

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070325\
 Data File : VV038858.D
 Acq On : 03 Jul 2025 13:52
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025
 Supervised By :Semsettin Yesilyurt 07/07/2025

Quant Time: Jul 04 04:06:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 04 04:06:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	448227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	777387	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	714315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	348702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	275776	54.898	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 109.800%			
35) Dibromofluoromethane	4.500	113	244061	49.564	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 99.120%			
50) Toluene-d8	7.236	98	701101	44.007	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 88.020%#			
62) 4-Bromofluorobenzene	10.001	95	263847	40.992	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 81.980%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.117	85	2565	0.603	ug/l	94
3) Chloromethane	1.230	50	3954	0.757	ug/l	98
4) Vinyl Chloride	1.297	62	3902	0.804	ug/l #	78
5) Bromomethane	1.500	94	3301	1.114	ug/l	100
6) Chloroethane	1.564	64	2073	0.637	ug/l #	73
7) Trichlorofluoromethane	1.728	101	5367	0.625	ug/l	98
8) Diethyl Ether	1.921	74	1935	0.647	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.082	101	3519	0.725	ug/l	98
10) Methyl Iodide	2.198	142	2400	0.389	ug/l	93
11) Tert butyl alcohol	2.568	59	1663m	2.536	ug/l	
12) 1,1-Dichloroethene	2.085	96	3666	0.794	ug/l	92
13) Acrolein	2.018	56	629	3.842	ug/l	94
14) Allyl chloride	2.365	41	4043	0.651	ug/l #	84
15) Acrylonitrile	2.722	53	6328	2.759	ug/l #	47
16) Acetone	2.127	43	6333	3.783	ug/l	91
17) Carbon Disulfide	2.252	76	8712	0.815	ug/l	96
18) Methyl Acetate	2.404	43	3315m	0.581	ug/l	
19) Methyl tert-butyl Ether	2.715	73	7872	0.552	ug/l	99
20) Methylene Chloride	2.461	84	4557	0.824	ug/l #	84
21) trans-1,2-Dichloroethene	2.715	96	3072	0.665	ug/l #	61
22) Diisopropyl ether	3.217	45	6796	0.534	ug/l #	19
23) Vinyl Acetate	3.252	43	22577m	2.460	ug/l	
24) 1,1-Dichloroethane	3.127	63	6185	0.721	ug/l	93
25) 2-Butanone	4.014	43	6459m	2.609	ug/l	
26) 2,2-Dichloropropane	3.825	77	5083m	0.639	ug/l	
27) cis-1,2-Dichloroethene	3.847	96	2909	0.541	ug/l	94
28) Bromochloromethane	4.182	49	2212m	0.603	ug/l	
29) Tetrahydrofuran	4.284	42	5781m	3.448	ug/l	
30) Chloroform	4.291	83	6374m	0.682	ug/l	
31) Cyclohexane	4.593	56	12937	1.904	ug/l #	34
32) 1,1,1-Trichloroethane	4.510	97	5627	0.649	ug/l #	50
36) 1,1-Dichloropropene	4.773	75	4821m	0.807	ug/l	
37) Ethyl Acetate	4.014	43	3859m	0.633	ug/l	
38) Carbon Tetrachloride	4.735	117	5430m	0.690	ug/l	
39) Methylcyclohexane	6.040	83	4835m	0.619	ug/l	
40) Benzene	5.024	78	12378m	0.627	ug/l	

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 QLast Update : Fri Jul 04 04:06:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.059	62	5217	0.747	ug/l	81
43) Isopropyl Acetate	5.246	43	5962m	0.613	ug/l	
44) Trichloroethene	5.850	130	3167m	0.615	ug/l	
45) 1,2-Dichloropropane	6.117	63	3119m	0.629	ug/l	
46) Dibromomethane	6.252	93	1998m	0.511	ug/l	
47) Bromodichloromethane	6.442	83	4383	0.530	ug/l	93
48) Methyl methacrylate	6.410	41	2426m	0.525	ug/l	
51) 4-Methyl-2-Pentanone	7.162	43	12474	2.032	ug/l	97
52) Toluene	7.329	92	7198	0.584	ug/l	97
53) t-1,3-Dichloropropene	7.612	75	4251m	0.537	ug/l	
54) cis-1,3-Dichloropropene	6.979	75	4804m	0.593	ug/l	
55) 1,1,2-Trichloroethane	7.783	97	3513	0.652	ug/l #	86
56) Ethyl methacrylate	7.773	69	3134m	0.442	ug/l	
57) 1,3-Dichloropropane	7.956	76	4449	0.524	ug/l #	65
58) 2-Chloroethyl Vinyl ether	6.857	63	7743m	2.405	ug/l	
59) 2-Hexanone	8.114	43	8558m	1.977	ug/l	
60) Dibromochloromethane	8.178	129	4006	0.590	ug/l	94
61) 1,2-Dibromoethane	8.294	107	3380m	0.606	ug/l	
64) Tetrachloroethene	7.908	164	3127	0.681	ug/l #	82
65) Chlorobenzene	8.808	112	9247	0.614	ug/l #	84
66) 1,1,1,2-Tetrachloroethane	8.905	131	3179	0.566	ug/l #	65
67) Ethyl Benzene	8.953	91	11979	0.508	ug/l	90
68) m/p-Xylenes	9.079	106	8718m	0.965	ug/l	
69) o-Xylene	9.484	106	4064	0.471	ug/l	87
70) Styrene	9.513	104	7521m	0.499	ug/l	
71) Bromoform	9.670	173	2750	0.602	ug/l #	91
73) Isopropylbenzene	9.863	105	10694	0.523	ug/l	96
74) N-amyl acetate	9.763	43	3445m	0.481	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.175	83	5065	0.683	ug/l #	90
76) 1,2,3-Trichloropropane	10.207	75	3721m	0.690	ug/l	
77) Bromobenzene	10.159	156	3754	0.711	ug/l	97
78) n-propylbenzene	10.287	91	14777	0.607	ug/l	97
79) 2-Chlorotoluene	10.361	91	7710	0.521	ug/l	96
80) 1,3,5-Trimethylbenzene	10.477	105	8732	0.499	ug/l	95
81) trans-1,4-Dichloro-2-b...	9.940	75	1195m	0.471	ug/l	
82) 4-Chlorotoluene	10.487	91	8443	0.495	ug/l	86
83) tert-Butylbenzene	10.792	119	10546	0.581	ug/l	98
84) 1,2,4-Trimethylbenzene	10.857	105	8454	0.493	ug/l	97
85) sec-Butylbenzene	11.017	105	11919	0.516	ug/l	100
86) p-Isopropyltoluene	11.175	119	10688	0.540	ug/l	92
87) 1,3-Dichlorobenzene	11.123	146	6866	0.640	ug/l	96
88) 1,4-Dichlorobenzene	11.197	146	8202m	0.725	ug/l	
89) n-Butylbenzene	11.590	91	8711	0.474	ug/l	95
90) Hexachloroethane	11.824	117	2810	0.654	ug/l	96
91) 1,2-Dichlorobenzene	11.583	146	6107	0.604	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.365	75	963m	0.613	ug/l	
93) 1,2,4-Trichlorobenzene	13.201	180	3644	0.556	ug/l	90
94) Hexachlorobutadiene	13.368	225	1997	0.631	ug/l	86
95) Naphthalene	13.448	128	11437m	0.548	ug/l	
96) 1,2,3-Trichlorobenzene	13.676	180	3714	0.549	ug/l	90

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

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Manual Integrations

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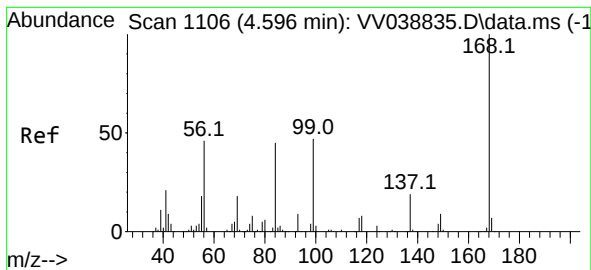
Reviewed By :Mahesh Dadoda 07/07/2025

Supervised By :Semsettin Yesilyurt 07/07/2025

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Supervised By :Semsettin Yesilyurt 07/07/2025

The chromatogram displays a series of peaks over a 17-minute period. The y-axis represents abundance, ranging from 0 to 1,500,000. The x-axis represents time in minutes, ranging from 0.00 to 17.00. The following table lists the labeled peaks and their approximate retention times:

Retention Time (min)	Label
0.50	1,1-Dichloroethane, T
0.70	Chlorobenzene, T
1.00	Trichlorofluoromethane, T
1.20	Diethyl Ether, T
1.50	1,1,1-Trichloroethane, T
1.80	Methyl tert-butyl ether, T
2.00	1,1,1-Trichloroethane, T
2.20	1,1,1-Trichloroethane, T
2.50	1,1,1-Trichloroethane, T
2.80	1,1,1-Trichloroethane, T
3.00	1,1,1-Trichloroethane, T
3.20	1,1,1-Trichloroethane, T
3.50	1,1,1-Trichloroethane, T
3.80	1,1,1-Trichloroethane, T
4.00	1,1,1-Trichloroethane, T
4.20	1,1,1-Trichloroethane, T
4.50	1,1,1-Trichloroethane, T
4.80	1,1,1-Trichloroethane, T
5.00	1,1,1-Trichloroethane, T
5.20	1,1,1-Trichloroethane, T
5.50	1,1,1-Trichloroethane, T
5.80	1,1,1-Trichloroethane, T
6.00	1,1,1-Trichloroethane, T
6.20	1,1,1-Trichloroethane, T
6.50	1,1,1-Trichloroethane, T
6.80	1,1,1-Trichloroethane, T
7.00	1,1,1-Trichloroethane, T
7.20	1,1,1-Trichloroethane, T
7.50	1,1,1-Trichloroethane, T
7.80	1,1,1-Trichloroethane, T
8.00	1,1,1-Trichloroethane, T
8.20	1,1,1-Trichloroethane, T
8.50	1,1,1-Trichloroethane, T
8.80	1,1,1-Trichloroethane, T
9.00	1,1,1-Trichloroethane, T
9.20	1,1,1-Trichloroethane, T
9.50	1,1,1-Trichloroethane, T
9.80	1,1,1-Trichloroethane, T
10.00	1,1,1-Trichloroethane, T
10.20	1,1,1-Trichloroethane, T
10.50	1,1,1-Trichloroethane, T
10.80	1,1,1-Trichloroethane, T
11.00	1,1,1-Trichloroethane, T
11.20	1,1,1-Trichloroethane, T
11.50	1,1,1-Trichloroethane, T
11.80	1,1,1-Trichloroethane, T
12.00	1,1,1-Trichloroethane, T
12.20	1,1,1-Trichloroethane, T
12.50	1,1,1-Trichloroethane, T
12.80	1,1,1-Trichloroethane, T
13.00	1,1,1-Trichloroethane, T
13.20	1,1,1-Trichloroethane, T
13.50	1,1,1-Trichloroethane, T
13.80	1,1,1-Trichloroethane, T
14.00	1,1,1-Trichloroethane, T
14.20	1,1,1-Trichloroethane, T
14.50	1,1,1-Trichloroethane, T
14.80	1,1,1-Trichloroethane, T
15.00	1,1,1-Trichloroethane, T
15.20	1,1,1-Trichloroethane, T
15.50	1,1,1-Trichloroethane, T
15.80	1,1,1-Trichloroethane, T
16.00	1,1,1-Trichloroethane, T
16.20	1,1,1-Trichloroethane, T
16.50	1,1,1-Trichloroethane, T
16.80	1,1,1-Trichloroethane, T
17.00	1,1,1-Trichloroethane, T



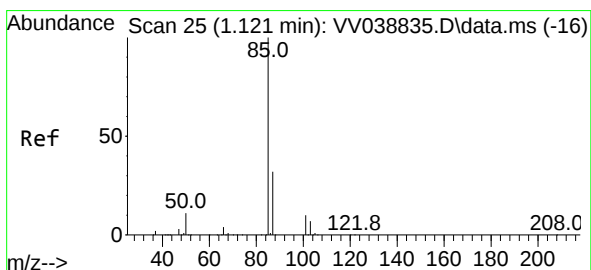
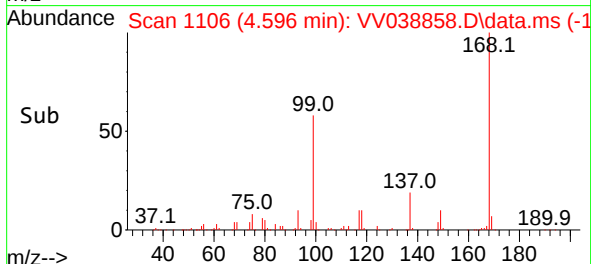
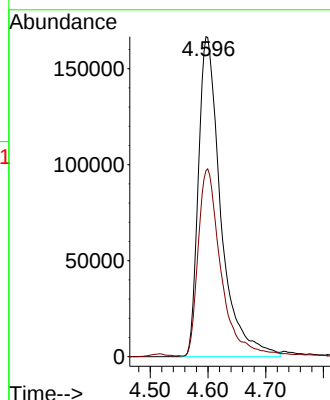
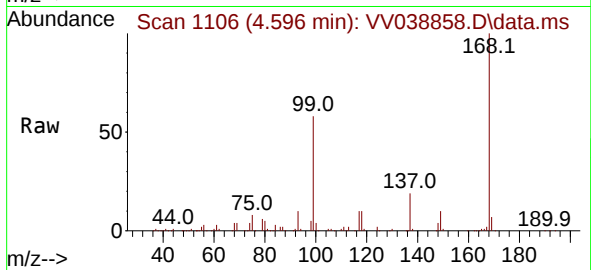
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:168 Resp: 44822
Ion Ratio Lower Upper
168 100
99 57.8 48.6 73.0

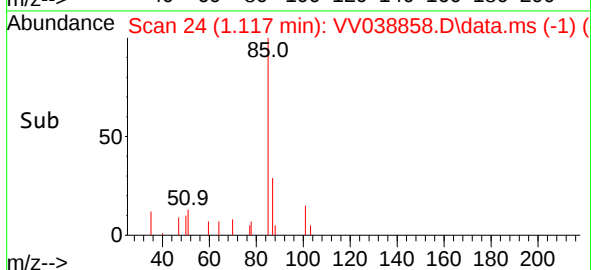
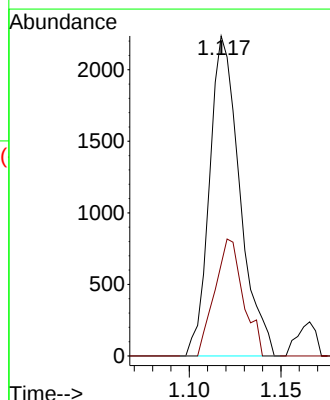
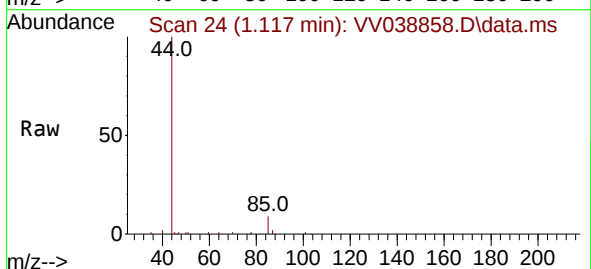
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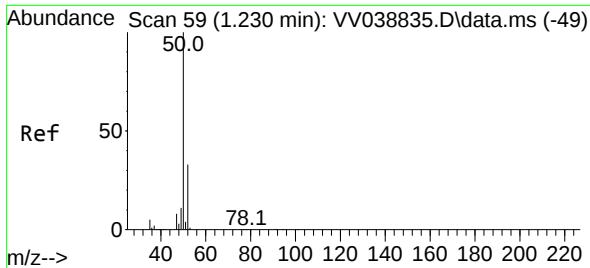
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#2
Dichlorodifluoromethane
Concen: 0.603 ug/l
RT: 1.117 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

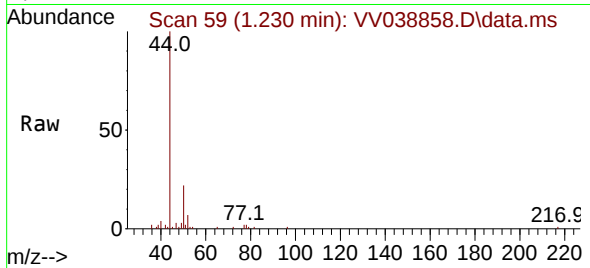
Tgt Ion: 85 Resp: 2565
Ion Ratio Lower Upper
85 100
87 28.7 16.1 48.3





#3
Chloromethane
Concen: 0.757 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

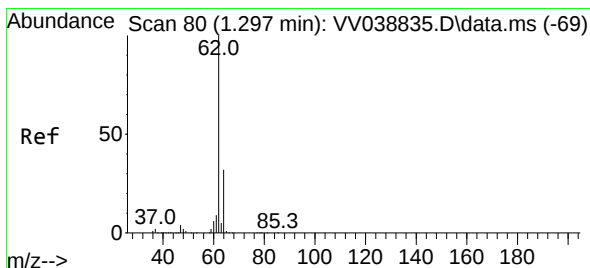
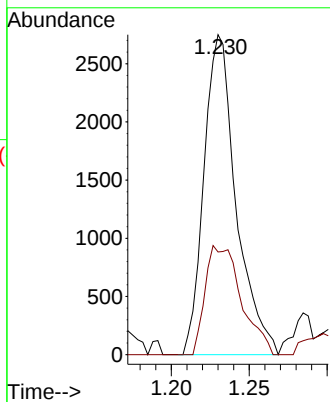
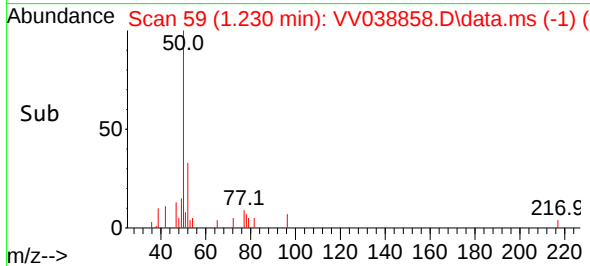
Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 50 Resp: 3954
Ion Ratio Lower Upper
50 100
52 32.1 26.7 40.1

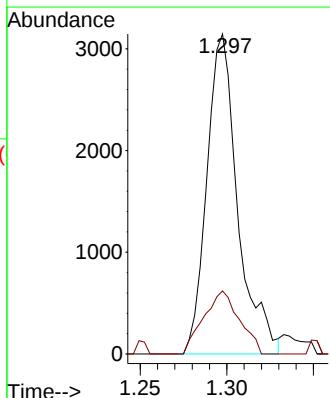
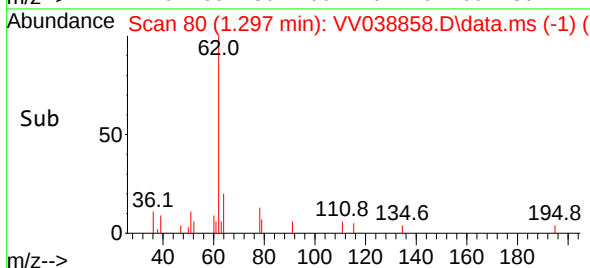
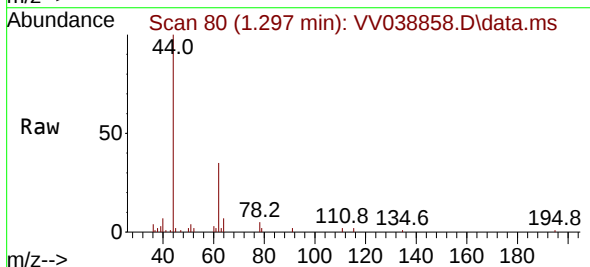
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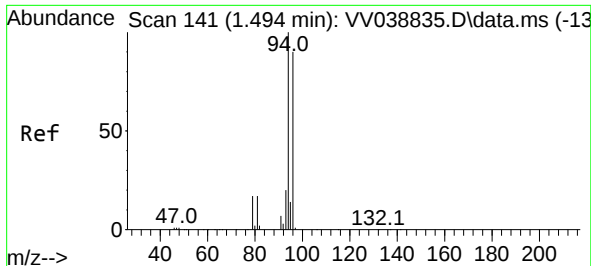
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#4
Vinyl Chloride
Concen: 0.804 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 62 Resp: 3902
Ion Ratio Lower Upper
62 100
64 19.7 25.5 38.3#





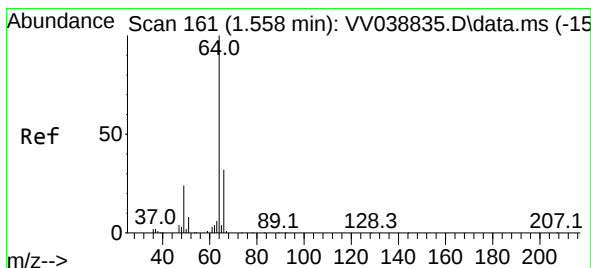
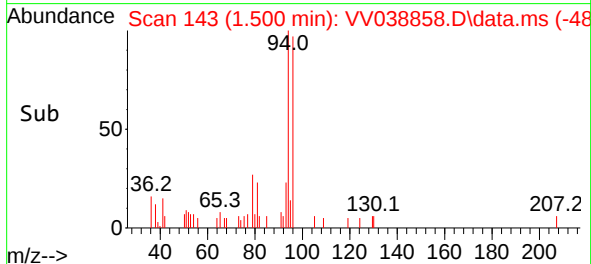
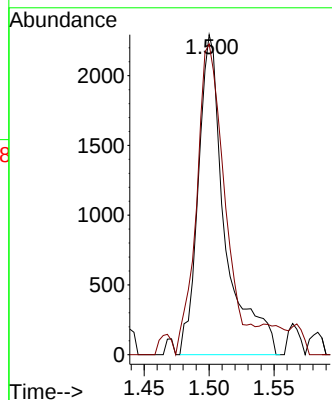
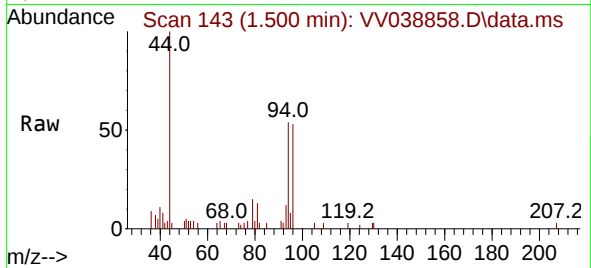
#5
Bromomethane
Concen: 1.114 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 94 Resp: 330
Ion Ratio Lower Upper
94 100
96 89.9 72.2 108.4

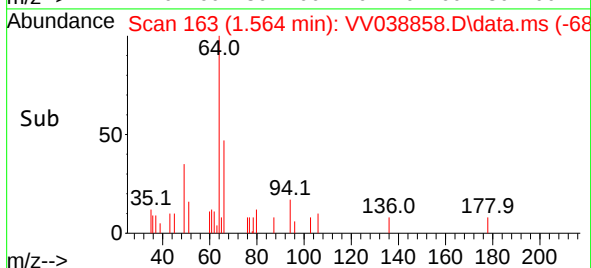
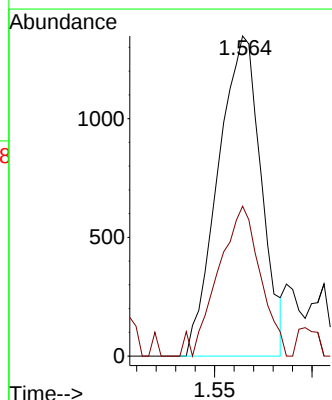
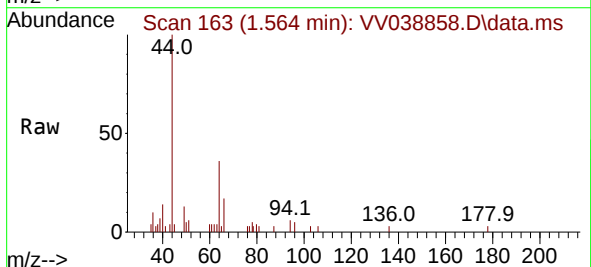
Manual Integrations
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Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#6
Chloroethane
Concen: 0.637 ug/l
RT: 1.564 min Scan# 163
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

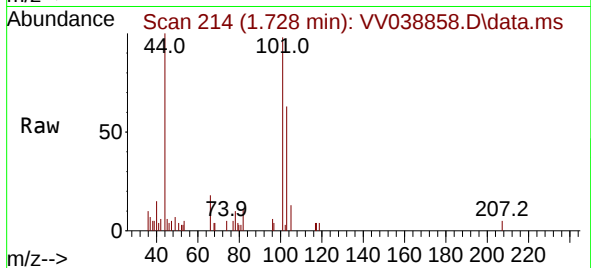
Tgt Ion: 64 Resp: 2073
Ion Ratio Lower Upper
64 100
66 46.8 25.4 38.0#





#7
Trichlorofluoromethane
Concen: 0.625 ug/l
RT: 1.728 min Scan# 213
Delta R.T. 0.003 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

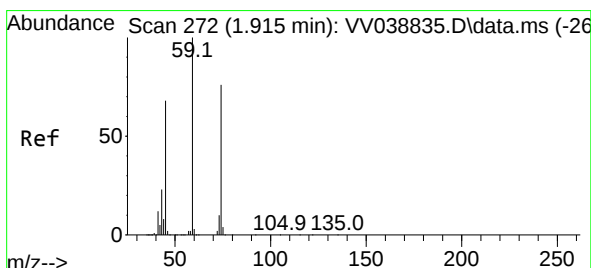
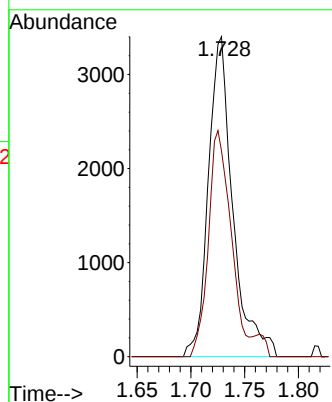
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 101 Resp: 536
Ion Ratio Lower Upper
101 100
103 64.3 52.8 79.2

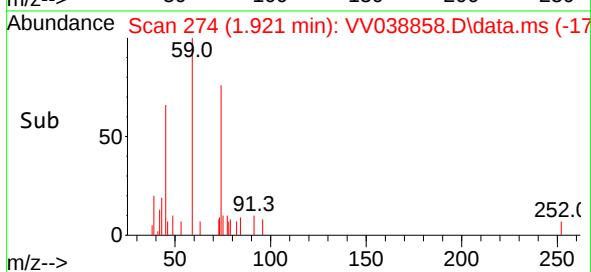
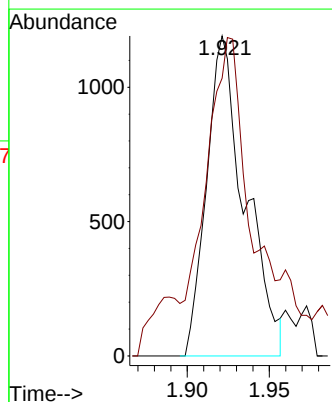
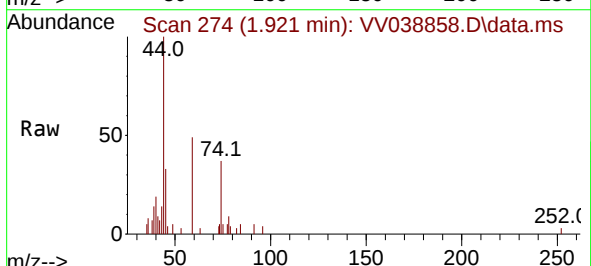
Manual Integrations
APPROVED

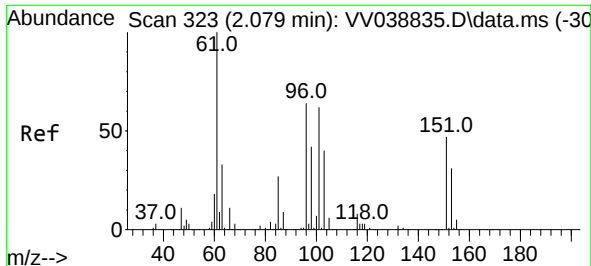
Reviewed By : Mahesh Dadoda 07/07/2025
Supervised By : Semsettin Yesilyurt 07/07/2025



