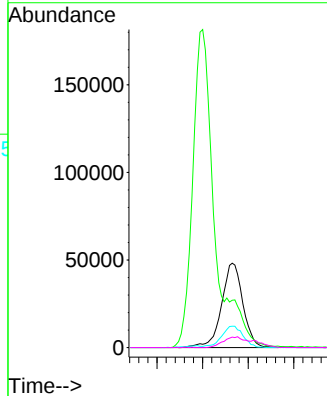
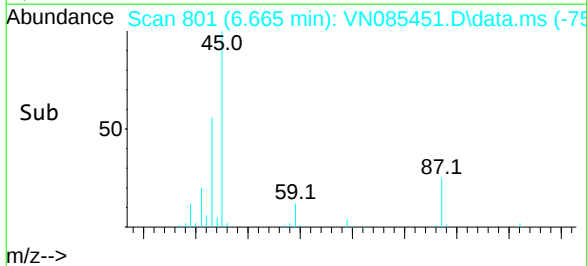
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

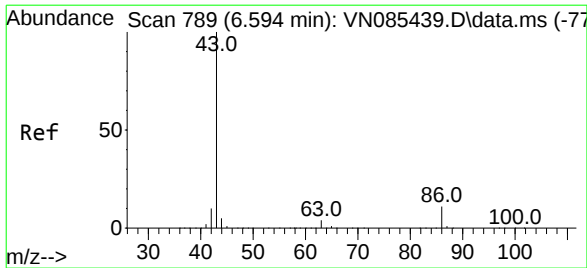


#22
Diisopropyl ether
Concen: 21.410 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02



Tgt Ion: 45 Resp: 156331
Ion Ratio Lower Upper
45 100
43 54.3 45.0 67.6
87 25.3 21.8 32.8
59 12.4 10.2 15.2





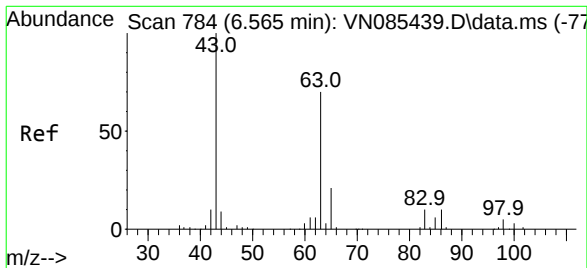
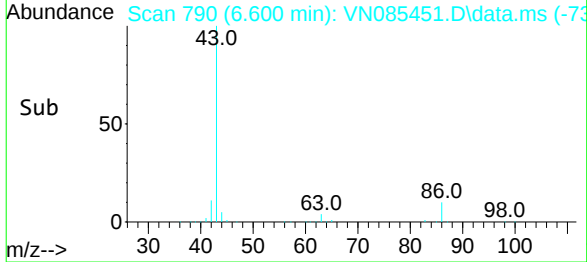
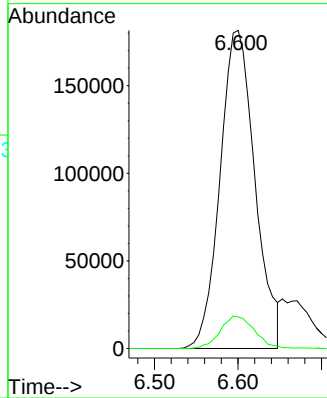
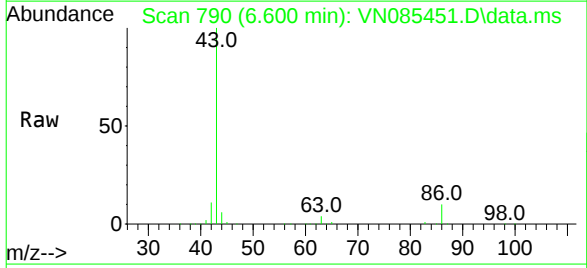
#23
Vinyl Acetate
Concen: 103.348 ug/l m
RT: 6.600 min Scan# 79
Delta R.T. 0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion: 43 Resp: 528099
Ion Ratio Lower Upper
43 100
86 9.9 8.4 12.6

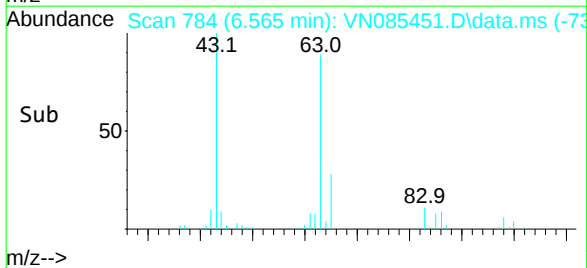
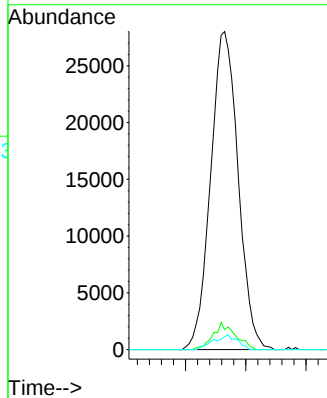
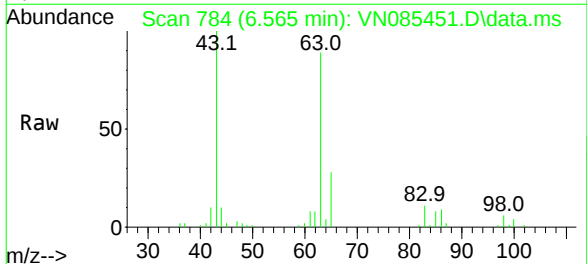
Manual Integrations
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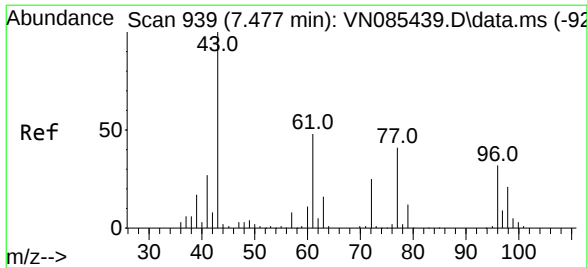
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#24
1,1-Dichloroethane
Concen: 19.952 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

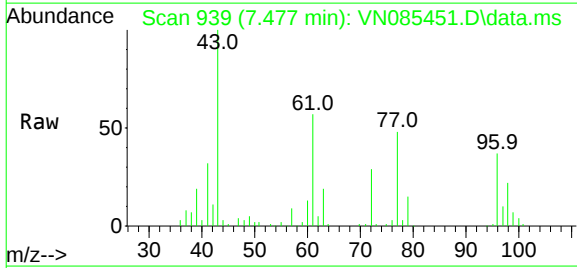
Tgt Ion: 63 Resp: 88831
Ion Ratio Lower Upper
63 100
98 6.3 3.3 9.8
100 4.1 2.0 6.0





#25
2-Butanone
Concen: 97.595 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

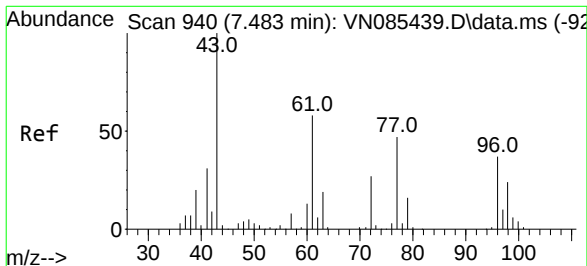
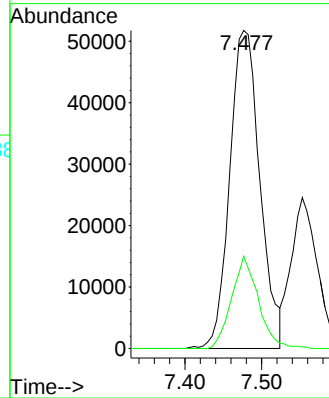
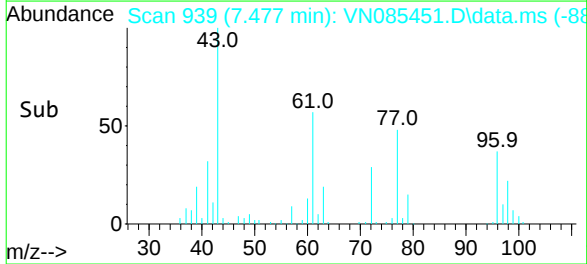
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01



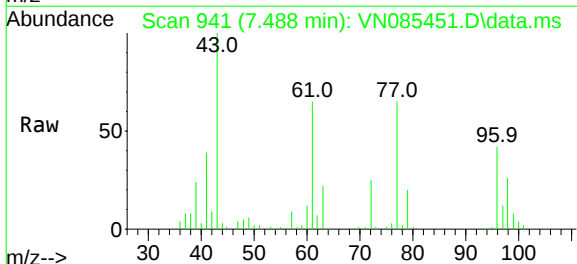
Tgt Ion: 43 Resp: 141498
Ion Ratio Lower Upper
43 100
72 29.0 20.2 30.4

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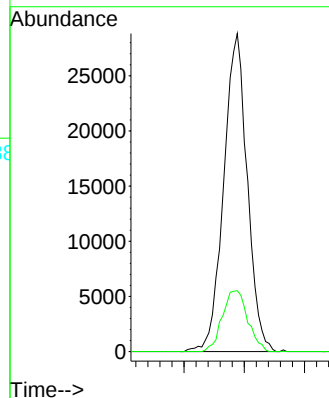
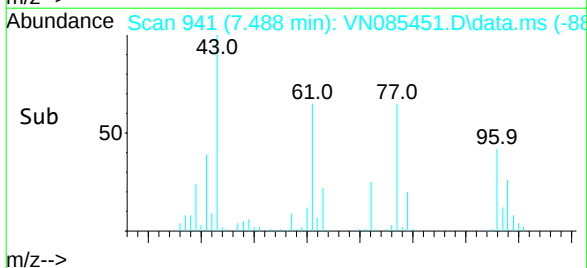
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

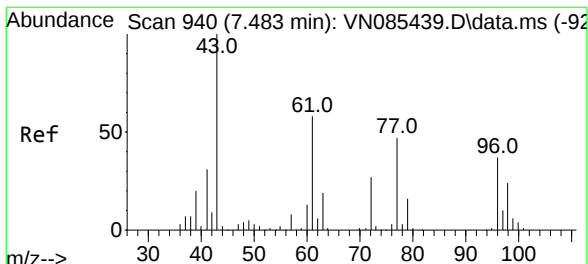


#26
2,2-Dichloropropane
Concen: 21.728 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02



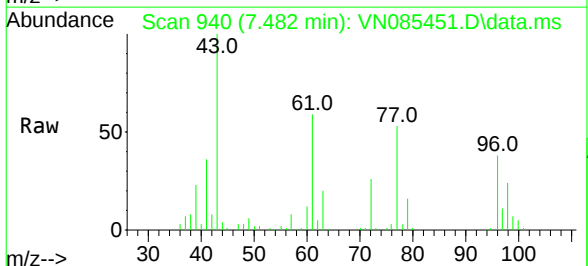
Tgt Ion: 77 Resp: 78212
Ion Ratio Lower Upper
77 100
97 20.7 10.7 32.1





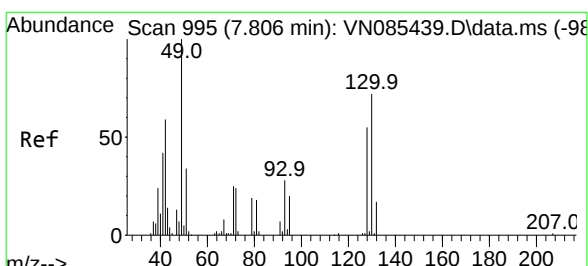
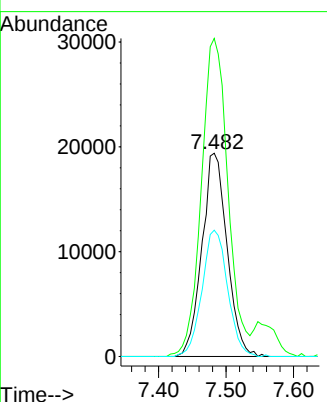
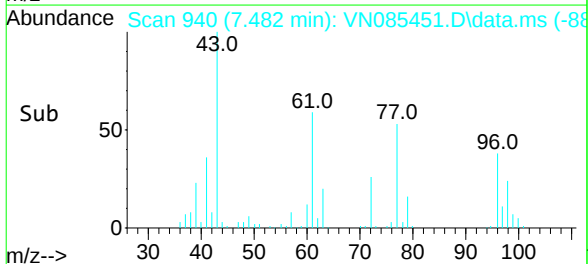
#27
 cis-1,2-Dichloroethene
 Concen: 19.672 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085451.D
 Acq: 15 Jan 2025 11:02

Instrument : MSVOA_N
 ClientSampleId : VN0115WBSD01

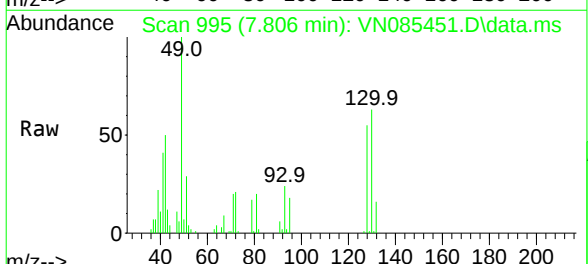


Tgt Ion:	96	Resp:	50200
Ion	Ratio	Lower	Upper
96	100		
61	165.3	0.0	311.8
98	63.3	0.0	126.0

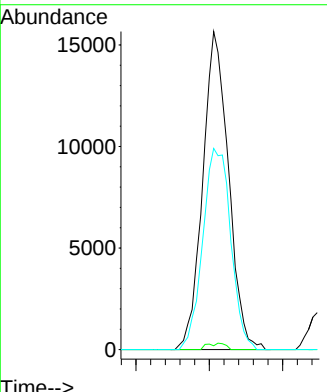
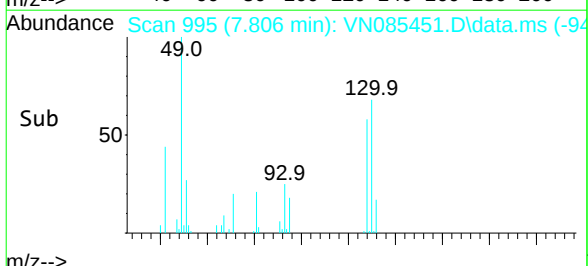
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

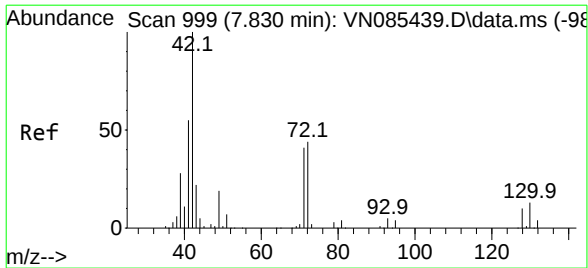


#28
 Bromochloromethane
 Concen: 18.460 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085451.D
 Acq: 15 Jan 2025 11:02



Tgt Ion:	49	Resp:	38238
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.4
130	68.4	55.0	82.4





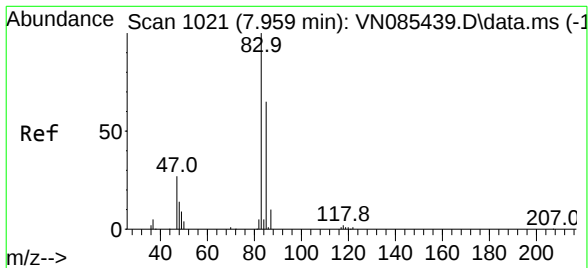
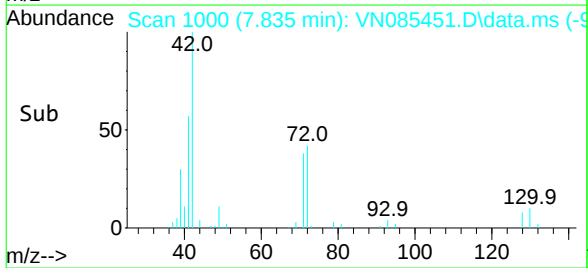
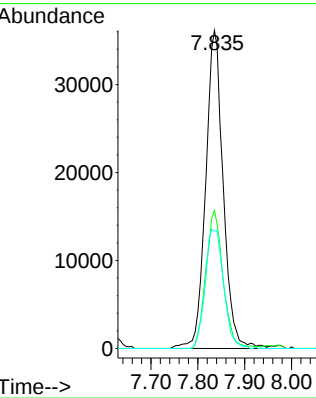
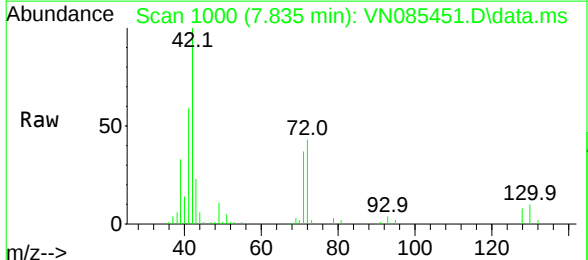
#29
Tetrahydrofuran
Concen: 102.217 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion: 42 Resp: 93959
Ion Ratio Lower Upper
42 100
72 42.2 34.2 51.2
71 39.3 32.5 48.7

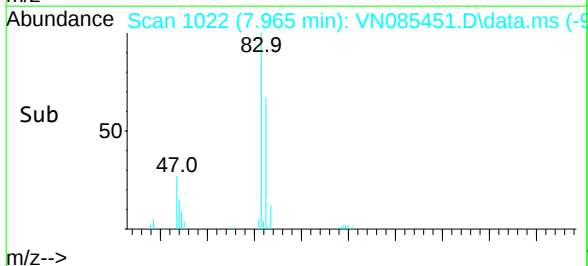
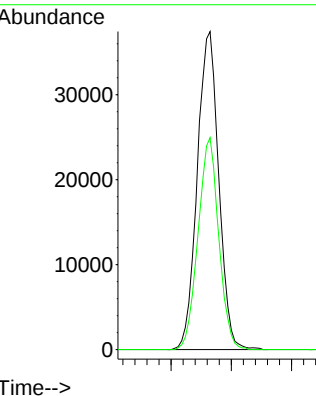
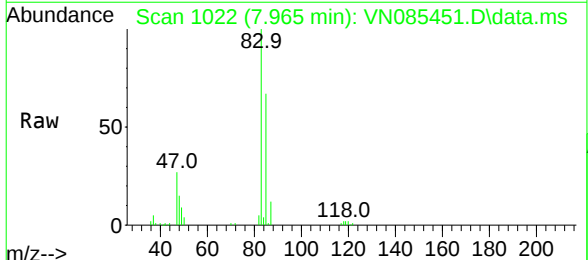
Manual Integrations
APPROVED

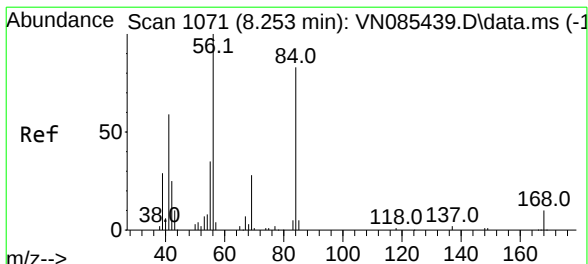
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#30
Chloroform
Concen: 20.149 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

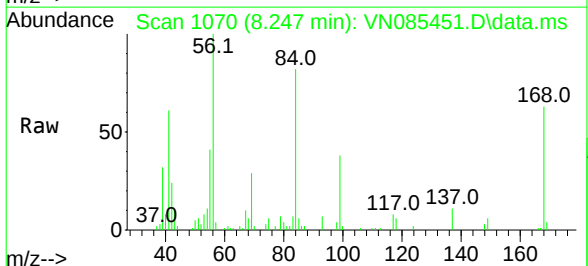
Tgt Ion: 83 Resp: 92715
Ion Ratio Lower Upper
83 100
85 66.6 51.8 77.6





