

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012025\
 Data File : VV038456.D
 Acq On : 20 Jan 2025 12:05
 Operator : SY/MD
 Sample : MDL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025

Quant Time: Jan 21 00:57:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 00:50:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.523	114	262845	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	276205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	116892	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	100982	4.659	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	93.200%		
7) Chloroethane-d5	1.529	69	86602	4.758	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	95.200%		
11) 1,1-Dichloroethene-d2	2.053	65	44380	4.543	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	90.800%		
20) 2-Butanone-d5	3.831	46	205603m	45.099	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	90.200%		
24) Chloroform-d	4.236	84	189993	4.677	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.600%		
26) 1,2-Dichloroethane-d4	4.934	65	89336	4.799	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.000%		
32) Benzene-d6	4.947	84	361647	4.754	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	95.000%		
36) 1,2-Dichloropropane-d6	5.979	67	116242	5.027	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	100.600%		
41) Toluene-d8	7.233	98	295050	4.318	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	86.400%		
43) trans-1,3-Dichloroprop...	7.551	79	35576	4.206	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	84.200%		
46) 2-Hexanone-d5	8.021	63	126421	37.885	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	75.760%		
56) 1,1,2,2-Tetrachloroeth...	10.143	84	82910	4.523	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	90.400%		
66) 1,2-Dichlorobenzene-d4	11.551	152	104115	5.262	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	105.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	6984	0.237	ug/L	99
3) Chloromethane	1.211	50	7923	0.263	ug/L	95
5) Vinyl chloride	1.278	62	8033	0.264	ug/L #	80
6) Bromomethane	1.487	94	4018	0.264	ug/L	88
8) Chloroethane	1.545	64	4896m	0.268	ug/L	
9) Trichlorofluoromethane	1.709	101	9459	0.244	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	6591	0.298	ug/L	91
12) 1,1-Dichloroethene	2.063	96	6390	0.293	ug/L #	1
14) Carbon disulfide	2.233	76	18634	0.254	ug/L	100
15) Methyl Acetate	2.407	43	3074m	0.339	ug/L	
16) Methylene chloride	2.442	84	6471	0.268	ug/L	96
17) Methyl tert-butyl Ether	2.700	73	10277	0.224	ug/L	94
18) trans-1,2-Dichloroethene	2.693	96	5628	0.251	ug/L	93
19) 1,1-Dichloroethane	3.105	63	10710	0.251	ug/L	96
21) 2-Butanone	3.909	43	14834m	2.948	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	4713	0.207	ug/L	97
23) Bromochloromethane	4.150	128	2498	0.241	ug/L #	85
25) Chloroform	4.265	83	11475	0.272	ug/L	95
27) 1,2-Dichloroethane	5.060	62	6362m	0.271	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.500	97	8141	0.222	ug/L	98
30) Cyclohexane	4.571	56	6772	0.202	ug/L	89
31) Carbon tetrachloride	4.725	117	7620	0.235	ug/L	97
33) Benzene	5.011	78	21625m	0.247	ug/L	
34) Trichloroethene	5.841	95	5671m	0.249	ug/L	
35) Methylcyclohexane	6.037	83	9376m	0.270	ug/L	
37) 1,2-Dichloropropane	6.101	63	6530m	0.288	ug/L	
38) Bromodichloromethane	6.433	83	7179	0.244	ug/L #	88
39) cis-1,3-Dichloropropene	6.960	75	7211m	0.231	ug/L	
40) 4-Methyl-2-pentanone	7.166	43	24112m	2.057	ug/L	
42) Toluene	7.317	91	20113	0.220	ug/L	92
44) trans-1,3-Dichloropropene	7.600	75	7268m	0.275	ug/L	
45) 1,1,2-Trichloroethane	7.773	97	3736	0.229	ug/L	94
47) Tetrachloroethene	7.902	164	3826	0.217	ug/L	93
48) 2-Hexanone	8.082	43	48675m	5.736	ug/L	
49) Dibromochloromethane	8.172	129	4342	0.232	ug/L	96
50) 1,2-Dibromoethane	8.285	107	3431m	0.226	ug/L	
51) Chlorobenzene	8.812	112	14738	0.240	ug/L	90
52) Ethylbenzene	8.947	91	20349	0.207	ug/L	98
53) m,p-Xylene	9.076	106	6265	0.168	ug/L	99
54) o-Xylene	9.477	106	6718	0.189	ug/L	95
55) Styrene	9.506	104	9834m	0.159	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.172	83	4738	0.239	ug/L #	87
59) Bromoform	9.667	173	1976	0.242	ug/L #	89
60) Isopropylbenzene	9.860	105	16543	0.210	ug/L #	96
61) 1,2,3-Trichloropropane	10.207	75	3126	0.278	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.471	105	12798	0.208	ug/L	94
63) 1,2,4-Trimethylbenzene	10.847	105	11808	0.192	ug/L	97
64) 1,3-Dichlorobenzene	11.117	146	8843	0.227	ug/L	95
65) 1,4-Dichlorobenzene	11.204	146	10375	0.257	ug/L	89
67) 1,2-Dichlorobenzene	11.574	146	9722	0.266	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.368	75	479m	0.206	ug/L	
69) 1,3,5-Trichlorobenzene	12.583	180	5857	0.218	ug/L #	95
70) 1,2,4-trichlorobenzene	13.204	180	3861m	0.194	ug/L	
71) Naphthalene	13.455	128	6089m	0.206	ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	3511m	0.204	ug/L	

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

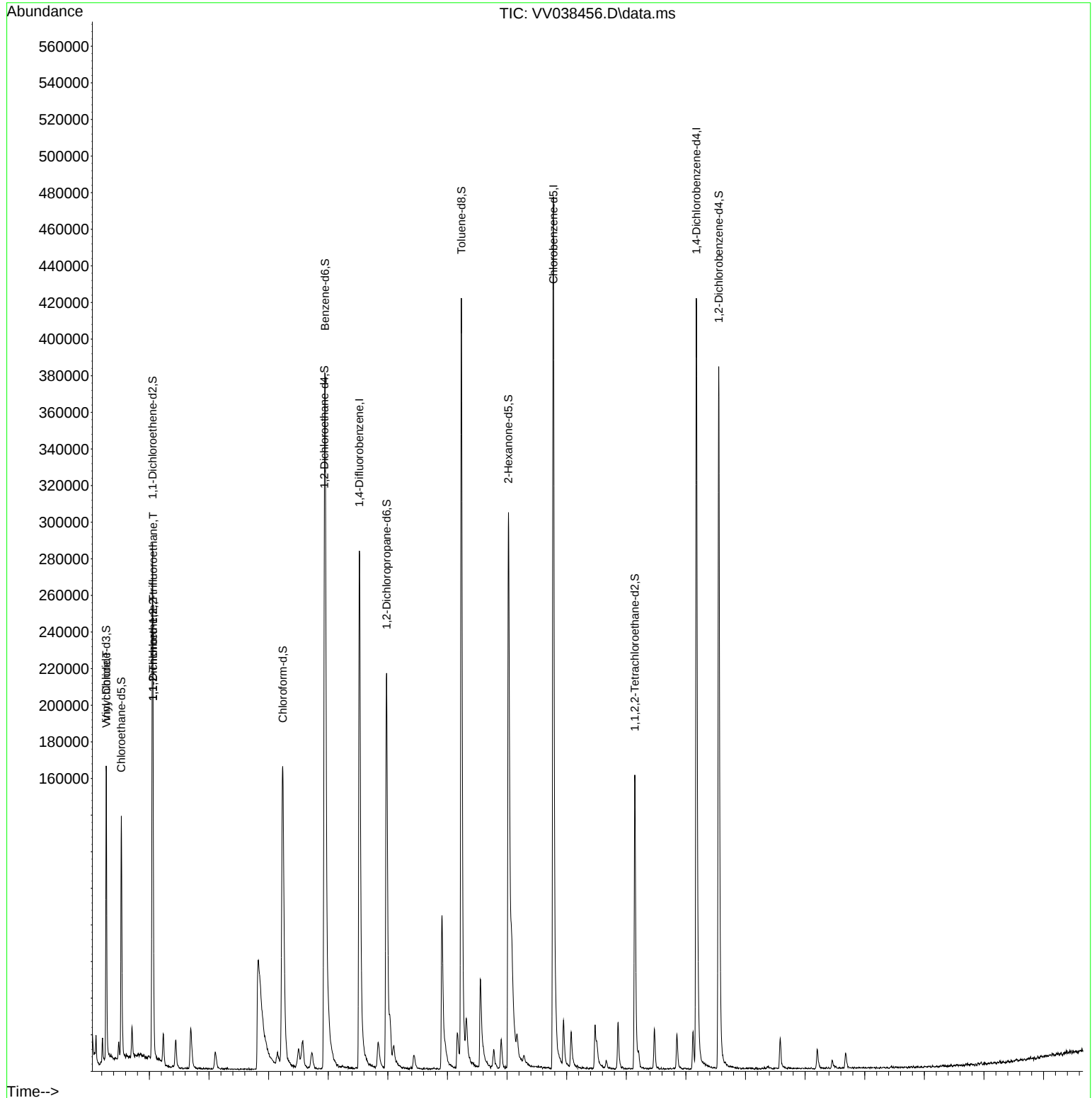
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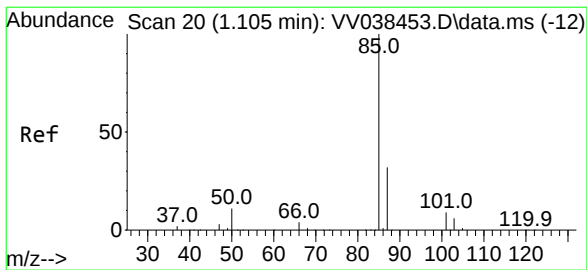
Instrument :
MSVOA_V
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Supervised By :Mahesh Dadoda 01/21/2025

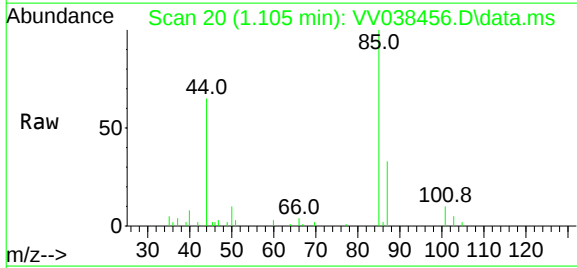
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#2
Dichlorodifluoromethane
Concen: 0.237 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

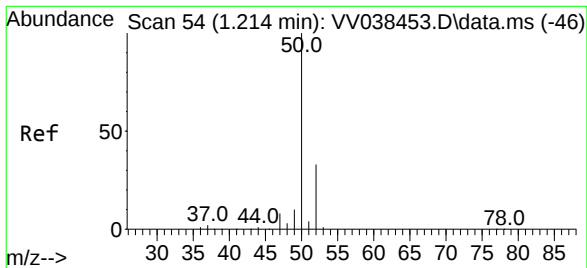
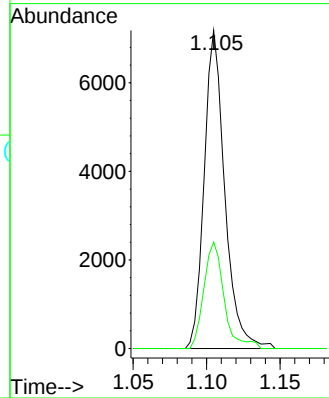
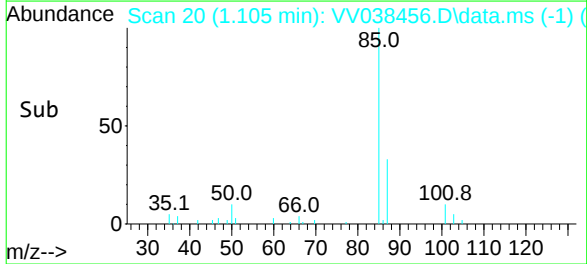
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 85 Resp: 6984
Ion Ratio Lower Upper
85 100
87 32.8 26.0 39.0

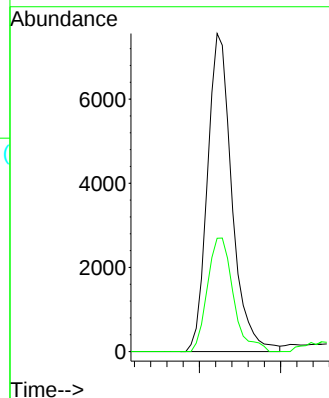
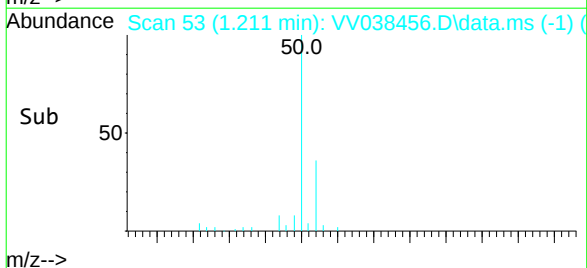
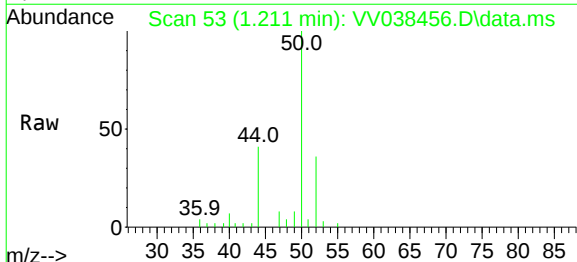
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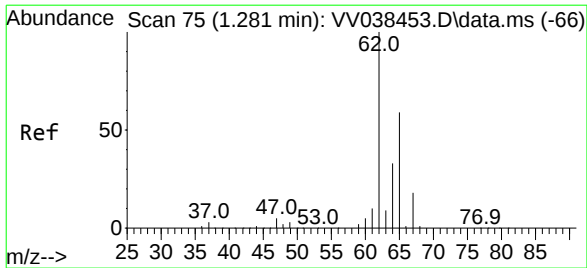
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#3
Chloromethane
Concen: 0.263 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.003 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

Tgt Ion: 50 Resp: 7923
Ion Ratio Lower Upper
50 100
52 35.6 23.0 42.6





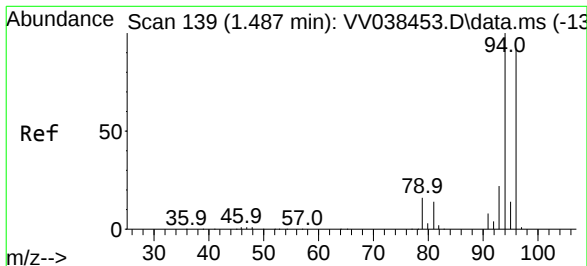
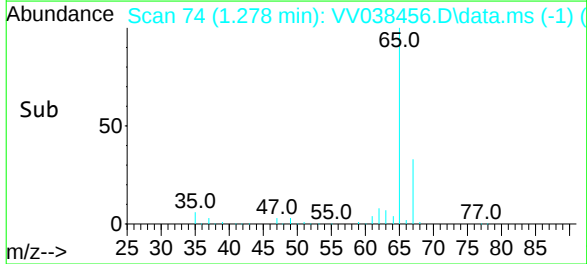
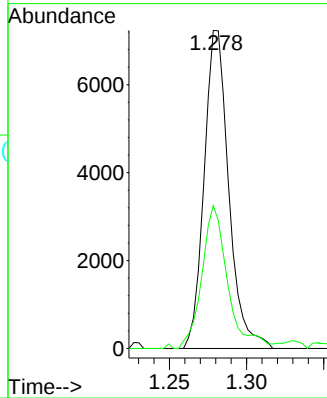
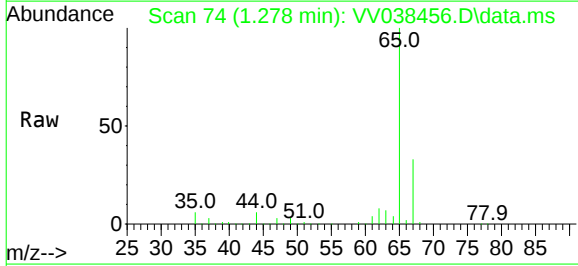
#5
 Vinyl chloride
 Concen: 0.264 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV038456.D
 Acq: 20 Jan 2025 12:05

Instrument :
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 ClientSampleId :
 MDL01