#8
Diethyl Ether
Concen: 0.647 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 74 Resp: 1935
Ion Ratio Lower Upper
74 100
45 106.0 43.9 131.7





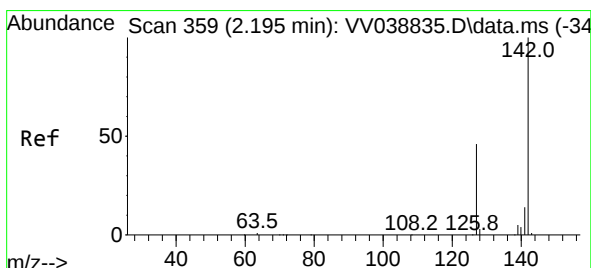
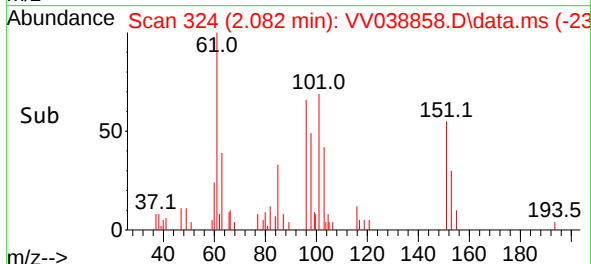
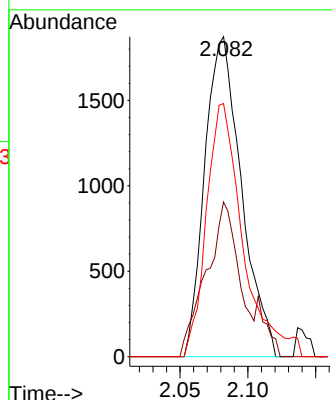
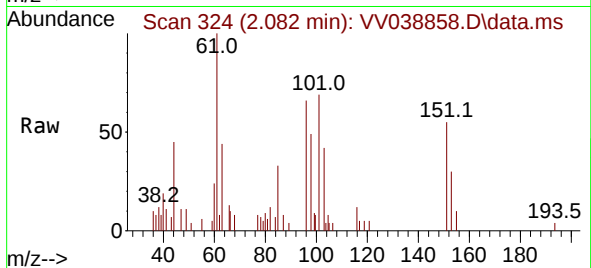
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.725 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:101 Resp: 3519
Ion Ratio Lower Upper
101 100
85 43.4 34.6 52.0
151 78.7 60.4 90.6

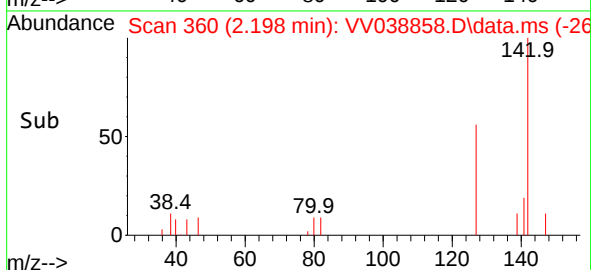
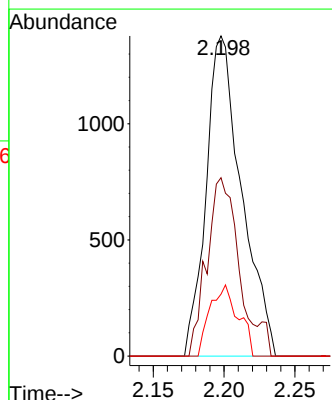
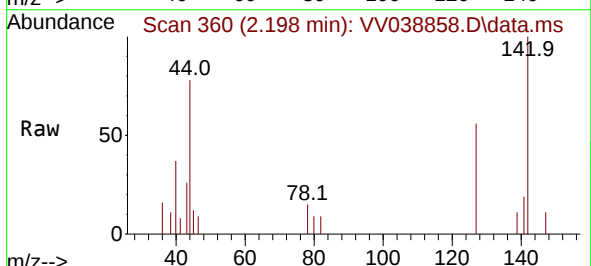
Manual Integrations
APPROVED

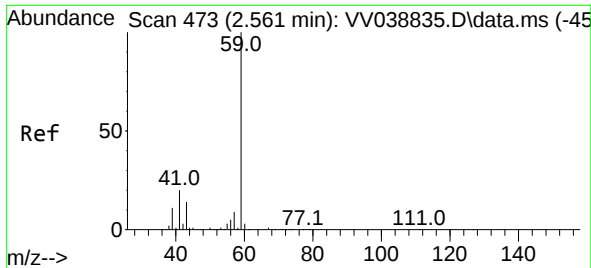
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#10
Methyl Iodide
Concen: 0.389 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion:142 Resp: 2400
Ion Ratio Lower Upper
142 100
127 51.2 36.9 55.3
141 17.7 11.8 17.8





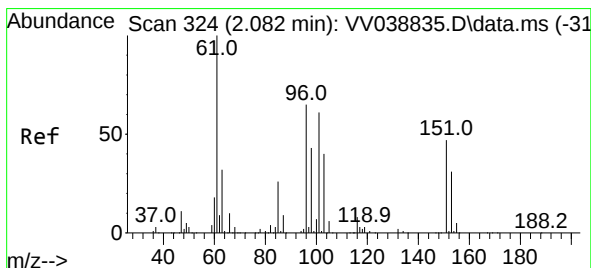
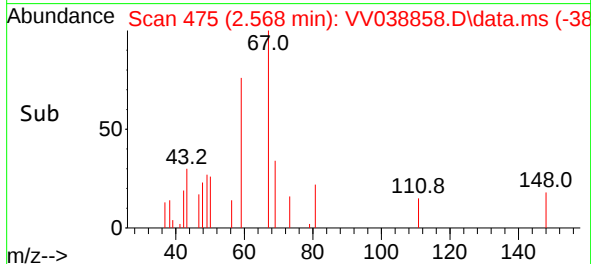
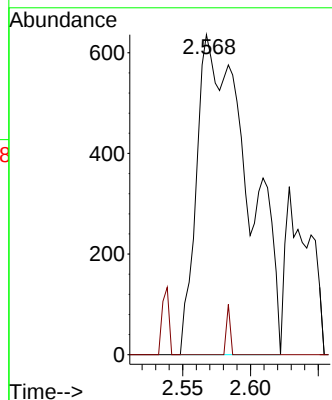
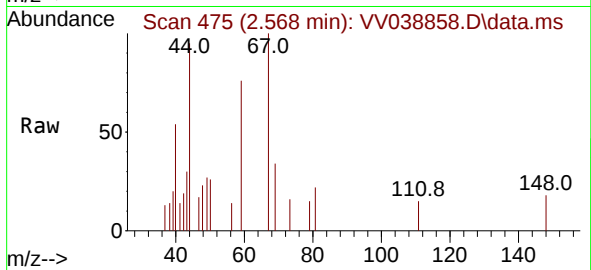
#11
Tert butyl alcohol
Concen: 2.536 ug/l m
RT: 2.568 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0

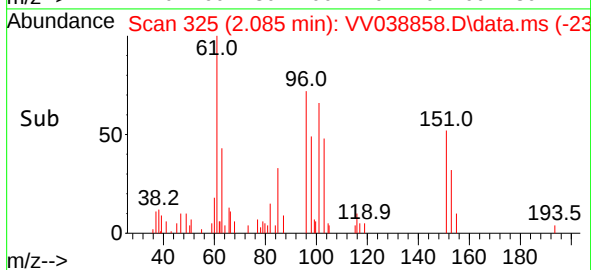
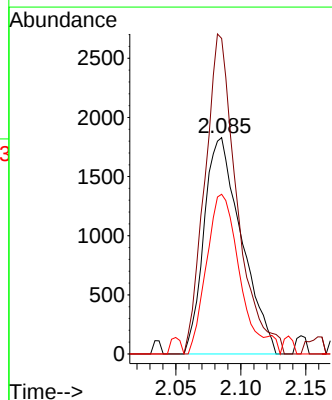
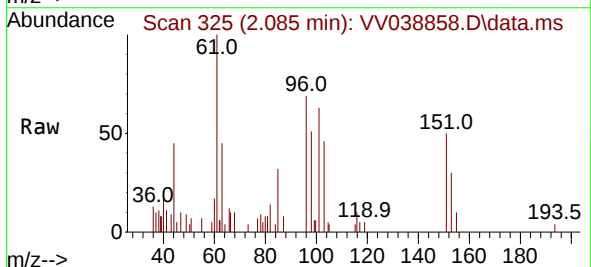
Manual Integrations
APPROVED

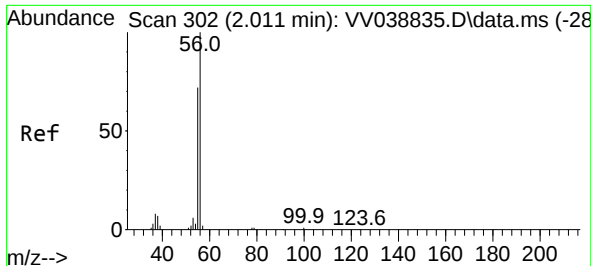
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#12
1,1-Dichloroethene
Concen: 0.794 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

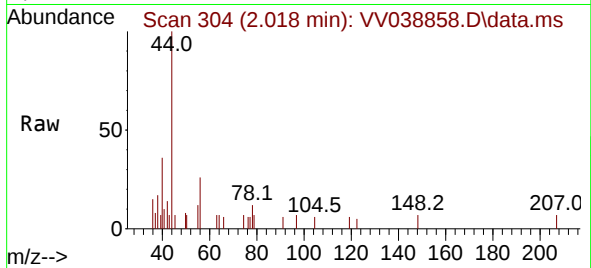
Tgt Ion: 96 Resp: 3666
Ion Ratio Lower Upper
96 100
61 145.9 123.5 185.3
98 73.9 52.5 78.7





#13
Acrolein
Concen: 3.842 ug/l
RT: 2.018 min Scan# 304
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

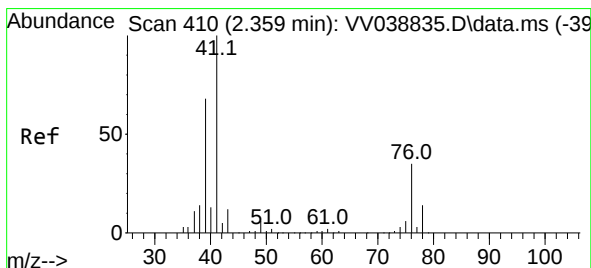
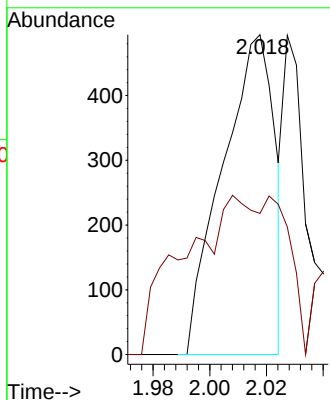
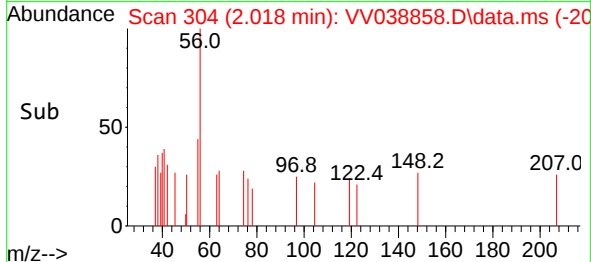
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 56 Resp: 629
Ion Ratio Lower Upper
56 100
55 71.9 53.4 80.2

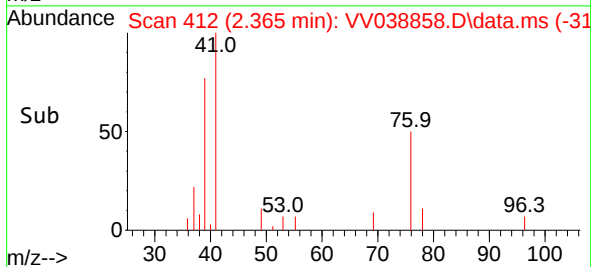
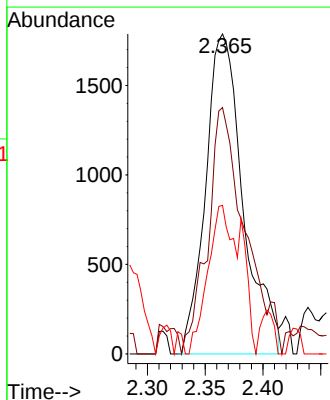
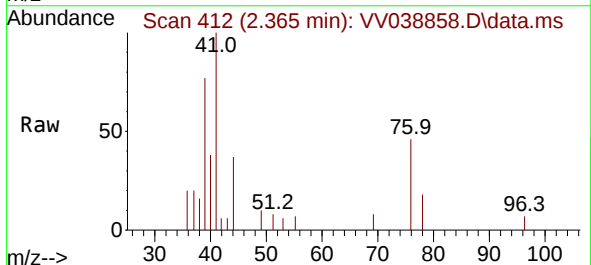
Manual Integrations
APPROVED

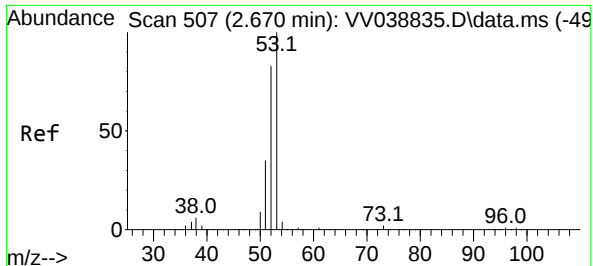
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#14
Allyl chloride
Concen: 0.651 ug/l
RT: 2.365 min Scan# 412
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 41 Resp: 4043
Ion Ratio Lower Upper
41 100
39 76.6 51.0 76.4#
76 32.0 33.6 50.4#





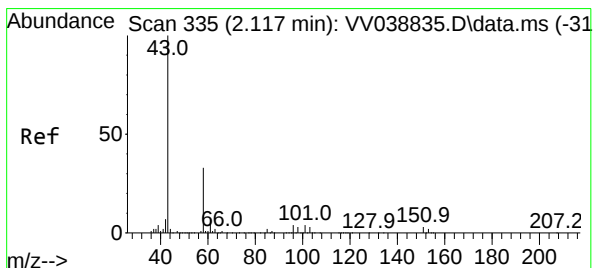
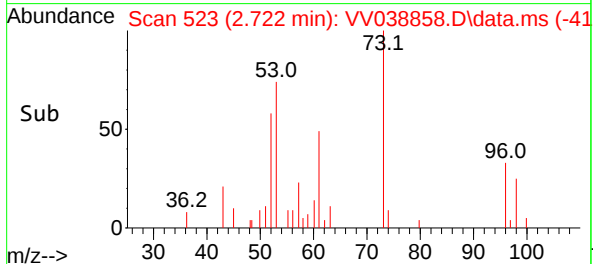
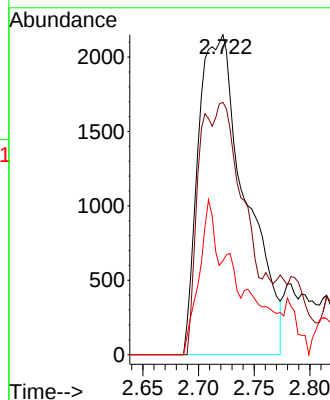
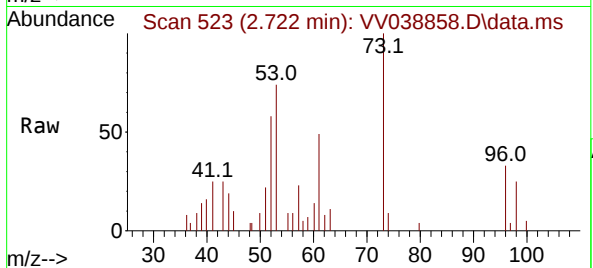
#15
Acrylonitrile
Concen: 2.759 ug/l
RT: 2.722 min Scan# 51
Delta R.T. 0.051 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 53 Resp: 6328
Ion Ratio Lower Upper
53 100
52 25.8 65.8 98.6
51 18.1 28.5 42.7

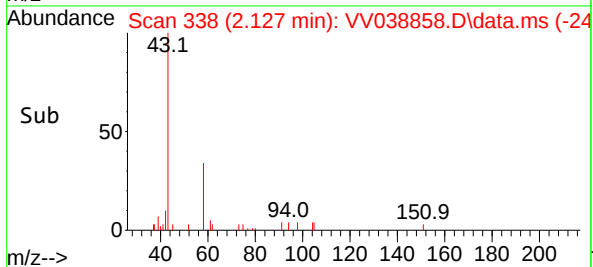
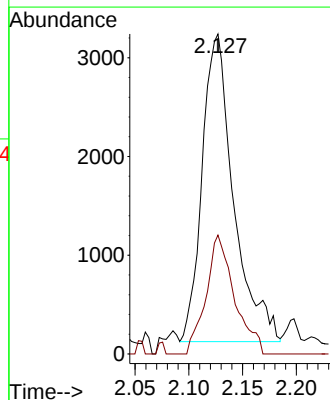
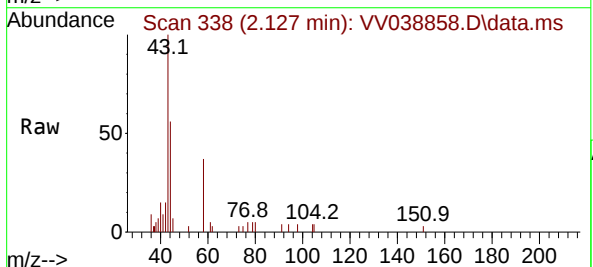
Manual Integrations
APPROVED

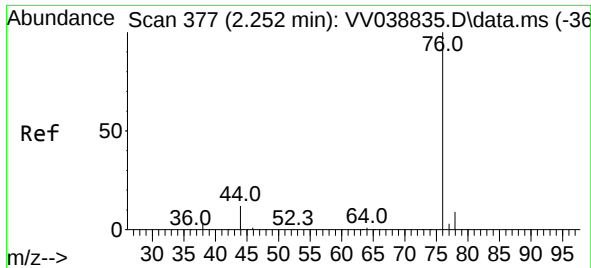
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#16
Acetone
Concen: 3.783 ug/l
RT: 2.127 min Scan# 338
Delta R.T. 0.010 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

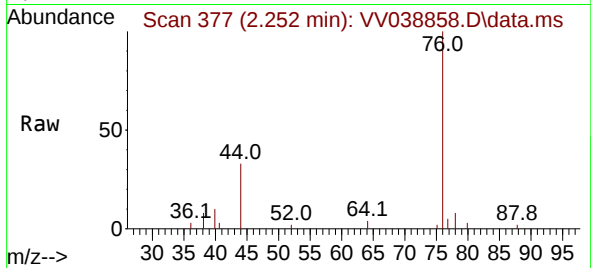
Tgt Ion: 43 Resp: 6333
Ion Ratio Lower Upper
43 100
58 38.7 27.0 40.4





#17
Carbon Disulfide
Concen: 0.815 ug/l
RT: 2.252 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

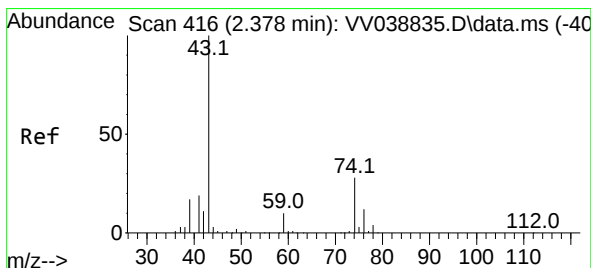
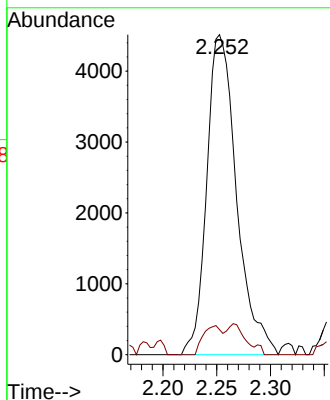
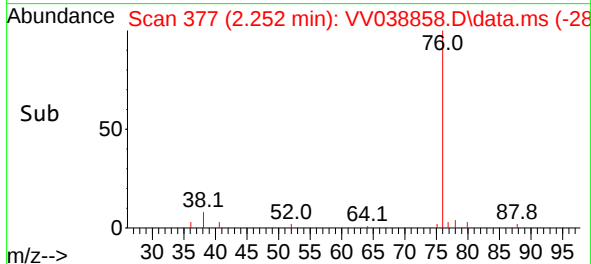
Instrument :
MSVOA_V
ClientSampleId :
MDL01



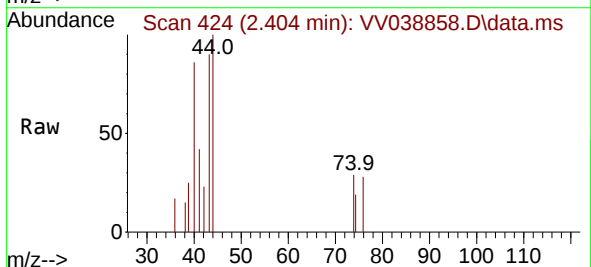
Tgt Ion: 76 Resp: 871
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3

Manual Integrations
APPROVED

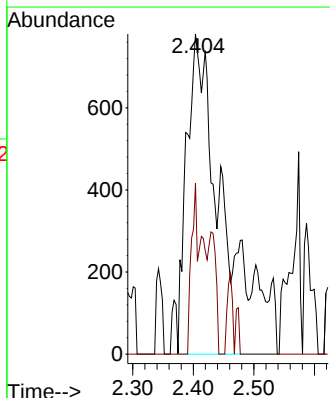
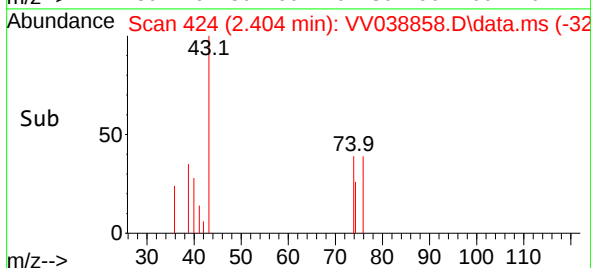
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025

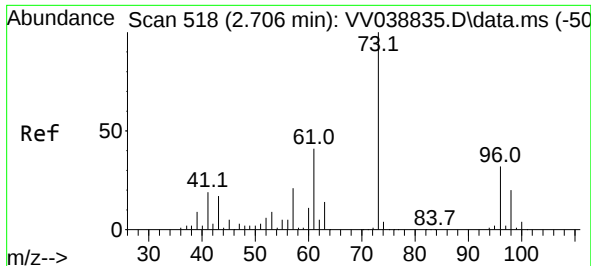


#18
Methyl Acetate
Concen: 0.581 ug/l m
RT: 2.404 min Scan# 424
Delta R.T. 0.026 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52



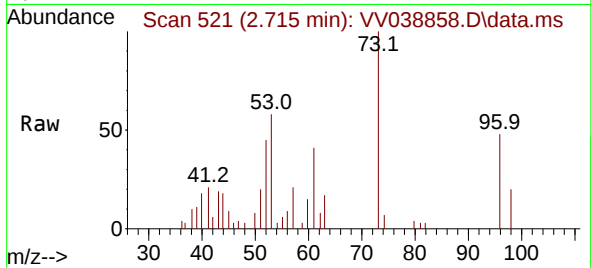
Tgt Ion: 43 Resp: 3315
Ion Ratio Lower Upper
43 100
74 9.8 21.4 32.0#





#19
Methyl tert-butyl Ether
Concen: 0.552 ug/l
RT: 2.715 min Scan# 518
Delta R.T. 0.010 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

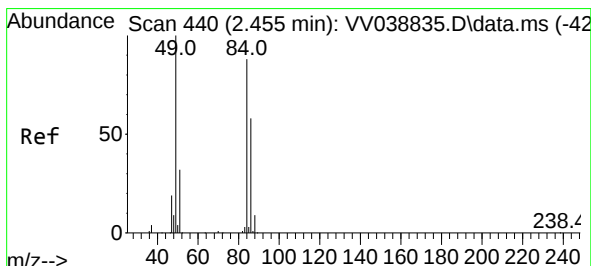
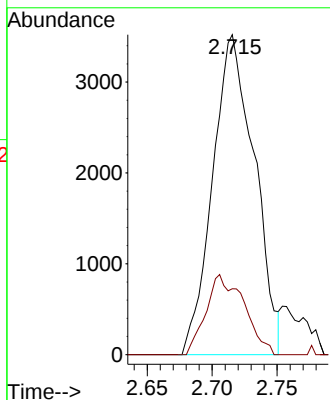
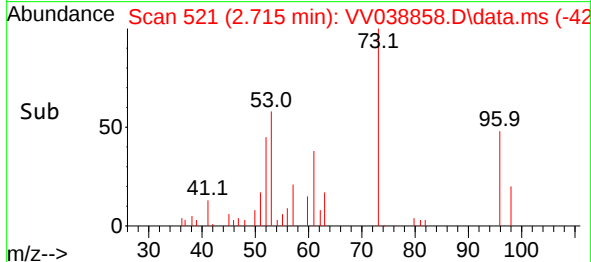
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 73 Resp: 7872
Ion Ratio Lower Upper
73 100
57 20.6 17.0 25.4

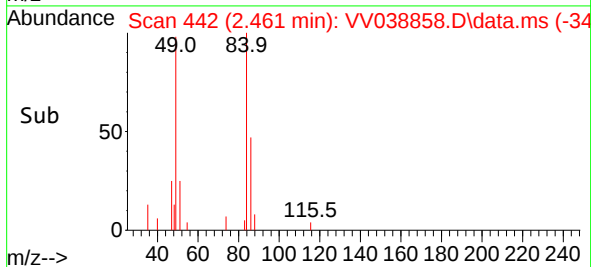
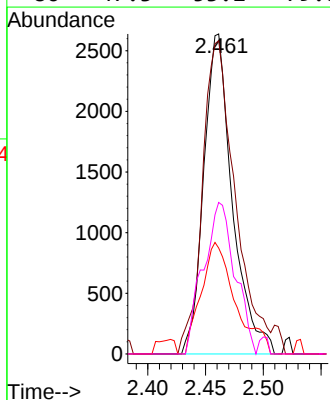
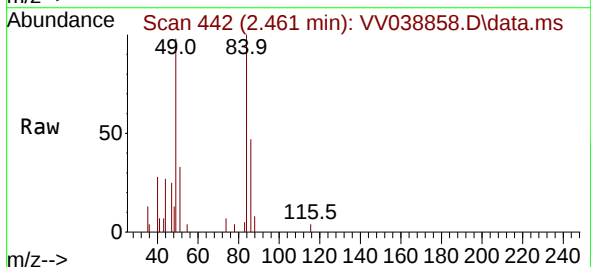
Manual Integrations
APPROVED

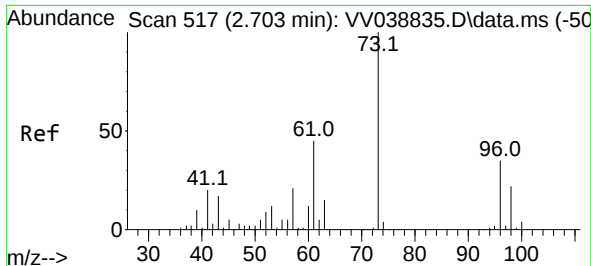
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#20
Methylene Chloride
Concen: 0.824 ug/l
RT: 2.461 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

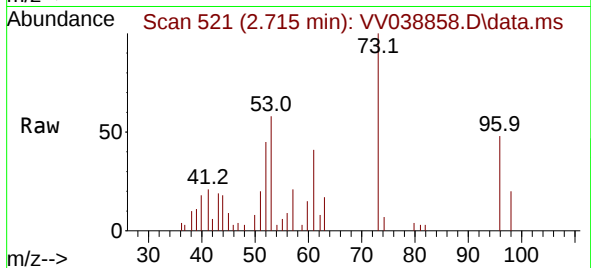
Tgt Ion: 84 Resp: 4557
Ion Ratio Lower Upper
84 100
49 97.8 91.0 136.4
51 33.1 29.4 44.2
86 47.3 53.2 79.8#





#21
trans-1,2-Dichloroethene
Concen: 0.665 ug/l
RT: 2.715 min Scan# 517
Delta R.T. 0.013 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

