

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012125\
 Data File : VV038479.D
 Acq On : 21 Jan 2025 13:30
 Operator : SY/MD
 Sample : MDL04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

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

Quant Time: Jan 22 02:54:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:52:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	233471	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	246404	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	101243	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	79429	4.125	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.532	69	71640	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.056	65	36282	4.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	3.818	46	173488m	42.842	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.680%
24) Chloroform-d	4.239	84	157009	4.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	4.937	65	73756	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	4.953	84	298908	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	5.982	67	98083	4.755	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.236	98	238493	3.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	7.554	79	28819	3.819	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.024	63	99891	33.555	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.100%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	70584	4.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	11.551	152	84069	4.906	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.105	85	5051	0.193	ug/L	100
5) Vinyl chloride	1.281	62	5698	0.211	ug/L #	67
6) Bromomethane	1.487	94	3003	0.222	ug/L	84
8) Chloroethane	1.548	64	5724m	0.353	ug/L	
9) Trichlorofluoromethane	1.712	101	6696	0.195	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	4964	0.252	ug/L #	86
12) 1,1-Dichloroethene	2.066	96	4540	0.235	ug/L #	1
14) Carbon disulfide	2.240	76	13015	0.200	ug/L	97
15) Methyl Acetate	2.429	43	2245m	0.279	ug/L	
16) Methylene chloride	2.445	84	4975	0.232	ug/L	91
17) Methyl tert-butyl Ether	2.706	73	6717	0.165	ug/L #	93
18) trans-1,2-Dichloroethene	2.696	96	4138	0.208	ug/L	83
19) 1,1-Dichloroethane	3.108	63	6882	0.182	ug/L	100
21) 2-Butanone	3.937	43	9461m	2.117	ug/L	
22) cis-1,2-Dichloroethene	3.821	96	3708	0.183	ug/L	95
23) Bromochloromethane	4.172	128	1595m	0.173	ug/L	
25) Chloroform	4.268	83	8791m	0.235	ug/L	
27) 1,2-Dichloroethane	5.066	62	4246	0.204	ug/L #	90
29) 1,1,1-Trichloroethane	4.503	97	6218	0.190	ug/L	91

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Quant Time: Jan 22 02:54:27 2025
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.571	56	5451	0.183	ug/L #	84
31) Carbon tetrachloride	4.731	117	5189	0.179	ug/L	94
33) Benzene	5.011	78	14564m	0.186	ug/L	
34) Trichloroethene	5.850	95	4369	0.215	ug/L	86
35) Methylcyclohexane	6.040	83	6631m	0.214	ug/L	
37) 1,2-Dichloropropane	6.098	63	4074	0.202	ug/L #	92
38) Bromodichloromethane	6.448	83	5056m	0.193	ug/L	
39) cis-1,3-Dichloropropene	6.972	75	5537m	0.199	ug/L	
40) 4-Methyl-2-pentanone	7.169	43	17791m	1.702	ug/L	
42) Toluene	7.323	91	14533m	0.178	ug/L	
44) trans-1,3-Dichloropropene	7.590	75	5417m	0.230	ug/L	
45) 1,1,2-Trichloroethane	7.783	97	2674	0.184	ug/L	90
47) Tetrachloroethene	7.905	164	3068	0.195	ug/L	87
48) 2-Hexanone	8.088	43	41517m	5.484	ug/L	
49) Dibromochloromethane	8.169	129	3026	0.181	ug/L	90
50) 1,2-Dibromoethane	8.288	107	2511	0.186	ug/L #	97
51) Chlorobenzene	8.812	112	9433	0.172	ug/L	92
52) Ethylbenzene	8.950	91	14386	0.164	ug/L	95
53) m,p-Xylene	9.078	106	5189	0.156	ug/L	89
54) o-Xylene	9.480	106	4600	0.145	ug/L	78
55) Styrene	9.513	104	7901m	0.143	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.172	83	3338	0.189	ug/L #	95
59) Bromoform	9.670	173	1428	0.202	ug/L #	93
60) Isopropylbenzene	9.863	105	12211	0.179	ug/L #	97
61) 1,2,3-Trichloropropane	10.207	75	2158m	0.222	ug/L	
62) 1,3,5-Trimethylbenzene	10.474	105	8521	0.160	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	7952	0.149	ug/L	97
64) 1,3-Dichlorobenzene	11.123	146	6764	0.200	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	7056	0.202	ug/L	93
67) 1,2-Dichlorobenzene	11.574	146	7131	0.225	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	3991	0.172	ug/L	96
70) 1,2,4-trichlorobenzene	13.210	180	2685	0.155	ug/L #	95
71) Naphthalene	13.458	128	4171m	0.163	ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	2516	0.168	ug/L #	78

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

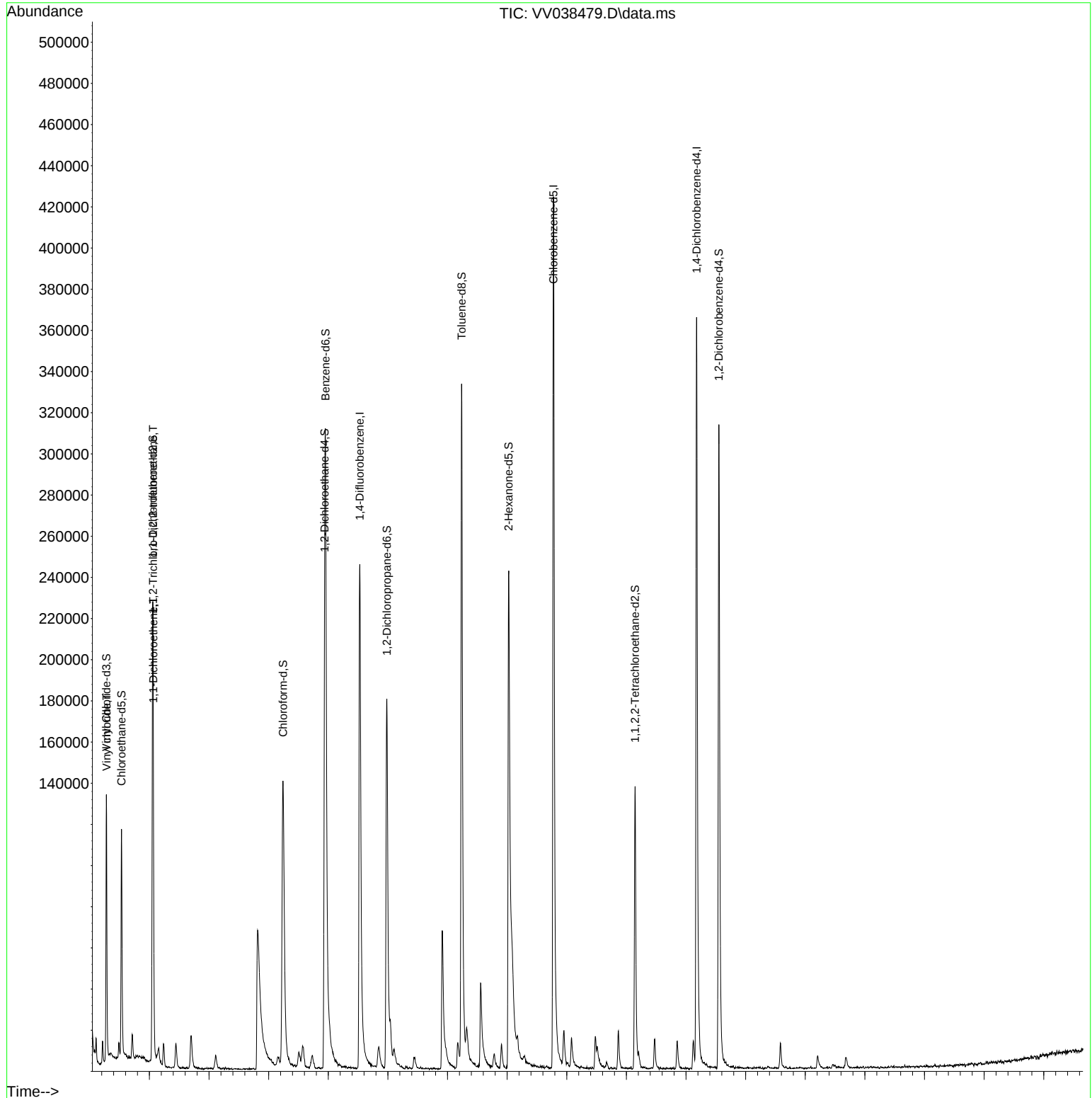
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ALS Vial : 8 Sample Multiplier: 1

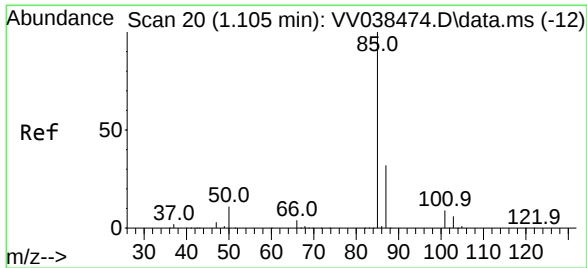
Instrument :
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ClientSampleId :
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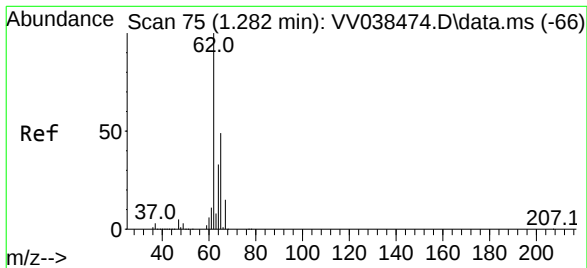
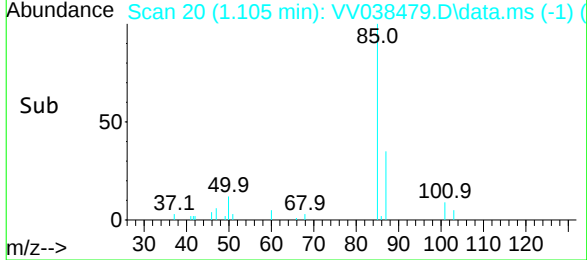
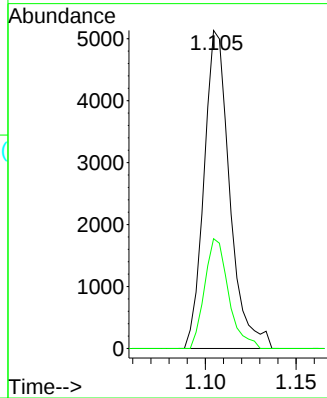
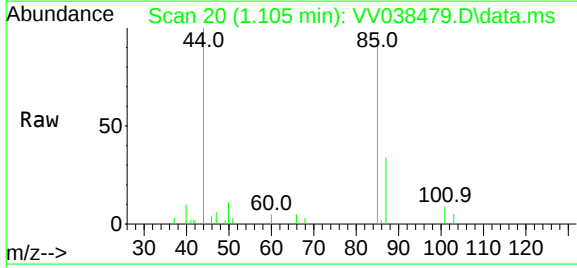
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Dichlorodifluoromethane
Concen: 0.193 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	26.0	39.0

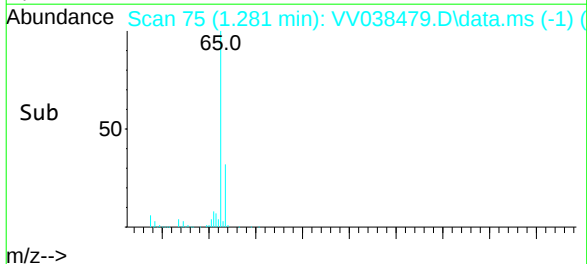
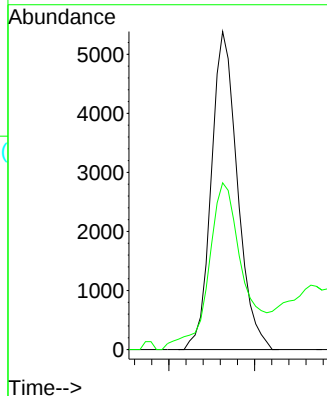
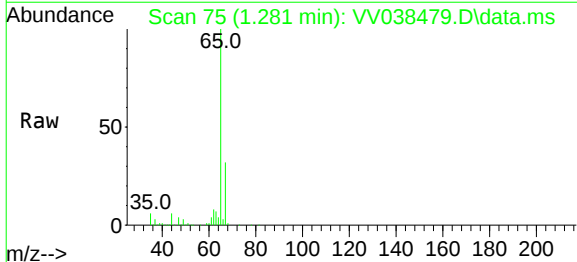
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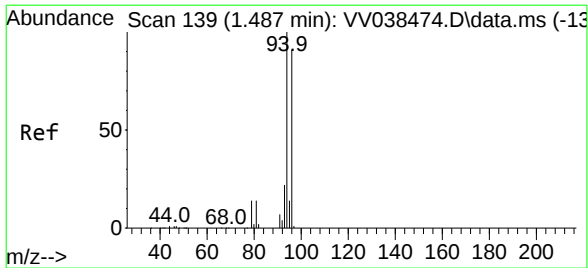
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#5
Vinyl chloride
Concen: 0.211 ug/L
RT: 1.281 min Scan# 75
Delta R.T. -0.000 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

Tgt Ion	Ratio	Lower	Upper
62	100		
64	52.4	23.5	43.7





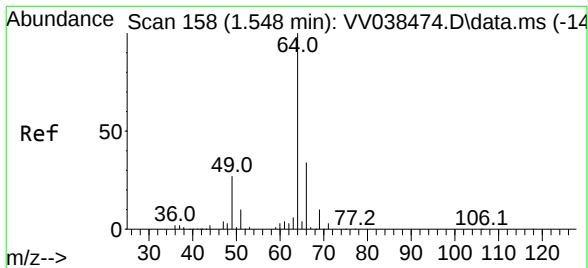
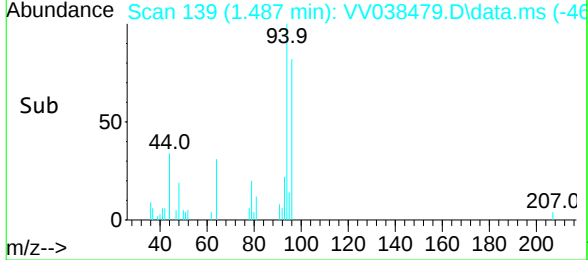
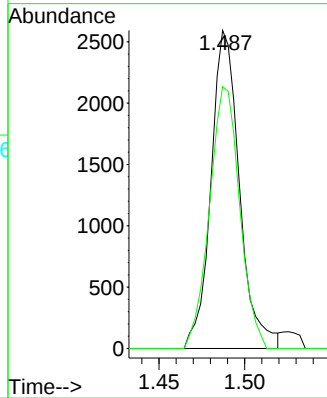
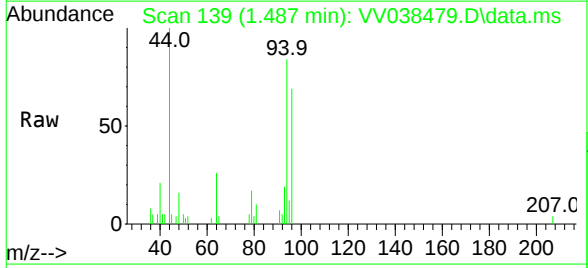
#6
Bromomethane
Concen: 0.222 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.000 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 94 Resp: 3003
Ion Ratio Lower Upper
94 100
96 82.3 68.9 127.9

