

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071525\
 Data File : VW038897.D
 Acq On : 15 Jul 2025 12:55
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025

Quant Time: Jul 16 02:51:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 02:47:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	542252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	960363	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	892194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	397166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	378810	57.176	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 114.360%			
35) Dibromofluoromethane	4.500	113	317236	48.450	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 96.900%			
50) Toluene-d8	7.236	98	1039589	52.526	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 105.060%			
62) 4-Bromofluorobenzene	10.001	95	387180	48.562	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 97.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	2682	0.563	ug/l	88
3) Chloromethane	1.227	50	3288	0.639	ug/l	91
4) Vinyl Chloride	1.294	62	3605	0.612	ug/l #	85
5) Bromomethane	1.494	94	4126	0.934	ug/l	85
6) Chloroethane	1.558	64	2484	0.631	ug/l	96
7) Trichlorofluoromethane	1.725	101	5725	0.549	ug/l	86
8) Diethyl Ether	1.915	74	2240	0.598	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.079	101	3231	0.519	ug/l #	92
10) Methyl Iodide	2.195	142	3276	0.458	ug/l #	89
11) Tert butyl alcohol	2.564	59	4755m	3.117	ug/l	
12) 1,1-Dichloroethene	2.082	96	3222	0.568	ug/l	96
13) Acrolein	2.005	56	563	2.552	ug/l #	56
14) Allyl chloride	2.355	41	6226	0.688	ug/l #	75
15) Acrylonitrile	2.680	53	11194	2.868	ug/l	88
16) Acetone	2.124	43	6850	2.389	ug/l #	84
17) Carbon Disulfide	2.253	76	8131	0.687	ug/l #	89
18) Methyl Acetate	2.388	43	5001	0.516	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	11304	0.531	ug/l	95
20) Methylene Chloride	2.452	84	5533	0.761	ug/l #	81
21) trans-1,2-Dichloroethene	2.703	96	3933	0.651	ug/l	91
22) Diisopropyl ether	3.220	45	8674	0.480	ug/l #	41
23) Vinyl Acetate	3.204	43	34631	2.444	ug/l	99
24) 1,1-Dichloroethane	3.121	63	6930	0.586	ug/l #	91
25) 2-Butanone	3.950	43	11149m	2.713	ug/l	
26) 2,2-Dichloropropane	3.812	77	4982	0.481	ug/l	83
27) cis-1,2-Dichloroethene	3.831	96	3411m	0.492	ug/l	
28) Bromochloromethane	4.162	49	3370m	0.736	ug/l	
29) Tetrahydrofuran	4.259	42	6857m	2.532	ug/l	
30) Chloroform	4.281	83	6189	0.474	ug/l #	82
31) Cyclohexane	4.593	56	15465	1.991	ug/l #	30
32) 1,1,1-Trichloroethane	4.516	97	5723	0.503	ug/l #	41
36) 1,1-Dichloropropene	4.764	75	4739m	0.630	ug/l	
37) Ethyl Acetate	4.018	43	4749m	0.536	ug/l	
38) Carbon Tetrachloride	4.741	117	6130m	0.613	ug/l	
39) Methylcyclohexane	6.056	83	4990	0.562	ug/l #	78
40) Benzene	5.031	78	11739	0.460	ug/l #	88

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 02:47:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.230	41	1147m	0.282	ug/l	
42) 1,2-Dichloroethane	5.059	62	5031	0.517	ug/l	80
43) Isopropyl Acetate	5.233	43	6310m	0.450	ug/l	
44) Trichloroethene	5.850	130	3247	0.487	ug/l	100
45) 1,2-Dichloropropane	6.111	63	3200m	0.475	ug/l	
46) Dibromomethane	6.249	93	2488	0.477	ug/l #	85
47) Bromodichloromethane	6.449	83	4838	0.437	ug/l #	96
48) Methyl methacrylate	6.387	41	2632m	0.433	ug/l	
49) 1,4-Dioxane	6.333	88	1306m	9.968	ug/l	
51) 4-Methyl-2-Pentanone	7.162	43	22281m	2.335	ug/l	
52) Toluene	7.320	92	7919m	0.493	ug/l	
53) t-1,3-Dichloropropene	7.616	75	4720m	0.471	ug/l	
54) cis-1,3-Dichloropropene	6.973	75	4028m	0.372	ug/l	
55) 1,1,2-Trichloroethane	7.780	97	3517	0.458	ug/l	96
56) Ethyl methacrylate	7.760	69	3675m	0.403	ug/l	
57) 1,3-Dichloropropane	7.953	76	5251	0.456	ug/l #	58
58) 2-Chloroethyl Vinyl ether	6.850	63	8068m	1.465	ug/l	
59) 2-Hexanone	8.104	43	12369m	1.742	ug/l	
60) Dibromochloromethane	8.178	129	3648	0.403	ug/l	89
61) 1,2-Dibromoethane	8.291	107	2939	0.380	ug/l	86
64) Tetrachloroethene	7.902	164	3218	0.550	ug/l #	82
65) Chlorobenzene	8.809	112	10184	0.522	ug/l	89
66) 1,1,1,2-Tetrachloroethane	8.908	131	3054	0.393	ug/l #	60
67) Ethyl Benzene	8.950	91	12142	0.419	ug/l	97
68) m/p-Xylenes	9.079	106	8285	0.735	ug/l	99
69) o-Xylene	9.481	106	3886	0.365	ug/l	98
70) Styrene	9.516	104	7078m	0.376	ug/l	
71) Bromoform	9.664	173	2948	0.467	ug/l #	98
73) Isopropylbenzene	9.863	105	10969	0.462	ug/l	94
74) N-amyl acetate	9.760	43	3803m	0.437	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.175	83	5932	0.597	ug/l	98
76) 1,2,3-Trichloropropane	10.210	75	3450m	0.467	ug/l	
77) Bromobenzene	10.156	156	3584	0.576	ug/l	91
78) n-propylbenzene	10.291	91	15271	0.551	ug/l	92
79) 2-Chlorotoluene	10.358	91	8204	0.465	ug/l	91
80) 1,3,5-Trimethylbenzene	10.474	105	9550	0.477	ug/l	94
81) trans-1,4-Dichloro-2-b...	9.940	75	1595m	0.527	ug/l	
82) 4-Chlorotoluene	10.480	91	9724	0.493	ug/l	92
83) tert-Butylbenzene	10.792	119	10494	0.500	ug/l	98
84) 1,2,4-Trimethylbenzene	10.850	105	9008	0.457	ug/l	96
85) sec-Butylbenzene	11.014	105	12356	0.461	ug/l	97
86) p-Isopropyltoluene	11.175	119	11160	0.491	ug/l	88
87) 1,3-Dichlorobenzene	11.117	146	6654	0.524	ug/l	95
88) 1,4-Dichlorobenzene	11.198	146	8043m	0.582	ug/l	
89) n-Butylbenzene	11.593	91	9449	0.455	ug/l	93
90) Hexachloroethane	11.818	117	2773	0.513	ug/l	95
91) 1,2-Dichlorobenzene	11.580	146	6789	0.550	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.368	75	1278	0.569	ug/l	63
93) 1,2,4-Trichlorobenzene	13.201	180	3279	0.450	ug/l	91
94) Hexachlorobutadiene	13.371	225	2202	0.587	ug/l	95
95) Naphthalene	13.445	128	11197m	0.468	ug/l	
96) 1,2,3-Trichlorobenzene	13.680	180	3520	0.466	ug/l	86

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Jul 16 02:47:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

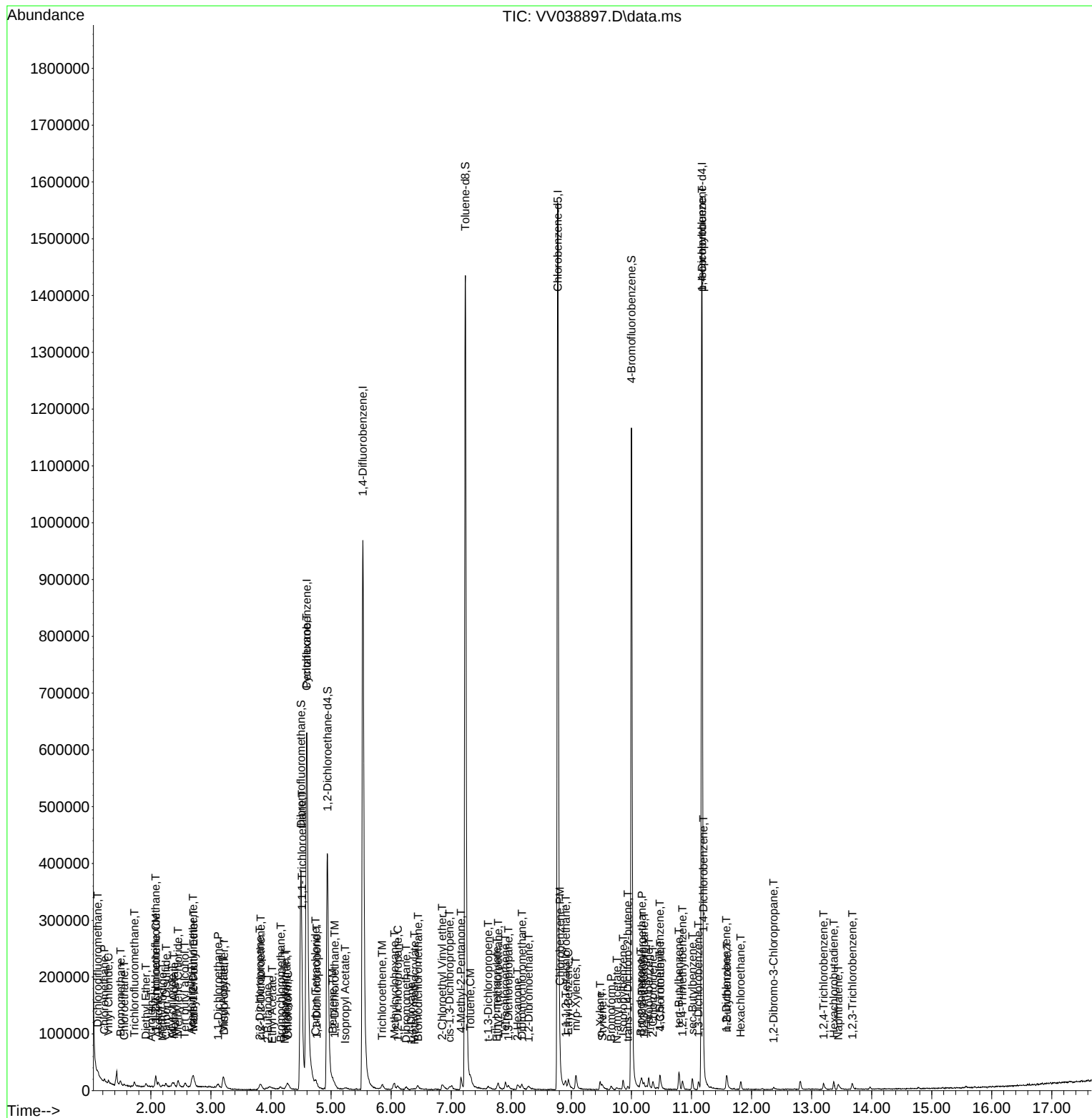
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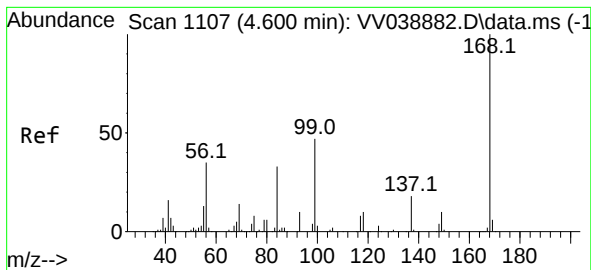
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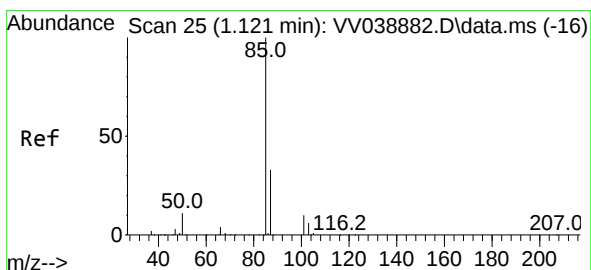
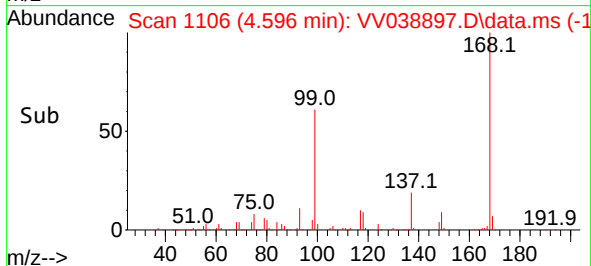
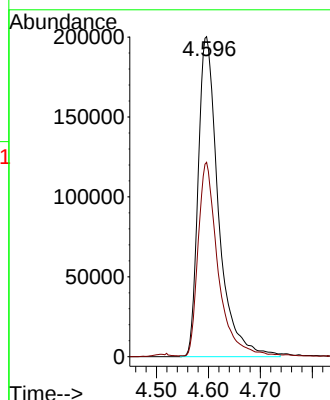
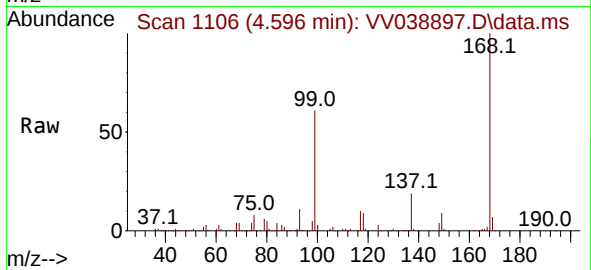
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:168 Resp: 54225
Ion Ratio Lower Upper
168 100
99 60.5 48.6 73.0