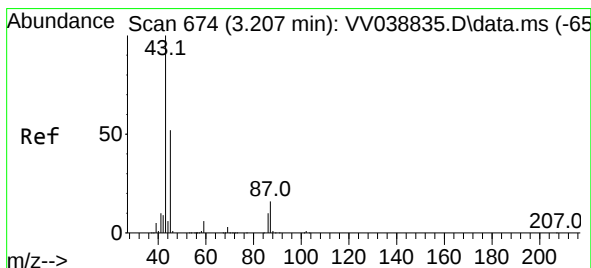
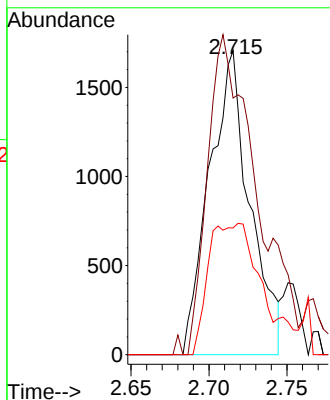
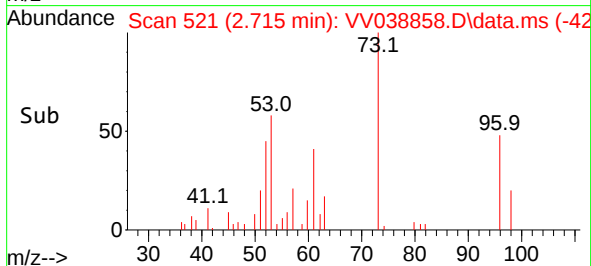
Instrument : MSVOA_V
ClientSampleId : MDL01



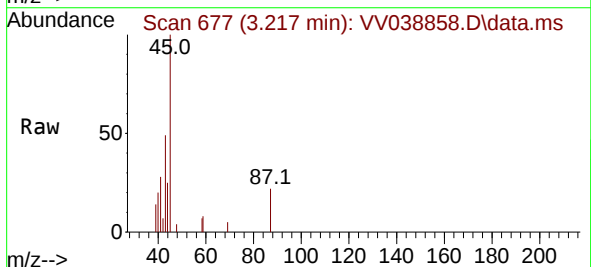
Tgt Ion: 96 Resp: 3072
Ion Ratio Lower Upper
96 100
61 78.0 102.8 154.2#
98 41.7 50.9 76.3#

Manual Integrations
APPROVED

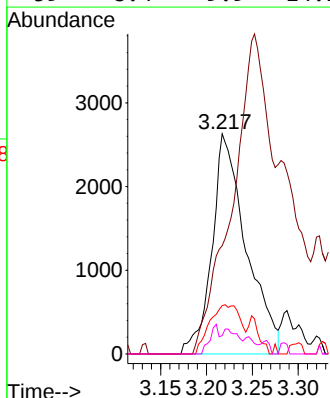
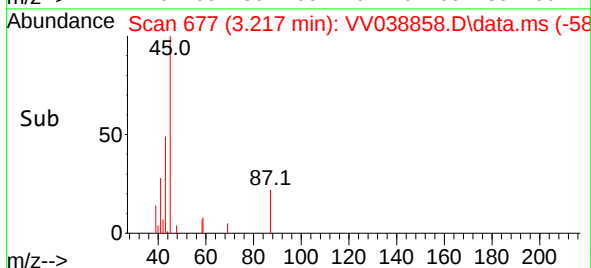
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025

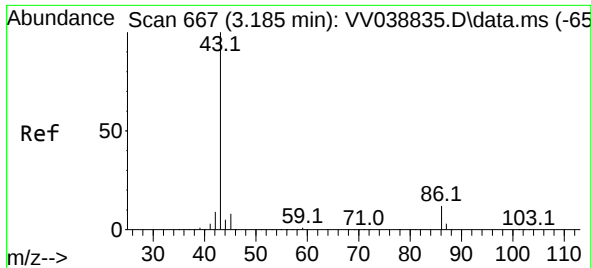


#22
Diisopropyl ether
Concen: 0.534 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.010 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52



Tgt Ion: 45 Resp: 6796
Ion Ratio Lower Upper
45 100
43 49.1 153.1 229.7#
87 22.0 25.2 37.8#
59 8.4 9.9 14.9#





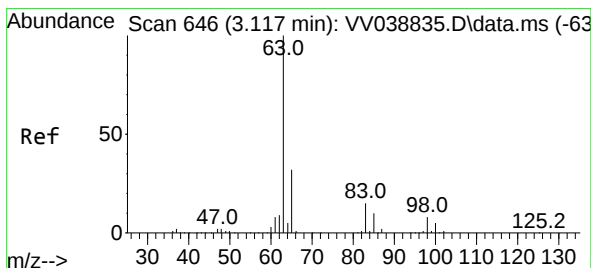
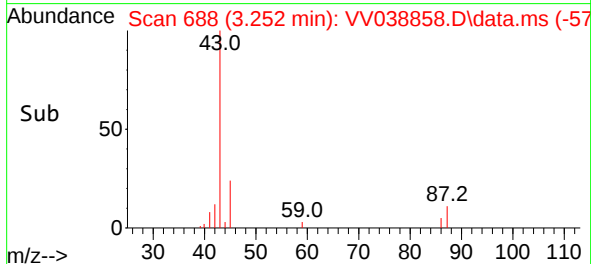
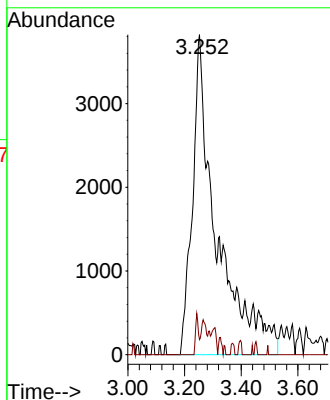
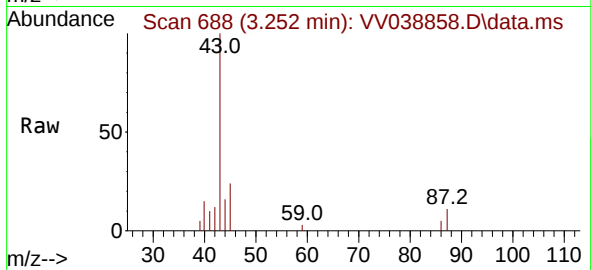
#23
 Vinyl Acetate
 Concen: 2.460 ug/l m
 RT: 3.252 min Scan# 61
 Delta R.T. 0.067 min
 Lab File: VV038858.D
 Acq: 03 Jul 2025 13:52

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Tgt Ion: 43 Resp: 2257
 Ion Ratio Lower Upper
 43 100
 86 4.7 9.9 14.9

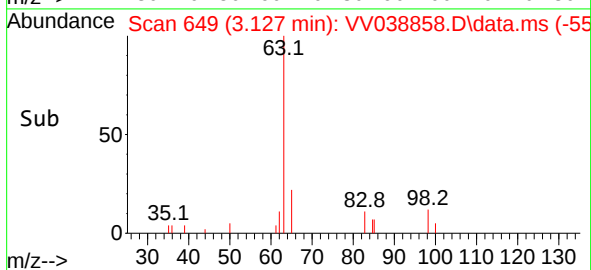
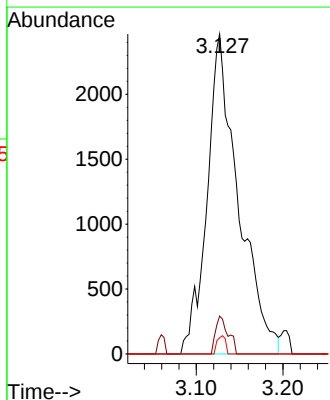
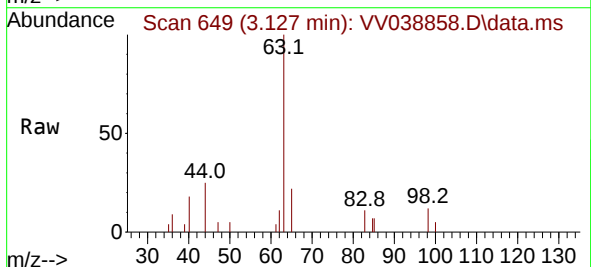
Manual Integrations
 APPROVED

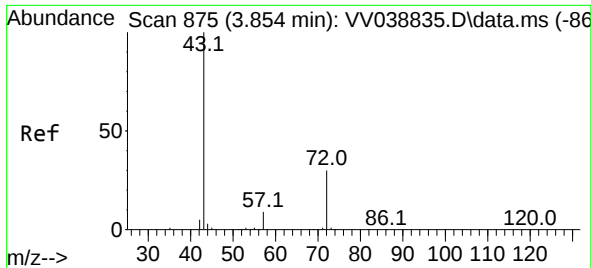
Reviewed By :Mahesh Dadoda 07/07/2025
 Supervised By :Semsettin Yesilyurt 07/07/2025



#24
 1,1-Dichloroethane
 Concen: 0.721 ug/l
 RT: 3.127 min Scan# 649
 Delta R.T. 0.010 min
 Lab File: VV038858.D
 Acq: 03 Jul 2025 13:52

Tgt Ion: 63 Resp: 6185
 Ion Ratio Lower Upper
 63 100
 98 11.8 4.1 12.3
 100 5.0 2.4 7.2





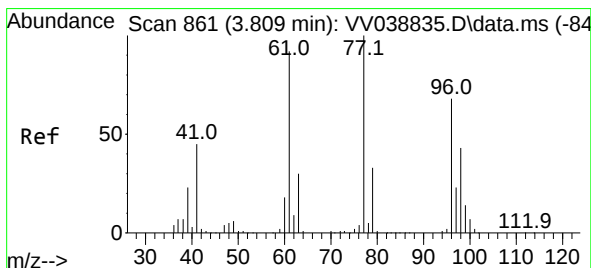
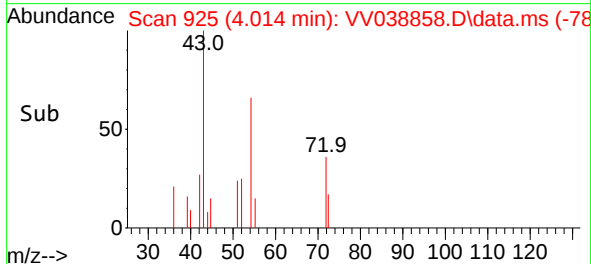
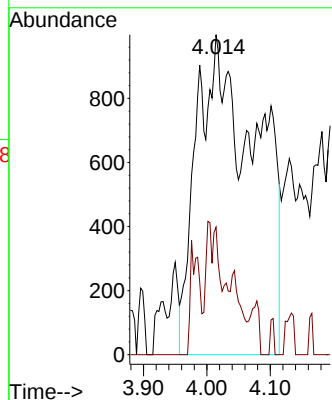
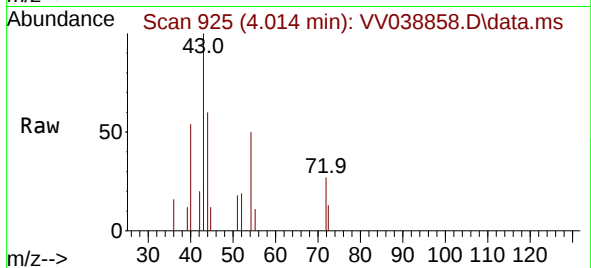
#25
2-Butanone
Concen: 2.609 ug/l m
RT: 4.014 min Scan# 91
Delta R.T. 0.161 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 43 Resp: 645
Ion Ratio Lower Upper
43 100
72 27.1 23.8 35.8

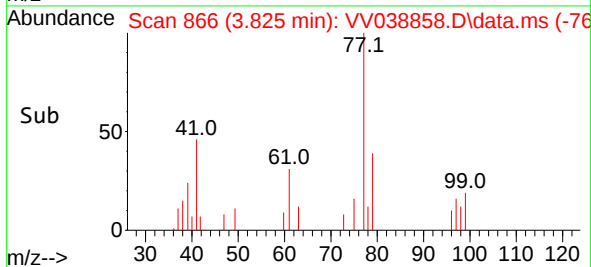
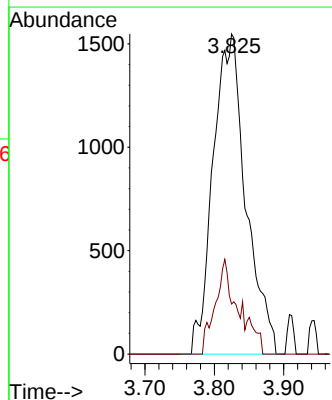
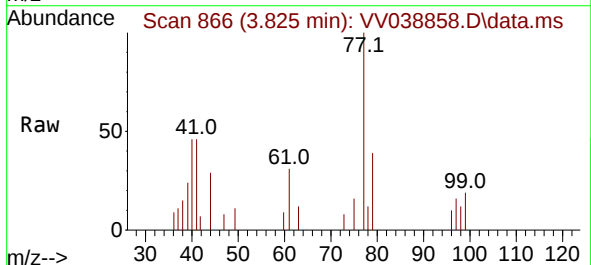
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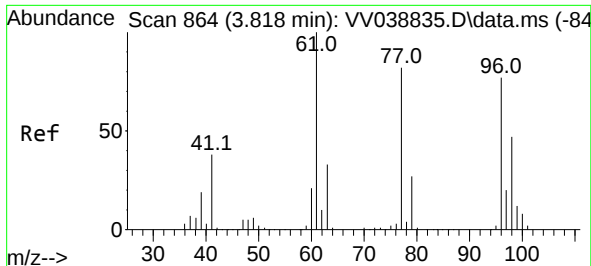
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#26
2,2-Dichloropropane
Concen: 0.639 ug/l m
RT: 3.825 min Scan# 866
Delta R.T. 0.016 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 77 Resp: 5083
Ion Ratio Lower Upper
77 100
97 18.2 11.5 34.4





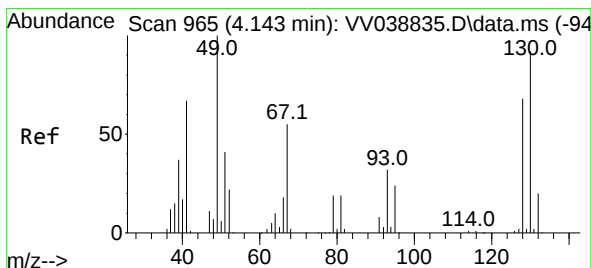
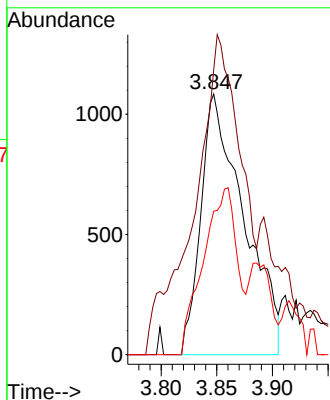
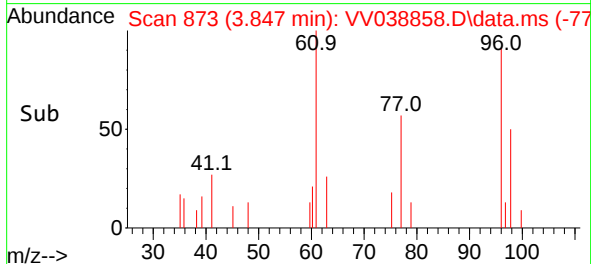
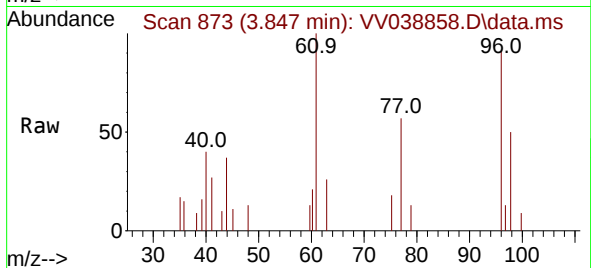
#27
 cis-1,2-Dichloroethene
 Concen: 0.541 ug/l
 RT: 3.847 min Scan# 81
 Delta R.T. 0.029 min
 Lab File: VV038858.D
 Acq: 03 Jul 2025 13:52

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Tgt Ion: 96 Resp: 2909
 Ion Ratio Lower Upper
 96 100
 61 136.1 0.0 268.4
 98 50.9 0.0 128.0

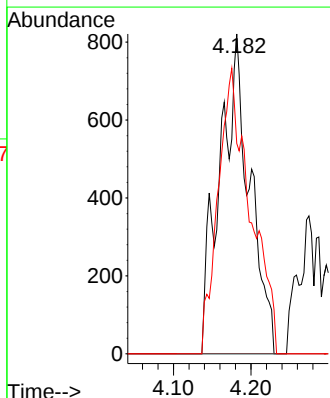
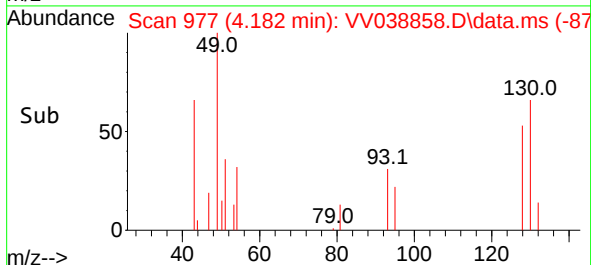
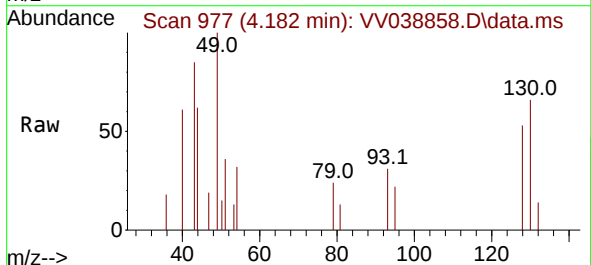
Manual Integrations
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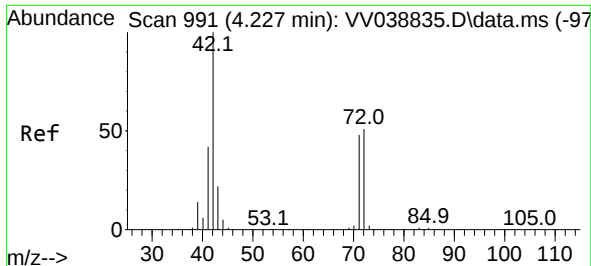
Reviewed By :Mahesh Dadoda 07/07/2025
 Supervised By :Semsettin Yesilyurt 07/07/2025



#28
 Bromochloromethane
 Concen: 0.603 ug/l m
 RT: 4.182 min Scan# 977
 Delta R.T. 0.039 min
 Lab File: VV038858.D
 Acq: 03 Jul 2025 13:52

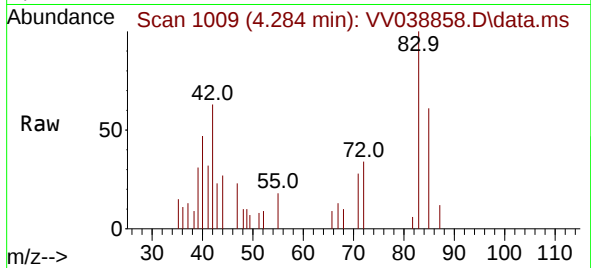
Tgt Ion: 49 Resp: 2212
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 2.2
 130 0.0 72.5 108.7#





#29
Tetrahydrofuran
Concen: 3.448 ug/l m
RT: 4.284 min Scan# 1009
Delta R.T. 0.058 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

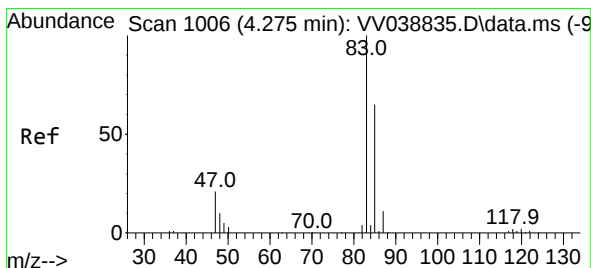
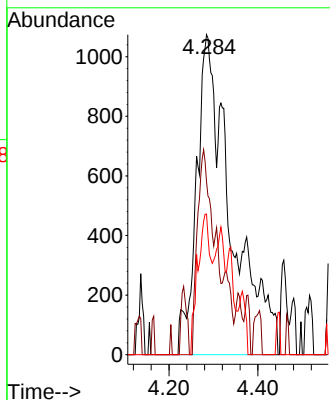
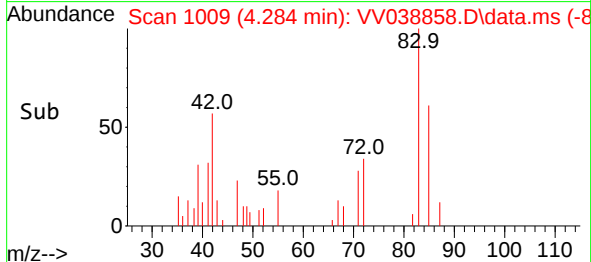
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 42 Resp: 578
Ion Ratio Lower Upper
42 100
72 3.4 41.3 61.9
71 0.0 39.2 58.8

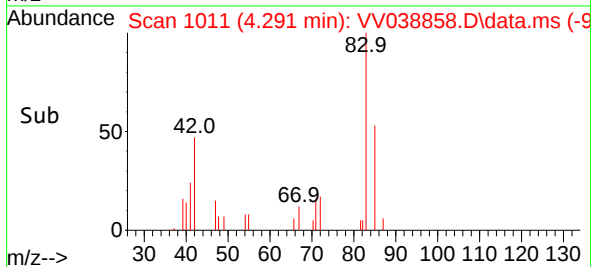
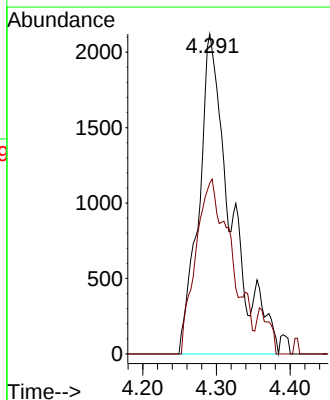
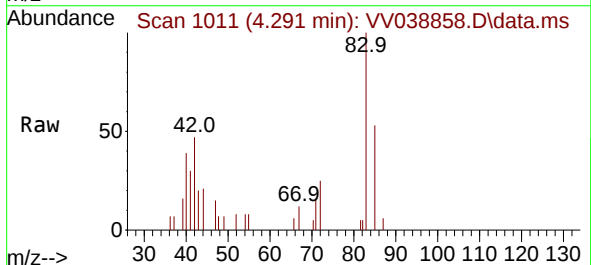
Manual Integrations
APPROVED

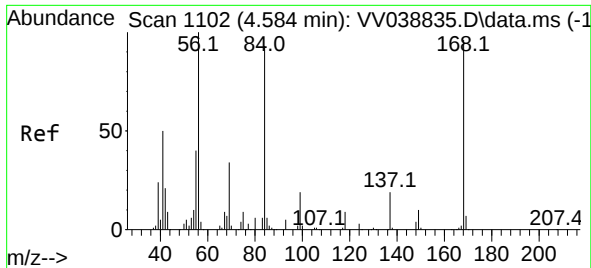
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#30
Chloroform
Concen: 0.682 ug/l m
RT: 4.291 min Scan# 1011
Delta R.T. 0.016 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

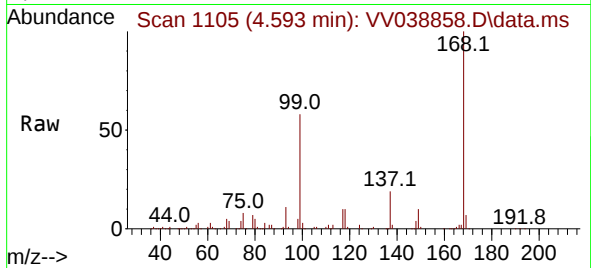
Tgt Ion: 83 Resp: 6374
Ion Ratio Lower Upper
83 100
85 53.3 51.8 77.6





#31
Cyclohexane
Concen: 1.904 ug/l
RT: 4.593 min Scan# 1105
Delta R.T. 0.010 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

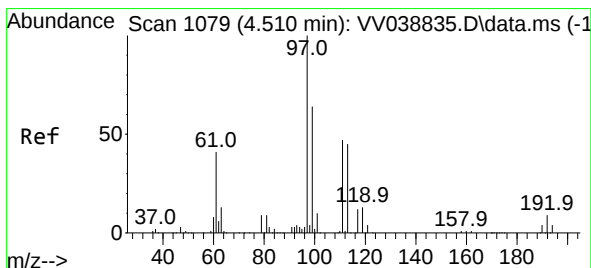
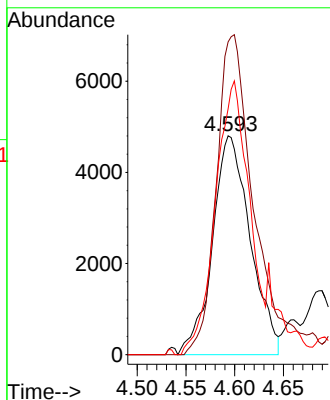
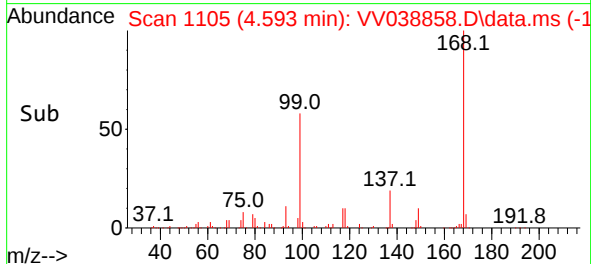
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 56 Resp: 1293
Ion Ratio Lower Upper
56 100
69 142.9 27.0 40.4
84 112.4 74.4 111.6

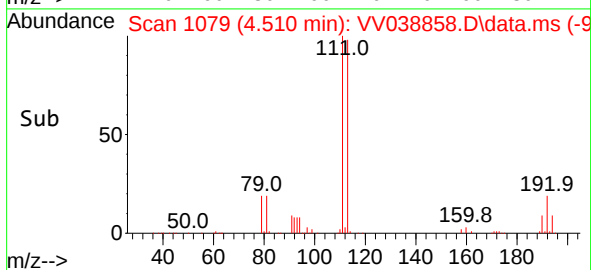
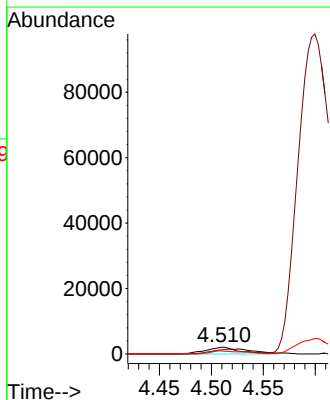
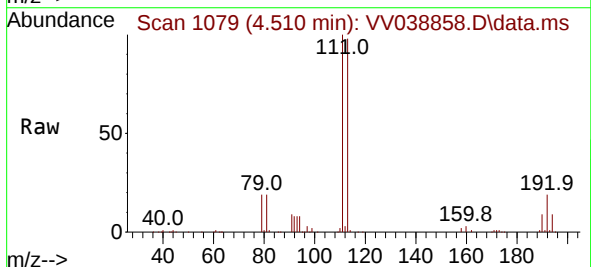
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#32
1,1,1-Trichloroethane
Concen: 0.649 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 97 Resp: 5627
Ion Ratio Lower Upper
97 100
99 0.0 48.8 73.2
61 37.2 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 54.898 ug/l

RT: 4.940 min Scan# 1212

Delta R.T. 0.003 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 65 Resp: 275770