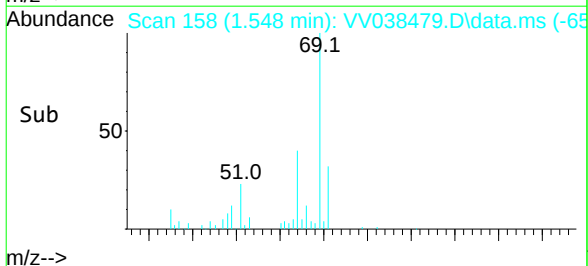
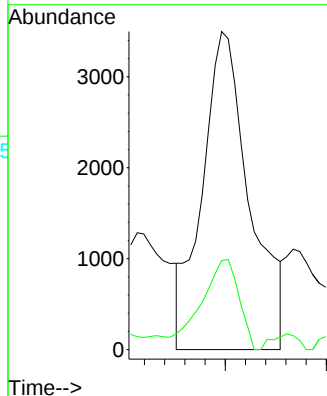
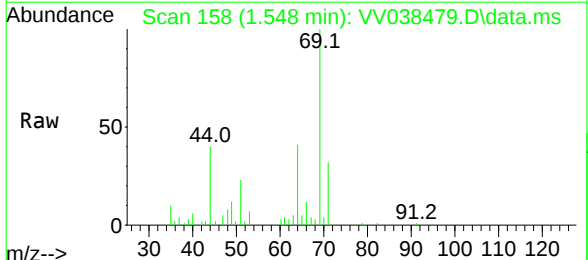
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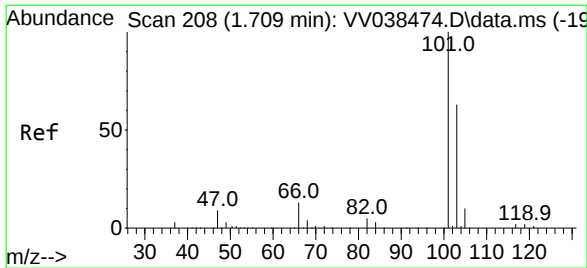
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#8
Chloroethane
Concen: 0.353 ug/L m
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

Tgt Ion: 64 Resp: 5724
Ion Ratio Lower Upper
64 100
66 28.0 22.7 42.1





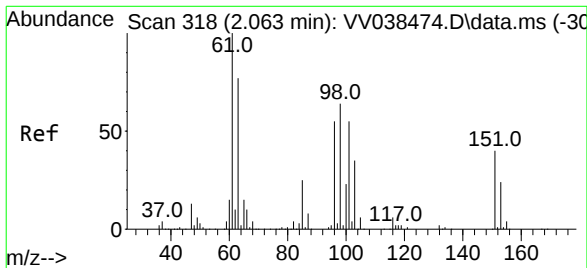
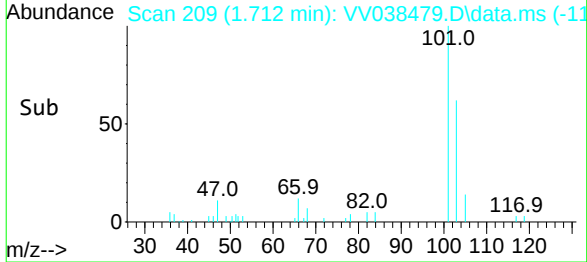
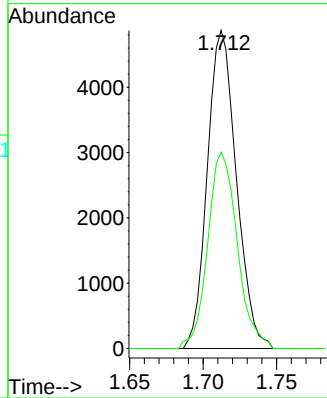
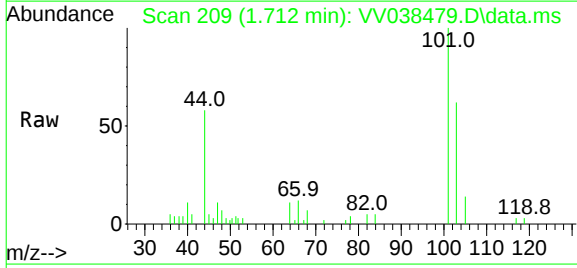
#9
Trichlorofluoromethane
Concen: 0.195 ug/L
RT: 1.712 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:101 Resp: 6696
Ion Ratio Lower Upper
101 100
103 62.8 51.5 77.3

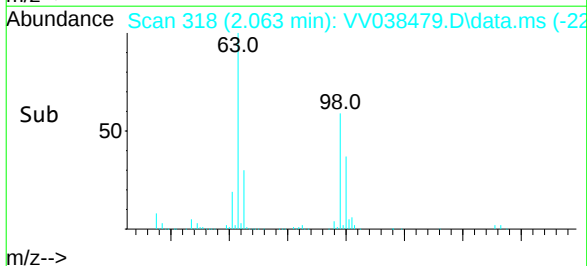
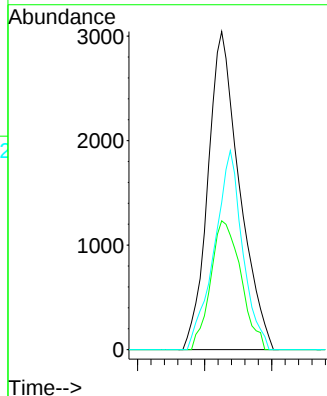
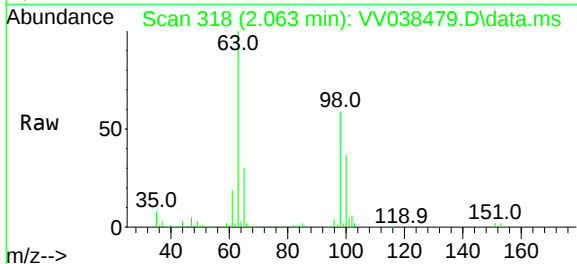
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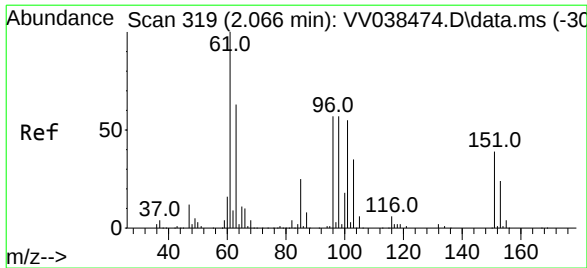
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.252 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

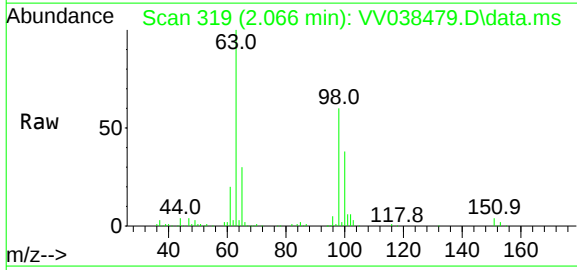
Tgt Ion:101 Resp: 4964
Ion Ratio Lower Upper
101 100
85 39.0 35.2 52.8
151 56.0 56.6 85.0#





#12
1,1-Dichloroethene
Concen: 0.235 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

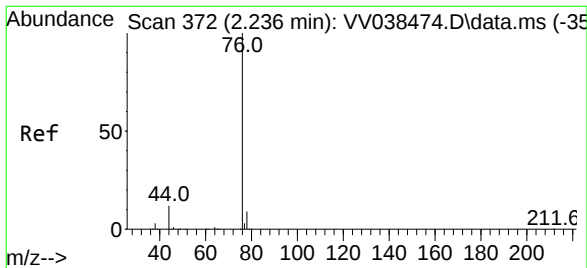
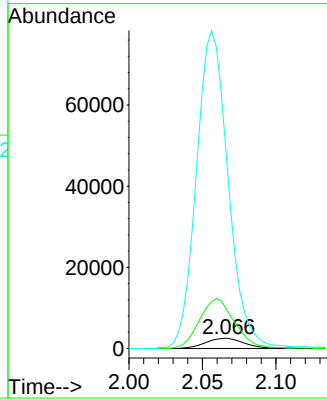
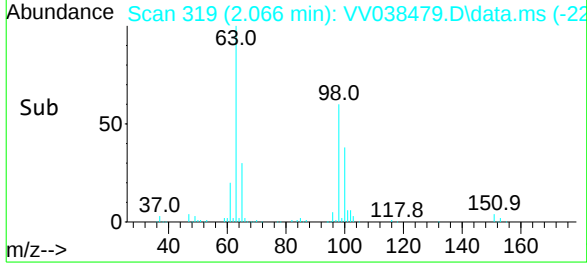
Instrument : MSVOA_V
ClientSampleId : MDL04



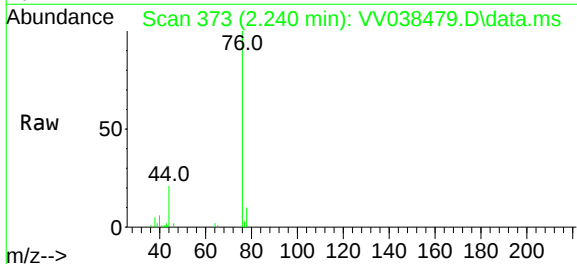
Tgt Ion: 96 Resp: 4540
Ion Ratio Lower Upper
96 100
61 392.5 122.2 227.0
63 1930.5 86.2 160.0

Manual Integrations
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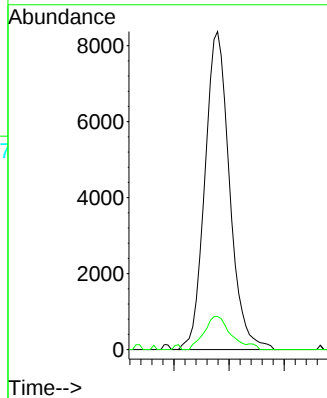
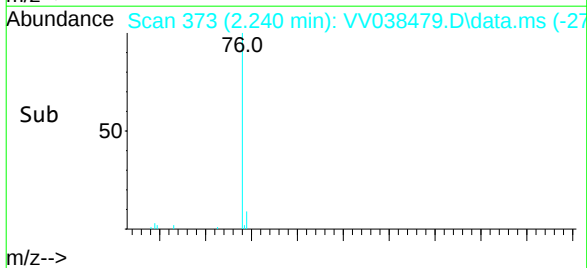
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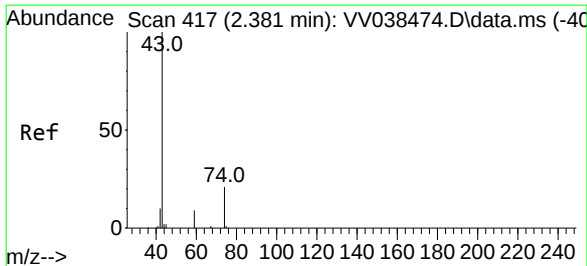


#14
Carbon disulfide
Concen: 0.200 ug/L
RT: 2.240 min Scan# 373
Delta R.T. 0.003 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30



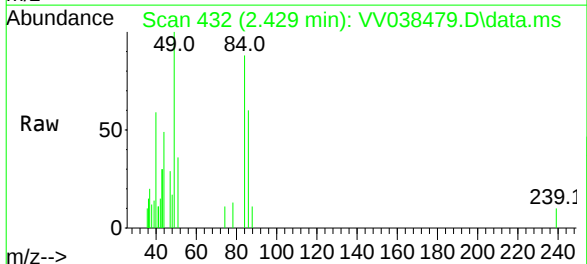
Tgt Ion: 76 Resp: 13015
Ion Ratio Lower Upper
76 100
78 10.4 7.6 11.4





#15
Methyl Acetate
Concen: 0.279 ug/L m
RT: 2.429 min Scan# 43
Delta R.T. 0.048 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

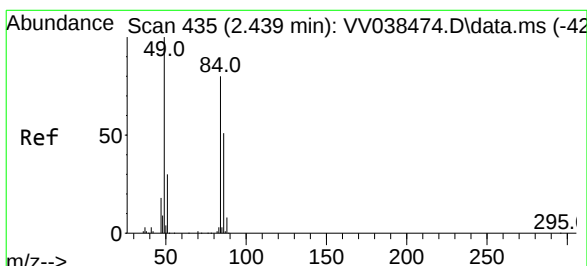
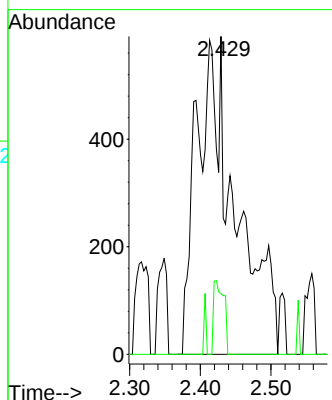
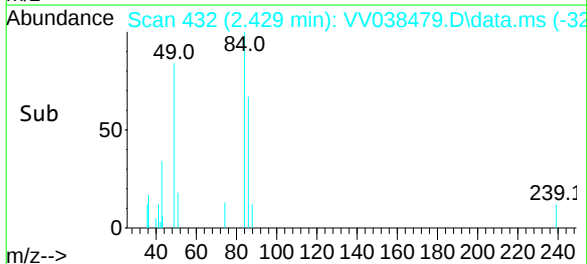
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Tgt Ion: 43 Resp: 2245
Ion Ratio Lower Upper
43 100
74 0.0 20.4 30.6#

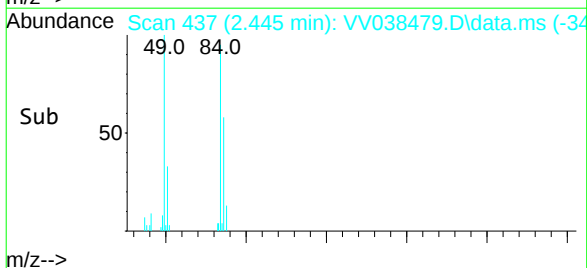
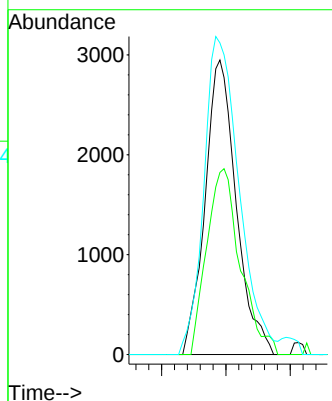
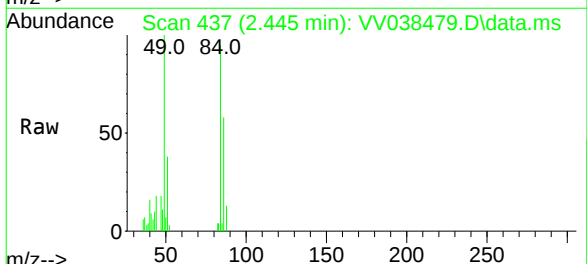
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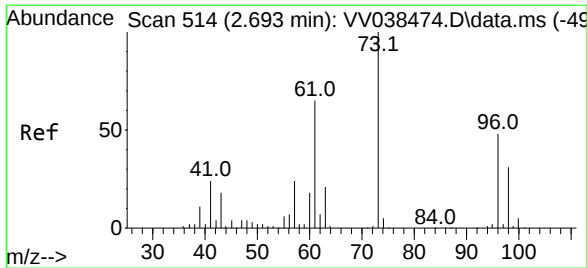
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#16
Methylene chloride
Concen: 0.232 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.006 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

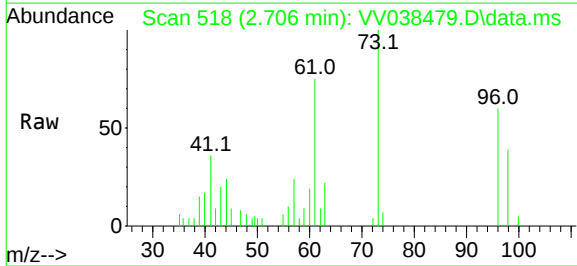
Tgt Ion: 84 Resp: 4975
Ion Ratio Lower Upper
84 100
86 61.8 44.7 82.9
49 105.8 84.1 156.1





#17
Methyl tert-butyl Ether
Concen: 0.165 ug/L
RT: 2.706 min Scan# 511
Delta R.T. 0.013 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