Tgt Ion: 62 Resp: 8033
 Ion Ratio Lower Upper
 62 100
 64 44.9 23.5 43.7#

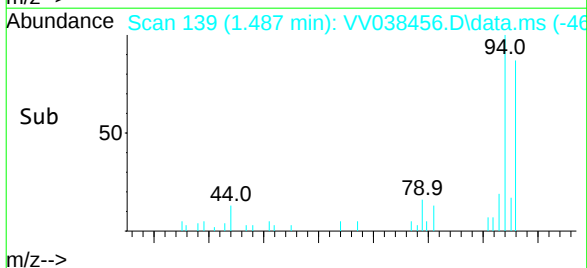
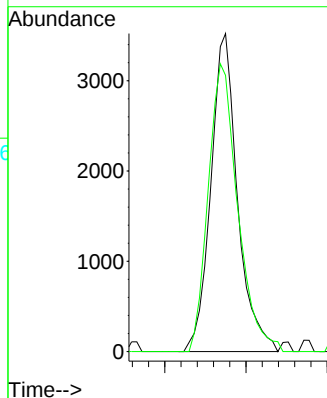
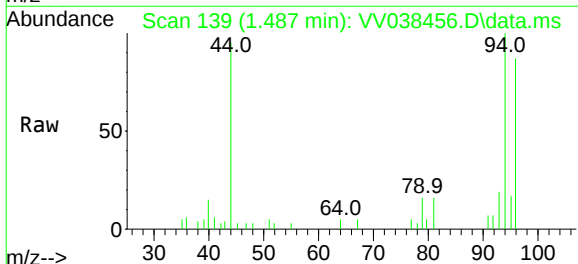
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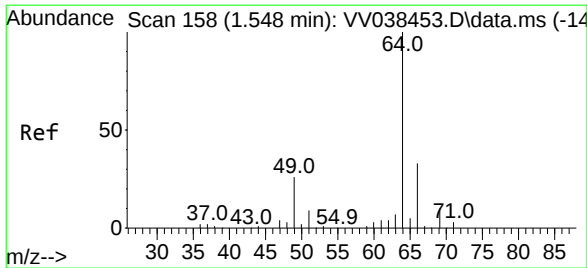
Reviewed By :Semsettin Yesilyurt 01/21/2025
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#6
 Bromomethane
 Concen: 0.264 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV038456.D
 Acq: 20 Jan 2025 12:05

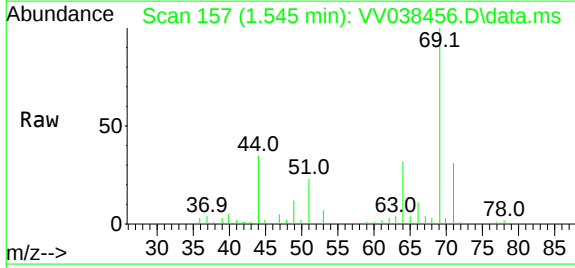
Tgt Ion: 94 Resp: 4018
 Ion Ratio Lower Upper
 94 100
 96 86.9 68.9 127.9





#8
Chloroethane
Concen: 0.268 ug/L m
RT: 1.545 min Scan# 15
Delta R.T. -0.003 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

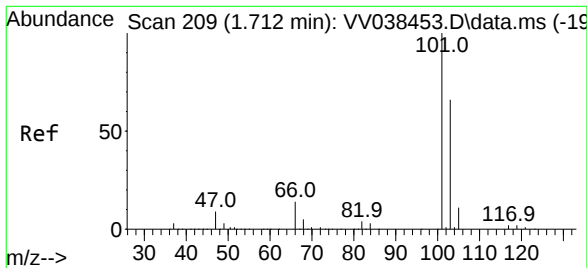
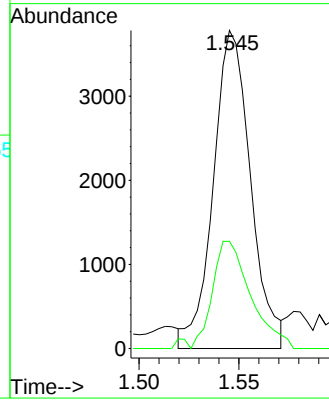
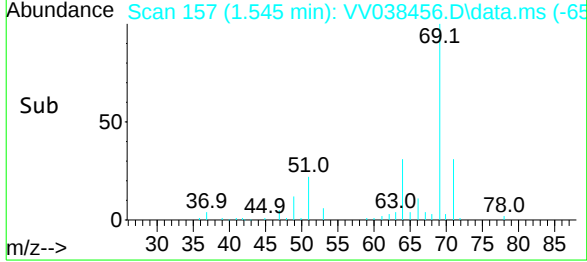
Instrument :
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ClientSampleId :
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Tgt Ion: 64 Resp: 4896
Ion Ratio Lower Upper
64 100
66 33.7 22.7 42.1

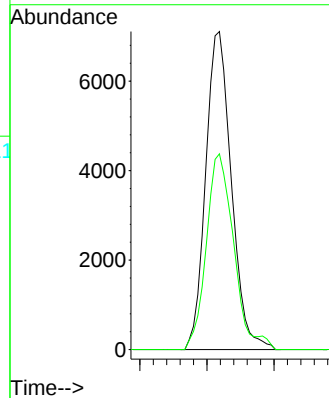
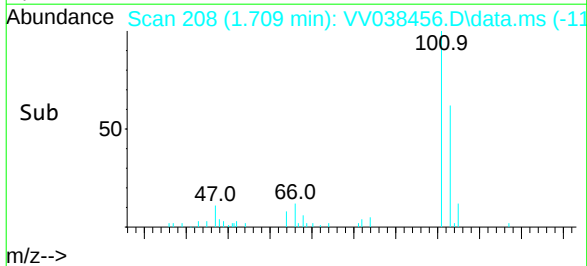
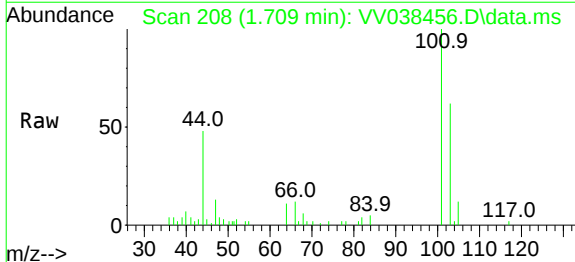
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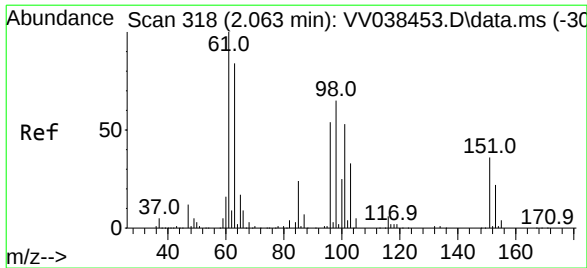
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#9
Trichlorofluoromethane
Concen: 0.244 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

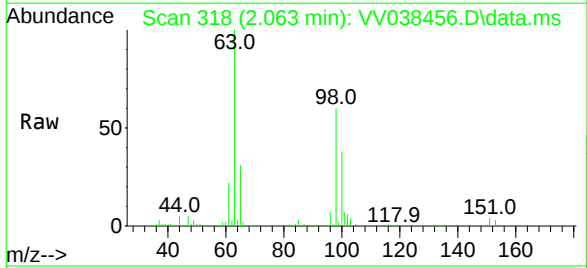
Tgt Ion:101 Resp: 9459
Ion Ratio Lower Upper
101 100
103 65.7 51.5 77.3





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.298 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

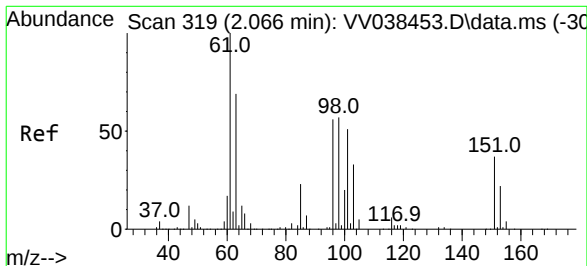
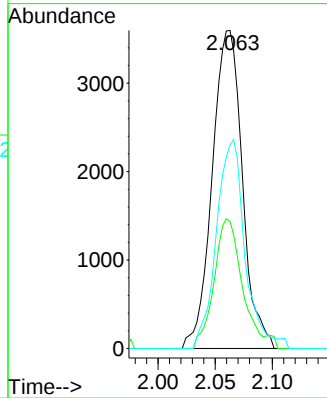
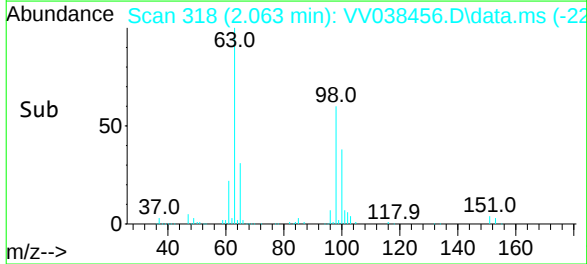
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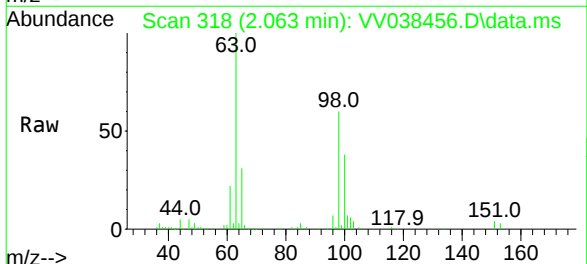
Tgt Ion: 101 Resp: 6591
Ion Ratio Lower Upper
101 100
85 38.8 35.2 52.8
151 62.4 56.6 85.0

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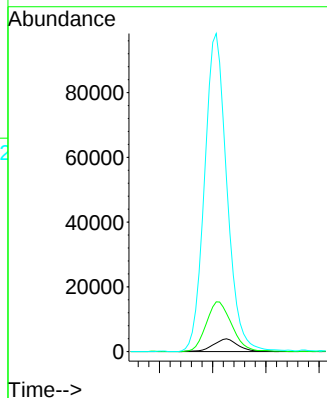
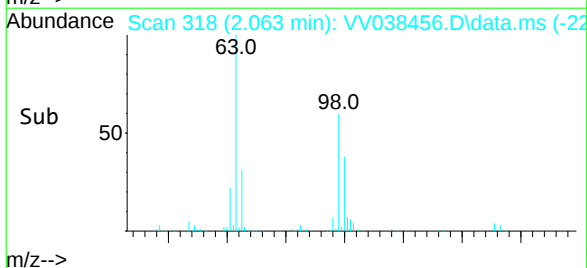
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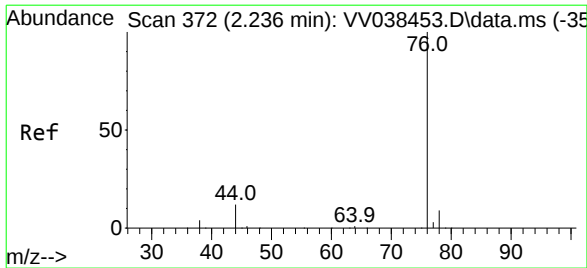


#12
1,1-Dichloroethene
Concen: 0.293 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05



Tgt Ion: 96 Resp: 6390
Ion Ratio Lower Upper
96 100
61 298.8 122.2 227.0#
63 1349.7 86.2 160.0#





#14

Carbon disulfide

Concen: 0.254 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV038456.D

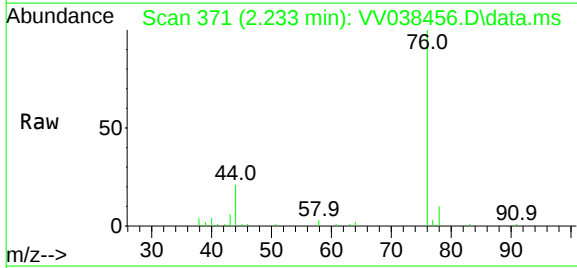
Acq: 20 Jan 2025 12:05

Instrument :

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ClientSampleId :

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Tgt Ion: 76 Resp: 18634

Ion Ratio Lower Upper

76 100

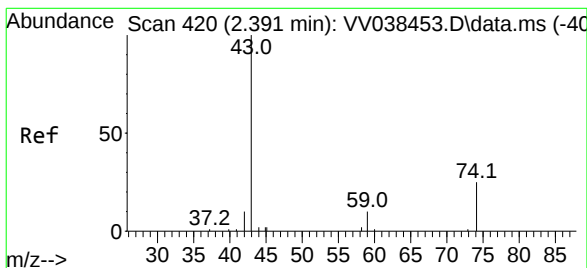
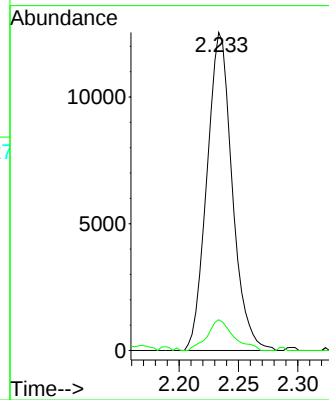
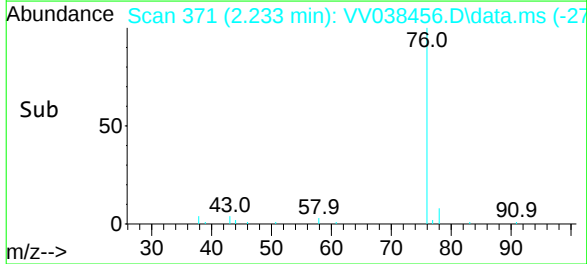
78 9.7 7.6 11.4

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#15

Methyl Acetate

Concen: 0.339 ug/L m

RT: 2.407 min Scan# 425

Delta R.T. 0.016 min

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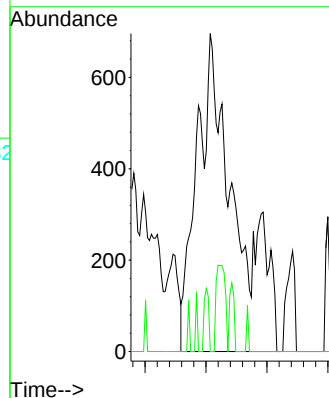
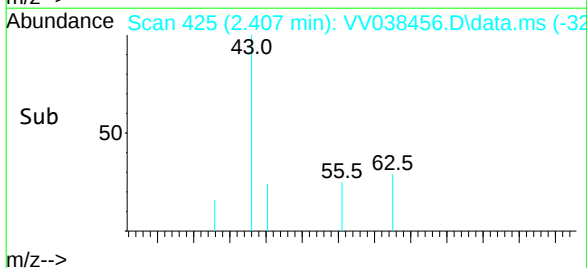
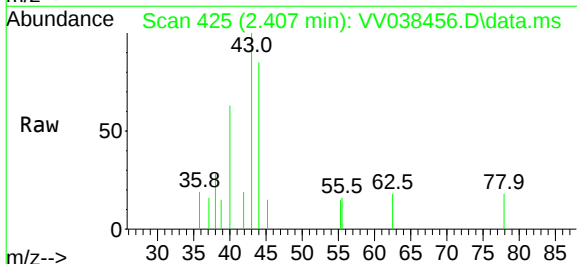
Acq: 20 Jan 2025 12:05

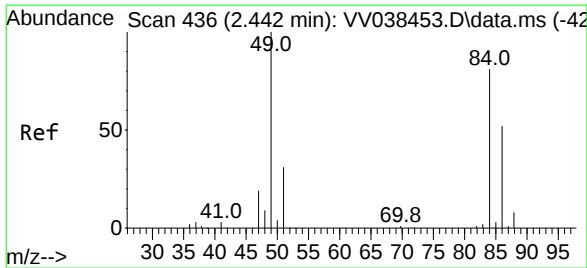
Tgt Ion: 43 Resp: 3074

Ion Ratio Lower Upper

43 100

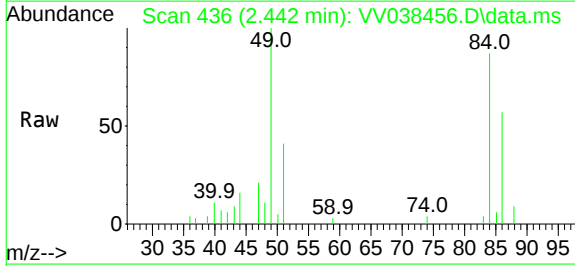
74 0.8 20.4 30.6#





#16
Methylene chloride
Concen: 0.268 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

