

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012125\
 Data File : VV038478.D
 Acq On : 21 Jan 2025 13:06
 Operator : SY/MD
 Sample : MDL03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

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

Quant Time: Jan 22 02:53:55 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	5.526	114	218470	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	230891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	94811	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	72880	4.045	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.532	69	67020	4.430	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.056	65	34004	4.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.809	46	148209m	39.113	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.220%
24) Chloroform-d	4.240	84	149333	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	4.934	65	67064	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	4.950	84	278160	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	5.979	67	87761	4.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.236	98	217479	3.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	7.555	79	24815	3.510	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.024	63	84655	30.348	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.700%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	61118	3.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	11.551	152	75399	4.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	4609	0.188	ug/L	97
5) Vinyl chloride	1.282	62	5061	0.200	ug/L #	23
6) Bromomethane	1.487	94	2887	0.228	ug/L	88
8) Chloroethane	1.548	64	6021m	0.397	ug/L	
9) Trichlorofluoromethane	1.712	101	6271	0.195	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	4691	0.255	ug/L	87
12) 1,1-Dichloroethene	2.066	96	4682	0.258	ug/L #	1
14) Carbon disulfide	2.236	76	12310	0.202	ug/L	96
15) Methyl Acetate	2.417	43	1957m	0.260	ug/L	
16) Methylene chloride	2.449	84	4112	0.205	ug/L	92
17) Methyl tert-butyl Ether	2.703	73	6373	0.167	ug/L #	92
18) trans-1,2-Dichloroethene	2.700	96	3746	0.201	ug/L	90
19) 1,1-Dichloroethane	3.105	63	7130m	0.201	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	3284	0.173	ug/L	91
23) Bromochloromethane	4.156	128	1573	0.183	ug/L	91
25) Chloroform	4.272	83	8165	0.233	ug/L	94
27) 1,2-Dichloroethane	5.066	62	4518m	0.232	ug/L	
29) 1,1,1-Trichloroethane	4.503	97	5886	0.192	ug/L	93
30) Cyclohexane	4.577	56	4878m	0.174	ug/L	

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

31) Carbon tetrachloride	4.725	117	4980	0.184	ug/L	89
33) Benzene	5.008	78	12886m	0.176	ug/L	
34) Trichloroethene	5.844	95	4006m	0.210	ug/L	
35) Methylcyclohexane	6.034	83	4833	0.166	ug/L	92
37) 1,2-Dichloropropane	6.092	63	4756m	0.251	ug/L	
38) Bromodichloromethane	6.445	83	4247	0.173	ug/L #	98
39) cis-1,3-Dichloropropene	6.966	75	4376m	0.168	ug/L	
40) 4-Methyl-2-pentanone	7.172	43	16220m	1.656	ug/L	
42) Toluene	7.323	91	12449	0.163	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	4820	0.218	ug/L	96
45) 1,1,2-Trichloroethane	7.783	97	2151	0.158	ug/L #	87
47) Tetrachloroethene	7.905	164	2902	0.197	ug/L	96
48) 2-Hexanone	8.085	43	38378m	5.410	ug/L	
49) Dibromochloromethane	8.169	129	2710	0.173	ug/L	87
50) 1,2-Dibromoethane	8.288	107	2644	0.209	ug/L #	86
51) Chlorobenzene	8.812	112	9370	0.182	ug/L	91
52) Ethylbenzene	8.953	91	13487	0.164	ug/L	89
53) m,p-Xylene	9.079	106	4500	0.144	ug/L	83
54) o-Xylene	9.477	106	3859	0.130	ug/L	73
55) Styrene	9.522	104	6176m	0.119	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.172	83	3036	0.183	ug/L #	91
59) Bromoform	9.670	173	1331	0.201	ug/L #	91
60) Isopropylbenzene	9.863	105	11279m	0.177	ug/L	
61) 1,2,3-Trichloropropane	10.204	75	1970m	0.216	ug/L	
62) 1,3,5-Trimethylbenzene	10.474	105	8592m	0.172	ug/L	
63) 1,2,4-Trimethylbenzene	10.850	105	7410	0.149	ug/L	96
64) 1,3-Dichlorobenzene	11.120	146	5954	0.188	ug/L	90
65) 1,4-Dichlorobenzene	11.204	146	6637	0.203	ug/L	95
67) 1,2-Dichlorobenzene	11.574	146	6332	0.214	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	4161	0.191	ug/L #	90
70) 1,2,4-trichlorobenzene	13.214	180	2167	0.134	ug/L	91
71) Naphthalene	13.461	128	3553m	0.148	ug/L	
72) 1,2,3-Trichlorobenzene	13.686	180	2047m	0.146	ug/L	

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

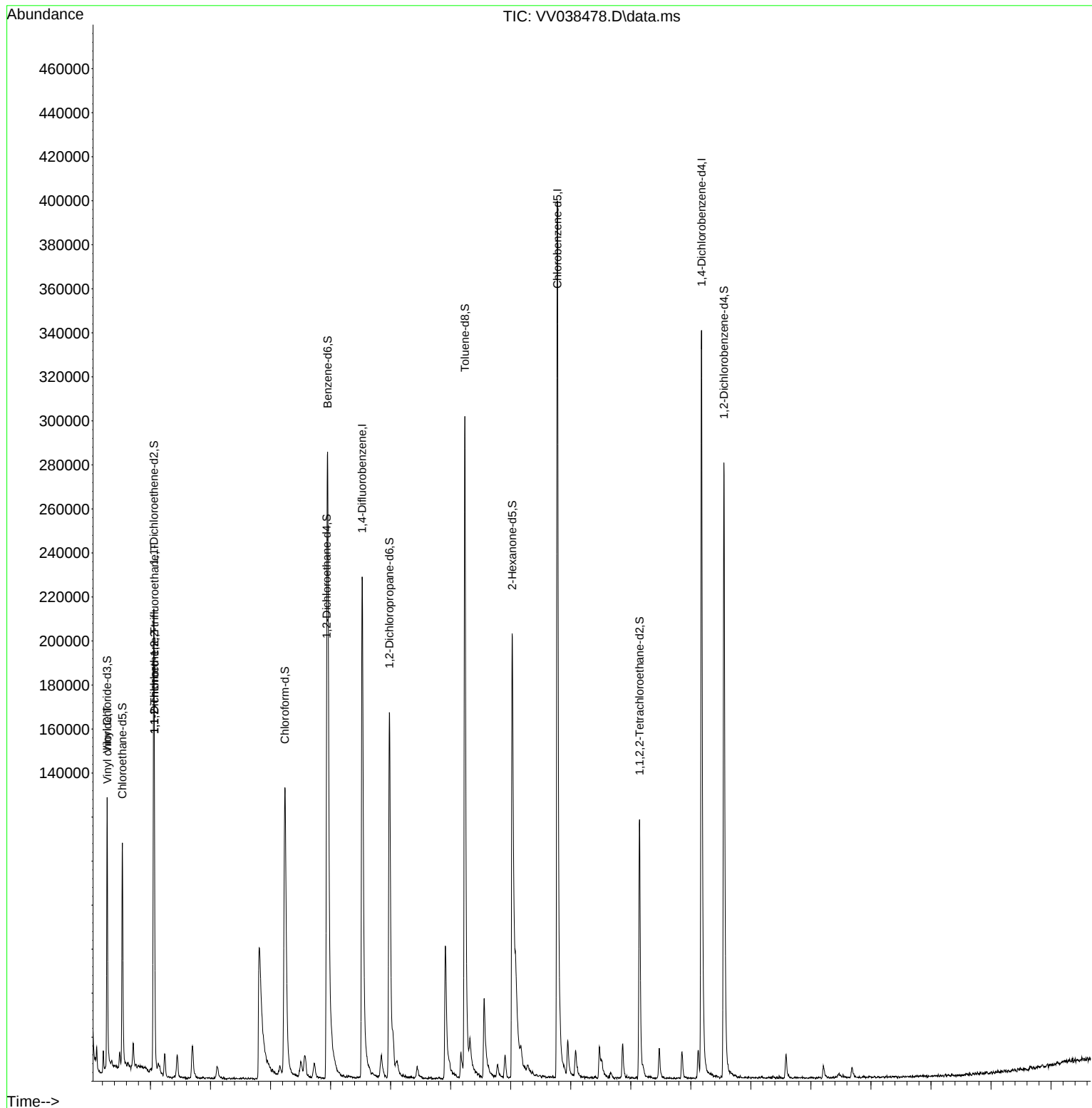
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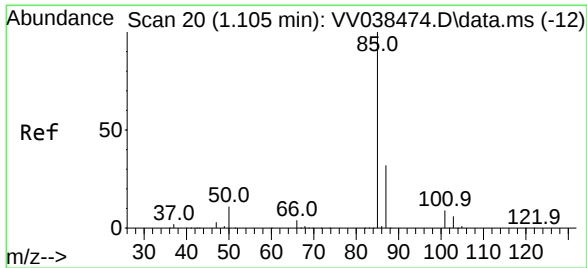
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ClientSampleId :
MDL03

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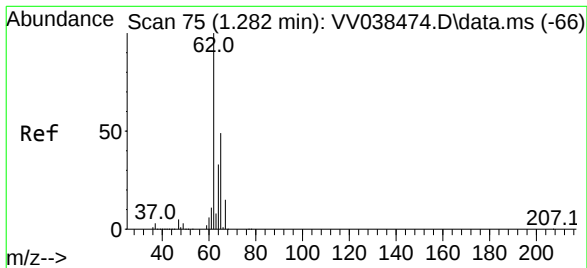
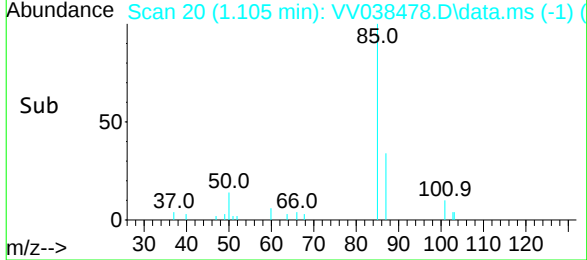
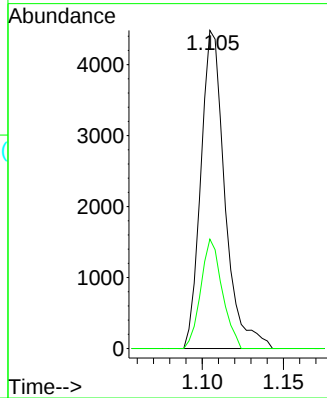
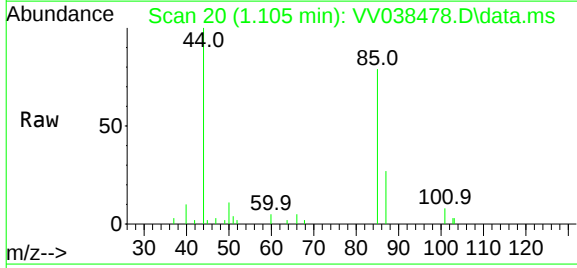
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 Dichlorodifluoromethane
 Concen: 0.188 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038478.D
 Acq: 21 Jan 2025 13:06

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Tgt Ion: 85 Resp: 4609
 Ion Ratio Lower Upper
 85 100
 87 30.7 26.0 39.0

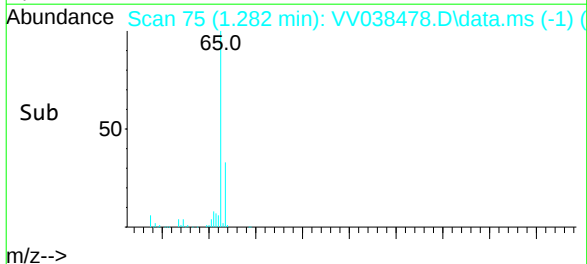
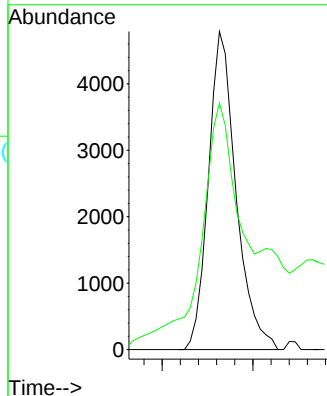
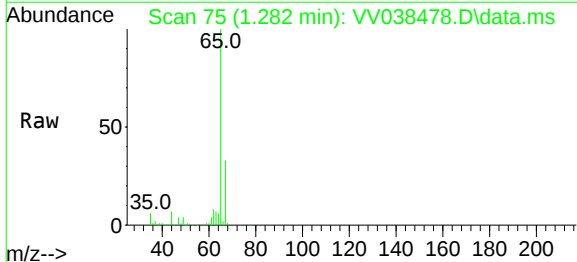
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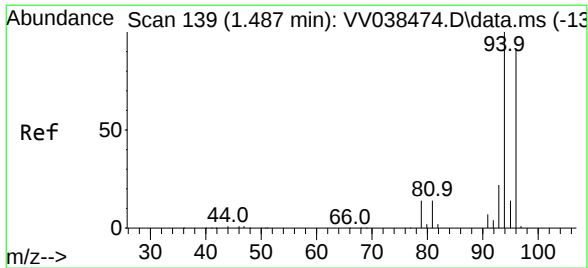
Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025



#5
 Vinyl chloride
 Concen: 0.200 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038478.D
 Acq: 21 Jan 2025 13:06

Tgt Ion: 62 Resp: 5061
 Ion Ratio Lower Upper
 62 100
 64 77.5 23.5 43.7#





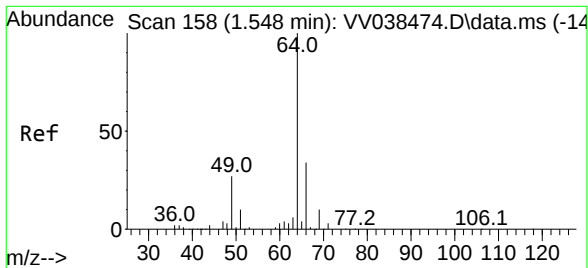
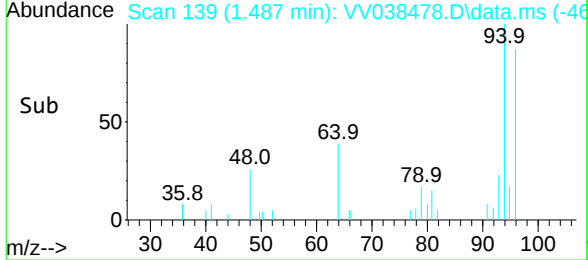
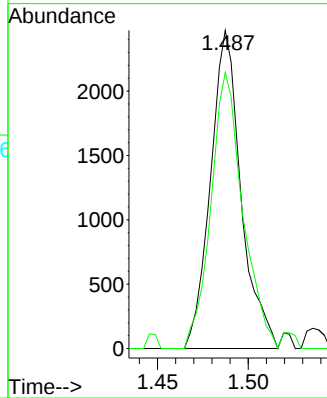
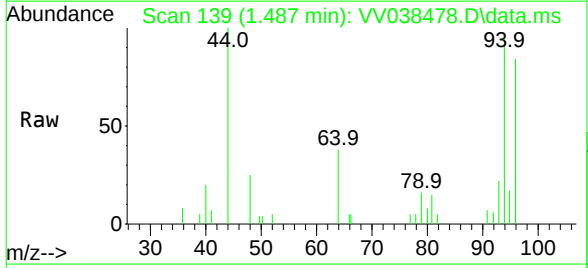
#6
Bromomethane
Concen: 0.228 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.000 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 94 Resp: 2887
Ion Ratio Lower Upper
94 100
96 86.8 68.9 127.9