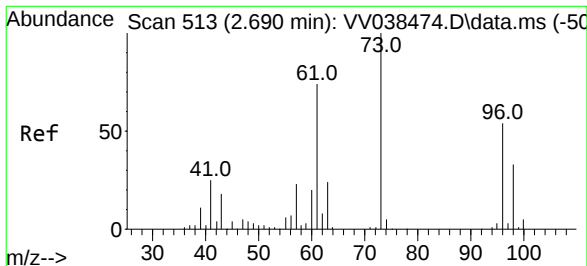
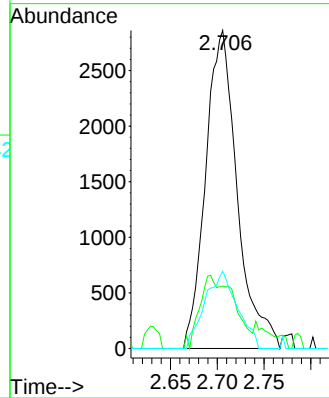
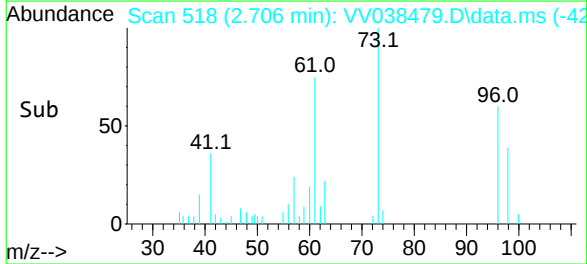
Instrument :
MSVOA_V
ClientSampleId :
MDL04



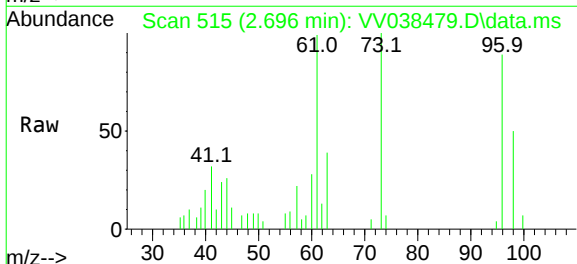
Tgt Ion: 73 Resp: 6717
Ion Ratio Lower Upper
73 100
43 14.0 14.6 21.8#
57 24.9 17.9 26.9

Manual Integrations
APPROVED

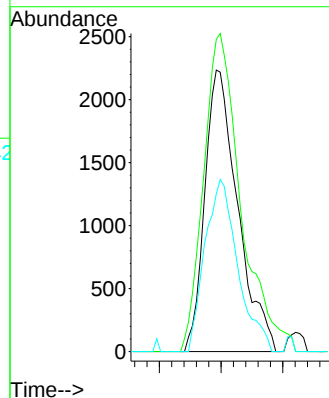
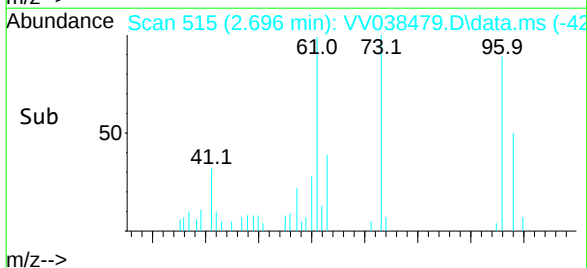
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

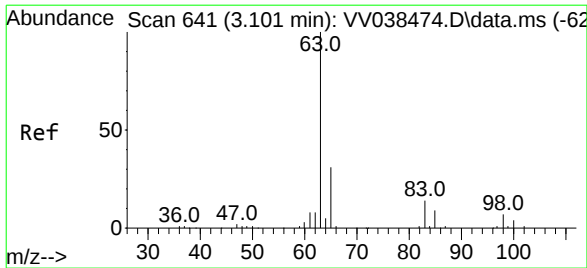


#18
trans-1,2-Dichloroethene
Concen: 0.208 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.006 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30



Tgt Ion: 96 Resp: 4138
Ion Ratio Lower Upper
96 100
61 110.9 94.8 176.2
98 56.0 44.2 82.2





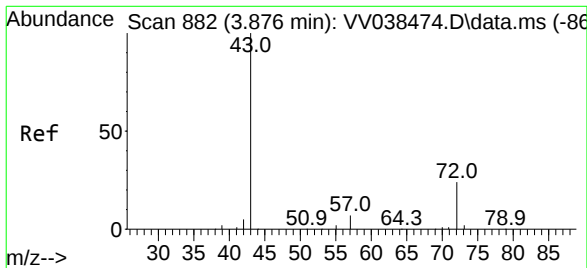
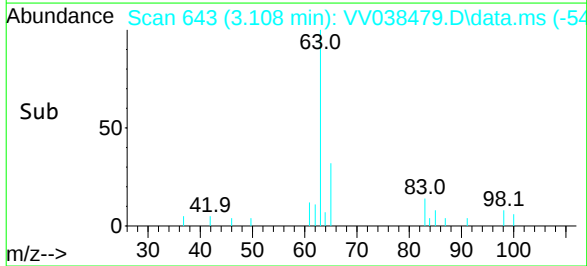
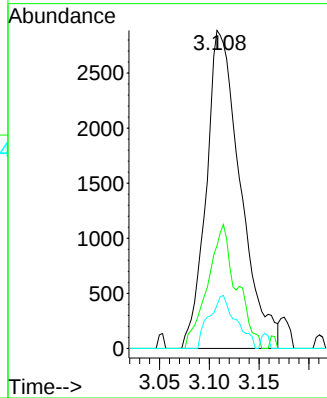
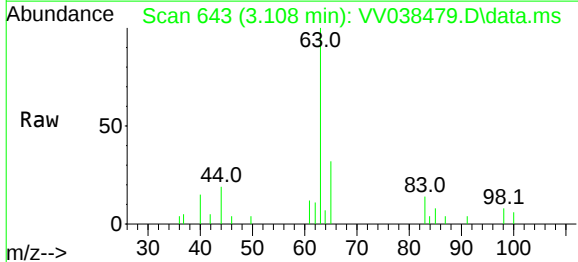
#19
1,1-Dichloroethane
Concen: 0.182 ug/L
RT: 3.108 min Scan# 641
Delta R.T. 0.006 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:	63	Resp:	6882
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.5	41.9
83	13.6	9.4	17.6

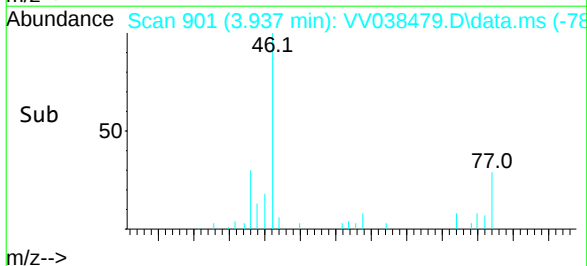
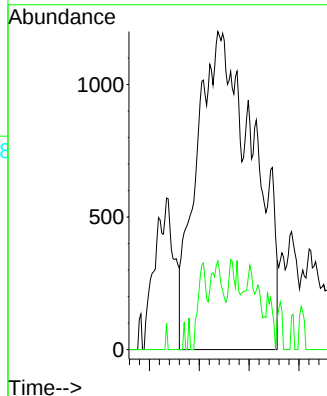
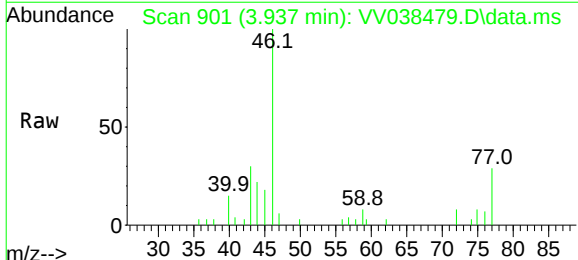
Manual Integrations
APPROVED

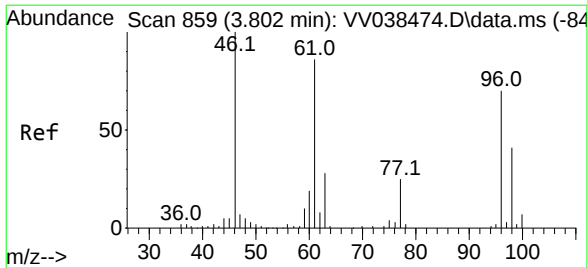
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#21
2-Butanone
Concen: 2.117 ug/L m
RT: 3.937 min Scan# 901
Delta R.T. 0.061 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

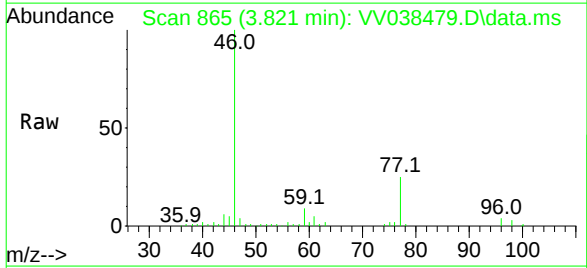
Tgt Ion:	43	Resp:	9461
Ion	Ratio	Lower	Upper
43	100		
72	4.1	12.2	36.4#





#22
 cis-1,2-Dichloroethene
 Concen: 0.183 ug/L
 RT: 3.821 min Scan# 861
 Delta R.T. 0.019 min
 Lab File: VV038479.D
 Acq: 21 Jan 2025 13:30

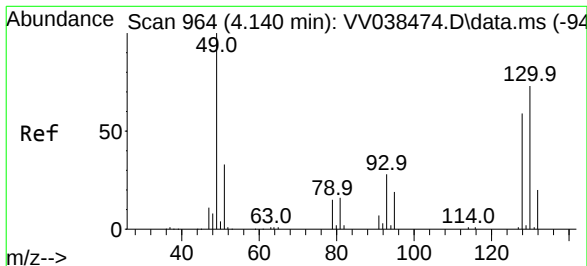
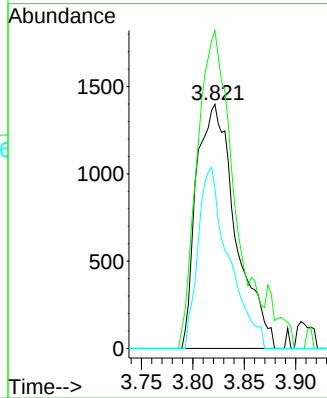
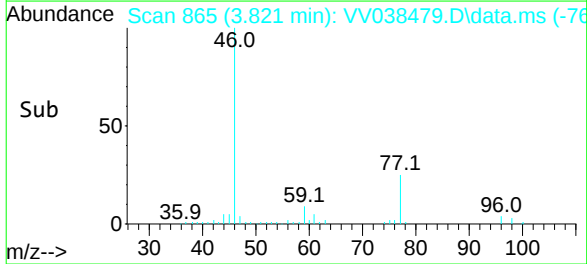
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04



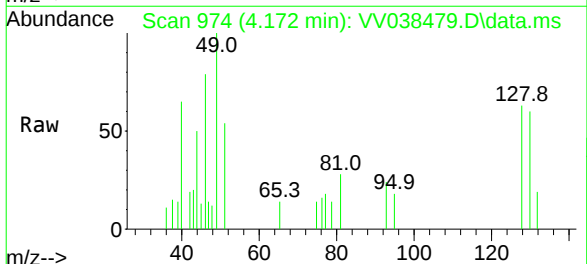
Tgt Ion: 96 Resp: 3708
 Ion Ratio Lower Upper
 96 100
 61 130.2 86.5 160.7
 98 65.6 43.8 81.3

Manual Integrations
 APPROVED

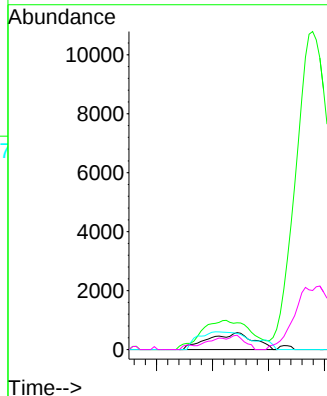
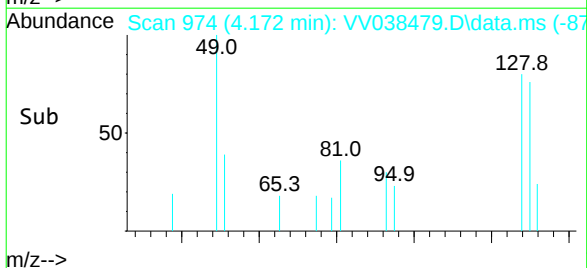
Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025

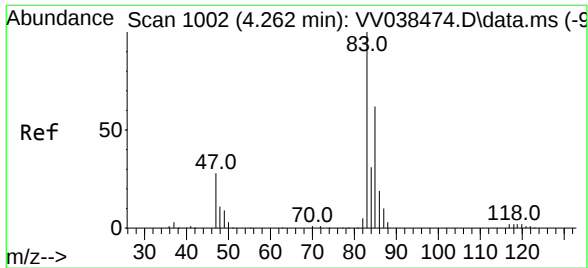


#23
 Bromochloromethane
 Concen: 0.173 ug/L m
 RT: 4.172 min Scan# 974
 Delta R.T. 0.032 min
 Lab File: VV038479.D
 Acq: 21 Jan 2025 13:30



Tgt Ion:128 Resp: 1595
 Ion Ratio Lower Upper
 128 100
 49 158.1 121.0 224.8
 130 95.3 90.1 167.3
 51 84.7 43.3 64.9#





#25

Chloroform

Concen: 0.235 ug/L m

RT: 4.268 min Scan# 10

Delta R.T. 0.006 min

Lab File: VV038479.D

Acq: 21 Jan 2025 13:30

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 83 Resp: 8791

Ion Ratio Lower Upper

83 100

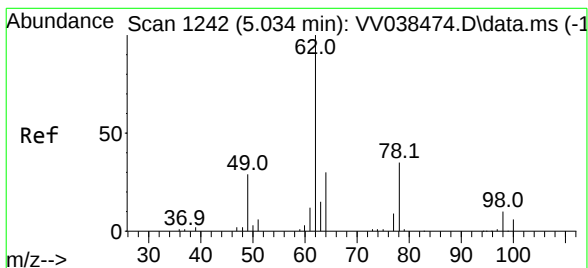
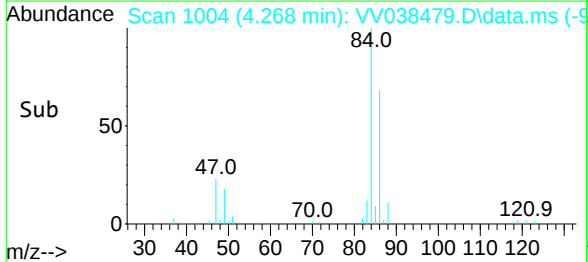
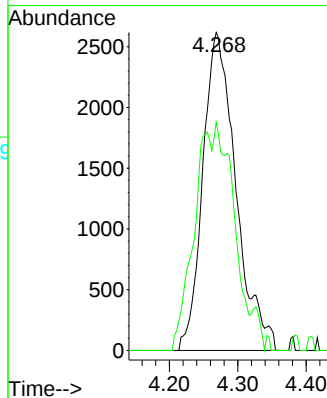
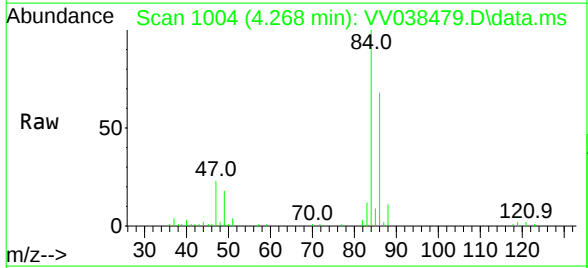
85 71.7 44.0 81.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#27

1,2-Dichloroethane

Concen: 0.204 ug/L

RT: 5.066 min Scan# 1252

Delta R.T. 0.032 min

Lab File: VV038479.D

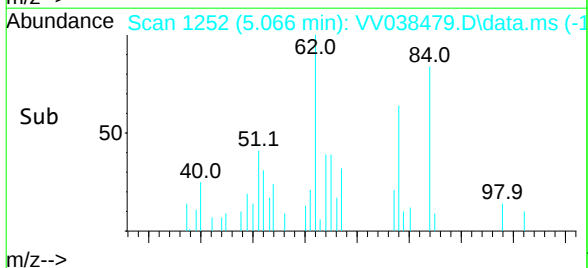
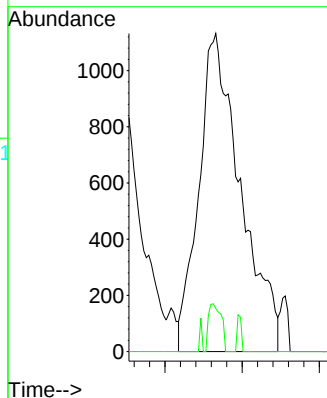
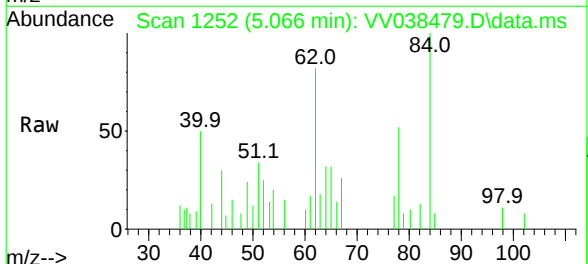
Acq: 21 Jan 2025 13:30