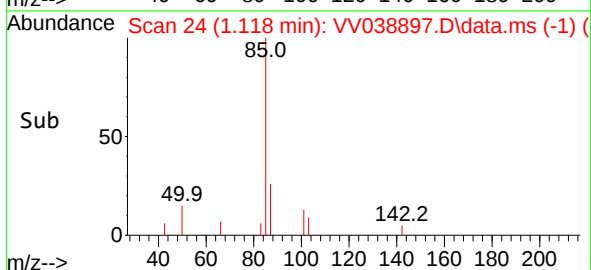
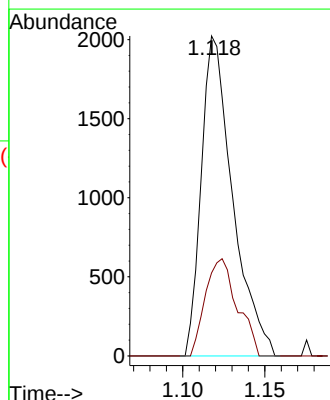
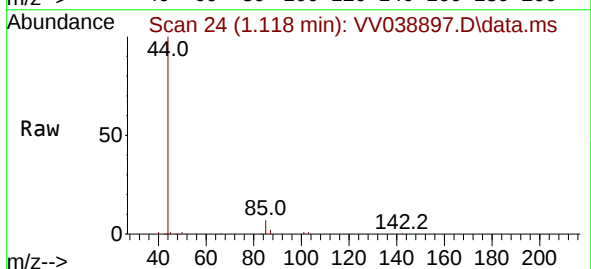
Manual Integrations
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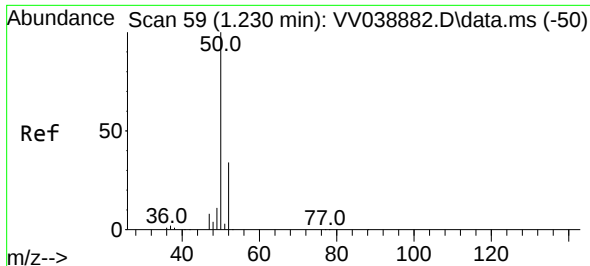
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#2
Dichlorodifluoromethane
Concen: 0.563 ug/l
RT: 1.118 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 85 Resp: 2682
Ion Ratio Lower Upper
85 100
87 26.0 16.3 48.8





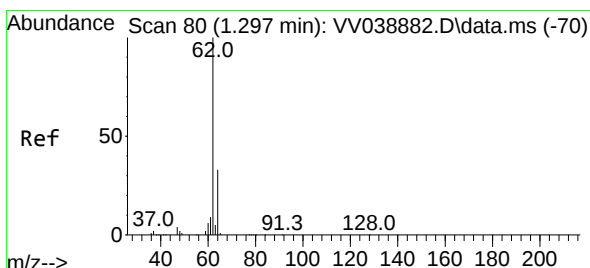
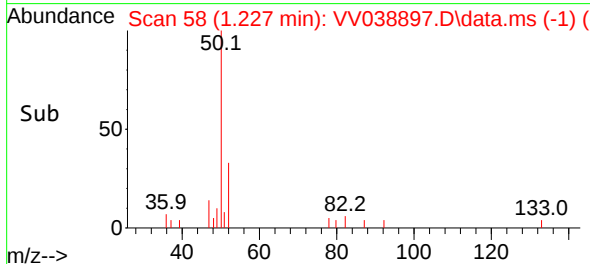
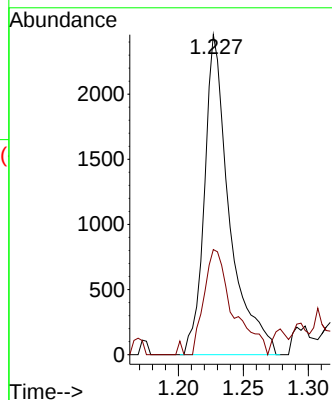
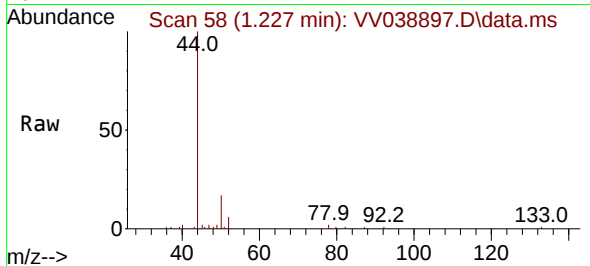
#3
Chloromethane
Concen: 0.639 ug/l
RT: 1.227 min Scan# 50
Delta R.T. -0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 50 Resp: 328
Ion Ratio Lower Upper
50 100
52 28.6 26.9 40.3

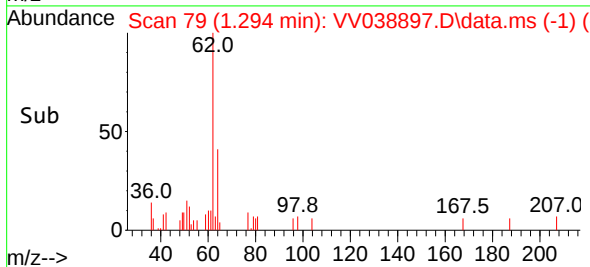
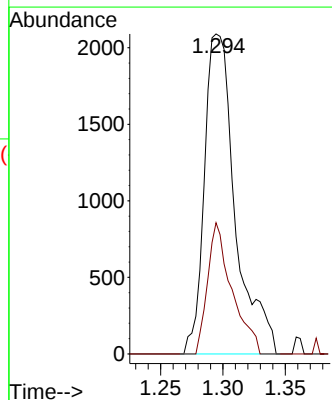
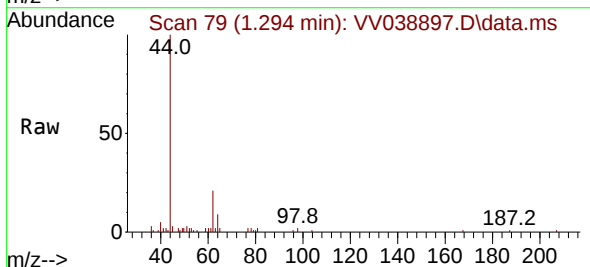
Manual Integrations
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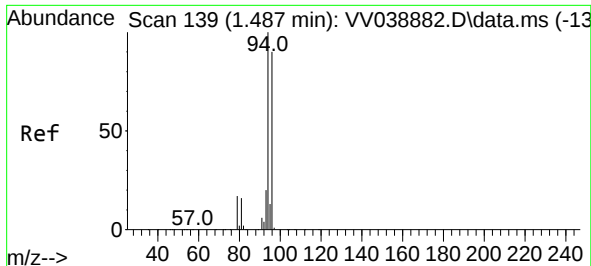
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#4
Vinyl Chloride
Concen: 0.612 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

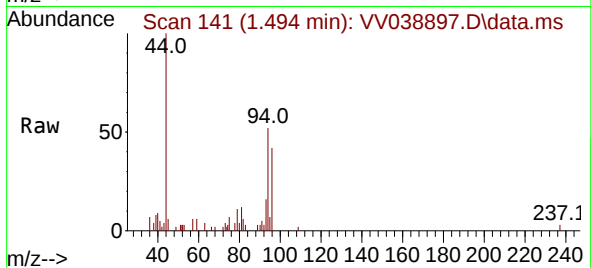
Tgt Ion: 62 Resp: 3605
Ion Ratio Lower Upper
62 100
64 41.0 26.2 39.2#





#5
Bromomethane
Concen: 0.934 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.007 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

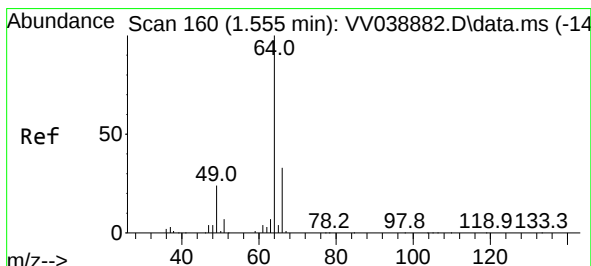
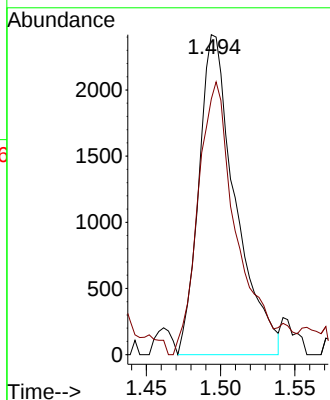
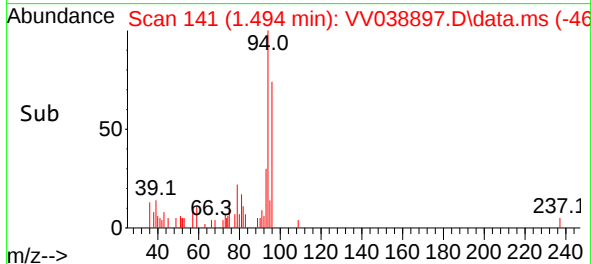
Instrument :
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Tgt Ion: 94 Resp: 4120
Ion Ratio Lower Upper
94 100
96 75.3 71.9 107.9

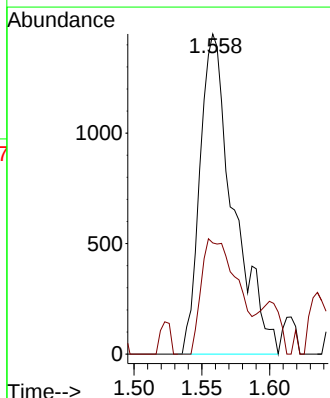
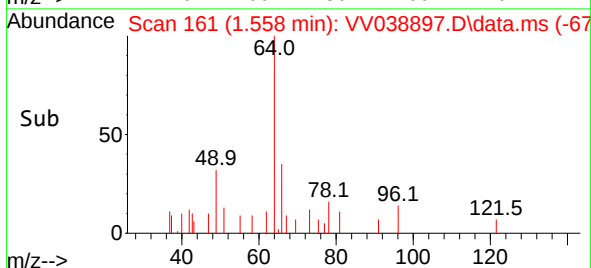
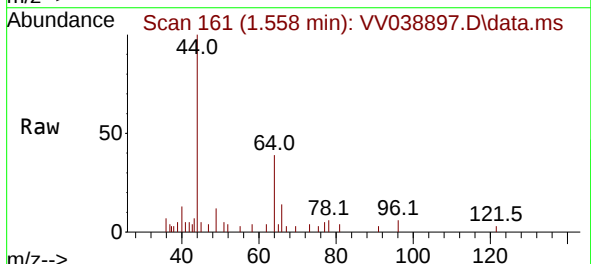
Manual Integrations
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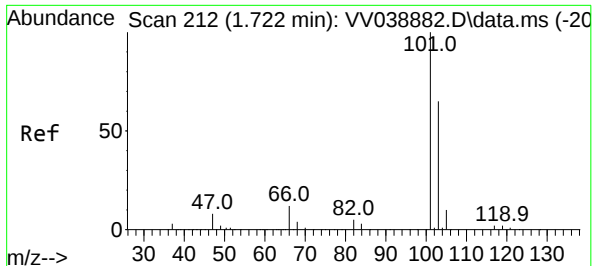
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#6
Chloroethane
Concen: 0.631 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 64 Resp: 2484
Ion Ratio Lower Upper
64 100
66 34.7 26.2 39.2





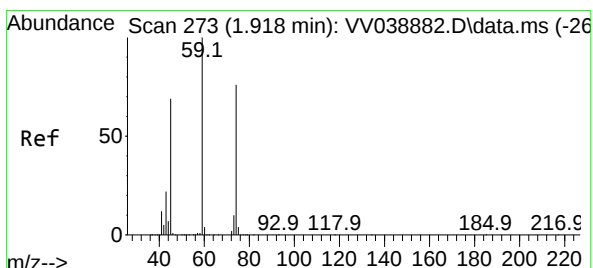
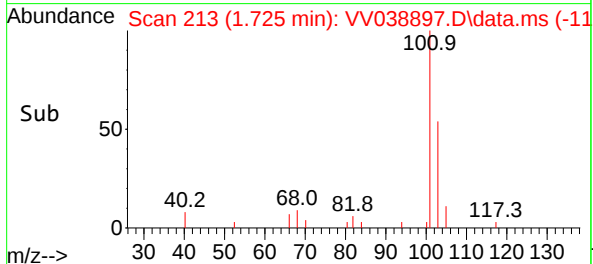
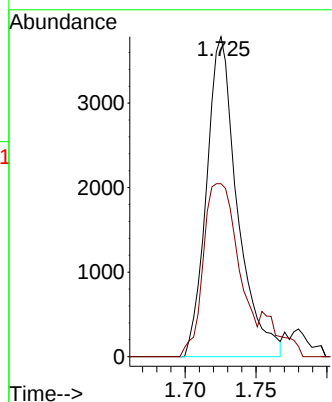
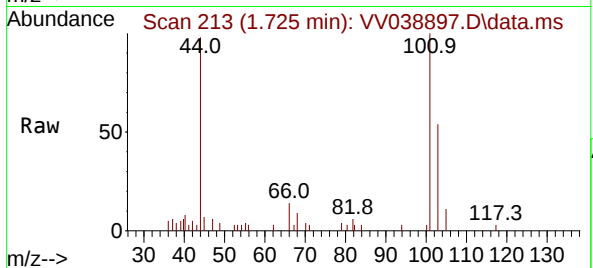
#7
Trichlorofluoromethane
Concen: 0.549 ug/l
RT: 1.725 min Scan# 212
Delta R.T. 0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:101 Resp: 572
Ion Ratio Lower Upper
101 100
103 54.0 51.8 77.6

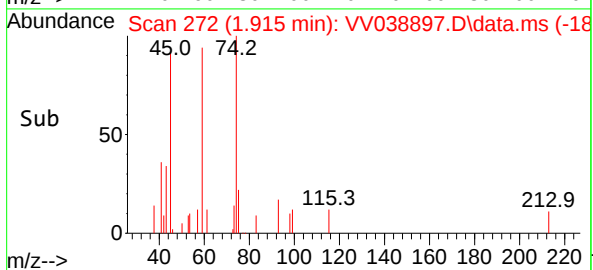
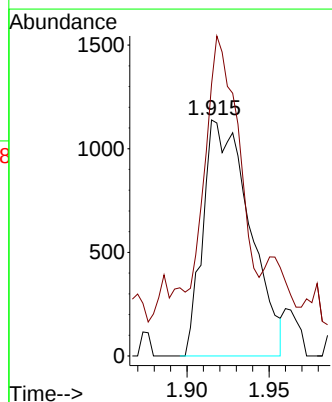
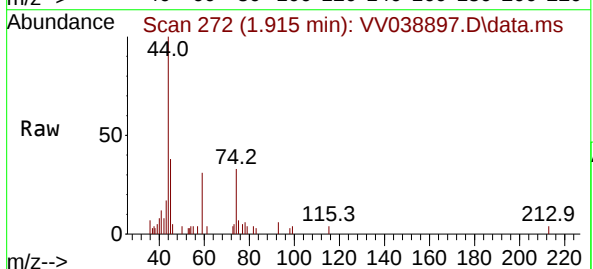
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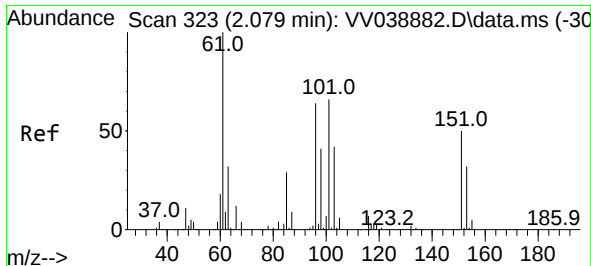
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#8
Diethyl Ether
Concen: 0.598 ug/l
RT: 1.915 min Scan# 272
Delta R.T. -0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 74 Resp: 2240
Ion Ratio Lower Upper
74 100
45 72.9 45.5 136.5