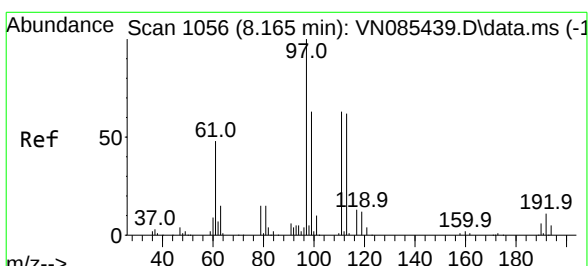
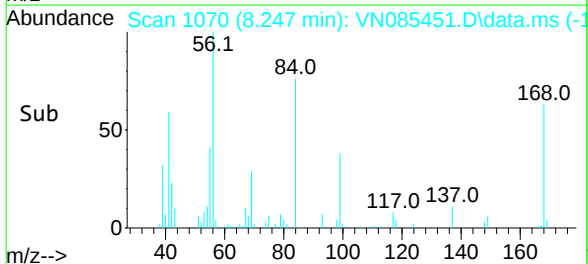
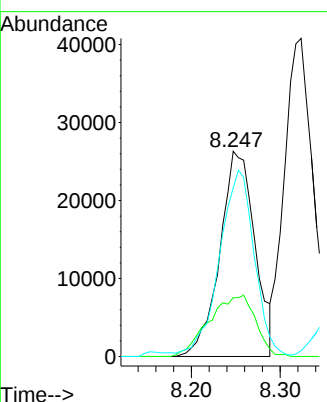
#31
Cyclohexane
Concen: 18.672 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument : MSVOA_N
ClientSampleId : VN0115WBSD01



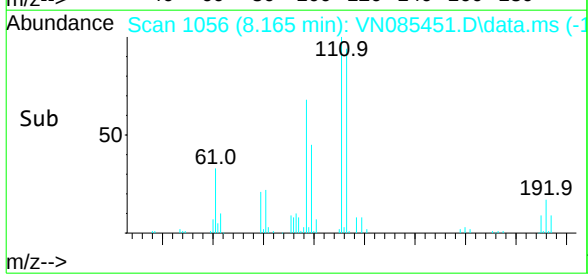
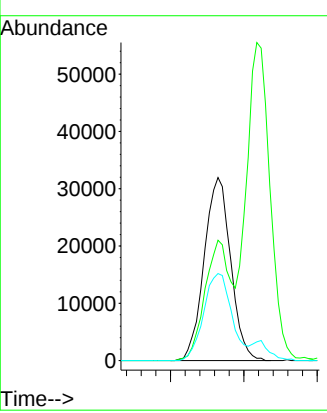
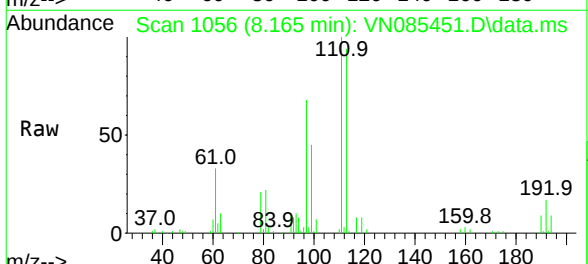
Tgt Ion:	56	Resp:	72255
Ion	Ratio	Lower	Upper
56	100		
69	28.7	22.2	33.4
84	80.4	66.4	99.6

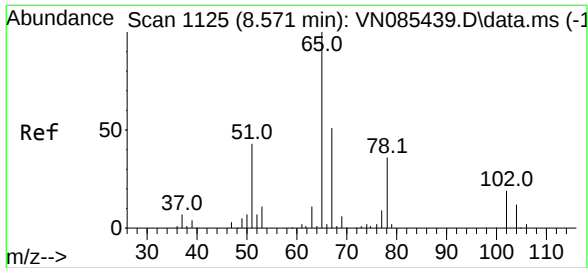
Manual Integrations
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Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#32
1,1,1-Trichloroethane
Concen: 19.867 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

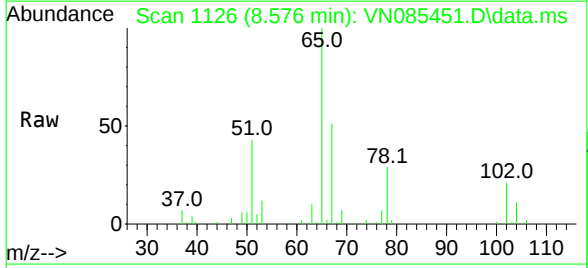
Tgt Ion:	97	Resp:	80190
Ion	Ratio	Lower	Upper
97	100		
99	64.5	49.8	74.6
61	50.6	41.4	62.2





#33
1,2-Dichloroethane-d4
Concen: 48.941 ug/l
RT: 8.576 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

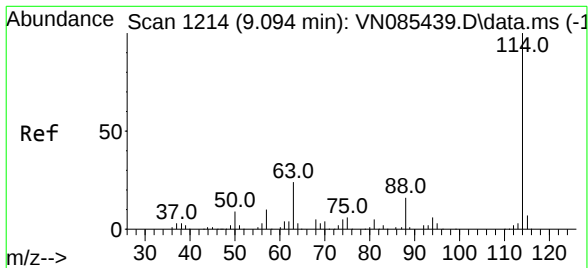
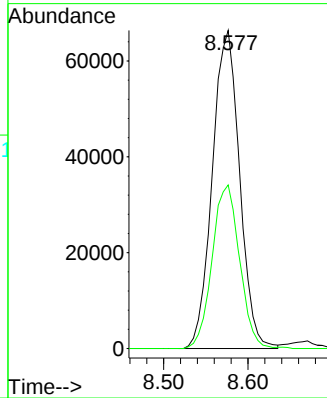
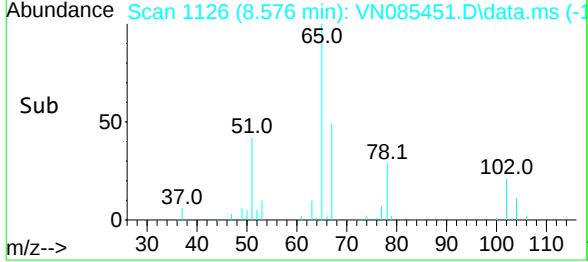
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01



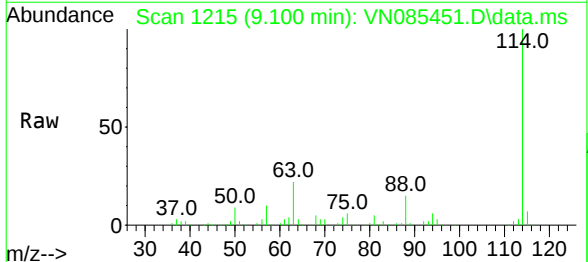
Tgt Ion: 65 Resp: 149231
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.6

Manual Integrations
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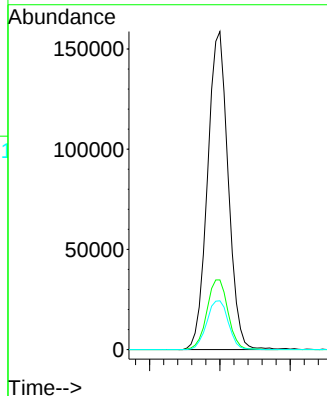
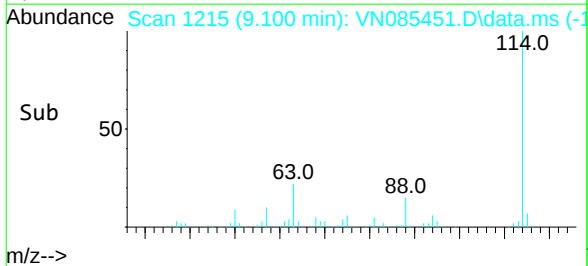
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

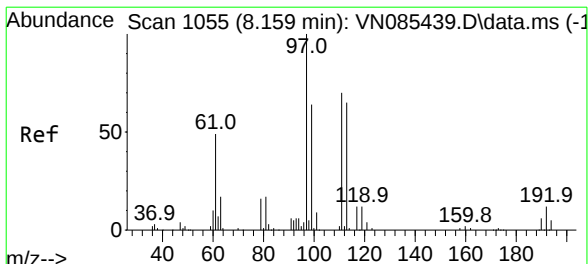


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02



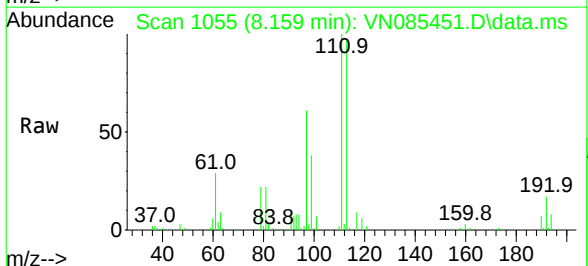
Tgt Ion:114 Resp: 323122
Ion Ratio Lower Upper
114 100
63 21.9 0.0 47.6
88 15.3 0.0 32.6





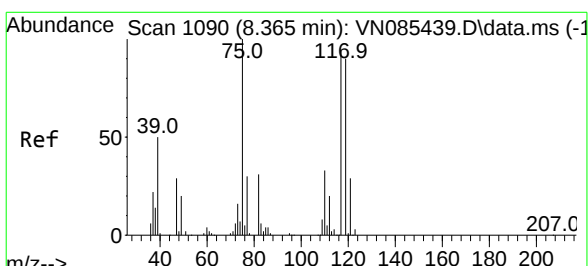
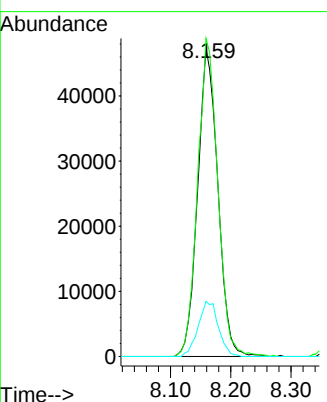
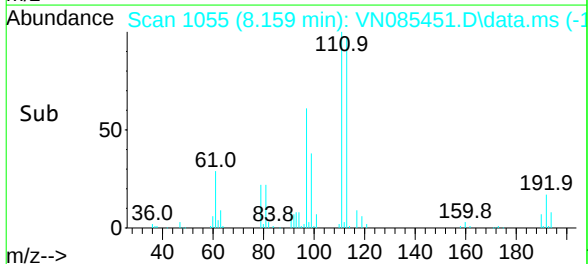
#35
 Dibromofluoromethane
 Concen: 49.259 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085451.D
 Acq: 15 Jan 2025 11:02

Instrument : MSVOA_N
 ClientSampleId : VN0115WBSD01

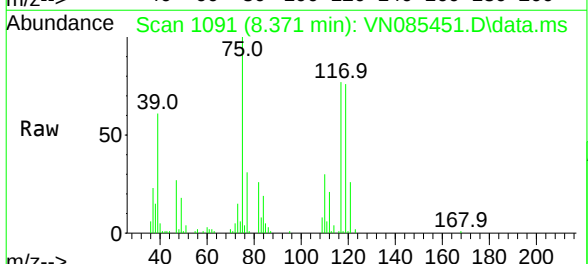


Tgt Ion:	113	Resp:	110423
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	17.9	14.3	21.5

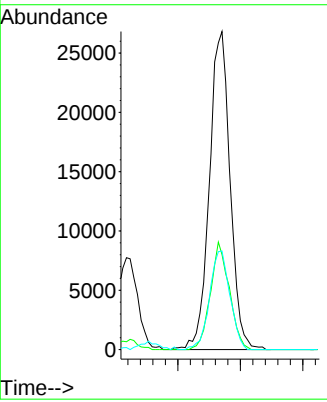
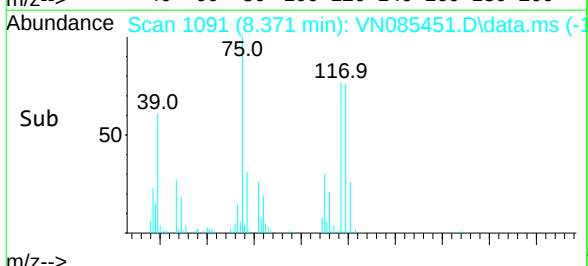
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025



#36
 1,1-Dichloropropene
 Concen: 19.650 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085451.D
 Acq: 15 Jan 2025 11:02



Tgt Ion:	75	Resp:	61822
Ion	Ratio	Lower	Upper
75	100		
110	30.8	16.5	49.5
77	30.6	24.4	36.6





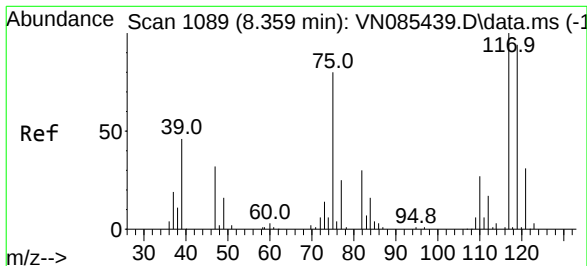
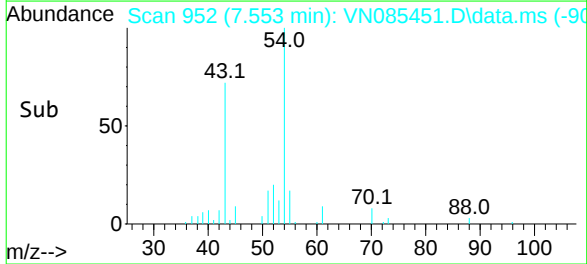
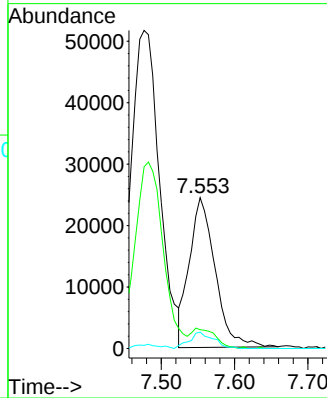
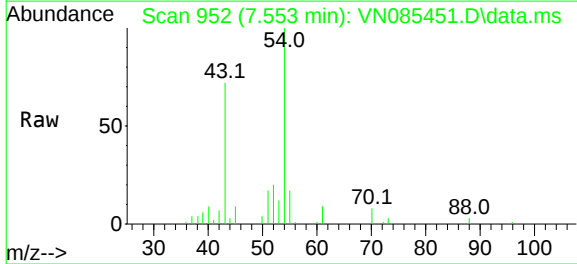
#37
Ethyl Acetate
Concen: 18.795 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.9	16.3
70	10.1	7.5	11.3

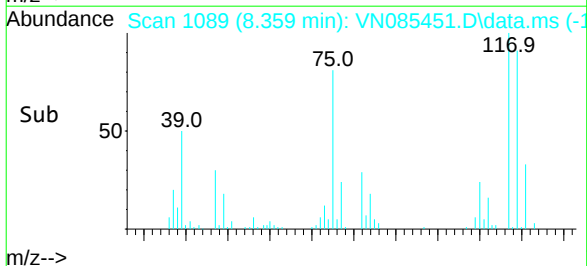
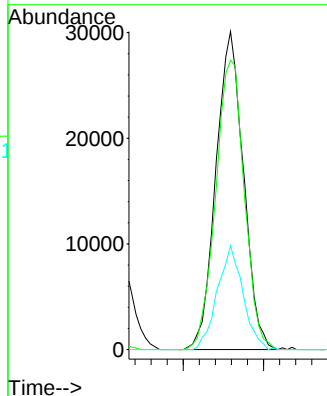
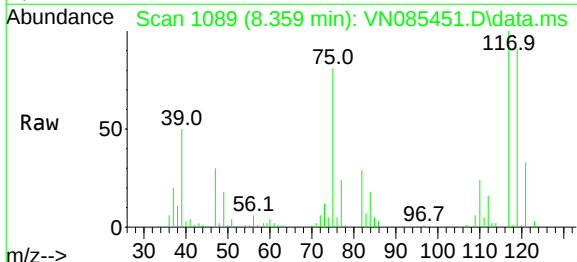
Manual Integrations
APPROVED

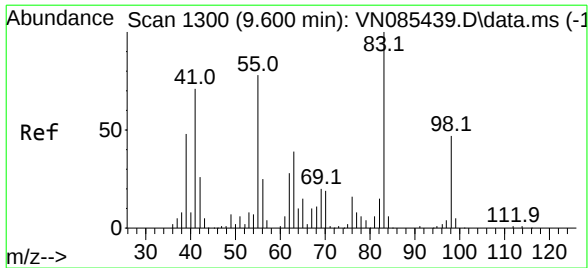
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#38
Carbon Tetrachloride
Concen: 19.911 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	75.4	113.2
121	32.7	24.6	37.0





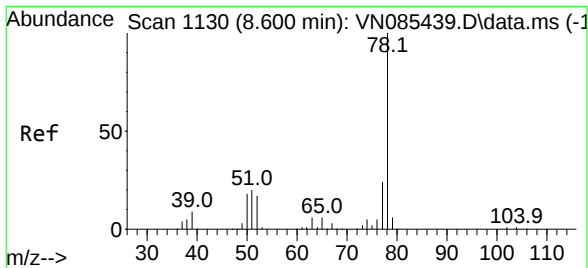
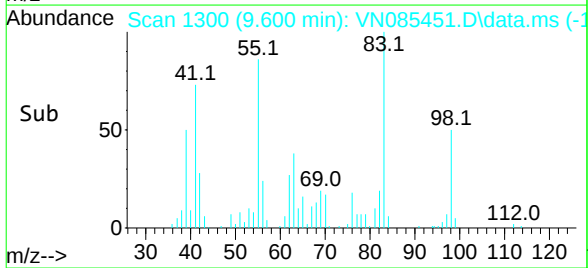
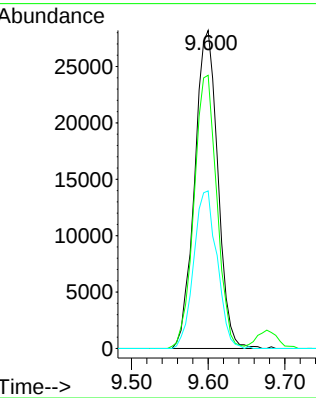
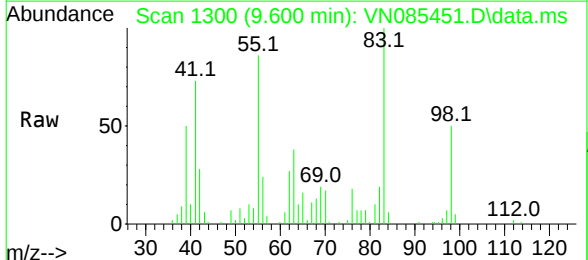
#39
Methylcyclohexane
Concen: 20.011 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument : MSVOA_N
ClientSampleId : VN0115WBSD01

Tgt Ion:	83	Resp:	59161
Ion	Ratio	Lower	Upper
83	100		
55	85.9	62.6	94.0
98	49.6	37.7	56.5

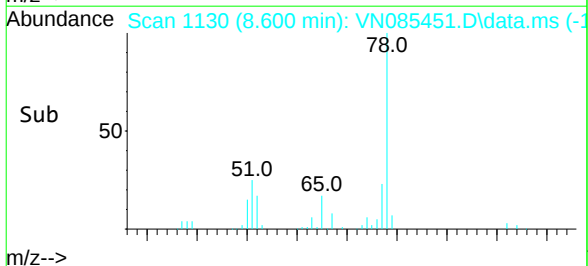
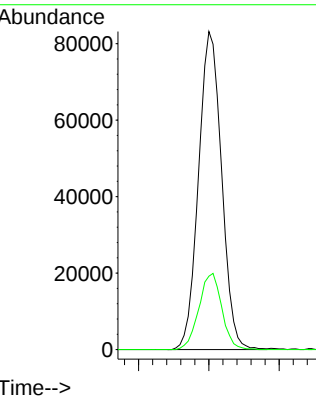
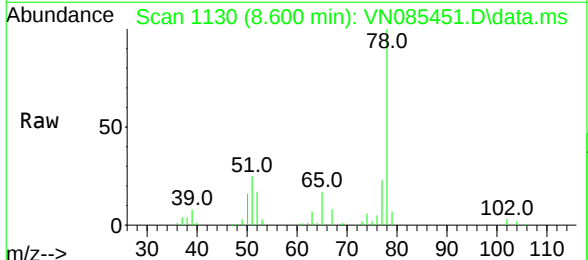
Manual Integrations
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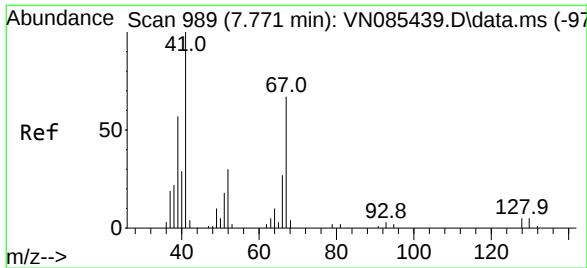
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#40
Benzene
Concen: 20.061 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion:	78	Resp:	189640
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.6