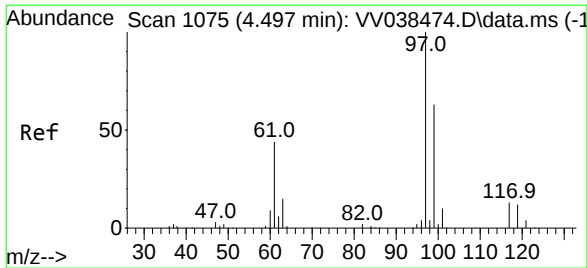
Tgt Ion: 62 Resp: 4246

Ion Ratio Lower Upper

62 100

98 13.5 7.8 11.6#





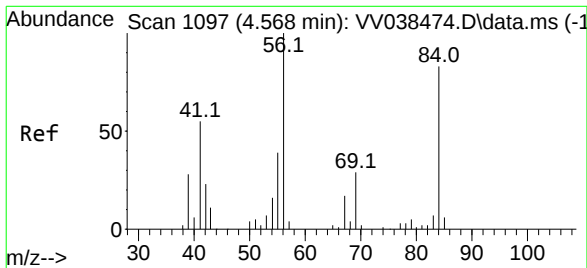
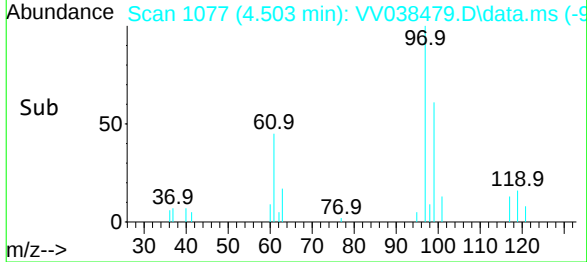
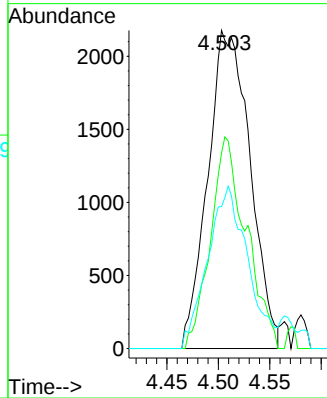
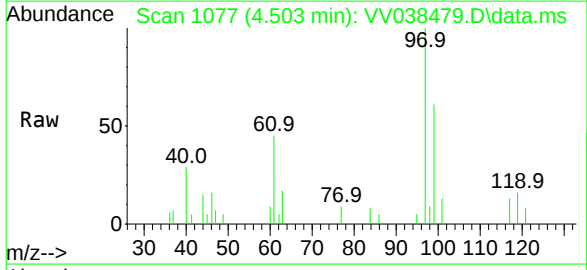
#29
1,1,1-Trichloroethane
Concen: 0.190 ug/L
RT: 4.503 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 97	Resp: 6218
Ion Ratio	Lower Upper
97 100	
99 56.1	52.9 79.3
61 48.0	36.4 54.6

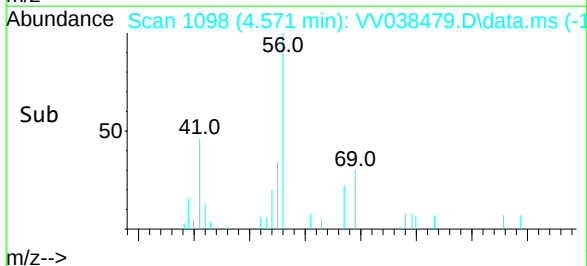
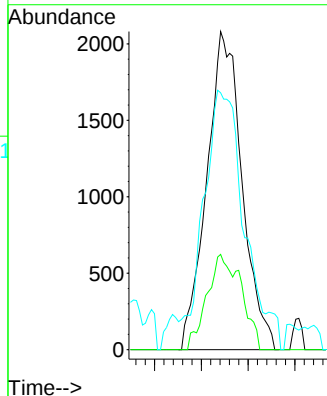
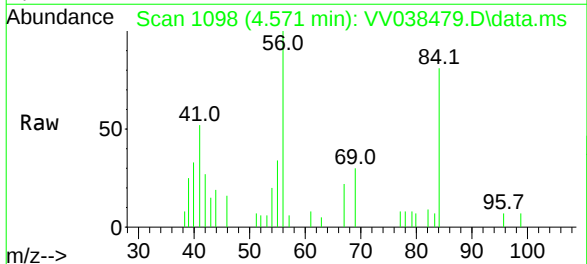
Manual Integrations
APPROVED

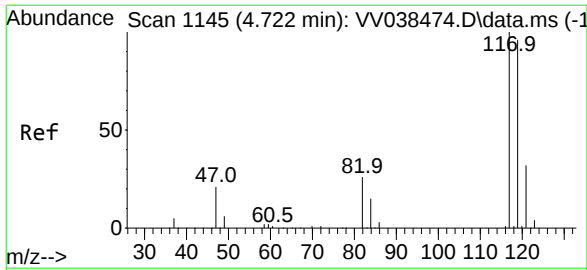
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#30
Cyclohexane
Concen: 0.183 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.003 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

Tgt Ion: 56	Resp: 5451
Ion Ratio	Lower Upper
56 100	
69 20.3	24.7 37.1
84 72.0	68.2 102.2





#31

Carbon tetrachloride

Concen: 0.179 ug/L

RT: 4.731 min Scan# 1148

Delta R.T. 0.009 min

Lab File: VV038479.D

Acq: 21 Jan 2025 13:30

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion:117 Resp: 5189

Ion Ratio Lower Upper

117 100

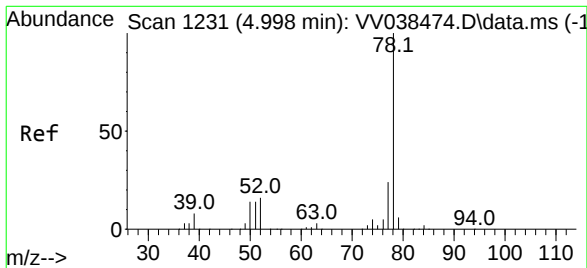
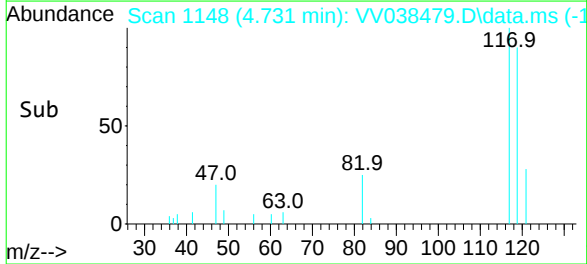
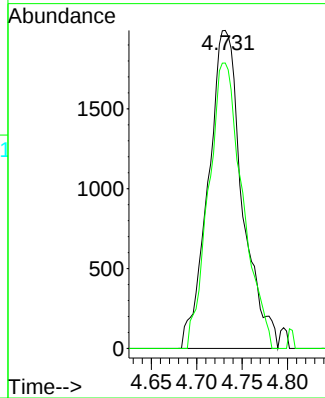
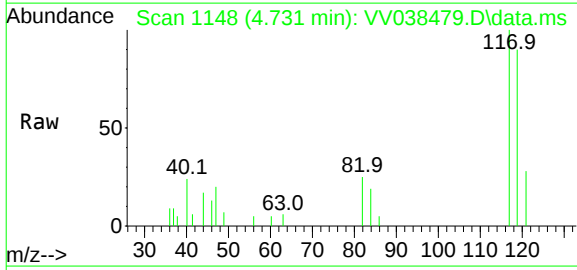
119 89.7 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#33

Benzene

Concen: 0.186 ug/L m

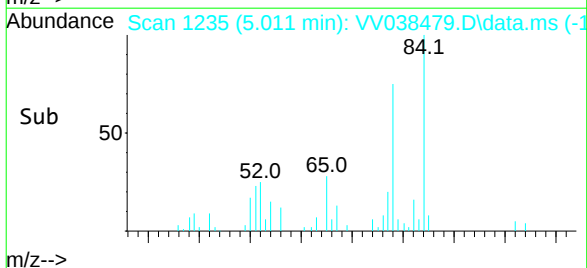
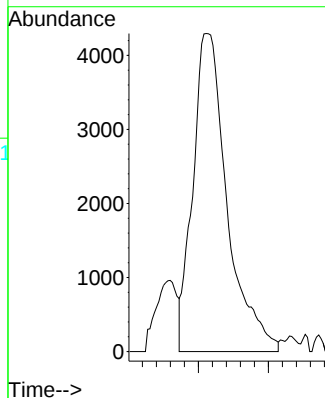
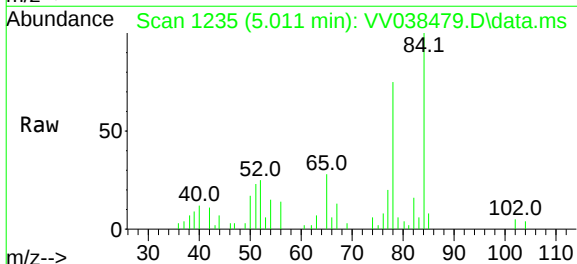
RT: 5.011 min Scan# 1235

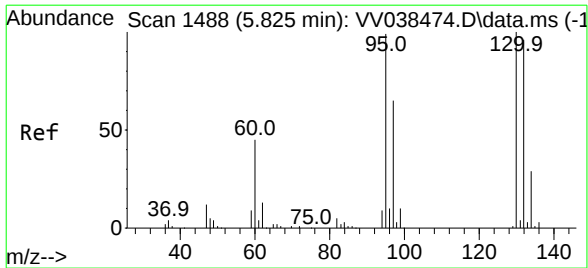
Delta R.T. 0.013 min

Lab File: VV038479.D

Acq: 21 Jan 2025 13:30

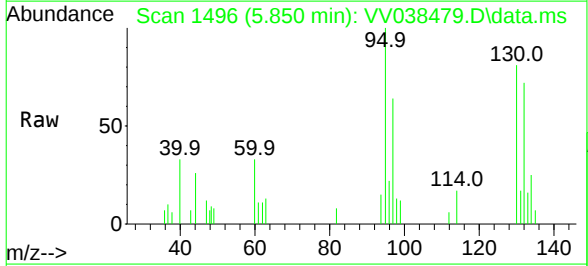
Tgt Ion: 78 Resp: 14564





#34
Trichloroethene
Concen: 0.215 ug/L
RT: 5.850 min Scan# 1488
Delta R.T. 0.026 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

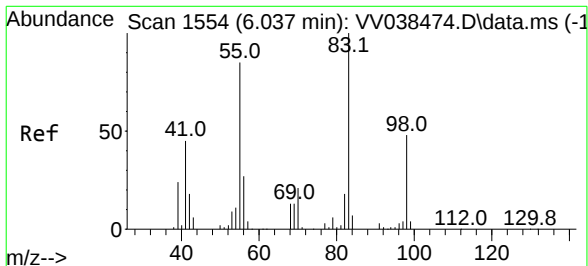
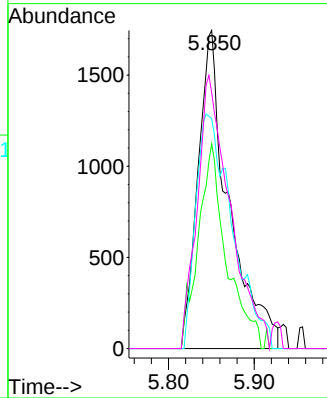
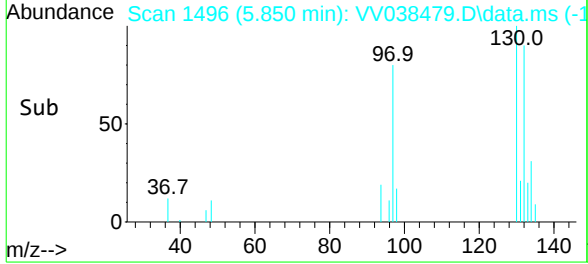
Instrument :
MSVOA_V
ClientSampleId :
MDL04



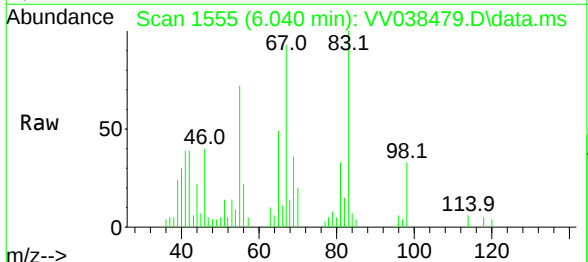
Tgt Ion: 95 Resp: 4369
Ion Ratio Lower Upper
95 100
97 64.4 43.4 80.6
132 72.3 65.5 121.6
130 80.5 65.5 121.6

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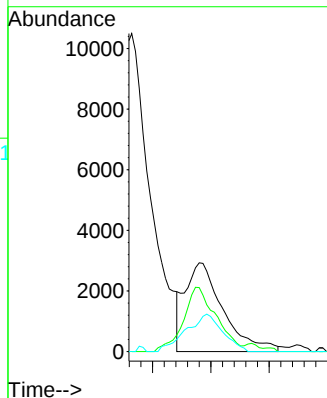
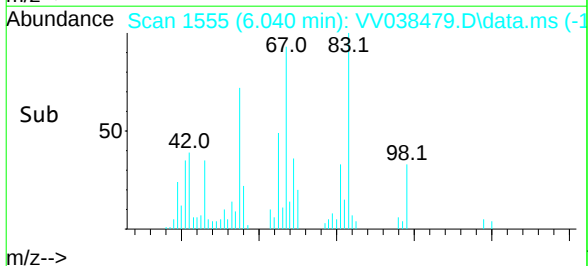
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

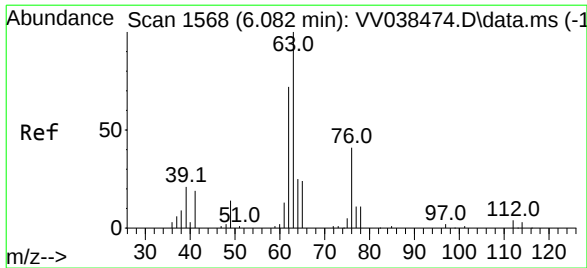


#35
Methylcyclohexane
Concen: 0.214 ug/L m
RT: 6.040 min Scan# 1555
Delta R.T. 0.003 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30



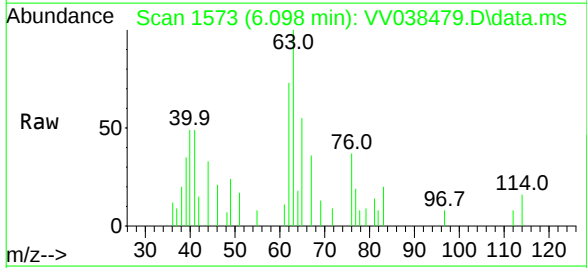
Tgt Ion: 83 Resp: 6631
Ion Ratio Lower Upper
83 100
55 62.3 59.4 89.0
98 40.4 37.8 56.8





#37
1,2-Dichloropropane
Concen: 0.202 ug/L
RT: 6.098 min Scan# 1568
Delta R.T. 0.016 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