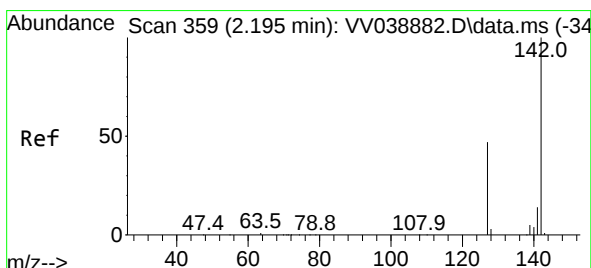
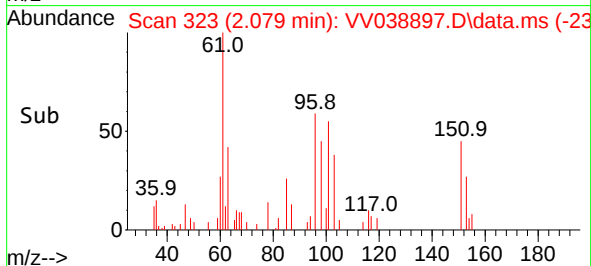
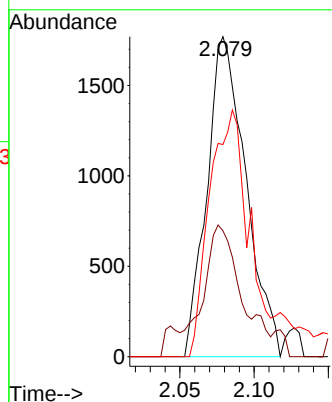
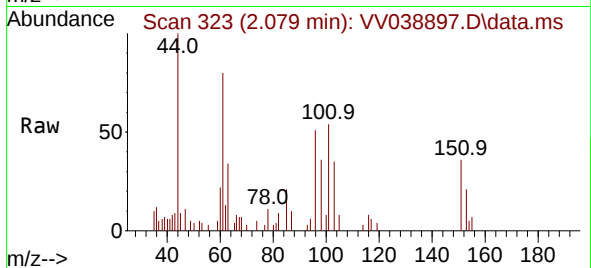
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.519 ug/l
RT: 2.079 min Scan# 323
Delta R.T. 0.000 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:101 Resp: 323
Ion Ratio Lower Upper
101 100
85 32.7 35.0 52.6
151 76.9 60.1 90.1

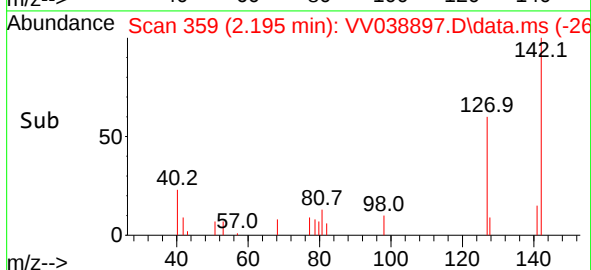
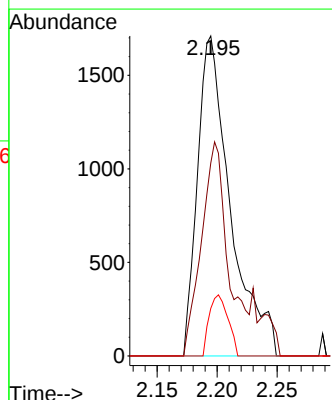
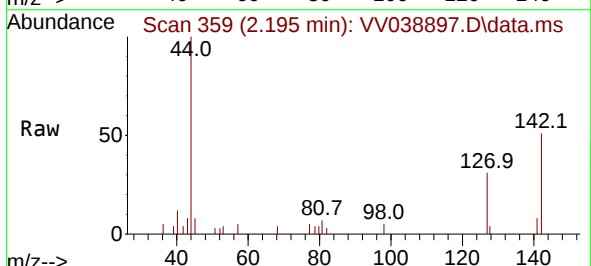
Manual Integrations
APPROVED

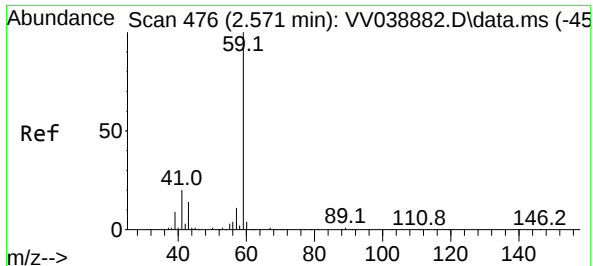
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#10
Methyl Iodide
Concen: 0.458 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

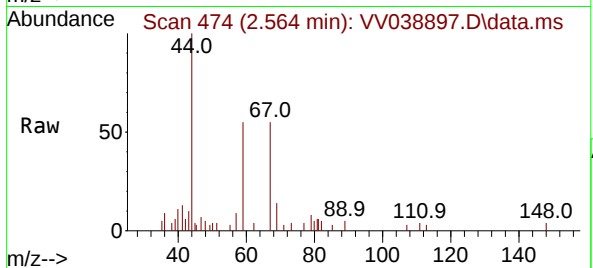
Tgt Ion:142 Resp: 3276
Ion Ratio Lower Upper
142 100
127 54.3 37.3 55.9
141 10.8 11.2 16.8#





#11
Tert butyl alcohol
Concen: 3.117 ug/l m
RT: 2.564 min Scan# 476
Delta R.T. -0.006 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

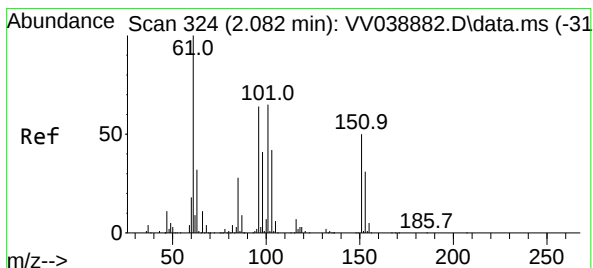
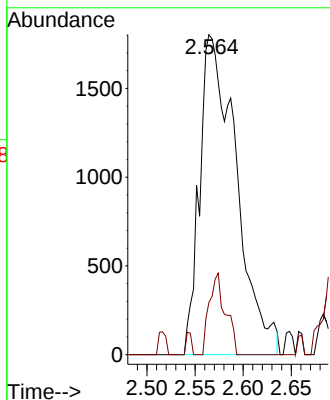
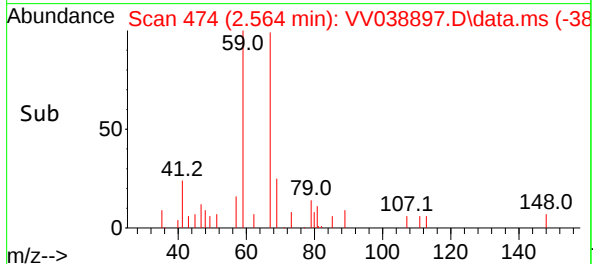
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 59 Resp: 4758
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

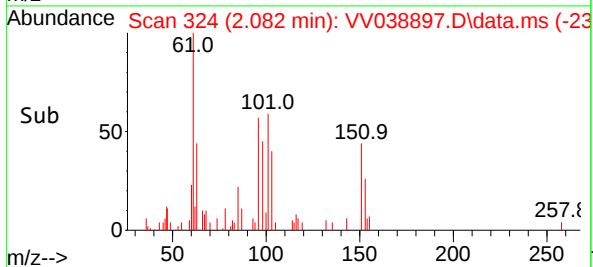
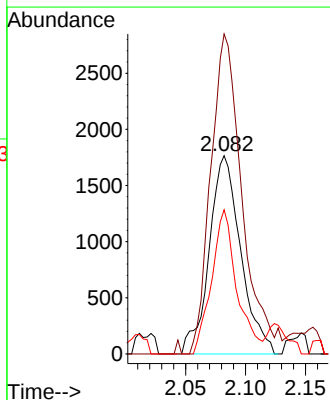
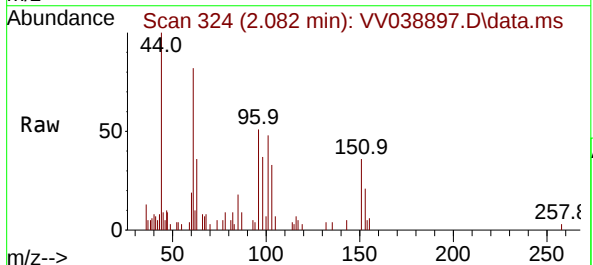
Manual Integrations
APPROVED

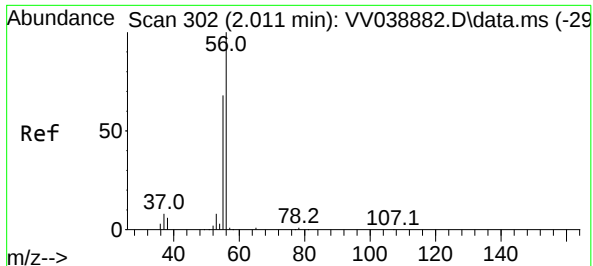
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#12
1,1-Dichloroethene
Concen: 0.568 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

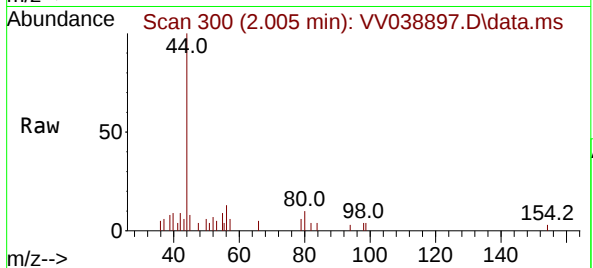
Tgt Ion: 96 Resp: 3222
Ion Ratio Lower Upper
96 100
61 154.4 124.1 186.1
98 72.7 50.6 75.8





#13
Acrolein
Concen: 2.552 ug/l
RT: 2.005 min Scan# 302
Delta R.T. -0.006 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

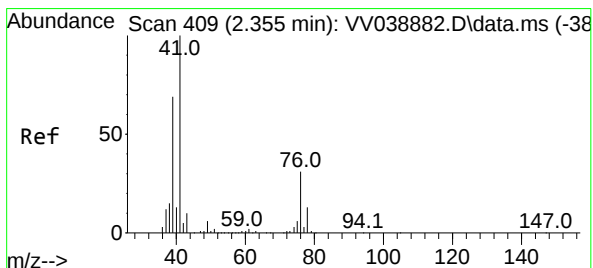
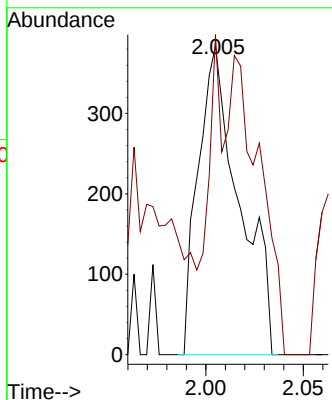
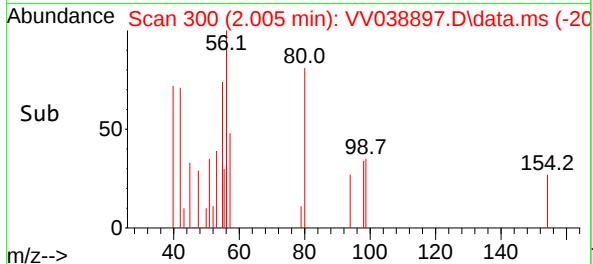
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 56 Resp: 56.1
Ion Ratio Lower Upper
56 100
55 34.3 56.7 85.1

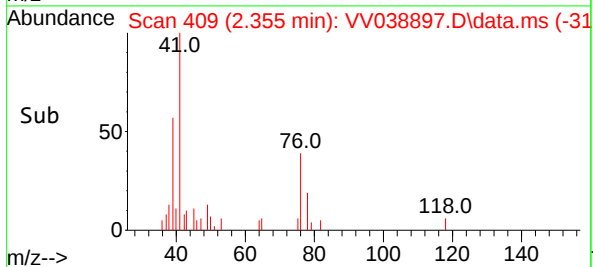
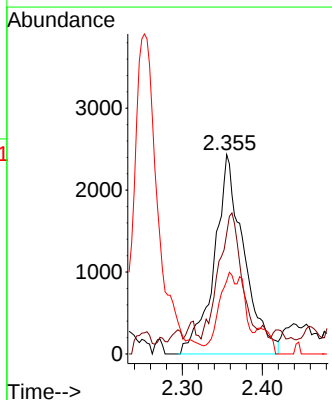
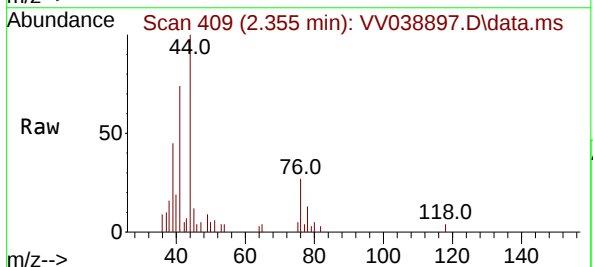
Manual Integrations
APPROVED

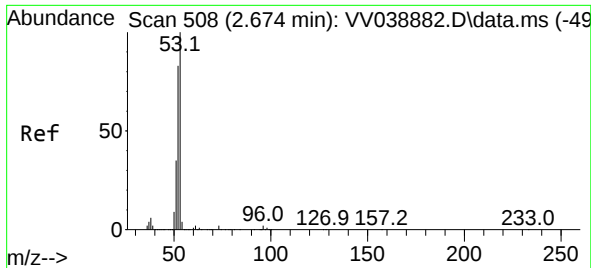
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#14
Allyl chloride
Concen: 0.688 ug/l
RT: 2.355 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