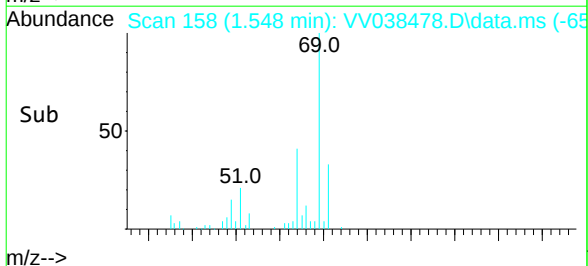
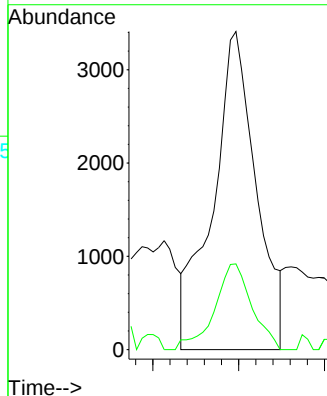
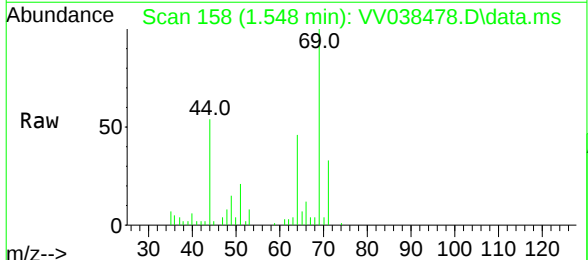
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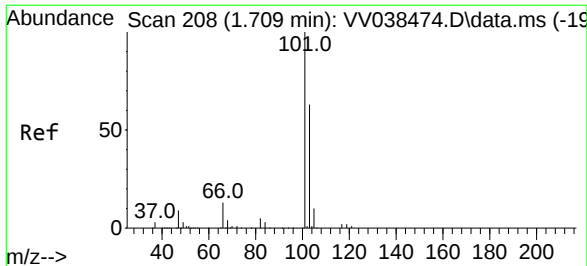
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#8
Chloroethane
Concen: 0.397 ug/L m
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 64 Resp: 6021
Ion Ratio Lower Upper
64 100
66 27.0 22.7 42.1





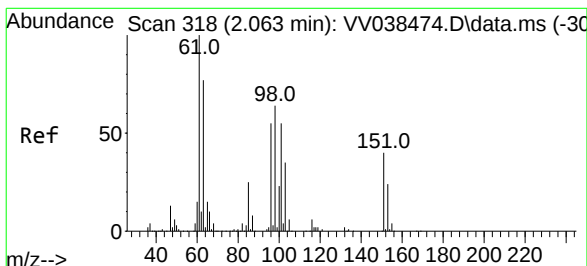
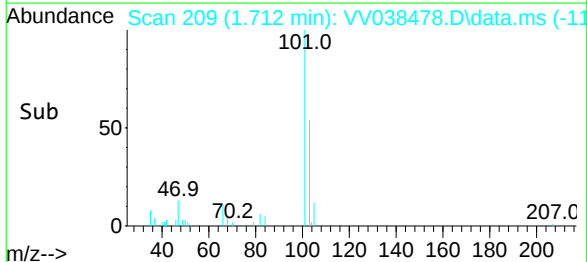
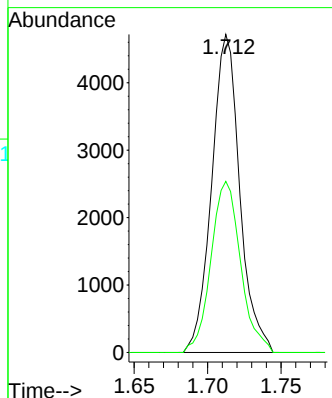
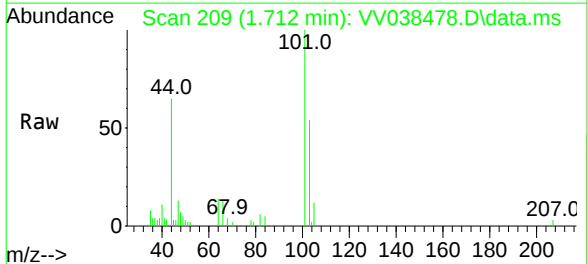
#9
Trichlorofluoromethane
Concen: 0.195 ug/L
RT: 1.712 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Instrument :
MSVOA_V
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Tgt Ion:101 Resp: 6271
Ion Ratio Lower Upper
101 100
103 56.8 51.5 77.3

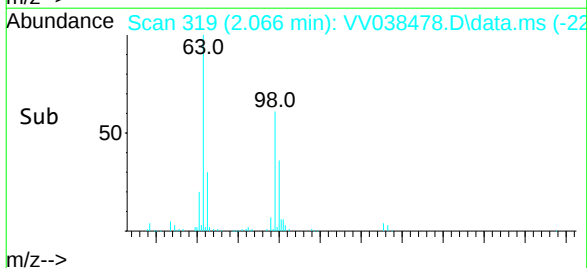
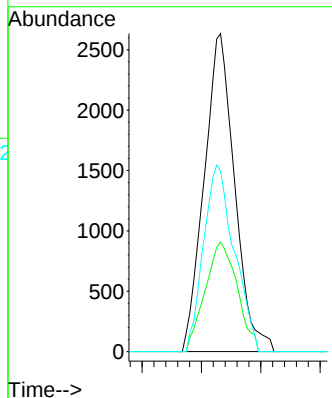
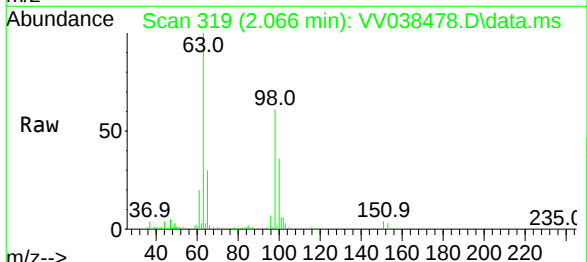
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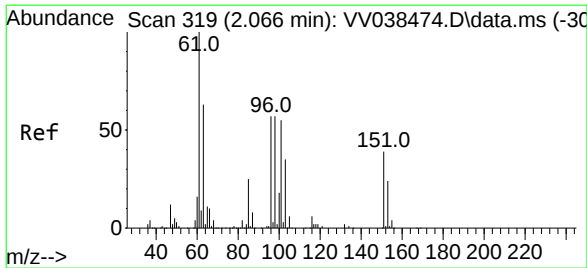
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.255 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

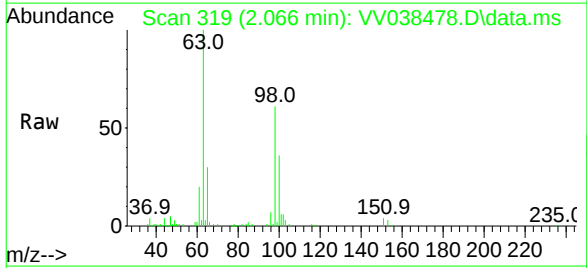
Tgt Ion:101 Resp: 4691
Ion Ratio Lower Upper
101 100
85 36.3 35.2 52.8
151 59.2 56.6 85.0





#12
1,1-Dichloroethene
Concen: 0.258 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

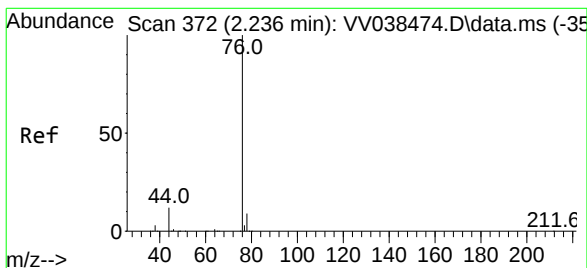
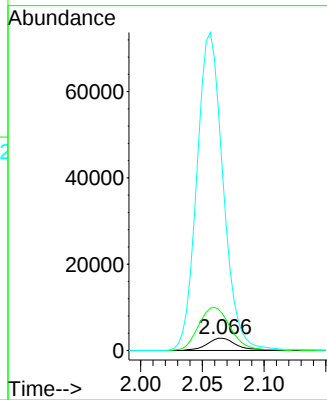
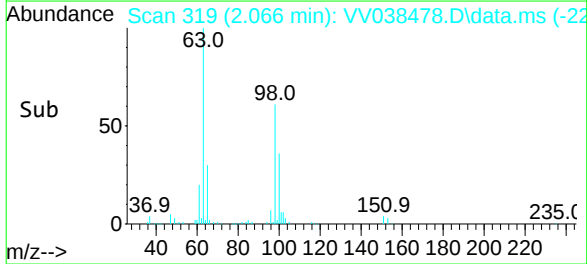
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion: 96 Resp: 4682
Ion Ratio Lower Upper
96 100
61 301.8 122.2 227.0
63 1483.7 86.2 160.0

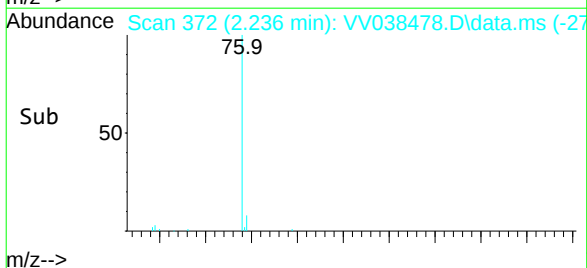
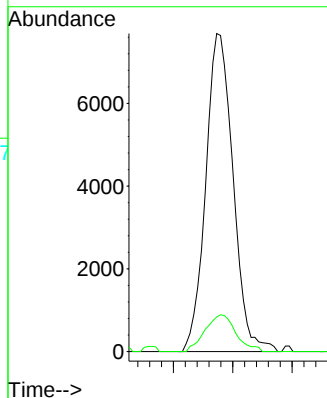
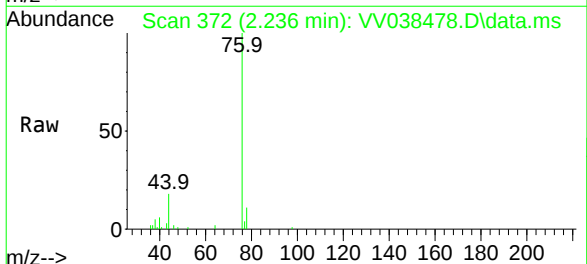
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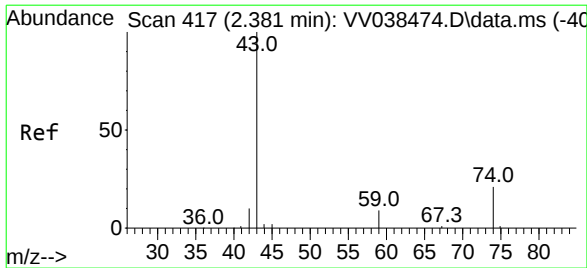
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#14
Carbon disulfide
Concen: 0.202 ug/L
RT: 2.236 min Scan# 372
Delta R.T. -0.000 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 76 Resp: 12310
Ion Ratio Lower Upper
76 100
78 10.9 7.6 11.4





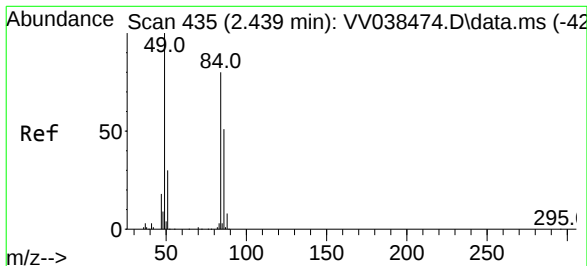
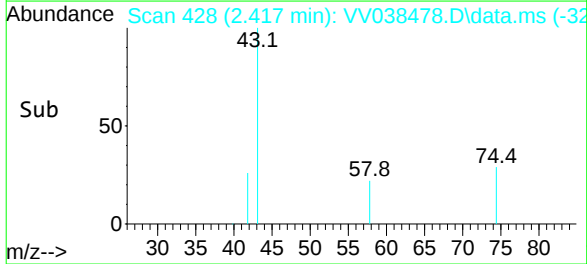
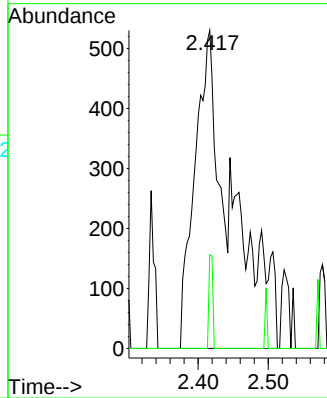
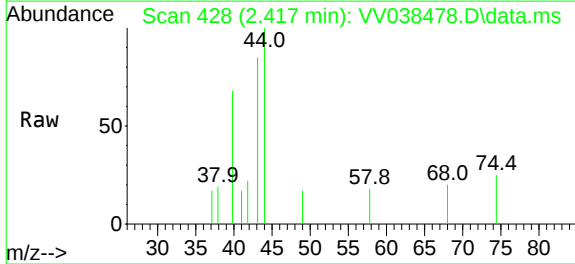
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Methyl Acetate
Concen: 0.260 ug/L m
RT: 2.417 min Scan# 42
Delta R.T. 0.035 min
Lab File: VV038478.D
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Tgt Ion: 43 Resp: 1957
Ion Ratio Lower Upper
43 100
74 3.1 20.4 30.6#

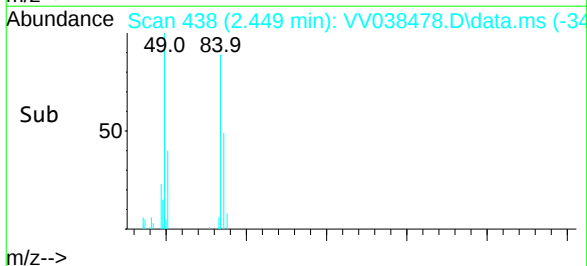
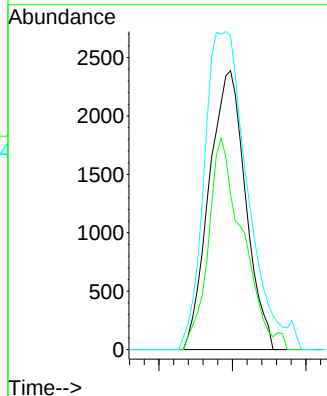
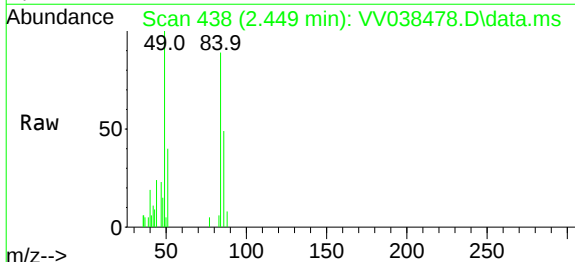
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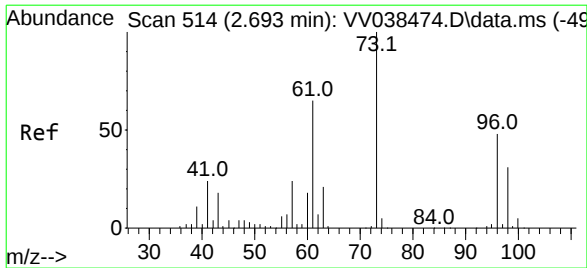
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#16
Methylene chloride
Concen: 0.205 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 84 Resp: 4112
Ion Ratio Lower Upper
84 100
86 55.6 44.7 82.9
49 112.4 84.1 156.1