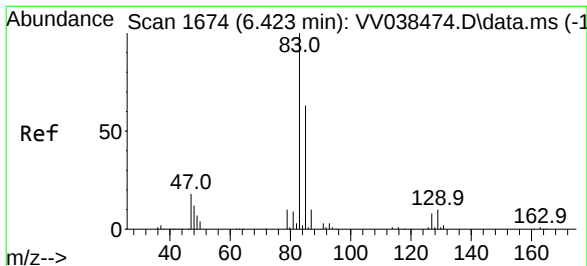
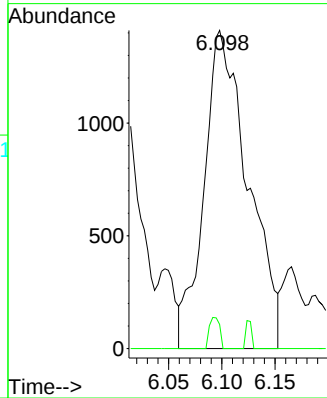
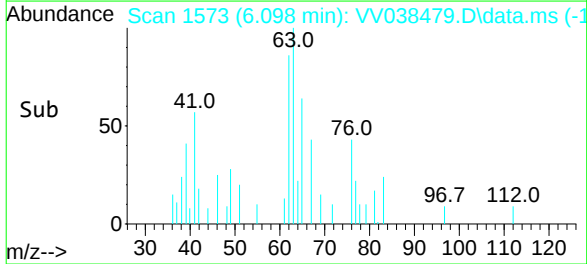
Instrument :
MSVOA_V
ClientSampleId :
MDL04



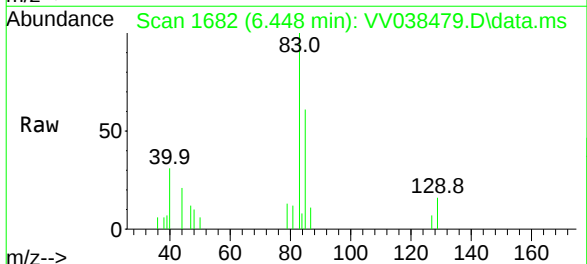
Tgt Ion: 63 Resp: 4074
Ion Ratio Lower Upper
63 100
112 2.3 4.1 6.1

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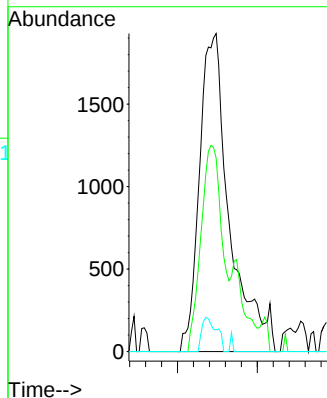
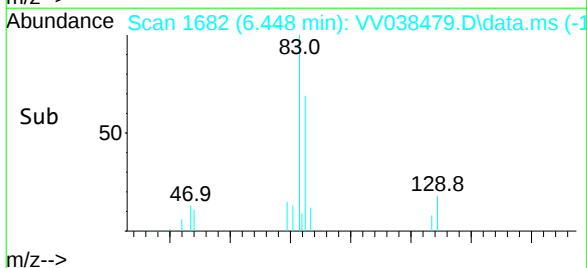
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

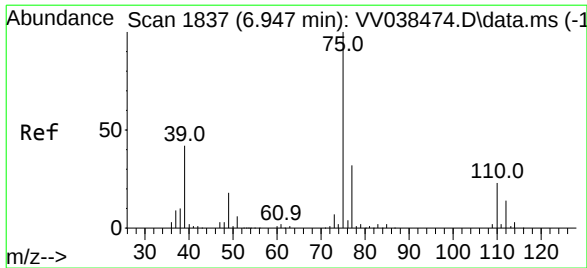


#38
Bromodichloromethane
Concen: 0.193 ug/L m
RT: 6.448 min Scan# 1682
Delta R.T. 0.026 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30



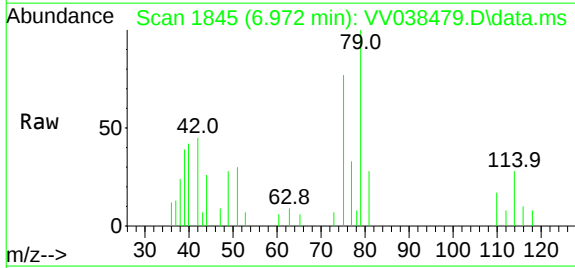
Tgt Ion: 83 Resp: 5056
Ion Ratio Lower Upper
83 100
85 60.8 44.7 83.1
127 6.8 6.8 10.2





#39
cis-1,3-Dichloropropene
Concen: 0.199 ug/L m
RT: 6.972 min Scan# 1837
Delta R.T. 0.026 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

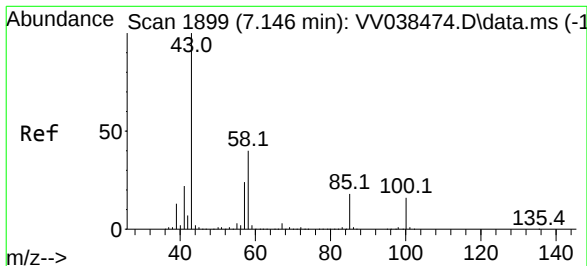
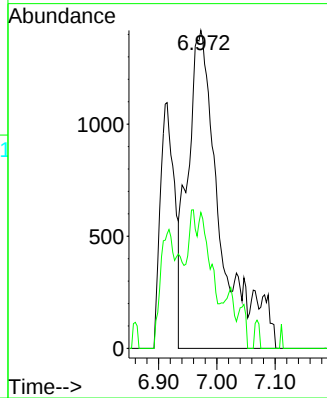
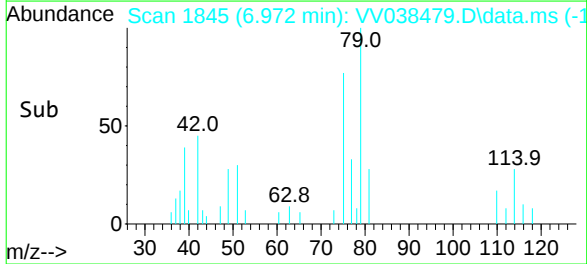
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion: 75 Resp: 5537
Ion Ratio Lower Upper
75 100
77 42.7 21.7 40.3#

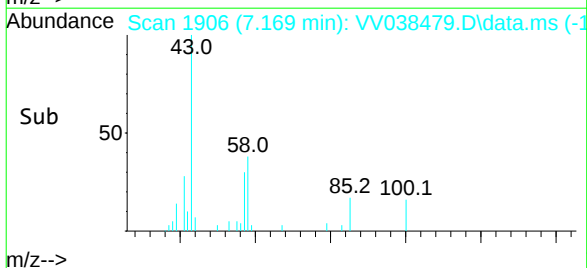
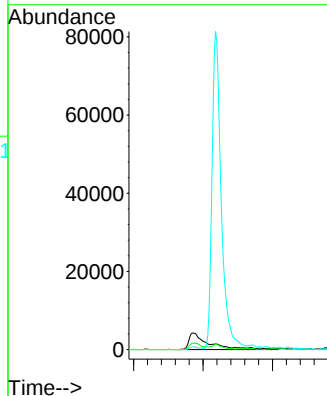
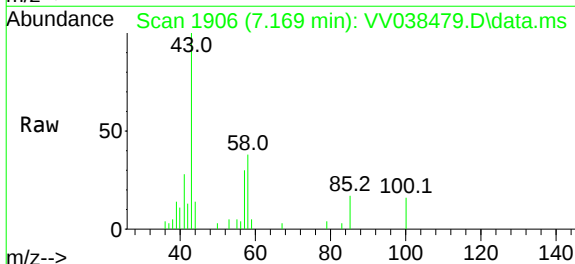
Manual Integrations
APPROVED

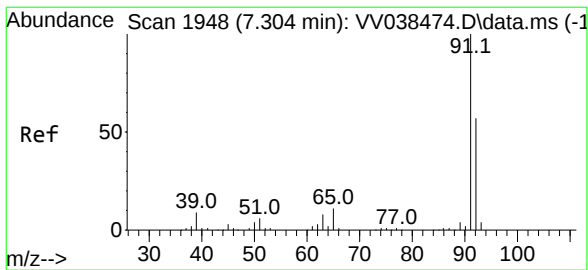
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#40
4-Methyl-2-pentanone
Concen: 1.702 ug/L m
RT: 7.169 min Scan# 1906
Delta R.T. 0.022 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

Tgt Ion: 43 Resp: 17791
Ion Ratio Lower Upper
43 100
58 24.4 31.7 47.5#
100 0.0 12.4 18.6#





#42

Toluene

Concen: 0.178 ug/L m

RT: 7.323 min Scan# 19

Delta R.T. 0.019 min

Lab File: VV038479.D

Acq: 21 Jan 2025 13:30

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion: 91 Resp: 14533

Ion Ratio Lower Upper

91 100

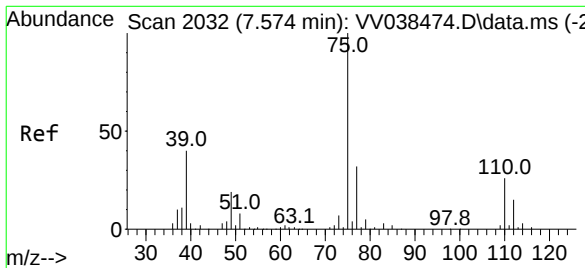
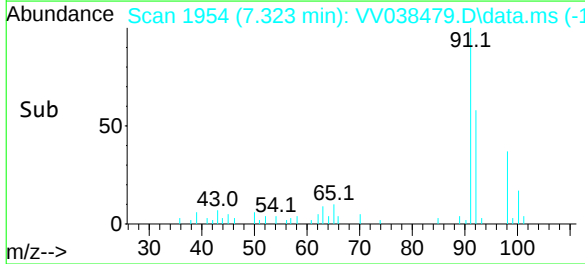
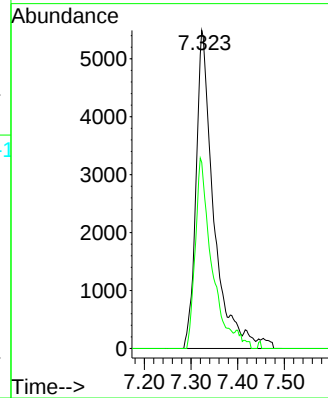
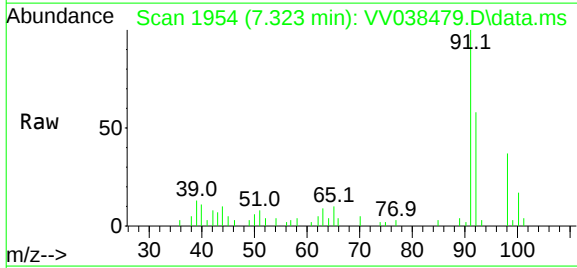
92 58.5 40.6 75.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#44

trans-1,3-Dichloropropene

Concen: 0.230 ug/L m

RT: 7.590 min Scan# 2037

Delta R.T. 0.016 min

Lab File: VV038479.D

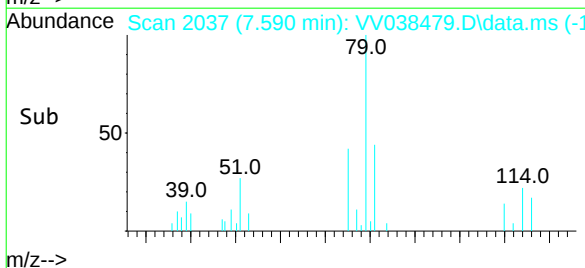
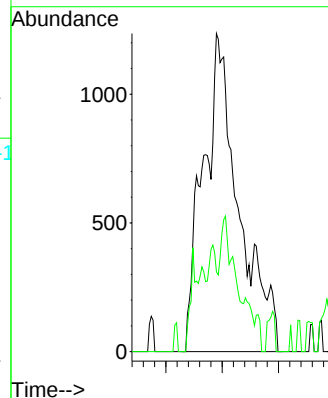
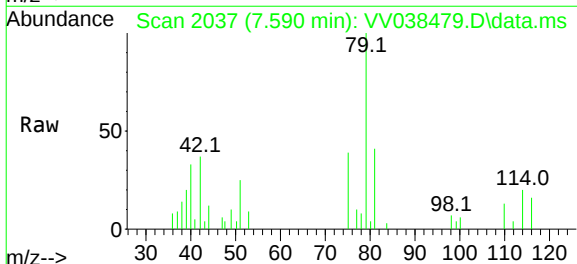
Acq: 21 Jan 2025 13:30

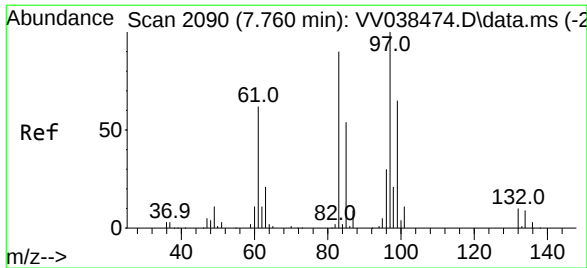
Tgt Ion: 75 Resp: 5417

Ion Ratio Lower Upper

75 100

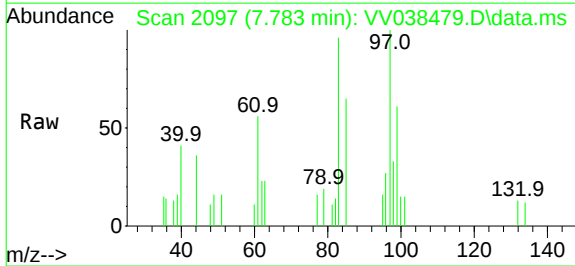
77 25.1 22.8 42.4





#45
1,1,2-Trichloroethane
Concen: 0.184 ug/L
RT: 7.783 min Scan# 2097
Delta R.T. 0.022 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

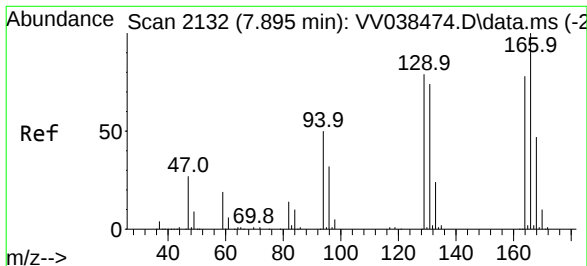
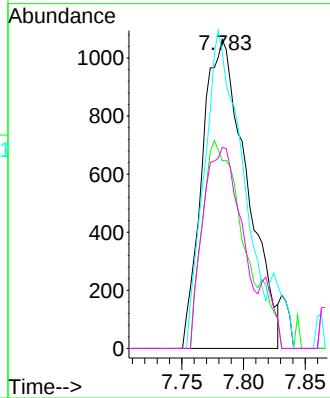
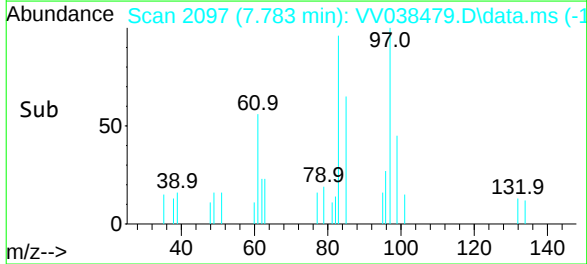
Instrument :
MSVOA_V
ClientSampleId :
MDL04



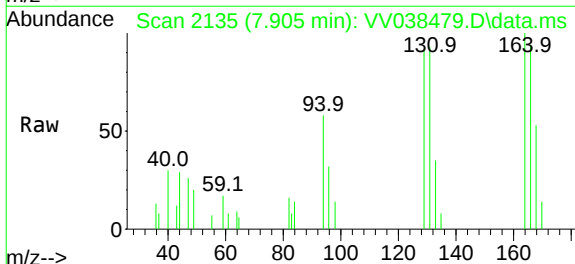
Tgt Ion:	97	Resp:	2674
Ion	Ratio	Lower	Upper
97	100		
99	60.8	42.3	78.5
83	95.7	59.4	110.4
85	65.0	37.0	68.6

Manual Integrations
APPROVED

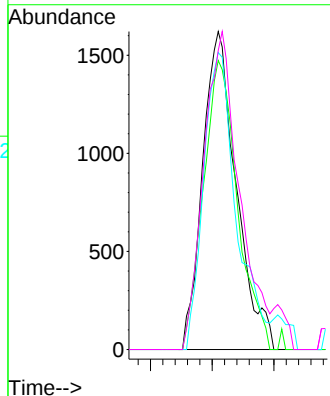
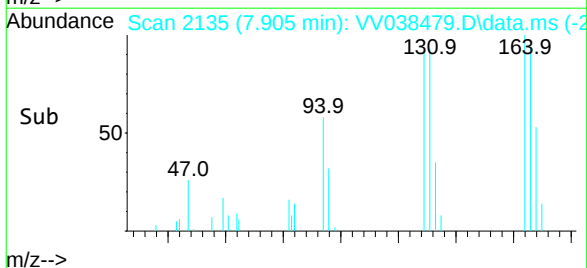
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