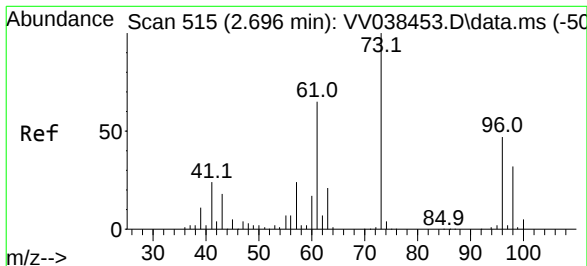
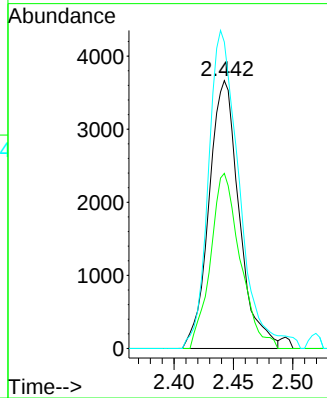
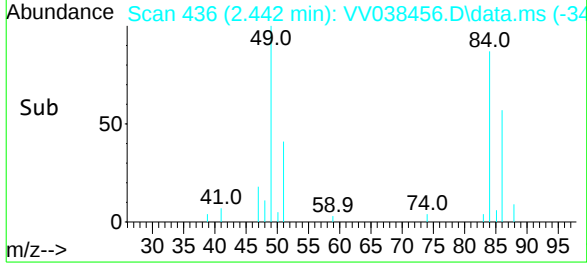
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion	Ratio	Lower	Upper
84	100		
86	65.4	44.7	82.9
49	114.4	84.1	156.1

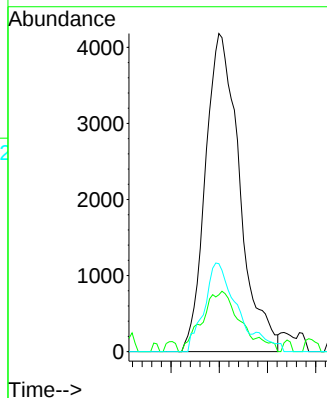
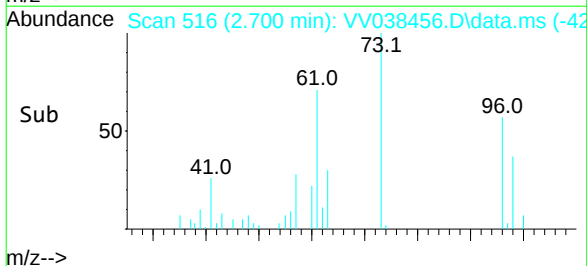
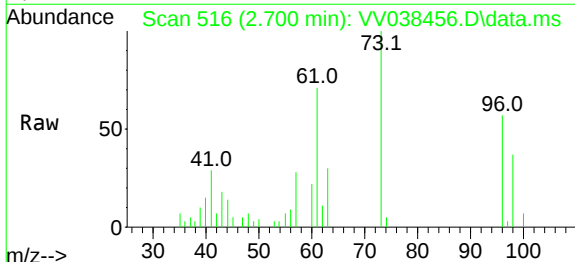
Manual Integrations
APPROVED

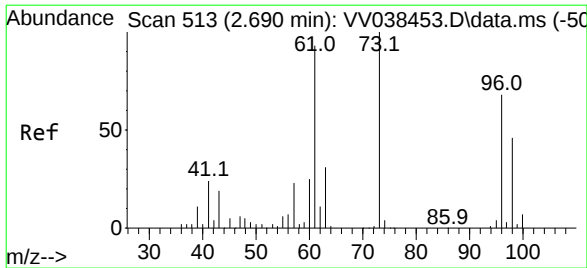
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#17
Methyl tert-butyl Ether
Concen: 0.224 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

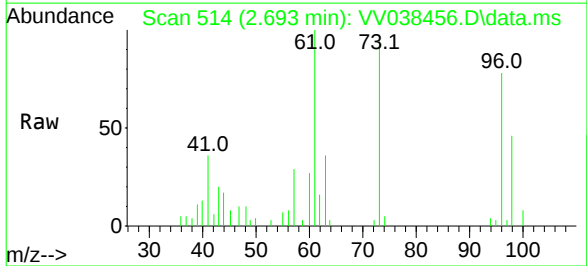
Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.6	14.6	21.8
57	24.7	17.9	26.9





#18
trans-1,2-Dichloroethene
Concen: 0.251 ug/L
RT: 2.693 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

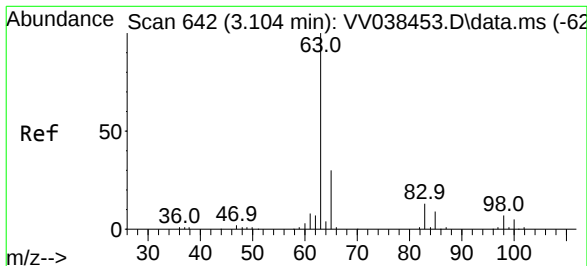
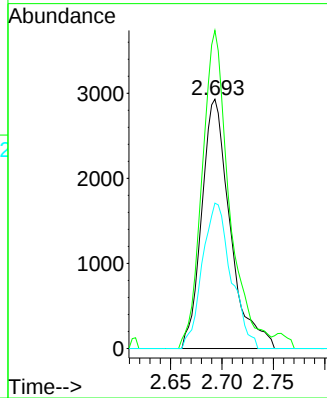
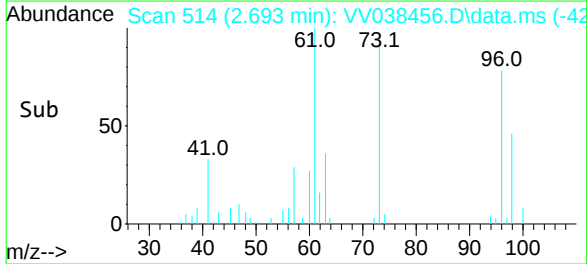
Instrument :
MSVOA_V
ClientSampleId :
MDL01



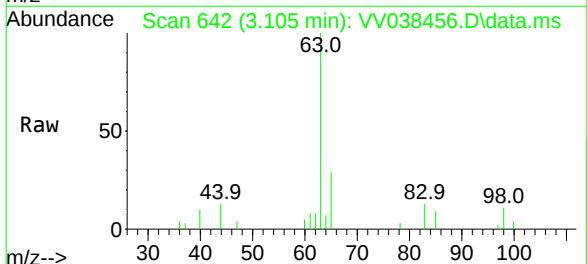
Tgt Ion: 96 Resp: 5628
Ion Ratio Lower Upper
96 100
61 127.6 94.8 176.2
98 58.3 44.2 82.2

Manual Integrations
APPROVED

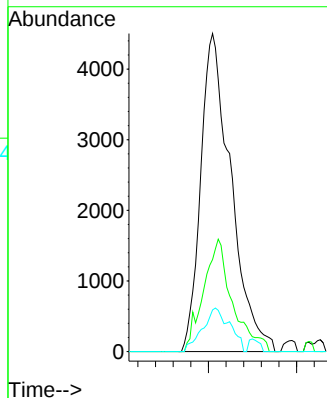
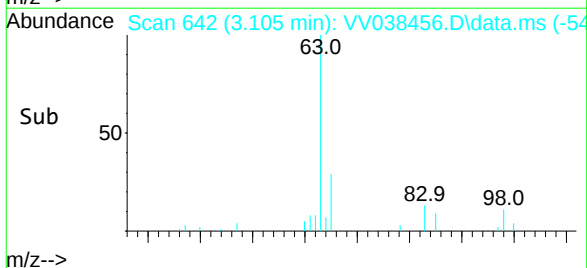
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

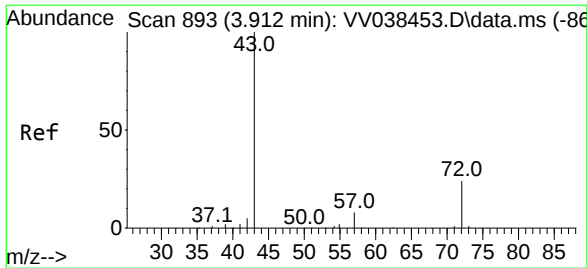


#19
1,1-Dichloroethane
Concen: 0.251 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05



Tgt Ion: 63 Resp: 10710
Ion Ratio Lower Upper
63 100
65 29.0 22.5 41.9
83 13.1 9.4 17.6





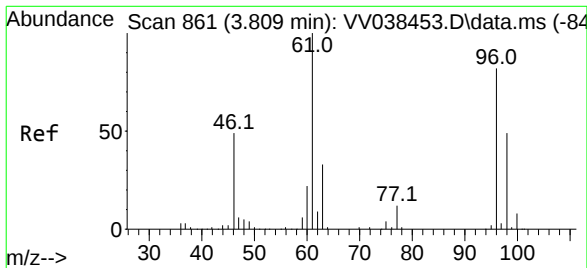
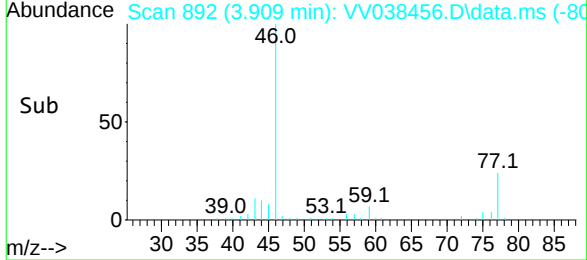
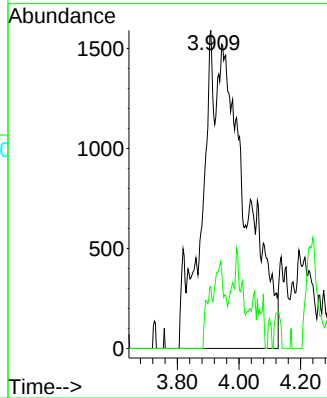
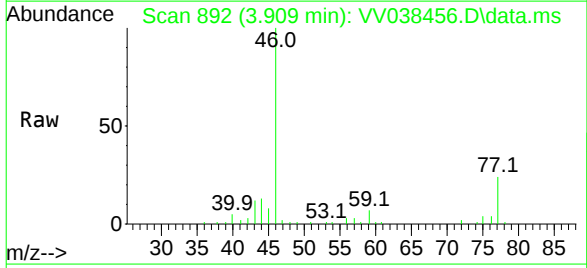
#21
2-Butanone
Concen: 2.948 ug/L m
RT: 3.909 min Scan# 89
Delta R.T. -0.003 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 43 Resp: 14834
Ion Ratio Lower Upper
43 100
72 3.1 12.2 36.4#

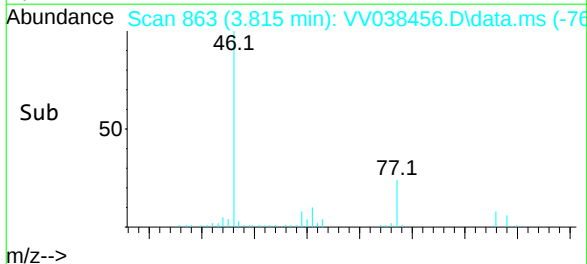
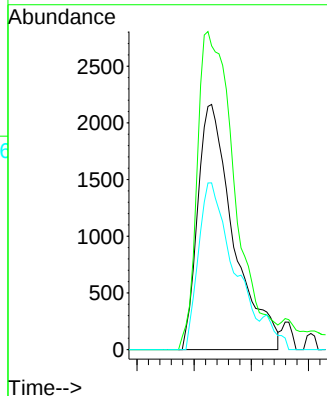
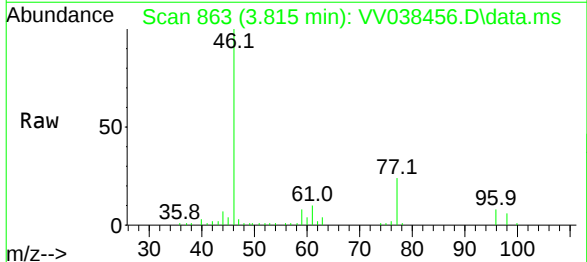
Manual Integrations
APPROVED

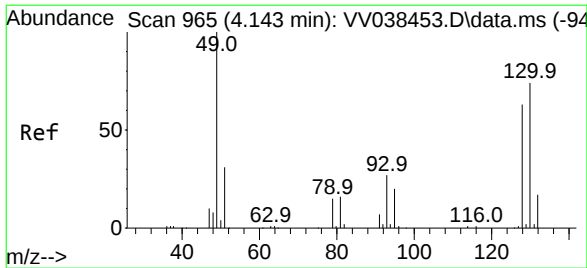
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#22
cis-1,2-Dichloroethene
Concen: 0.207 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.007 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

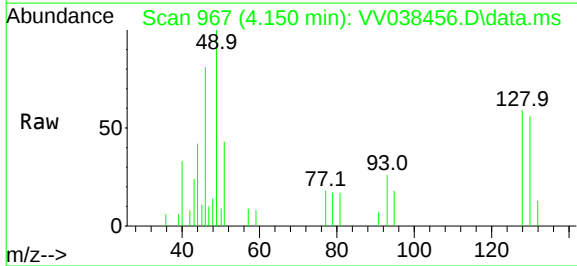
Tgt Ion: 96 Resp: 4713
Ion Ratio Lower Upper
96 100
61 123.9 86.5 160.7
98 68.0 43.8 81.3





#23
Bromochloromethane
Concen: 0.241 ug/L
RT: 4.150 min Scan# 965
Delta R.T. 0.007 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

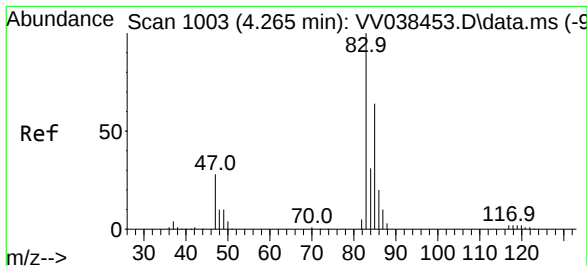
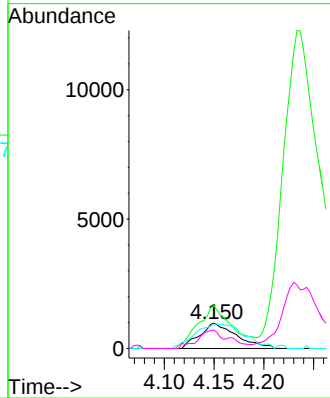
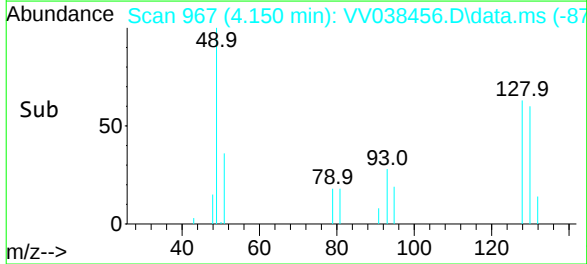
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 128 Resp: 2498
Ion Ratio Lower Upper
128 100
49 169.9 121.0 224.8
130 95.5 90.1 167.3
51 73.1 43.3 64.9#

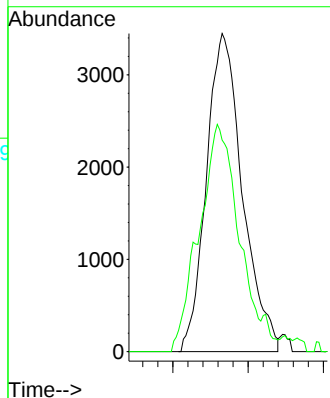
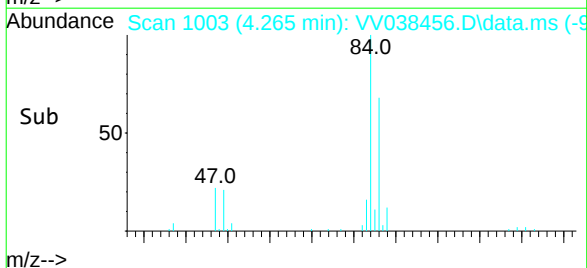
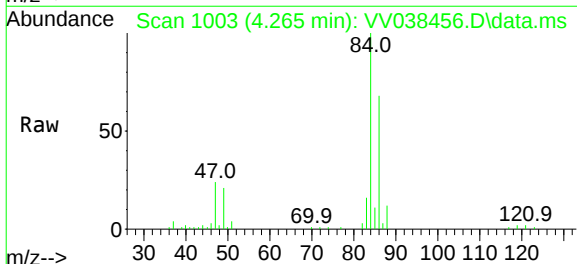
Manual Integrations
APPROVED

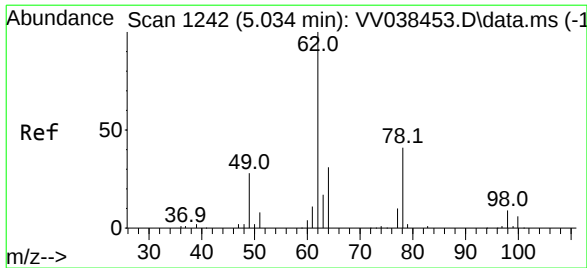
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#25
Chloroform
Concen: 0.272 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