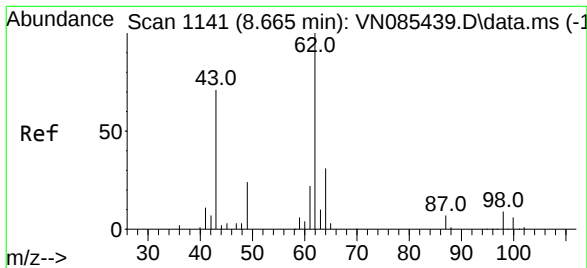
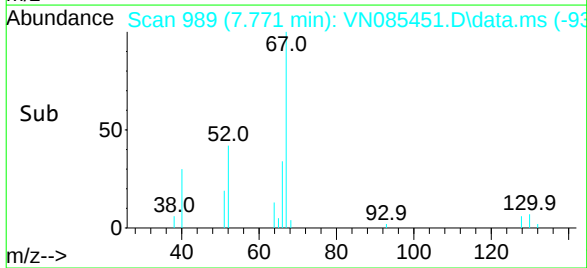
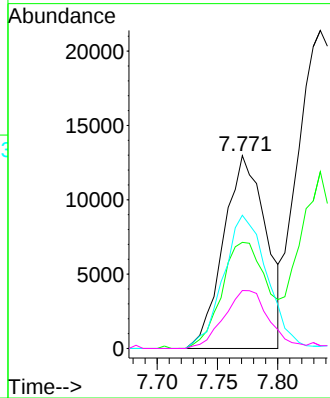
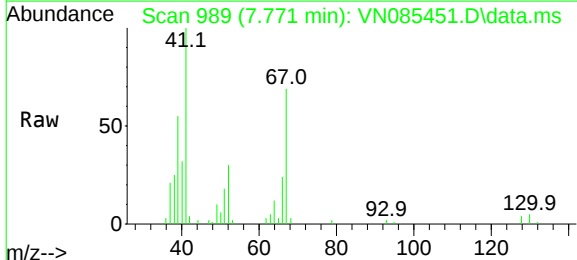
#41
Methacrylonitrile
Concen: 19.288 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion:	41	Resp:	31866
Ion	Ratio	Lower	Upper
41	100		
39	58.3	46.0	69.0
67	71.3	57.4	86.2
52	31.7	25.5	38.3

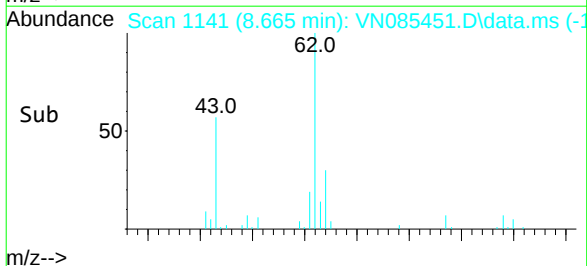
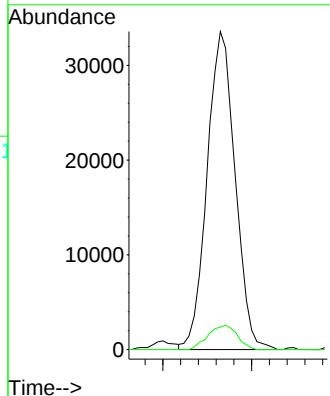
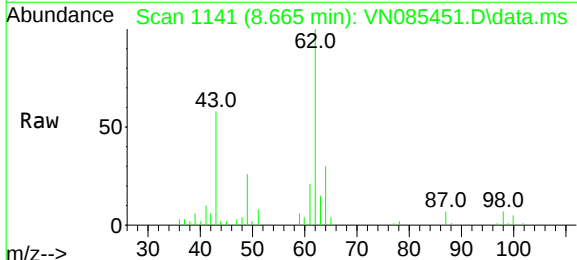
Manual Integrations
APPROVED

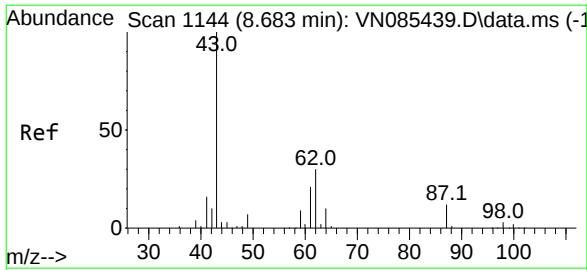
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#42
1,2-Dichloroethane
Concen: 20.692 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion:	62	Resp:	73669
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	17.0





#43

Isopropyl Acetate

Concen: 19.708 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

Tgt Ion: 43 Resp: 100283

Ion Ratio Lower Upper

43 100

61 26.5 20.7 31.1

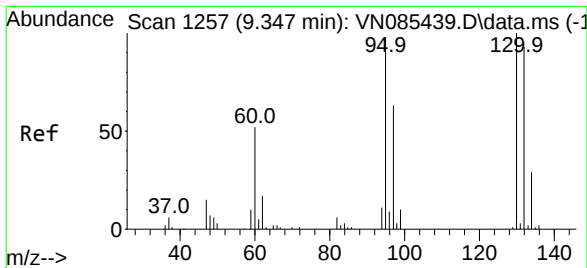
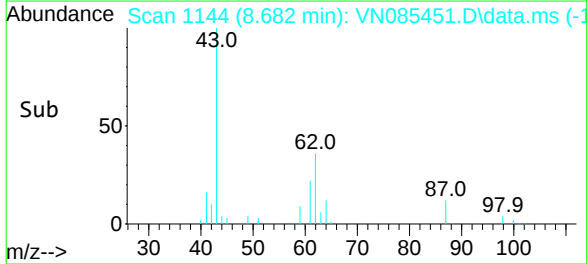
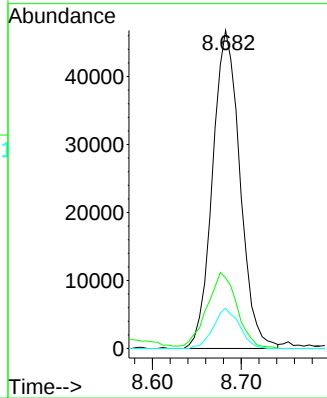
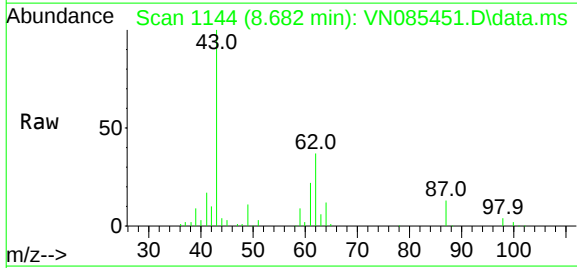
87 12.0 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#44

Trichloroethene

Concen: 20.145 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN085451.D

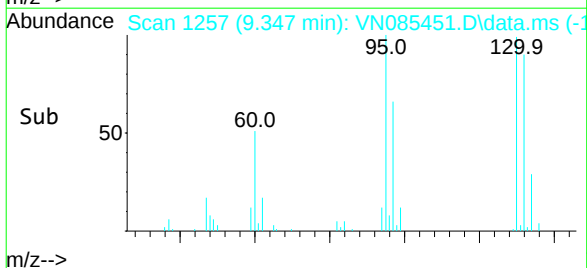
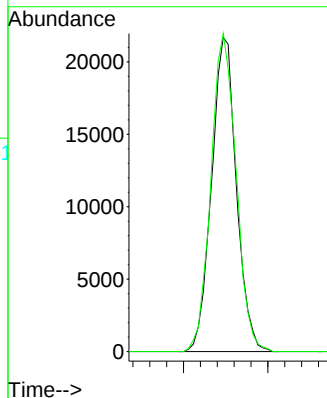
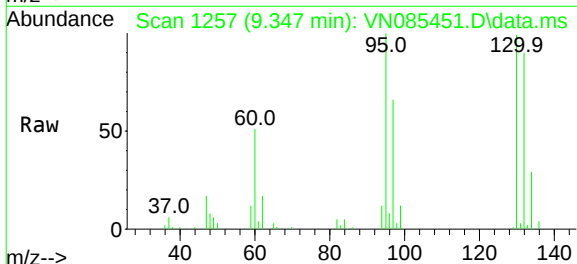
Acq: 15 Jan 2025 11:02

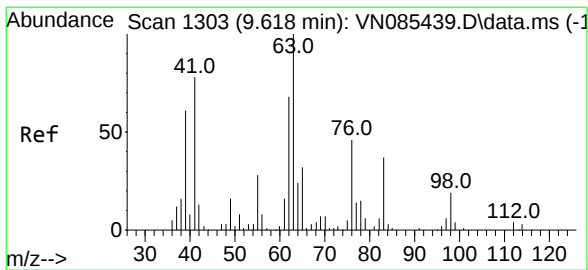
Tgt Ion:130 Resp: 44329

Ion Ratio Lower Upper

130 100

95 101.2 0.0 195.8





#45

1,2-Dichloropropane

Concen: 20.167 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

Tgt Ion: 63 Resp: 48696

Ion Ratio Lower Upper

63 100

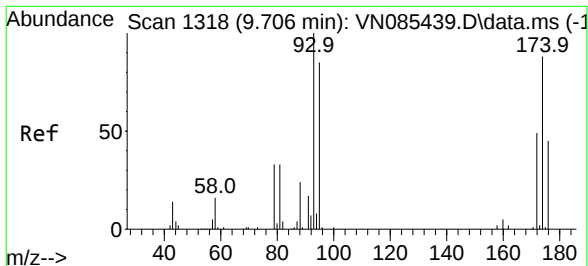
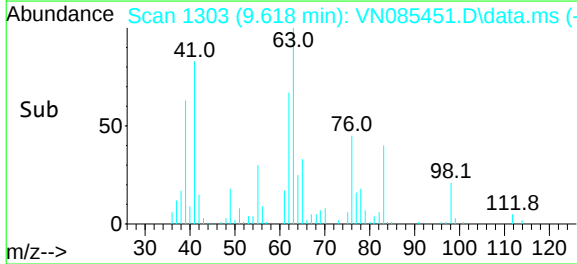
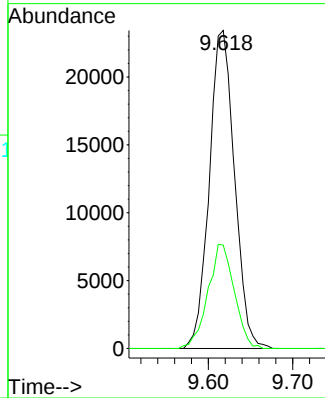
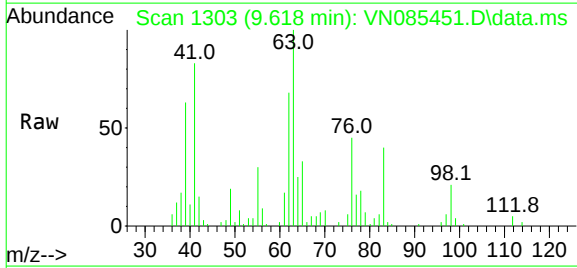
65 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#46

Dibromomethane

Concen: 19.561 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

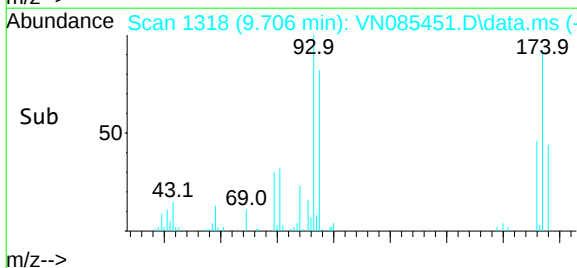
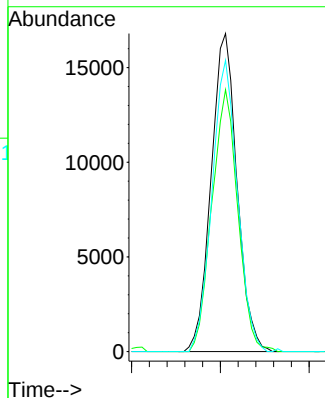
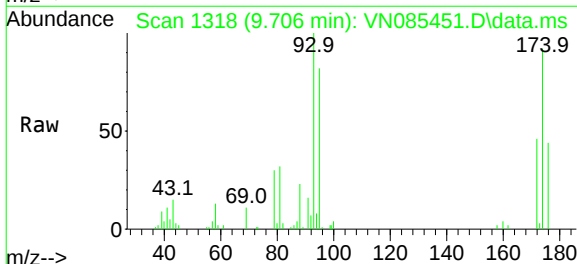
Tgt Ion: 93 Resp: 34080

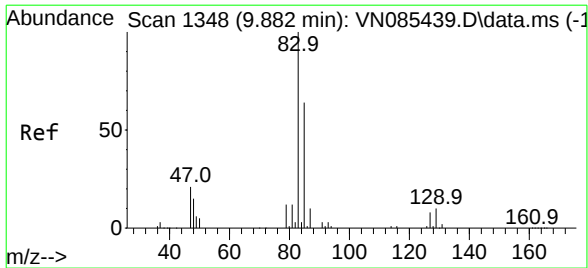
Ion Ratio Lower Upper

93 100

95 82.2 64.7 97.1

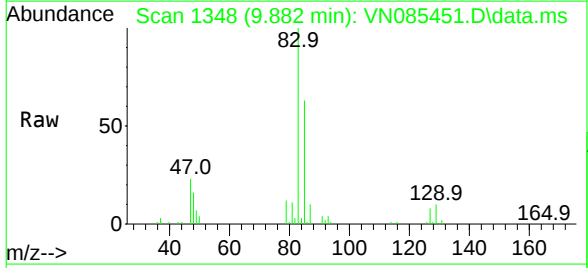
174 90.2 69.0 103.4





#47
Bromodichloromethane
Concen: 20.909 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

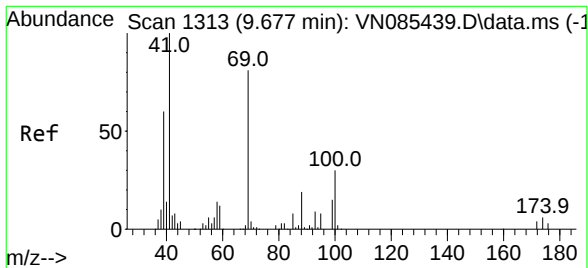
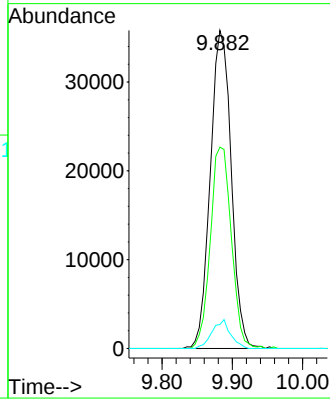
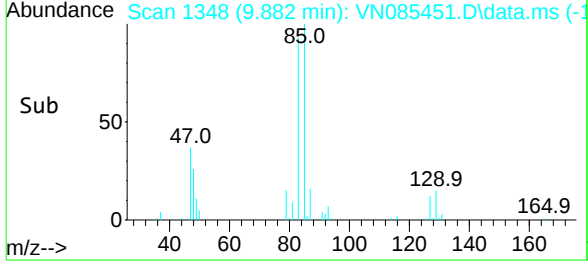
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01



Tgt Ion: 83 Resp: 74218
Ion Ratio Lower Upper
83 100
85 63.3 51.2 76.8
127 7.5 6.5 9.7

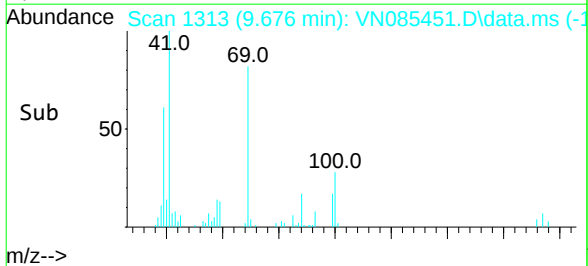
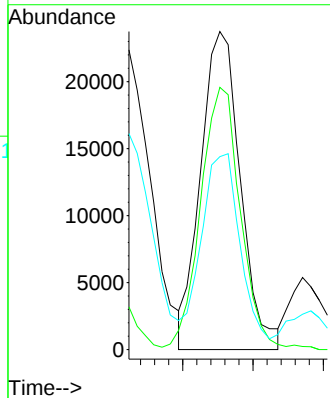
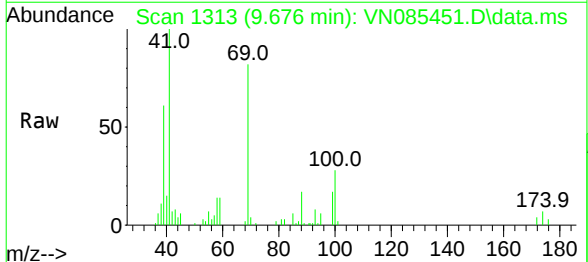
Manual Integrations
APPROVED

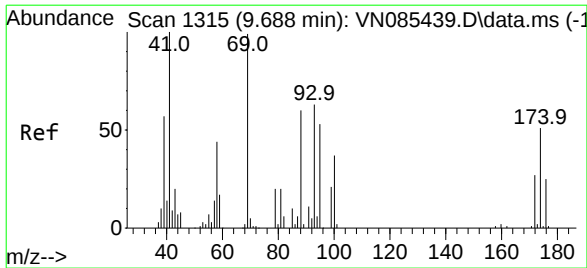
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#48
Methyl methacrylate
Concen: 20.374 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.001 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

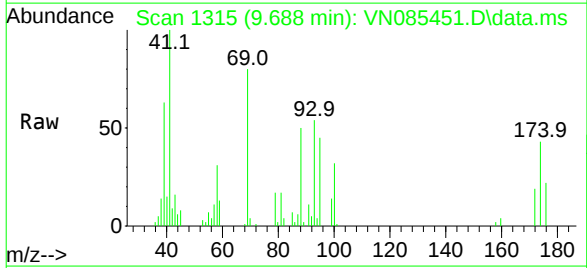
Tgt Ion: 41 Resp: 46655
Ion Ratio Lower Upper
41 100
69 82.9 64.7 97.1
39 61.1 49.0 73.6





#49
1,4-Dioxane
Concen: 388.550 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

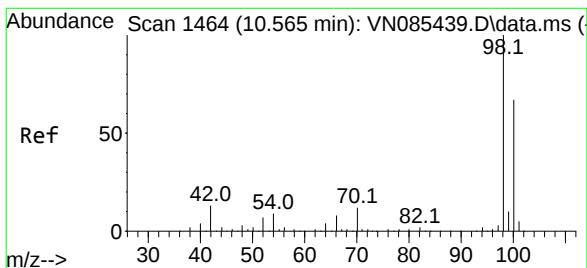
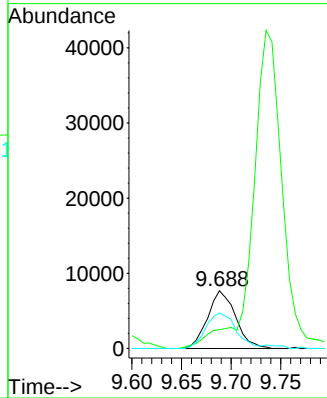
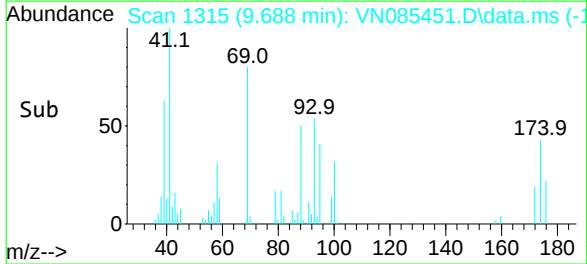
Instrument : MSVOA_N
ClientSampleId : VN0115WBSD01