Ion Ratio Lower Upper

65 100

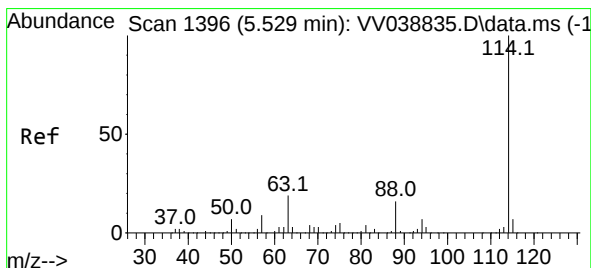
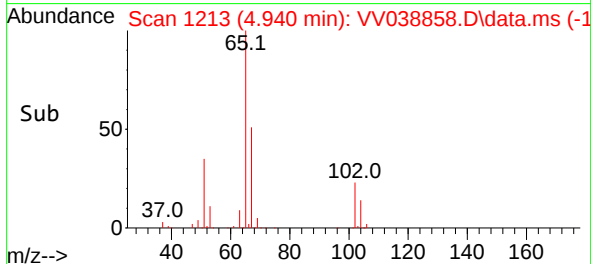
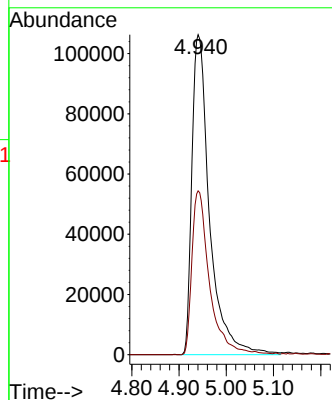
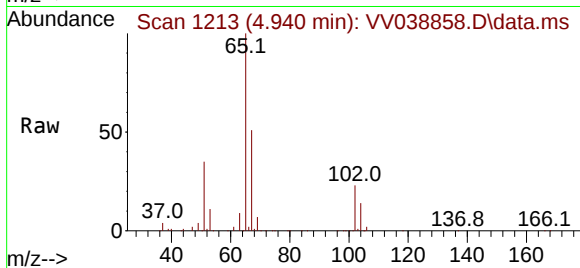
67 50.5 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025

Supervised By :Semsettin Yesilyurt 07/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

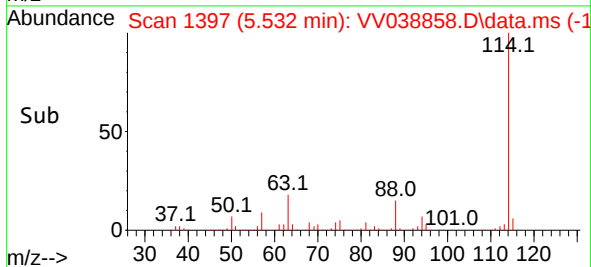
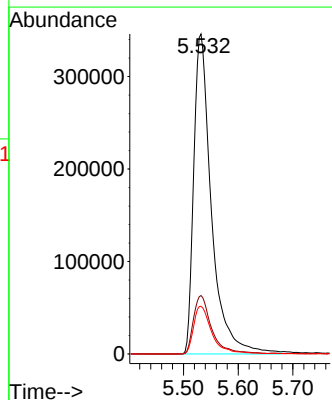
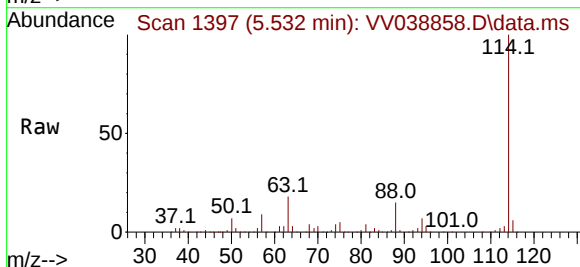
Tgt Ion:114 Resp: 777387

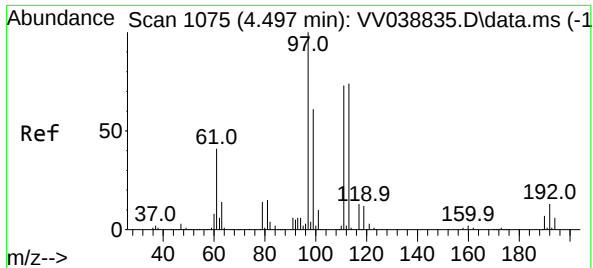
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

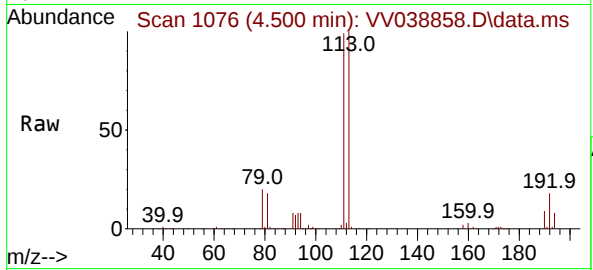
88 14.9 0.0 31.2





#35
Dibromofluoromethane
Concen: 49.564 ug/l
RT: 4.500 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

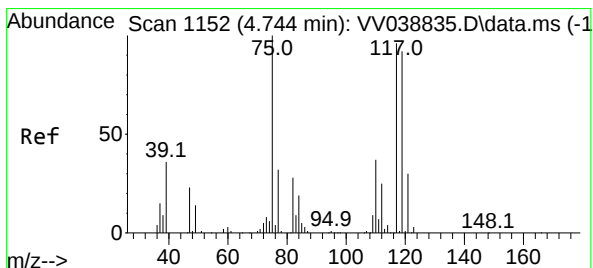
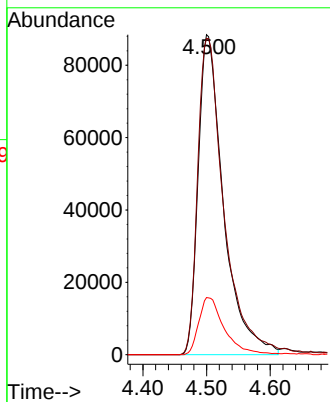
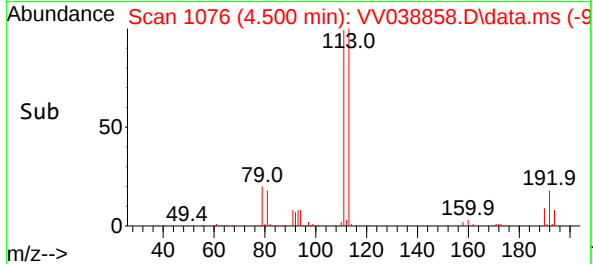
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 113 Resp: 24406
Ion Ratio Lower Upper
113 100
111 103.0 81.5 122.3
192 18.1 14.7 22.1

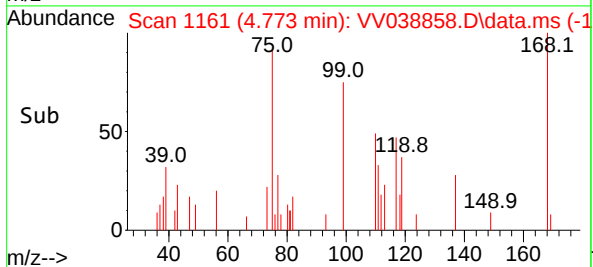
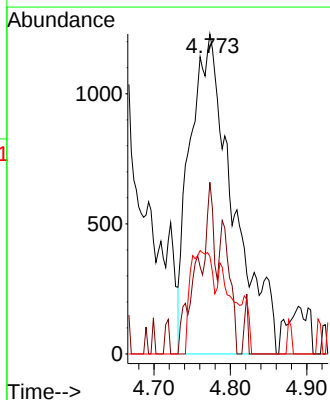
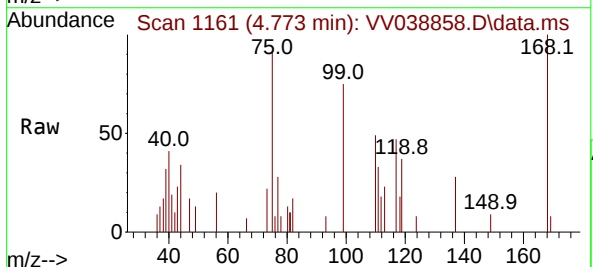
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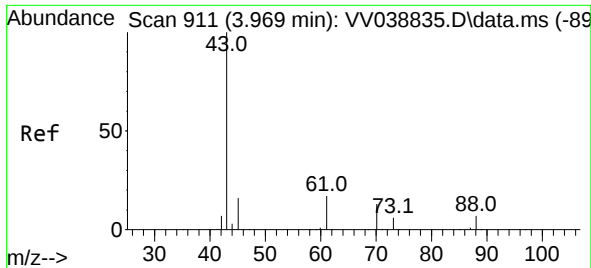
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#36
1,1-Dichloropropene
Concen: 0.807 ug/l m
RT: 4.773 min Scan# 1161
Delta R.T. 0.029 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

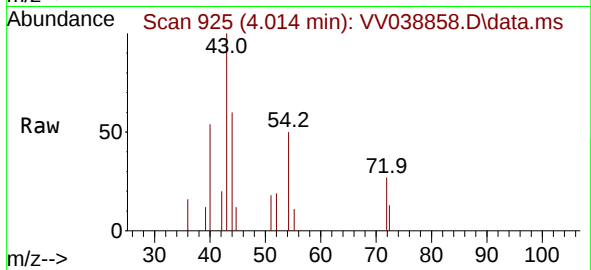
Tgt Ion: 75 Resp: 4821
Ion Ratio Lower Upper
75 100
110 11.0 19.3 57.9#
77 0.0 25.1 37.7#





#37
Ethyl Acetate
Concen: 0.633 ug/l m
RT: 4.014 min Scan# 911
Delta R.T. 0.045 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

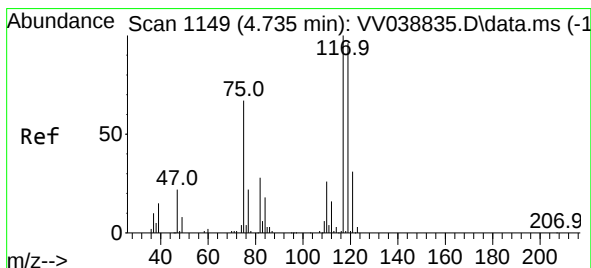
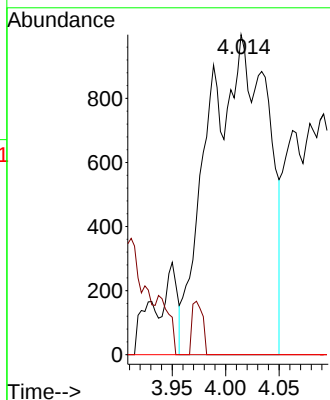
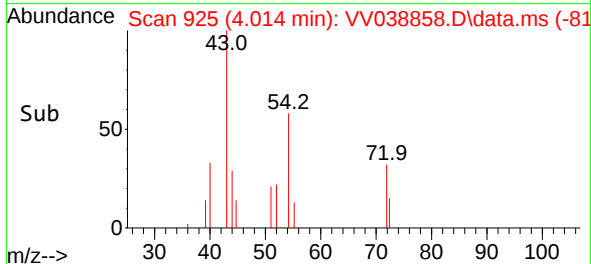
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4
70 0.0 9.6 14.4

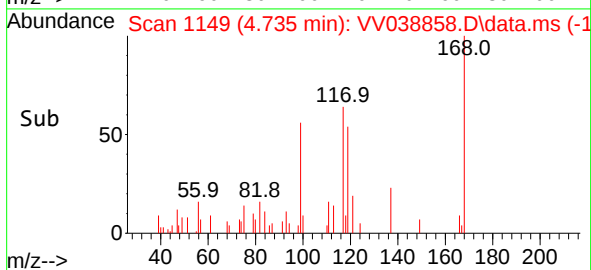
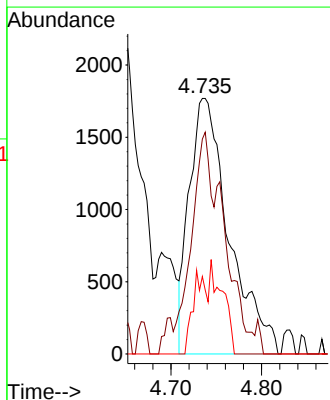
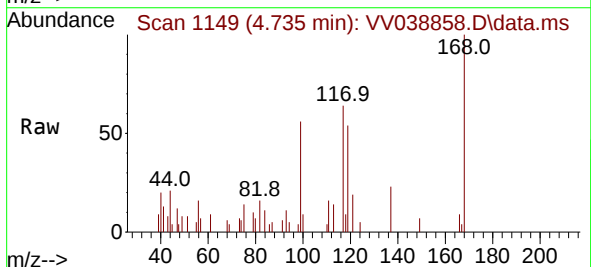
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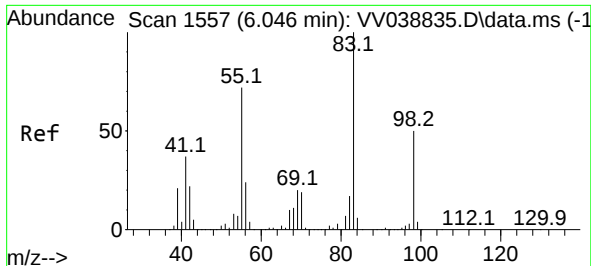
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#38
Carbon Tetrachloride
Concen: 0.690 ug/l m
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion:117 Resp: 5430
Ion Ratio Lower Upper
117 100
119 84.1 76.5 114.7
121 30.3 25.0 37.6





#39

Methylcyclohexane

Concen: 0.619 ug/l m

RT: 6.040 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 83 Resp: 483

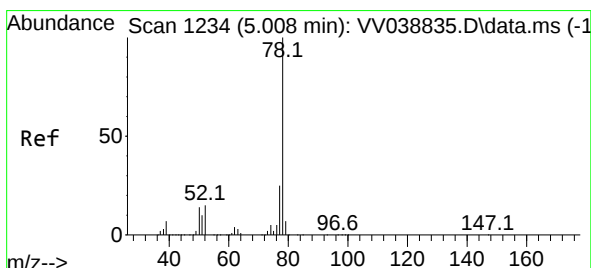
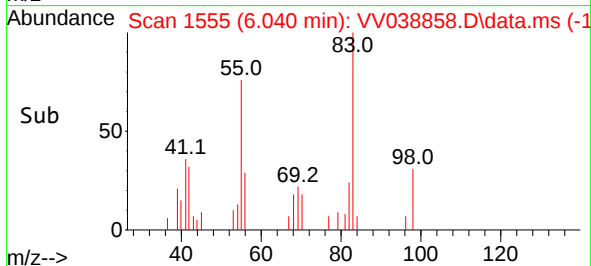
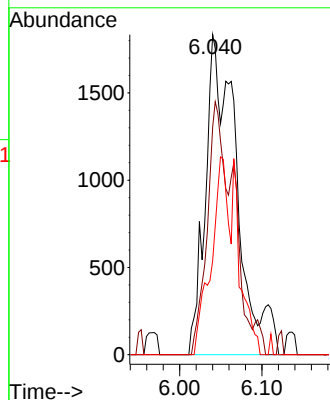
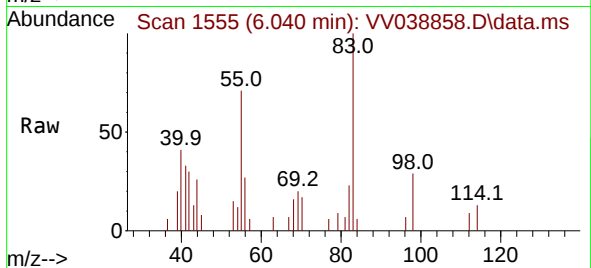
Ion	Ratio	Lower	Upper
83	100		
55	71.2	57.7	86.5
98	29.4	40.2	60.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025

Supervised By :Semsettin Yesilyurt 07/07/2025



#40

Benzene

Concen: 0.627 ug/l m

RT: 5.024 min Scan# 1239

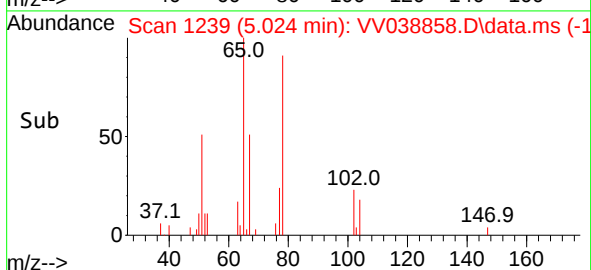
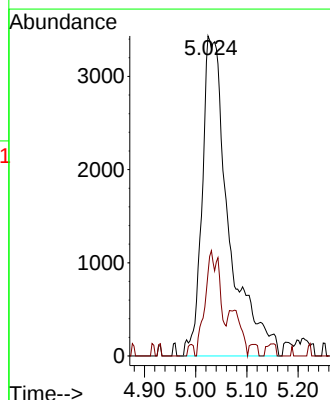
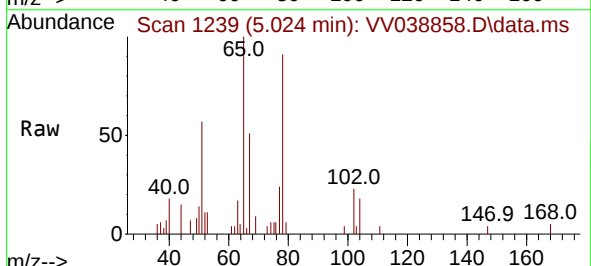
Delta R.T. 0.016 min

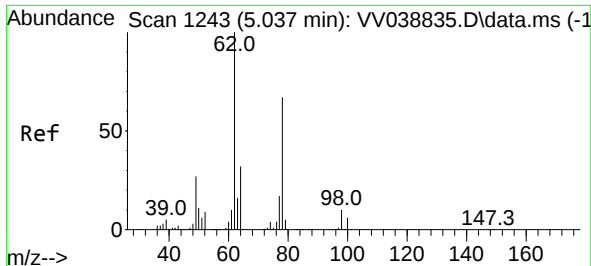
Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Tgt Ion: 78 Resp: 12378

Ion	Ratio	Lower	Upper
78	100		
77	26.0	19.6	29.4





#42

1,2-Dichloroethane

Concen: 0.747 ug/l

RT: 5.059 min Scan# 11

Delta R.T. 0.022 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

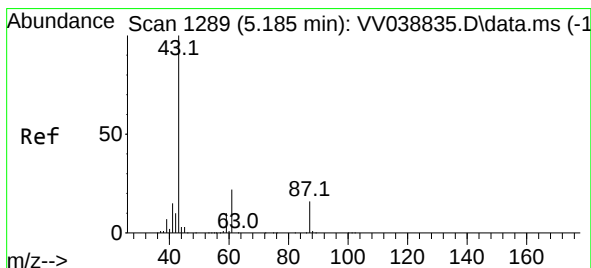
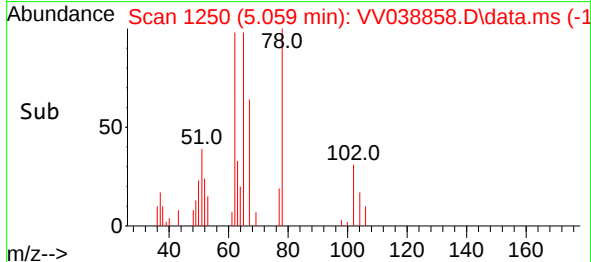
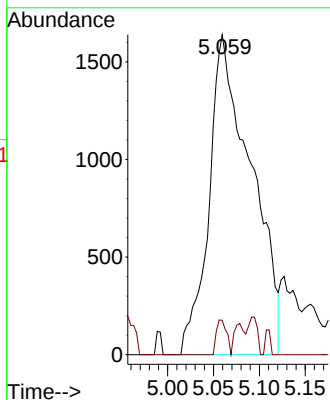
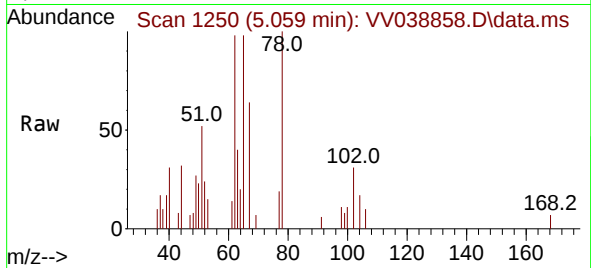
MDL01

Tgt Ion: 62 Resp: 521
 Ion Ratio Lower Upper
 62 100
 98 2.6 0.0 19.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025
 Supervised By :Semsettin Yesilyurt 07/07/2025



#43

Isopropyl Acetate

Concen: 0.613 ug/l m

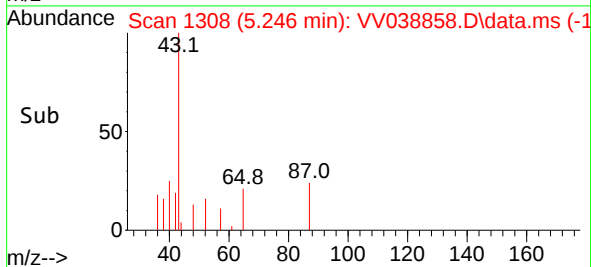
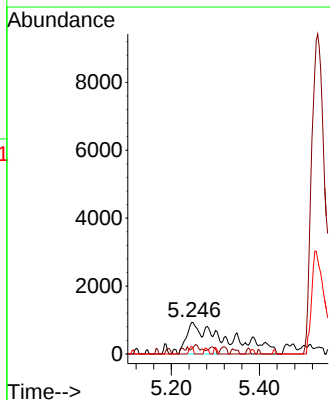
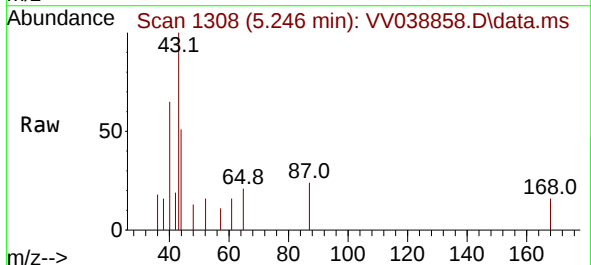
RT: 5.246 min Scan# 1308

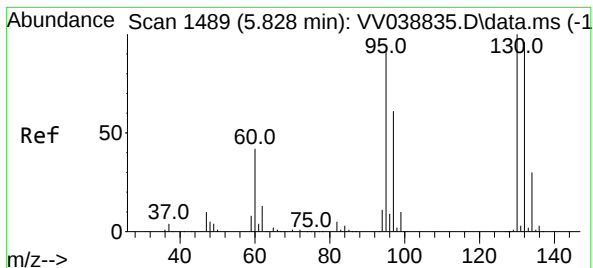
Delta R.T. 0.061 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Tgt Ion: 43 Resp: 5962
 Ion Ratio Lower Upper
 43 100
 61 0.0 17.0 25.6#
 87 0.0 13.0 19.6#





#44

Trichloroethene

Concen: 0.615 ug/l m

RT: 5.850 min Scan# 1489

Delta R.T. 0.022 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion:130 Resp: 316

Ion Ratio Lower Upper

130 100

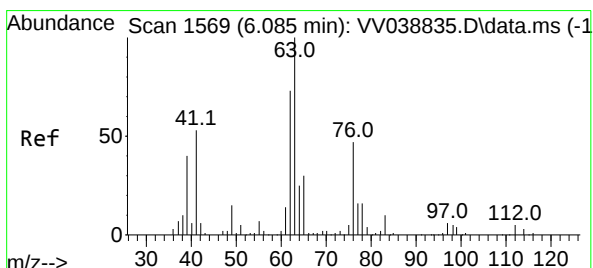
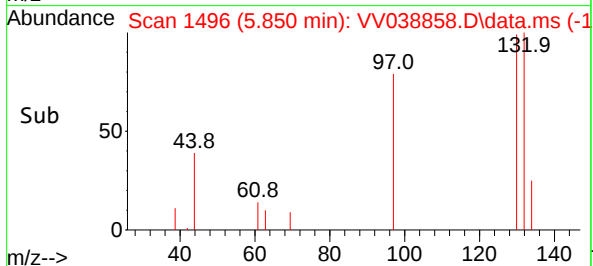
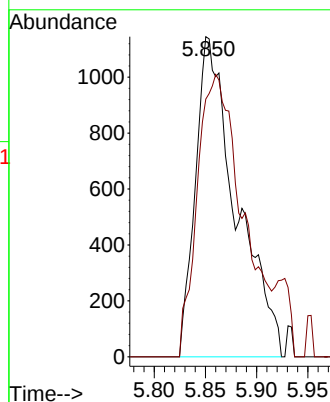
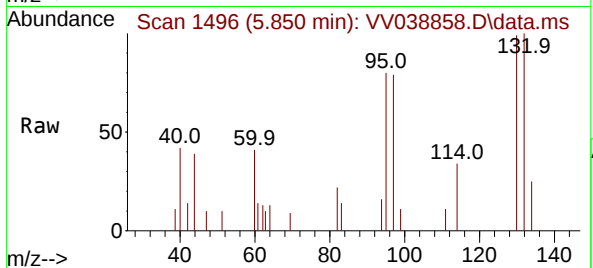
95 80.5 0.0 184.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025

Supervised By :Semsettin Yesilyurt 07/07/2025



#45

1,2-Dichloropropane

Concen: 0.629 ug/l m

RT: 6.117 min Scan# 1579

Delta R.T. 0.032 min

Lab File: VV038858.D

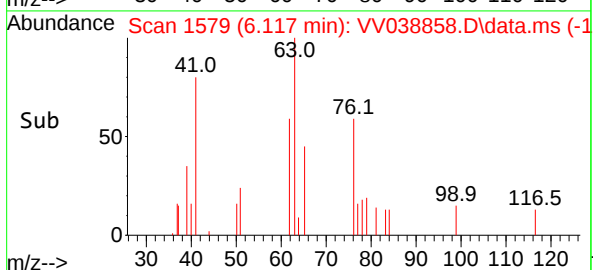
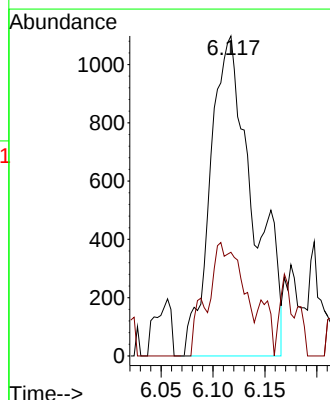
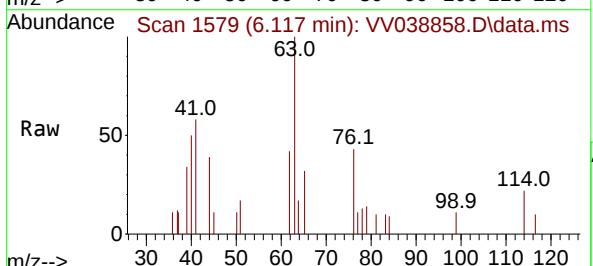
Acq: 03 Jul 2025 13:52

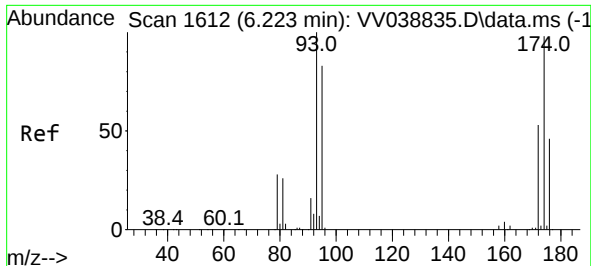
Tgt Ion: 63 Resp: 3119

Ion Ratio Lower Upper

63 100

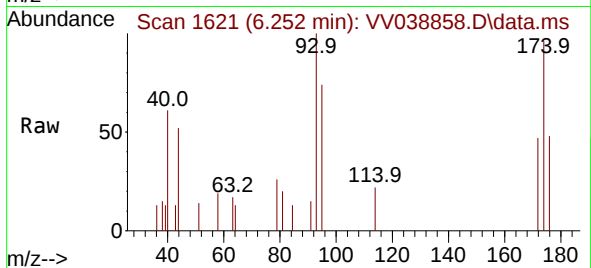
65 32.4 24.3 36.5





#46
Dibromomethane
Concen: 0.511 ug/l m
RT: 6.252 min Scan# 1680
Delta R.T. 0.029 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