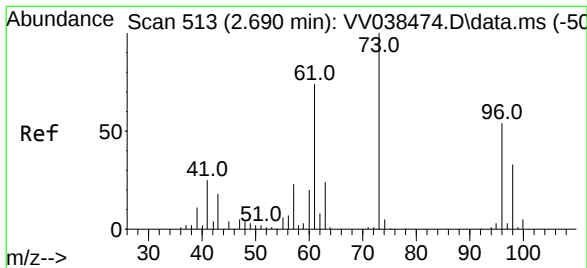
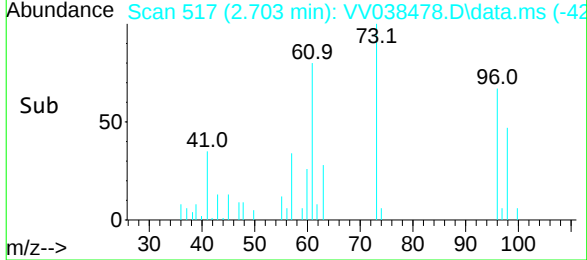
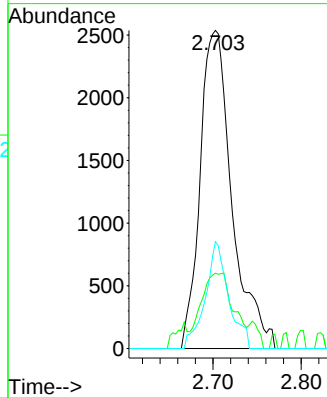
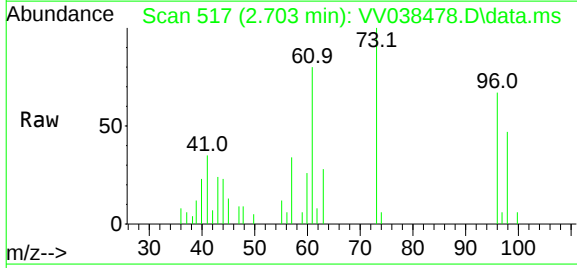
#17
Methyl tert-butyl Ether
Concen: 0.167 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion	Ratio	Lower	Upper
73	100		
43	24.0	14.6	21.8
57	24.6	17.9	26.9

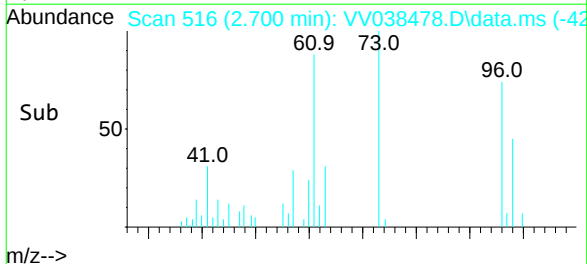
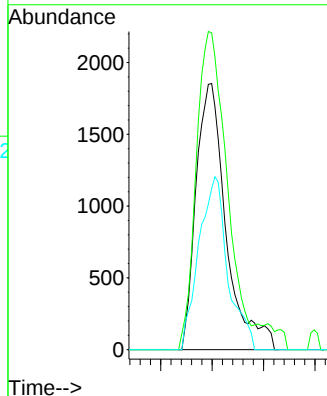
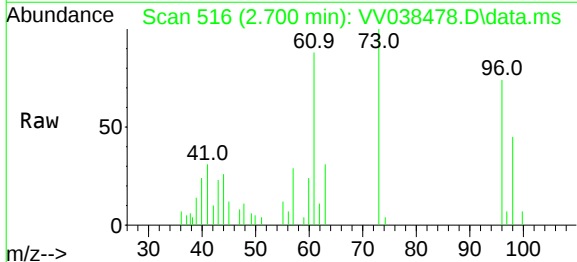
Manual Integrations
APPROVED

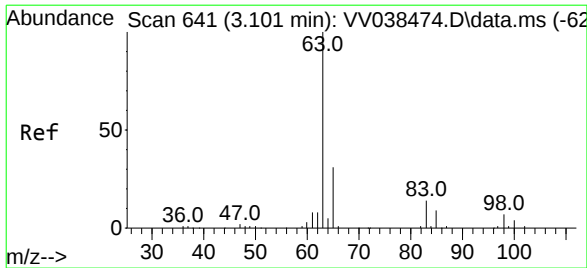
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#18
trans-1,2-Dichloroethene
Concen: 0.201 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	119.0	94.8	176.2
98	60.5	44.2	82.2





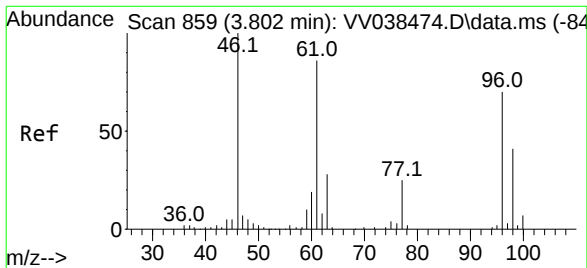
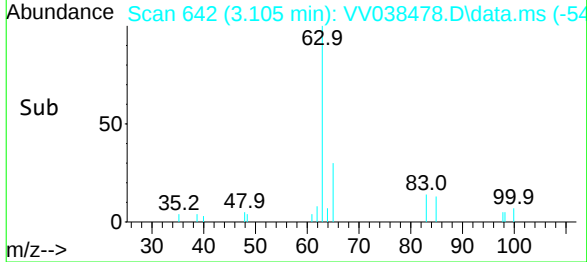
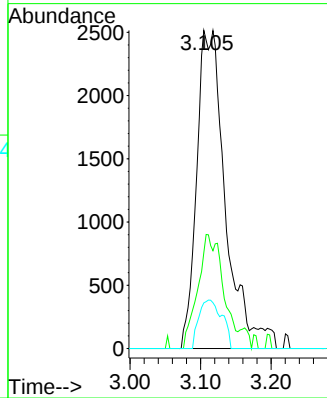
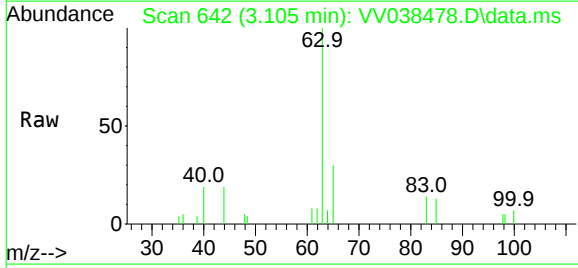
#19
1,1-Dichloroethane
Concen: 0.201 ug/L m
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.2	22.5	41.9
83	14.4	9.4	17.6

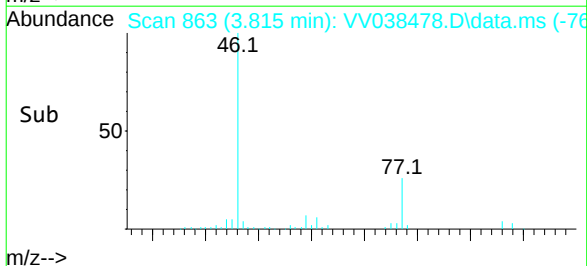
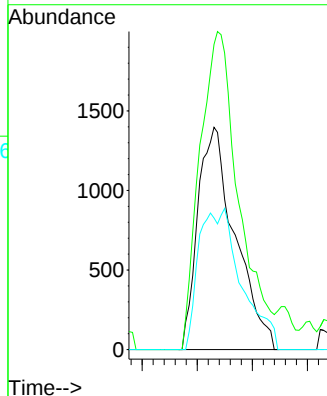
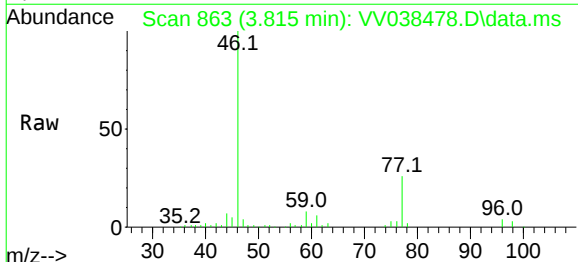
Manual Integrations
APPROVED

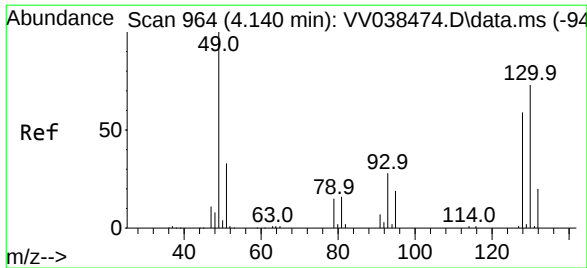
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#22
cis-1,2-Dichloroethene
Concen: 0.173 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.013 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

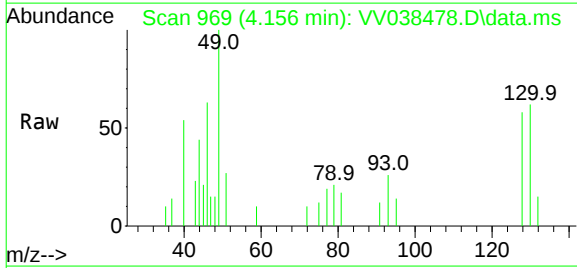
Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.3	86.5	160.7
98	59.2	43.8	81.3





#23
Bromochloromethane
Concen: 0.183 ug/L
RT: 4.156 min Scan# 964
Delta R.T. 0.016 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

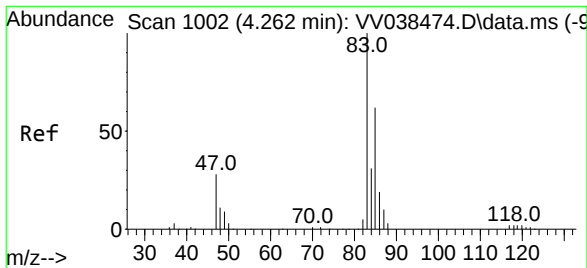
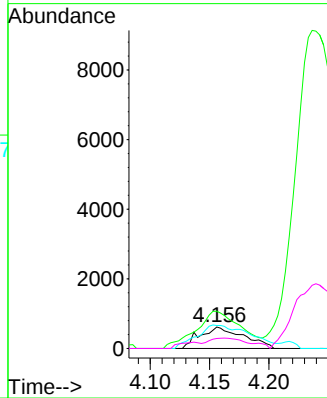
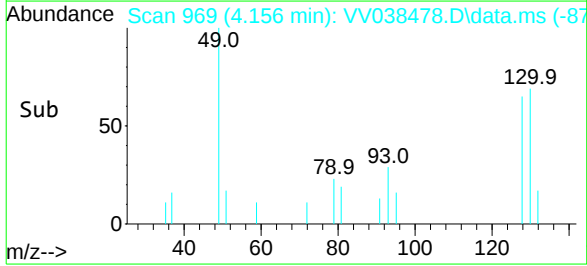
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion: 128 Resp: 1573
Ion Ratio Lower Upper
128 100
49 173.4 121.0 224.8
130 107.0 90.1 167.3
51 46.5 43.3 64.9

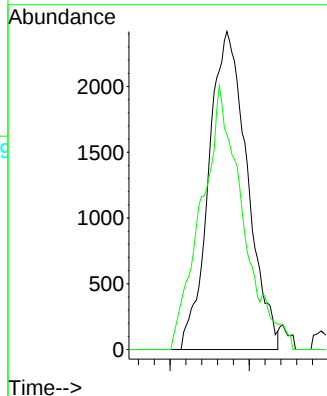
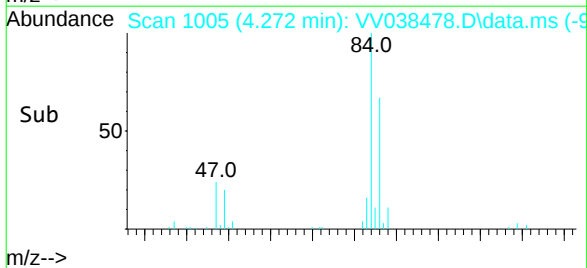
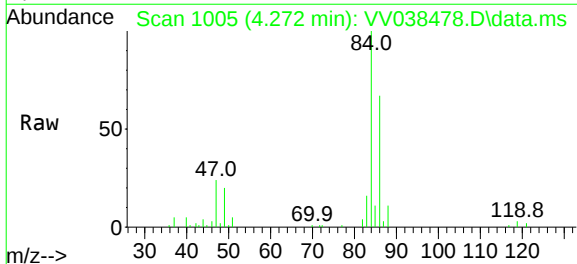
Manual Integrations
APPROVED

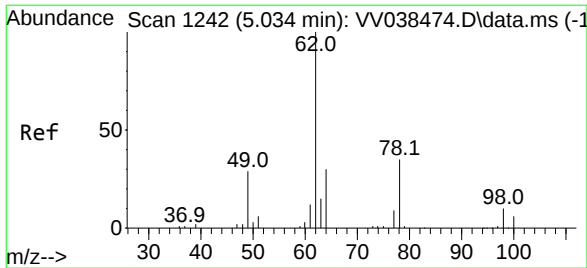
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#25
Chloroform
Concen: 0.233 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

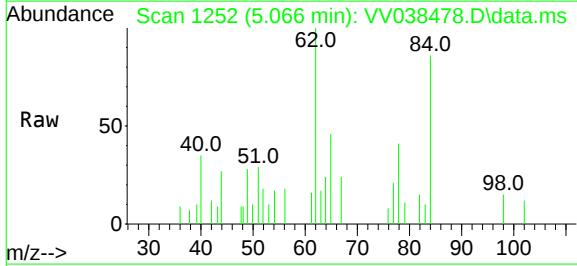
Tgt Ion: 83 Resp: 8165
Ion Ratio Lower Upper
83 100
85 67.6 44.0 81.8





#27
1,2-Dichloroethane
Concen: 0.232 ug/L m
RT: 5.066 min Scan# 12
Delta R.T. 0.032 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

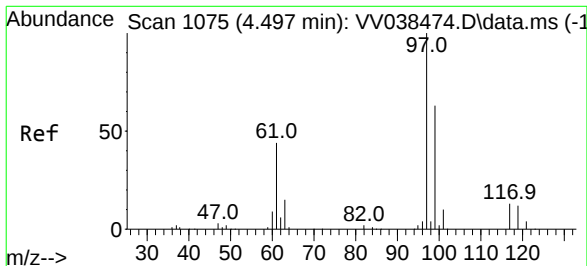
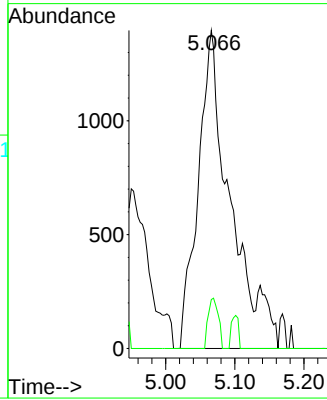
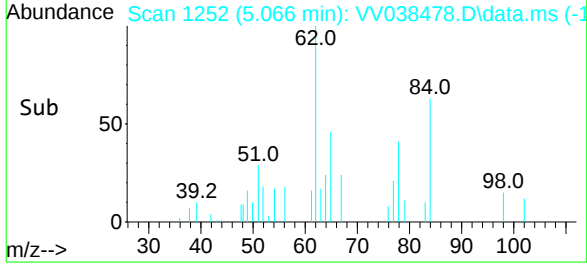
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion: 62 Resp: 4518
Ion Ratio Lower Upper
62 100
98 15.4 7.8 11.6#