Tgt Ion: 88 Resp: 14983
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 66.8 59.5 89.3

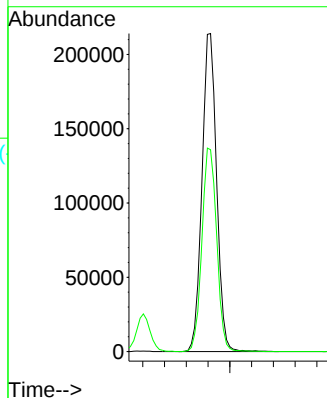
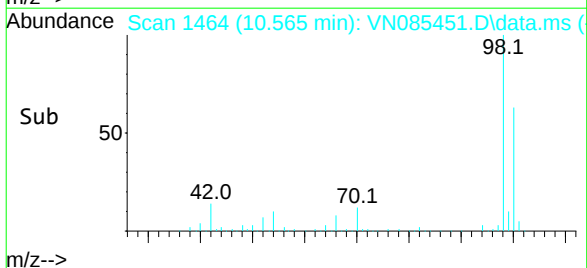
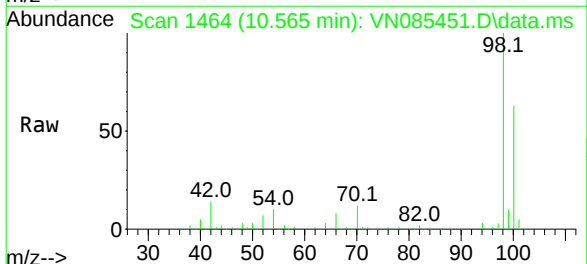
Manual Integrations
APPROVED

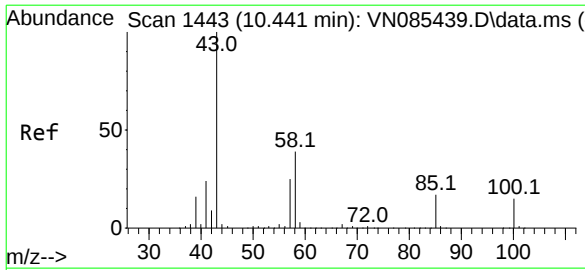
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#50
Toluene-d8
Concen: 50.102 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion: 98 Resp: 399040
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4





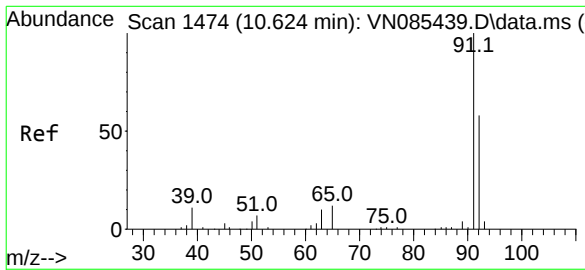
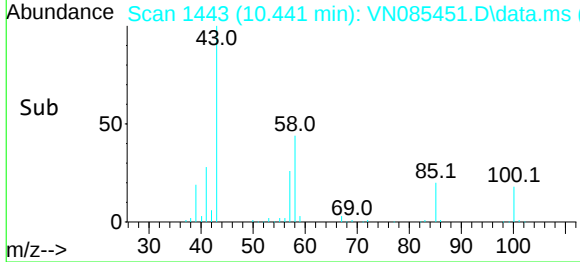
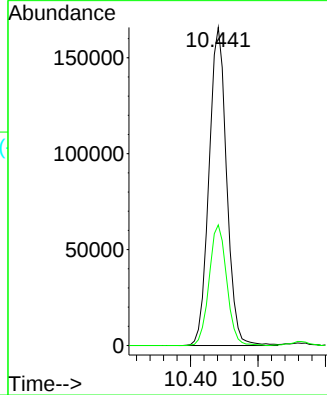
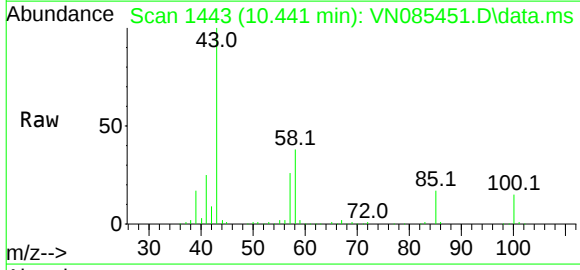
#51
4-Methyl-2-Pentanone
Concen: 101.808 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion: 43 Resp: 300611
Ion Ratio Lower Upper
43 100
58 37.8 30.5 45.7

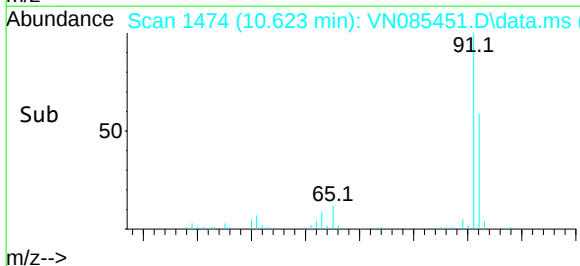
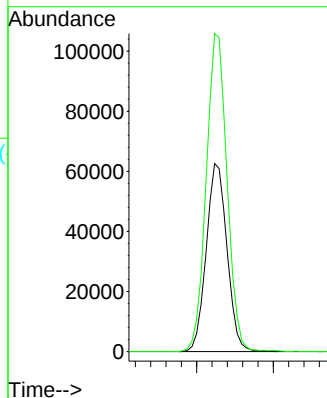
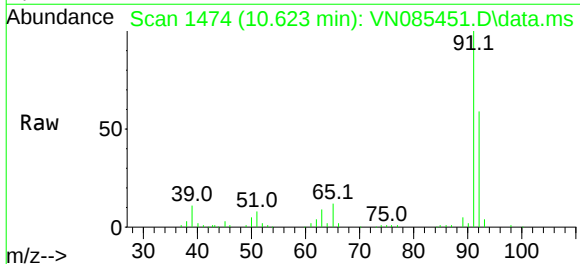
Manual Integrations
APPROVED

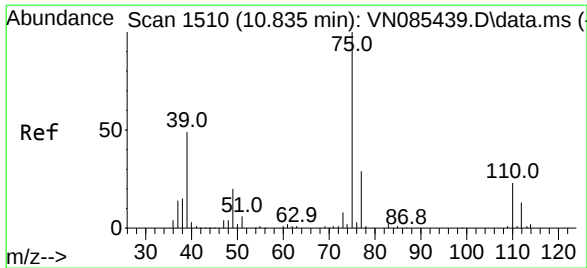
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#52
Toluene
Concen: 21.476 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.001 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

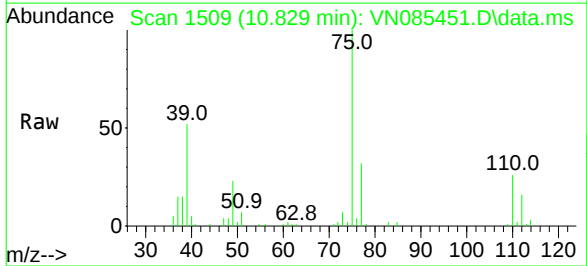
Tgt Ion: 92 Resp: 117631
Ion Ratio Lower Upper
92 100
91 169.9 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 20.276 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

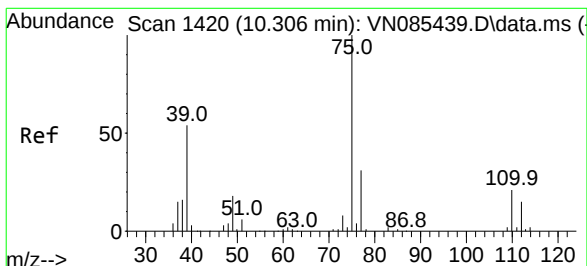
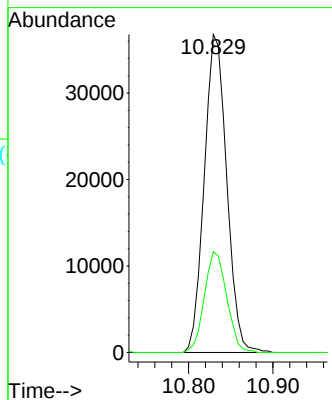
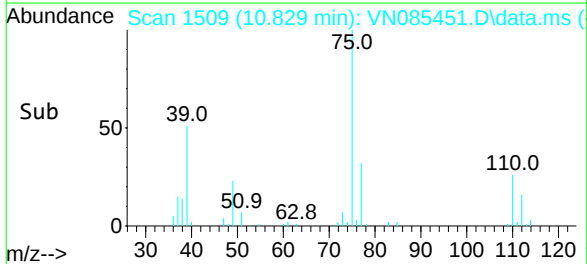
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01



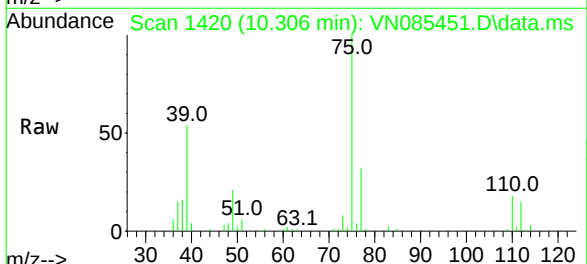
Tgt Ion: 75 Resp: 68014
Ion Ratio Lower Upper
75 100
77 31.7 23.5 35.3

Manual Integrations
APPROVED

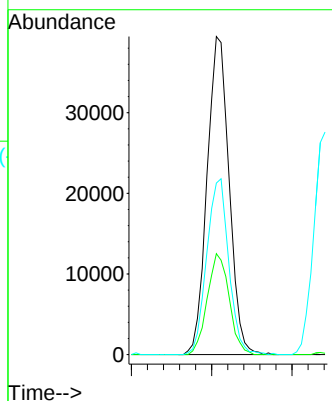
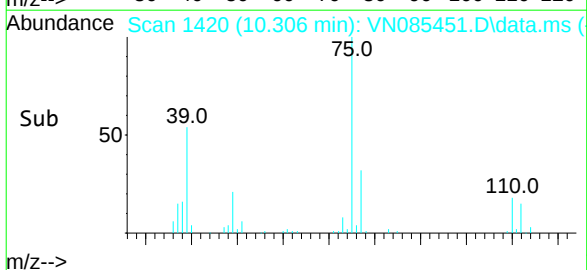
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

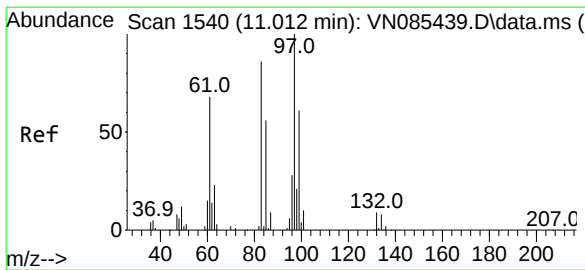


#54
cis-1,3-Dichloropropene
Concen: 20.973 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02



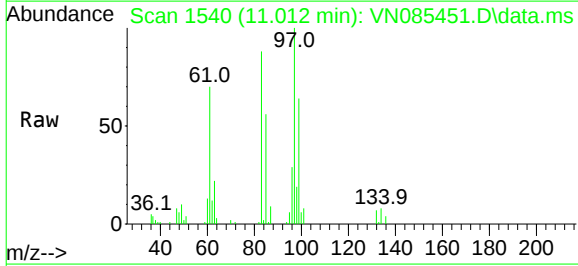
Tgt Ion: 75 Resp: 75146
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4
39 53.9 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 20.861 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

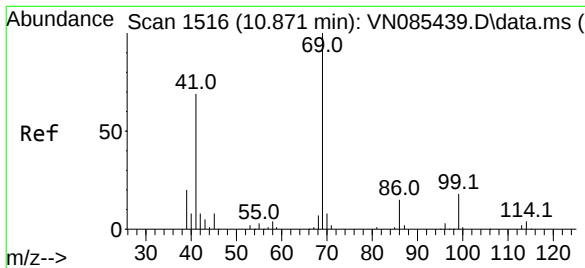
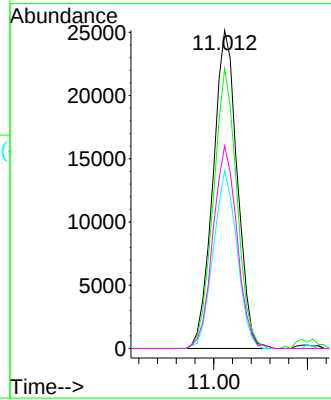
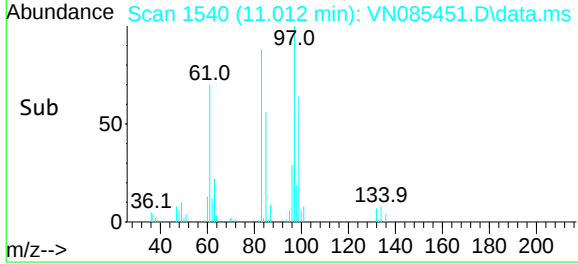
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01



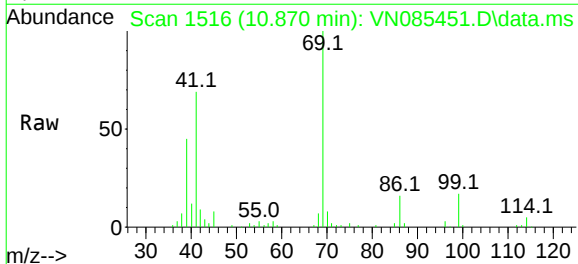
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.0	103.6
85	55.9	44.6	66.8
99	63.7	48.6	72.8

Manual Integrations
APPROVED

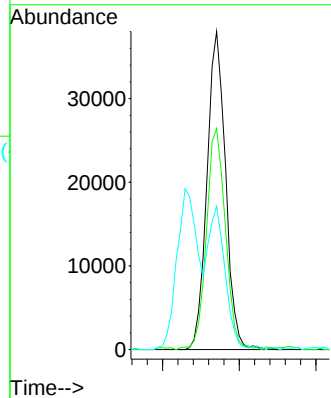
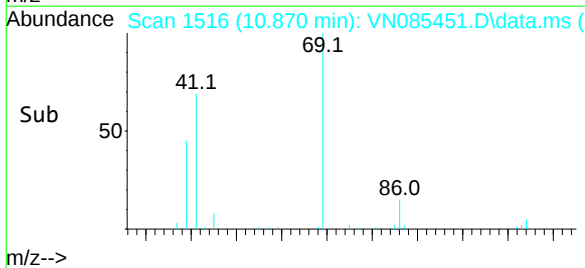
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

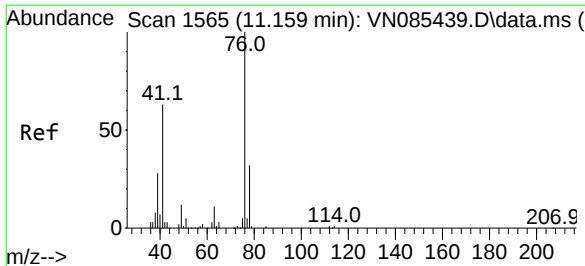


#56
Ethyl methacrylate
Concen: 18.769 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02



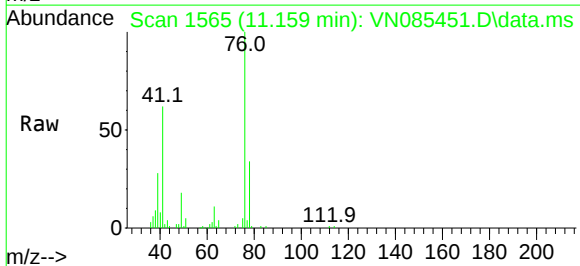
Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.0	54.6	82.0
39	40.3	32.4	48.6





#57
1,3-Dichloropropane
Concen: 20.424 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

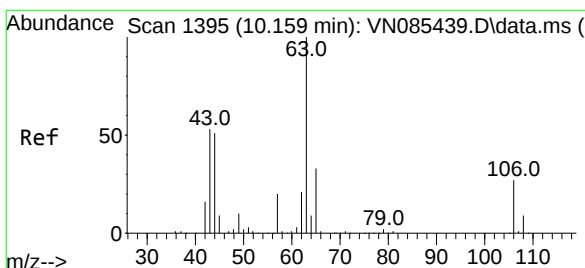
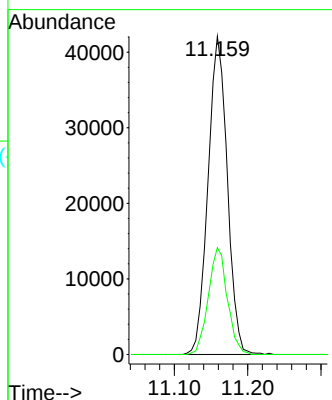
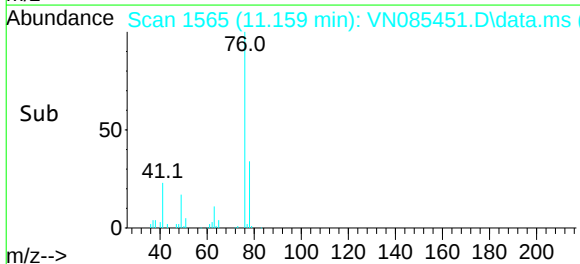
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01



Tgt Ion: 76 Resp: 76979
Ion Ratio Lower Upper
76 100
78 33.2 25.6 38.4

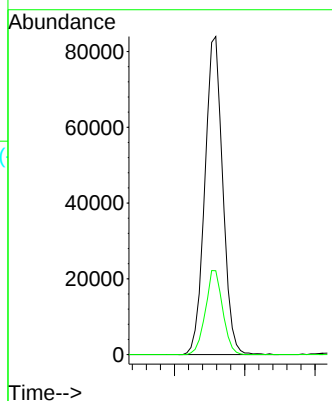
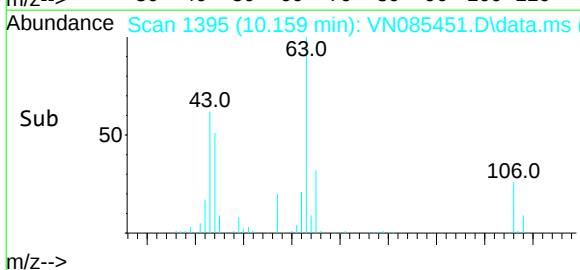
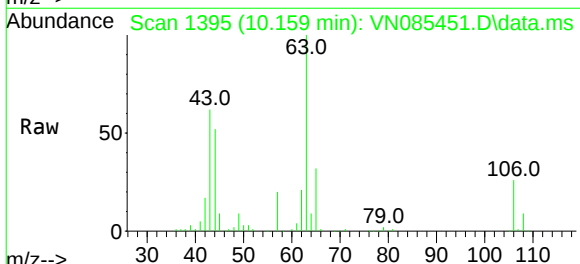
Manual Integrations
APPROVED

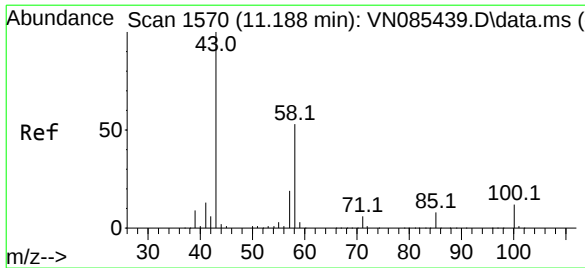
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 107.782 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion: 63 Resp: 148262
Ion Ratio Lower Upper
63 100
106 25.5 21.6 32.4