Tgt Ion: 83 Resp: 11475
Ion Ratio Lower Upper
83 100
85 66.5 44.0 81.8





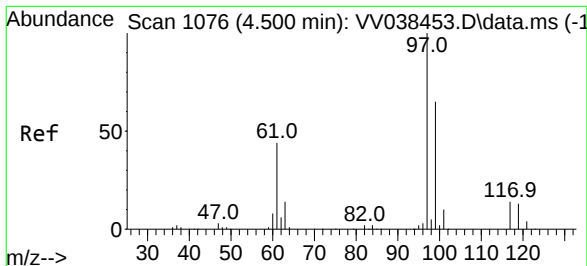
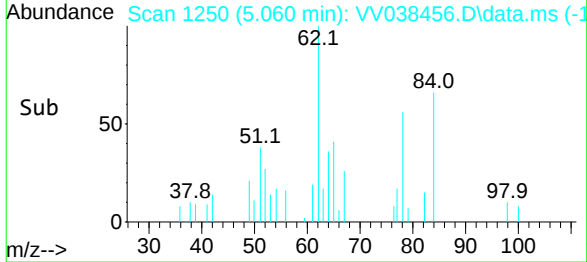
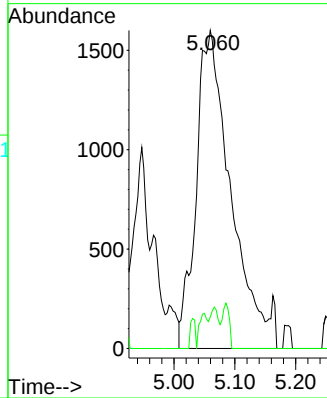
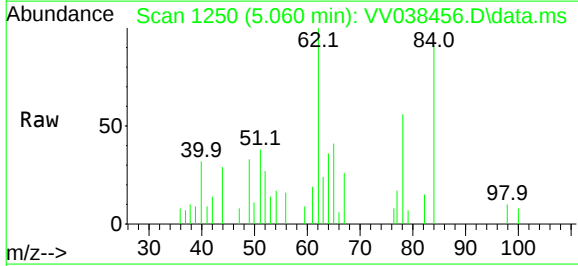
#27
1,2-Dichloroethane
Concen: 0.271 ug/L m
RT: 5.060 min Scan# 1242
Delta R.T. 0.026 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 62 Resp: 6362
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.6

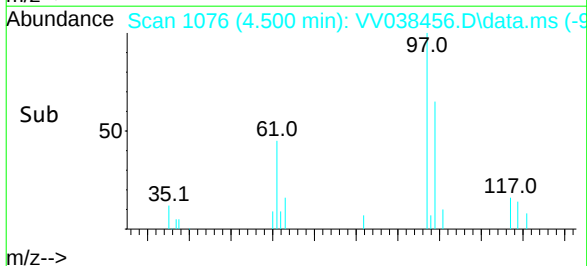
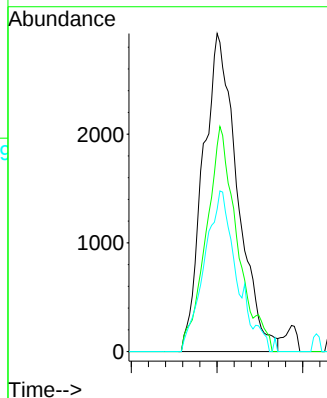
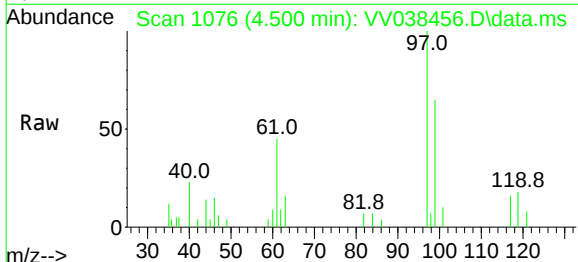
Manual Integrations
APPROVED

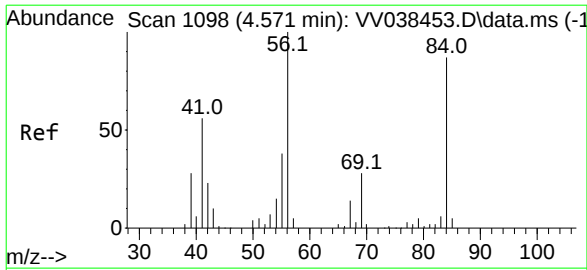
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#29
1,1,1-Trichloroethane
Concen: 0.222 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

Tgt Ion: 97 Resp: 8141
Ion Ratio Lower Upper
97 100
99 64.0 52.9 79.3
61 45.6 36.4 54.6





#30

Cyclohexane

Concen: 0.202 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038456.D

Acq: 20 Jan 2025 12:05

Instrument :

MSVOA_V

ClientSampleId :

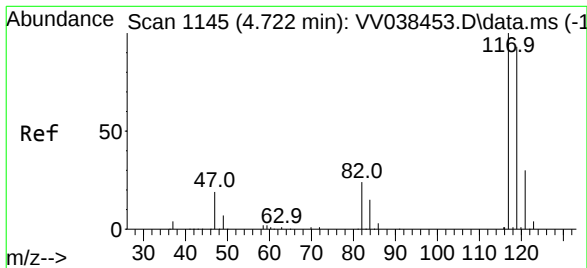
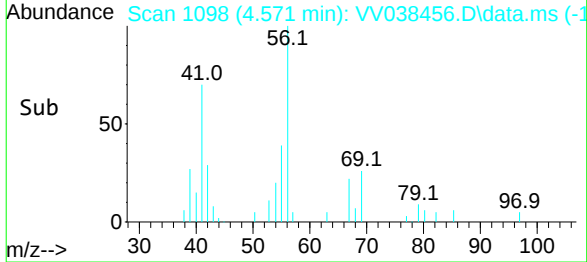
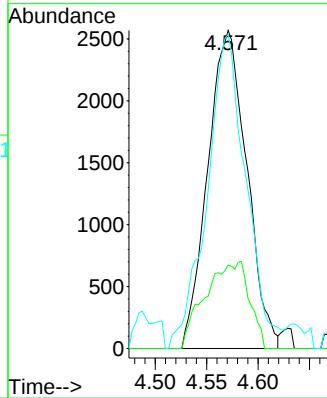
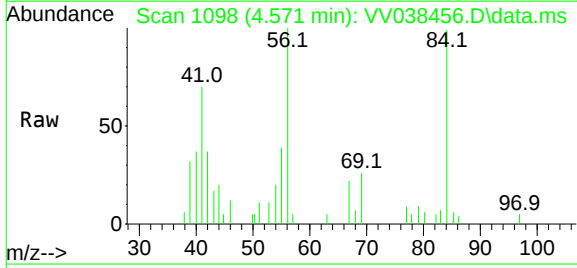
MDL01

Tgt Ion:	56	Resp:	6772
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.7	37.1
84	98.7	68.2	102.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#31

Carbon tetrachloride

Concen: 0.235 ug/L

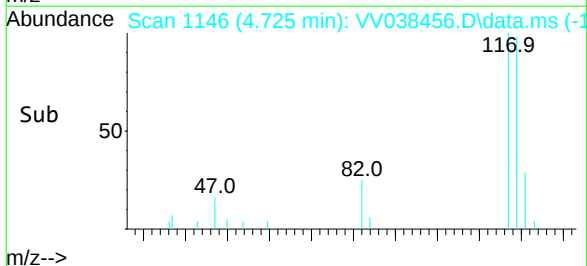
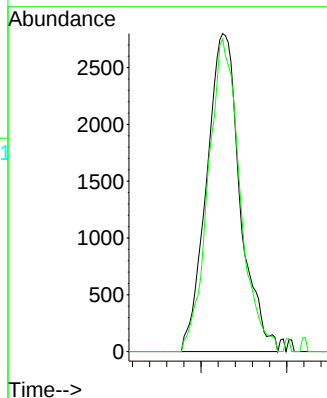
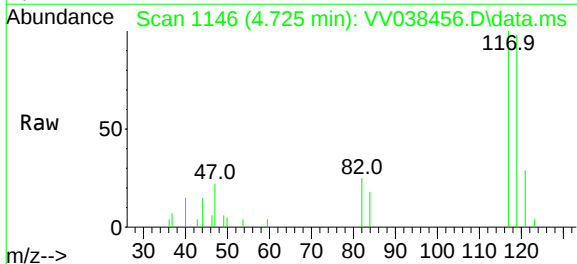
RT: 4.725 min Scan# 1146

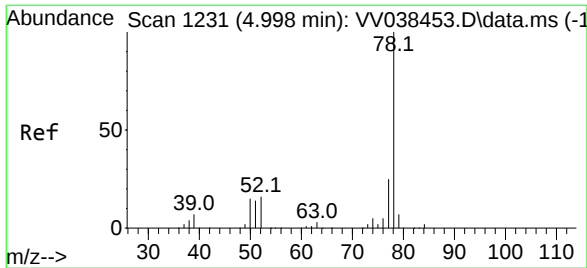
Delta R.T. 0.003 min

Lab File: VV038456.D

Acq: 20 Jan 2025 12:05

Tgt Ion:	117	Resp:	7620
Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.6	115.0





#33

Benzene

Concen: 0.247 ug/L m

RT: 5.011 min Scan# 12

Delta R.T. 0.013 min

Lab File: VV038456.D

Acq: 20 Jan 2025 12:05

Instrument :

MSVOA_V

ClientSampleId :

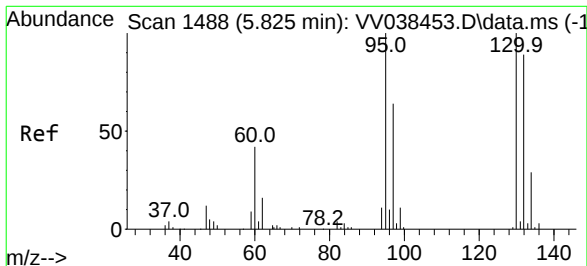
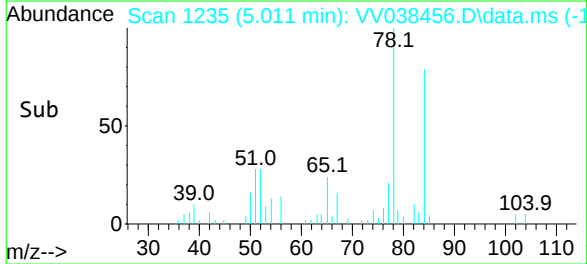
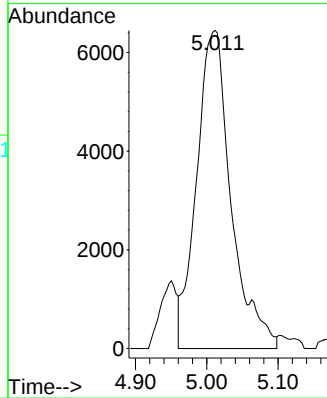
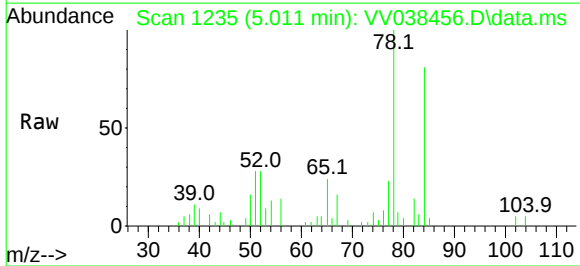
MDL01

Tgt Ion: 78 Resp: 21625

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#34

Trichloroethene

Concen: 0.249 ug/L m

RT: 5.841 min Scan# 1493

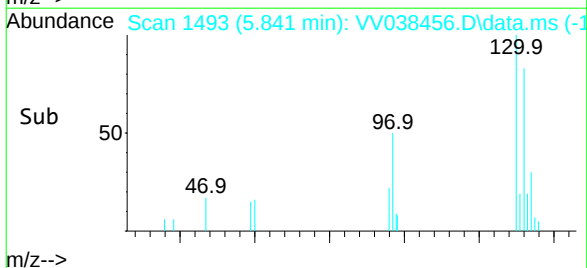
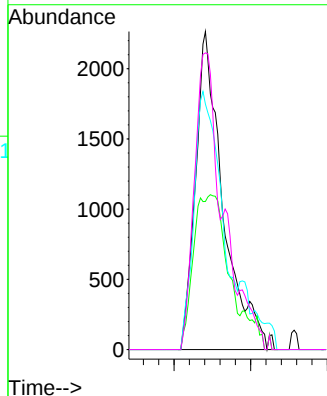
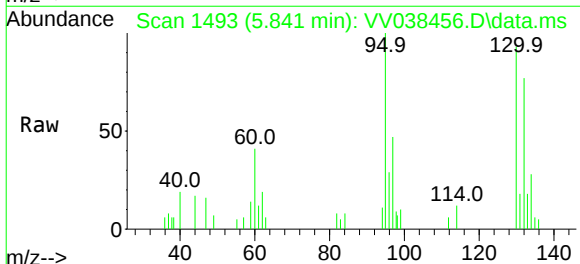
Delta R.T. 0.016 min

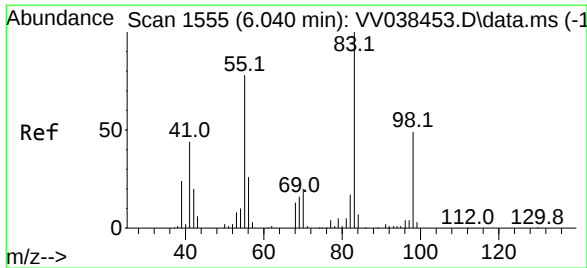
Lab File: VV038456.D

Acq: 20 Jan 2025 12:05

Tgt Ion: 95 Resp: 5671

Ion	Ratio	Lower	Upper
95	100		
97	46.6	43.4	80.6
132	77.2	65.5	121.6
130	93.3	65.5	121.6





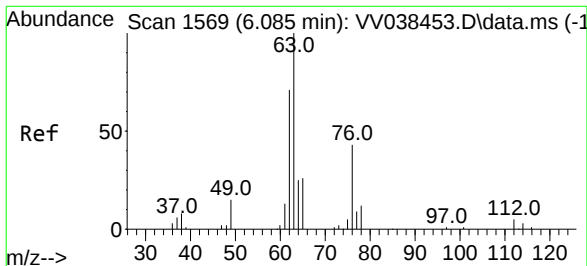
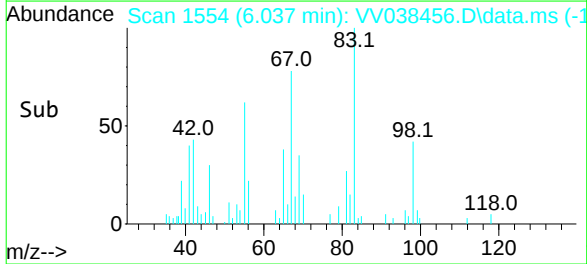
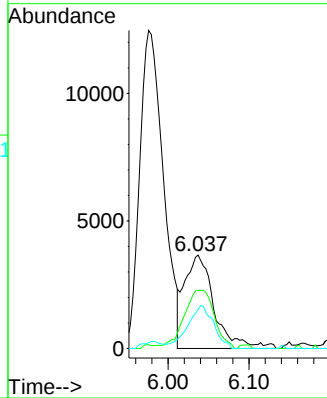
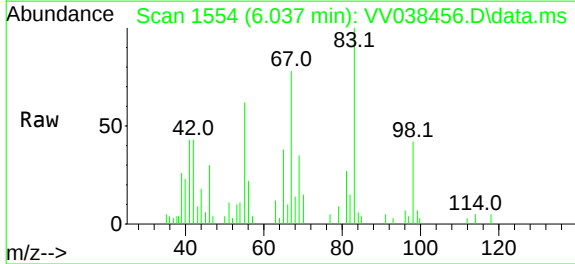
#35
Methylcyclohexane
Concen: 0.270 ug/L m
RT: 6.037 min Scan# 1555
Delta R.T. -0.003 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 83 Resp: 9376
Ion Ratio Lower Upper
83 100
55 62.8 59.4 89.0
98 40.2 37.8 56.8

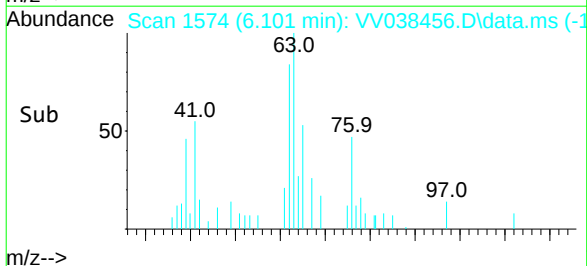
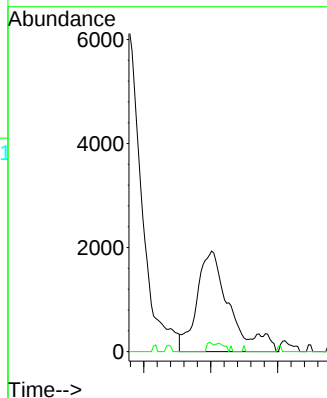
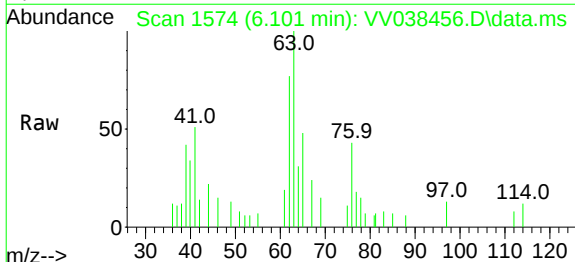
Manual Integrations
APPROVED