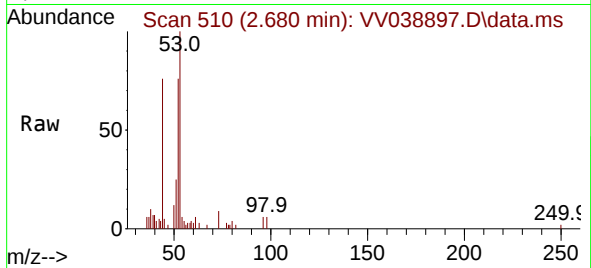
Tgt Ion: 41 Resp: 6226
Ion Ratio Lower Upper
41 100
39 47.6 50.6 76.0#
76 18.1 30.4 45.6#





#15
Acrylonitrile
Concen: 2.868 ug/l
RT: 2.680 min Scan# 511
Delta R.T. 0.007 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

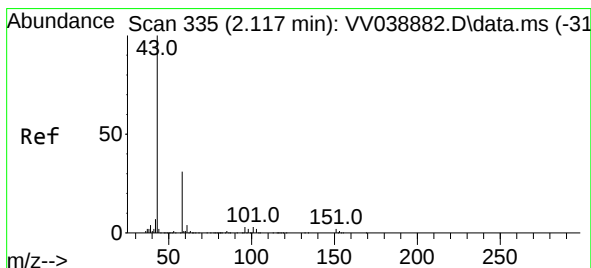
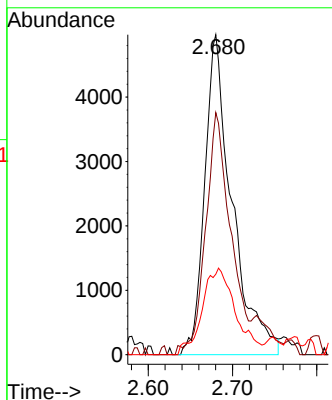
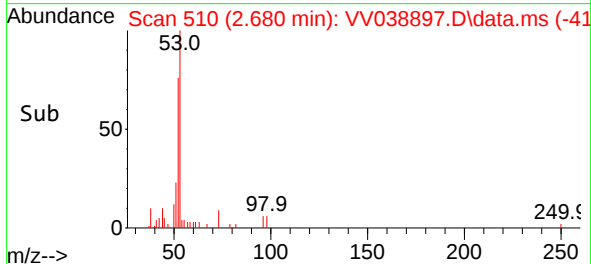
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 53 Resp: 11194
Ion Ratio Lower Upper
53 100
52 69.6 66.6 99.8
51 33.0 28.7 43.1

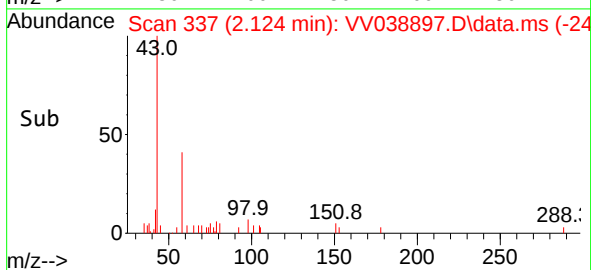
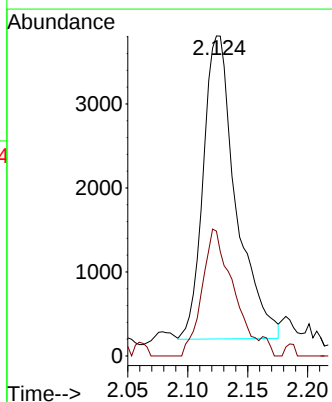
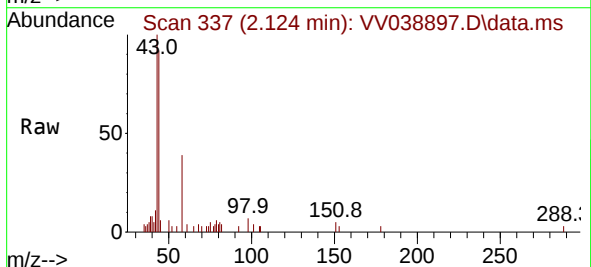
Manual Integrations
APPROVED

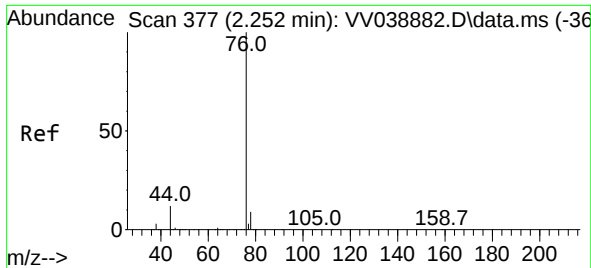
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#16
Acetone
Concen: 2.389 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 43 Resp: 6850
Ion Ratio Lower Upper
43 100
58 41.3 25.8 38.6#





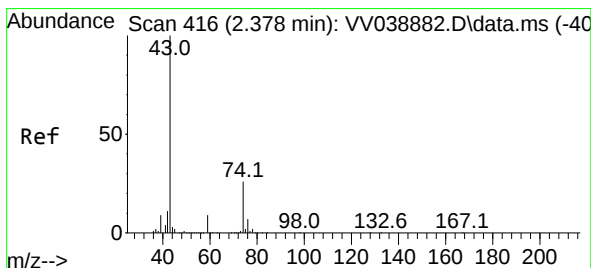
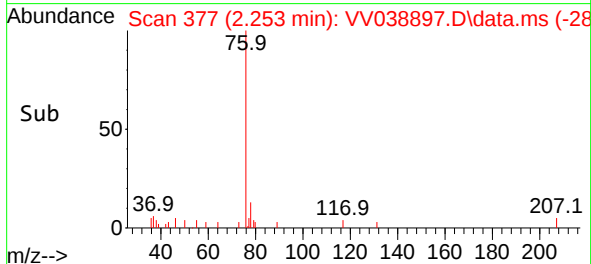
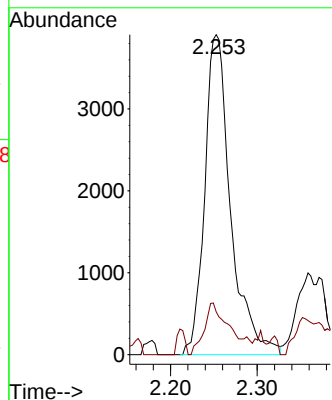
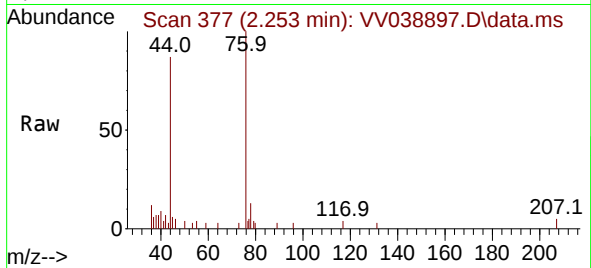
#17
Carbon Disulfide
Concen: 0.687 ug/l
RT: 2.253 min Scan# 313
Delta R.T. 0.001 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 76 Resp: 813
Ion Ratio Lower Upper
76 100
78 13.4 7.4 11.2

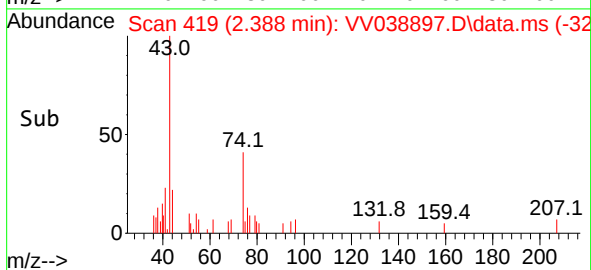
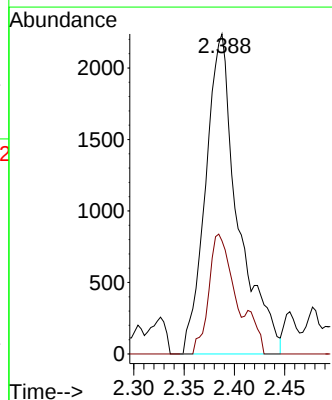
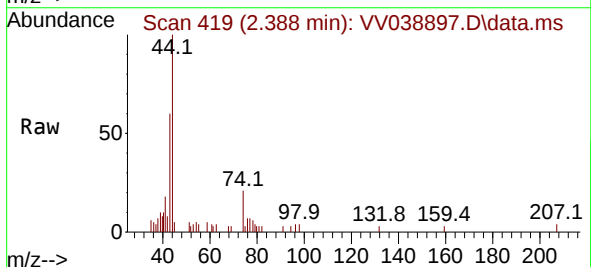
Manual Integrations
APPROVED

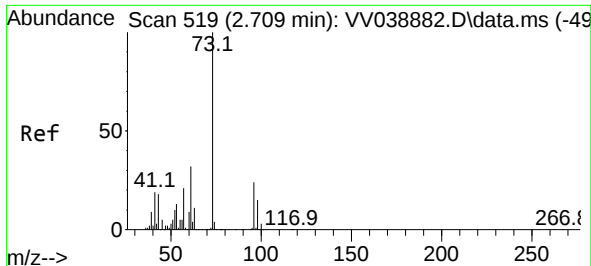
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#18
Methyl Acetate
Concen: 0.516 ug/l
RT: 2.388 min Scan# 419
Delta R.T. 0.010 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 43 Resp: 5001
Ion Ratio Lower Upper
43 100
74 27.2 21.1 31.7





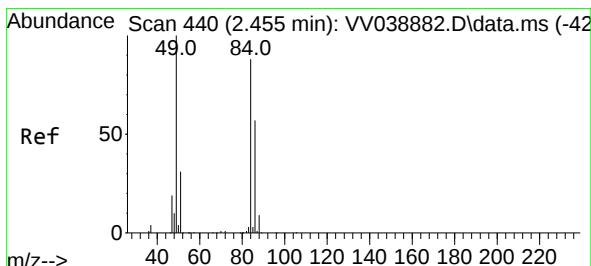
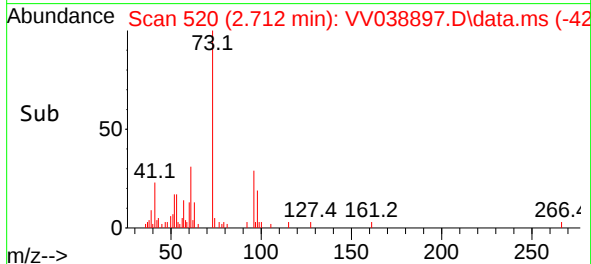
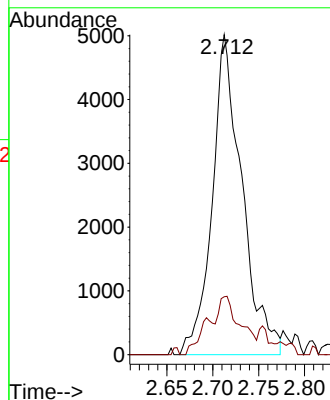
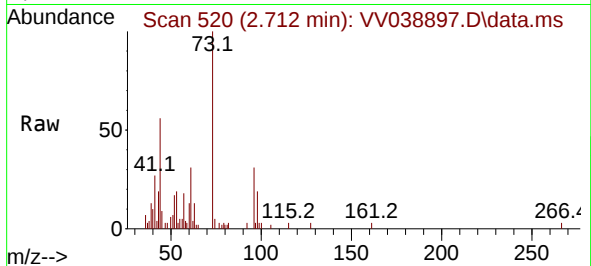
#19
Methyl tert-butyl Ether
Concen: 0.531 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 73 Resp: 11304
Ion Ratio Lower Upper
73 100
57 18.1 16.5 24.7

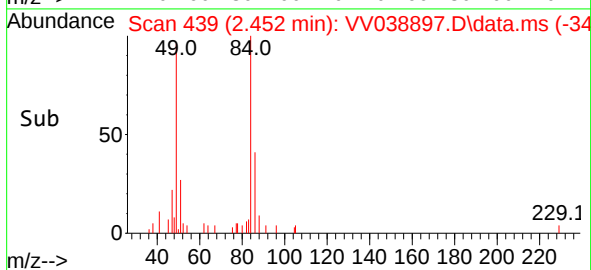
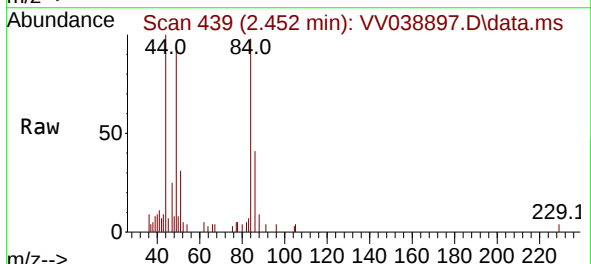
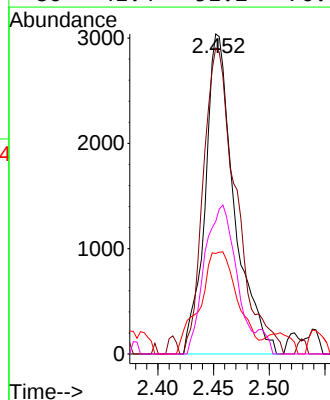
Manual Integrations
APPROVED

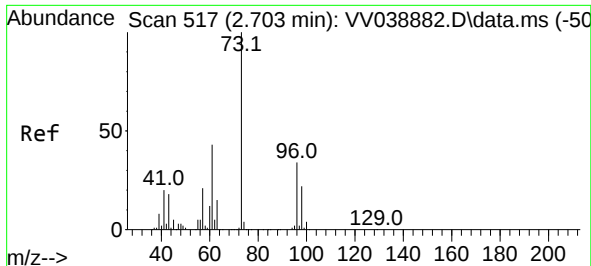
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#20
Methylene Chloride
Concen: 0.761 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

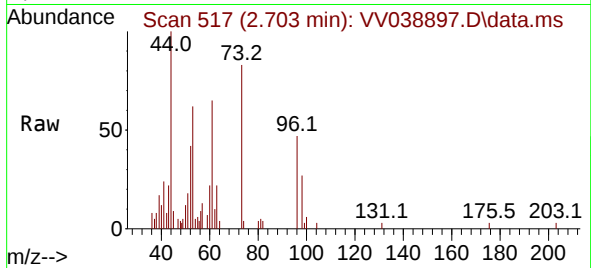
Tgt Ion: 84 Resp: 5533
Ion Ratio Lower Upper
84 100
49 95.6 90.5 135.7
51 27.9 27.8 41.6
86 41.4 51.2 76.8#





#21
trans-1,2-Dichloroethene
Concen: 0.651 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