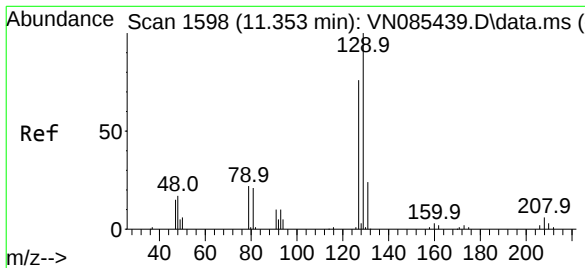
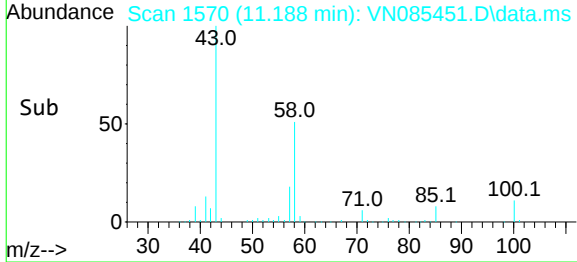
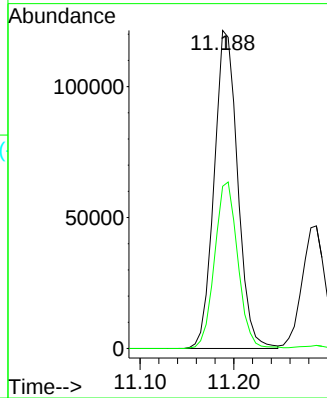
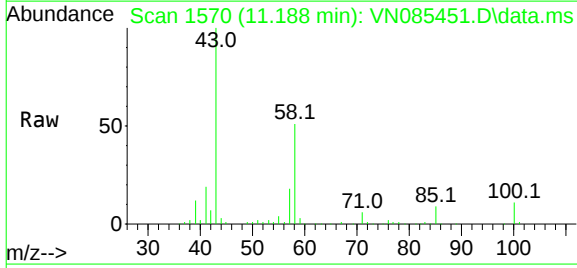
#59
2-Hexanone
Concen: 101.890 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion: 43 Resp: 211689
Ion Ratio Lower Upper
43 100
58 51.5 26.2 78.6

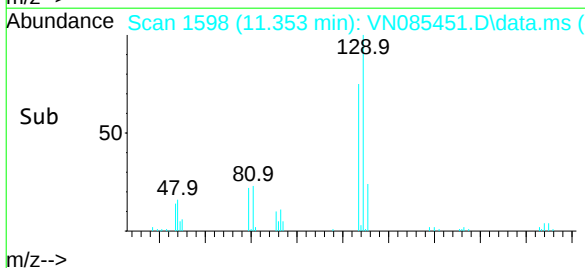
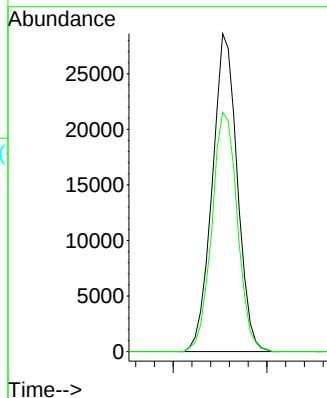
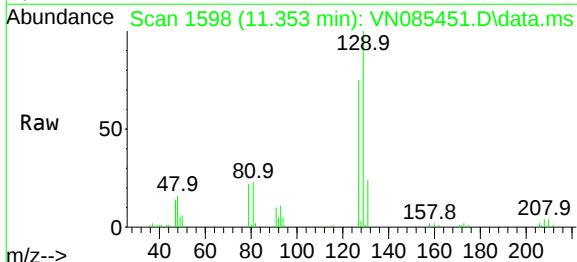
Manual Integrations
APPROVED

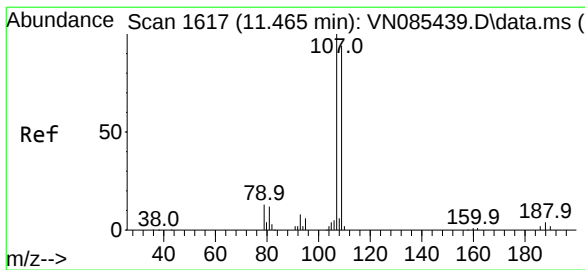
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#60
Dibromochloromethane
Concen: 20.236 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion:129 Resp: 52957
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





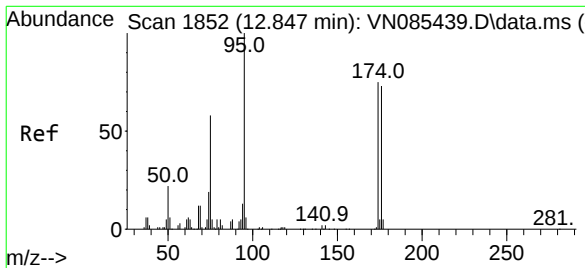
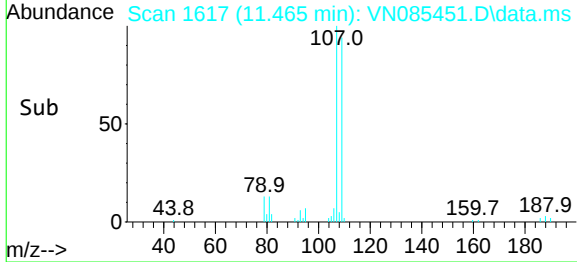
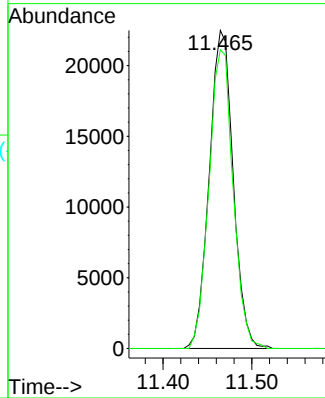
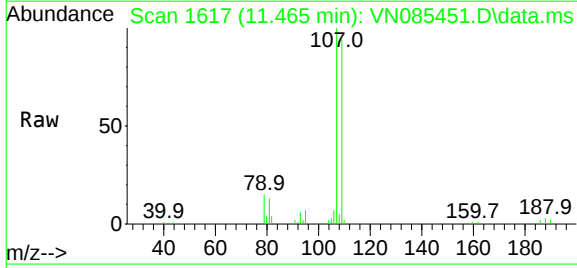
#61
1,2-Dibromoethane
Concen: 19.533 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion: 107 Resp: 42146
Ion Ratio Lower Upper
107 100
109 94.7 75.9 113.9

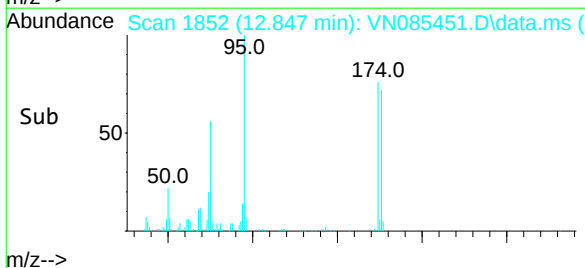
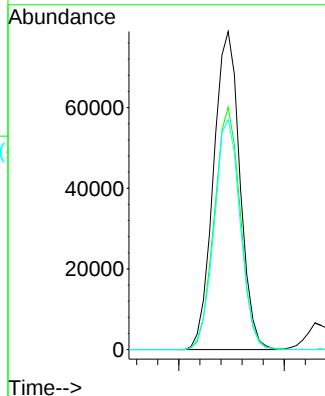
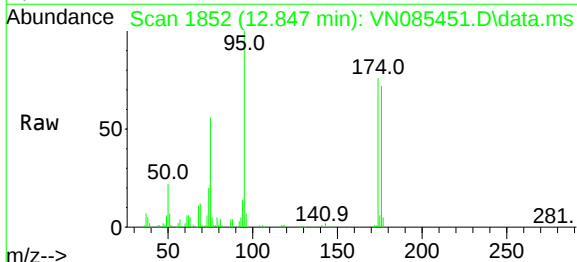
Manual Integrations
APPROVED

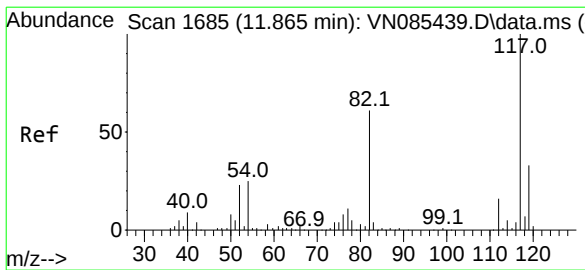
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#62
4-Bromofluorobenzene
Concen: 50.364 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion: 95 Resp: 137216
Ion Ratio Lower Upper
95 100
174 74.8 0.0 145.0
176 71.6 0.0 142.4





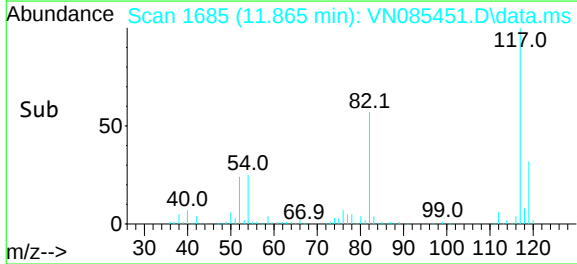
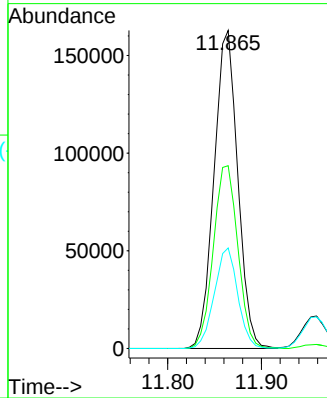
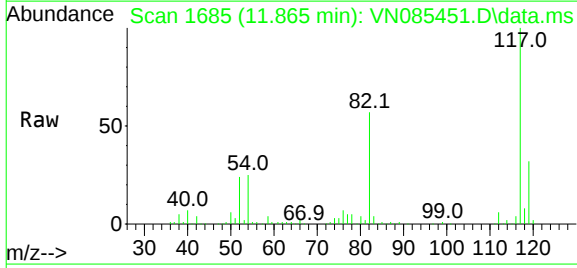
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion:	117	Resp:	286298
Ion Ratio	Lower	Upper	
117	100		
82	57.5	48.6	72.8
119	31.6	26.6	39.8

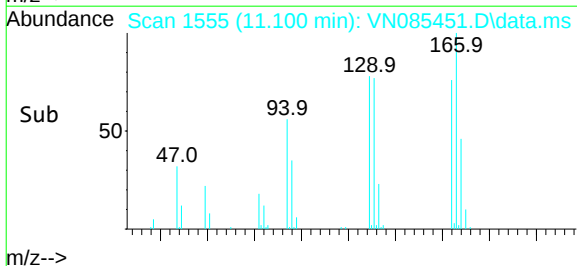
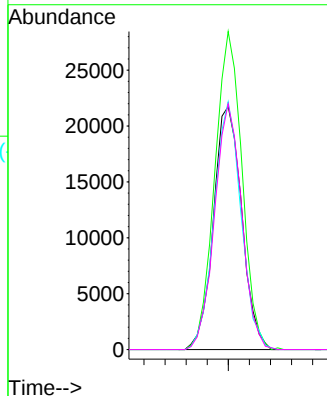
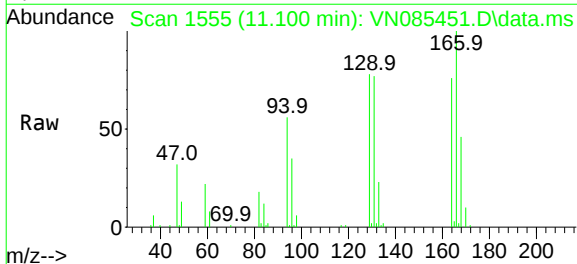
Manual Integrations
APPROVED

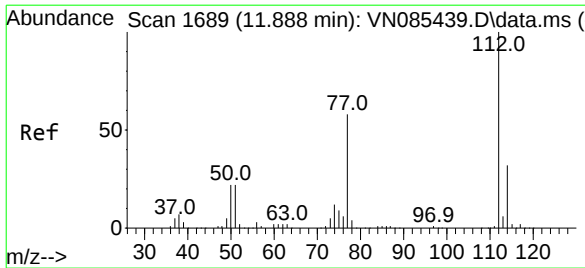
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#64
Tetrachloroethene
Concen: 20.740 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion:	164	Resp:	40480
Ion Ratio	Lower	Upper	
164	100		
166	130.9	103.4	155.2
129	101.9	79.2	118.8
131	101.1	77.1	115.7





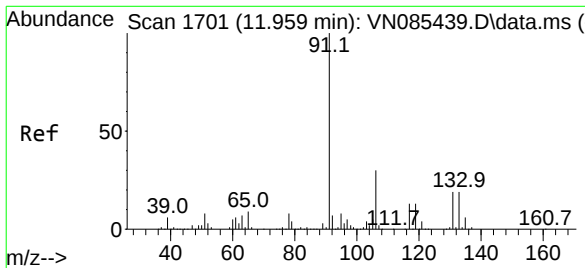
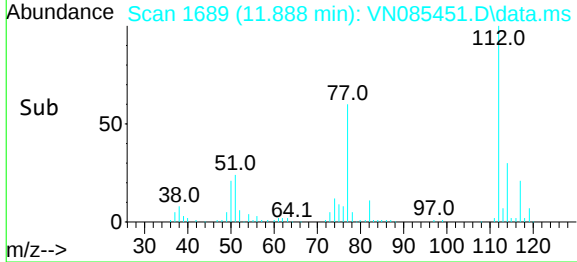
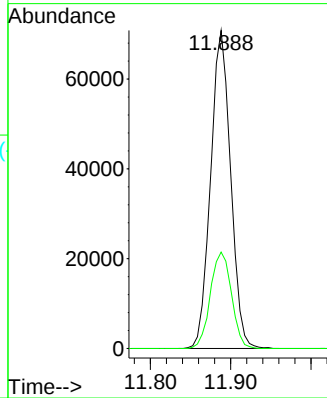
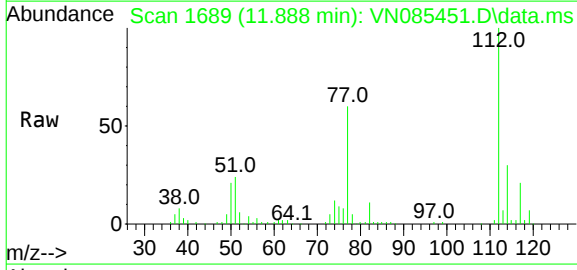
#65
Chlorobenzene
Concen: 19.546 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion:112 Resp: 122590
Ion Ratio Lower Upper
112 100
114 30.3 25.3 37.9

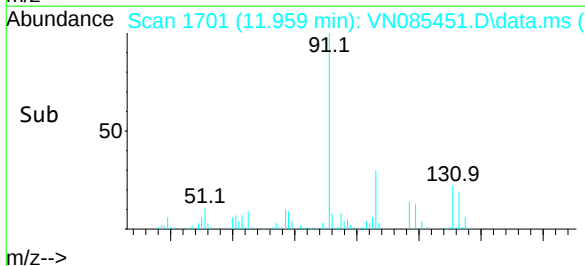
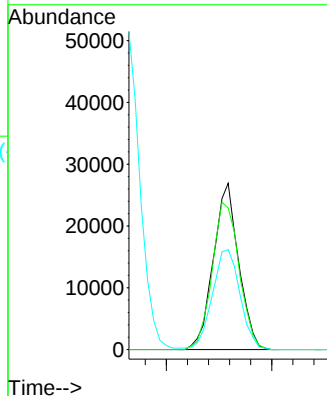
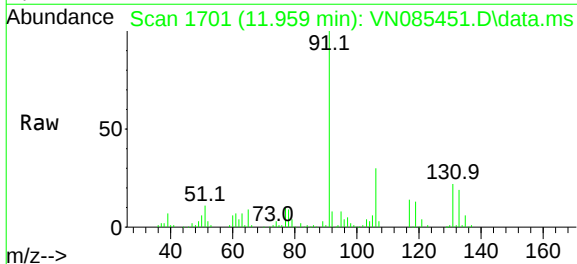
Manual Integrations
APPROVED

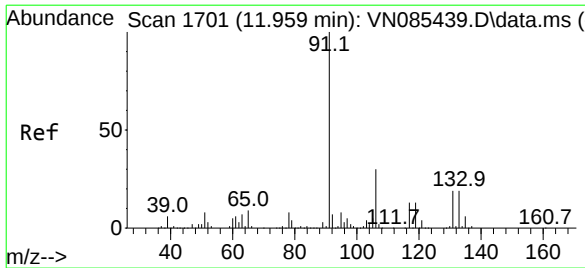
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.484 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion:131 Resp: 44850
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.3
119 65.9 33.1 99.5





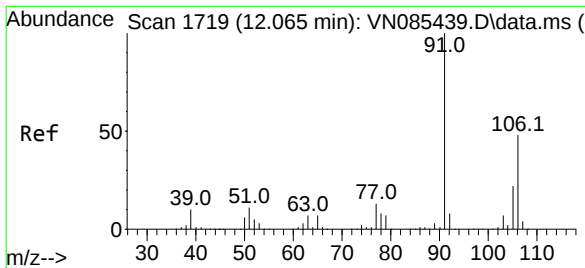
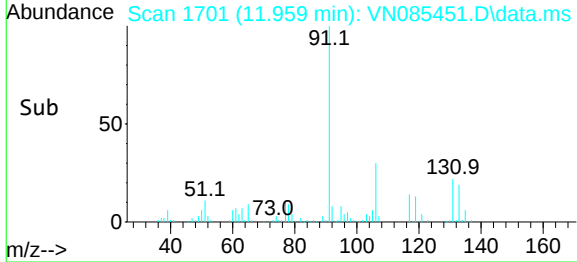
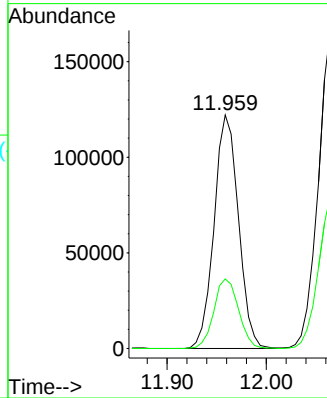
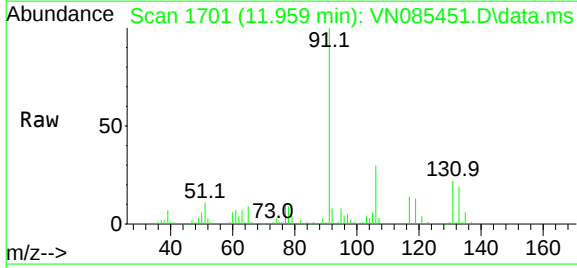
#67
Ethyl Benzene
Concen: 20.381 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion: 91 Resp: 208196
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8

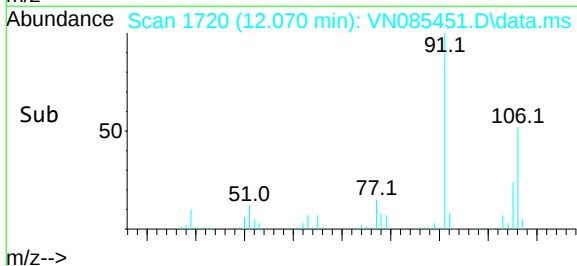
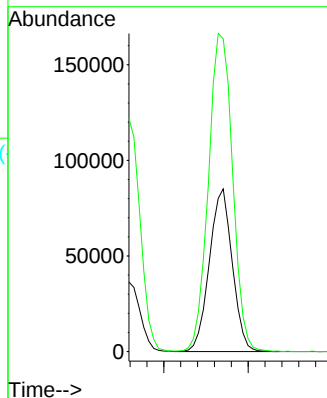
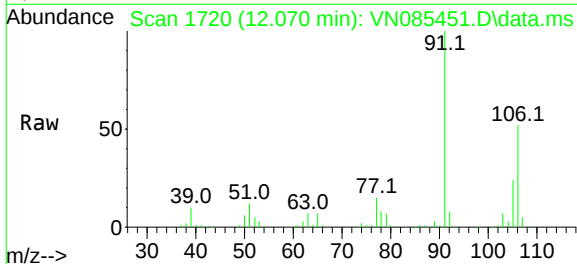
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#68
m/p-Xylenes
Concen: 42.515 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion:106 Resp: 160511
Ion Ratio Lower Upper
106 100
91 206.6 167.7 251.5