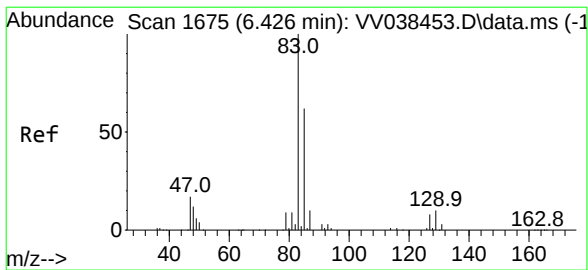
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#37
1,2-Dichloropropane
Concen: 0.288 ug/L m
RT: 6.101 min Scan# 1574
Delta R.T. 0.016 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

Tgt Ion: 63 Resp: 6530
Ion Ratio Lower Upper
63 100
112 1.8 4.1 6.1#





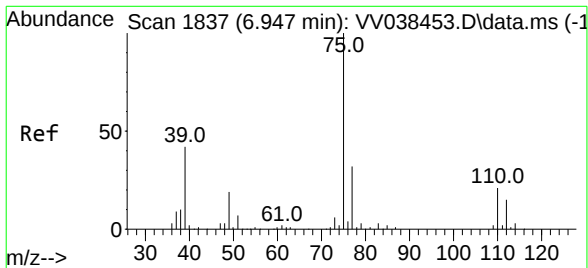
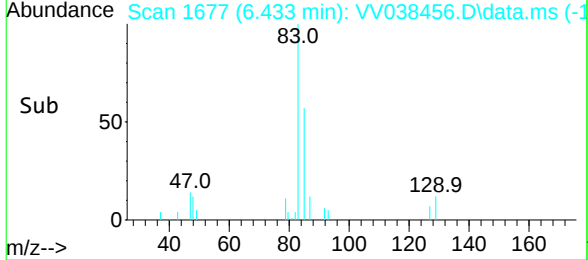
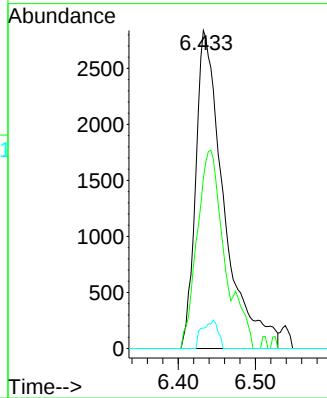
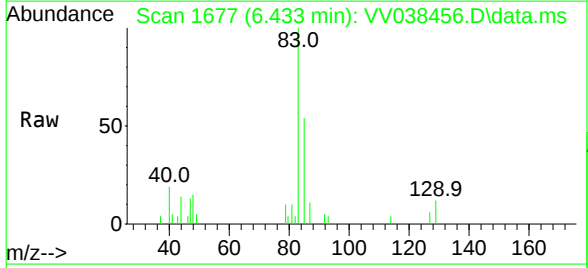
#38
Bromodichloromethane
Concen: 0.244 ug/L
RT: 6.433 min Scan# 1677
Delta R.T. 0.007 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:	83	Resp:	7179
Ion	Ratio	Lower	Upper
83	100		
85	53.6	44.7	83.1
127	6.4	6.8	10.2

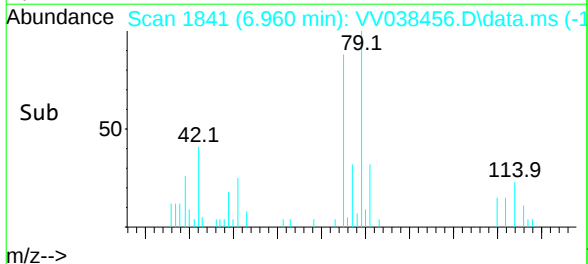
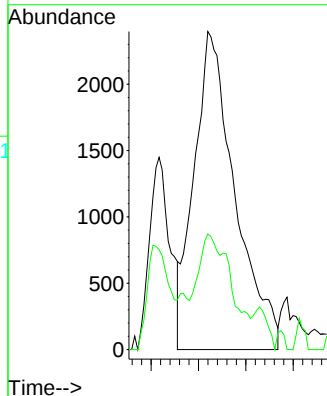
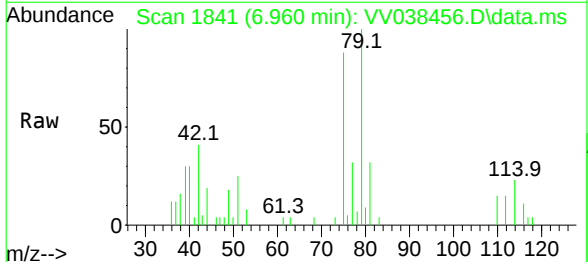
Manual Integrations
APPROVED

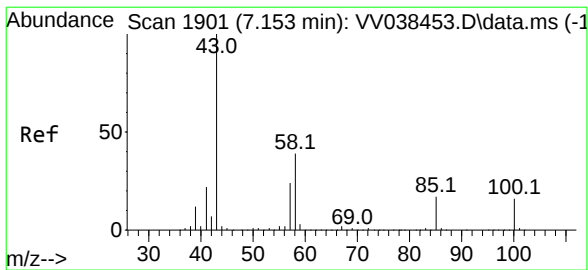
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#39
cis-1,3-Dichloropropene
Concen: 0.231 ug/L m
RT: 6.960 min Scan# 1841
Delta R.T. 0.013 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

Tgt Ion:	75	Resp:	7211
Ion	Ratio	Lower	Upper
75	100		
77	36.4	21.7	40.3





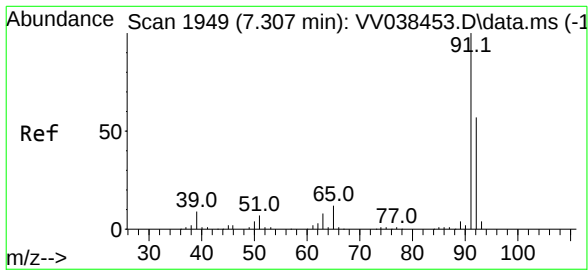
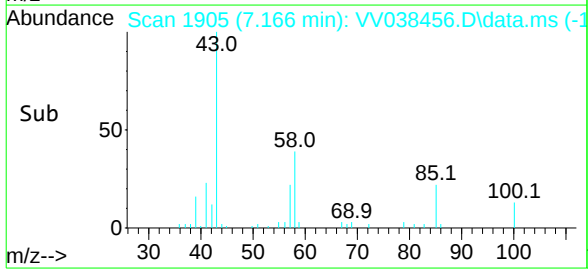
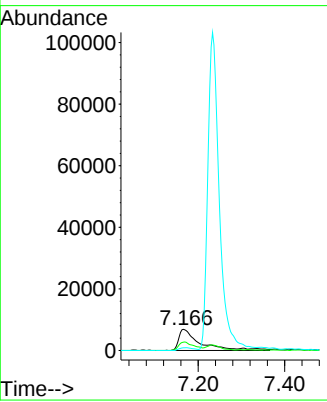
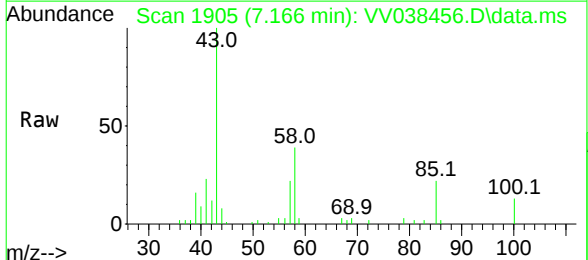
#40
4-Methyl-2-pentanone
Concen: 2.057 ug/L m
RT: 7.166 min Scan# 19
Delta R.T. 0.013 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:	43	Resp:	24112
Ion	Ratio	Lower	Upper
43	100		
58	28.1	31.7	47.5#
100	0.0	12.4	18.6#

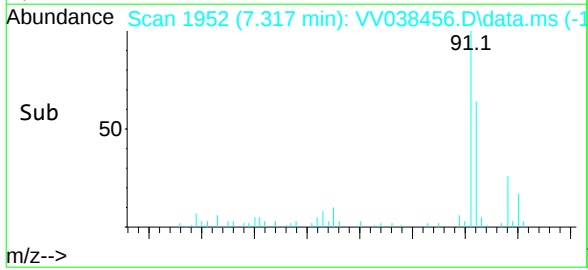
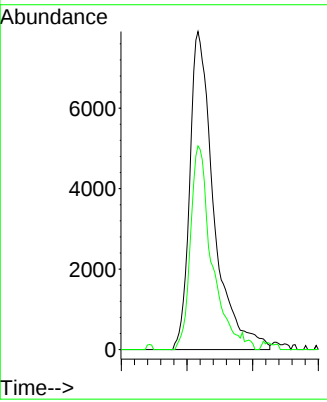
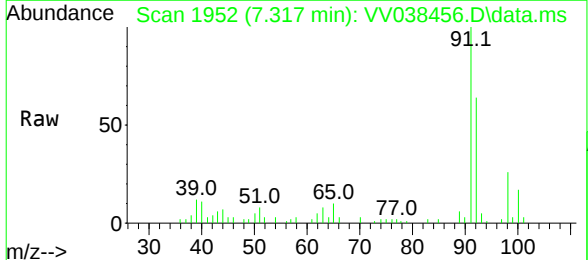
Manual Integrations
APPROVED

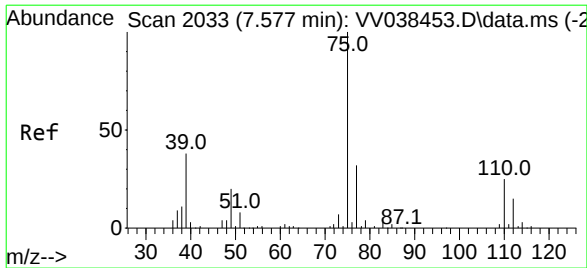
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#42
Toluene
Concen: 0.220 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. 0.010 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

Tgt Ion:	91	Resp:	20113
Ion	Ratio	Lower	Upper
91	100		
92	64.0	40.6	75.4





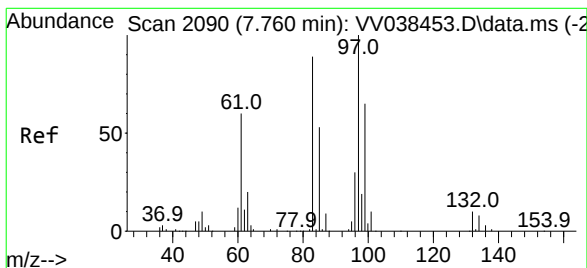
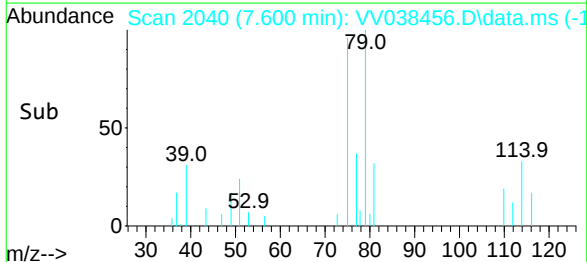
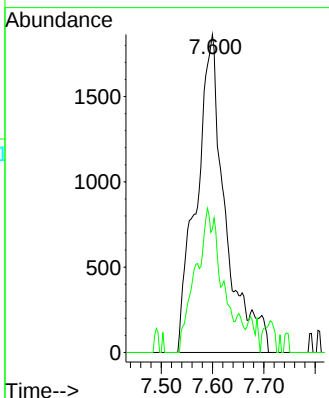
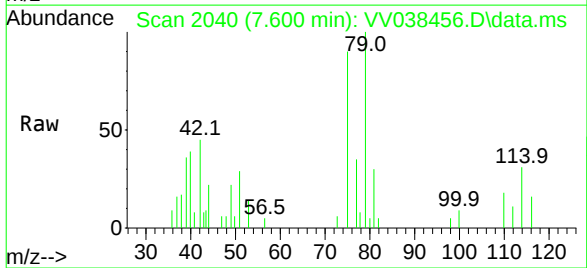
#44
trans-1,3-Dichloropropene
Concen: 0.275 ug/L m
RT: 7.600 min Scan# 2033
Delta R.T. 0.023 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 75 Resp: 7268
Ion Ratio Lower Upper
75 100
77 38.7 22.8 42.4

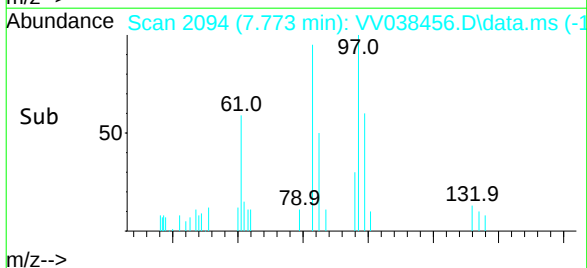
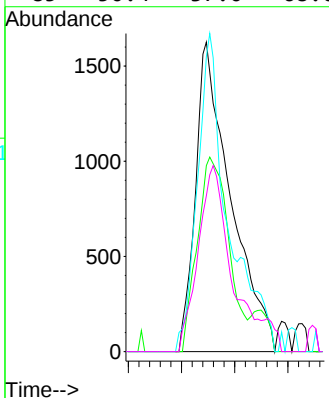
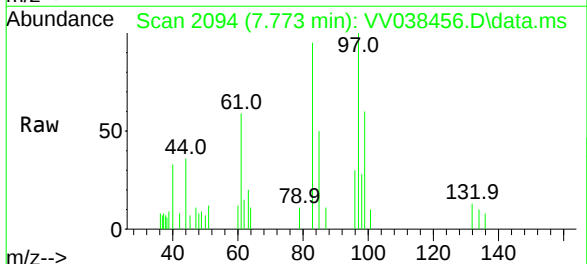
Manual Integrations
APPROVED

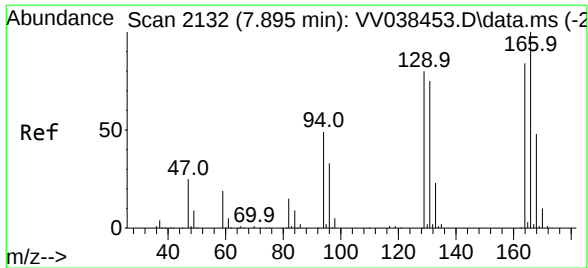
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#45
1,1,2-Trichloroethane
Concen: 0.229 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.013 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

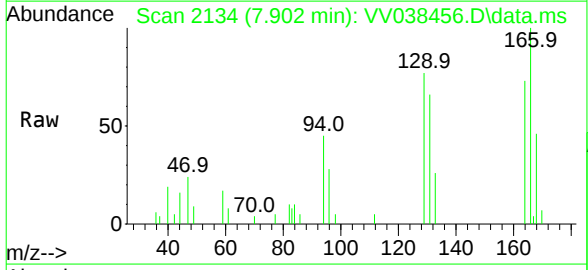
Tgt Ion: 97 Resp: 3736
Ion Ratio Lower Upper
97 100
99 60.1 42.3 78.5
83 95.3 59.4 110.4
85 50.4 37.0 68.6





#47
Tetrachloroethene
Concen: 0.217 ug/L
RT: 7.902 min Scan# 2132
Delta R.T. 0.007 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

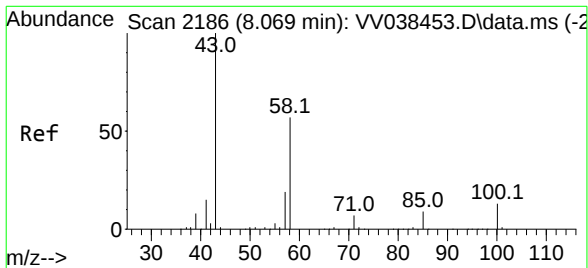
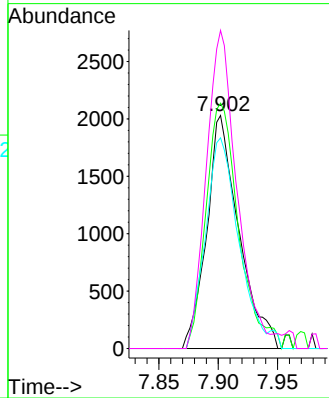
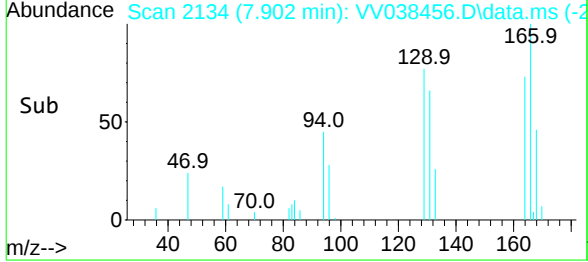
Instrument :
MSVOA_V
ClientSampleId :
MDL01