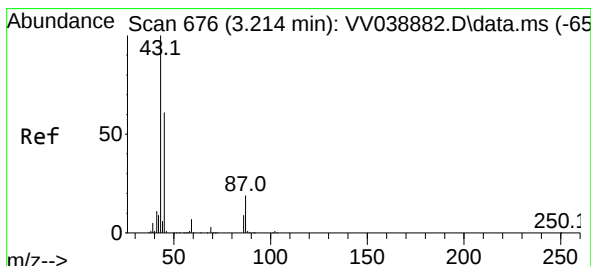
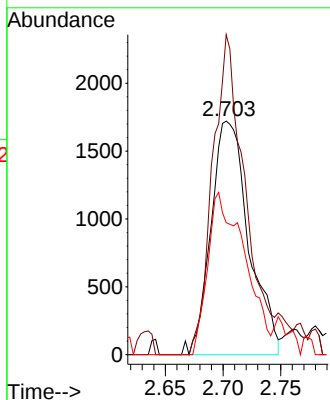
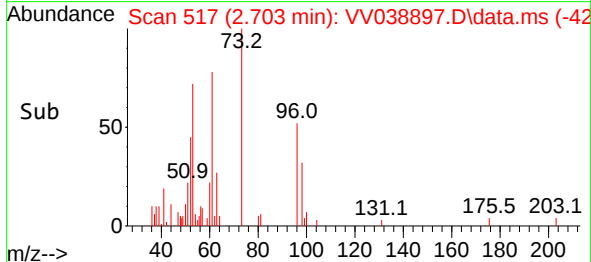
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 96 Resp: 393
Ion Ratio Lower Upper
96 100
61 137.0 102.0 153.0
98 56.5 51.0 76.6

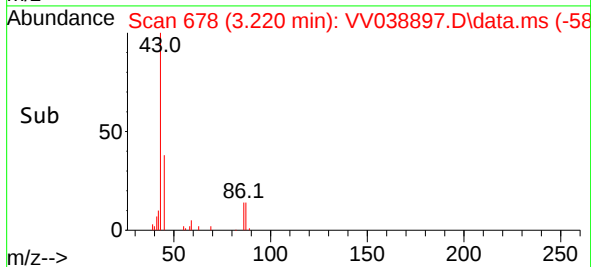
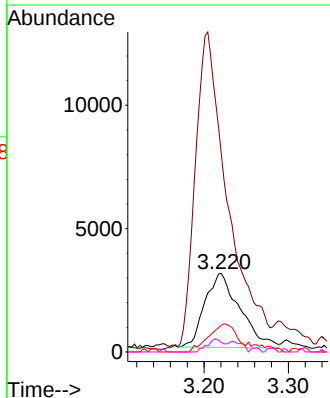
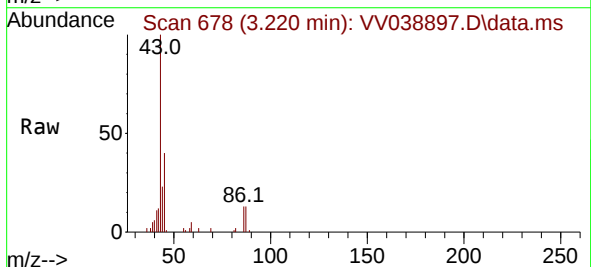
Manual Integrations
APPROVED

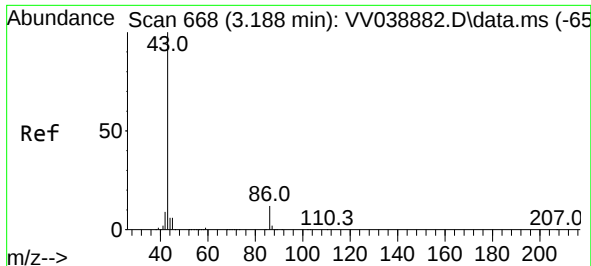
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#22
Diisopropyl ether
Concen: 0.480 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.007 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

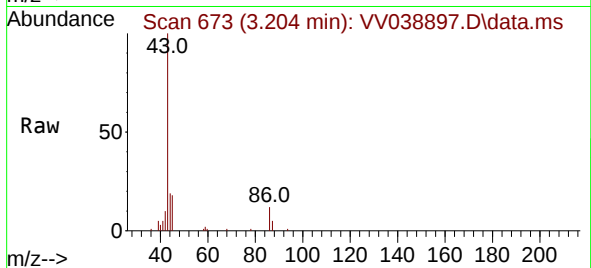
Tgt Ion: 45 Resp: 8674
Ion Ratio Lower Upper
45 100
43 263.0 132.1 198.1#
87 36.1 25.0 37.4
59 13.1 9.8 14.8





#23
 Vinyl Acetate
 Concen: 2.444 ug/l
 RT: 3.204 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VV038897.D
 Acq: 15 Jul 2025 12:55

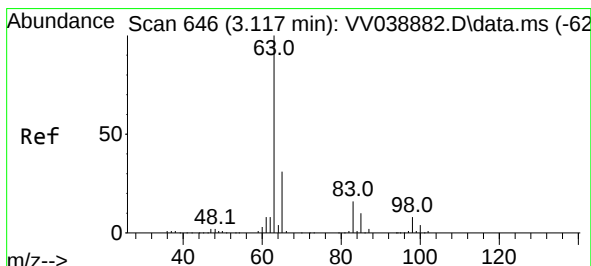
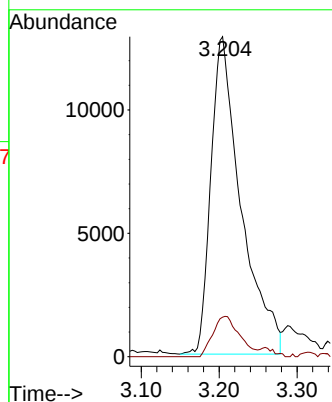
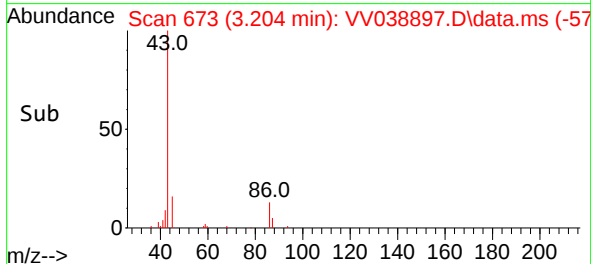
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01



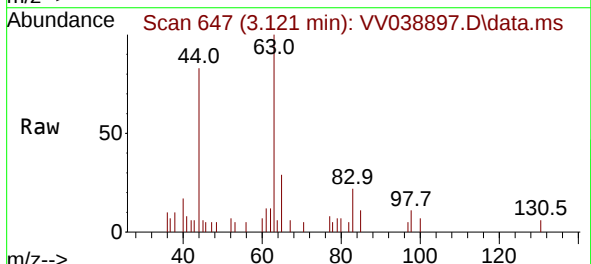
Tgt Ion: 43 Resp: 3463
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.6

Manual Integrations
 APPROVED

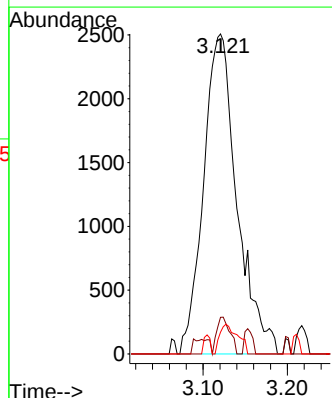
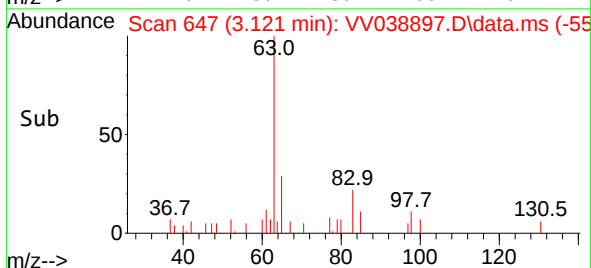
Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025

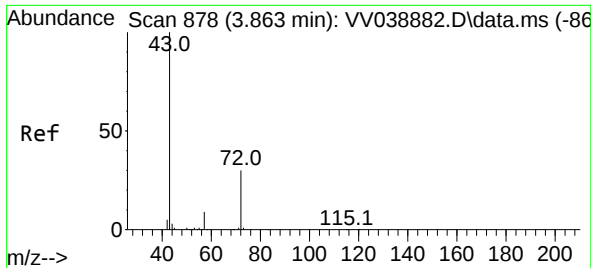


#24
 1,1-Dichloroethane
 Concen: 0.586 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038897.D
 Acq: 15 Jul 2025 12:55



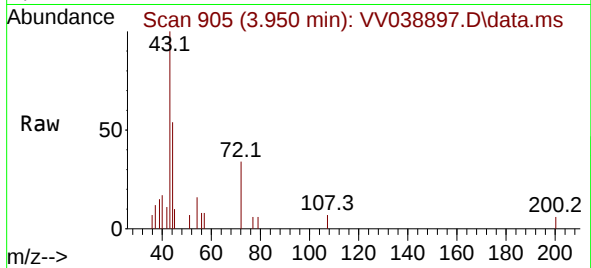
Tgt Ion: 63 Resp: 6930
 Ion Ratio Lower Upper
 63 100
 98 11.5 3.9 11.7
 100 6.8 2.2 6.6#





#25
2-Butanone
Concen: 2.713 ug/l m
RT: 3.950 min Scan# 905
Delta R.T. 0.087 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

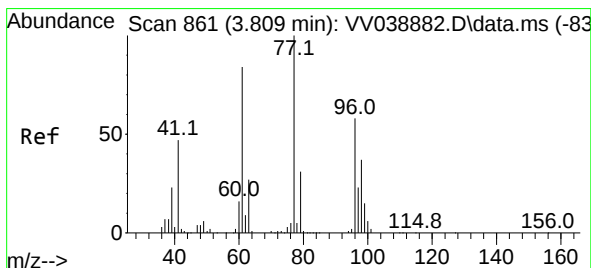
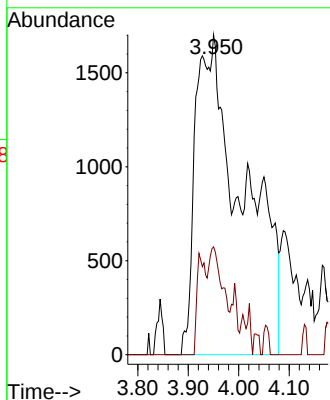
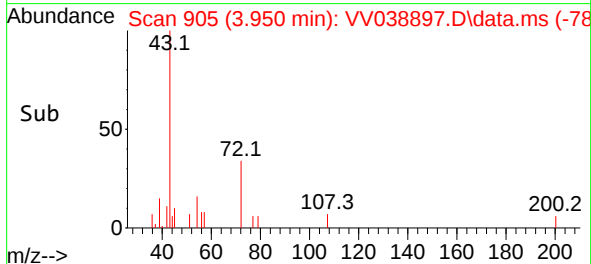
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 43 Resp: 11149
Ion Ratio Lower Upper
43 100
72 33.7 23.9 35.9

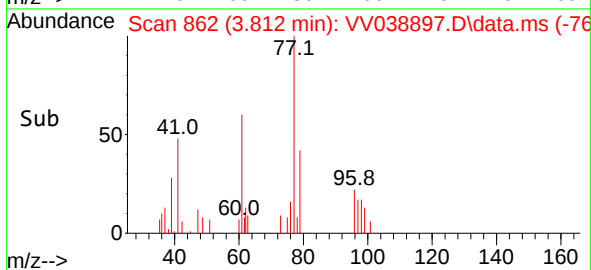
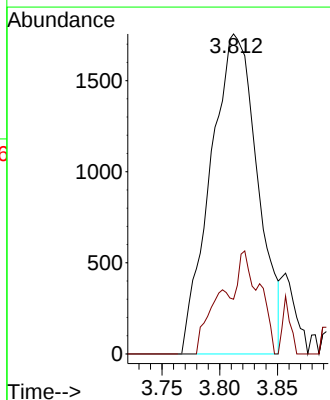
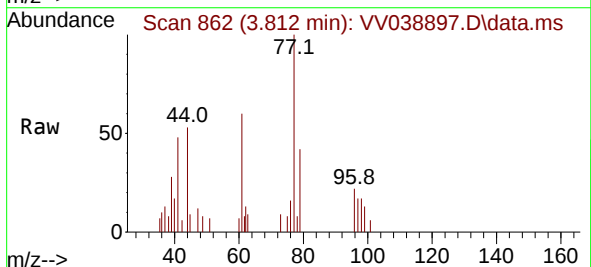
Manual Integrations
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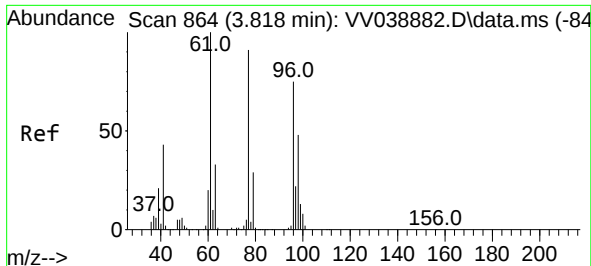
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#26
2,2-Dichloropropane
Concen: 0.481 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

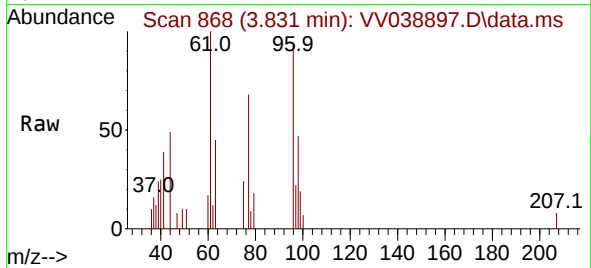
Tgt Ion: 77 Resp: 4982
Ion Ratio Lower Upper
77 100
97 14.8 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 0.492 ug/l m
 RT: 3.831 min Scan# 868
 Delta R.T. 0.013 min
 Lab File: VV038897.D
 Acq: 15 Jul 2025 12:55

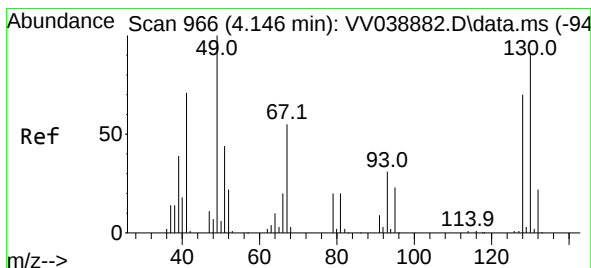
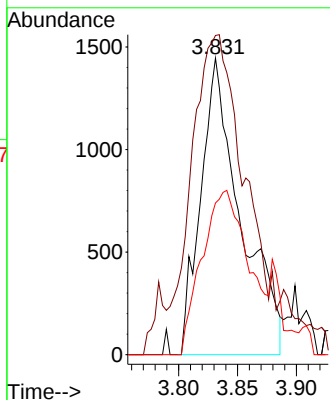
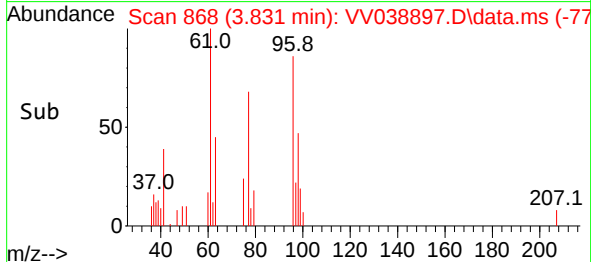
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01