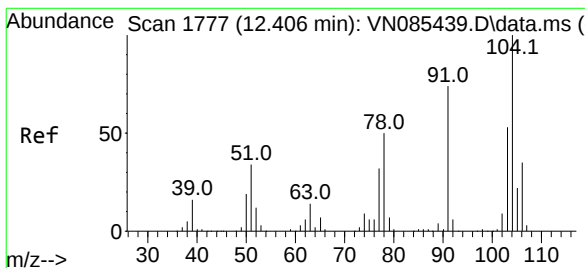
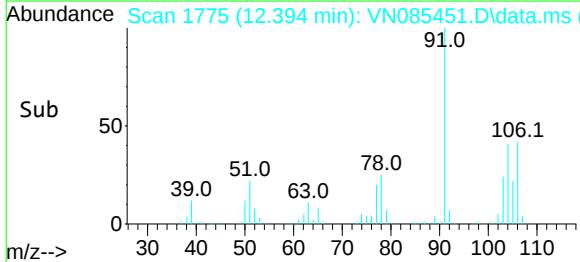
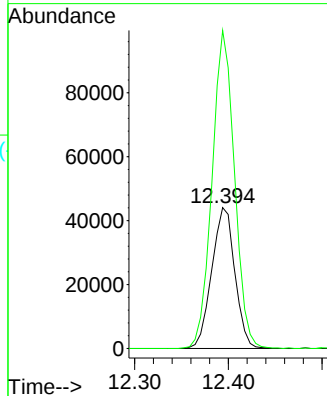
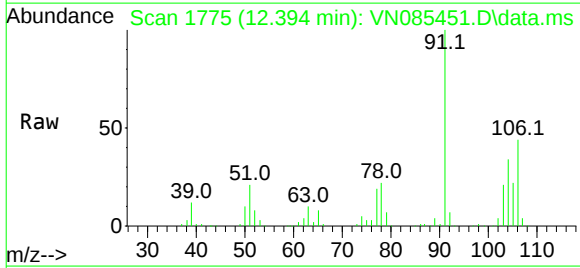
#69
o-Xylene
Concen: 20.928 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion:106 Resp: 75509
Ion Ratio Lower Upper
106 100
91 219.1 110.4 331.2

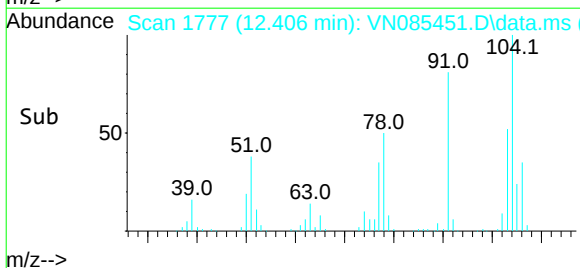
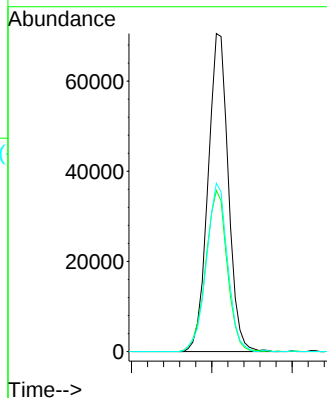
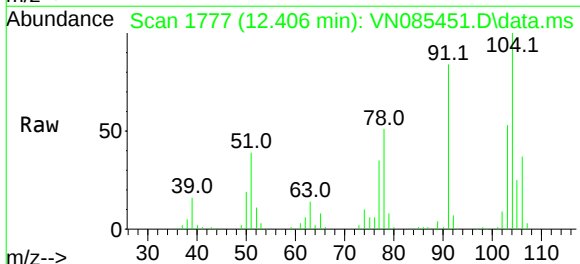
Manual Integrations
APPROVED

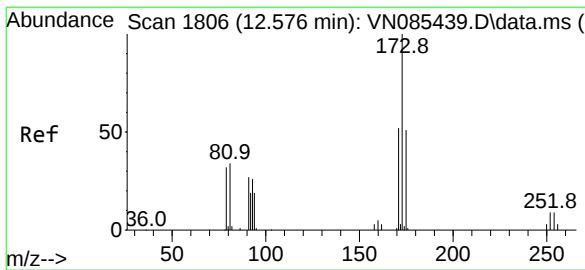
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#70
Styrene
Concen: 20.788 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion:104 Resp: 124126
Ion Ratio Lower Upper
104 100
78 53.5 42.5 63.7
103 54.9 43.8 65.8





#71

Bromoform

Concen: 20.643 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

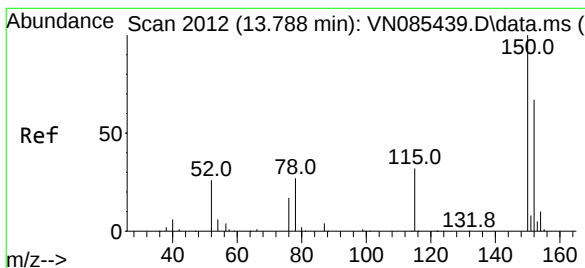
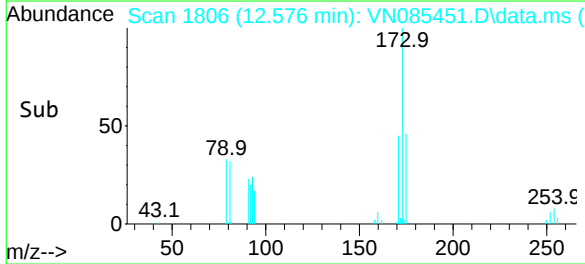
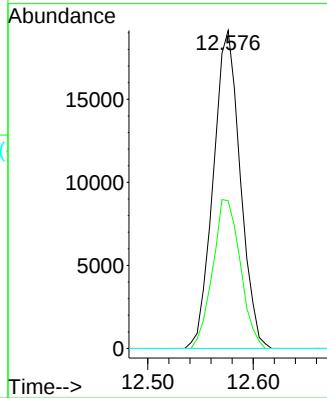
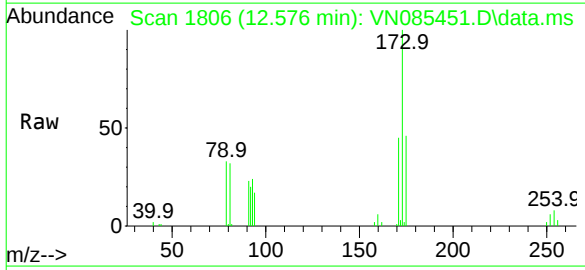
VN0115WBSD01

Tgt Ion:	173	Resp:	34000
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

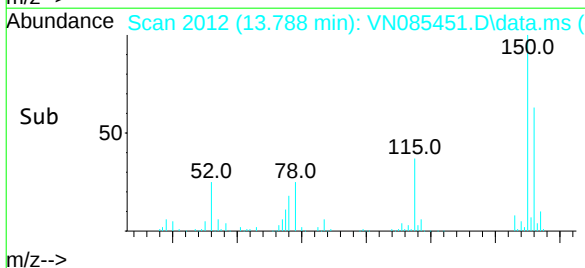
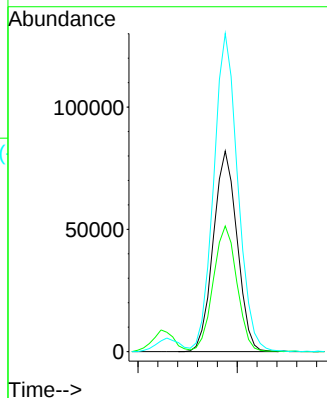
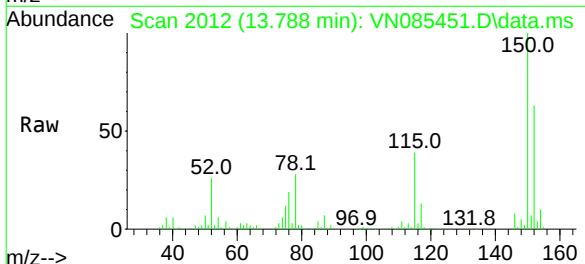
RT: 13.788 min Scan# 2012

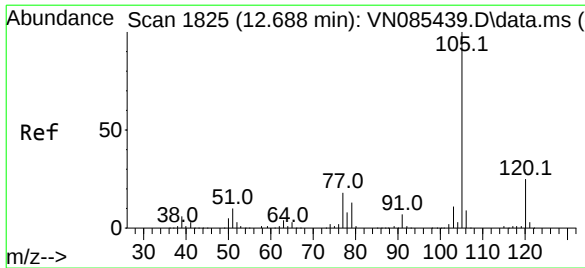
Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Tgt Ion:	152	Resp:	136502
Ion Ratio	Lower	Upper	
152	100		
115	62.5	31.1	93.3
150	160.9	0.0	343.6





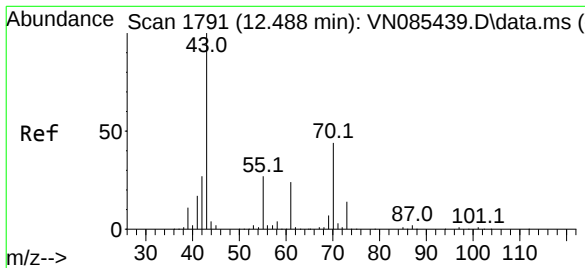
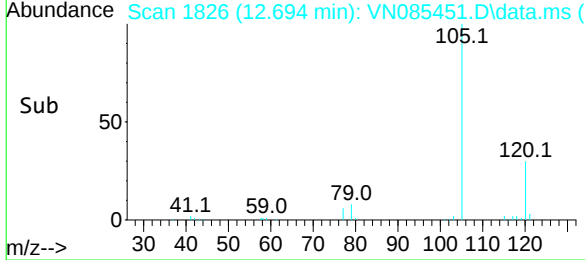
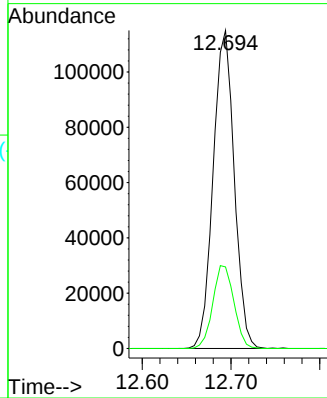
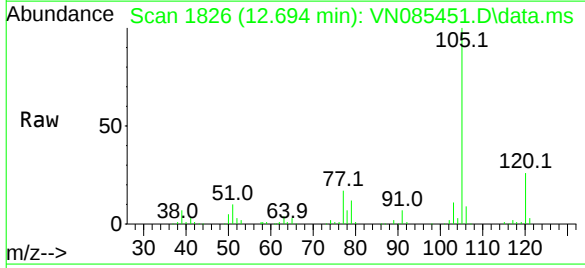
#73
Isopropylbenzene
Concen: 20.582 ug/l
RT: 12.694 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion: 105 Resp: 189617
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.3

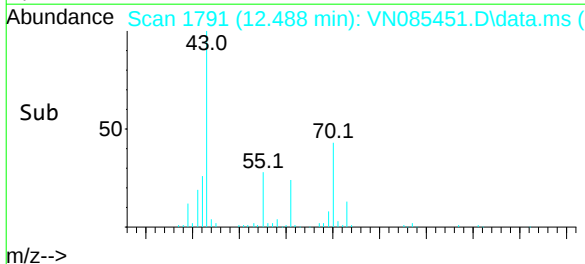
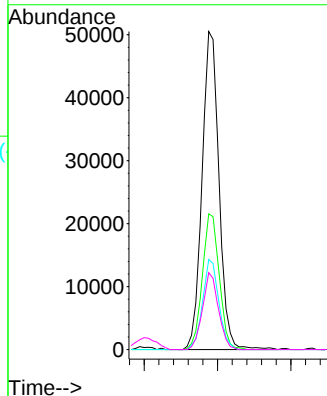
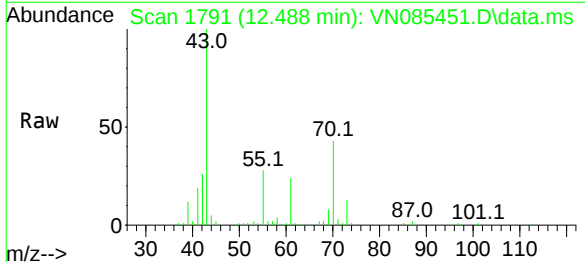
Manual Integrations
APPROVED

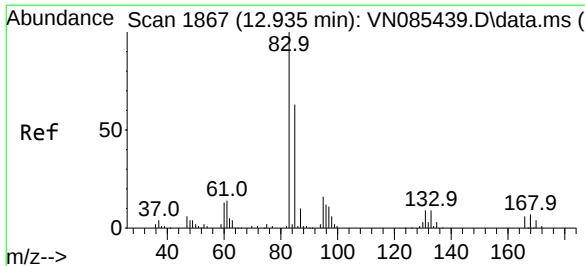
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#74
N-ethyl acetate
Concen: 19.619 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion: 43 Resp: 81241
Ion Ratio Lower Upper
43 100
70 42.3 34.0 51.0
55 26.9 21.4 32.2
61 22.6 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.012 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

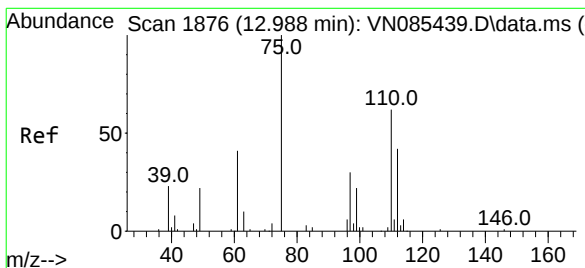
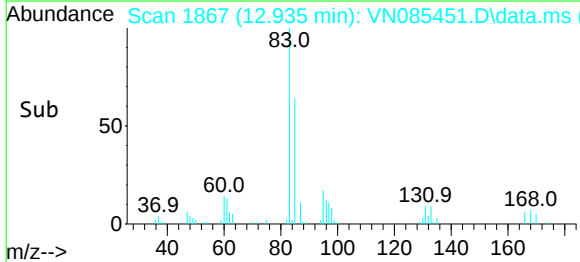
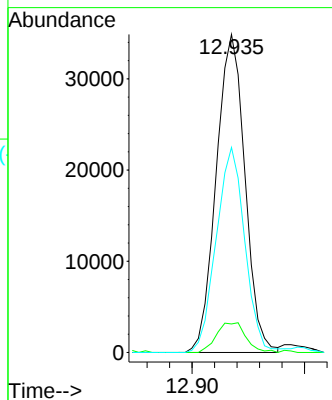
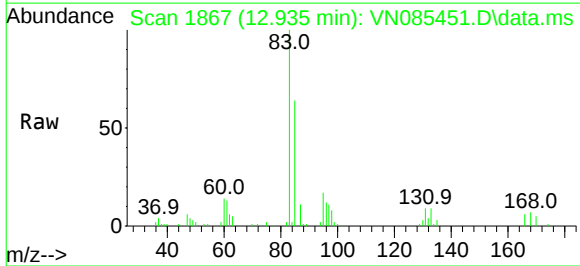
VN0115WBSD01

Tgt Ion:	83	Resp:	61871
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.4
85	63.9	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#76

1,2,3-Trichloropropane

Concen: 20.404 ug/l m

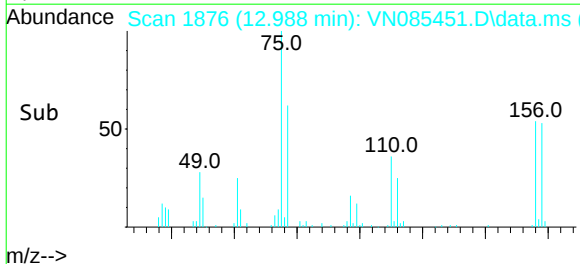
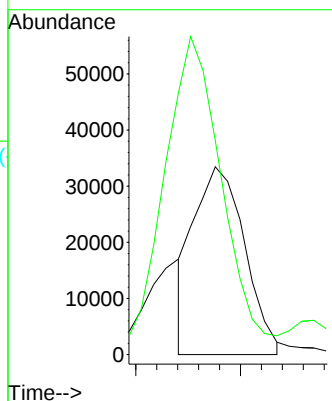
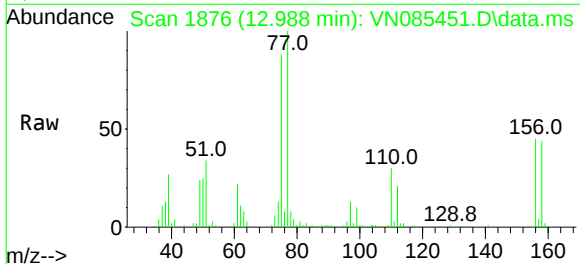
RT: 12.988 min Scan# 1876

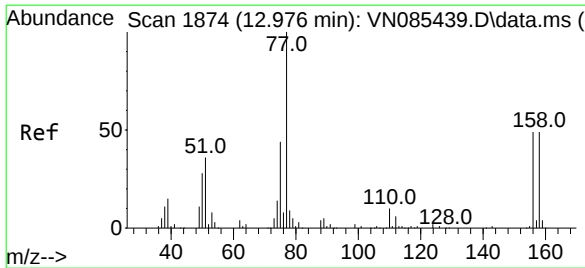
Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Tgt Ion:	75	Resp:	56609
Ion	Ratio	Lower	Upper
75	100		
77	193.4	109.7	329.2





#77

Bromobenzene

Concen: 20.145 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

Tgt Ion:156 Resp: 48489

Ion Ratio Lower Upper

156 100

77 225.8 114.1 342.4

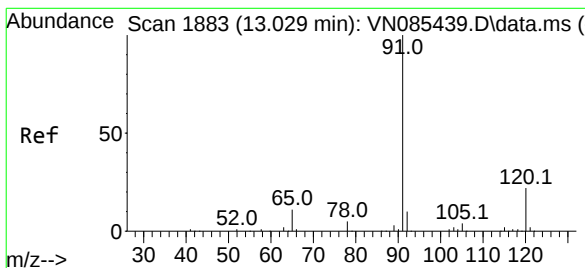
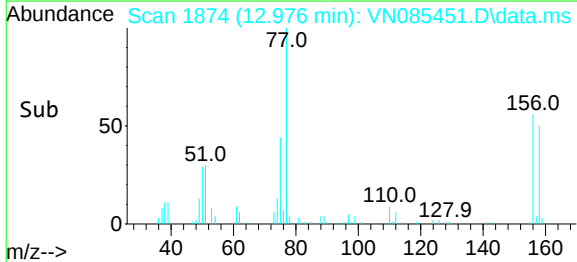
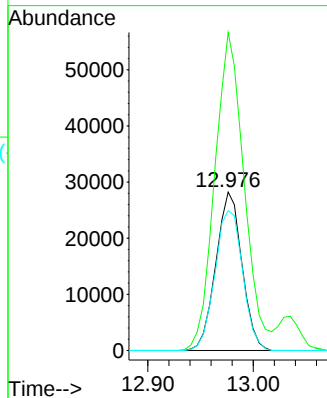
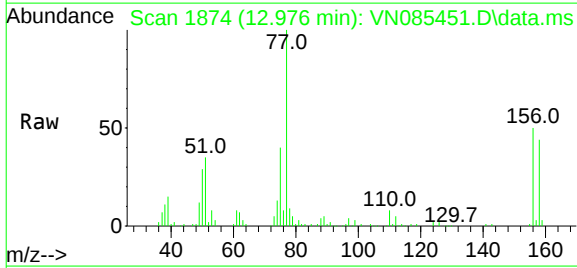
158 94.1 48.9 146.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#78

n-propylbenzene

Concen: 20.981 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.006 min

Lab File: VN085451.D

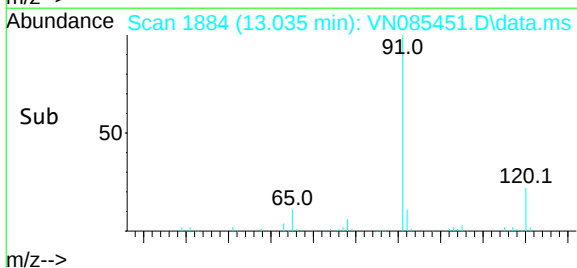
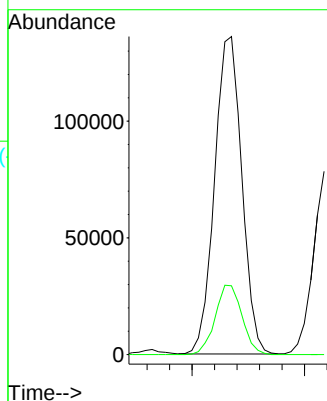
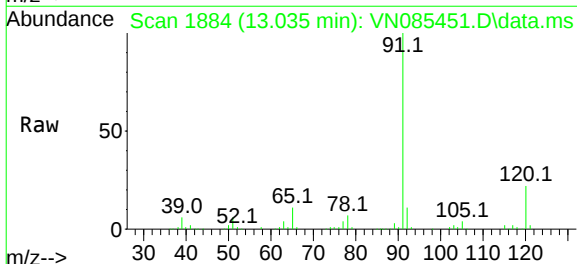
Acq: 15 Jan 2025 11:02