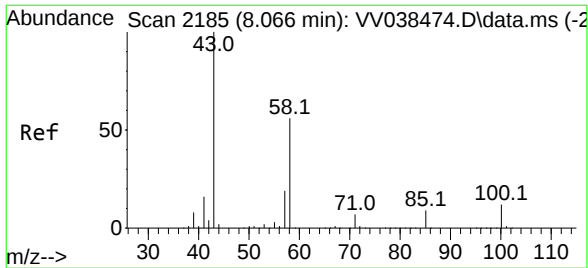


#47
Tetrachloroethene
Concen: 0.195 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.009 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30



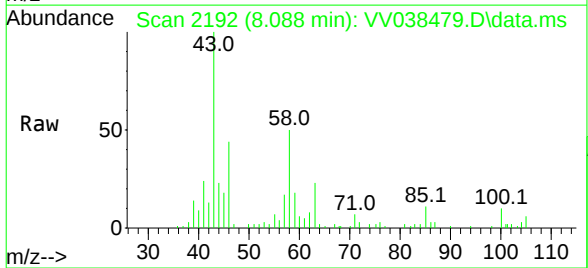
Tgt Ion:	164	Resp:	3068
Ion	Ratio	Lower	Upper
164	100		
129	90.9	68.9	127.9
131	93.4	65.2	121.2
166	94.0	86.7	160.9





#48
2-Hexanone
Concen: 5.484 ug/L m
RT: 8.088 min Scan# 21
Delta R.T. 0.022 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

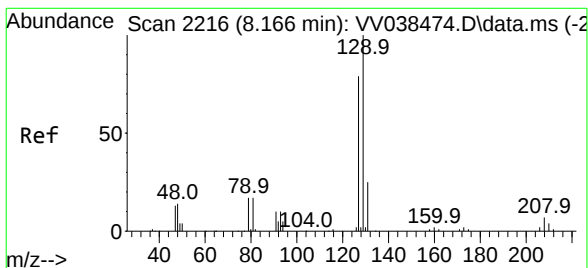
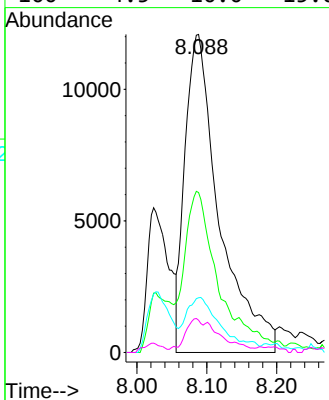
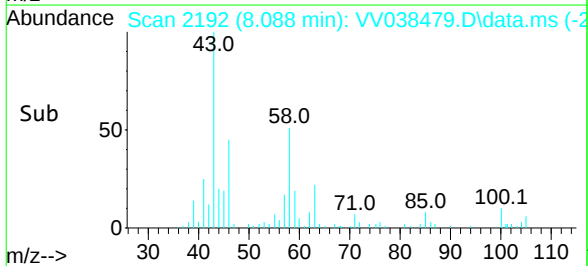
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.5	43.6	65.4#
57	13.2	15.0	22.4#
100	4.5	10.0	15.0#

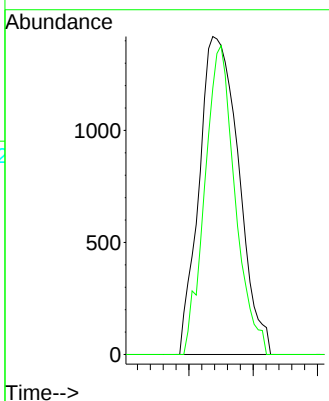
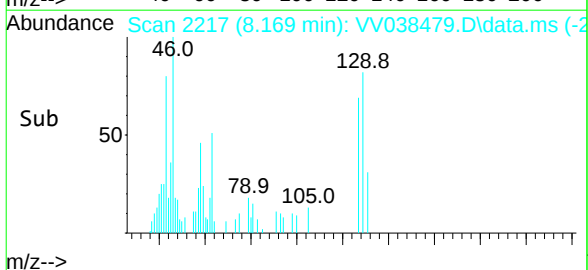
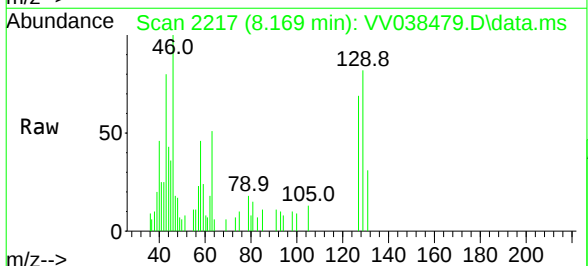
Manual Integrations
APPROVED

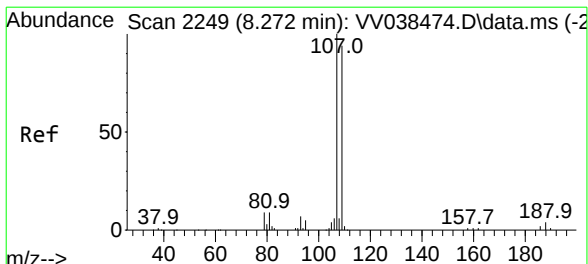
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#49
Dibromochloromethane
Concen: 0.181 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

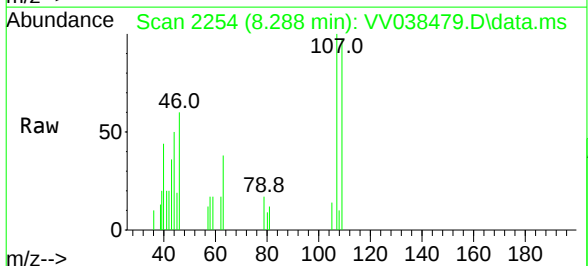
Tgt Ion	Ratio	Lower	Upper
129	100		
127	83.7	52.8	98.2





#50
1,2-Dibromoethane
Concen: 0.186 ug/L
RT: 8.288 min Scan# 2249
Delta R.T. 0.016 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

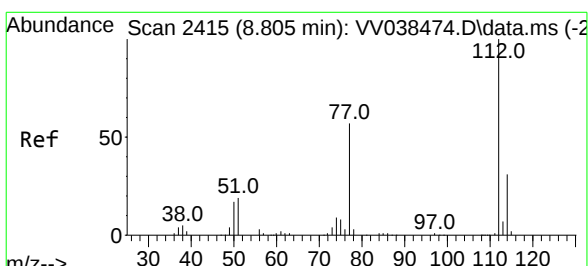
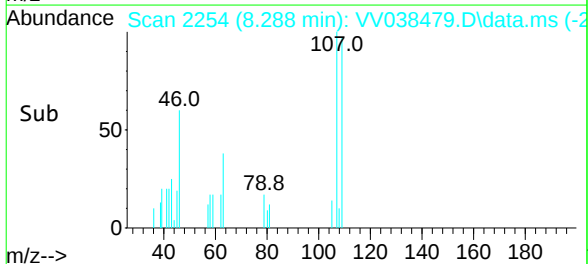
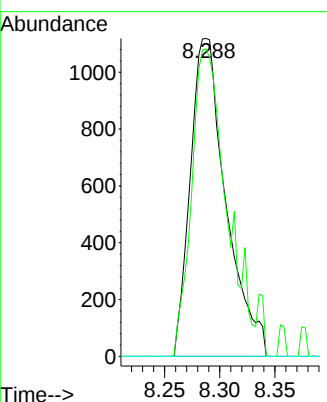
Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion	Ratio	Lower	Upper
107	100		
109	96.7	65.9	122.3
188	0.0	2.8	4.2#

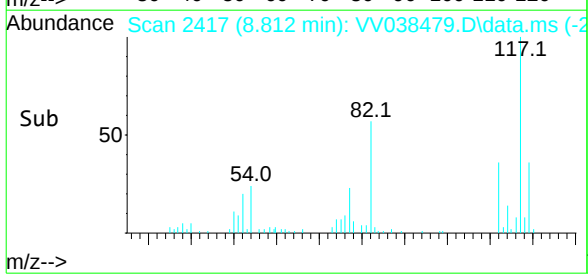
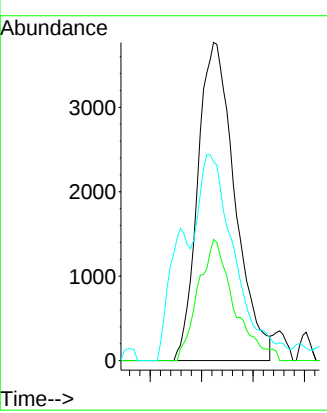
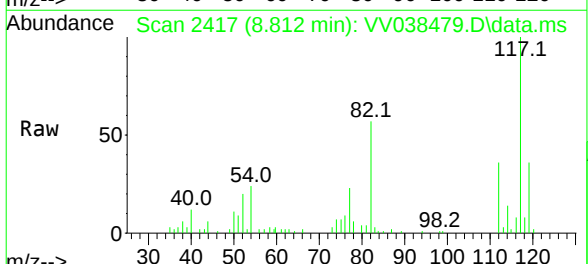
Manual Integrations
APPROVED

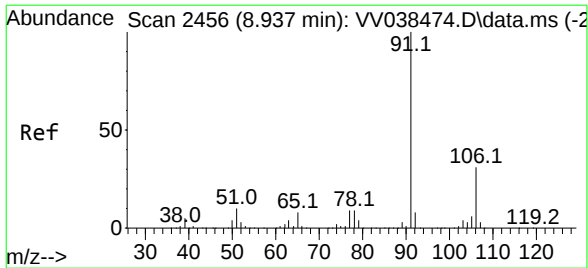
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#51
Chlorobenzene
Concen: 0.172 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

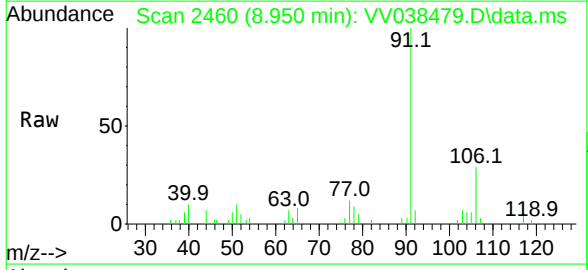
Tgt Ion	Ratio	Lower	Upper
112	100		
114	38.1	22.9	42.5
77	62.4	46.1	69.1





#52
 Ethylbenzene
 Concen: 0.164 ug/L
 RT: 8.950 min Scan# 2456
 Delta R.T. 0.013 min
 Lab File: VV038479.D
 Acq: 21 Jan 2025 13:30

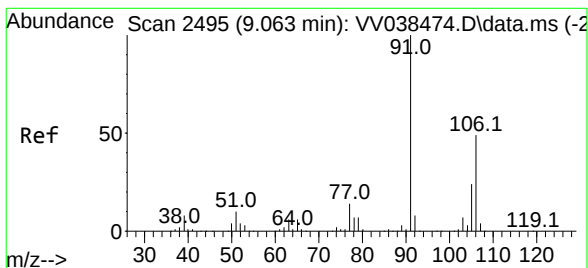
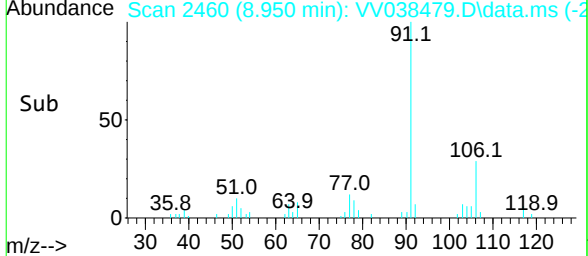
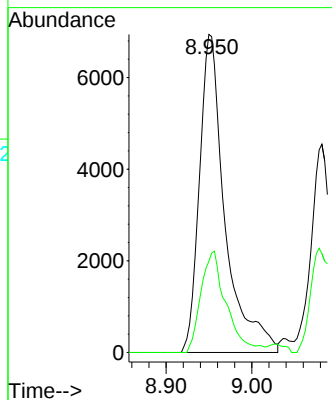
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04



Tgt Ion: 91 Resp: 14386
 Ion Ratio Lower Upper
 91 100
 106 28.7 22.0 40.8

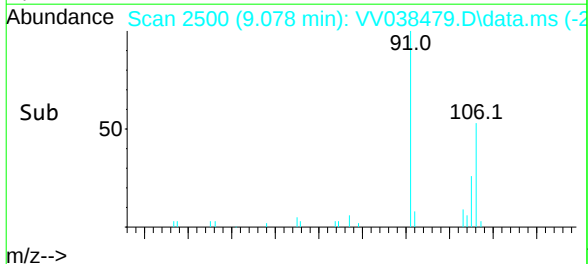
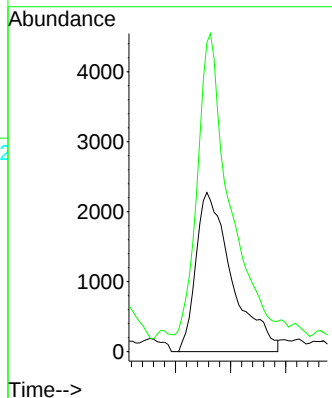
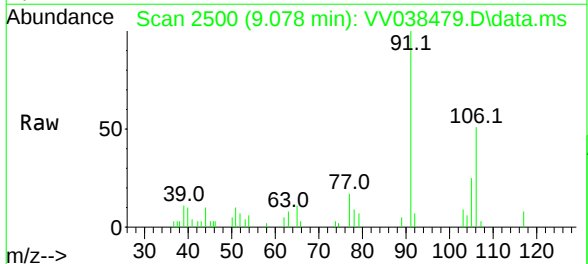
Manual Integrations
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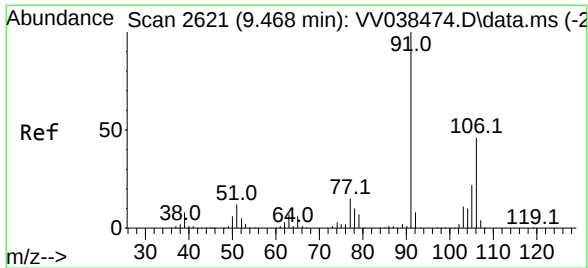
Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025



#53
 m,p-Xylene
 Concen: 0.156 ug/L
 RT: 9.078 min Scan# 2500
 Delta R.T. 0.016 min
 Lab File: VV038479.D
 Acq: 21 Jan 2025 13:30

Tgt Ion:106 Resp: 5189
 Ion Ratio Lower Upper
 106 100
 91 194.2 148.2 275.2





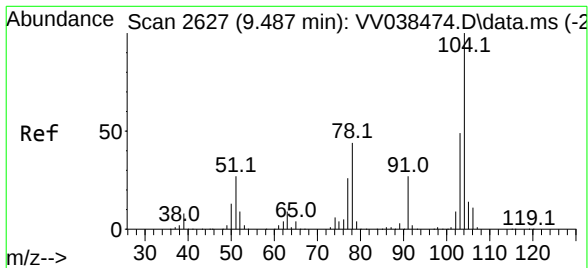
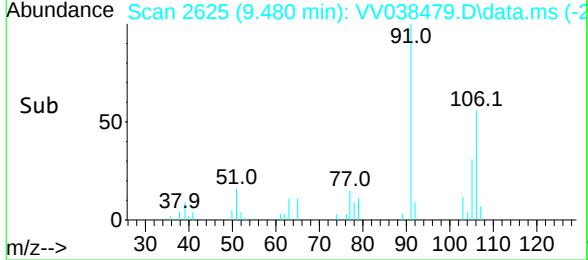
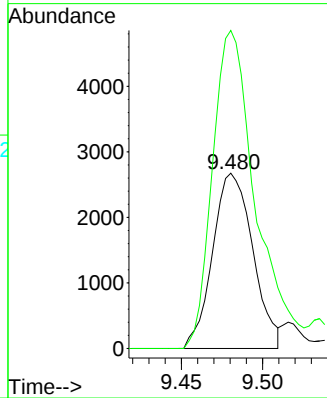
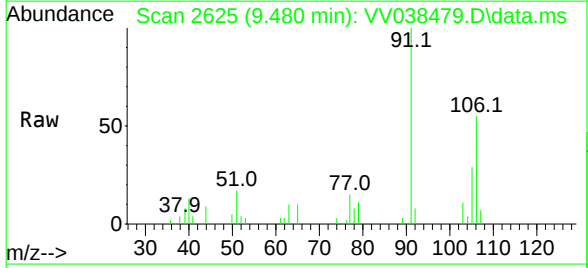
#54
o-Xylene
Concen: 0.145 ug/L
RT: 9.480 min Scan# 2621
Delta R.T. 0.013 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 4600
Ion Ratio Lower Upper
106 100
91 181.4 151.4 281.2