Tgt Ion: 96 Resp: 341
 Ion Ratio Lower Upper
 96 100
 61 123.7 0.0 275.0
 98 65.3 0.0 130.0

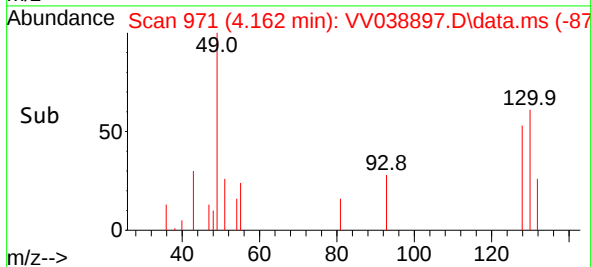
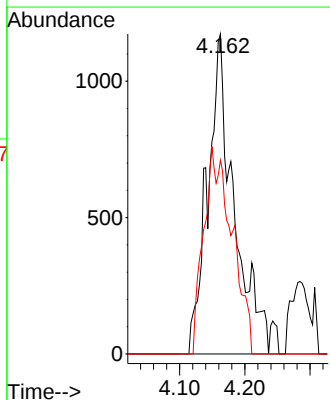
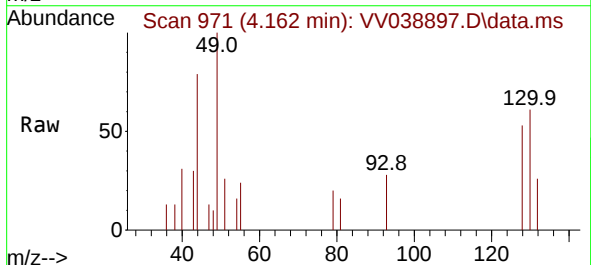
Manual Integrations
 APPROVED

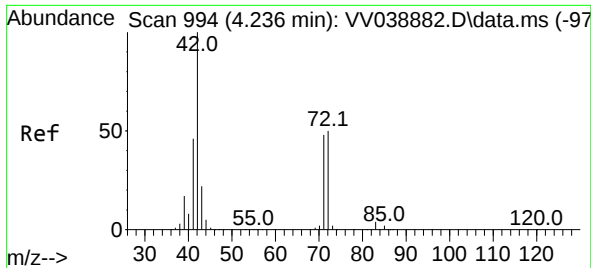
Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025



#28
 Bromochloromethane
 Concen: 0.736 ug/l m
 RT: 4.162 min Scan# 971
 Delta R.T. 0.016 min
 Lab File: VV038897.D
 Acq: 15 Jul 2025 12:55

Tgt Ion: 49 Resp: 3370
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 30.8 70.1 105.1#





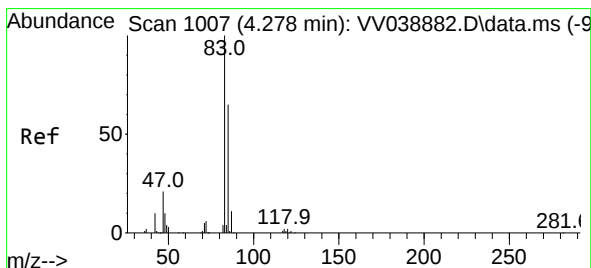
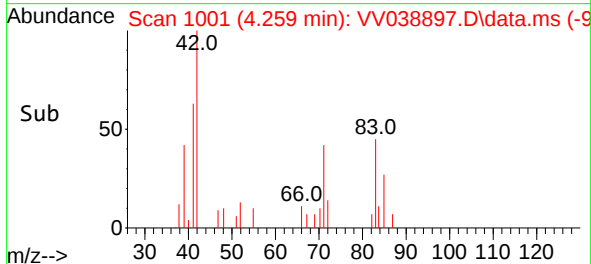
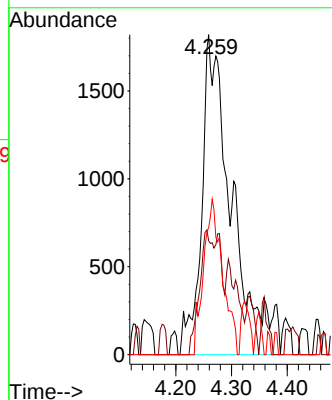
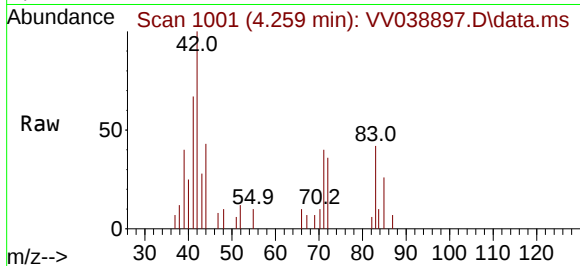
#29
Tetrahydrofuran
Concen: 2.532 ug/l m
RT: 4.259 min Scan# 1001
Delta R.T. 0.023 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 42 Resp: 685
Ion Ratio Lower Upper
42 100
72 0.0 41.6 62.4
71 0.0 38.4 57.6

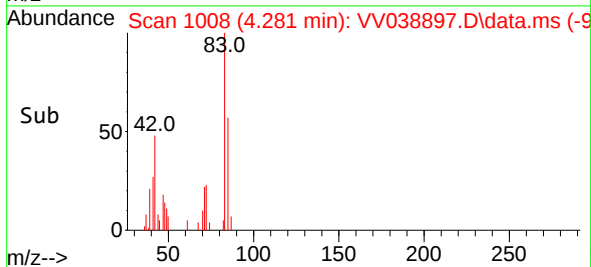
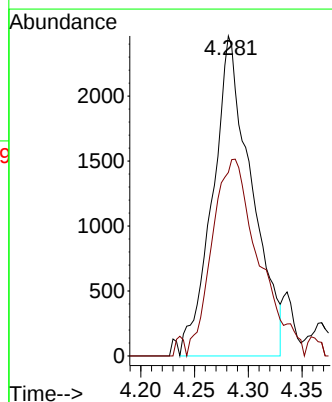
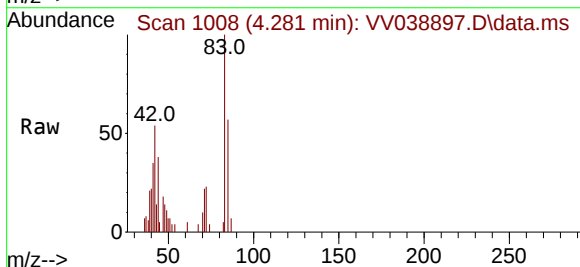
Manual Integrations
APPROVED

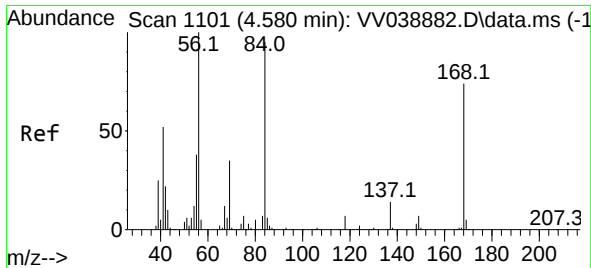
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#30
Chloroform
Concen: 0.474 ug/l
RT: 4.281 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

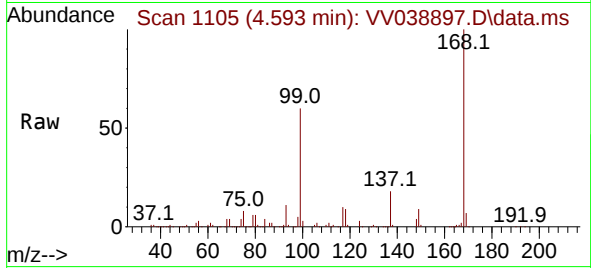
Tgt Ion: 83 Resp: 6189
Ion Ratio Lower Upper
83 100
85 51.2 52.2 78.4





#31
Cyclohexane
Concen: 1.991 ug/l
RT: 4.593 min Scan# 1101
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

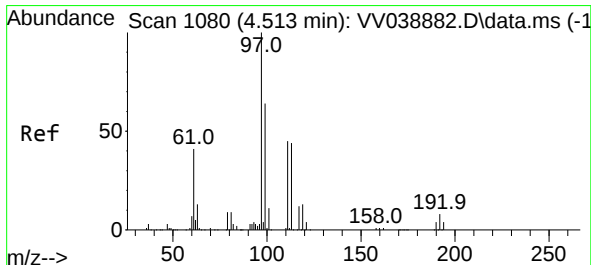
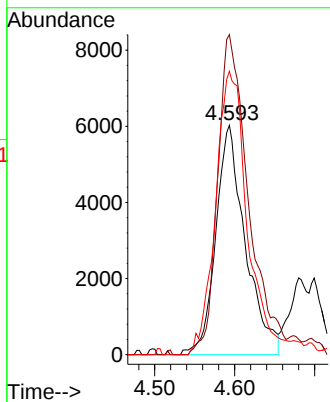
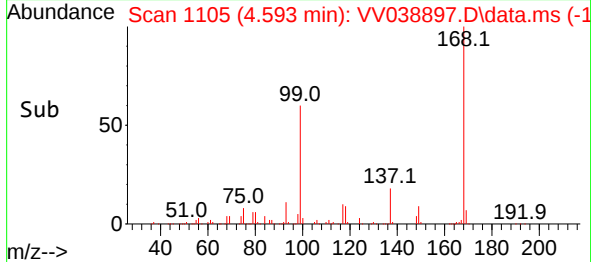
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 56 Resp: 1546
Ion Ratio Lower Upper
56 100
69 139.5 28.2 42.2
84 123.5 76.0 114.0

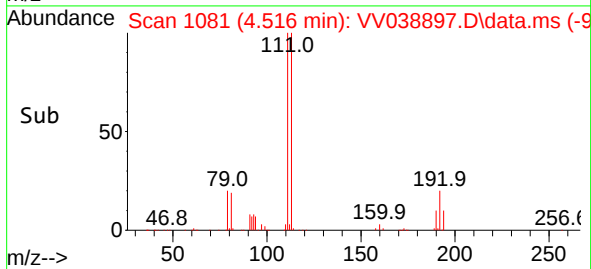
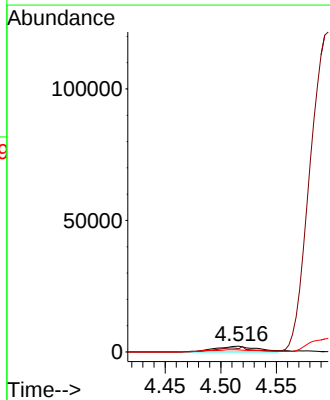
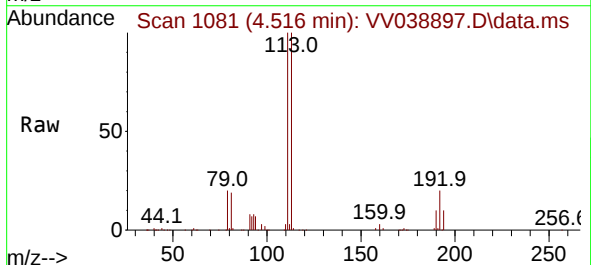
Manual Integrations
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Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#32
1,1,1-Trichloroethane
Concen: 0.503 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 97 Resp: 5723
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1#
61 25.2 32.6 49.0#





#33

1,2-Dichloroethane-d4

Concen: 57.176 ug/l

RT: 4.941 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 65 Resp: 378810

Ion Ratio Lower Upper

65 100

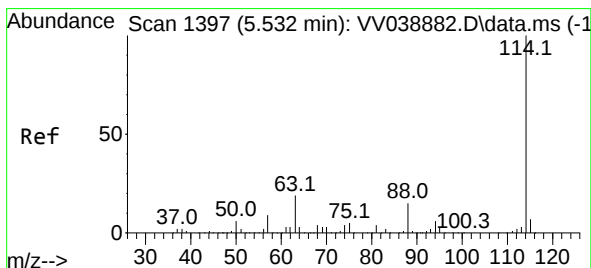
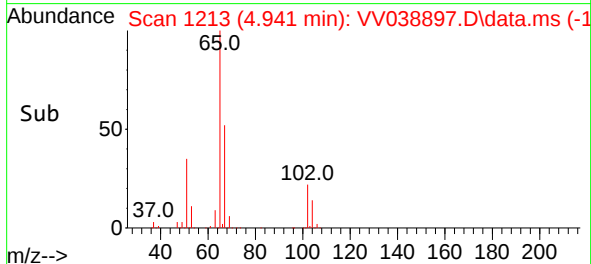
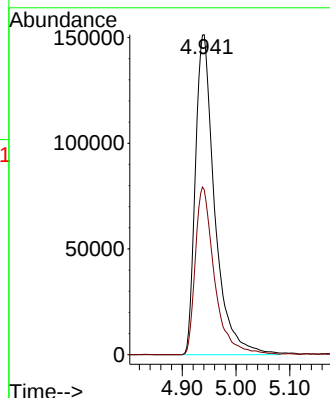
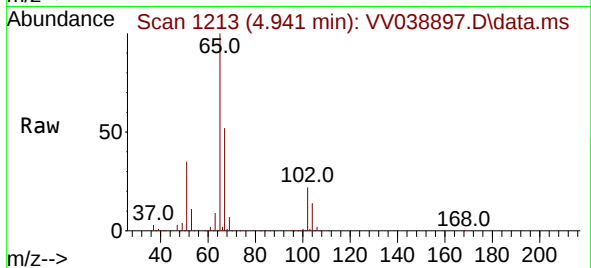
67 52.0 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