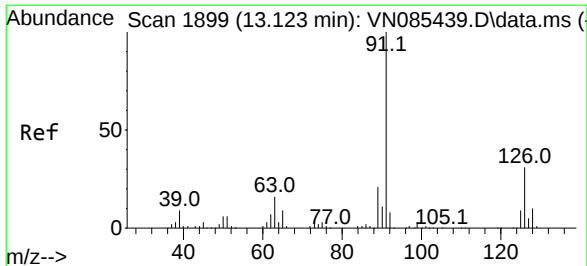
Tgt Ion: 91 Resp: 228827

Ion Ratio Lower Upper

91 100

120 21.5 10.9 32.6





#79

2-Chlorotoluene

Concen: 20.272 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBSD01

Tgt Ion: 91 Resp: 143092

Ion Ratio Lower Upper

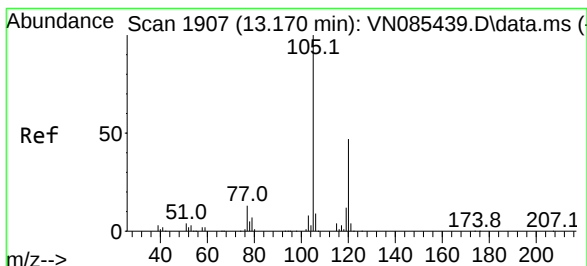
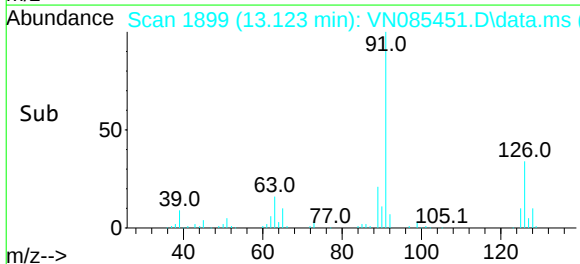
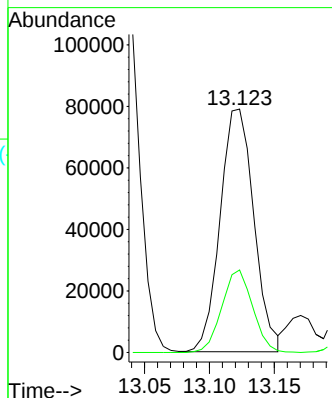
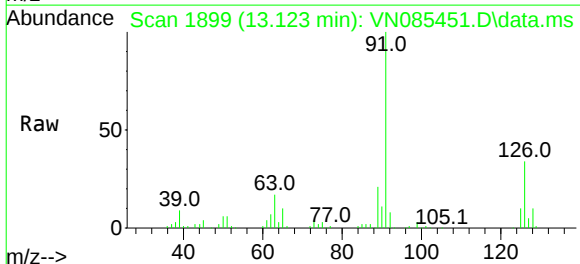
91 100

126 31.0 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#80

1,3,5-Trimethylbenzene

Concen: 21.445 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085451.D

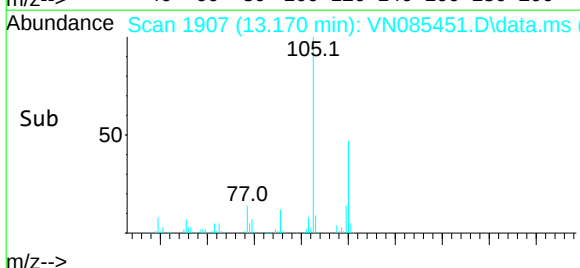
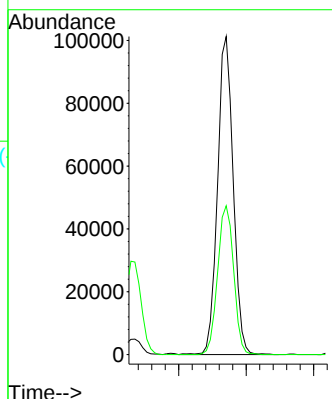
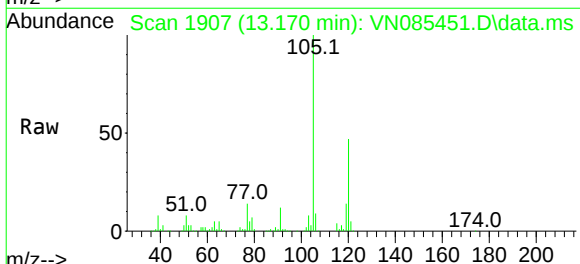
Acq: 15 Jan 2025 11:02

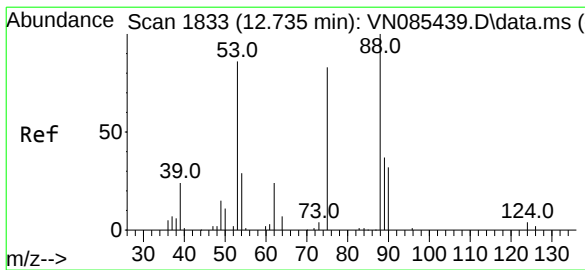
Tgt Ion:105 Resp: 163195

Ion Ratio Lower Upper

105 100

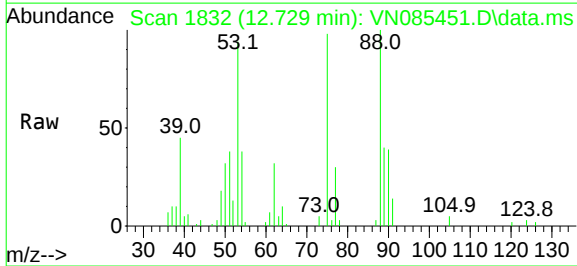
120 47.8 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.614 ug/l m
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

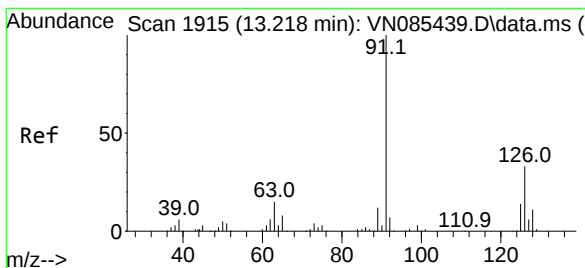
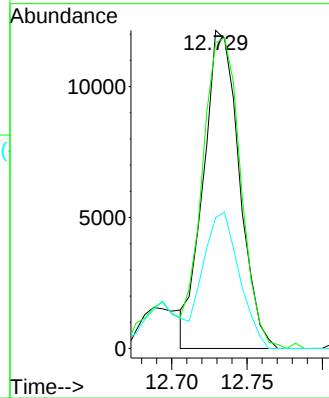
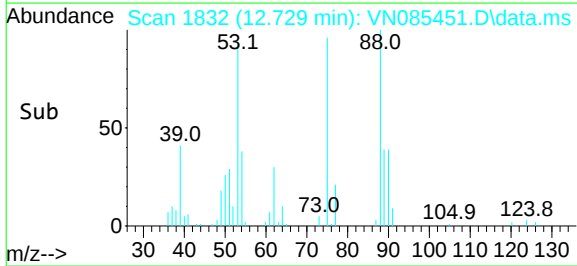
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01



Tgt Ion: 75 Resp: 20113
Ion Ratio Lower Upper
75 100
53 104.2 95.6 143.4
89 42.6 37.0 55.6

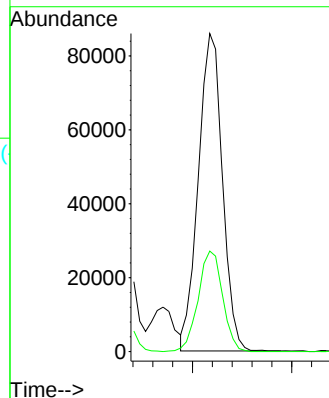
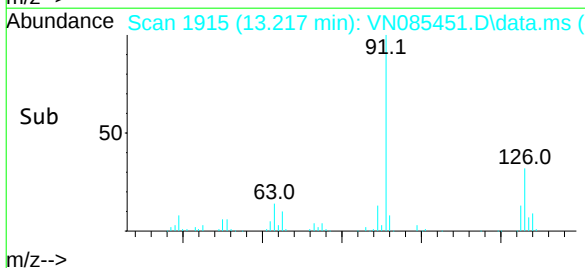
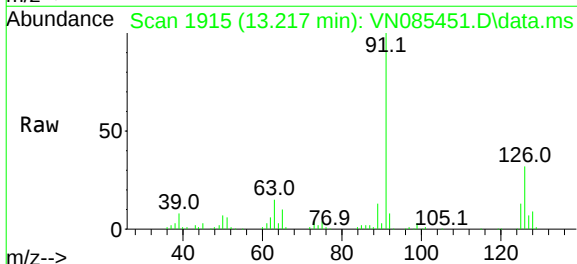
Manual Integrations
APPROVED

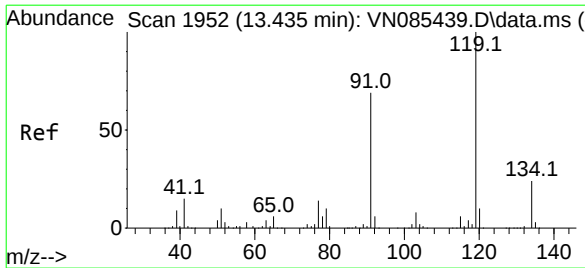
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#82
4-Chlorotoluene
Concen: 20.562 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion: 91 Resp: 144513
Ion Ratio Lower Upper
91 100
126 32.2 15.9 47.7





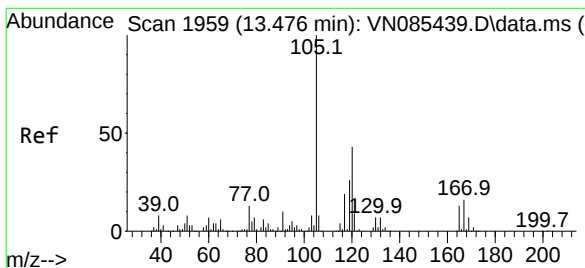
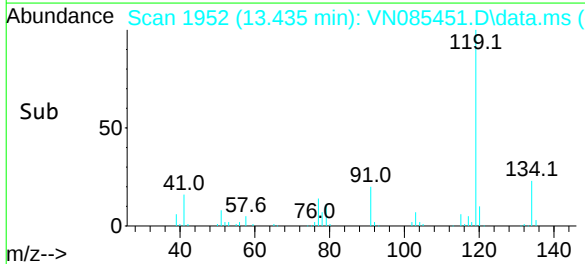
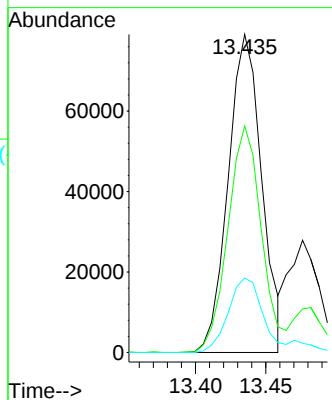
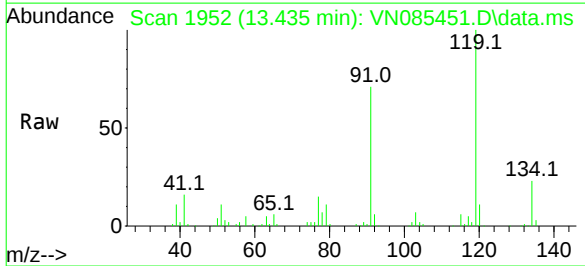
#83
tert-Butylbenzene
Concen: 20.501 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion:119 Resp: 131013
Ion Ratio Lower Upper
119 100
91 71.6 35.1 105.3
134 24.0 12.0 36.1

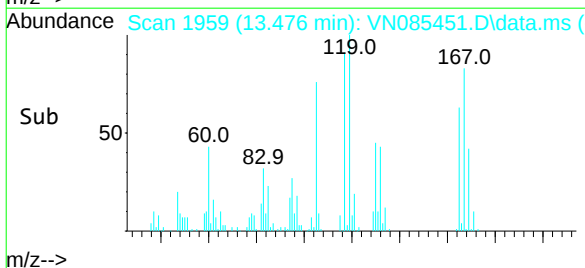
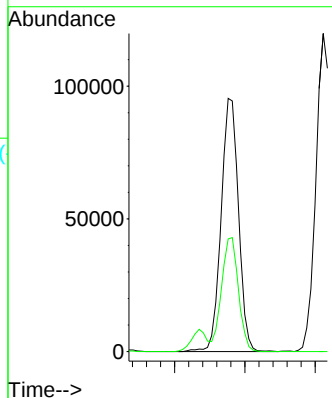
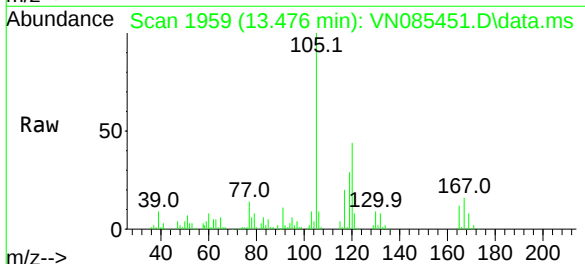
Manual Integrations
APPROVED

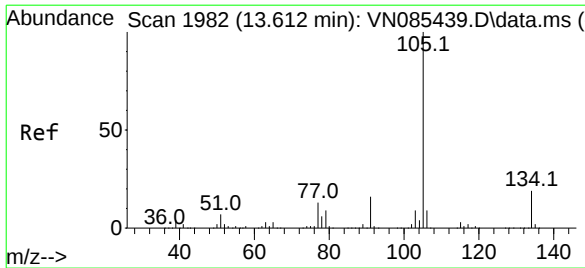
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#84
1,2,4-Trimethylbenzene
Concen: 21.634 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

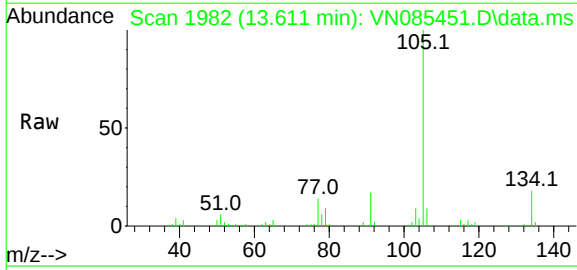
Tgt Ion:105 Resp: 164079
Ion Ratio Lower Upper
105 100
120 43.3 21.6 65.0





#85
sec-Butylbenzene
Concen: 21.398 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.001 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

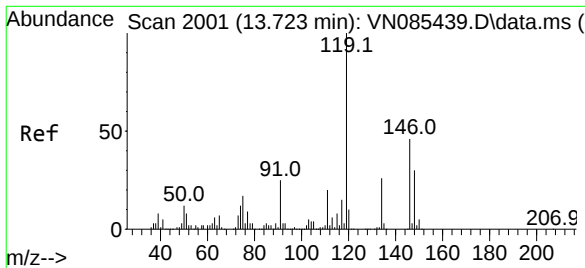
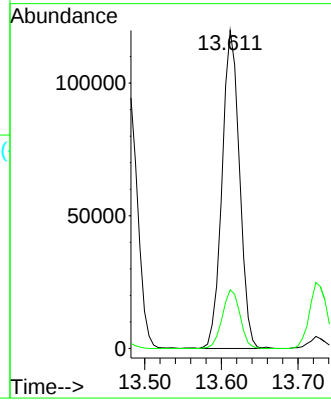
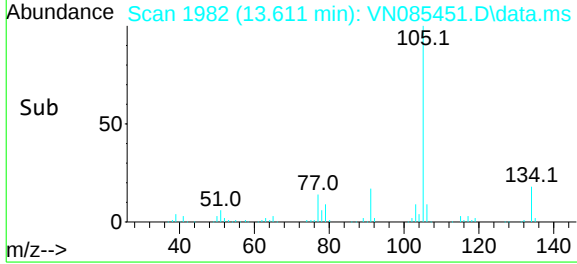
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01



Tgt Ion:105 Resp: 189519
Ion Ratio Lower Upper
105 100
134 18.7 9.7 28.9

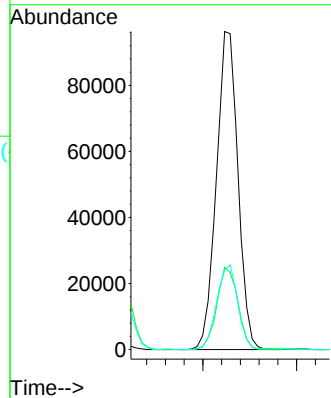
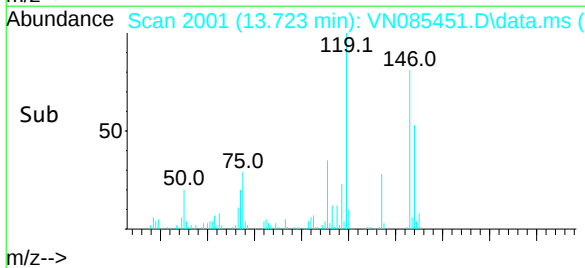
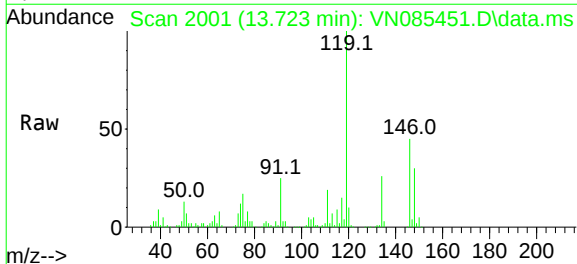
Manual Integrations
APPROVED

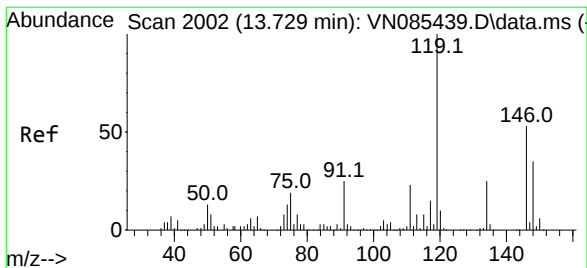
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#86
p-Isopropyltoluene
Concen: 20.798 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion:119 Resp: 153867
Ion Ratio Lower Upper
119 100
134 25.3 12.7 38.0
91 26.0 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 20.107 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