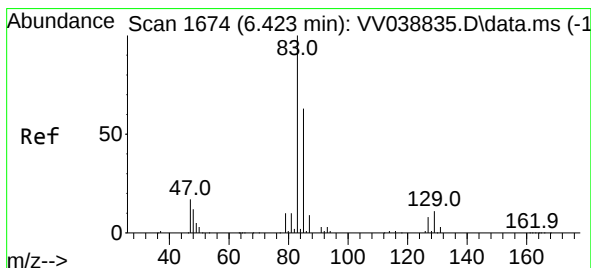
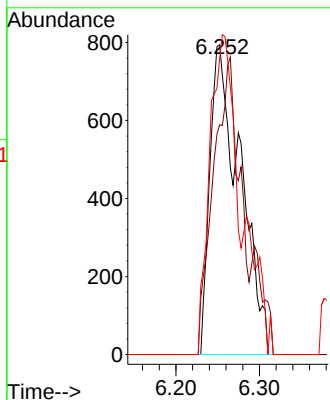
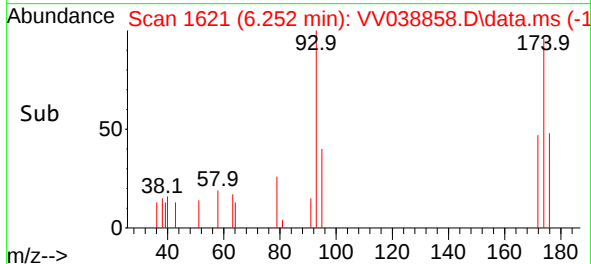
Instrument :
MSVOA_V
ClientSampleId :
MDL01



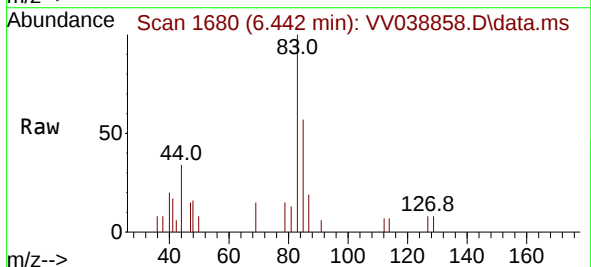
Tgt Ion: 93 Resp: 1998
Ion Ratio Lower Upper
93 100
95 82.4 66.7 100.1
174 84.1 78.7 118.1

Manual Integrations
APPROVED

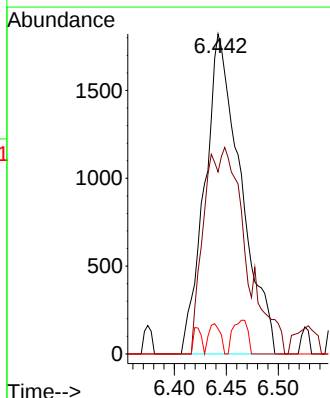
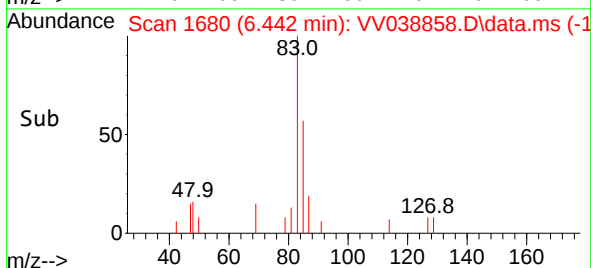
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025

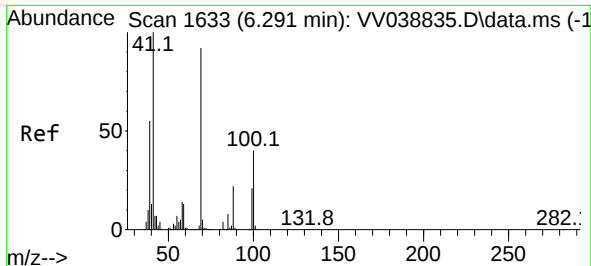


#47
Bromodichloromethane
Concen: 0.530 ug/l
RT: 6.442 min Scan# 1680
Delta R.T. 0.019 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52



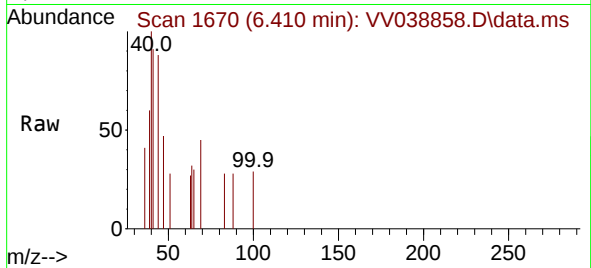
Tgt Ion: 83 Resp: 4383
Ion Ratio Lower Upper
83 100
85 56.9 50.1 75.1
127 7.9 6.6 10.0





#48
Methyl methacrylate
Concen: 0.525 ug/l m
RT: 6.410 min Scan# 1633
Delta R.T. 0.119 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

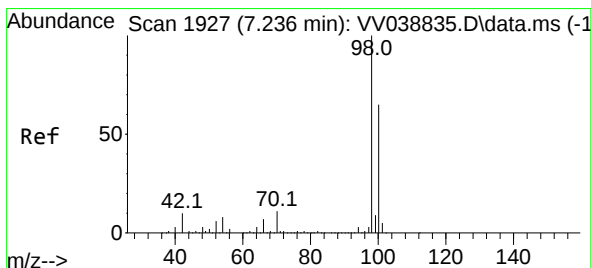
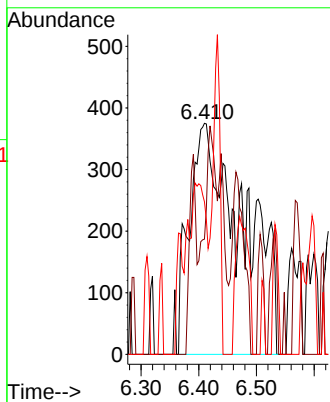
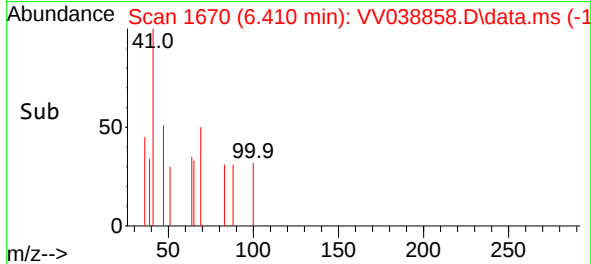
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 41 Resp: 2420
Ion Ratio Lower Upper
41 100
69 0.0 77.4 116.2
39 6.3 44.2 66.4

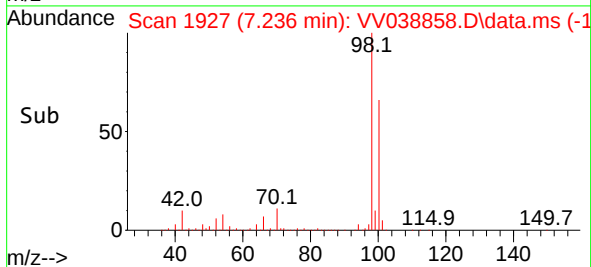
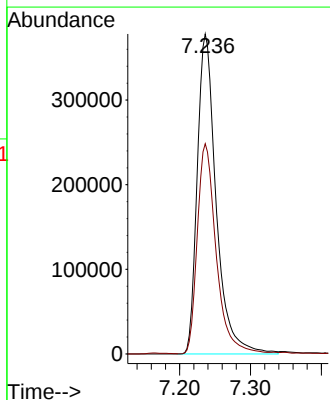
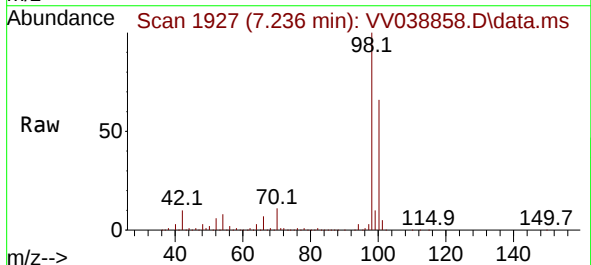
Manual Integrations
APPROVED

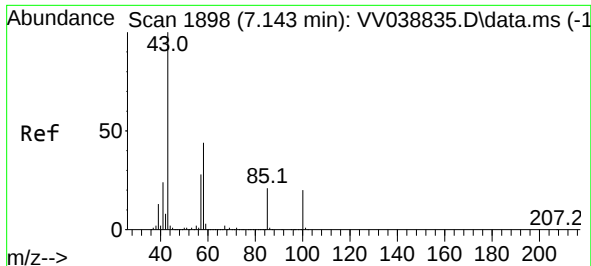
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#50
Toluene-d8
Concen: 44.007 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

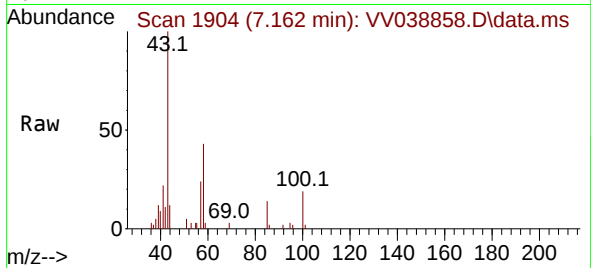
Tgt Ion: 98 Resp: 701101
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 2.032 ug/l
RT: 7.162 min Scan# 1904
Delta R.T. 0.019 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

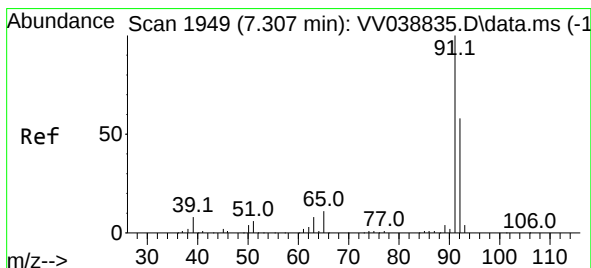
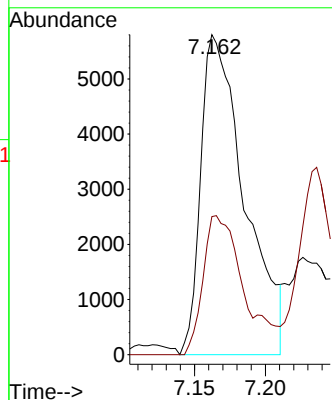
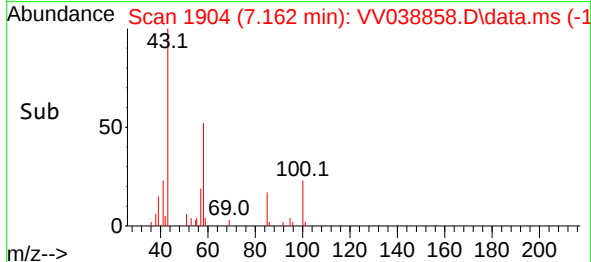
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 43 Resp: 12474
Ion Ratio Lower Upper
43 100
58 40.8 34.4 51.6

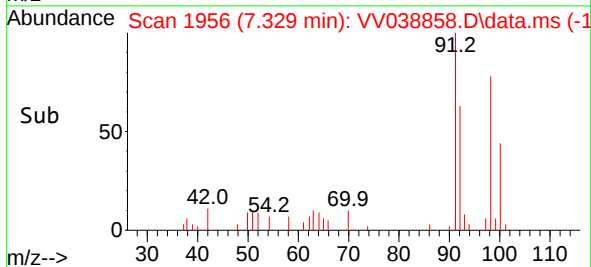
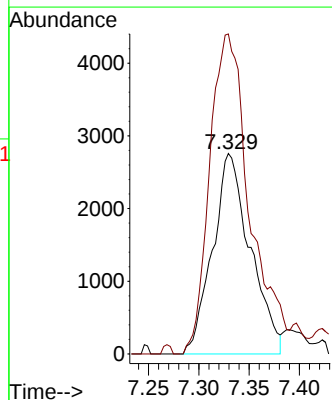
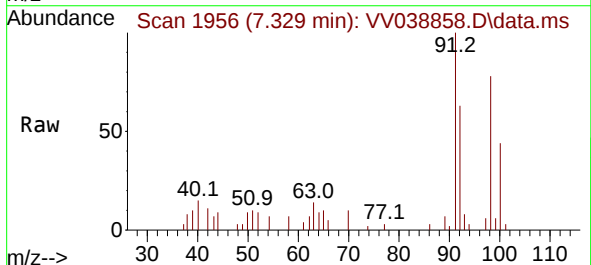
Manual Integrations
APPROVED

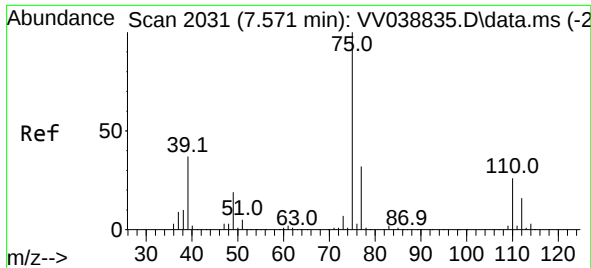
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#52
Toluene
Concen: 0.584 ug/l
RT: 7.329 min Scan# 1956
Delta R.T. 0.022 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

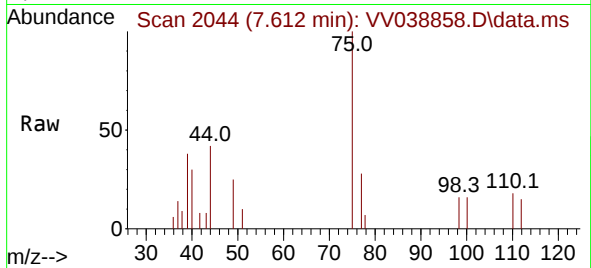
Tgt Ion: 92 Resp: 7198
Ion Ratio Lower Upper
92 100
91 169.5 138.5 207.7





#53
 t-1,3-Dichloropropene
 Concen: 0.537 ug/l m
 RT: 7.612 min Scan# 2031
 Delta R.T. 0.042 min
 Lab File: VV038858.D
 Acq: 03 Jul 2025 13:52

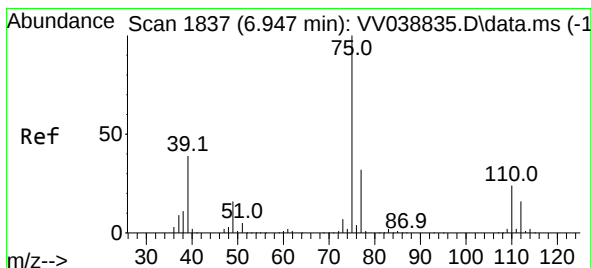
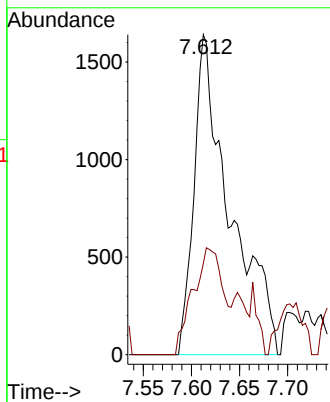
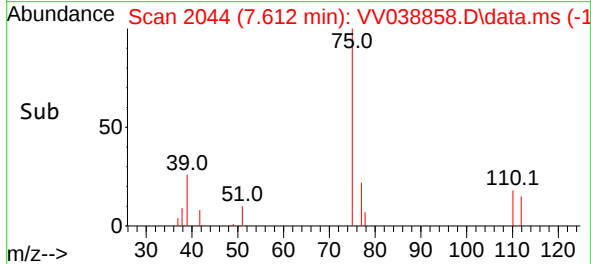
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01



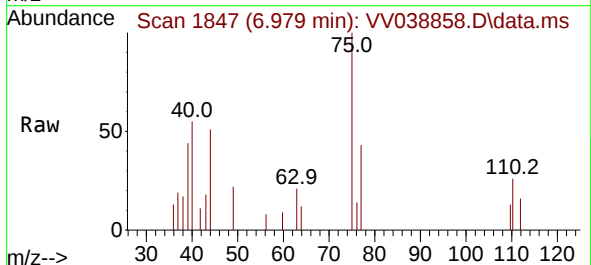
Tgt Ion: 75 Resp: 425
 Ion Ratio Lower Upper
 75 100
 77 28.5 25.4 38.2

Manual Integrations
 APPROVED

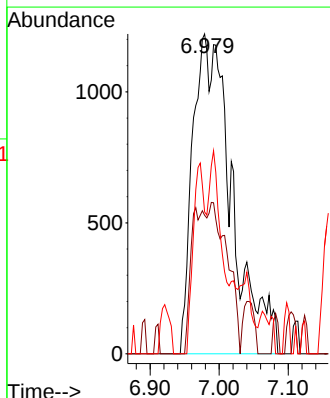
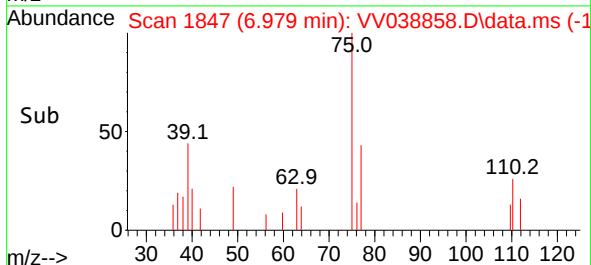
Reviewed By :Mahesh Dadoda 07/07/2025
 Supervised By :Semsettin Yesilyurt 07/07/2025

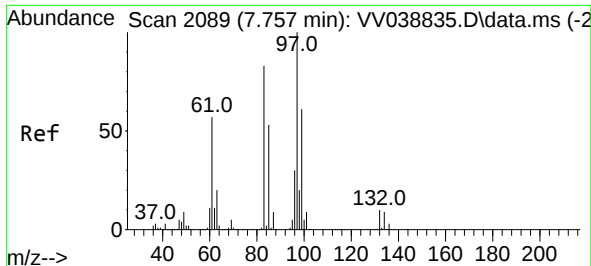


#54
 cis-1,3-Dichloropropene
 Concen: 0.593 ug/l m
 RT: 6.979 min Scan# 1847
 Delta R.T. 0.032 min
 Lab File: VV038858.D
 Acq: 03 Jul 2025 13:52



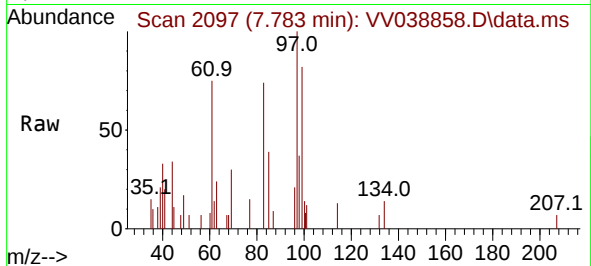
Tgt Ion: 75 Resp: 4804
 Ion Ratio Lower Upper
 75 100
 77 43.3 25.8 38.8#
 39 44.4 31.3 46.9





#55
1,1,2-Trichloroethane
Concen: 0.652 ug/l
RT: 7.783 min Scan# 2094
Delta R.T. 0.026 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

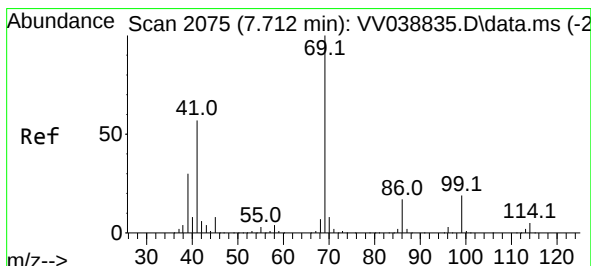
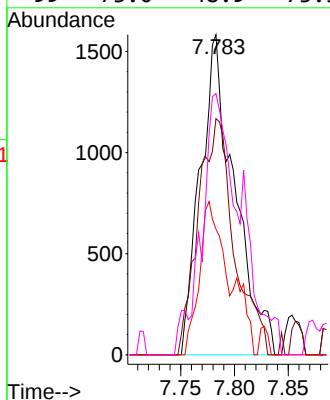
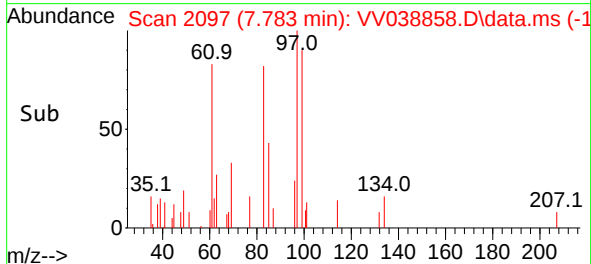
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	73.8	66.2	99.4
85	39.2	42.2	63.4
99	73.0	48.9	73.3

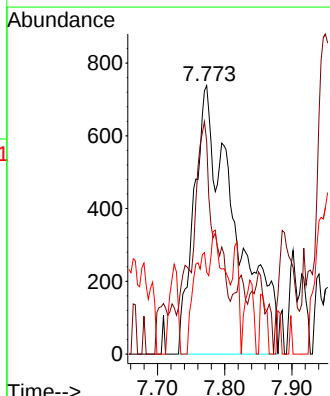
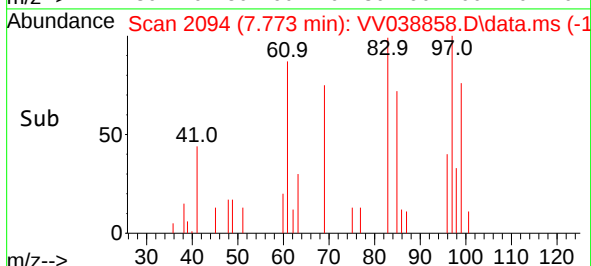
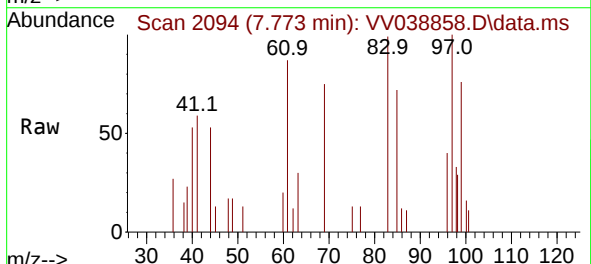
Manual Integrations
APPROVED

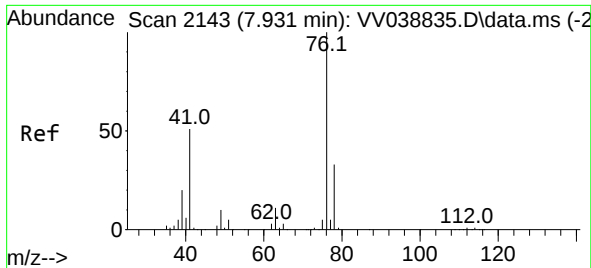
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#56
Ethyl methacrylate
Concen: 0.442 ug/l m
RT: 7.773 min Scan# 2094
Delta R.T. 0.061 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

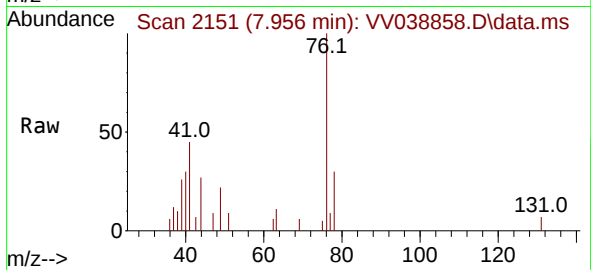
Tgt Ion	Ratio	Lower	Upper
69	100		
41	28.6	46.1	69.1#
39	13.5	24.1	36.1#





#57
1,3-Dichloropropane
Concen: 0.524 ug/l
RT: 7.956 min Scan# 2143
Delta R.T. 0.026 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

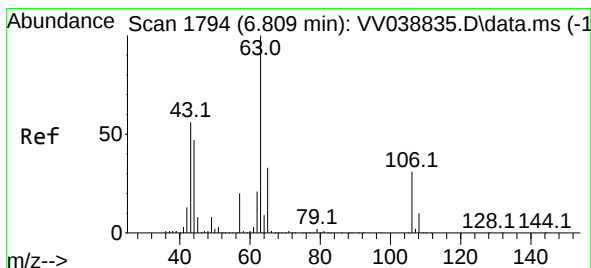
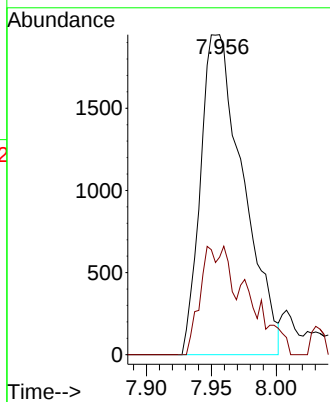
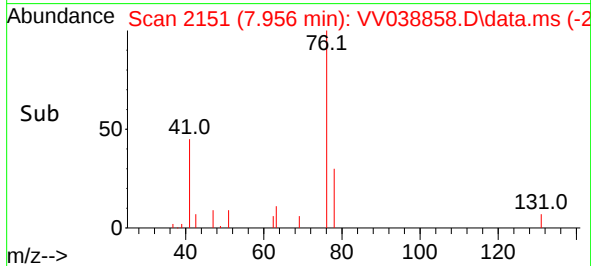
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 76 Resp: 4449
Ion Ratio Lower Upper
76 100
78 13.0 26.2 39.2

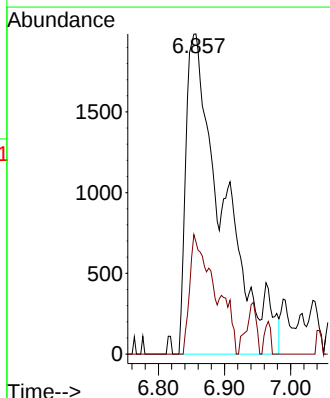
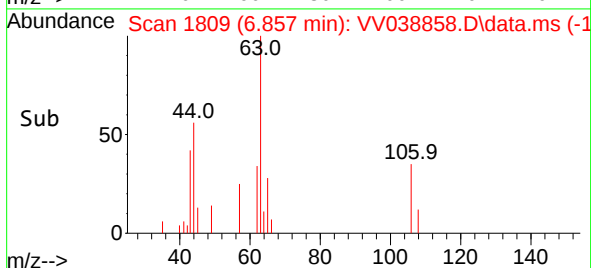
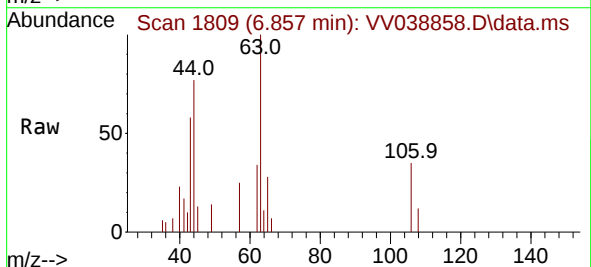
Manual Integrations
APPROVED

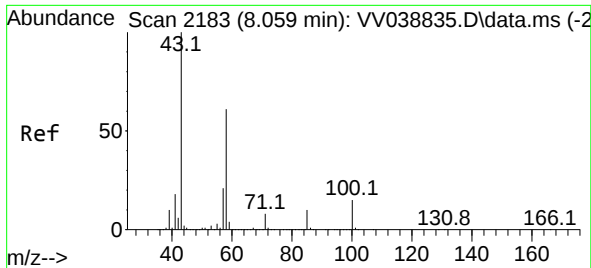
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#58
2-Chloroethyl Vinyl ether
Concen: 2.405 ug/l m
RT: 6.857 min Scan# 1809
Delta R.T. 0.048 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

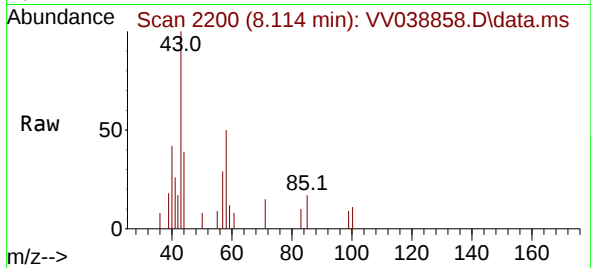
Tgt Ion: 63 Resp: 7743
Ion Ratio Lower Upper
63 100
106 19.6 24.6 37.0





#59
2-Hexanone
Concen: 1.977 ug/l m
RT: 8.114 min Scan# 2183
Delta R.T. 0.055 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