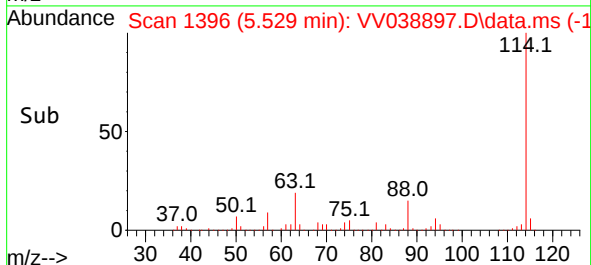
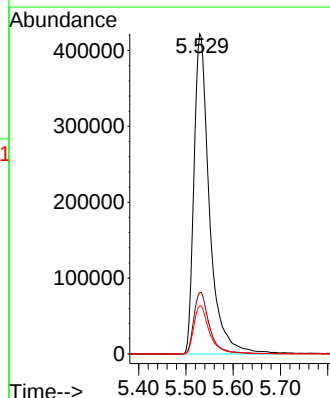
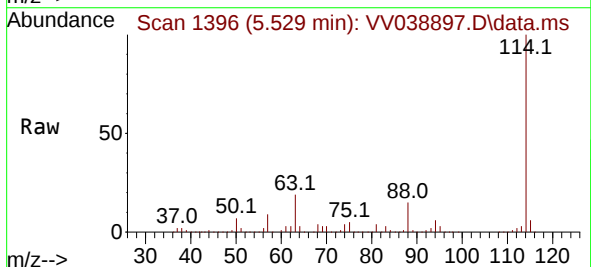
Tgt Ion:114 Resp: 960363

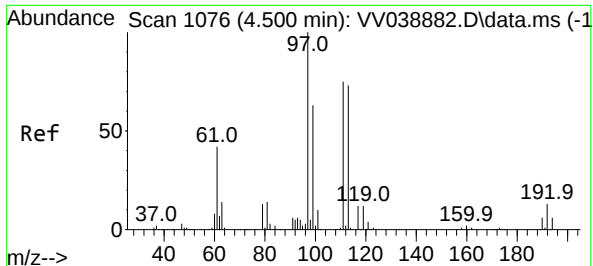
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.2

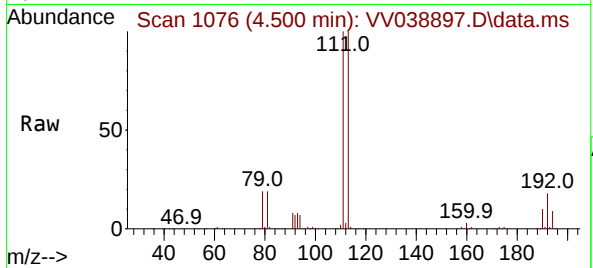
88 15.0 0.0 30.8





#35
Dibromofluoromethane
Concen: 48.450 ug/l
RT: 4.500 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

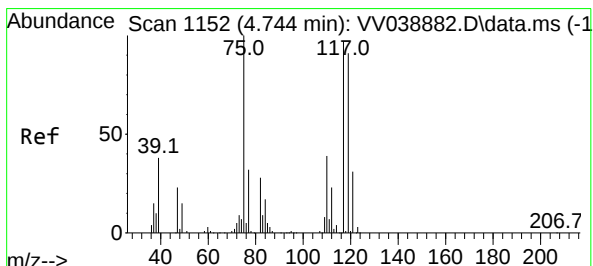
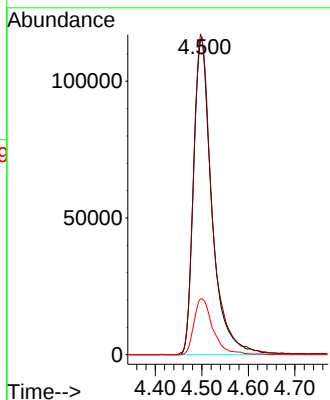
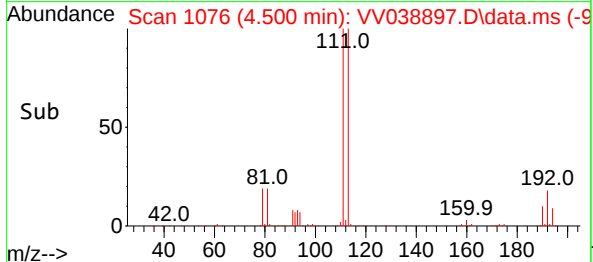
Instrument :
MSVOA_V
ClientSampleId :
MDL01



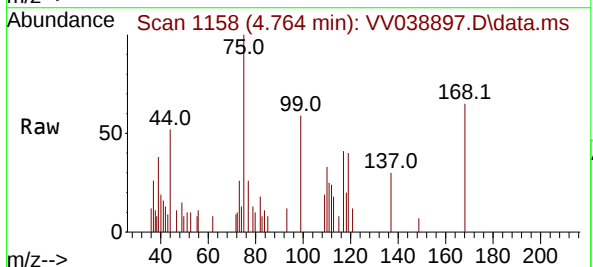
Tgt Ion:113 Resp: 317230
Ion Ratio Lower Upper
113 100
111 101.1 83.3 124.9
192 18.2 14.2 21.4

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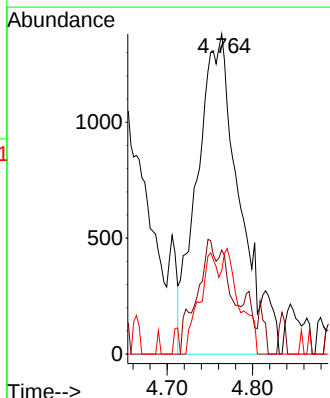
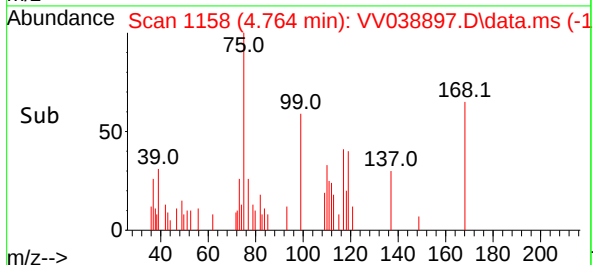
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

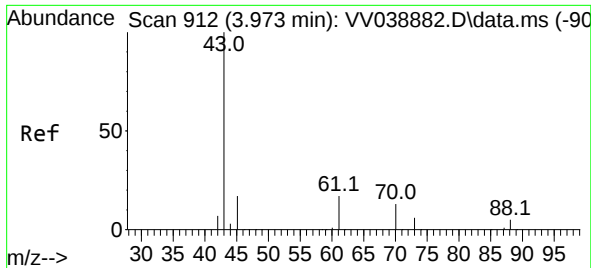


#36
1,1-Dichloropropene
Concen: 0.630 ug/l m
RT: 4.764 min Scan# 1158
Delta R.T. 0.019 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55



Tgt Ion: 75 Resp: 4739
Ion Ratio Lower Upper
75 100
110 0.0 18.8 56.3#
77 12.7 24.2 36.4#





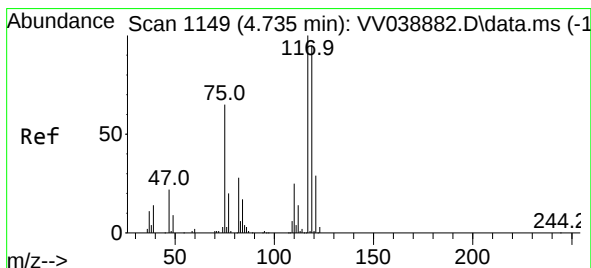
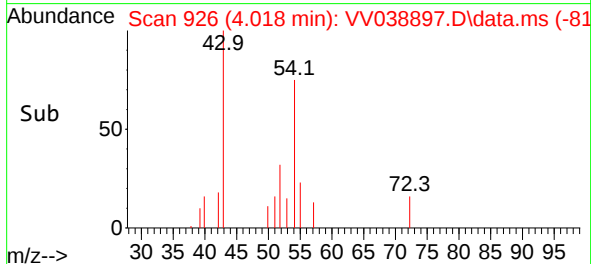
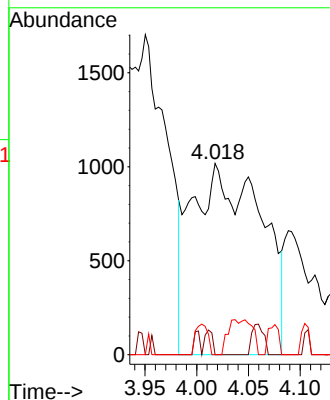
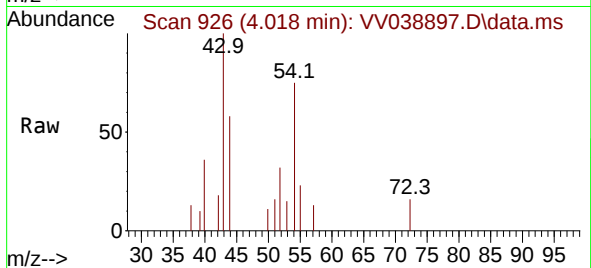
#37
Ethyl Acetate
Concen: 0.536 ug/l m
RT: 4.018 min Scan# 912
Delta R.T. 0.045 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 43 Resp: 4749
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7
70 2.8 8.9 13.3

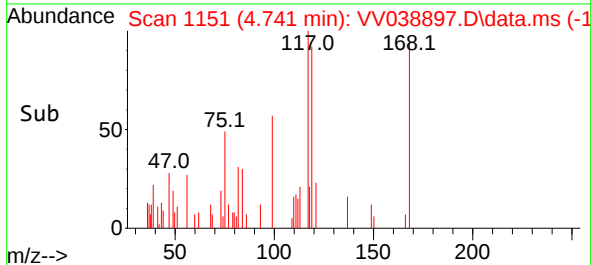
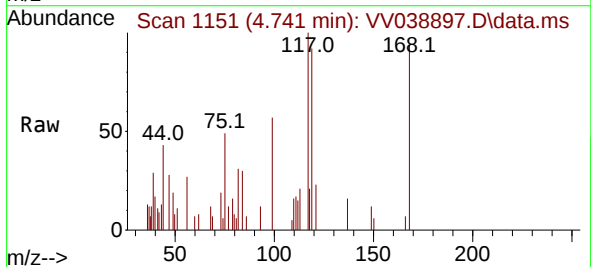
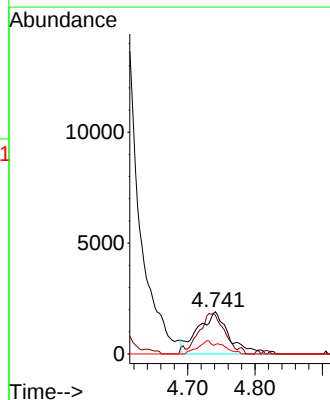
Manual Integrations
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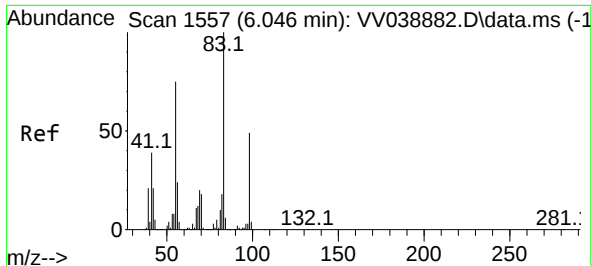
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#38
Carbon Tetrachloride
Concen: 0.613 ug/l m
RT: 4.741 min Scan# 1151
Delta R.T. 0.007 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion:117 Resp: 6130
Ion Ratio Lower Upper
117 100
119 92.0 76.0 114.0
121 22.6 23.1 34.7





#39

Methylcyclohexane

Concen: 0.562 ug/l

RT: 6.056 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

MDL01

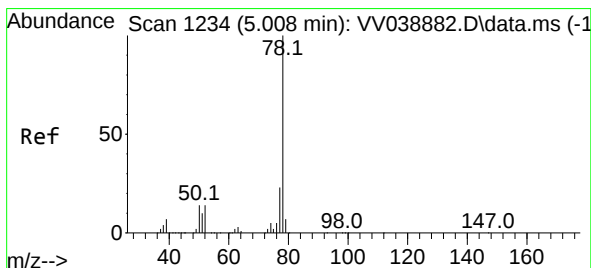
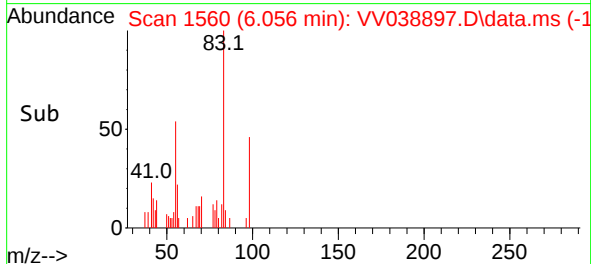
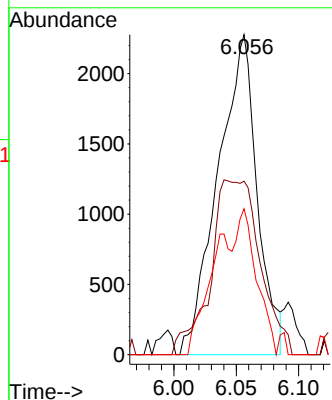
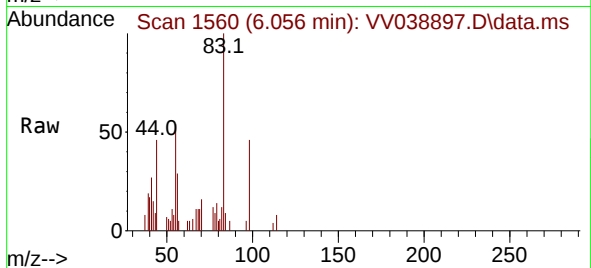
Tgt Ion: 83	Resp: 4990
Ion Ratio	Lower Upper
83 100	
55 47.4	60.0 90.0
98 45.6	39.0 58.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#40

Benzene

Concen: 0.460 ug/l

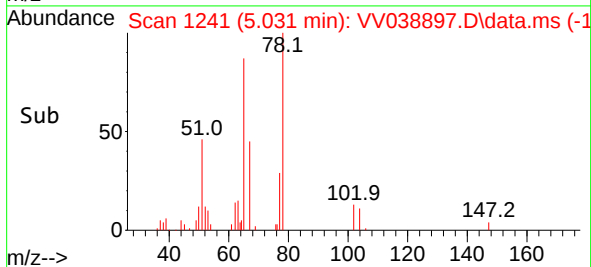
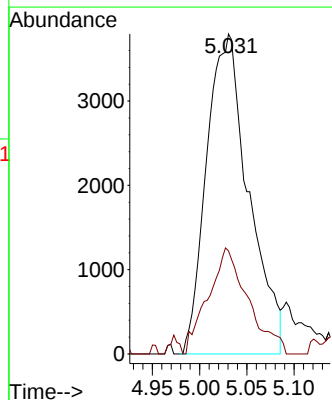
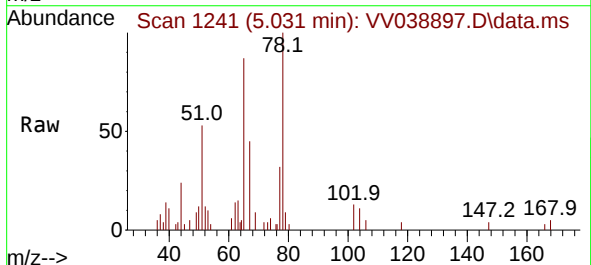
RT: 5.031 min Scan# 1241