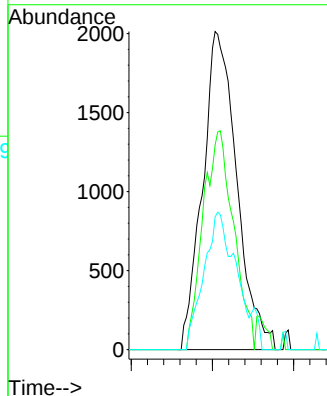
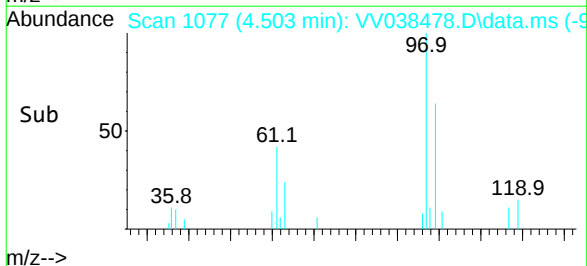
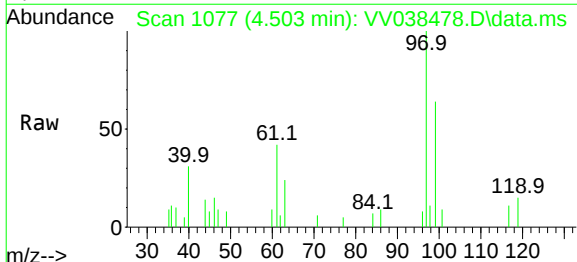
Manual Integrations
APPROVED

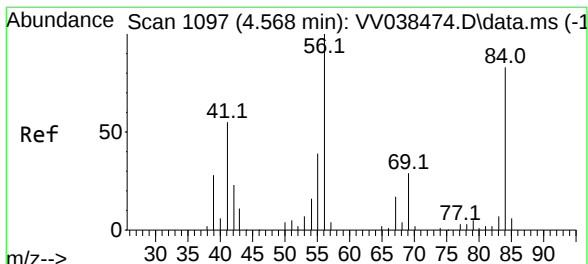
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#29
1,1,1-Trichloroethane
Concen: 0.192 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion: 97 Resp: 5886
Ion Ratio Lower Upper
97 100
99 61.3 52.9 79.3
61 39.5 36.4 54.6





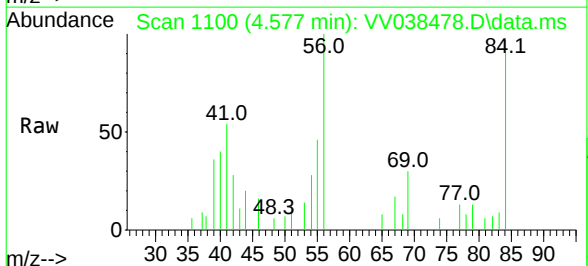
#30
Cyclohexane
Concen: 0.174 ug/L m
RT: 4.577 min Scan# 1100
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

ClientSampleId :

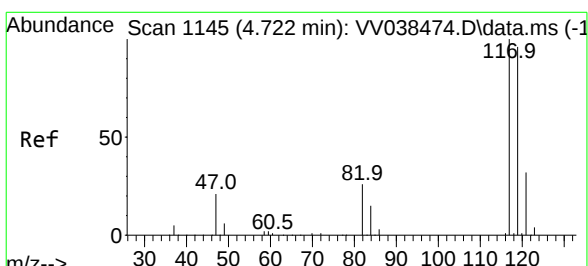
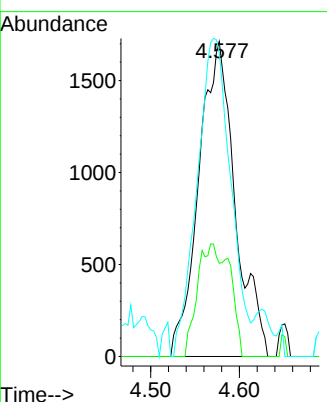
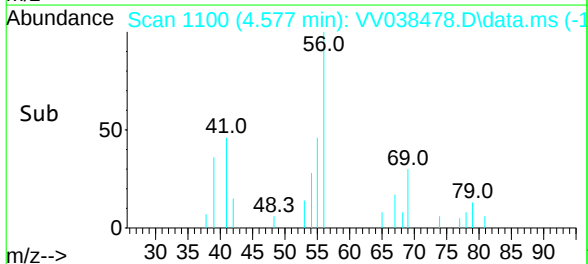
MDL03



Tgt Ion:	56	Resp:	4878
Ion	Ratio	Lower	Upper
56	100		
69	22.8	24.7	37.1
84	93.3	68.2	102.2

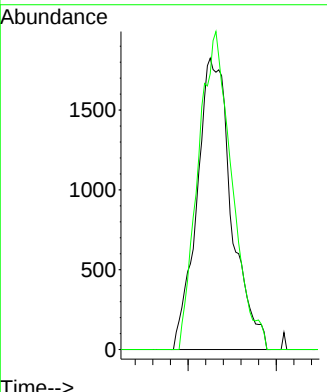
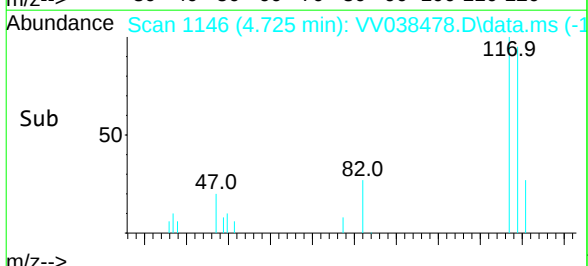
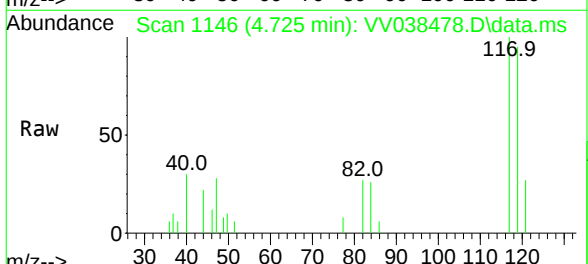
Manual Integrations
APPROVED

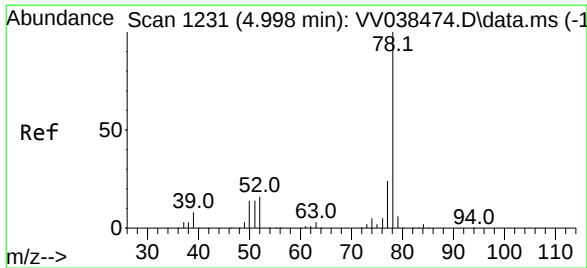
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#31
Carbon tetrachloride
Concen: 0.184 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion:	117	Resp:	4980
Ion	Ratio	Lower	Upper
117	100		
119	106.5	76.6	115.0





#33

Benzene

Concen: 0.176 ug/L m

RT: 5.008 min Scan# 12

Delta R.T. 0.010 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

ClientSampleId :

MDL03

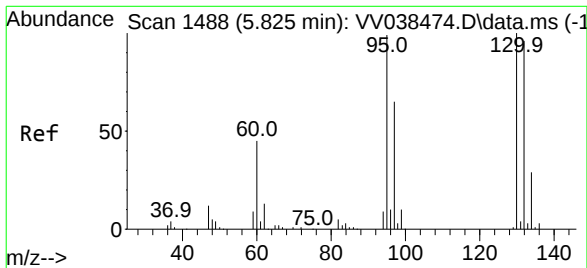
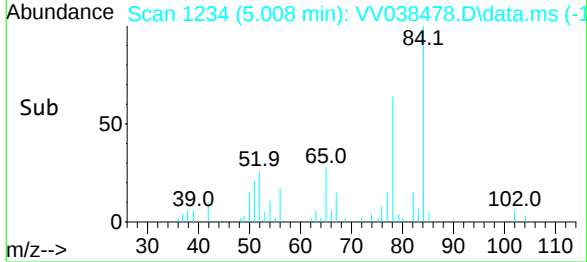
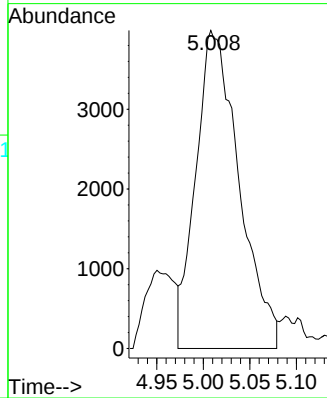
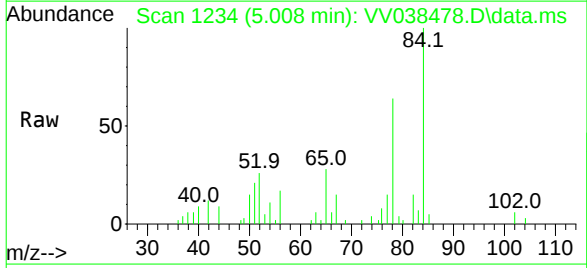
Tgt Ion: 78 Resp: 12886

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#34

Trichloroethene

Concen: 0.210 ug/L m

RT: 5.844 min Scan# 1494

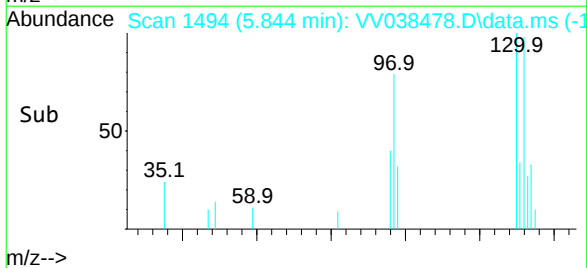
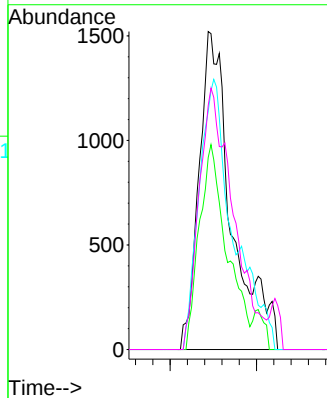
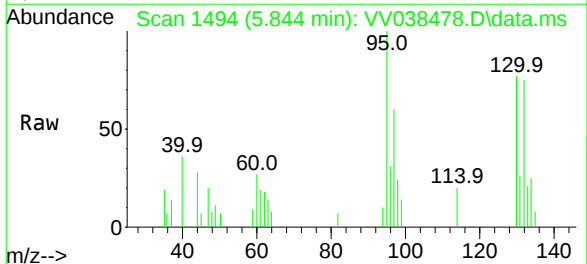
Delta R.T. 0.019 min

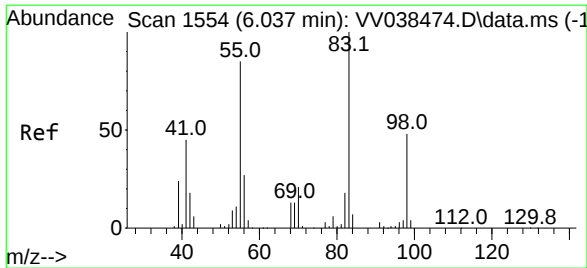
Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Tgt Ion: 95 Resp: 4006

Ion	Ratio	Lower	Upper
95	100		
97	60.4	43.4	80.6
132	74.9	65.5	121.6
130	76.7	65.5	121.6





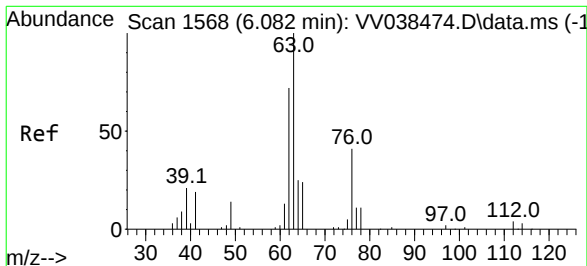
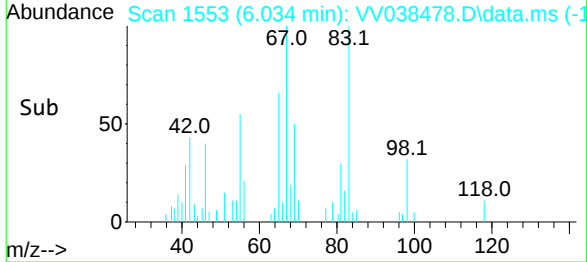
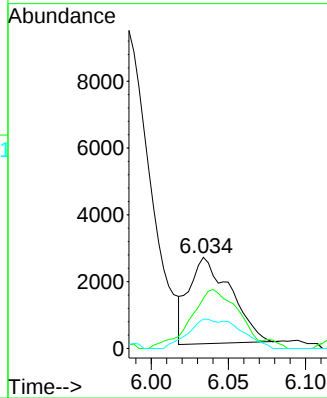
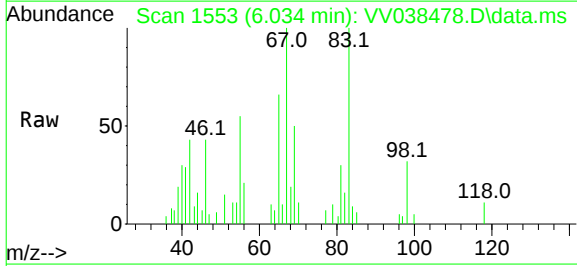
#35
Methylcyclohexane
Concen: 0.166 ug/L
RT: 6.034 min Scan# 1553
Delta R.T. -0.003 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.5	59.4	89.0
98	42.8	37.8	56.8

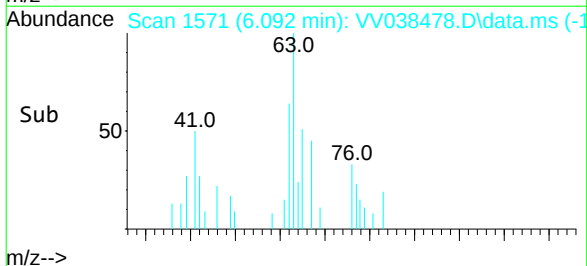
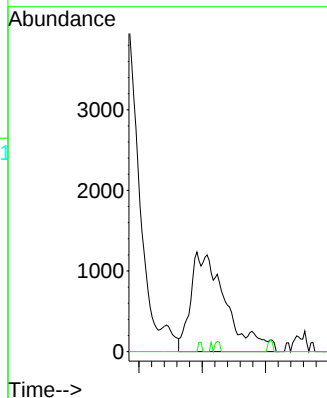
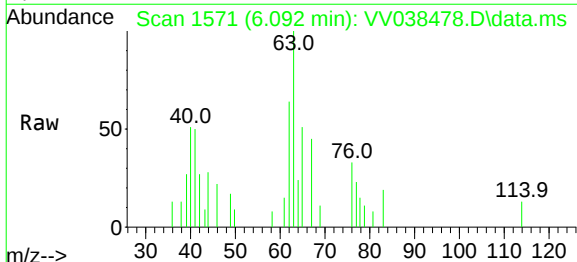
Manual Integrations
APPROVED

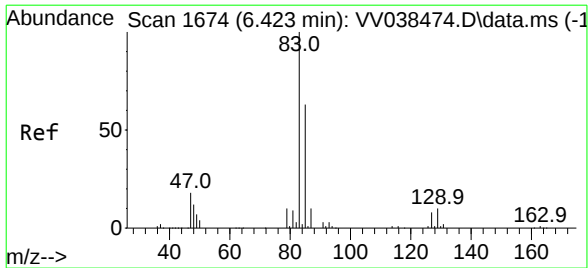
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#37
1,2-Dichloropropane
Concen: 0.251 ug/L m
RT: 6.092 min Scan# 1571
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.9	4.1	6.1#





#38

Bromodichloromethane

Concen: 0.173 ug/L

RT: 6.445 min Scan# 16

Delta R.T. 0.022 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

ClientSampleId :