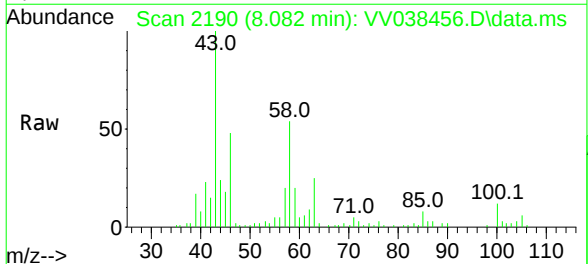
Tgt Ion	Ratio	Lower	Upper
164	100		
129	105.3	68.9	127.9
131	90.4	65.2	121.2
166	136.5	86.7	160.9

Manual Integrations
APPROVED

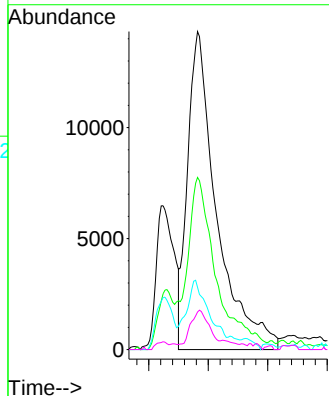
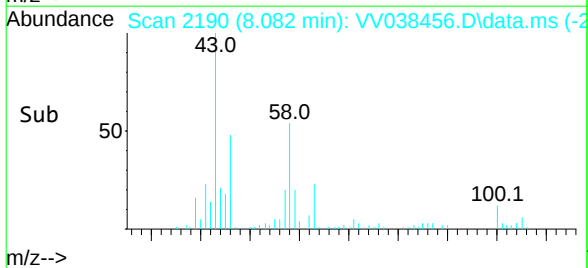
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

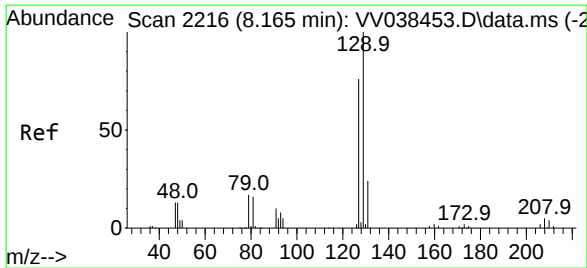


#48
2-Hexanone
Concen: 5.736 ug/L m
RT: 8.082 min Scan# 2190
Delta R.T. 0.013 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05



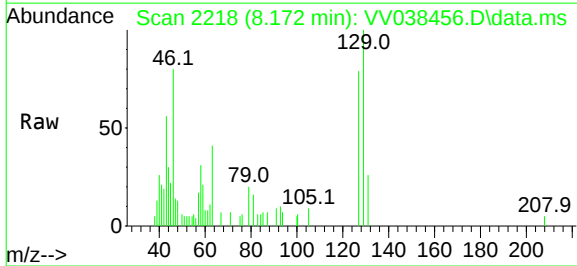
Tgt Ion	Ratio	Lower	Upper
43	100		
58	48.0	43.6	65.4
57	13.8	15.0	22.4#
100	6.7	10.0	15.0#





#49
Dibromochloromethane
Concen: 0.232 ug/L
RT: 8.172 min Scan# 2216
Delta R.T. 0.007 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

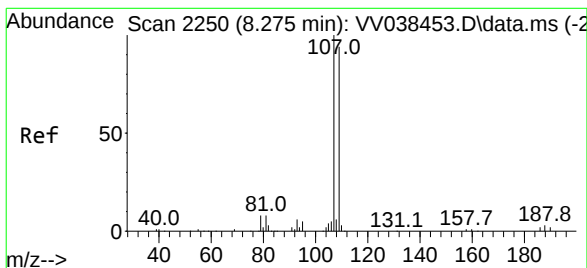
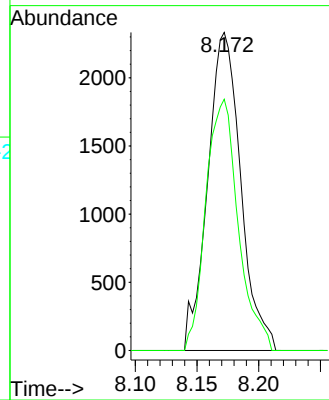
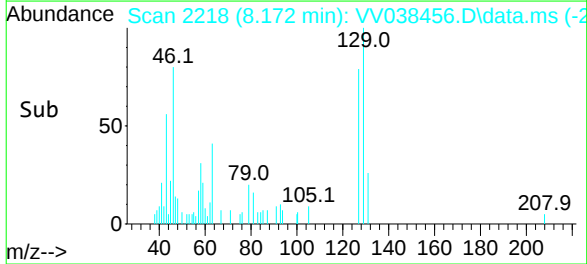
Instrument :
MSVOA_V
ClientSampleId :
MDL01



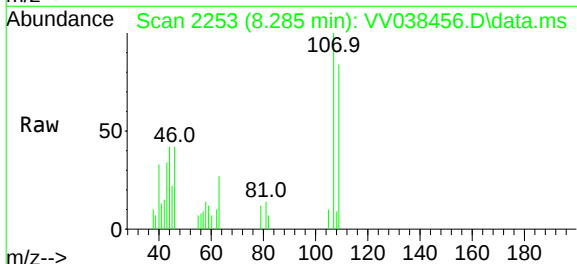
Tgt Ion:129 Resp: 4342
Ion Ratio Lower Upper
129 100
127 79.0 52.8 98.2

Manual Integrations
APPROVED

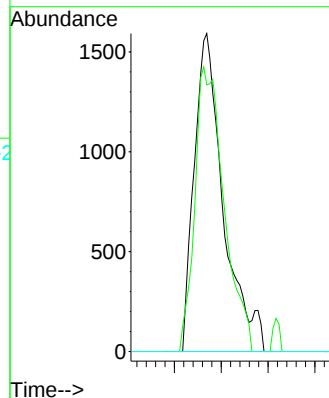
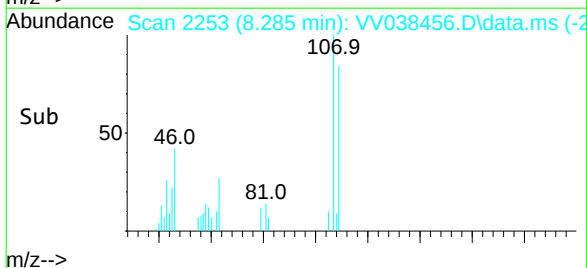
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

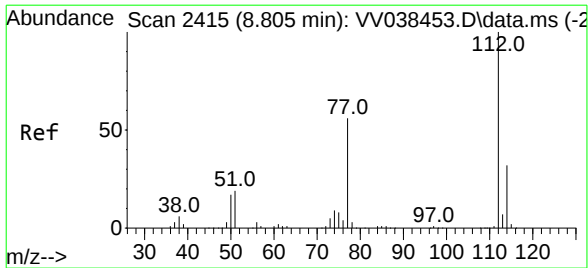


#50
1,2-Dibromoethane
Concen: 0.226 ug/L m
RT: 8.285 min Scan# 2253
Delta R.T. 0.010 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05



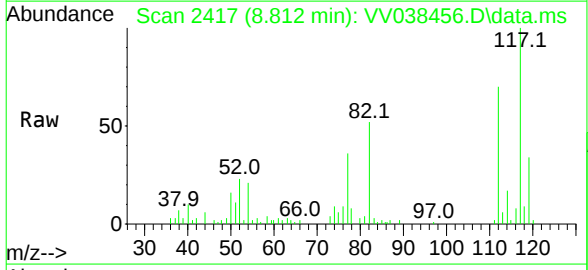
Tgt Ion:107 Resp: 3431
Ion Ratio Lower Upper
107 100
109 83.9 65.9 122.3
188 0.0 2.8 4.2#





#51
Chlorobenzene
Concen: 0.240 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.007 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

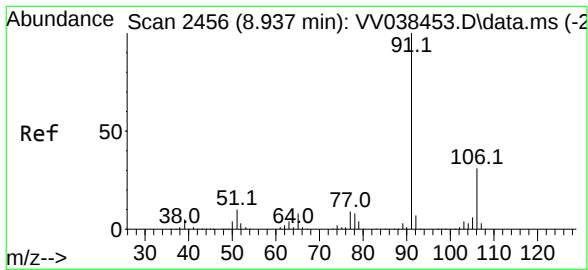
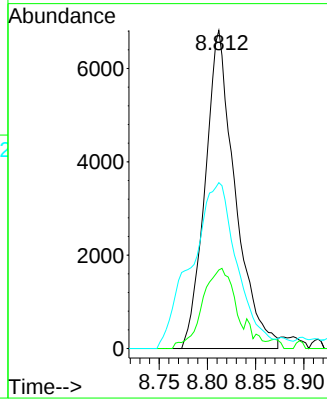
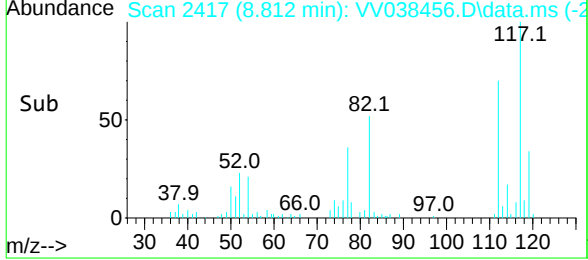
Instrument :
MSVOA_V
ClientSampleId :
MDL01



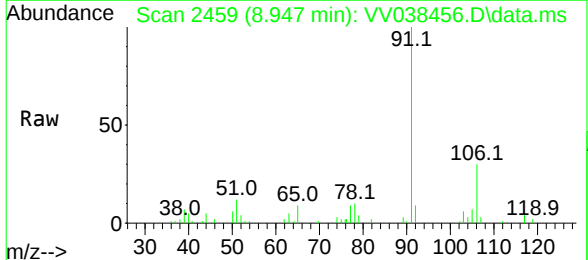
Tgt Ion: 112 Resp: 14738
Ion Ratio Lower Upper
112 100
114 24.7 22.9 42.5
77 52.1 46.1 69.1

Manual Integrations
APPROVED

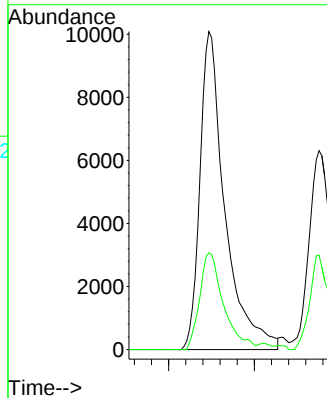
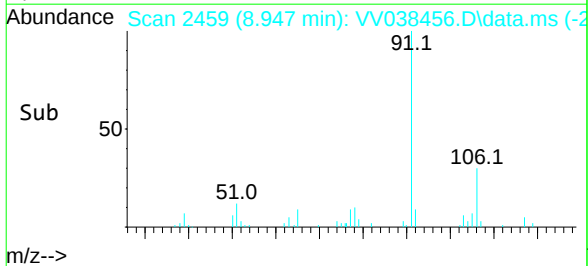
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

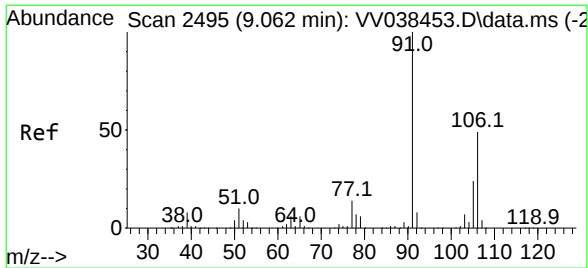


#52
Ethylbenzene
Concen: 0.207 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05



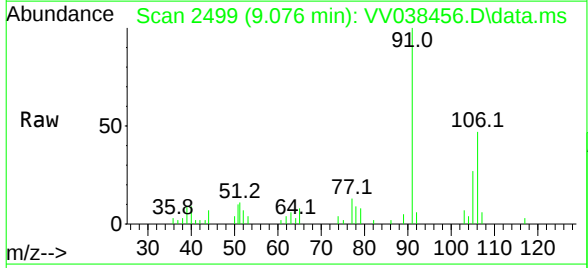
Tgt Ion: 91 Resp: 20349
Ion Ratio Lower Upper
91 100
106 30.4 22.0 40.8





#53
m,p-Xylene
Concen: 0.168 ug/L
RT: 9.076 min Scan# 2499
Delta R.T. 0.013 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

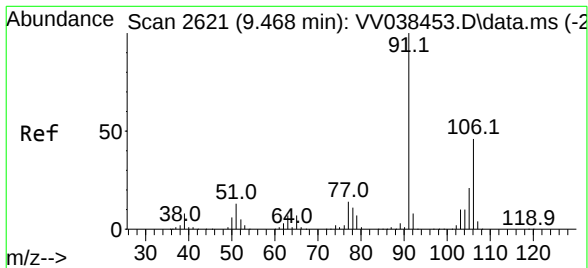
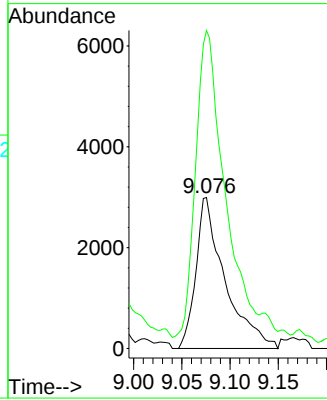
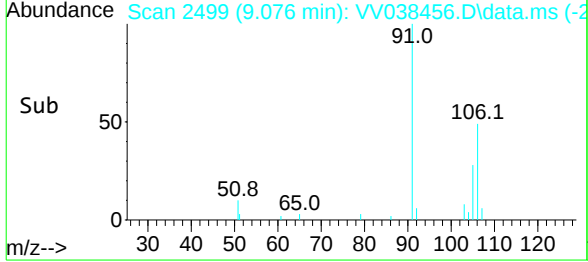
Instrument :
MSVOA_V
ClientSampleId :
MDL01



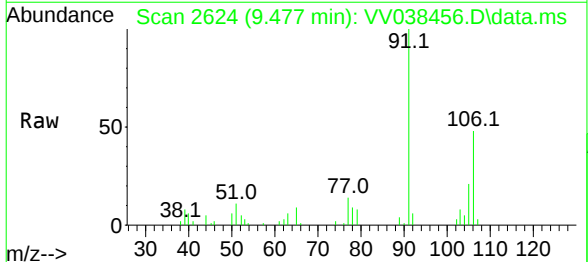
Tgt Ion:106 Resp: 6265
Ion Ratio Lower Upper
106 100
91 210.6 148.2 275.2

Manual Integrations
APPROVED

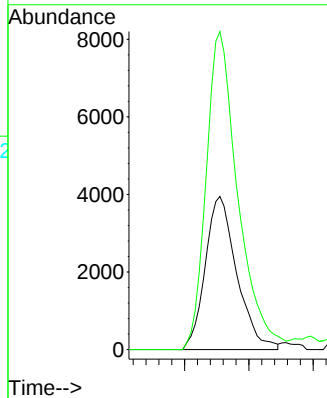
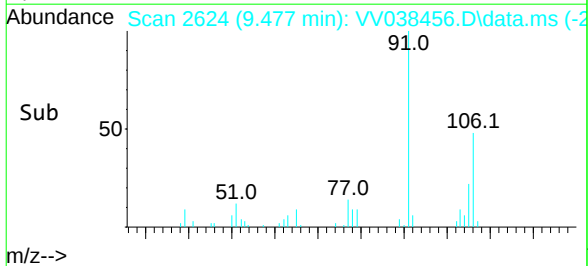
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

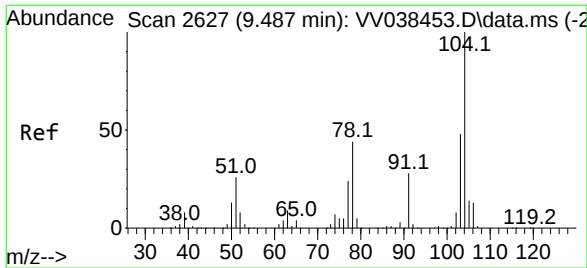


#54
o-Xylene
Concen: 0.189 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05