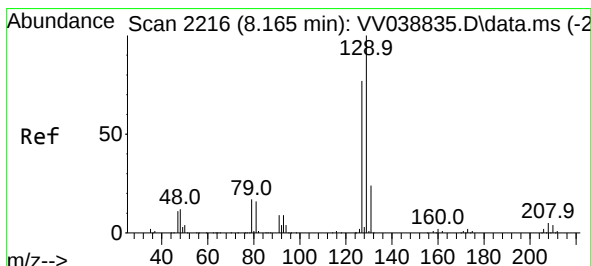
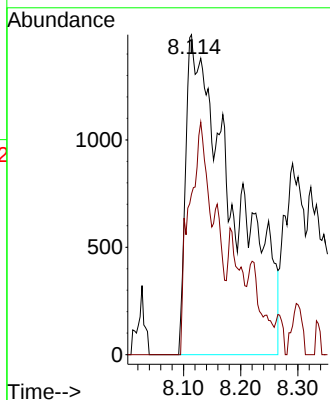
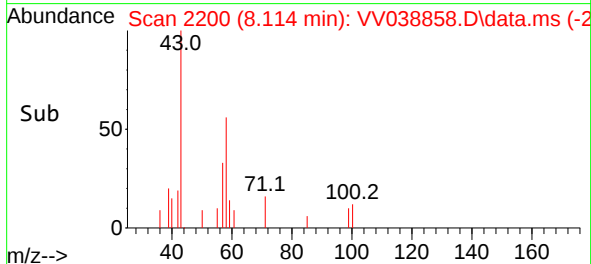
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
58 3.3 30.3 91.0

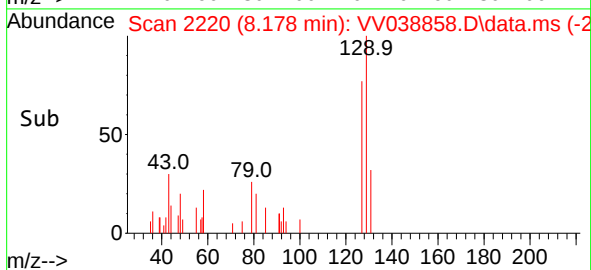
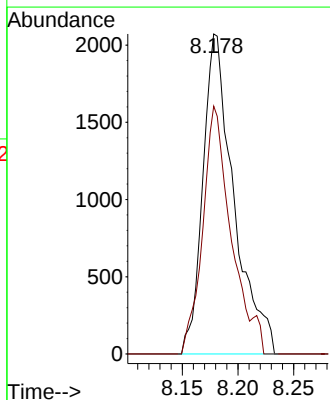
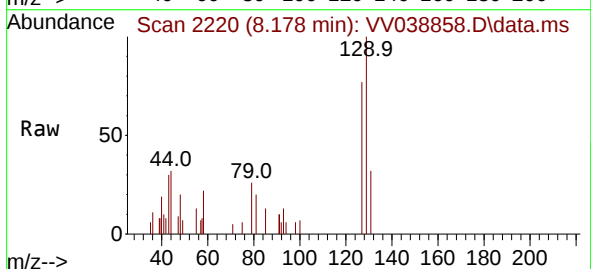
Manual Integrations
APPROVED

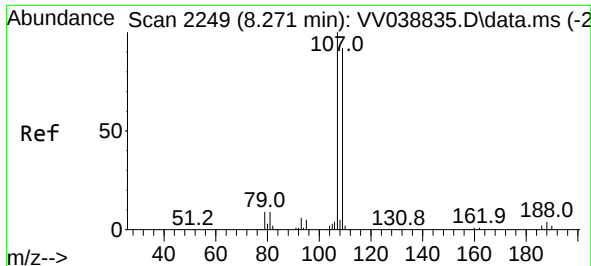
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#60
Dibromochloromethane
Concen: 0.590 ug/l
RT: 8.178 min Scan# 2220
Delta R.T. 0.013 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

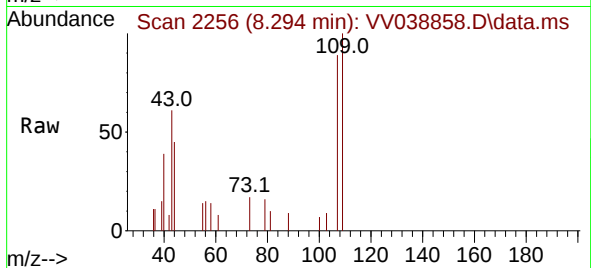
Tgt Ion:129 Resp: 4006
Ion Ratio Lower Upper
129 100
127 71.3 38.2 114.6





#61
1,2-Dibromoethane
Concen: 0.606 ug/l m
RT: 8.294 min Scan# 21
Delta R.T. 0.022 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

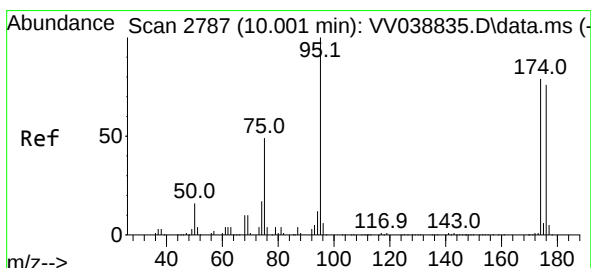
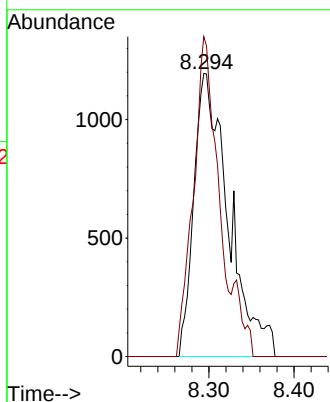
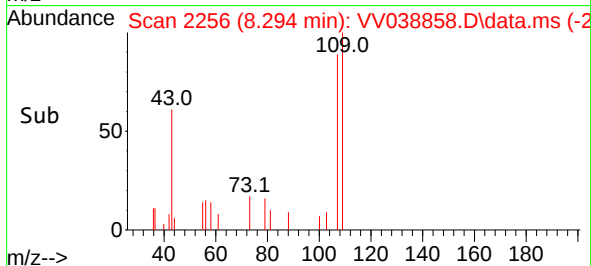
Instrument :
MSVOA_V
ClientSampleId :
MDL01



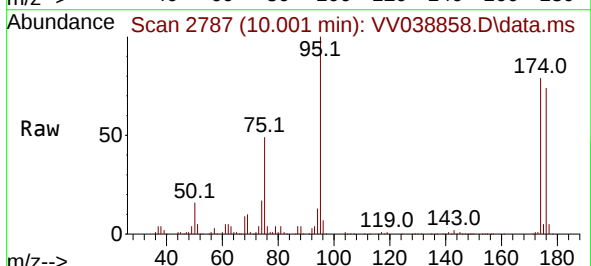
Tgt Ion: 107 Resp: 3380
Ion Ratio Lower Upper
107 100
109 78.3 74.8 112.2

Manual Integrations
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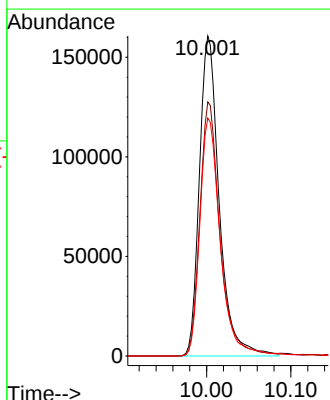
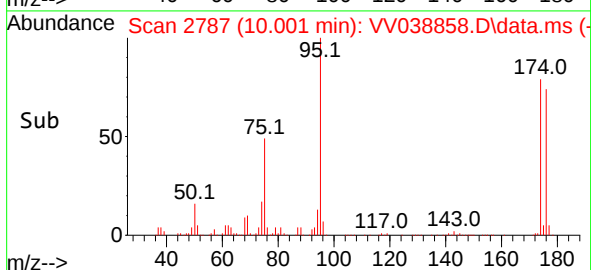
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025

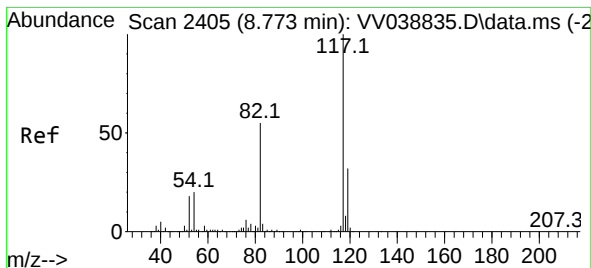


#62
4-Bromofluorobenzene
Concen: 40.992 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52



Tgt Ion: 95 Resp: 263847
Ion Ratio Lower Upper
95 100
174 80.2 0.0 158.2
176 76.8 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL01

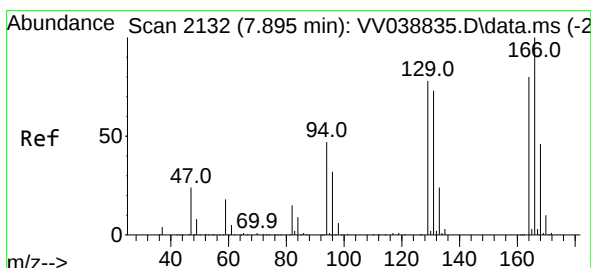
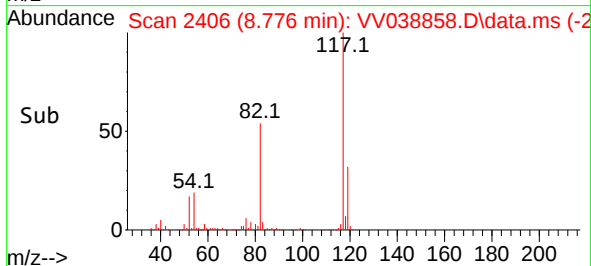
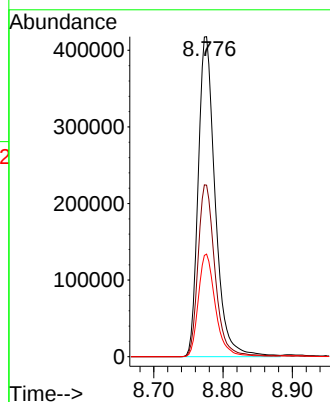
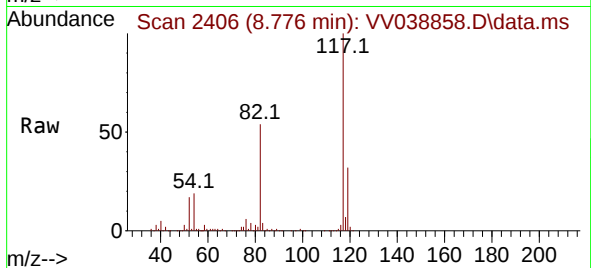
Tgt Ion:117 Resp: 71431

Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.2	66.4
119	32.0	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#64

Tetrachloroethene

Concen: 0.681 ug/l

RT: 7.908 min Scan# 2136

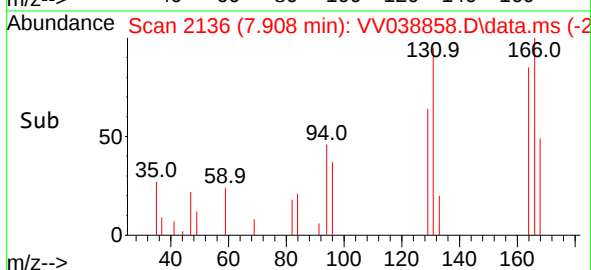
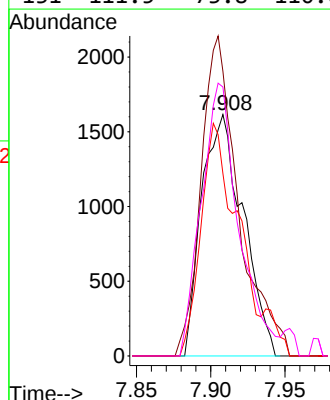
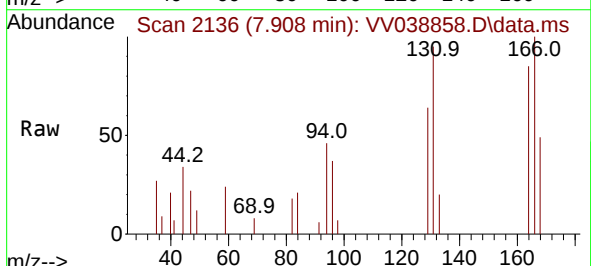
Delta R.T. 0.013 min

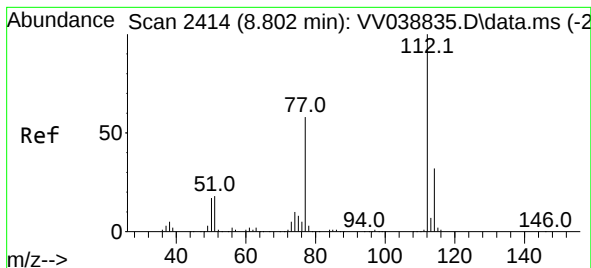
Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Tgt Ion:164 Resp: 3127

Ion	Ratio	Lower	Upper
164	100		
166	111.6	100.6	151.0
129	75.5	78.4	117.6#
131	111.5	73.8	110.6#





#65

Chlorobenzene

Concen: 0.614 ug/l

RT: 8.808 min Scan# 2414

Delta R.T. 0.006 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion:112 Resp: 924

Ion Ratio Lower Upper

112 100

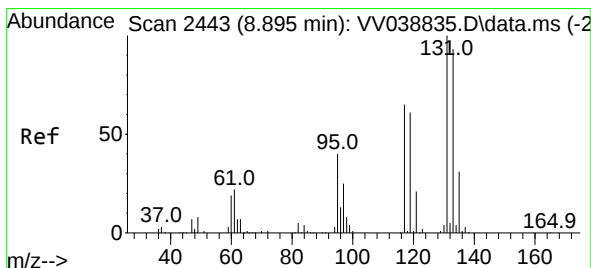
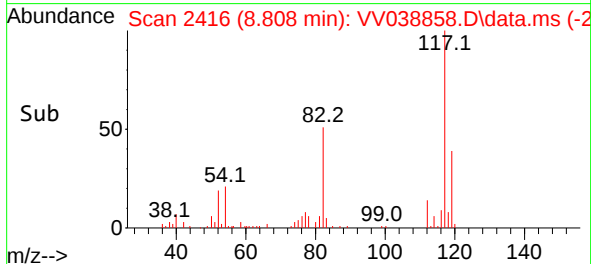
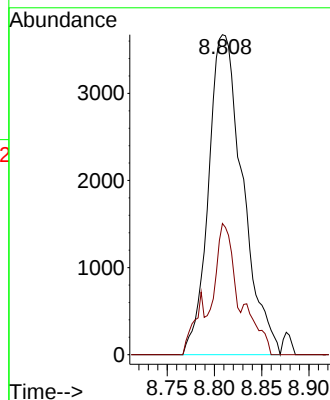
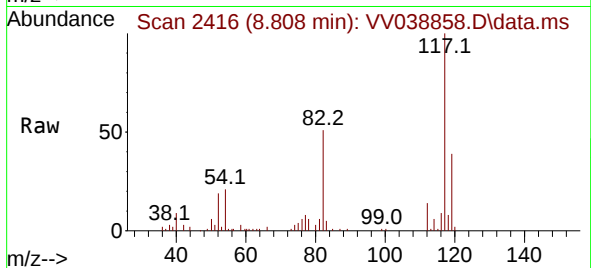
114 41.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025

Supervised By :Semsettin Yesilyurt 07/07/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 0.566 ug/l

RT: 8.905 min Scan# 2446

Delta R.T. 0.010 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

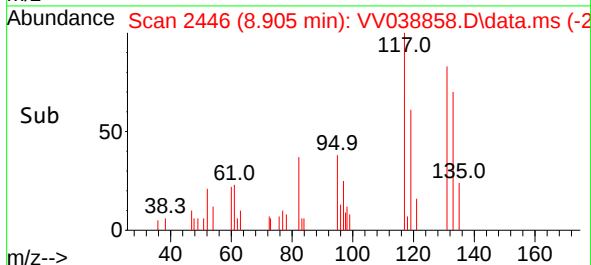
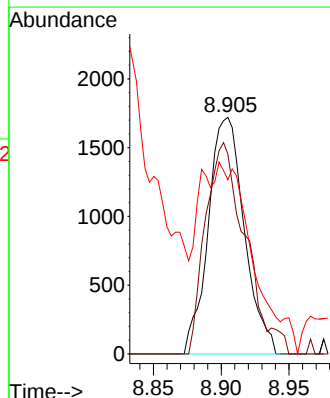
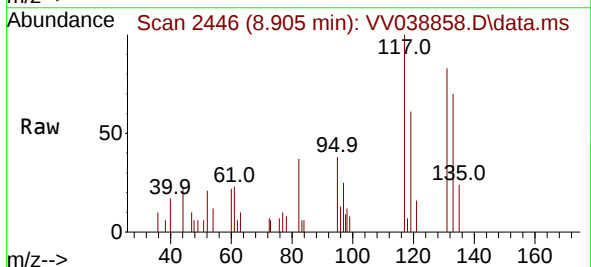
Tgt Ion:131 Resp: 3179

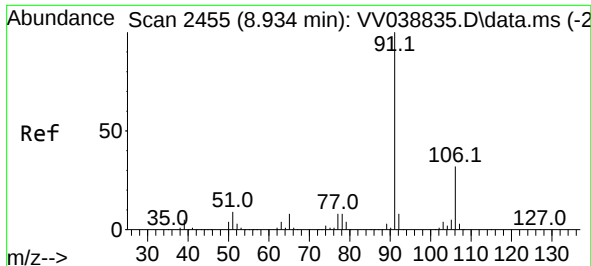
Ion Ratio Lower Upper

131 100

133 98.9 47.3 142.0

119 0.0 31.0 93.0





#67

Ethyl Benzene

Concen: 0.508 ug/l

RT: 8.953 min Scan# 2455

Delta R.T. 0.019 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 91 Resp: 11979

Ion Ratio Lower Upper

91 100

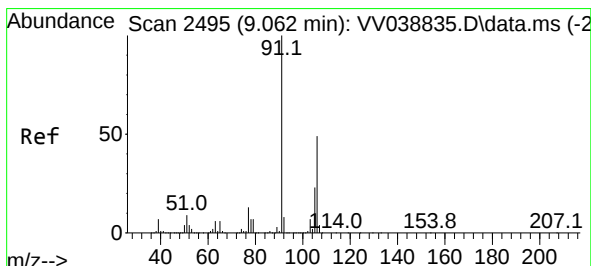
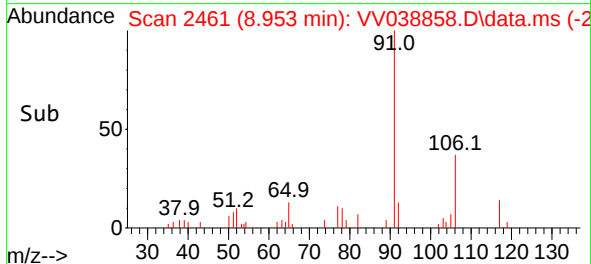
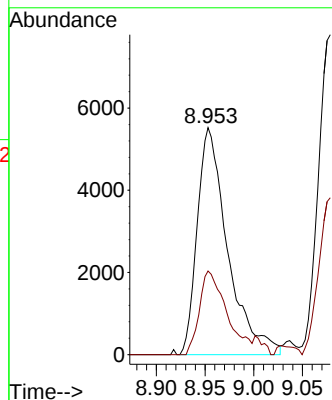
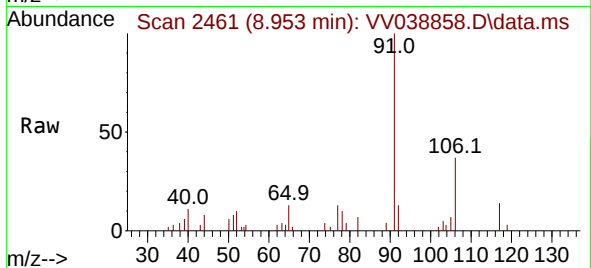
106 36.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025

Supervised By :Semsettin Yesilyurt 07/07/2025



#68

m/p-Xylenes

Concen: 0.965 ug/l m

RT: 9.079 min Scan# 2500

Delta R.T. 0.016 min

Lab File: VV038858.D

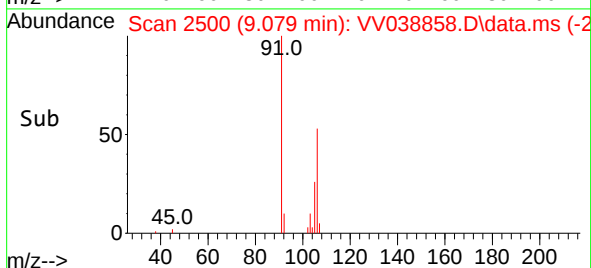
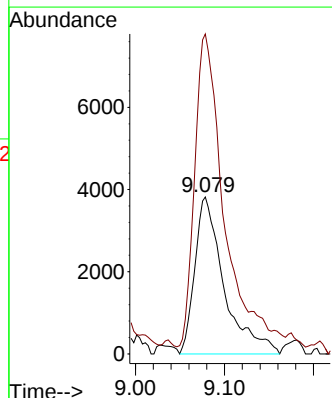
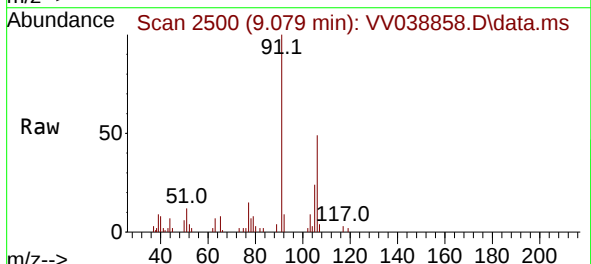
Acq: 03 Jul 2025 13:52

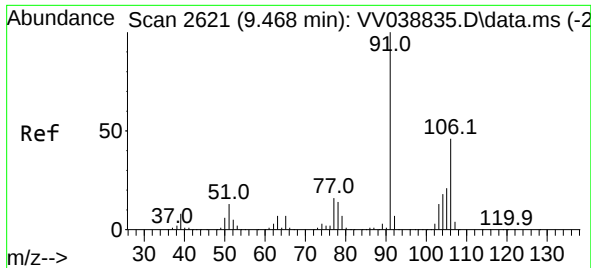
Tgt Ion:106 Resp: 8718

Ion Ratio Lower Upper

106 100

91 199.9 162.9 244.3





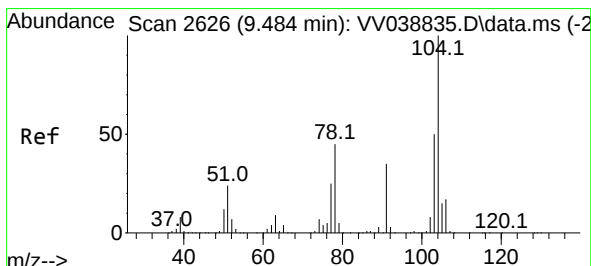
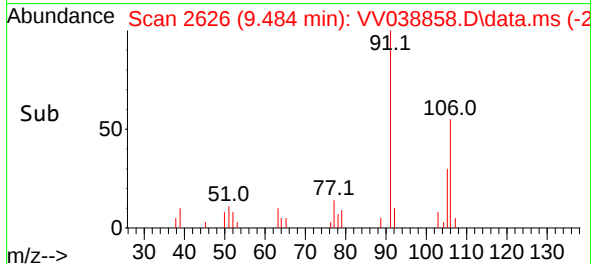
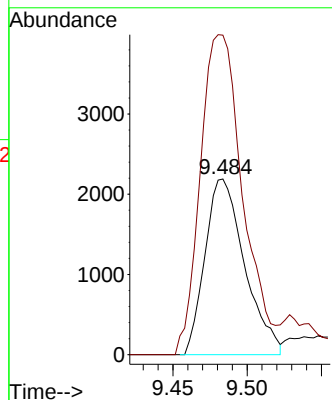
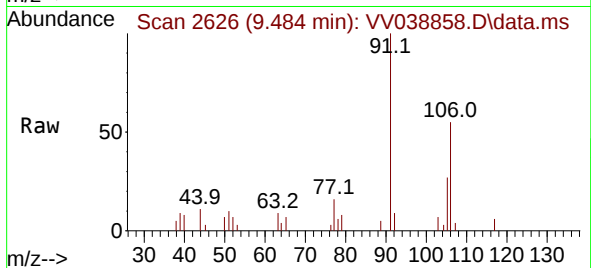
#69
o-Xylene
Concen: 0.471 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.016 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:106 Resp: 4064
Ion Ratio Lower Upper
106 100
91 194.5 107.6 322.8

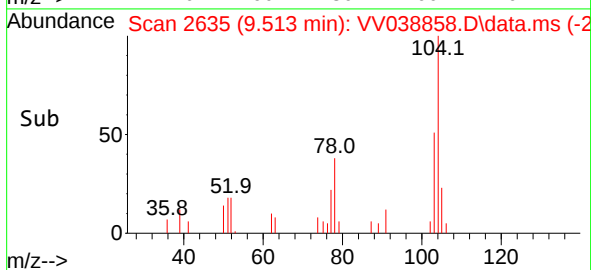
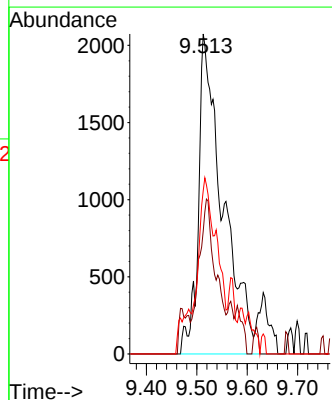
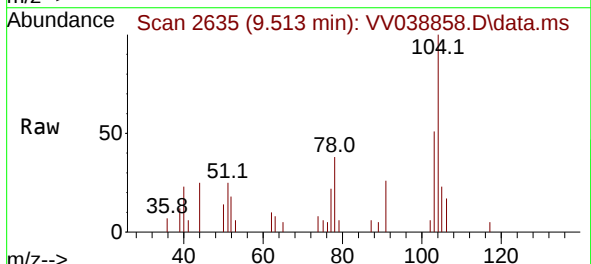
Manual Integrations
APPROVED

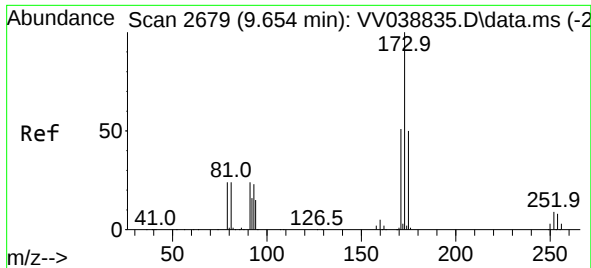
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#70
Styrene
Concen: 0.499 ug/l m
RT: 9.513 min Scan# 2635
Delta R.T. 0.029 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

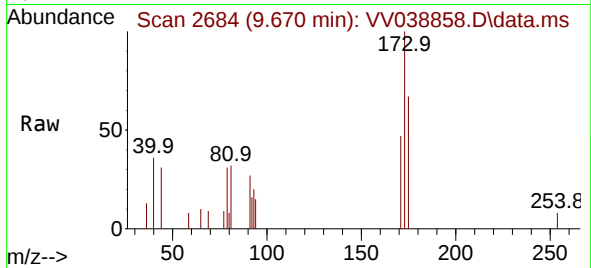
Tgt Ion:104 Resp: 7521
Ion Ratio Lower Upper
104 100
78 24.4 39.9 59.9#
103 33.2 43.4 65.0#





#71
Bromoform
Concen: 0.602 ug/l
RT: 9.670 min Scan# 2684
Delta R.T. 0.016 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

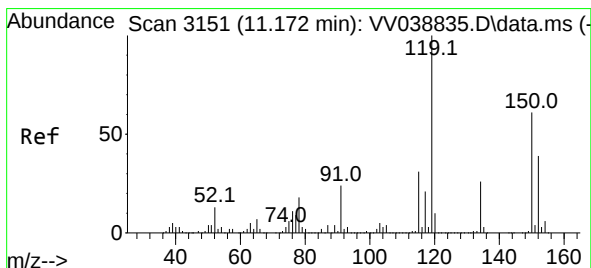
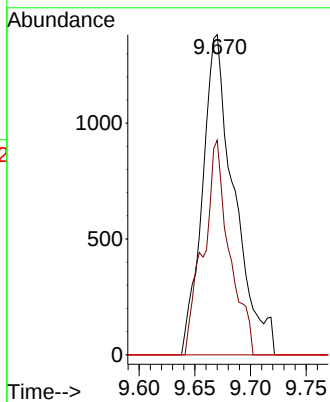
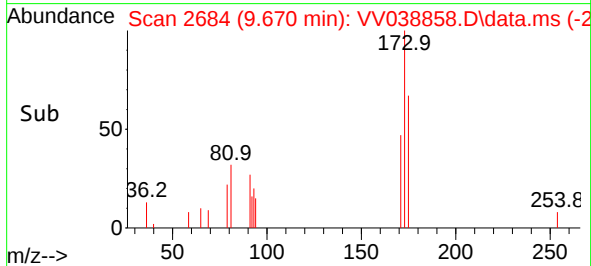
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion:173 Resp: 2750
Ion Ratio Lower Upper
173 100
175 54.5 24.3 72.9
254 0.0 0.1 0.1