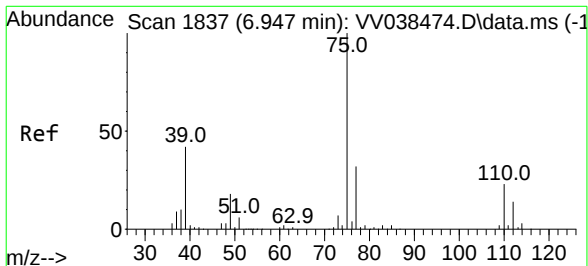
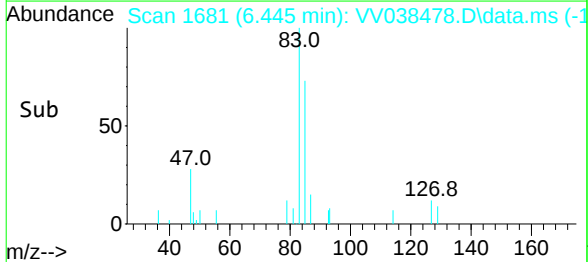
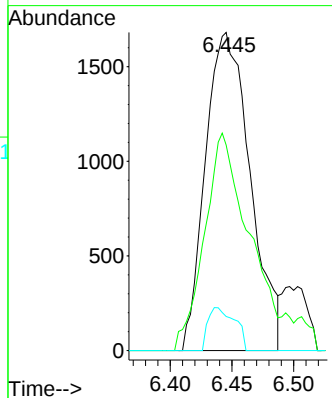
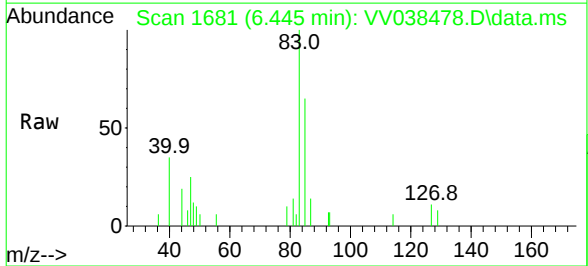
MDL03

Tgt Ion:	83	Resp:	4247
Ion Ratio	Lower	Upper	
83	100		
85	64.6	44.7	83.1
127	10.7	6.8	10.2

Manual Integrations

APPROVED

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



#39

cis-1,3-Dichloropropene

Concen: 0.168 ug/L m

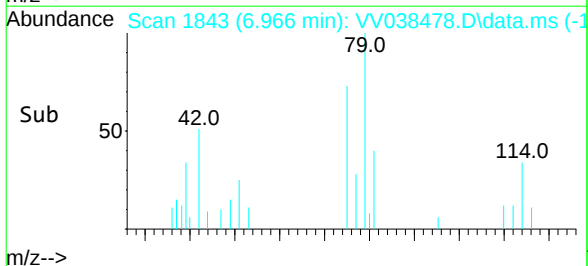
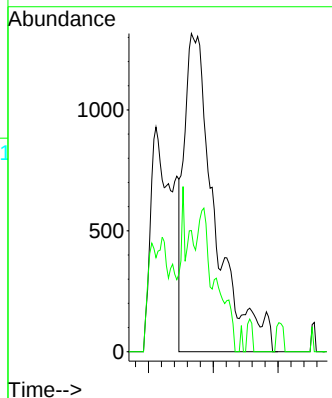
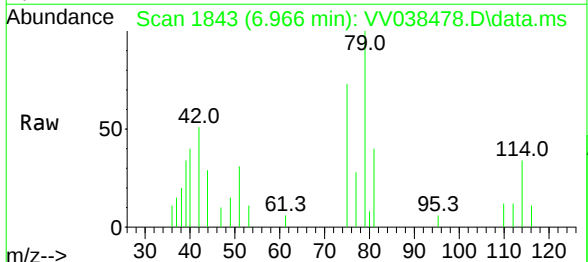
RT: 6.966 min Scan# 1843

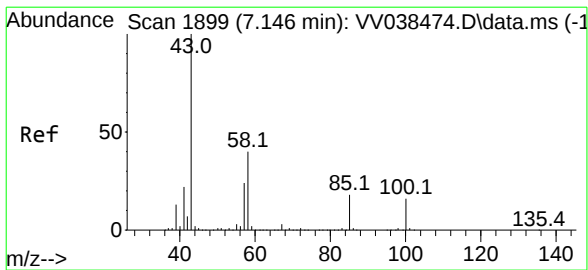
Delta R.T. 0.019 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Tgt Ion:	75	Resp:	4376
Ion Ratio	Lower	Upper	
75	100		
77	38.1	21.7	40.3





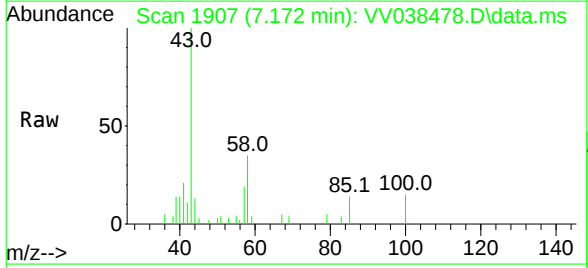
#40
 4-Methyl-2-pentanone
 Concen: 1.656 ug/L m
 RT: 7.172 min Scan# 19
 Delta R.T. 0.026 min
 Lab File: VV038478.D
 Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

ClientSampleId :

MDL03



Tgt Ion: 43 Resp: 16220

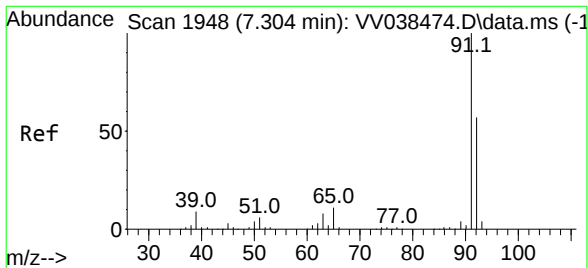
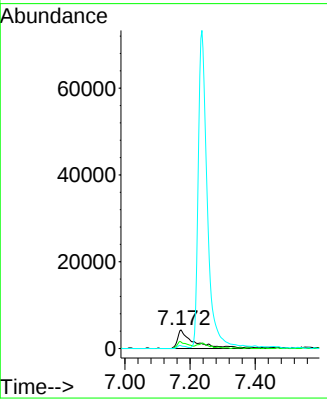
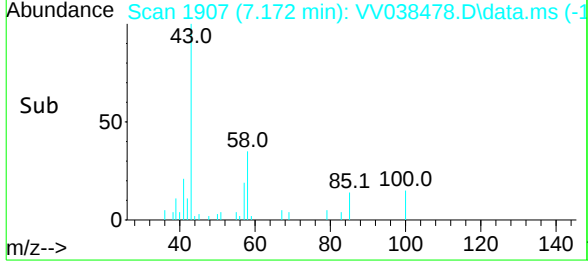
Ion	Ratio	Lower	Upper
43	100		
58	21.6	31.7	47.5
100	0.0	12.4	18.6

Manual Integrations

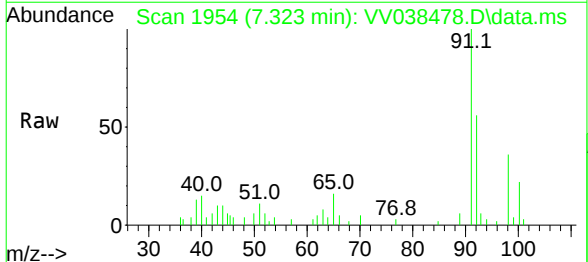
APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025

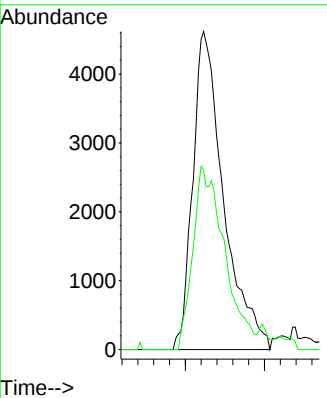
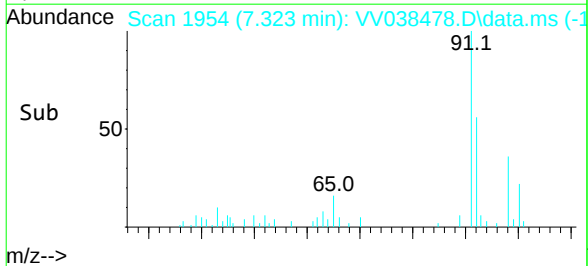


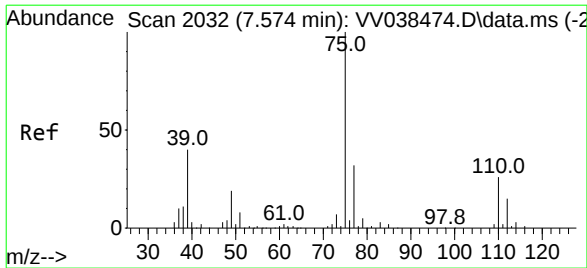
#42
 Toluene
 Concen: 0.163 ug/L
 RT: 7.323 min Scan# 1954
 Delta R.T. 0.019 min
 Lab File: VV038478.D
 Acq: 21 Jan 2025 13:06



Tgt Ion: 91 Resp: 12449

Ion	Ratio	Lower	Upper
91	100		
92	56.3	40.6	75.4





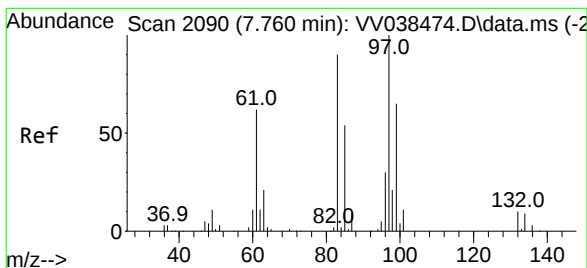
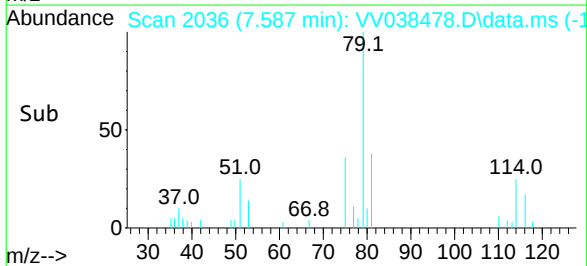
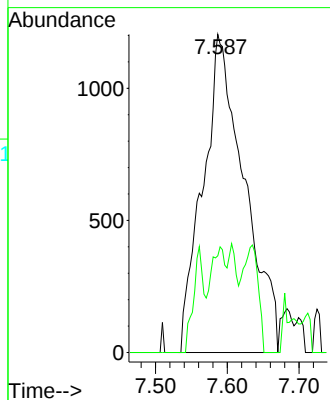
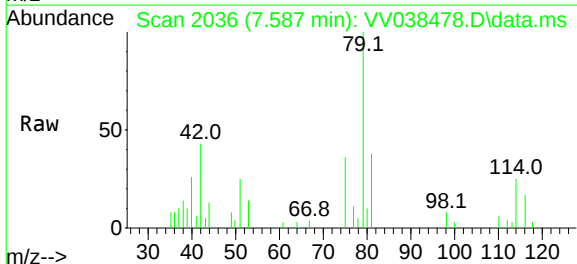
#44
trans-1,3-Dichloropropene
Concen: 0.218 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. 0.013 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 75 Resp: 4820
Ion Ratio Lower Upper
75 100
77 30.4 22.8 42.4

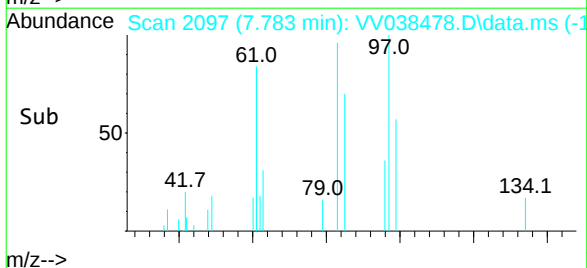
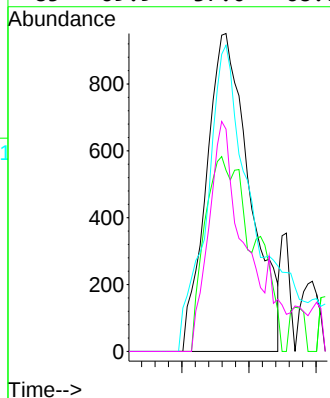
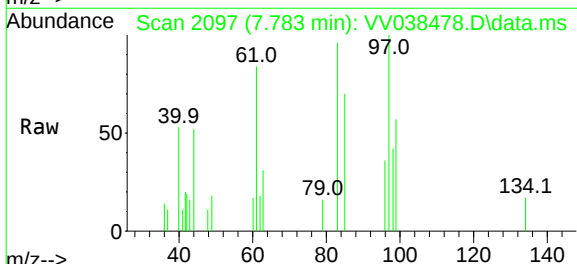
Manual Integrations
APPROVED

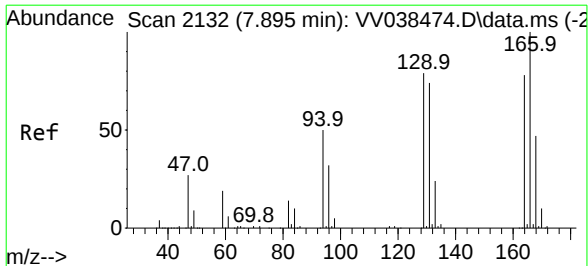
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#45
1,1,2-Trichloroethane
Concen: 0.158 ug/L
RT: 7.783 min Scan# 2097
Delta R.T. 0.022 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

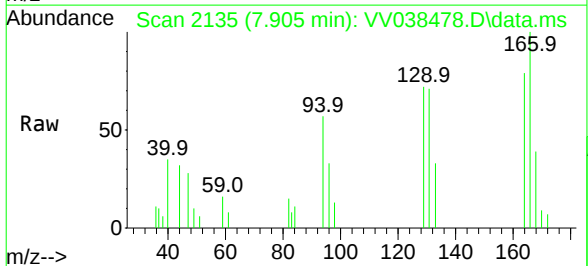
Tgt Ion: 97 Resp: 2151
Ion Ratio Lower Upper
97 100
99 57.0 42.3 78.5
83 96.3 59.4 110.4
85 69.9 37.0 68.6#





#47
Tetrachloroethene
Concen: 0.197 ug/L
RT: 7.905 min Scan# 2132
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

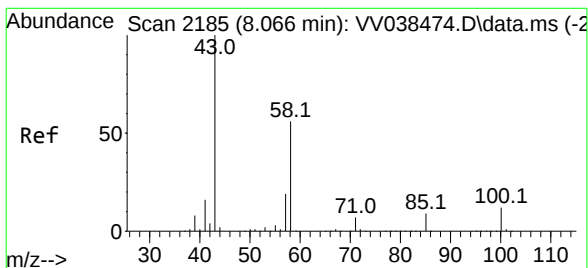
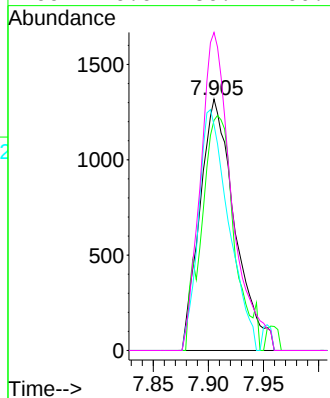
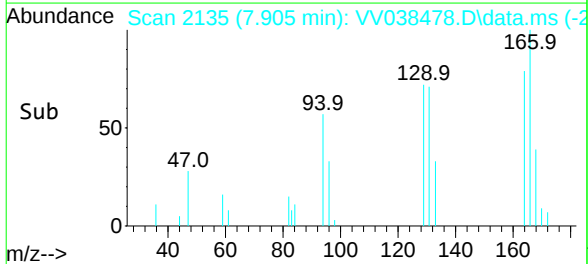
Instrument :
MSVOA_V
ClientSampleId :
MDL03