Tgt Ion:106 Resp: 6718
Ion Ratio Lower Upper
106 100
91 207.7 151.4 281.2





#55

Styrene

Concen: 0.159 ug/L m

RT: 9.506 min Scan# 26

Delta R.T. 0.020 min

Lab File: VV038456.D

Acq: 20 Jan 2025 12:05

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion:104 Resp: 9834

Ion Ratio Lower Upper

104 100

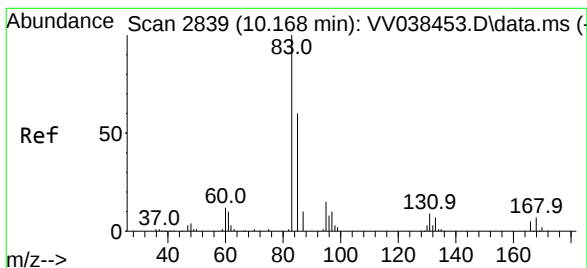
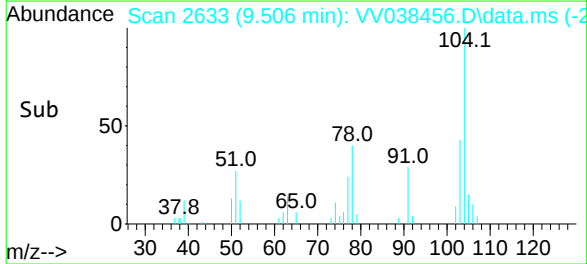
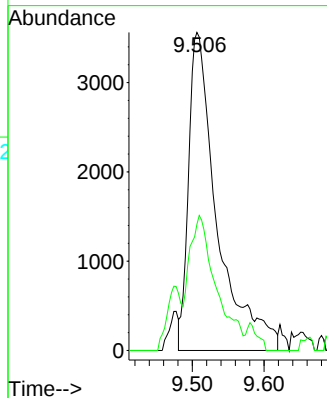
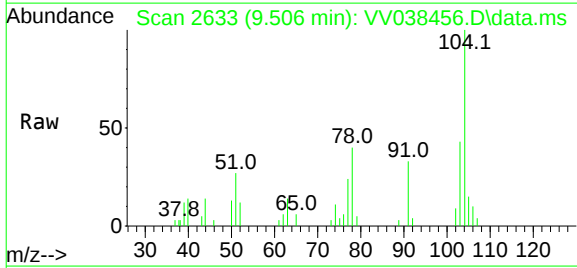
78 39.7 30.8 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2025

Supervised By :Mahesh Dadoda 01/21/2025



#57

1,1,2,2-Tetrachloroethane

Concen: 0.239 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV038456.D

Acq: 20 Jan 2025 12:05

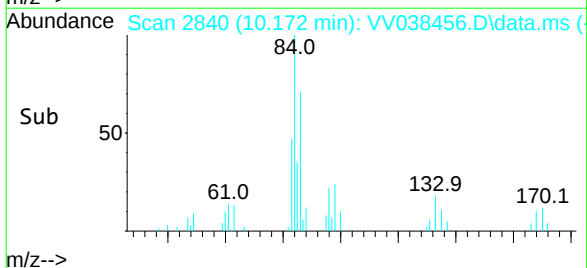
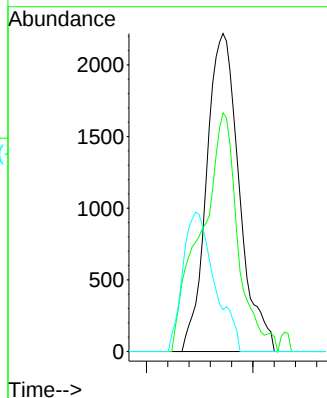
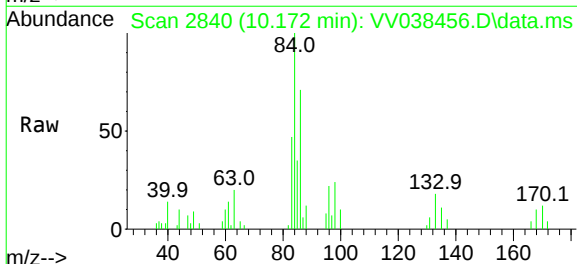
Tgt Ion: 83 Resp: 4738

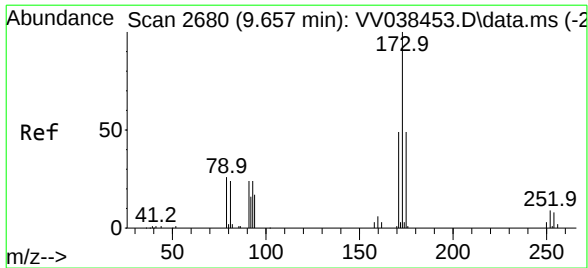
Ion Ratio Lower Upper

83 100

85 75.1 45.1 83.7

131 13.2 7.5 11.3#





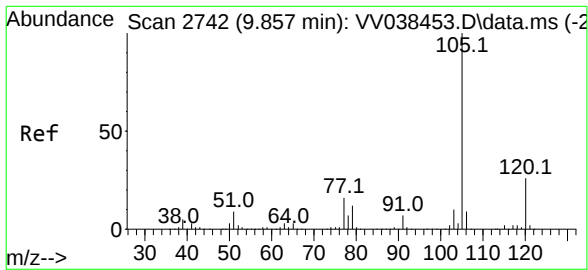
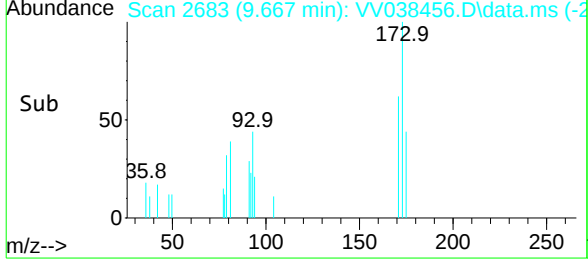
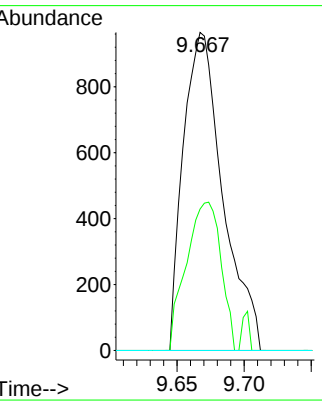
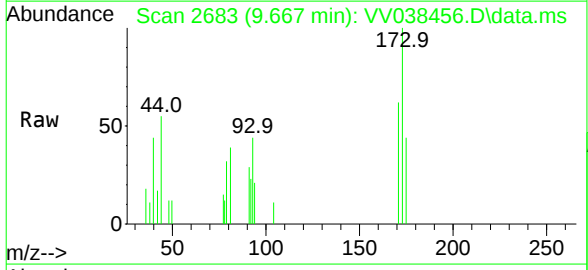
#59
 Bromoform
 Concen: 0.242 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. 0.010 min
 Lab File: VV038456.D
 Acq: 20 Jan 2025 12:05

Instrument : MSVOA_V
 ClientSampleId : MDL01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	40.9	37.6	56.4
254	0.0	5.6	8.4

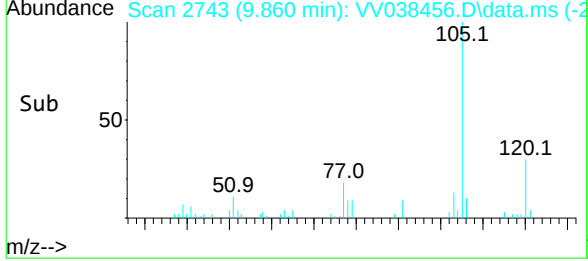
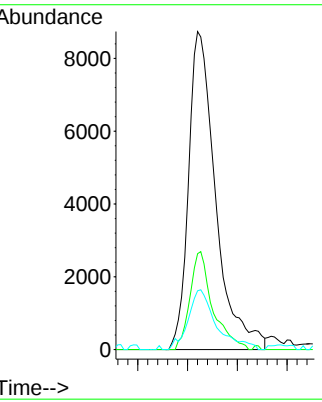
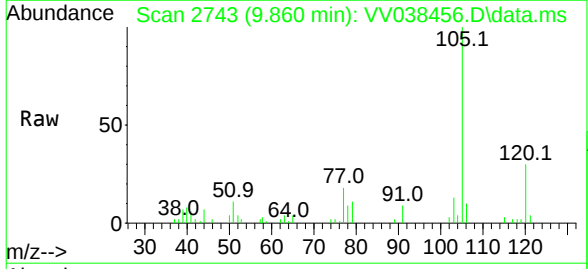
Manual Integrations
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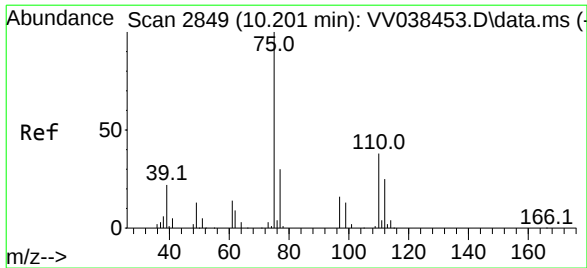
Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025



#60
 Isopropylbenzene
 Concen: 0.210 ug/L
 RT: 9.860 min Scan# 2743
 Delta R.T. 0.003 min
 Lab File: VV038456.D
 Acq: 20 Jan 2025 12:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.4	32.2
77	19.4	12.7	19.1





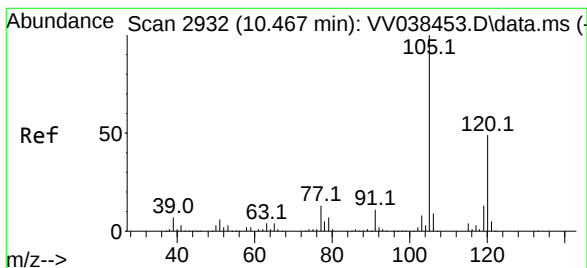
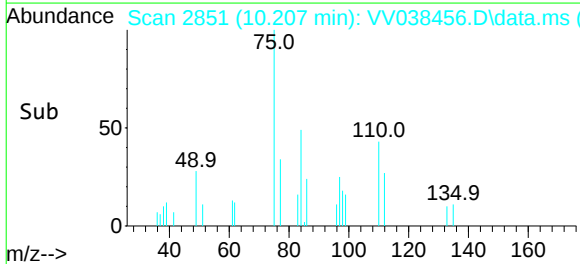
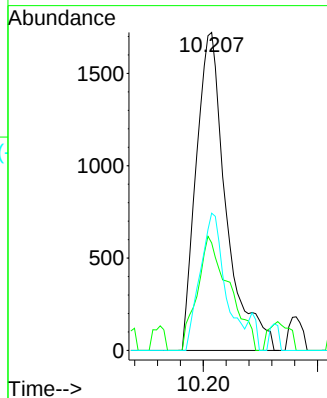
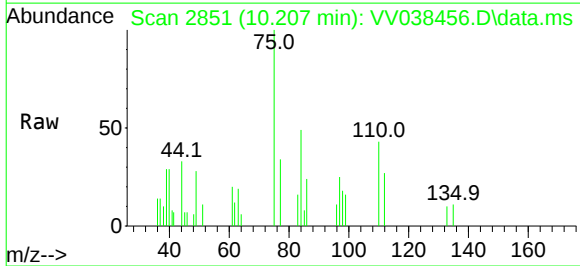
#61
1,2,3-Trichloropropane
Concen: 0.278 ug/L
RT: 10.207 min Scan# 2849
Delta R.T. 0.007 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 75 Resp: 3126
Ion Ratio Lower Upper
75 100
77 38.3 25.4 38.0#
110 36.2 32.6 48.8

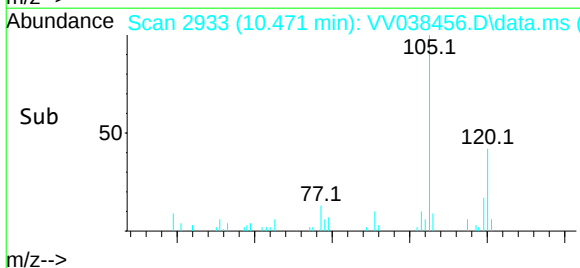
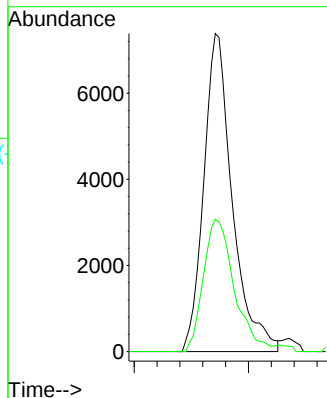
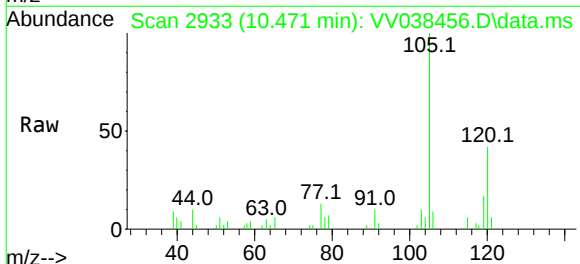
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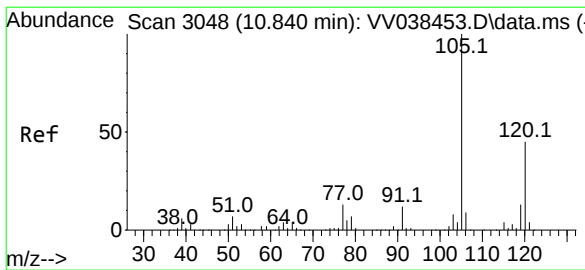
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#62
1,3,5-Trimethylbenzene
Concen: 0.208 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. 0.003 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

Tgt Ion:105 Resp: 12798
Ion Ratio Lower Upper
105 100
120 45.0 39.4 59.0





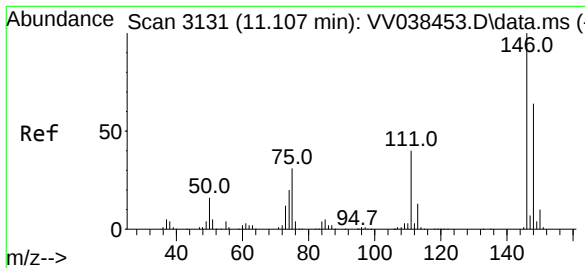
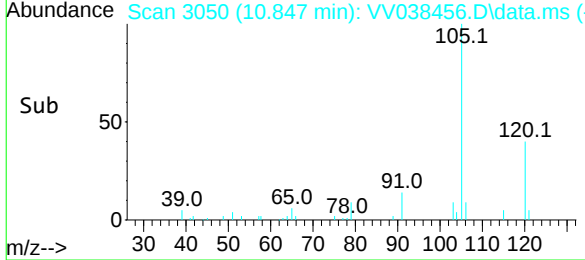
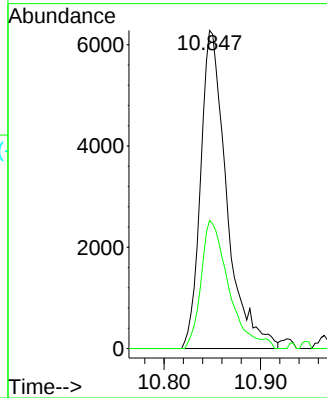
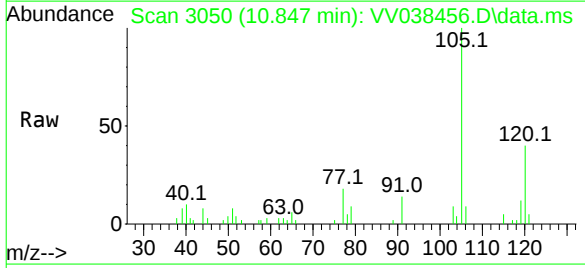
#63
1,2,4-Trimethylbenzene
Concen: 0.192 ug/L
RT: 10.847 min Scan# 3048
Delta R.T. 0.007 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:105 Resp: 11808
Ion Ratio Lower Upper
105 100
120 42.6 35.8 53.8