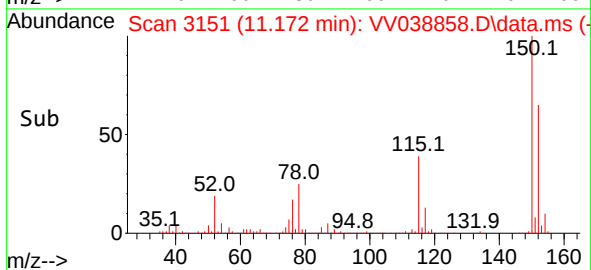
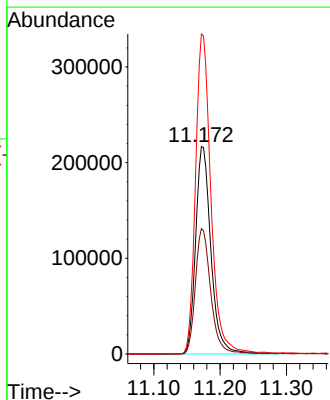
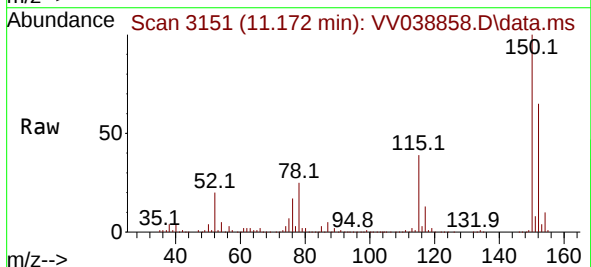
Manual Integrations
APPROVED

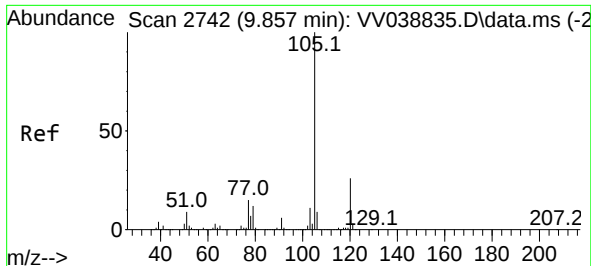
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion:152 Resp: 348702
Ion Ratio Lower Upper
152 100
115 60.2 42.0 126.0
150 154.3 0.0 343.6





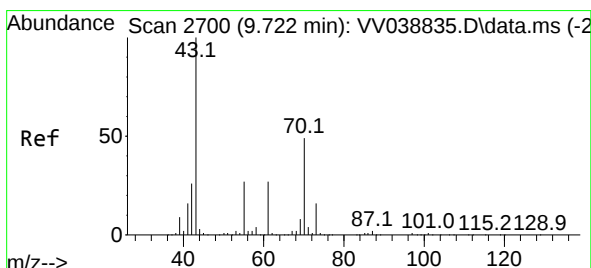
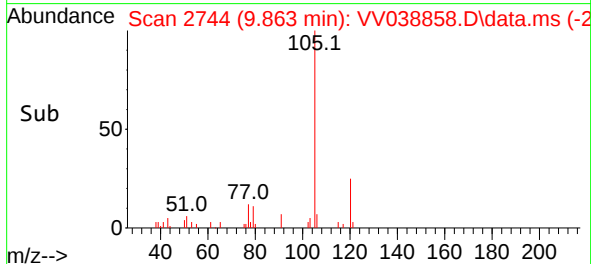
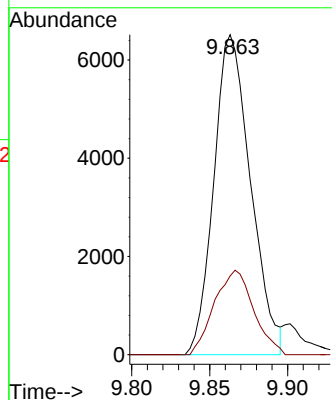
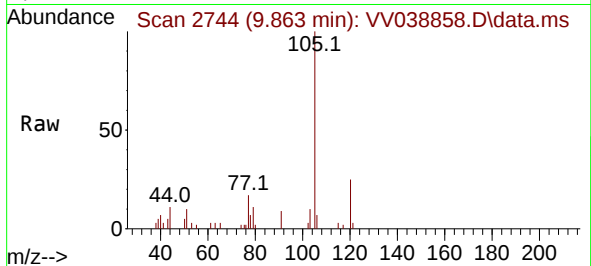
#73
Isopropylbenzene
Concen: 0.523 ug/l
RT: 9.863 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 105 Resp: 10694
Ion Ratio Lower Upper
105 100
120 28.2 13.1 39.3

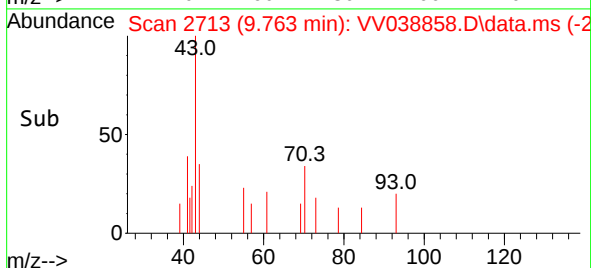
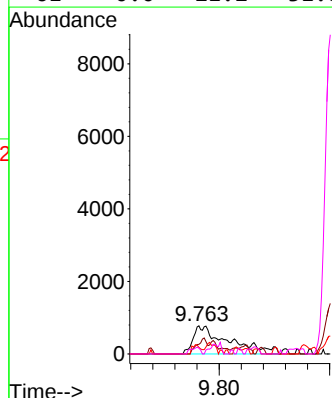
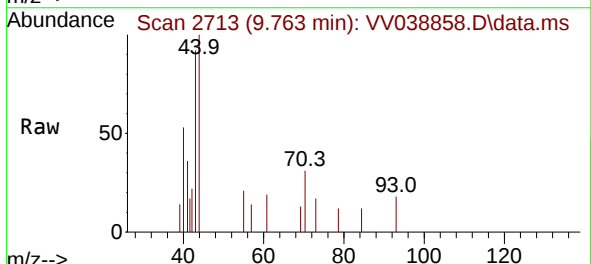
Manual Integrations
APPROVED

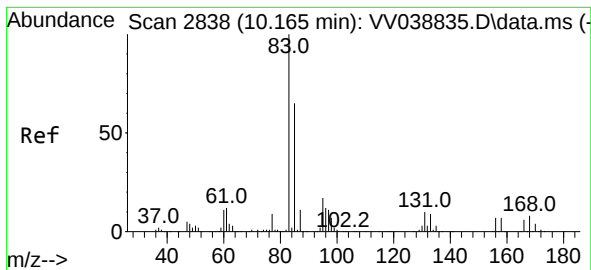
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#74
N-ethyl acetate
Concen: 0.481 ug/l m
RT: 9.763 min Scan# 2713
Delta R.T. 0.042 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

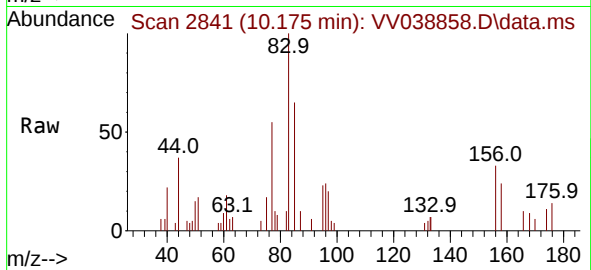
Tgt Ion: 43 Resp: 3445
Ion Ratio Lower Upper
43 100
70 15.4 39.7 59.5#
55 8.2 22.1 33.1#
61 0.0 21.2 31.8#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.683 ug/l
RT: 10.175 min Scan# 2841
Delta R.T. 0.010 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

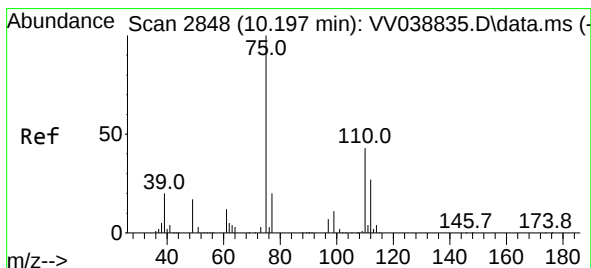
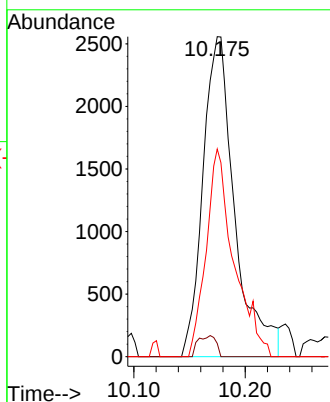
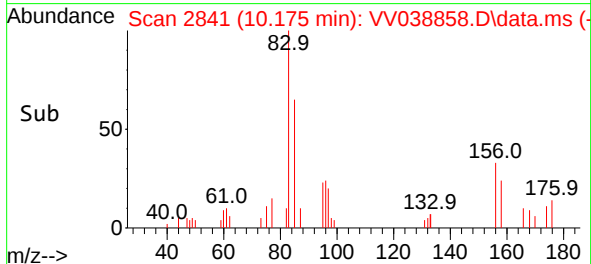
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 83 Resp: 506
Ion Ratio Lower Upper
83 100
131 3.7 5.1 15.3
85 56.7 31.6 95.0

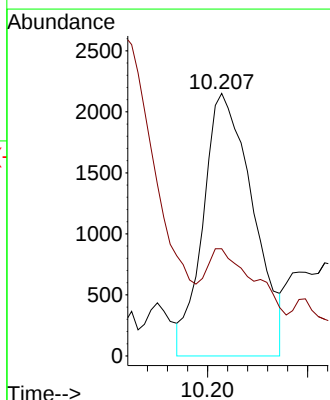
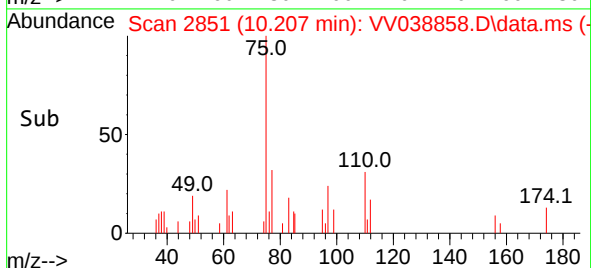
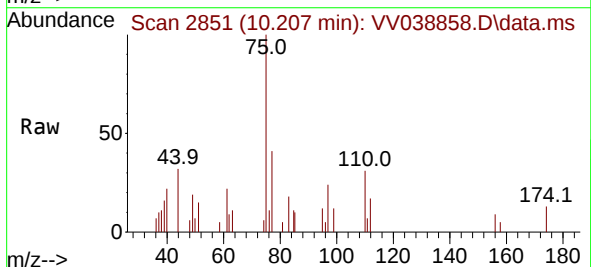
Manual Integrations
APPROVED

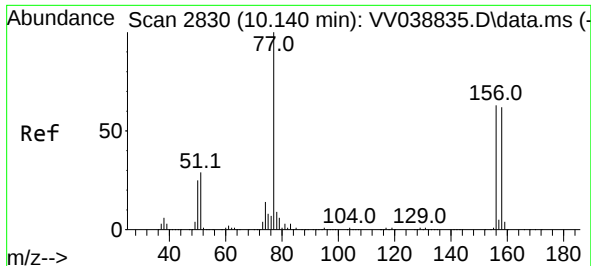
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#76
1,2,3-Trichloropropane
Concen: 0.690 ug/l m
RT: 10.207 min Scan# 2851
Delta R.T. 0.010 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

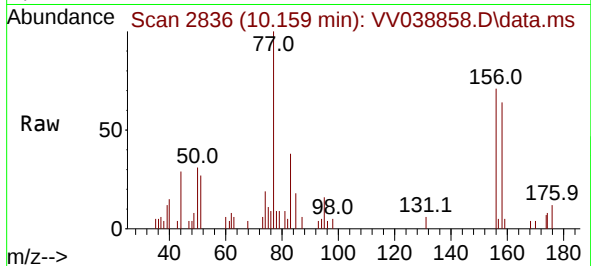
Tgt Ion: 75 Resp: 3721
Ion Ratio Lower Upper
75 100
77 51.8 11.7 35.1#





#77
Bromobenzene
Concen: 0.711 ug/l
RT: 10.159 min Scan# 2836
Delta R.T. 0.019 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

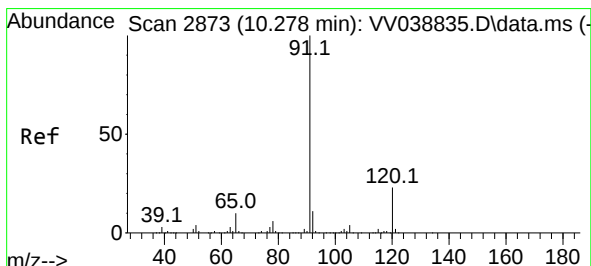
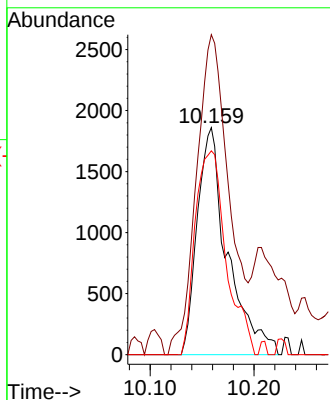
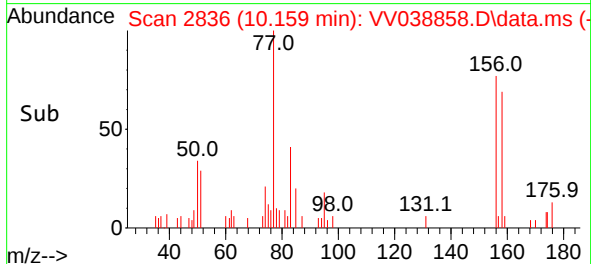
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 156 Resp: 3754
Ion Ratio Lower Upper
156 100
77 152.0 77.0 230.8
158 91.8 48.8 146.3

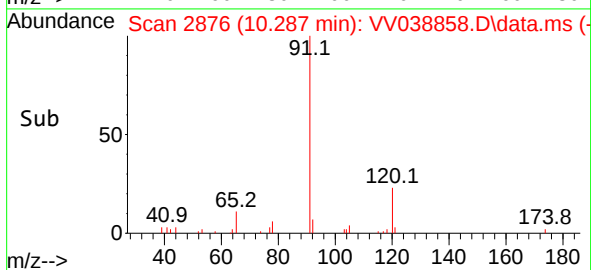
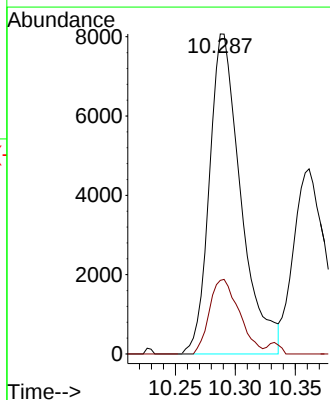
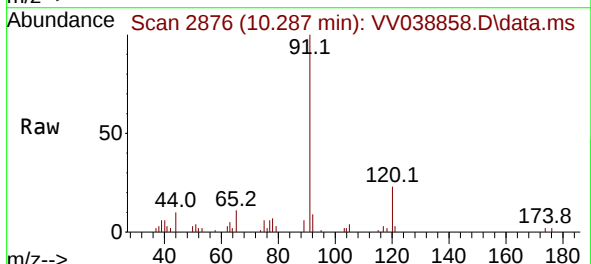
Manual Integrations
APPROVED

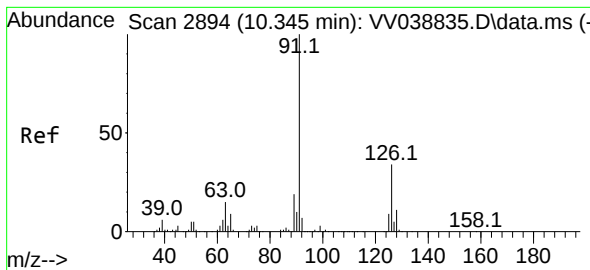
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#78
n-propylbenzene
Concen: 0.607 ug/l
RT: 10.287 min Scan# 2876
Delta R.T. 0.010 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 91 Resp: 14777
Ion Ratio Lower Upper
91 100
120 22.0 11.7 35.0





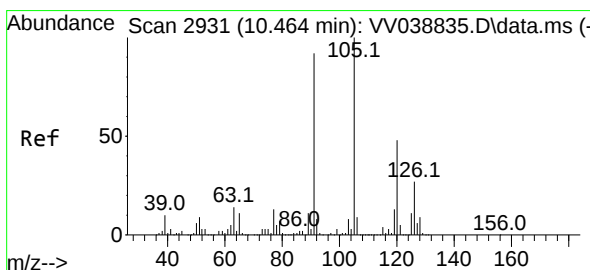
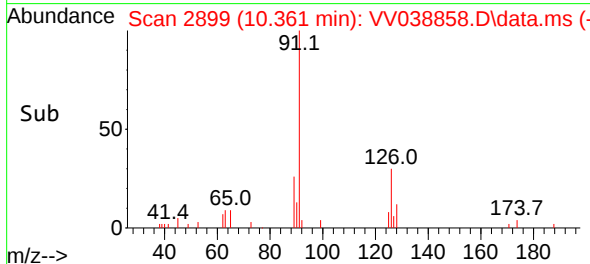
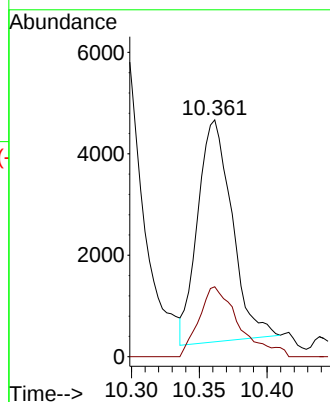
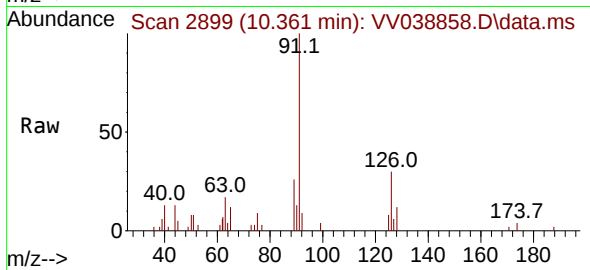
#79
2-Chlorotoluene
Concen: 0.521 ug/l
RT: 10.361 min Scan# 2894
Delta R.T. 0.016 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 91 Resp: 7710
Ion Ratio Lower Upper
91 100
126 36.6 17.1 51.3

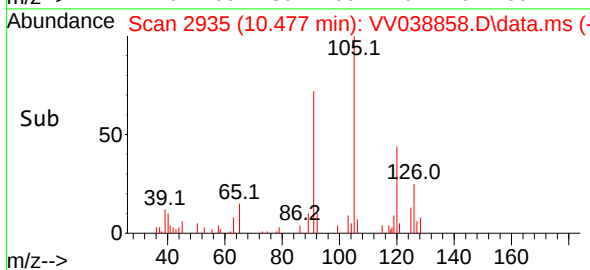
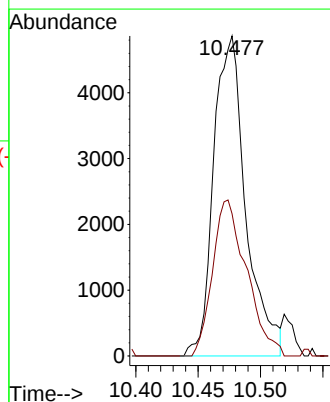
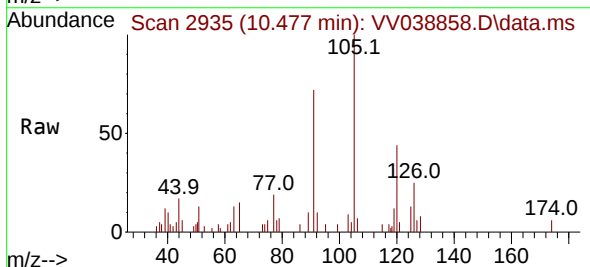
Manual Integrations
APPROVED

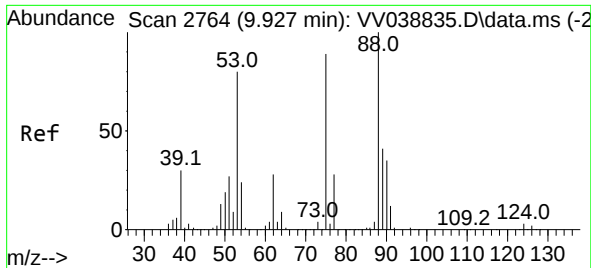
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.499 ug/l
RT: 10.477 min Scan# 2935
Delta R.T. 0.013 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

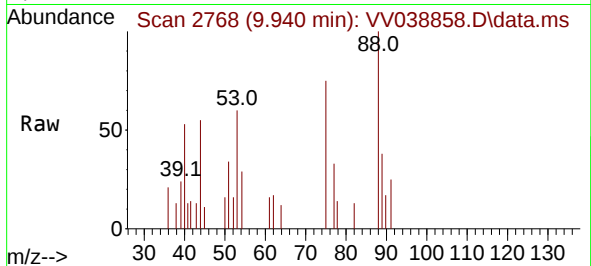
Tgt Ion:105 Resp: 8732
Ion Ratio Lower Upper
105 100
120 51.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 0.471 ug/l m
RT: 9.940 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

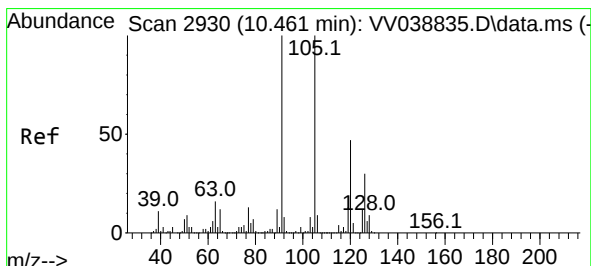
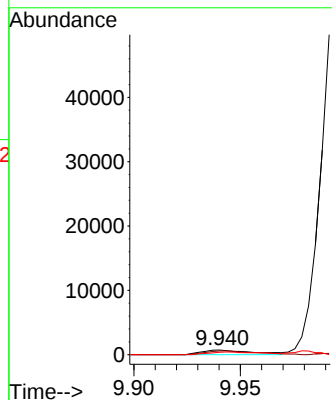
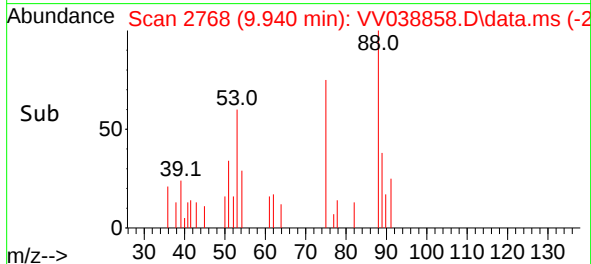
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 75 Resp: 119
Ion Ratio Lower Upper
75 100
53 35.8 71.2 106.8
89 12.3 44.6 66.8

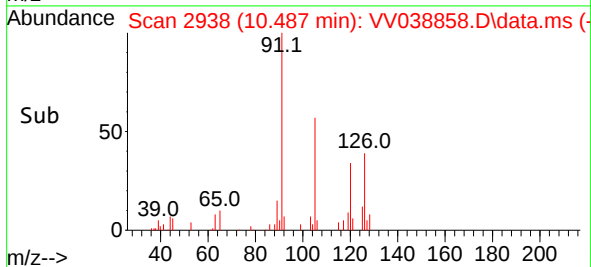
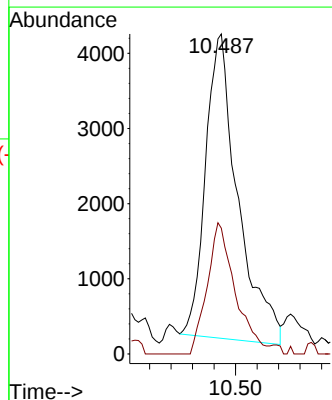
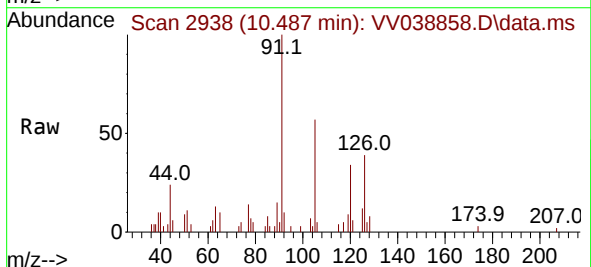
Manual Integrations
APPROVED

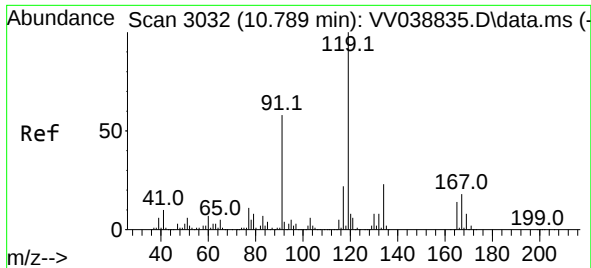
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#82
4-Chlorotoluene
Concen: 0.495 ug/l
RT: 10.487 min Scan# 2938
Delta R.T. 0.026 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

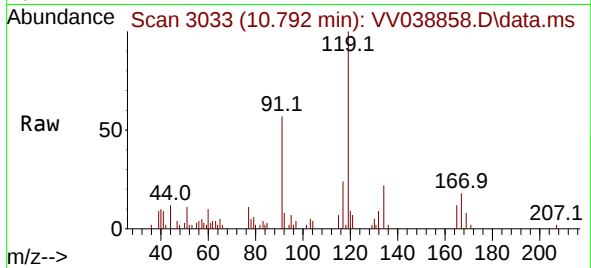
Tgt Ion: 91 Resp: 8443
Ion Ratio Lower Upper
91 100
126 37.3 14.8 44.3





#83
 tert-Butylbenzene
 Concen: 0.581 ug/l
 RT: 10.792 min Scan# 3033
 Delta R.T. 0.003 min
 Lab File: VV038858.D
 Acq: 03 Jul 2025 13:52

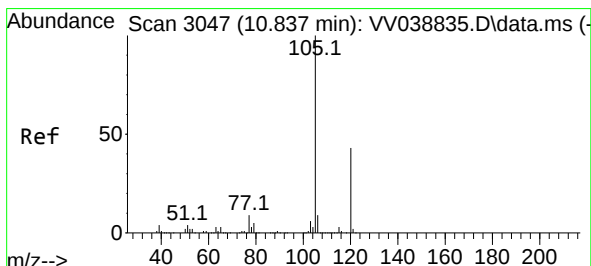
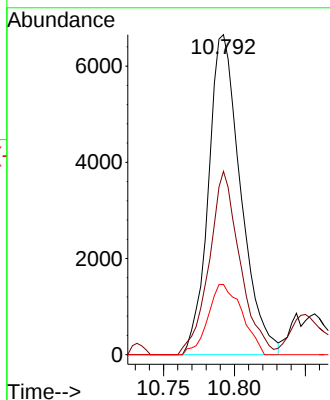
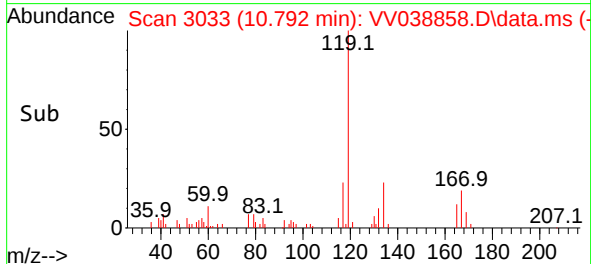
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01