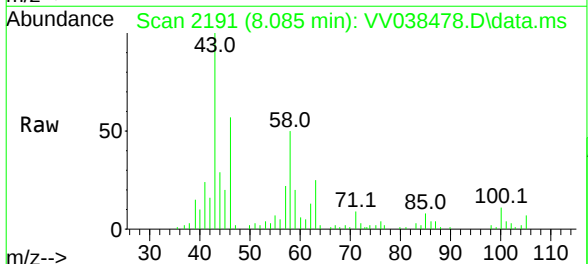
Tgt Ion: 164 Resp: 2902
Ion Ratio Lower Upper
164 100
129 91.6 68.9 127.9
131 89.8 65.2 121.2
166 126.6 86.7 160.9

Manual Integrations
APPROVED

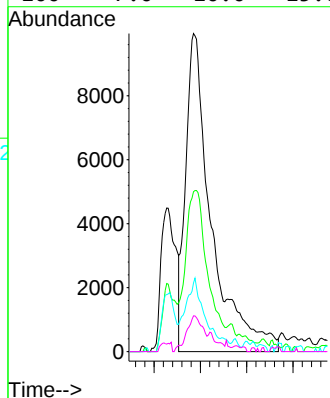
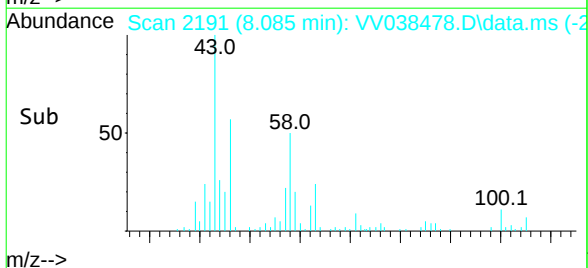
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

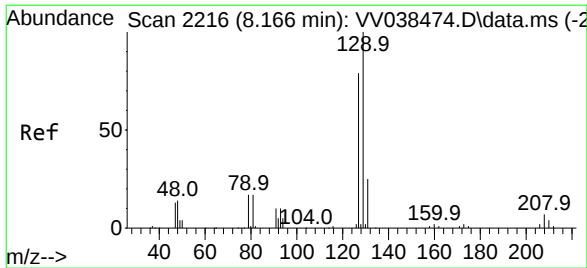


#48
2-Hexanone
Concen: 5.410 ug/L m
RT: 8.085 min Scan# 2191
Delta R.T. 0.019 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06



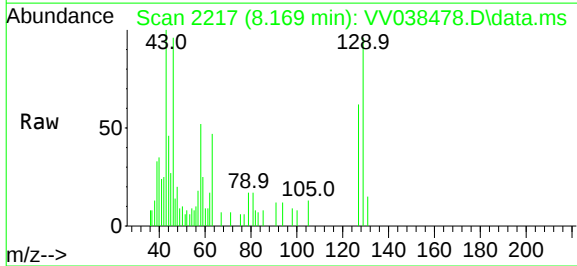
Tgt Ion: 43 Resp: 38378
Ion Ratio Lower Upper
43 100
58 40.2 43.6 65.4#
57 13.3 15.0 22.4#
100 7.0 10.0 15.0#





#49
Dibromochloromethane
Concen: 0.173 ug/L
RT: 8.169 min Scan# 2216
Delta R.T. 0.003 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

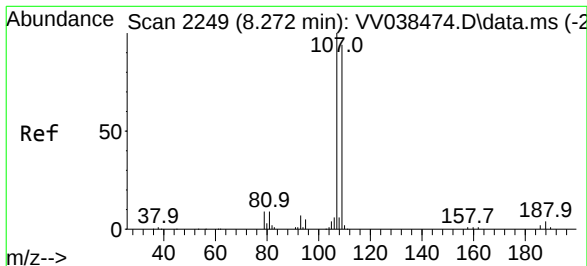
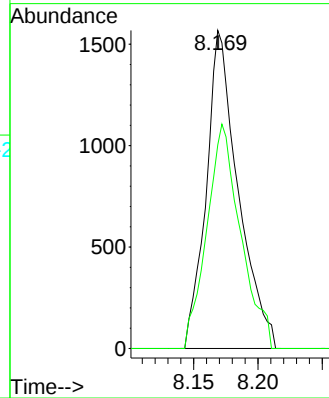
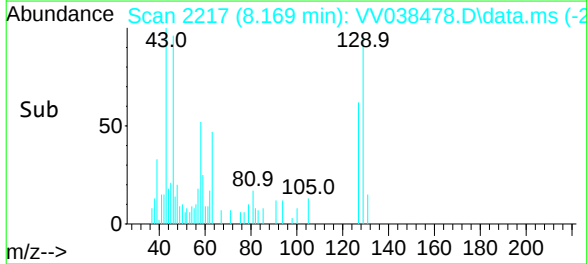
Instrument :
MSVOA_V
ClientSampleId :
MDL03



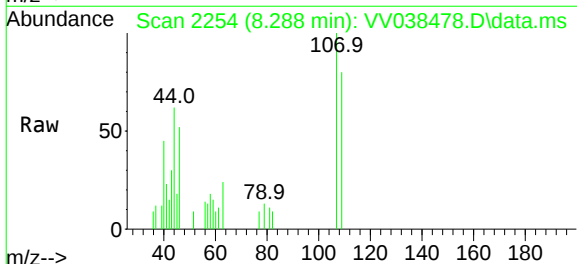
Tgt Ion:129 Resp: 2710
Ion Ratio Lower Upper
129 100
127 64.0 52.8 98.2

Manual Integrations
APPROVED

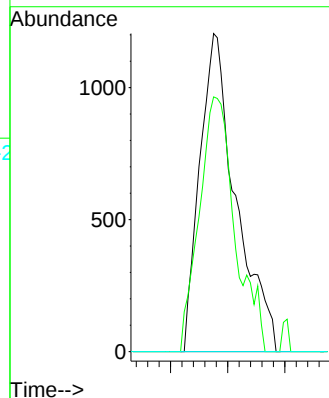
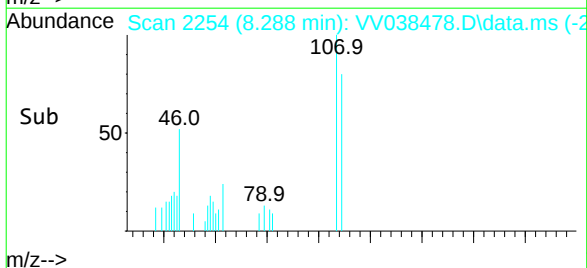
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

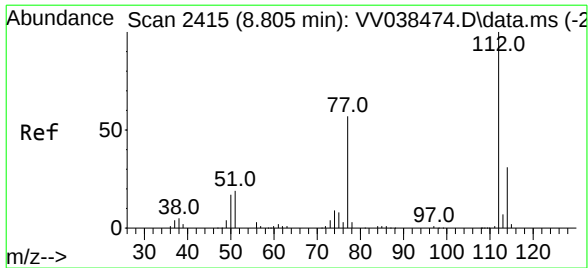


#50
1,2-Dibromoethane
Concen: 0.209 ug/L
RT: 8.288 min Scan# 2254
Delta R.T. 0.016 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06



Tgt Ion:107 Resp: 2644
Ion Ratio Lower Upper
107 100
109 80.1 65.9 122.3
188 0.0 2.8 4.2#





#51

Chlorobenzene

Concen: 0.182 ug/L

RT: 8.812 min Scan# 2415

Delta R.T. 0.006 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

ClientSampleId :

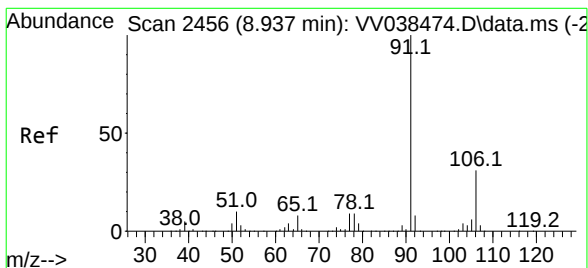
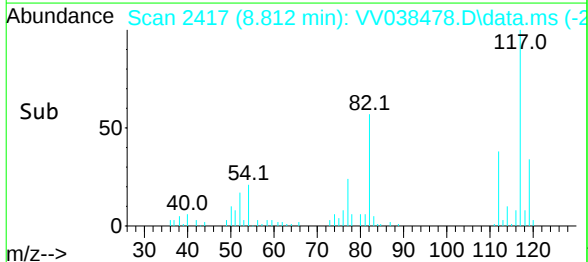
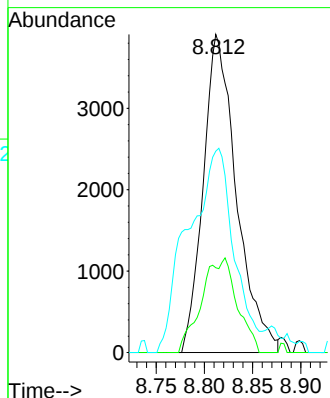
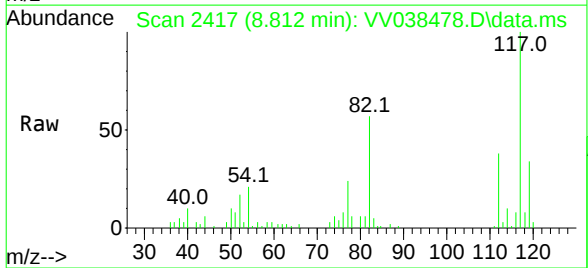
MDL03

Tgt Ion:	112	Resp:	9370
Ion	Ratio	Lower	Upper
112	100		
114	26.6	22.9	42.5
77	63.3	46.1	69.1

Manual Integrations

APPROVED

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



#52

Ethylbenzene

Concen: 0.164 ug/L

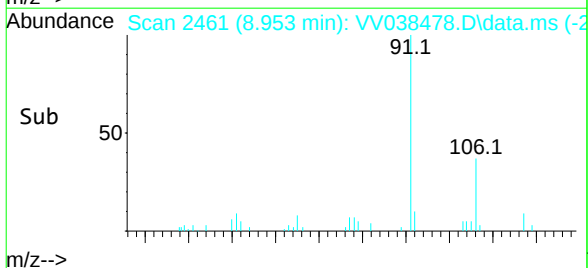
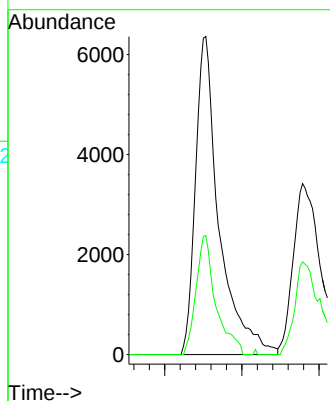
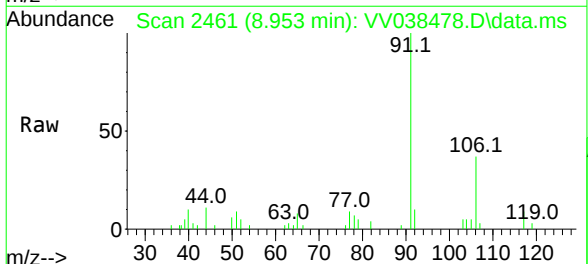
RT: 8.953 min Scan# 2461

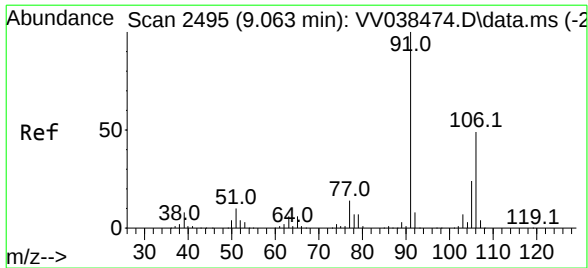
Delta R.T. 0.016 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Tgt Ion:	91	Resp:	13487
Ion	Ratio	Lower	Upper
91	100		
106	37.4	22.0	40.8





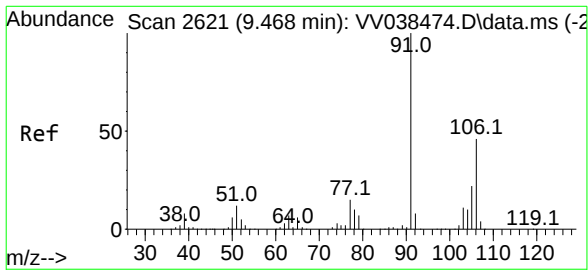
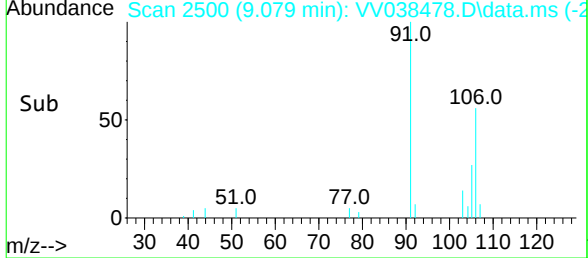
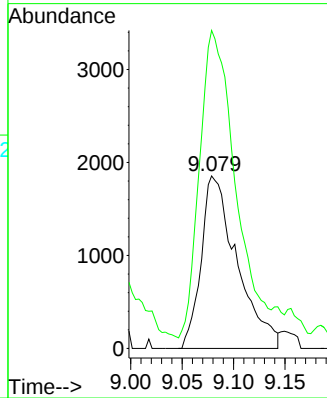
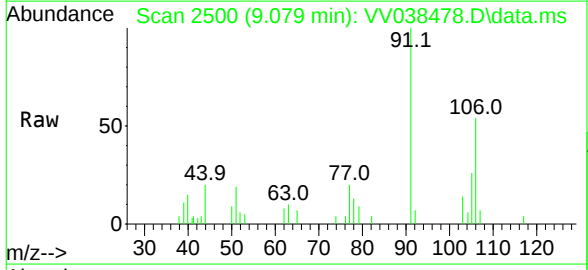
#53
m,p-Xylene
Concen: 0.144 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.016 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:106 Resp: 4500
Ion Ratio Lower Upper
106 100
91 184.4 148.2 275.2

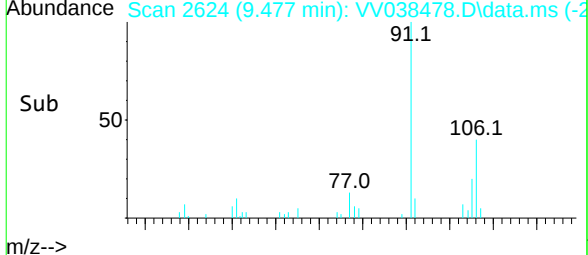
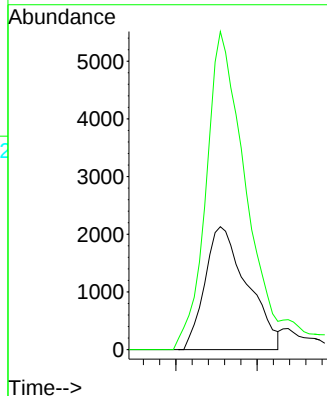
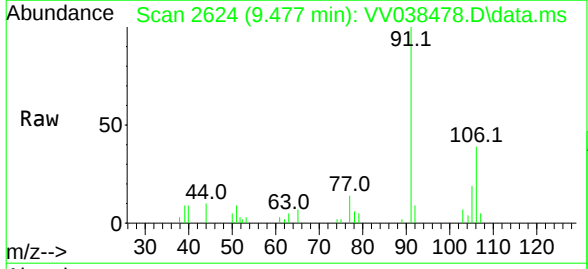
Manual Integrations
APPROVED