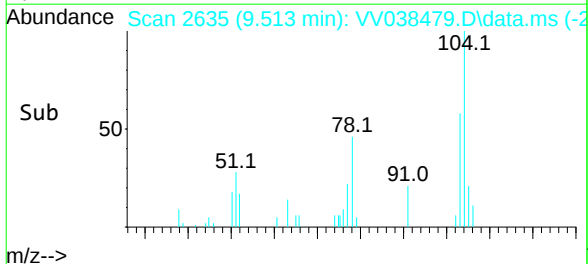
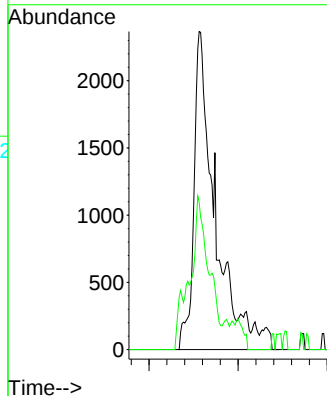
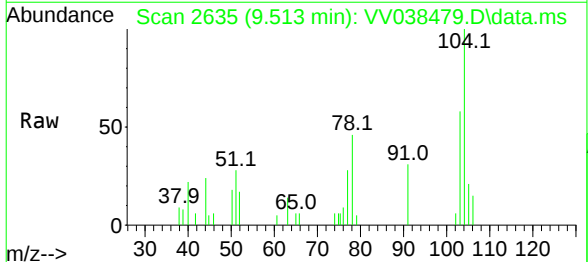
Manual Integrations
APPROVED

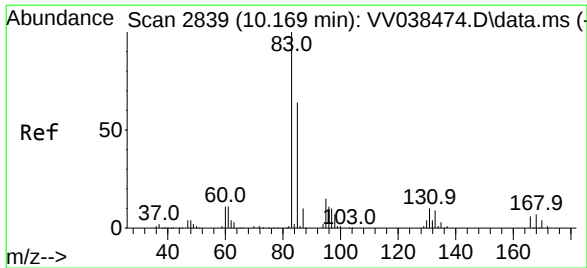
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#55
Styrene
Concen: 0.143 ug/L m
RT: 9.513 min Scan# 2635
Delta R.T. 0.026 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

Tgt Ion:104 Resp: 7901
Ion Ratio Lower Upper
104 100
78 46.3 30.8 57.2





#57

1,1,2,2-Tetrachloroethane

Concen: 0.189 ug/L

RT: 10.172 min Scan# 2839

Delta R.T. 0.003 min

Lab File: VV038479.D

Acq: 21 Jan 2025 13:30

Instrument :

MSVOA_V

ClientSampleId :

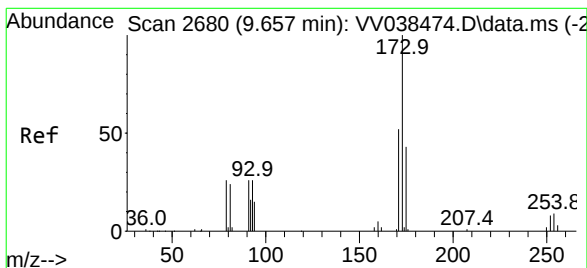
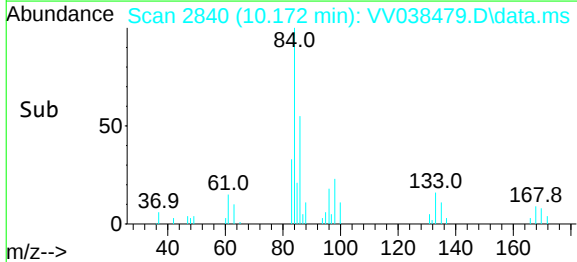
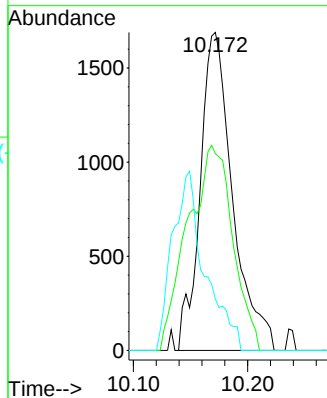
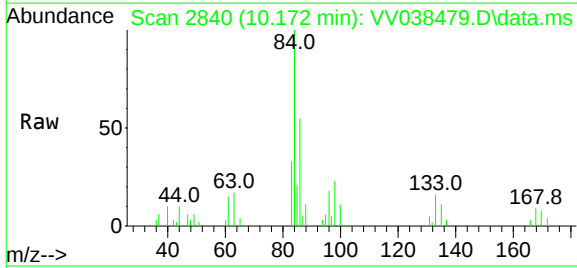
MDL04

Tgt Ion:	83	Resp:	3338
Ion Ratio	Lower	Upper	
83	100		
85	61.9	45.1	83.7
131	16.2	7.5	11.3#

Manual Integrations

APPROVED

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



#59

Bromoform

Concen: 0.202 ug/L

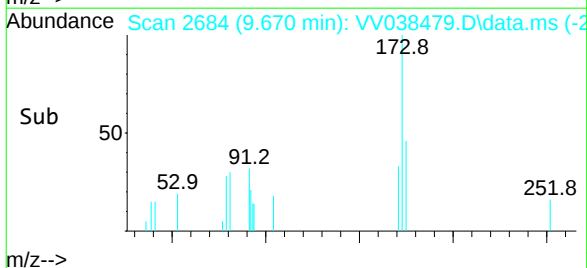
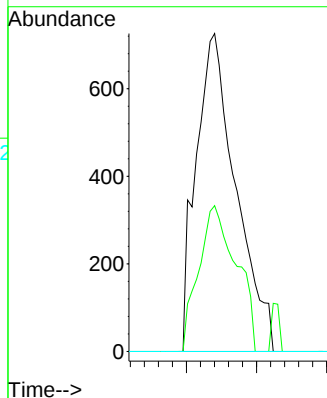
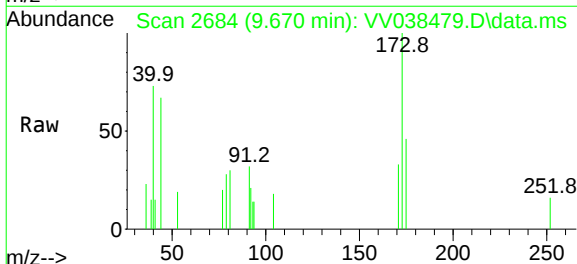
RT: 9.670 min Scan# 2684

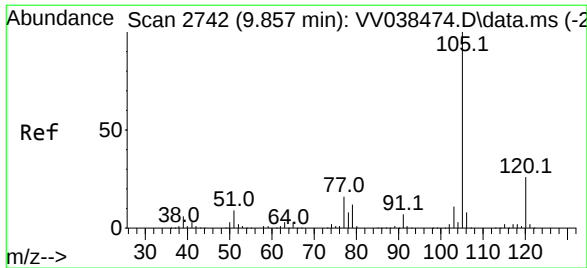
Delta R.T. 0.013 min

Lab File: VV038479.D

Acq: 21 Jan 2025 13:30

Tgt Ion:	173	Resp:	1428
Ion Ratio	Lower	Upper	
173	100		
175	43.6	37.6	56.4
254	0.0	5.6	8.4#





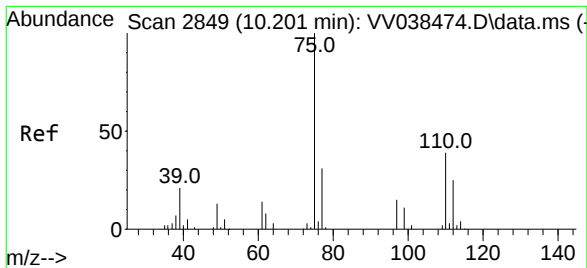
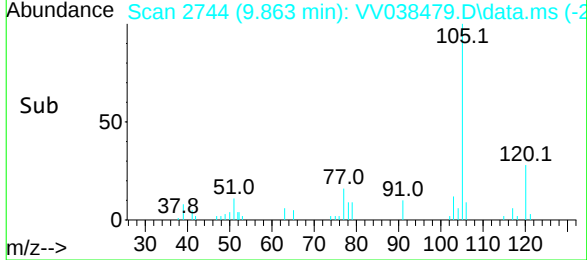
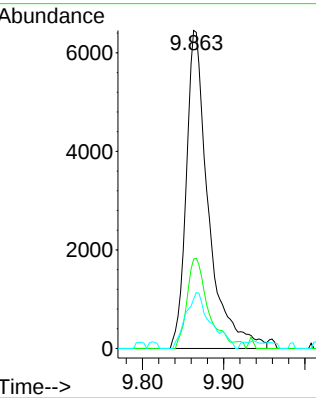
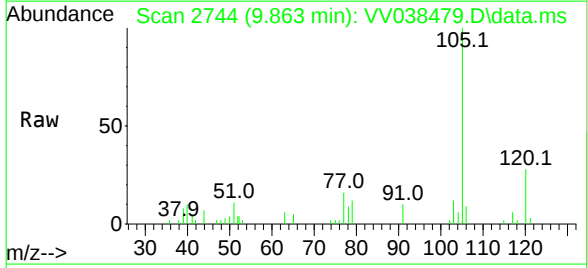
#60
Isopropylbenzene
Concen: 0.179 ug/L
RT: 9.863 min Scan# 2741
Delta R.T. 0.006 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt	Ion:105	Resp:	12211
Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.4	32.2
77	19.6	12.7	19.1#

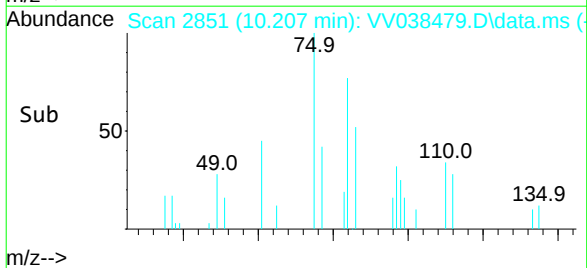
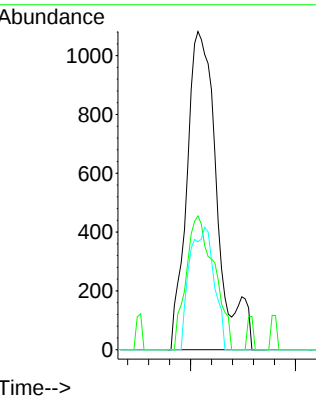
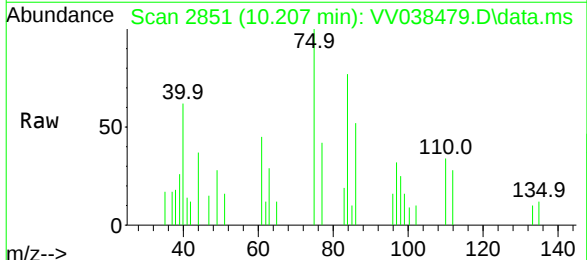
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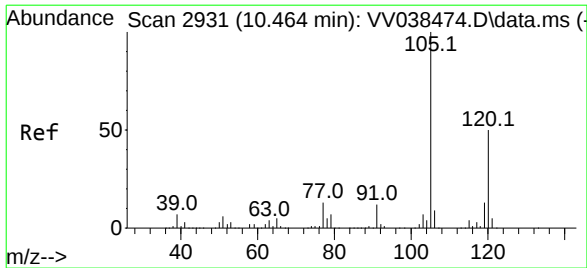
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#61
1,2,3-Trichloropropane
Concen: 0.222 ug/L m
RT: 10.207 min Scan# 2851
Delta R.T. 0.006 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

Tgt	Ion: 75	Resp:	2158
Ion	Ratio	Lower	Upper
75	100		
77	39.2	25.4	38.0#
110	31.4	32.6	48.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.160 ug/L

RT: 10.474 min Scan# 29

Delta R.T. 0.009 min

Lab File: VV038479.D

Acq: 21 Jan 2025 13:30

Instrument :

MSVOA_V

ClientSampleId :

MDL04

Tgt Ion:105 Resp: 8521

Ion Ratio Lower Upper

105 100

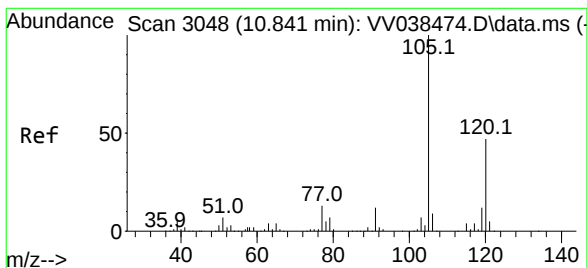
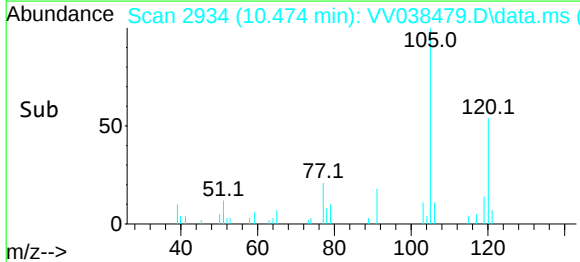
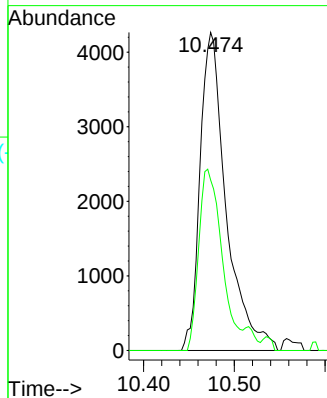
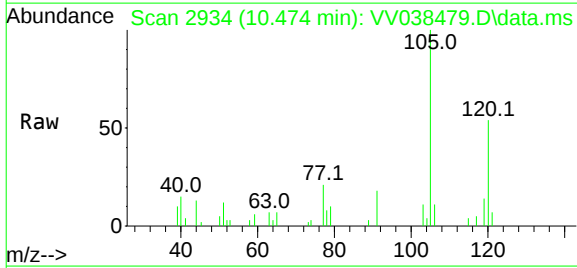
120 50.6 39.4 59.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#63

1,2,4-Trimethylbenzene

Concen: 0.149 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.013 min

Lab File: VV038479.D

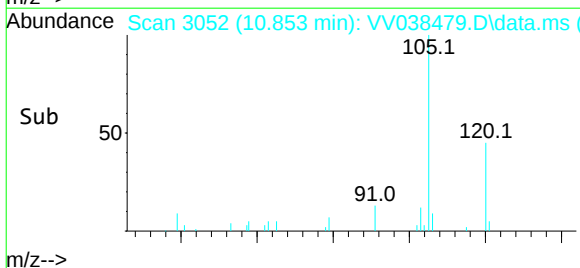
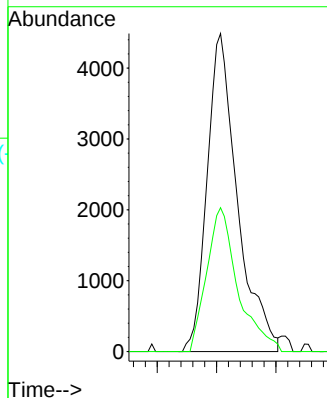
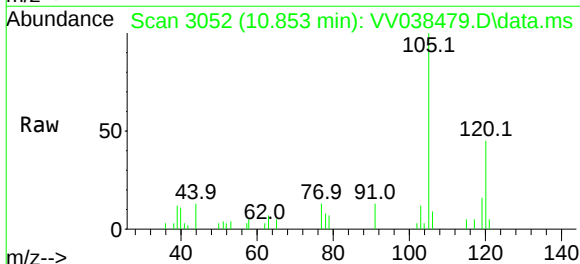
Acq: 21 Jan 2025 13:30