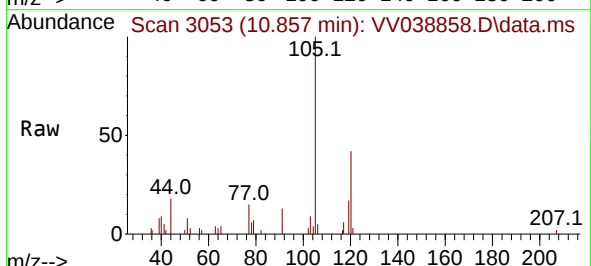
Tgt Ion:119 Resp: 10540
 Ion Ratio Lower Upper
 119 100
 91 54.8 28.5 85.5
 134 23.2 11.5 34.4

Manual Integrations
 APPROVED

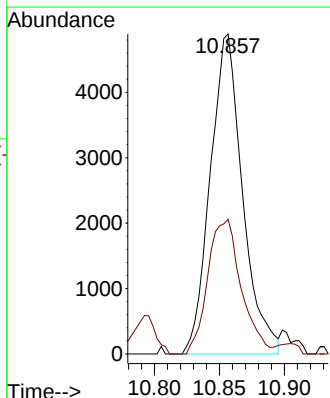
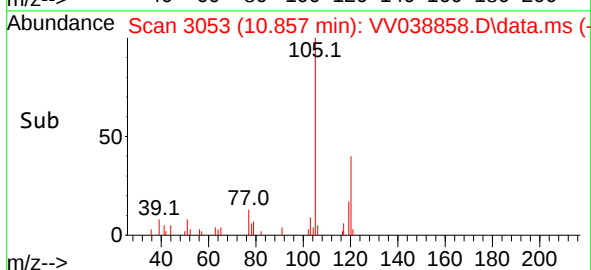
Reviewed By :Mahesh Dadoda 07/07/2025
 Supervised By :Semsettin Yesilyurt 07/07/2025

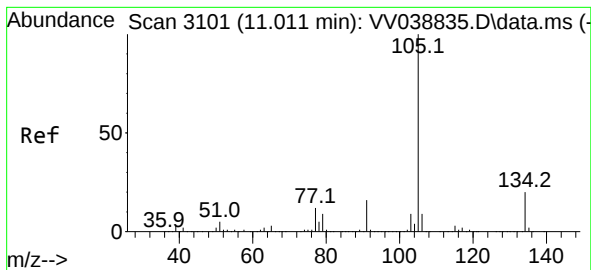


#84
 1,2,4-Trimethylbenzene
 Concen: 0.493 ug/l
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.019 min
 Lab File: VV038858.D
 Acq: 03 Jul 2025 13:52



Tgt Ion:105 Resp: 8454
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.7 68.0





#85

sec-Butylbenzene

Concen: 0.516 ug/l

RT: 11.017 min Scan# 3101

Delta R.T. 0.006 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

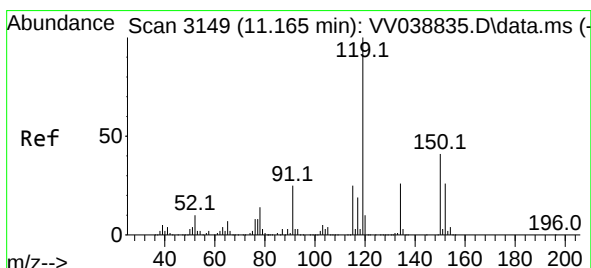
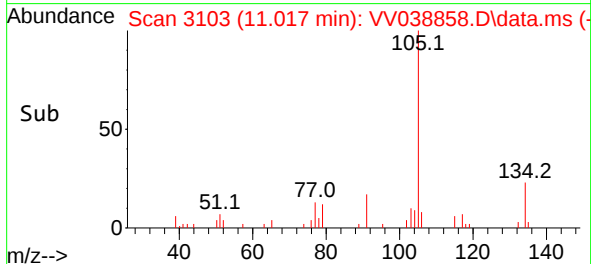
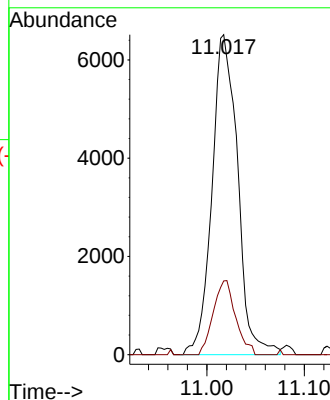
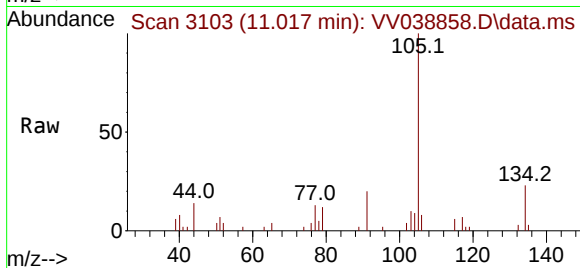
MDL01

Tgt Ion:105 Resp: 11919
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025
 Supervised By :Semsettin Yesilyurt 07/07/2025



#86

p-Isopropyltoluene

Concen: 0.540 ug/l

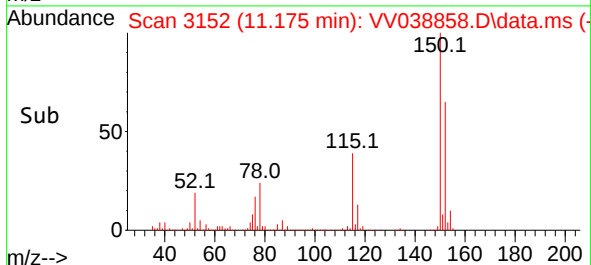
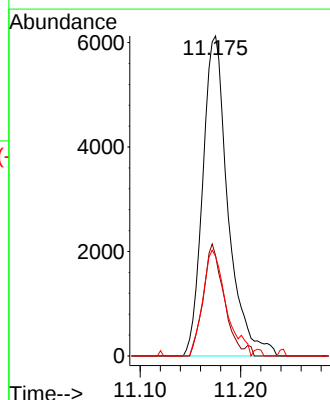
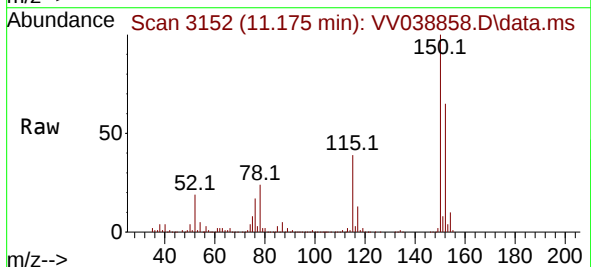
RT: 11.175 min Scan# 3152

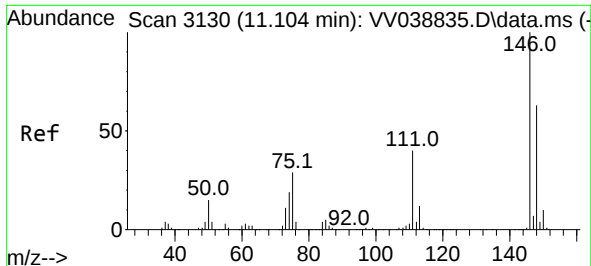
Delta R.T. 0.010 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

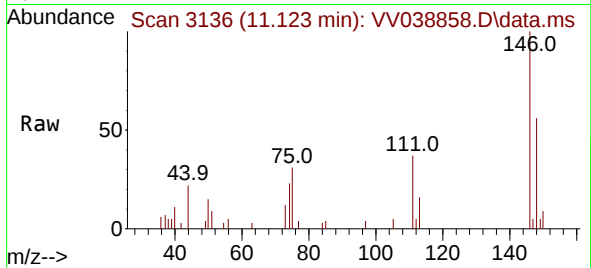
Tgt Ion:119 Resp: 10688
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.0 39.0
 91 30.4 12.4 37.0





#87
1,3-Dichlorobenzene
Concen: 0.640 ug/l
RT: 11.123 min Scan# 3136
Delta R.T. 0.019 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

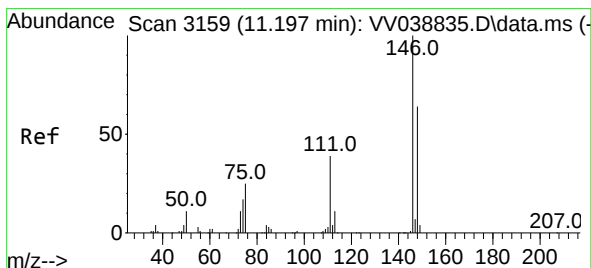
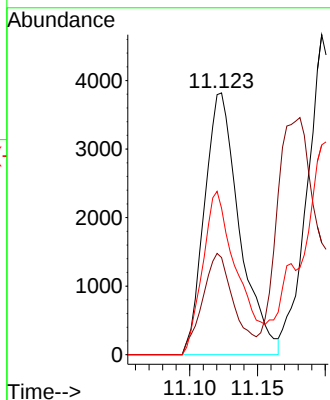
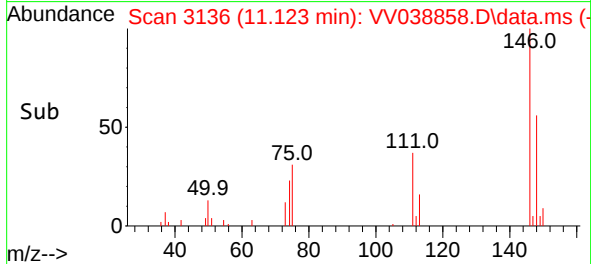
Instrument :
MSVOA_V
ClientSampleId :
MDL01



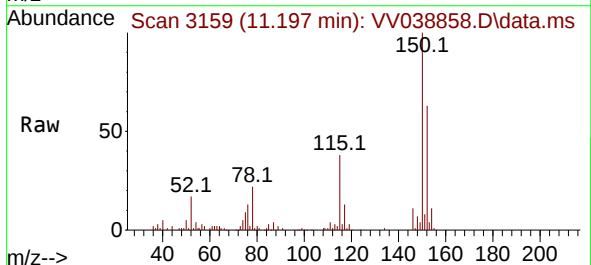
Tgt Ion:146 Resp: 6860
Ion Ratio Lower Upper
146 100
111 35.0 20.2 60.6
148 61.7 31.3 93.8

Manual Integrations
APPROVED

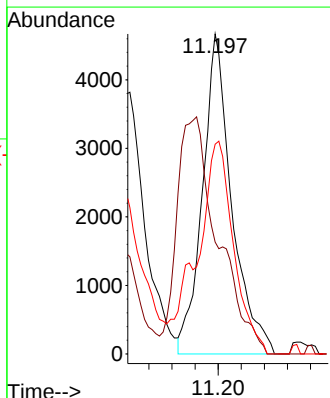
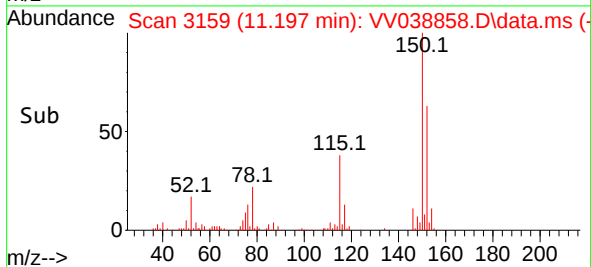
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025

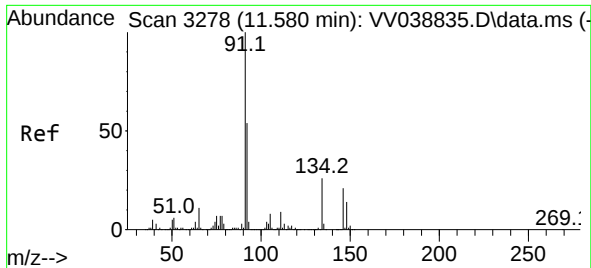


#88
1,4-Dichlorobenzene
Concen: 0.725 ug/l m
RT: 11.197 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52



Tgt Ion:146 Resp: 8202
Ion Ratio Lower Upper
146 100
111 29.3 19.8 59.3
148 51.6 32.0 96.2





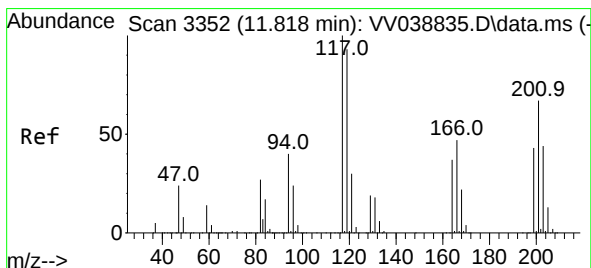
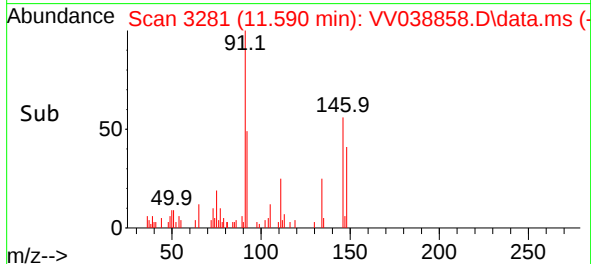
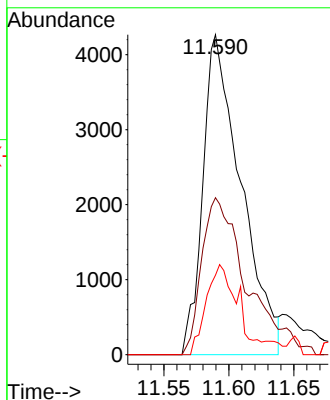
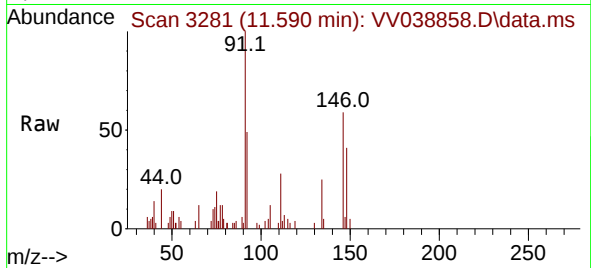
#89
n-Butylbenzene
Concen: 0.474 ug/l
RT: 11.590 min Scan# 3281
Delta R.T. 0.010 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 91	Resp: 871
Ion Ratio	Lower Upper
91 100	
92 58.5	26.7 80.0
134 25.0	12.9 38.7

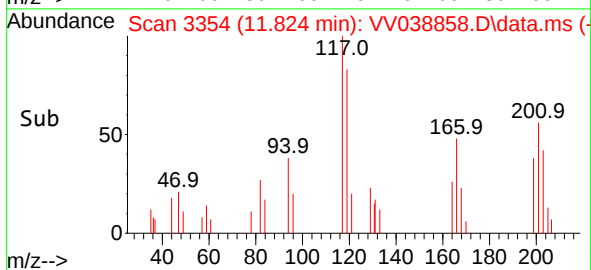
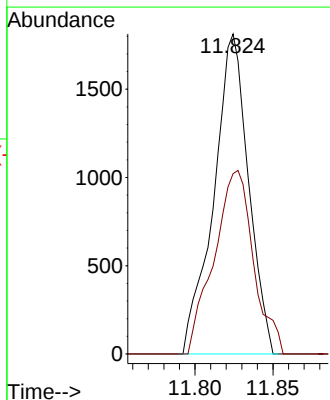
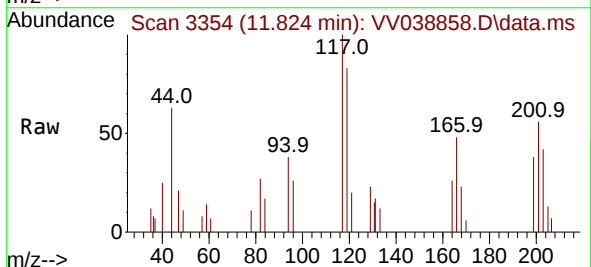
Manual Integrations
APPROVED

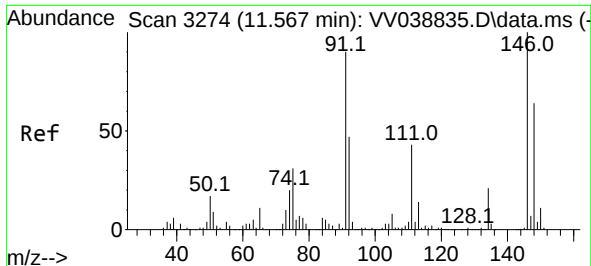
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#90
Hexachloroethane
Concen: 0.654 ug/l
RT: 11.824 min Scan# 3354
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

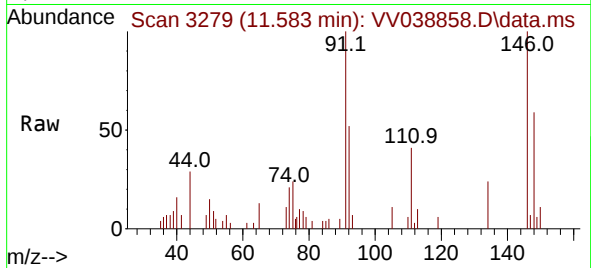
Tgt Ion:117	Resp: 2810
Ion Ratio	Lower Upper
117 100	
201 65.1	34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 0.604 ug/l
RT: 11.583 min Scan# 31
Delta R.T. 0.016 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

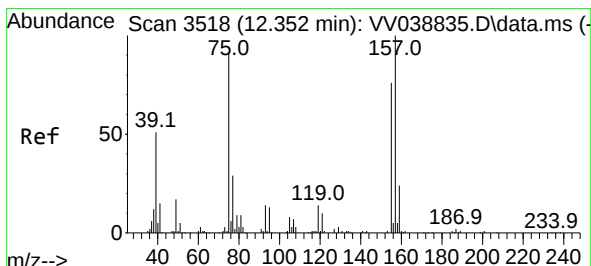
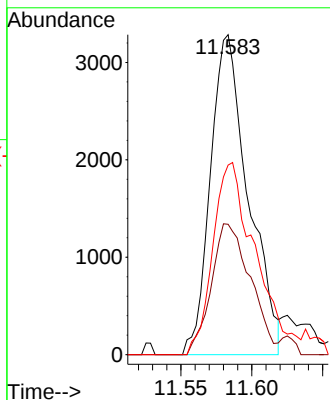
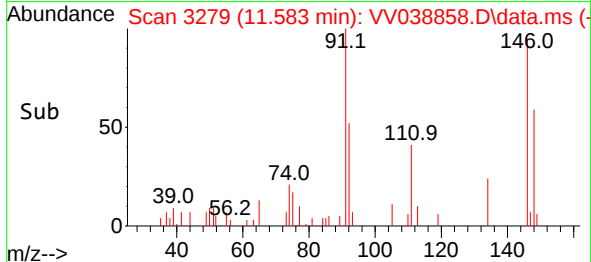
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion:146 Resp: 610
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.7
148 67.7 32.0 96.0

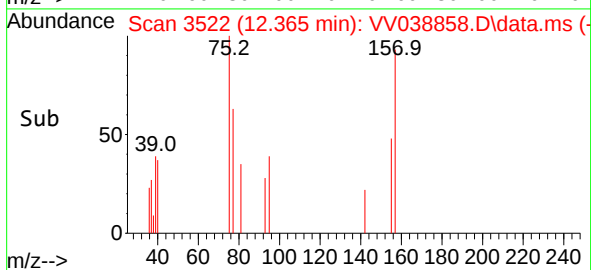
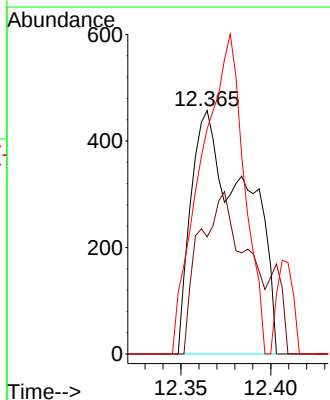
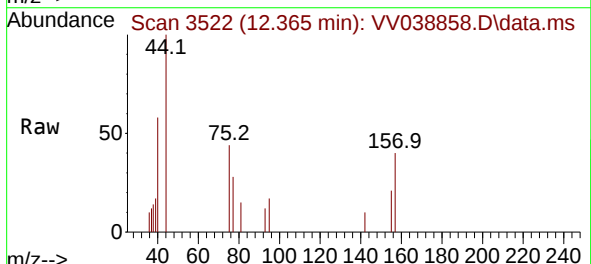
Manual Integrations
APPROVED

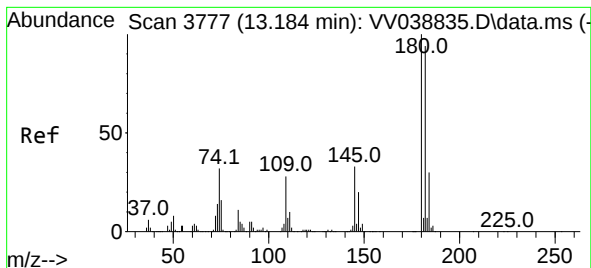
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.613 ug/l m
RT: 12.365 min Scan# 3522
Delta R.T. 0.013 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 75 Resp: 963
Ion Ratio Lower Upper
75 100
155 58.7 43.2 129.6
157 104.0 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 0.556 ug/l

RT: 13.201 min Scan# 3777

Delta R.T. 0.016 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

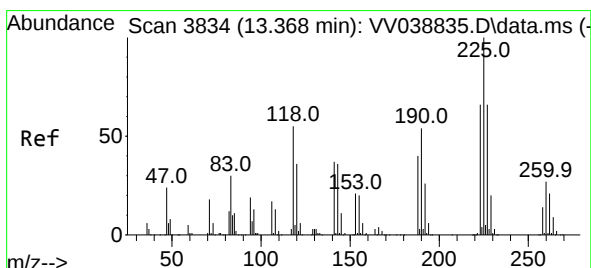
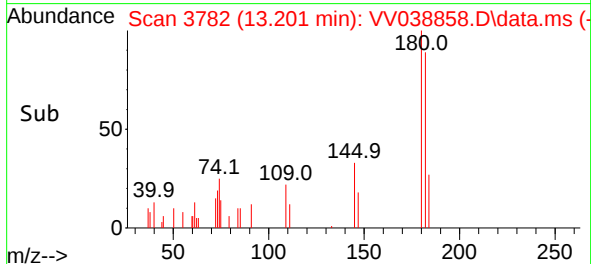
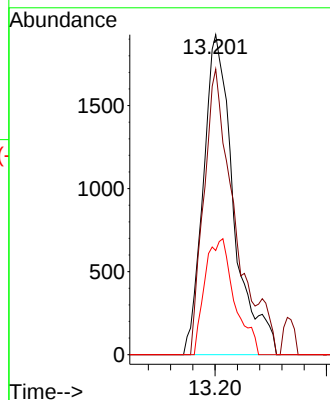
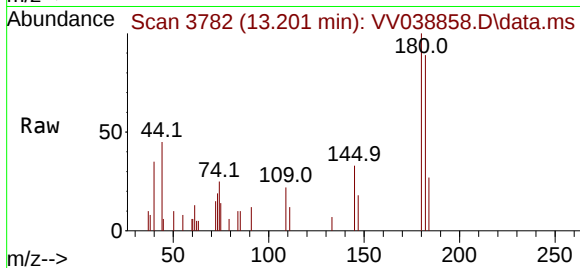
MDL01

Tgt Ion:180	Resp:	364
Ion Ratio	Lower	Upper
180	100	
182	84.1	47.6 142.8
145	35.2	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#94

Hexachlorobutadiene

Concen: 0.631 ug/l

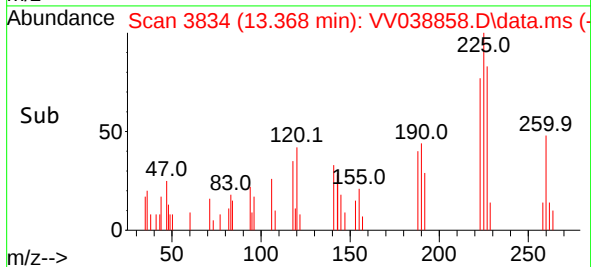
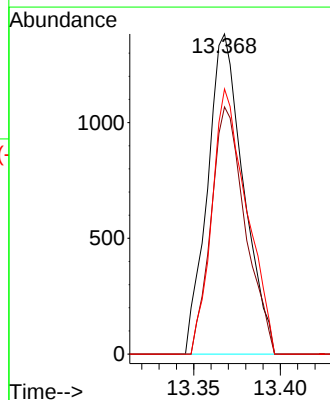
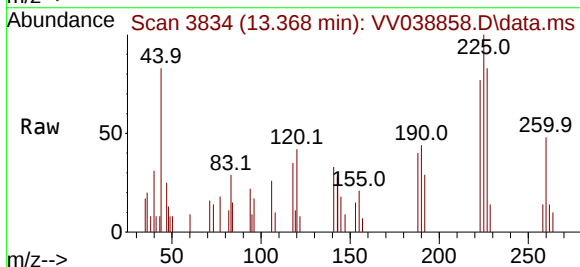
RT: 13.368 min Scan# 3834

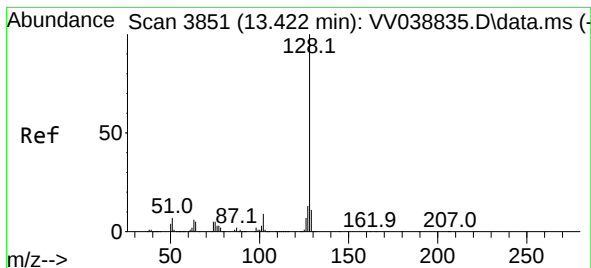
Delta R.T. -0.000 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Tgt Ion:225	Resp:	1997
Ion Ratio	Lower	Upper
225	100	
223	73.4	33.2 99.6
227	80.4	32.3 96.8





#95

Naphthalene

Concen: 0.548 ug/l m

RT: 13.448 min Scan# 3859

Delta R.T. 0.026 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

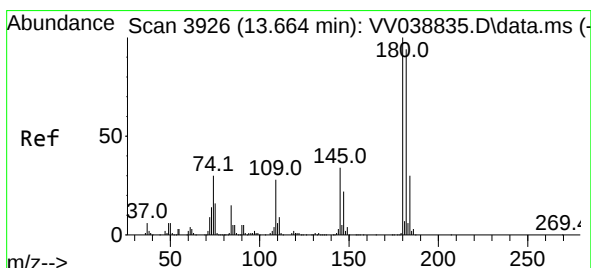
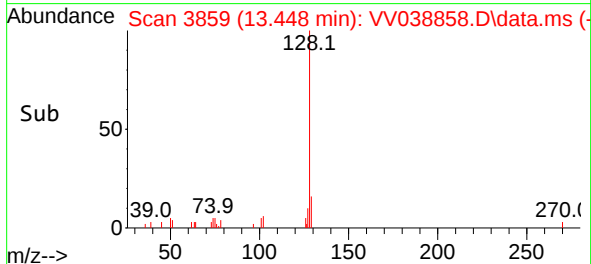
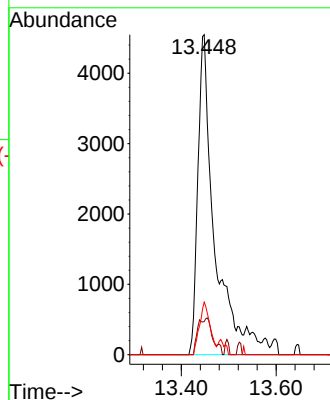
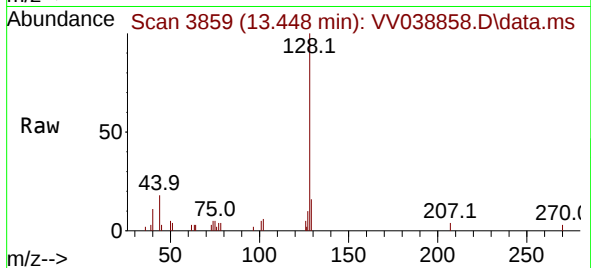
MDL01

Tgt Ion:	128	Resp:	1143
Ion Ratio	Lower	Upper	
128	100		
127	3.8	10.2	15.4
129	10.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#96

1,2,3-Trichlorobenzene

Concen: 0.549 ug/l

RT: 13.676 min Scan# 3930

Delta R.T. 0.013 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Tgt Ion:	180	Resp:	3714
Ion Ratio	Lower	Upper	
180	100		
182	99.7	47.3	141.9
145	19.8	17.1	51.2