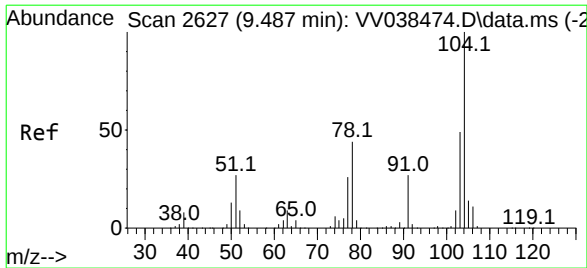
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#54
o-Xylene
Concen: 0.130 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion:106 Resp: 3859
Ion Ratio Lower Upper
106 100
91 258.8 151.4 281.2





#55

Styrene

Concen: 0.119 ug/L m

RT: 9.522 min Scan# 26

Delta R.T. 0.035 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion:104 Resp: 6176

Ion Ratio Lower Upper

104 100

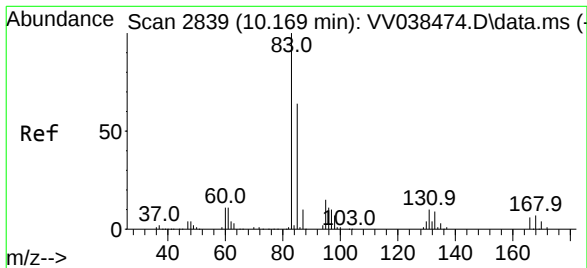
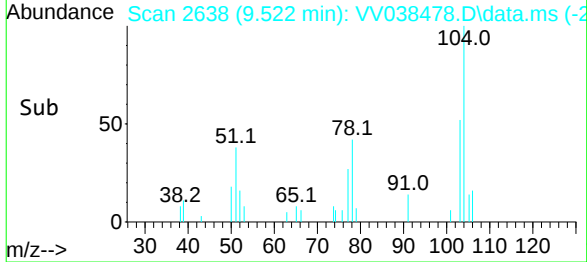
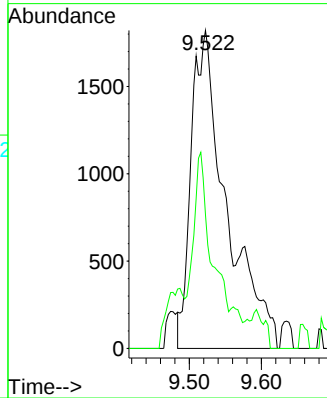
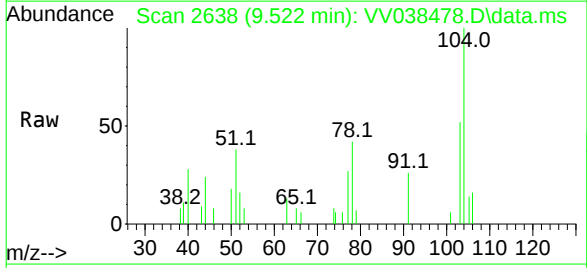
78 42.1 30.8 57.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#57

1,1,2,2-Tetrachloroethane

Concen: 0.183 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

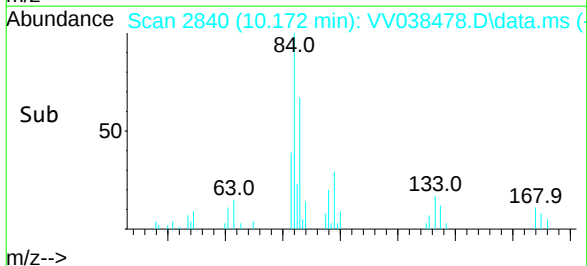
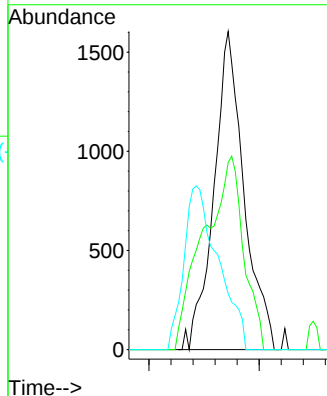
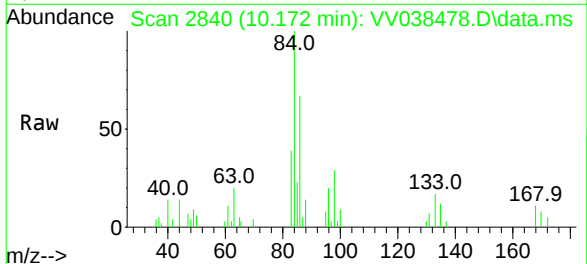
Tgt Ion: 83 Resp: 3036

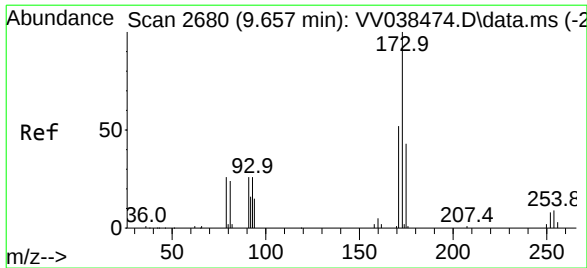
Ion Ratio Lower Upper

83 100

85 58.9 45.1 83.7

131 17.6 7.5 11.3#





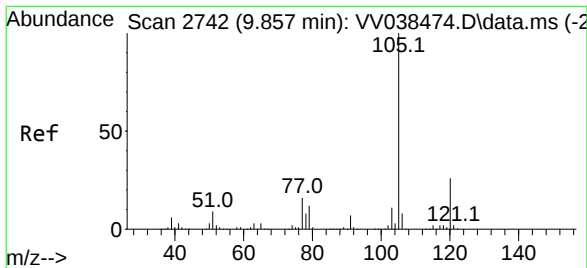
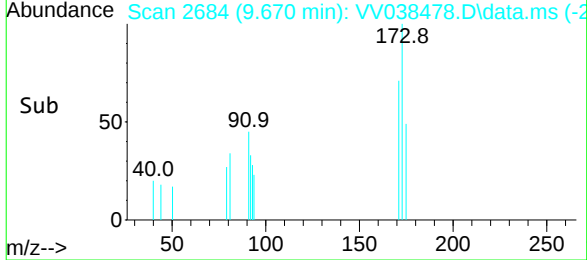
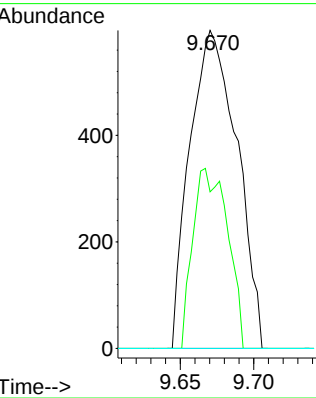
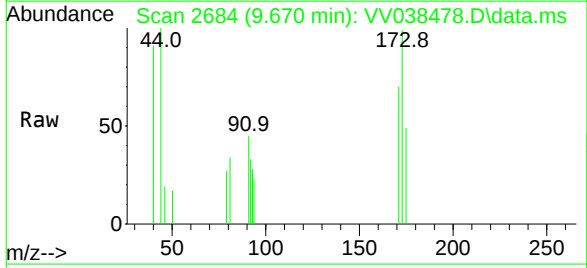
#59
Bromoform
Concen: 0.201 ug/L
RT: 9.670 min Scan# 2680
Delta R.T. 0.013 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Instrument : MSVOA_V
ClientSampleId : MDL03

Tgt Ion:	173	Resp:	1331
Ion Ratio	Lower	Upper	
173	100		
175	41.8	37.6	56.4
254	0.0	5.6	8.4

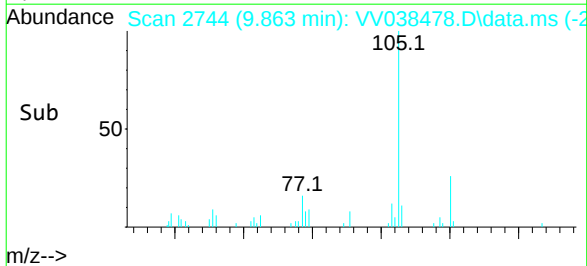
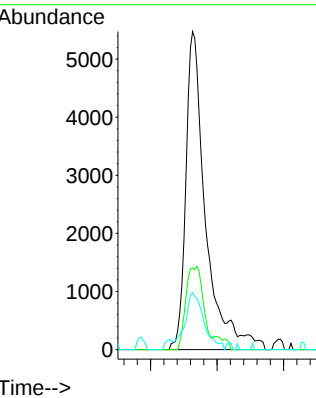
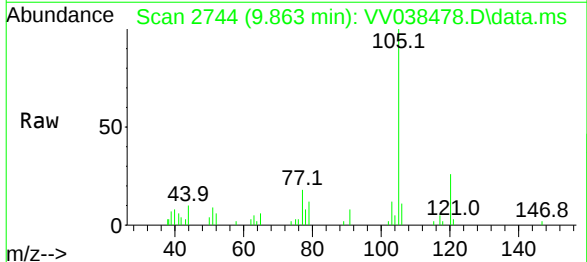
Manual Integrations
APPROVED

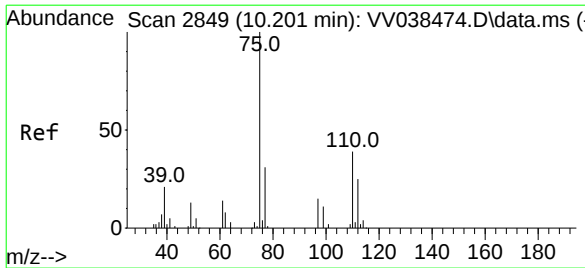
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#60
Isopropylbenzene
Concen: 0.177 ug/L m
RT: 9.863 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

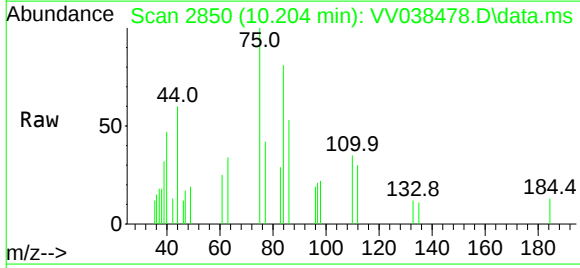
Tgt Ion:	105	Resp:	11279
Ion Ratio	Lower	Upper	
105	100		
120	23.0	21.4	32.2
77	17.1	12.7	19.1





#61
1,2,3-Trichloropropane
Concen: 0.216 ug/L m
RT: 10.204 min Scan# 2849
Delta R.T. 0.003 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

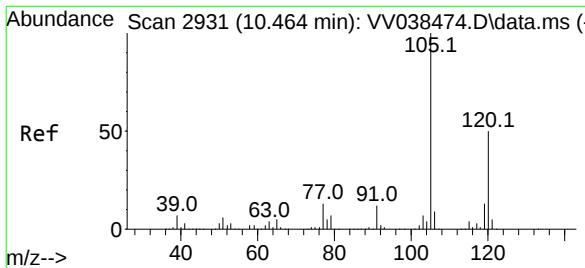
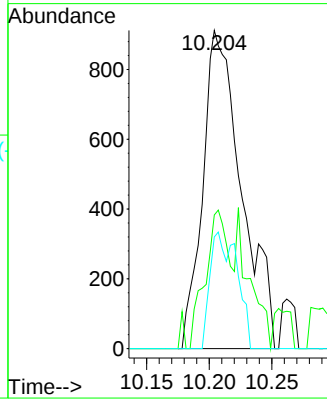
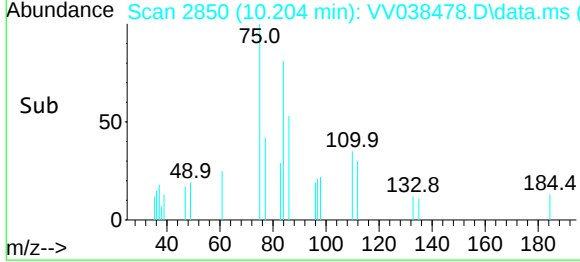
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion: 75 Resp: 1970
Ion Ratio Lower Upper
75 100
77 27.5 25.4 38.0
110 14.9 32.6 48.8#

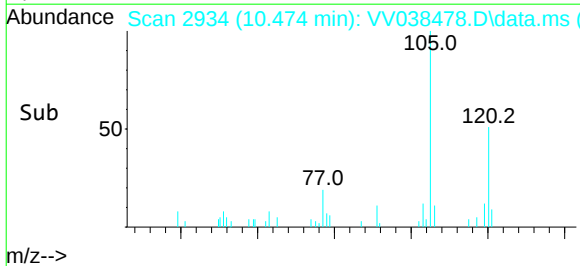
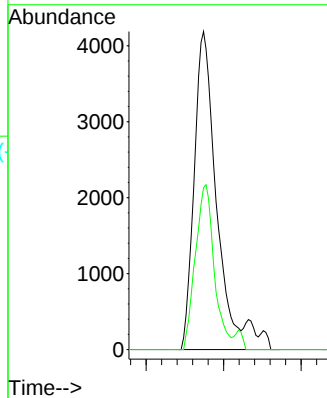
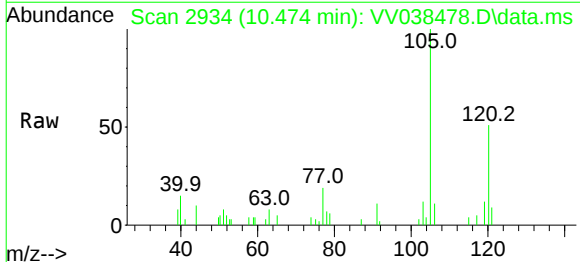
Manual Integrations
APPROVED

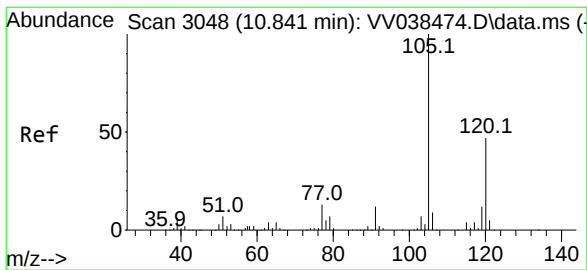
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#62
1,3,5-Trimethylbenzene
Concen: 0.172 ug/L m
RT: 10.474 min Scan# 2934
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

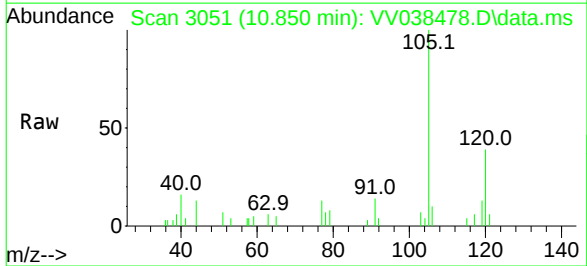
Tgt Ion:105 Resp: 8592
Ion Ratio Lower Upper
105 100
120 42.5 39.4 59.0





#63
1,2,4-Trimethylbenzene
Concen: 0.149 ug/L
RT: 10.850 min Scan# 3048
Delta R.T. 0.010 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