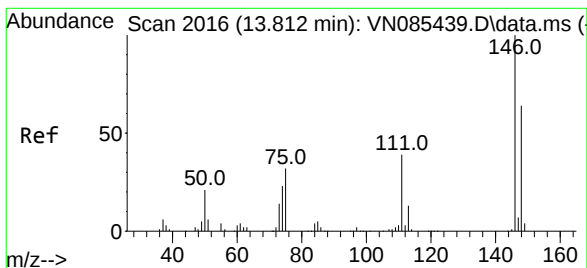
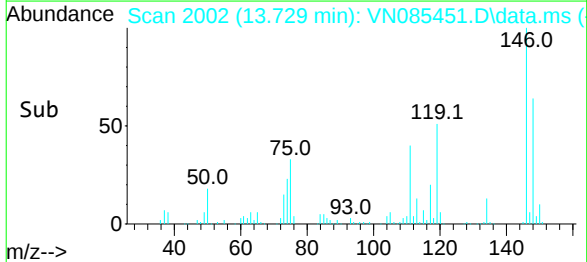
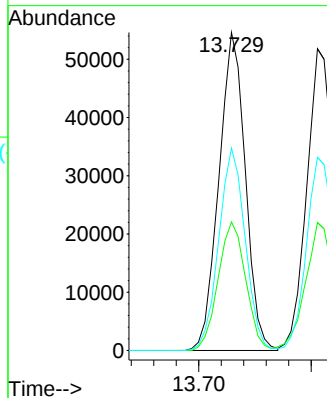
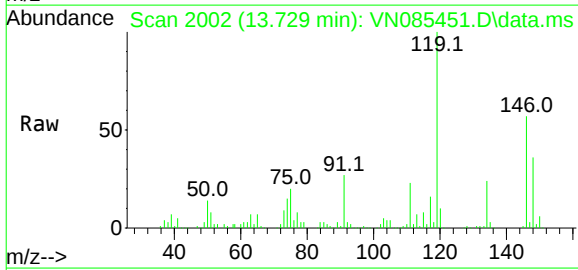
VN0115WBSD01

Tgt Ion:	146	Resp:	89126
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.4	64.3
148	63.8	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#88

1,4-Dichlorobenzene

Concen: 19.057 ug/l

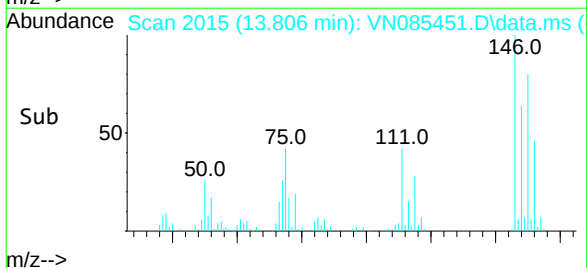
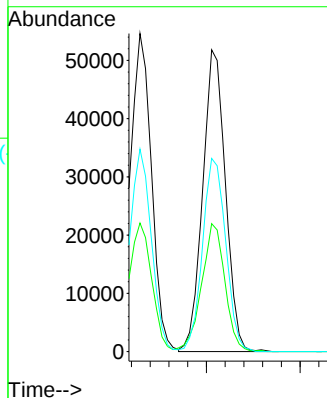
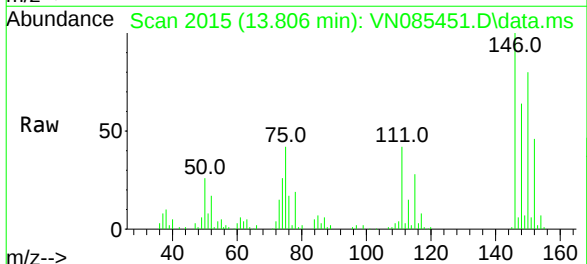
RT: 13.806 min Scan# 2015

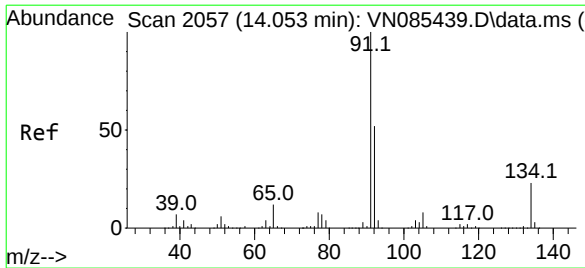
Delta R.T. -0.006 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Tgt Ion:	146	Resp:	87559
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.3	63.7
148	65.5	32.4	97.0





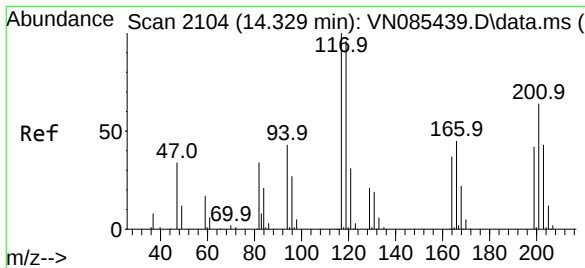
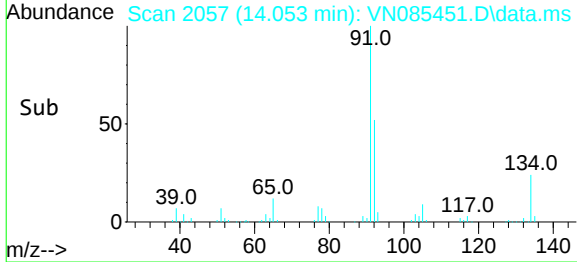
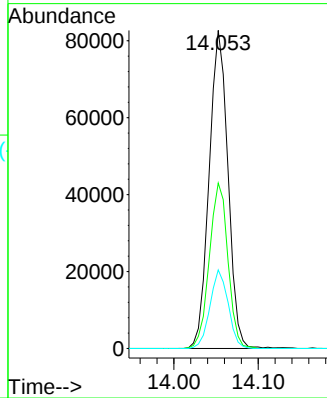
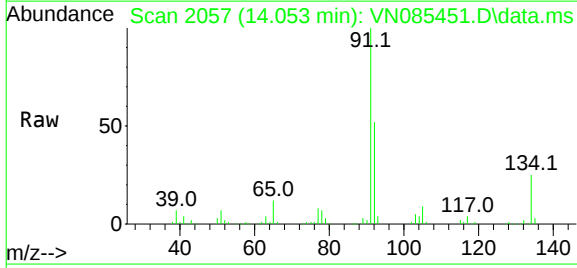
#89
n-Butylbenzene
Concen: 20.183 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01

Tgt Ion: 91 Resp: 128246
Ion Ratio Lower Upper
91 100
92 51.4 25.8 77.3
134 23.8 11.7 35.1

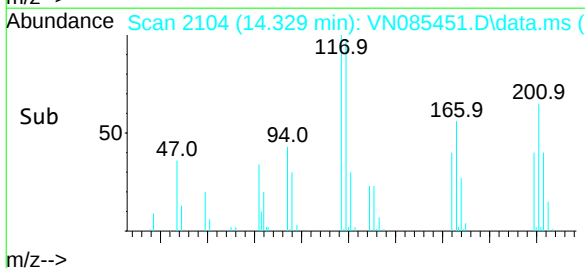
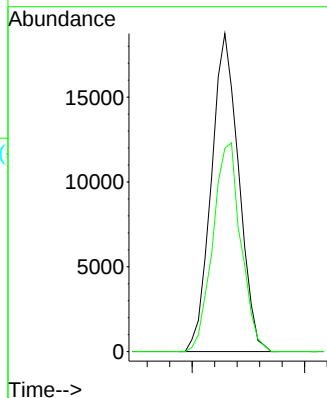
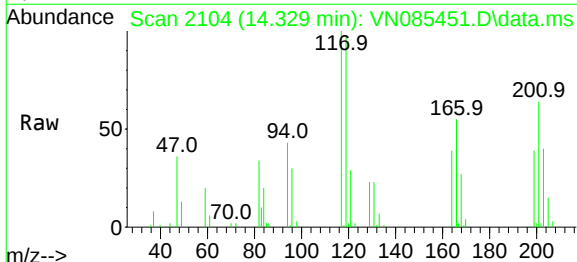
Manual Integrations
APPROVED

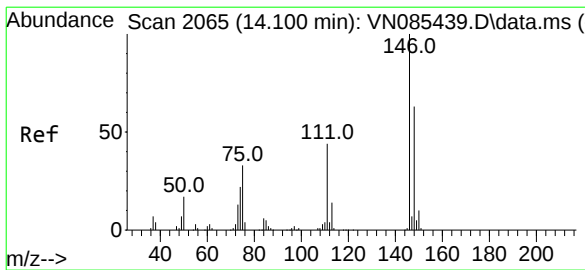
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#90
Hexachloroethane
Concen: 18.820 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

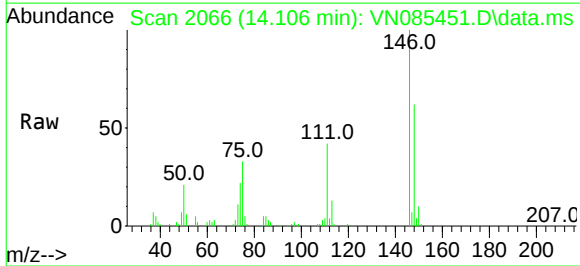
Tgt Ion:117 Resp: 31733
Ion Ratio Lower Upper
117 100
201 67.1 33.7 101.0





#91
1,2-Dichlorobenzene
Concen: 18.967 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

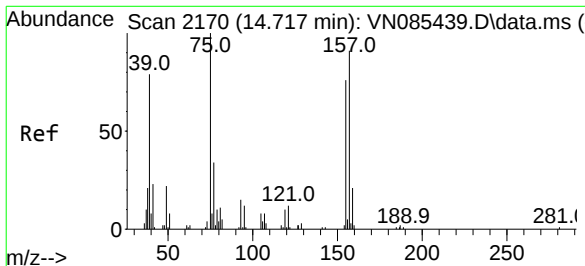
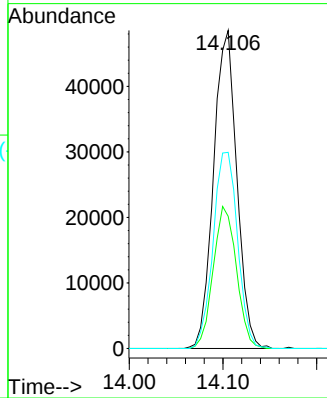
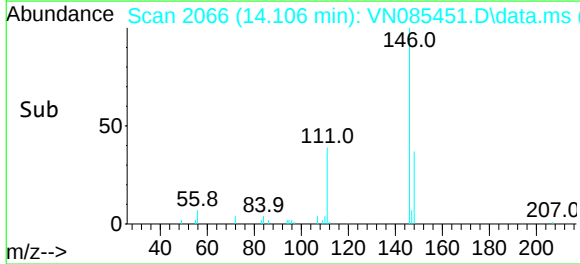
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBSD01



Tgt Ion:146 Resp: 83864
Ion Ratio Lower Upper
146 100
111 44.6 21.7 65.1
148 64.9 31.4 94.2

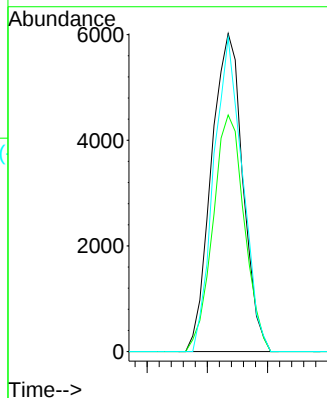
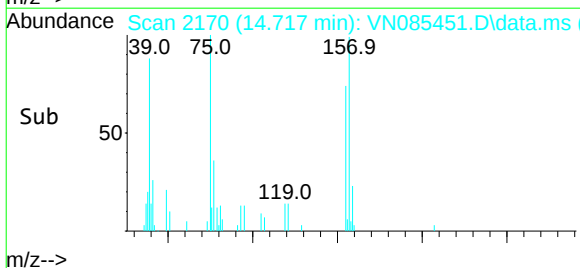
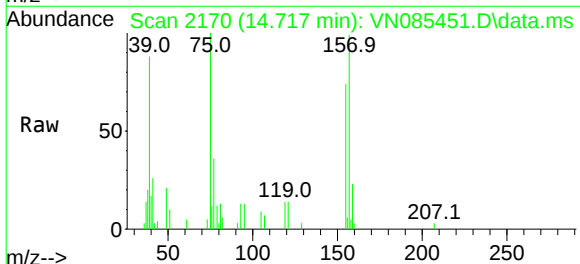
Manual Integrations
APPROVED

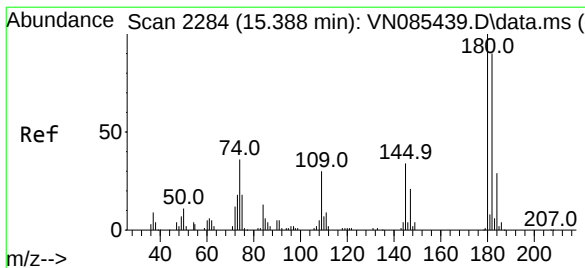
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.416 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085451.D
Acq: 15 Jan 2025 11:02

Tgt Ion: 75 Resp: 10944
Ion Ratio Lower Upper
75 100
155 74.0 36.4 109.2
157 90.2 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 19.248 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Instrument :

MSVOA_N

ClientSampleId :

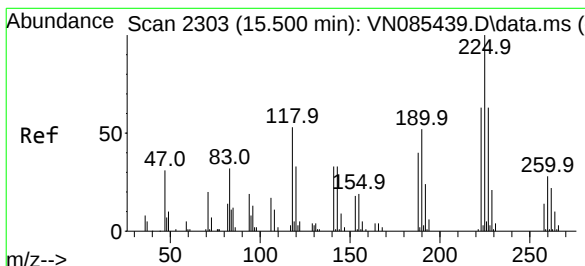
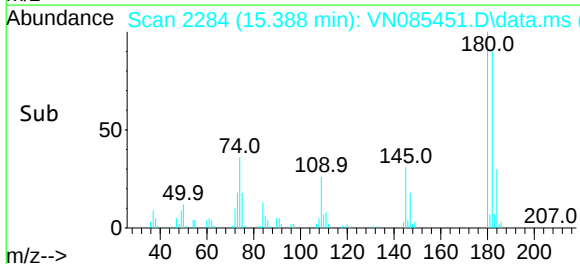
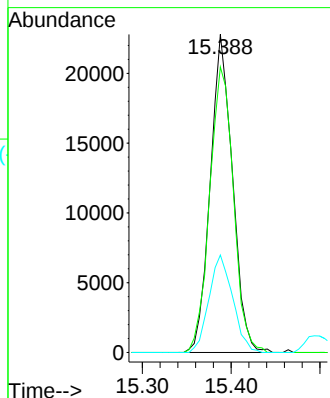
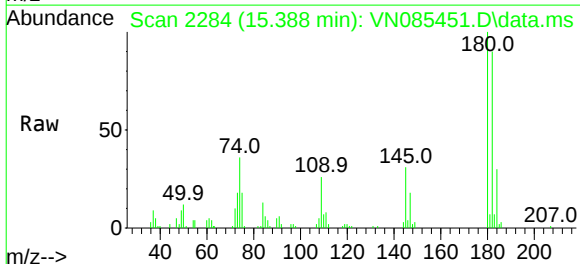
VN0115WBSD01

Tgt Ion:	180	Resp:	39555
Ion Ratio	Lower	Upper	
180	100		
182	96.1	46.8	140.3
145	32.8	16.0	48.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#94

Hexachlorobutadiene

Concen: 18.872 ug/l

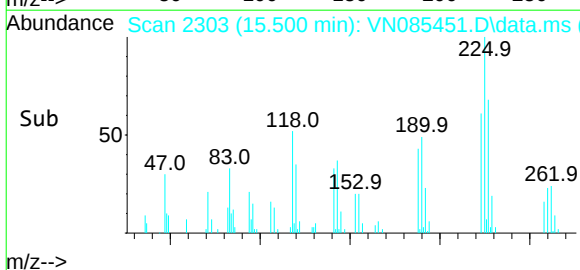
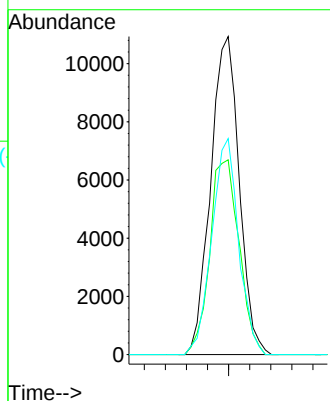
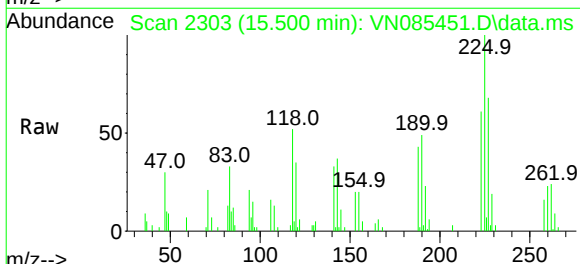
RT: 15.500 min Scan# 2303

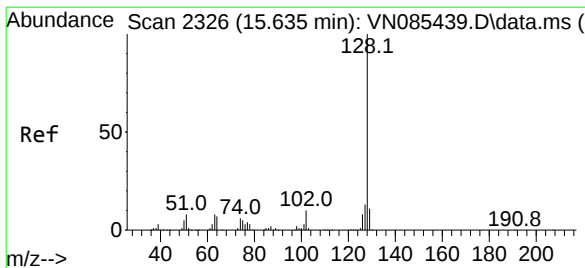
Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Tgt Ion:	225	Resp:	20590
Ion Ratio	Lower	Upper	
225	100		
223	62.9	30.7	92.1
227	63.8	30.9	92.5





#95

Naphthalene

Concen: 17.334 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Instrument :

MSVOA_N

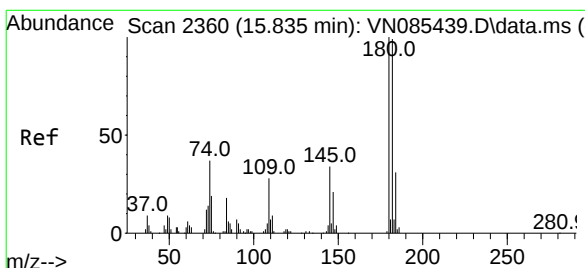
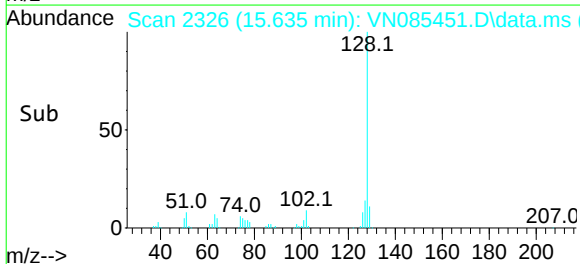
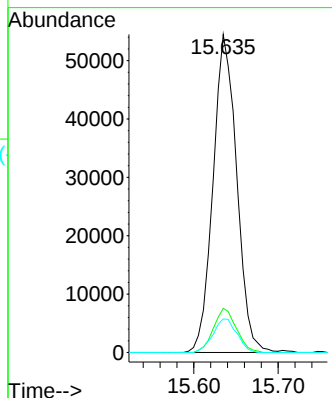
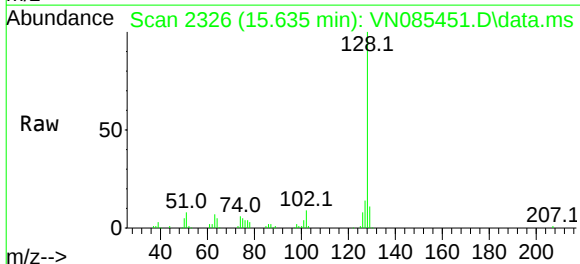
ClientSampleId :

VN0115WBSD01

Tgt Ion:	128	Resp:	106293
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	10.7	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.221 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085451.D

Acq: 15 Jan 2025 11:02

Tgt Ion:	180	Resp:	39966
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.4	142.2
145	33.9	16.9	50.7