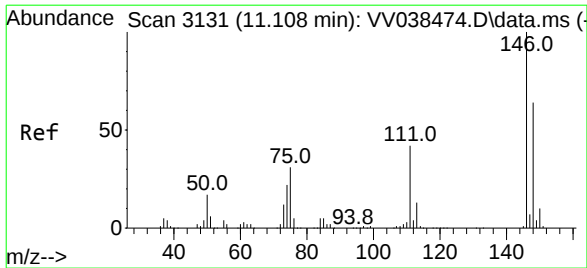
Tgt Ion:105 Resp: 7952

Ion Ratio Lower Upper

105 100

120 46.5 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 0.200 ug/L

RT: 11.123 min Scan# 31

Delta R.T. 0.016 min

Lab File: VV038479.D

Acq: 21 Jan 2025 13:30

Instrument :

MSVOA_V

ClientSampleId :

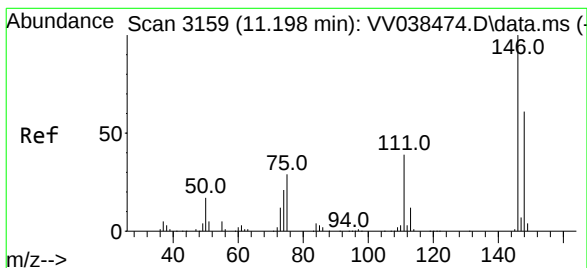
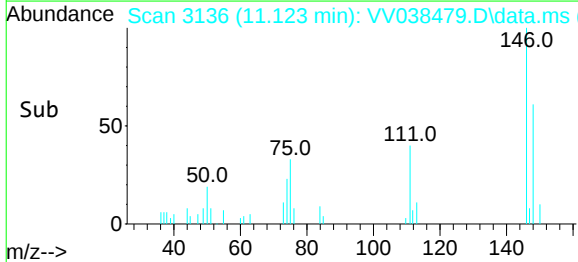
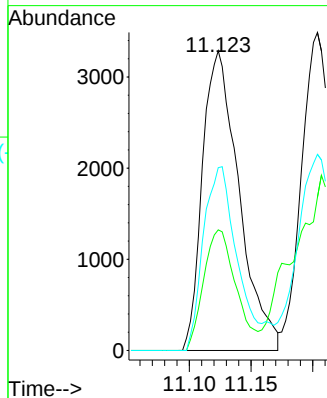
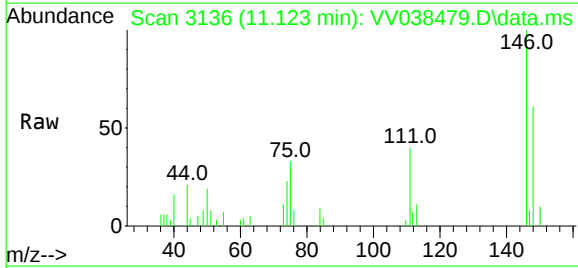
MDL04

Tgt Ion:	146	Resp:	6764
Ion	Ratio	Lower	Upper
146	100		
111	40.2	27.9	51.9
148	61.0	44.7	83.1

Manual Integrations

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



#65

1,4-Dichlorobenzene

Concen: 0.202 ug/L

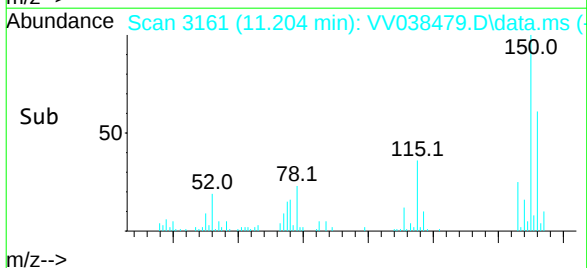
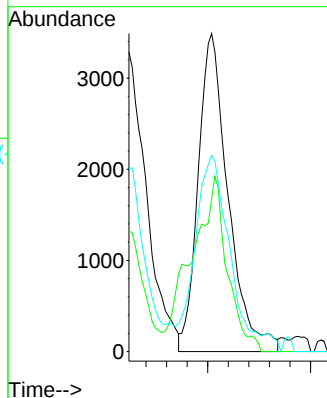
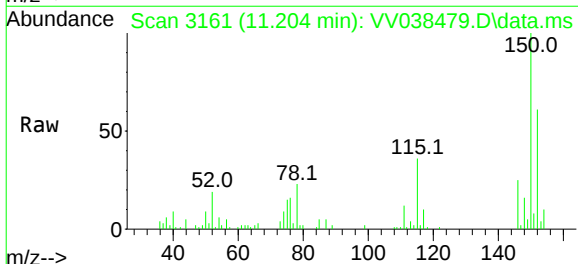
RT: 11.204 min Scan# 3161

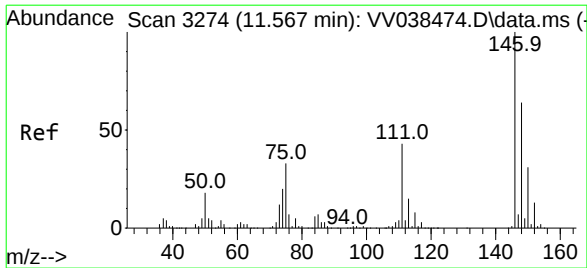
Delta R.T. 0.006 min

Lab File: VV038479.D

Acq: 21 Jan 2025 13:30

Tgt Ion:	146	Resp:	7056
Ion	Ratio	Lower	Upper
146	100		
111	48.2	28.1	52.3
148	61.7	44.7	83.1





#67

1,2-Dichlorobenzene

Concen: 0.225 ug/L

RT: 11.574 min Scan# 32

Delta R.T. 0.006 min

Lab File: VV038479.D

Acq: 21 Jan 2025 13:30

Instrument :

MSVOA_V

ClientSampleId :

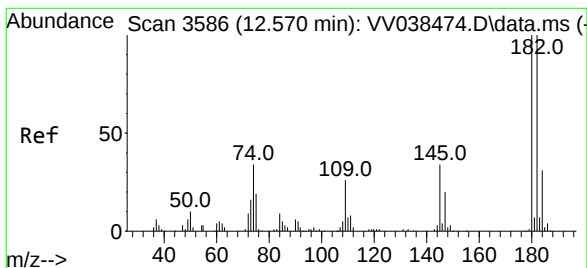
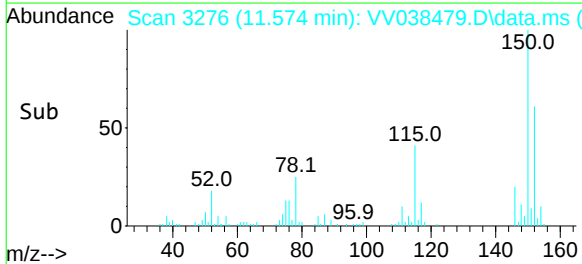
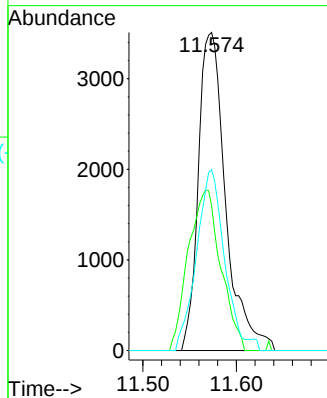
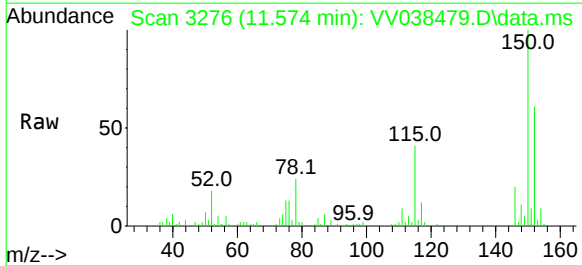
MDL04

Tgt Ion:	146	Resp:	7131
Ion	Ratio	Lower	Upper
146	100		
111	45.5	33.4	50.0
148	56.8	49.9	74.9

Manual Integrations

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



#69

1,3,5-Trichlorobenzene

Concen: 0.172 ug/L

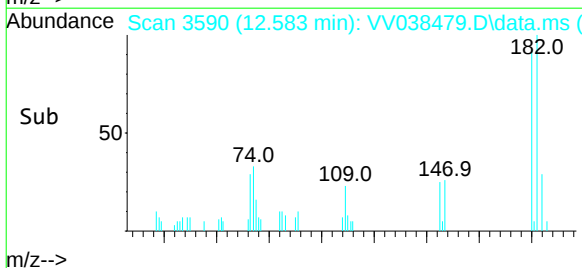
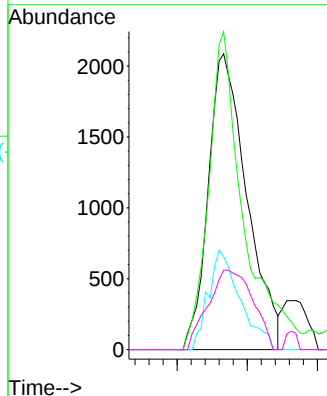
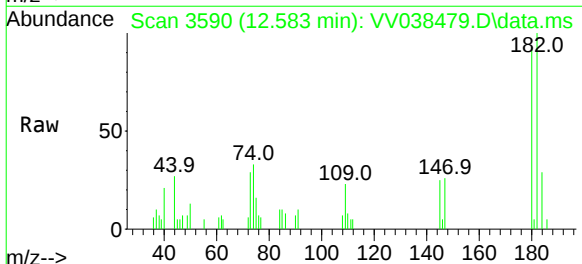
RT: 12.583 min Scan# 3590

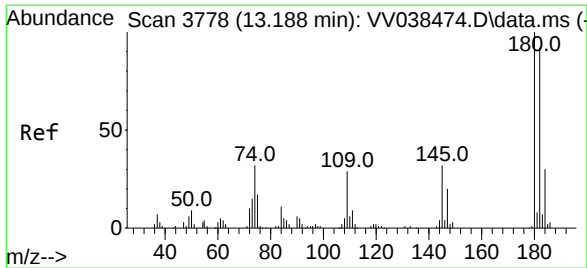
Delta R.T. 0.013 min

Lab File: VV038479.D

Acq: 21 Jan 2025 13:30

Tgt Ion:	180	Resp:	3991
Ion	Ratio	Lower	Upper
180	100		
182	97.7	74.3	111.5
184	27.7	23.2	34.8
145	31.1	24.5	36.7





#70

1,2,4-trichlorobenzene

Concen: 0.155 ug/L

RT: 13.210 min Scan# 3778

Delta R.T. 0.022 min

Lab File: VV038479.D

Acq: 21 Jan 2025 13:30

Instrument :

MSVOA_V

ClientSampleId :

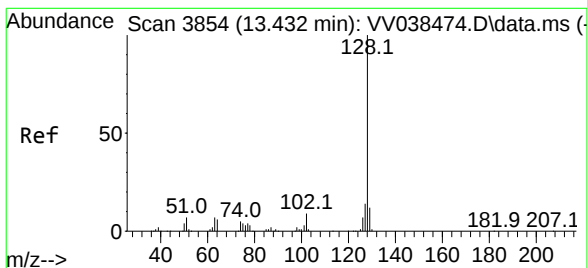
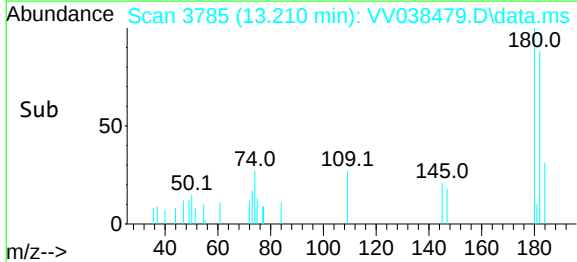
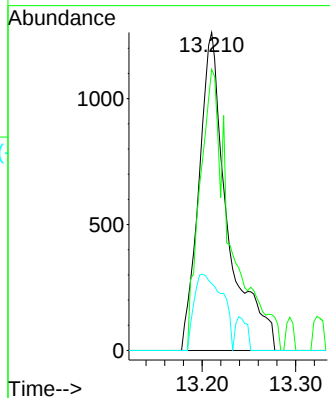
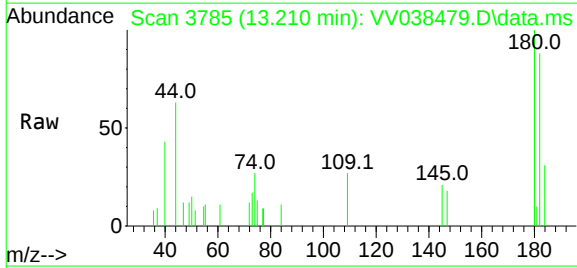
MDL04

Tgt	Ion:180	Resp:	2685
Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.5	116.3
145	23.5	26.2	39.4#

Manual Integrations

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



#71

Naphthalene

Concen: 0.163 ug/L m

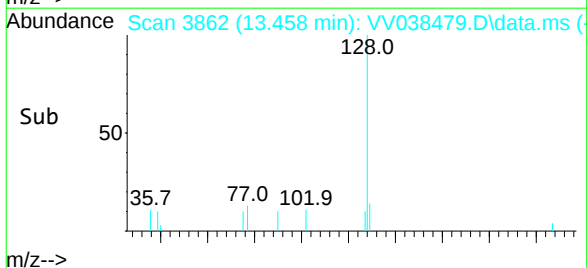
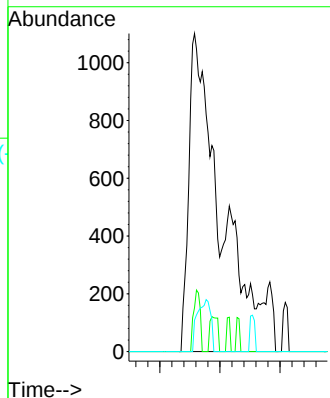
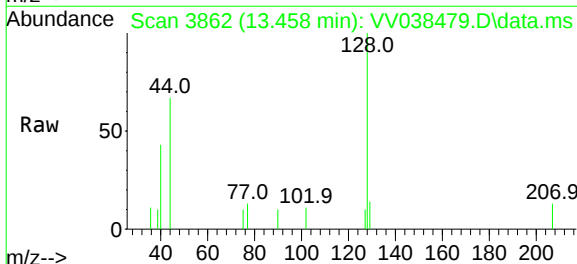
RT: 13.458 min Scan# 3862

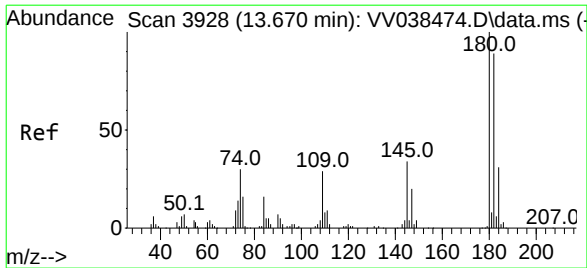
Delta R.T. 0.026 min

Lab File: VV038479.D

Acq: 21 Jan 2025 13:30

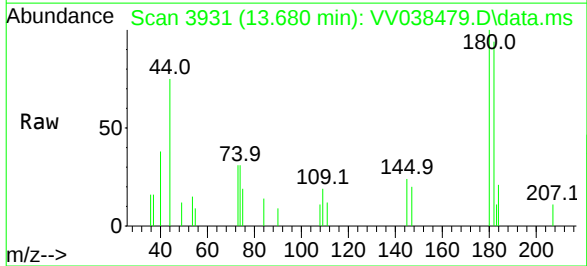
Tgt	Ion:128	Resp:	4171
Ion	Ratio	Lower	Upper
128	100		
129	3.8	8.3	12.5#
127	0.0	11.0	16.6#





#72
1,2,3-Trichlorobenzene
Concen: 0.168 ug/L
RT: 13.680 min Scan# 3928
Delta R.T. 0.009 min
Lab File: VV038479.D
Acq: 21 Jan 2025 13:30

Instrument :
MSVOA_V
ClientSampleId :
MDL04



Tgt Ion:	180	Resp:	2516
Ion Ratio	Lower	Upper	
180	100		
182	72.5	77.0	115.6#
145	26.0	27.1	40.7#

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