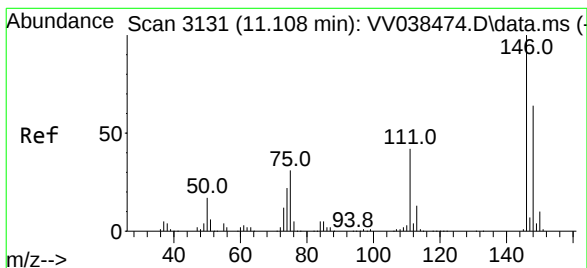
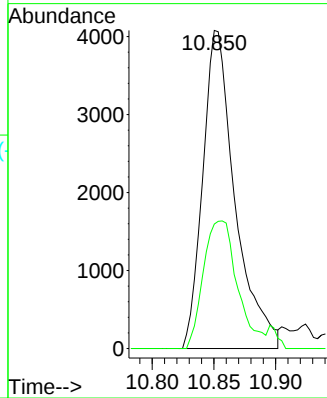
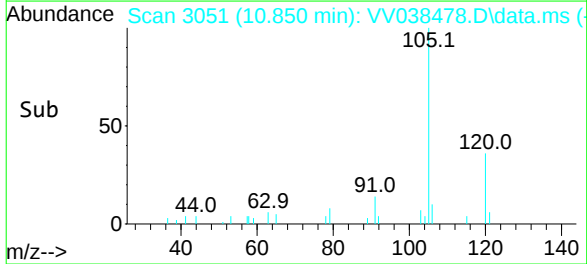
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion:105 Resp: 7410
Ion Ratio Lower Upper
105 100
120 42.4 35.8 53.8

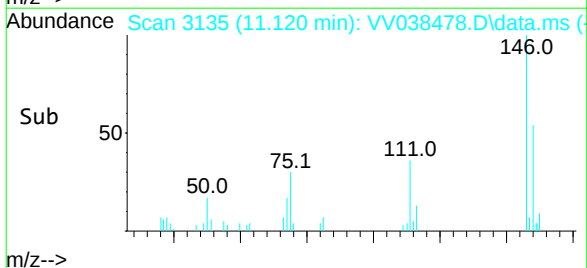
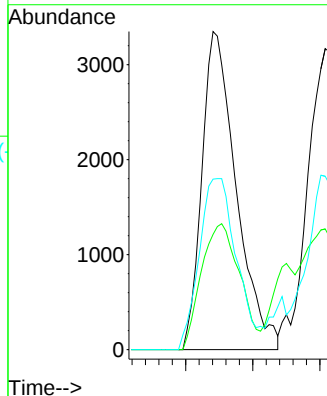
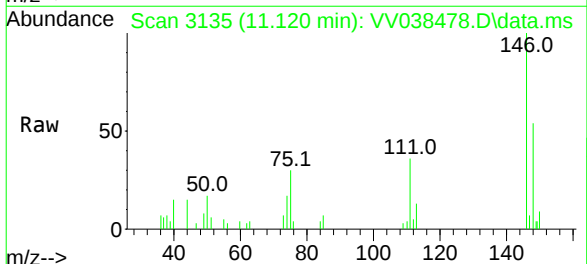
Manual Integrations
APPROVED

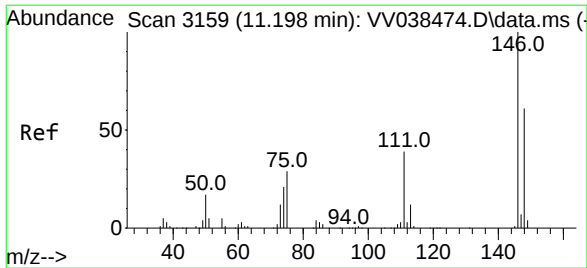
Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025



#64
1,3-Dichlorobenzene
Concen: 0.188 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.013 min
Lab File: VV038478.D
Acq: 21 Jan 2025 13:06

Tgt Ion:146 Resp: 5954
Ion Ratio Lower Upper
146 100
111 36.2 27.9 51.9
148 53.6 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 0.203 ug/L

RT: 11.204 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

ClientSampleId :

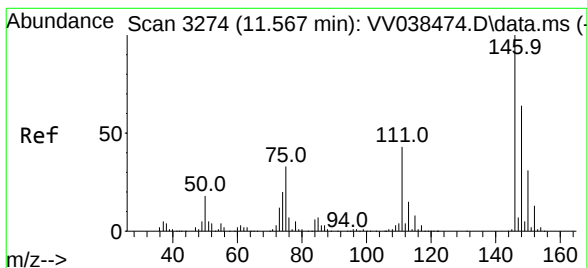
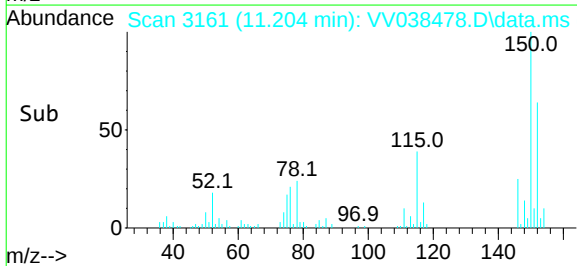
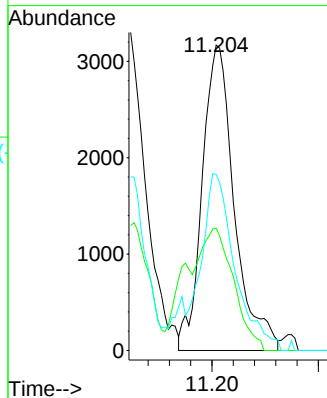
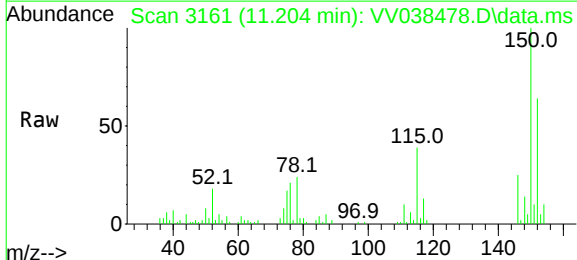
MDL03

Tgt	Ion:146	Resp:	6637
Ion	Ratio	Lower	Upper
146	100		
111	40.1	28.1	52.3
148	57.6	44.7	83.1

Manual Integrations

APPROVED

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



#67

1,2-Dichlorobenzene

Concen: 0.214 ug/L

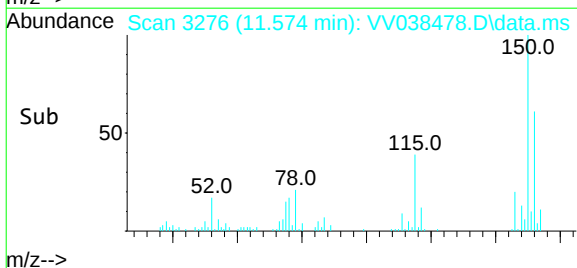
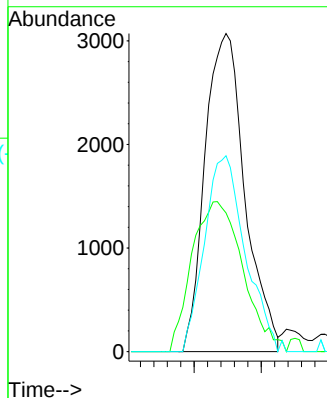
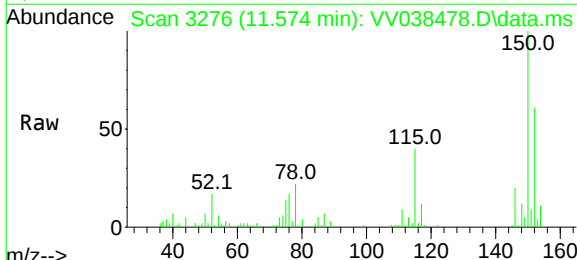
RT: 11.574 min Scan# 3276

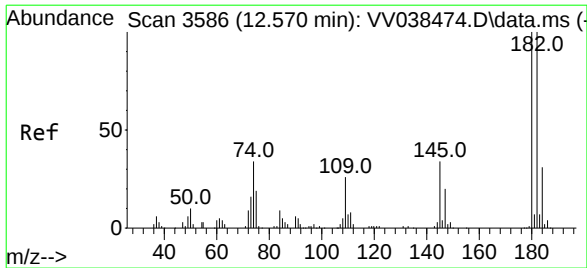
Delta R.T. 0.006 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Tgt	Ion:146	Resp:	6332
Ion	Ratio	Lower	Upper
146	100		
111	43.6	33.4	50.0
148	61.6	49.9	74.9





#69

1,3,5-Trichlorobenzene

Concen: 0.191 ug/L

RT: 12.587 min Scan# 3586

Delta R.T. 0.016 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion:180 Resp: 4161

Ion Ratio Lower Upper

180 100

182 82.7 74.3 111.5

184 32.6 23.2 34.8

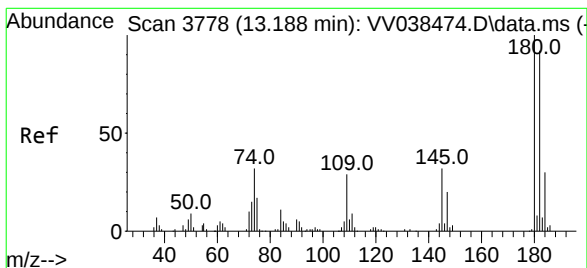
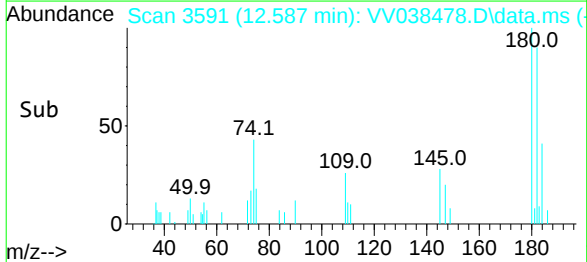
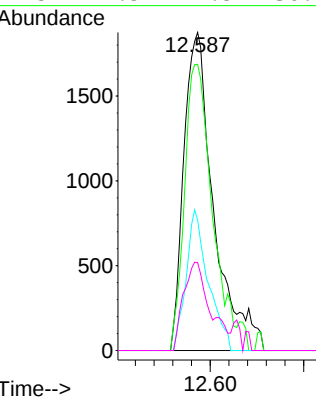
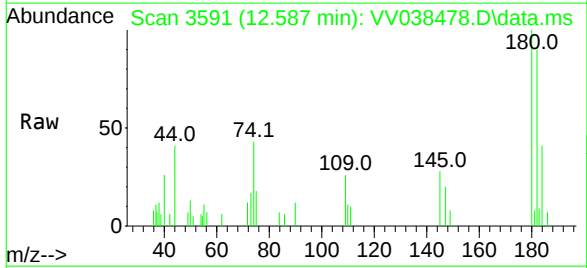
145 24.5 24.5 36.7#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025

Supervised By :Semsettin Yesilyurt 01/22/2025



#70

1,2,4-trichlorobenzene

Concen: 0.134 ug/L

RT: 13.214 min Scan# 3786

Delta R.T. 0.026 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

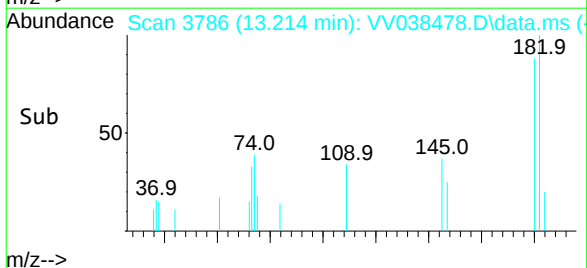
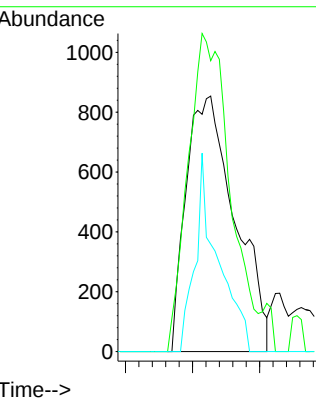
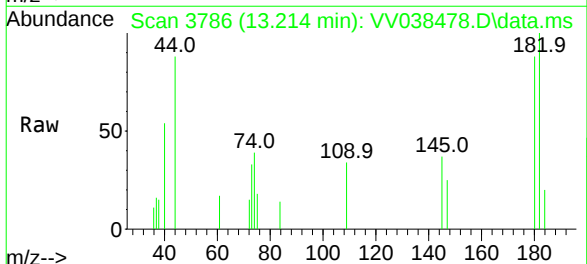
Tgt Ion:180 Resp: 2167

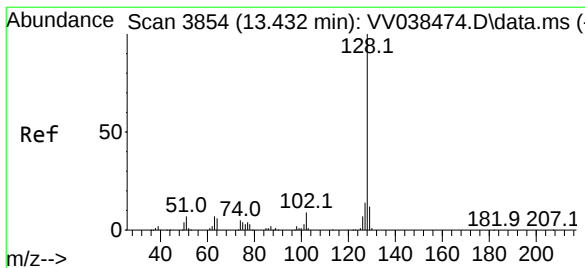
Ion Ratio Lower Upper

180 100

182 106.5 77.5 116.3

145 35.7 26.2 39.4





#71

Naphthalene

Concen: 0.148 ug/L m

RT: 13.461 min Scan# 38

Delta R.T. 0.029 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Instrument :

MSVOA_V

ClientSampleId :

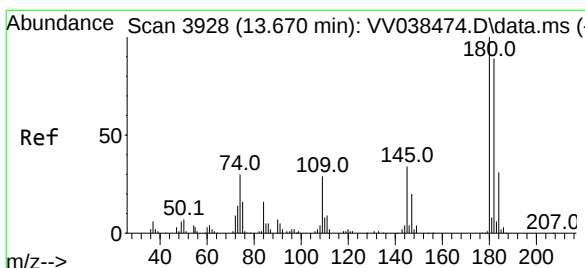
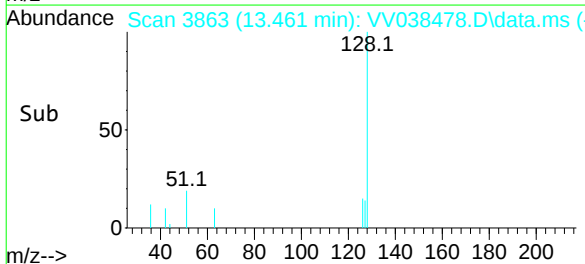
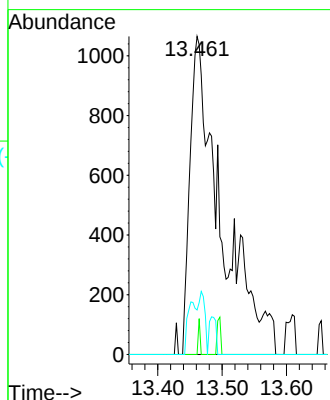
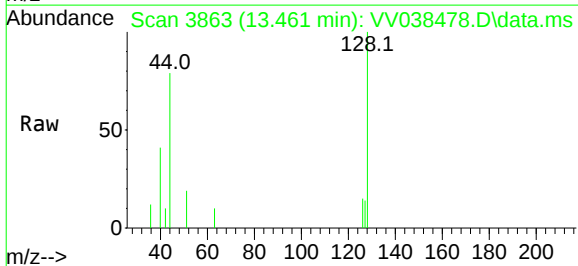
MDL03

Tgt Ion:	128	Resp:	3553
Ion Ratio	Lower	Upper	
128	100		
129	0.6	8.3	12.5#
127	3.9	11.0	16.6#

Manual Integrations

APPROVED

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



#72

1,2,3-Trichlorobenzene

Concen: 0.146 ug/L m

RT: 13.686 min Scan# 3933

Delta R.T. 0.016 min

Lab File: VV038478.D

Acq: 21 Jan 2025 13:06

Tgt Ion:	180	Resp:	2047
Ion Ratio	Lower	Upper	
180	100		
182	78.5	77.0	115.6
145	34.7	27.1	40.7