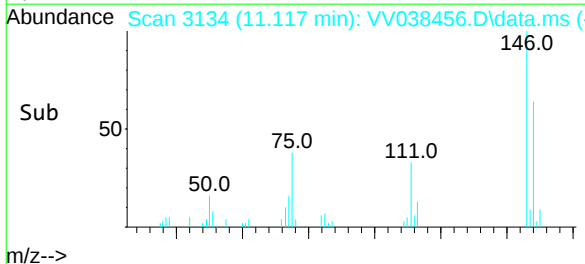
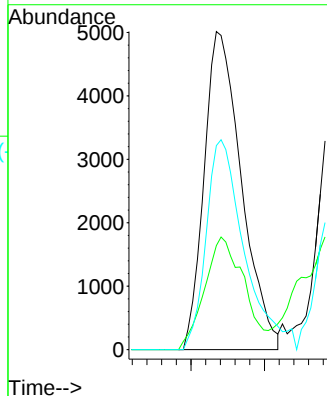
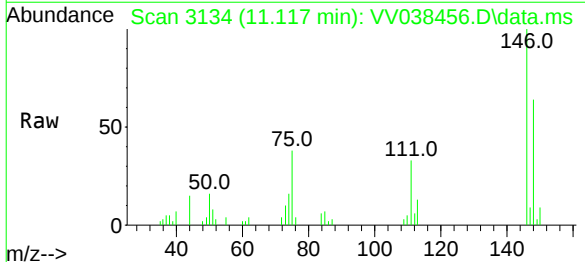
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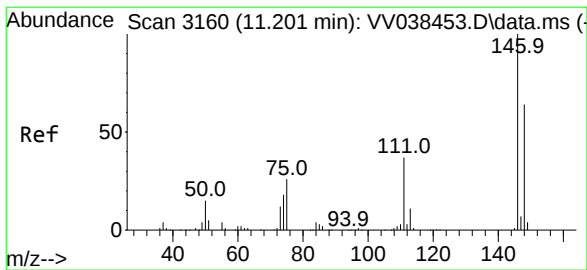
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#64
1,3-Dichlorobenzene
Concen: 0.227 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.010 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

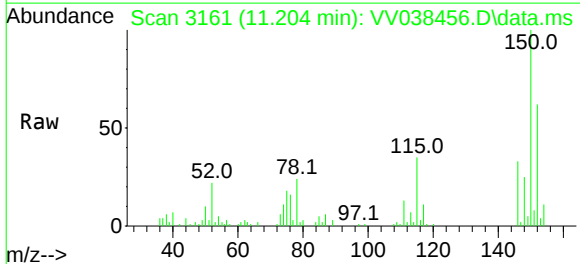
Tgt Ion:146 Resp: 8843
Ion Ratio Lower Upper
146 100
111 32.7 27.9 51.9
148 64.1 44.7 83.1





#65
1,4-Dichlorobenzene
Concen: 0.257 ug/L
RT: 11.204 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

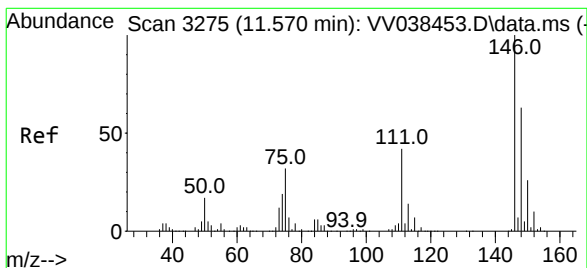
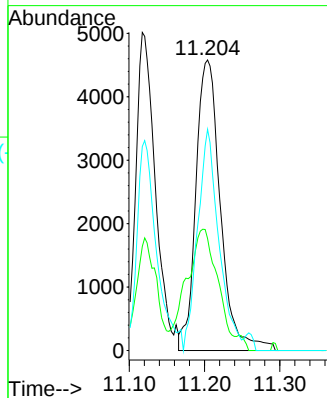
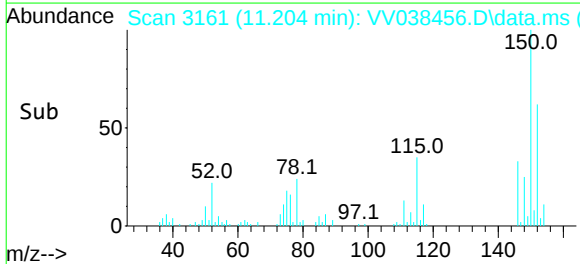
Instrument :
MSVOA_V
ClientSampleId :
MDL01



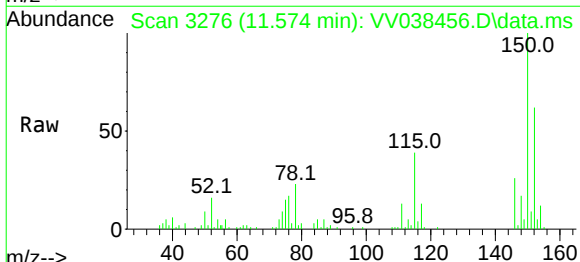
Tgt Ion:146 Resp: 10375
Ion Ratio Lower Upper
146 100
111 38.5 28.1 52.3
148 76.1 44.7 83.1

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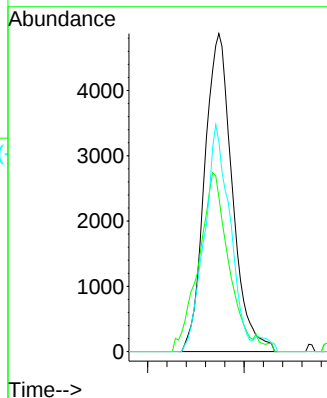
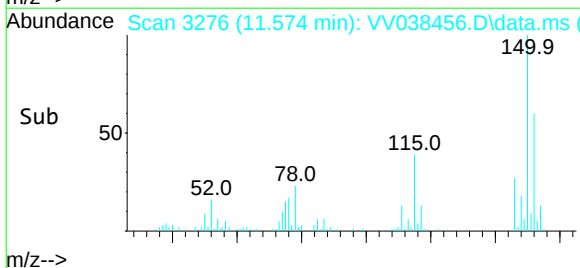
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

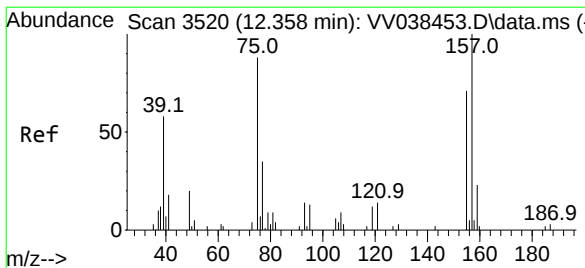


#67
1,2-Dichlorobenzene
Concen: 0.266 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.003 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05



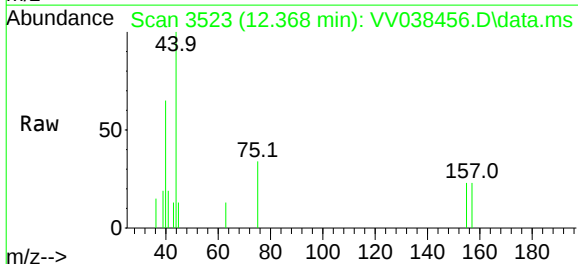
Tgt Ion:146 Resp: 9722
Ion Ratio Lower Upper
146 100
111 48.7 33.4 50.0
148 66.1 49.9 74.9





#68
1,2-Dibromo-3-chloropropane
Concen: 0.206 ug/L m
RT: 12.368 min Scan# 3520
Delta R.T. 0.010 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05

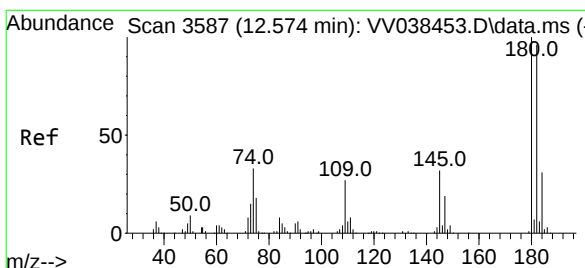
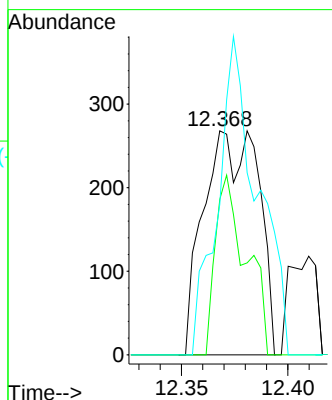
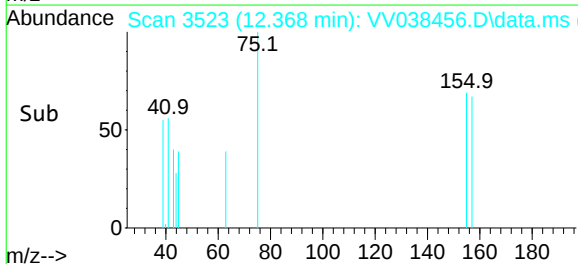
Instrument :
MSVOA_V
ClientSampleId :
MDL01



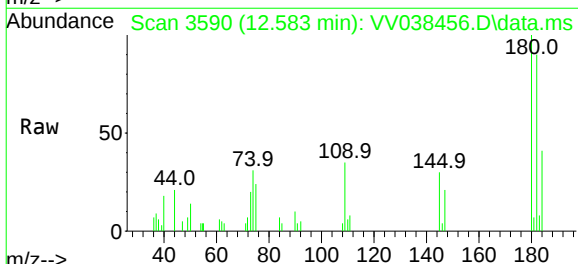
Tgt Ion: 75 Resp: 479
Ion Ratio Lower Upper
75 100
155 69.4 56.7 85.1
157 67.2 74.4 111.6#

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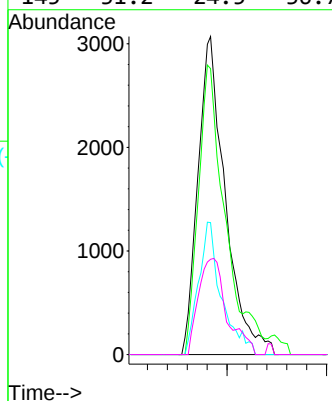
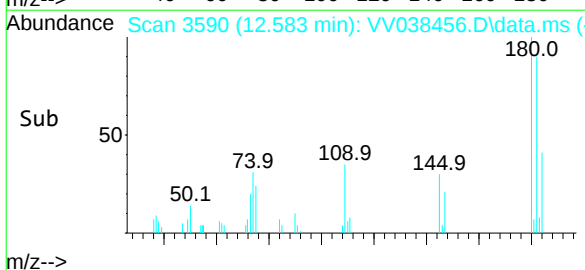
Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

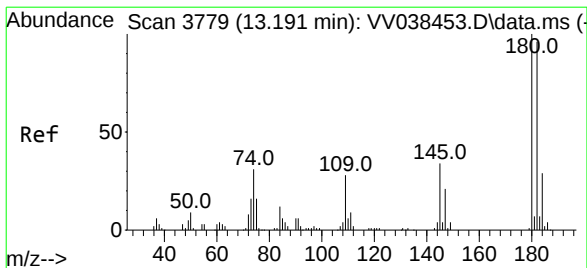


#69
1,3,5-Trichlorobenzene
Concen: 0.218 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.010 min
Lab File: VV038456.D
Acq: 20 Jan 2025 12:05



Tgt Ion:180 Resp: 5857
Ion Ratio Lower Upper
180 100
182 89.3 74.3 111.5
184 34.9 23.2 34.8#
145 31.2 24.5 36.7





#70

1,2,4-trichlorobenzene

Concen: 0.194 ug/L m

RT: 13.204 min Scan# 3779

Delta R.T. 0.013 min

Lab File: VV038456.D

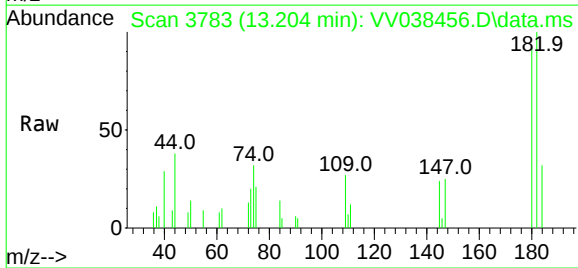
Acq: 20 Jan 2025 12:05

Instrument :

MSVOA_V

ClientSampleId :

MDL01

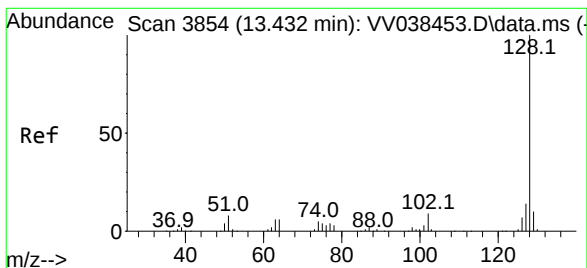
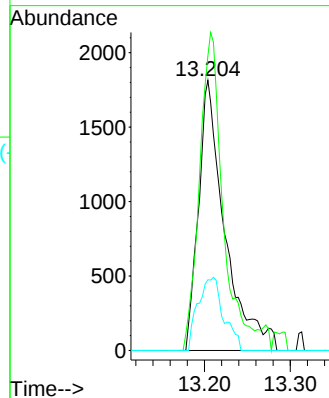
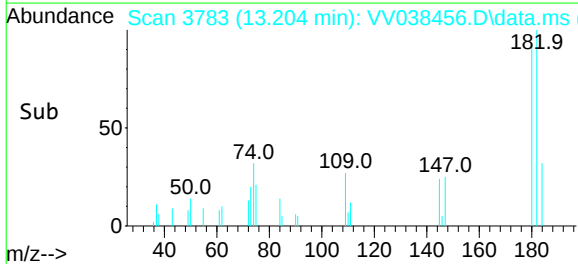


Tgt Ion:	180	Resp:	3861
Ion Ratio	Lower	Upper	
180	100		
182	103.9	77.5	116.3
145	26.3	26.2	39.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#71

Naphthalene

Concen: 0.206 ug/L m

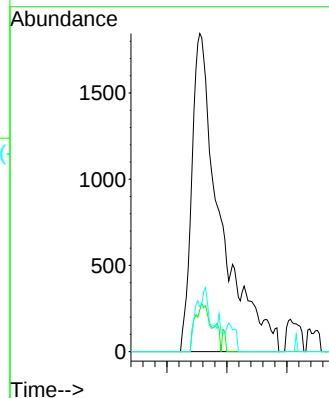
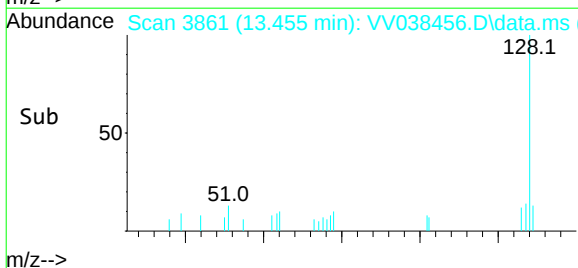
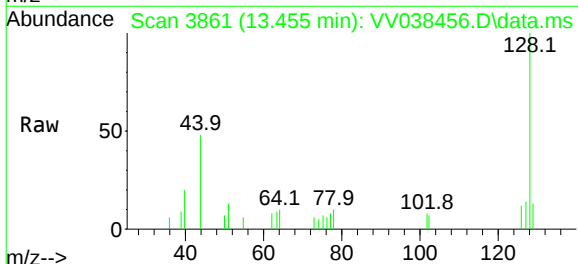
RT: 13.455 min Scan# 3861

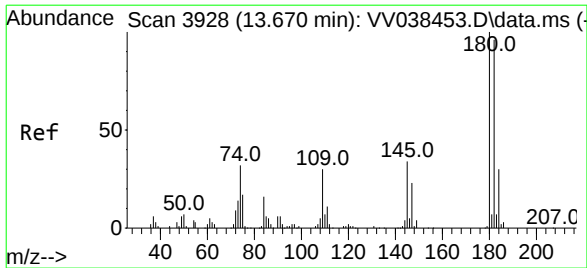
Delta R.T. 0.023 min

Lab File: VV038456.D

Acq: 20 Jan 2025 12:05

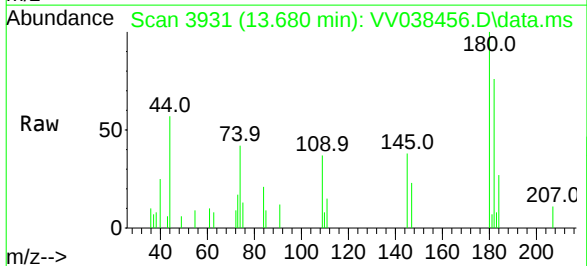
Tgt Ion:	128	Resp:	6089
Ion Ratio	Lower	Upper	
128	100		
129	7.2	8.3	12.5#
127	9.1	11.0	16.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.204 ug/L m
 RT: 13.680 min Scan# 39
 Delta R.T. 0.010 min
 Lab File: VV038456.D
 Acq: 20 Jan 2025 12:05

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01



Tgt Ion:	180	Resp:	3511
Ion Ratio	Lower	Upper	
180	100		
182	83.0	77.0	115.6
145	36.5	27.1	40.7

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025