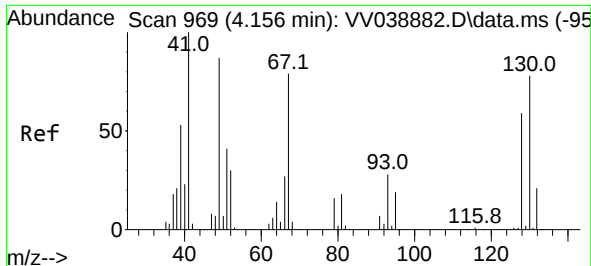
Delta R.T. 0.023 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

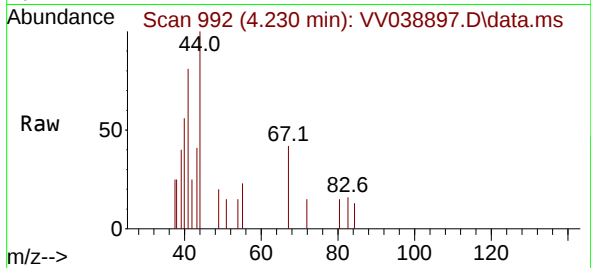
Tgt Ion: 78	Resp: 11739
Ion Ratio	Lower Upper
78 100	
77 29.1	18.6 28.0#





#41
Methacrylonitrile
Concen: 0.282 ug/l m
RT: 4.230 min Scan# 914
Delta R.T. 0.074 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

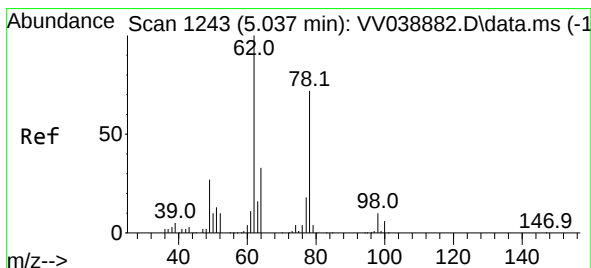
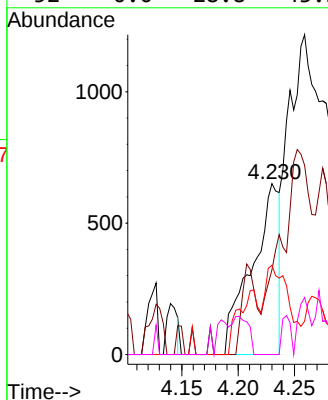
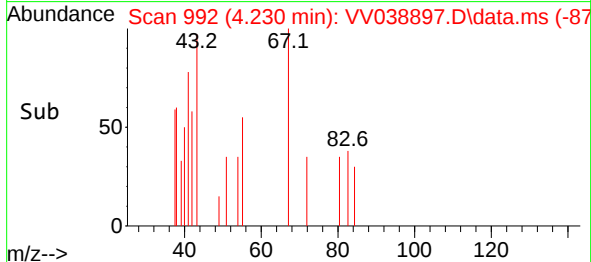
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 41 Resp: 114
Ion Ratio Lower Upper
41 100
39 14.0 42.0 63.0
67 0.0 76.2 114.2
52 0.0 28.8 43.2

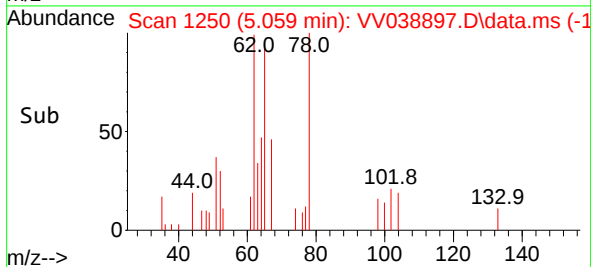
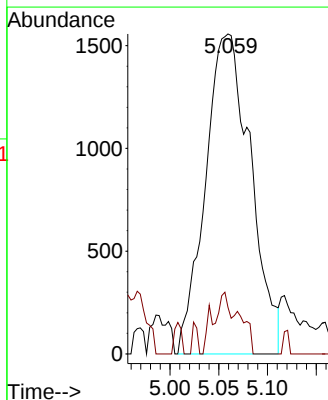
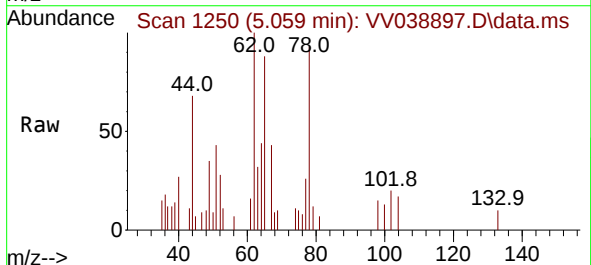
Manual Integrations
APPROVED

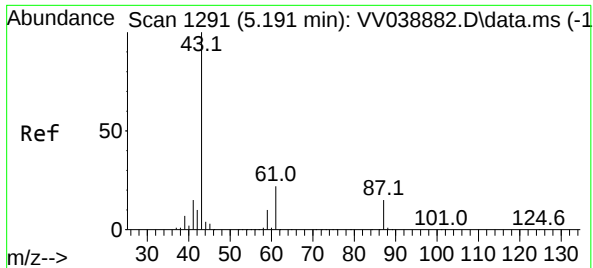
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#42
1,2-Dichloroethane
Concen: 0.517 ug/l
RT: 5.059 min Scan# 1250
Delta R.T. 0.023 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 62 Resp: 5031
Ion Ratio Lower Upper
62 100
98 2.0 0.0 18.8





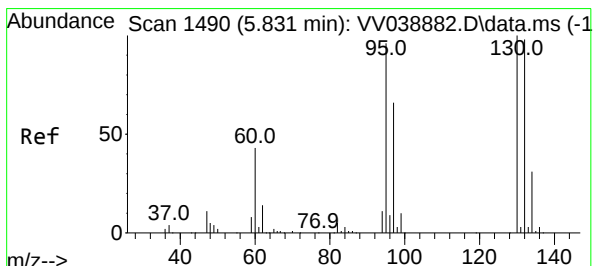
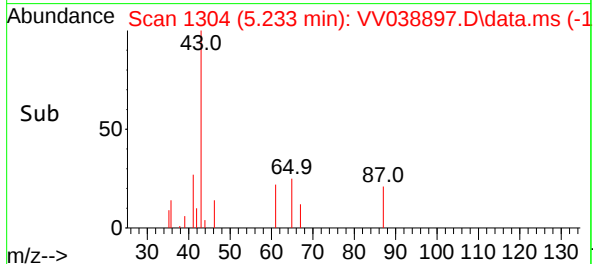
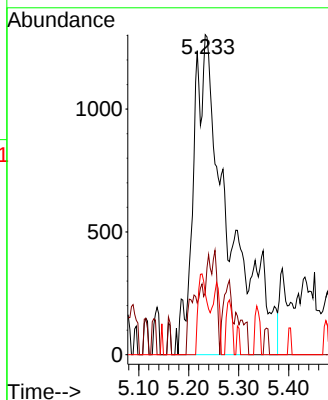
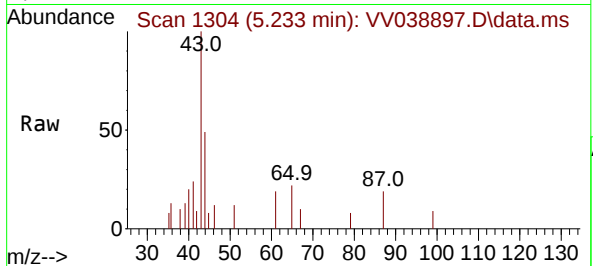
#43
Isopropyl Acetate
Concen: 0.450 ug/l
RT: 5.233 min Scan# 1304
Delta R.T. 0.042 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument : MSVOA_V
ClientSampleId : MDL01

Tgt Ion: 43 Resp: 6310
Ion Ratio Lower Upper
43 100
61 0.0 17.1 25.7
87 0.0 12.2 18.4

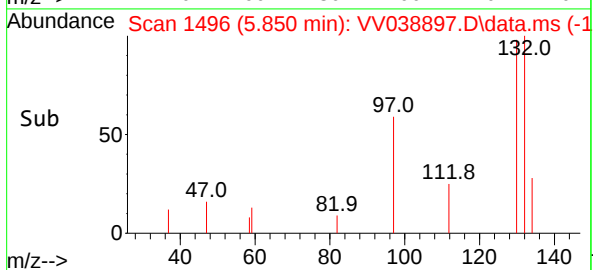
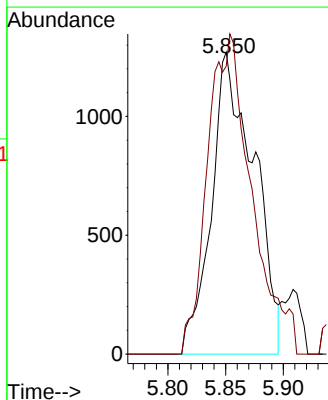
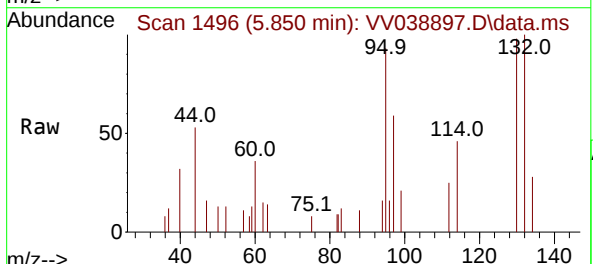
Manual Integrations
APPROVED

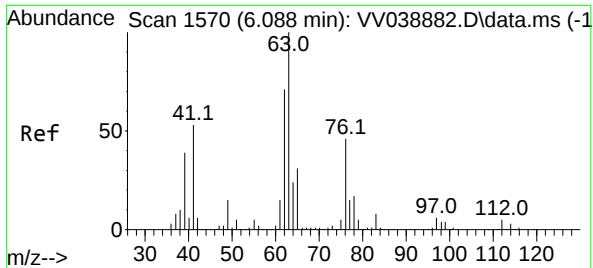
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#44
Trichloroethene
Concen: 0.487 ug/l
RT: 5.850 min Scan# 1496
Delta R.T. 0.019 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion:130 Resp: 3247
Ion Ratio Lower Upper
130 100
95 95.4 0.0 191.2





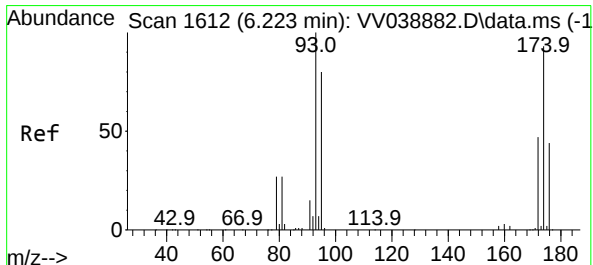
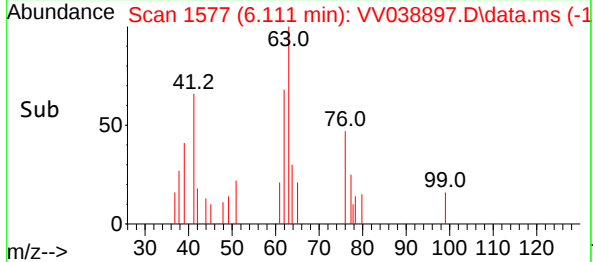
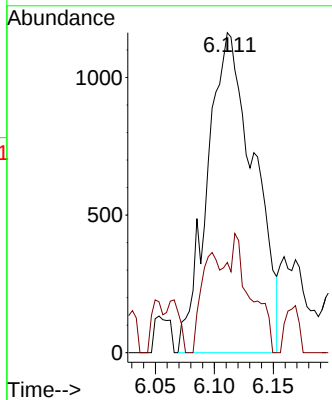
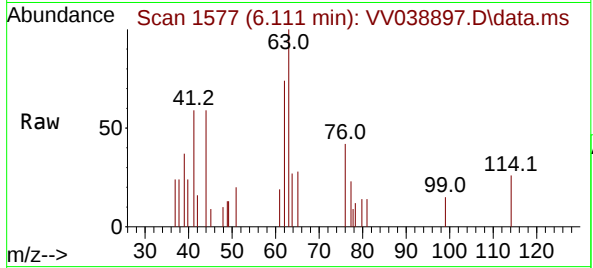
#45
1,2-Dichloropropane
Concen: 0.475 ug/l m
RT: 6.111 min Scan# 1577
Delta R.T. 0.023 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 63 Resp: 3200
Ion Ratio Lower Upper
63 100
65 28.2 24.9 37.3

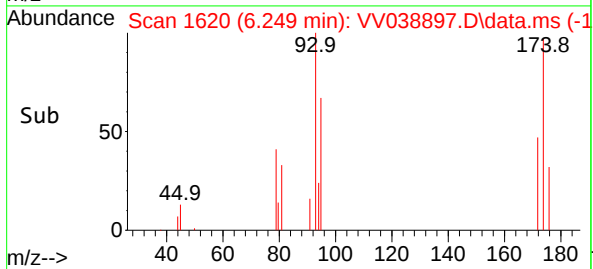
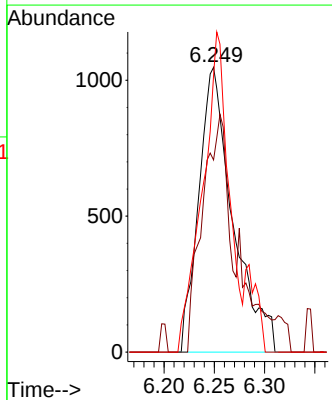
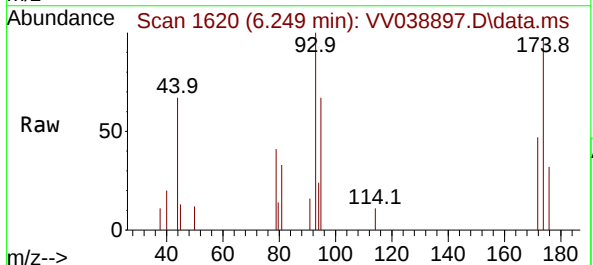
Manual Integrations
APPROVED

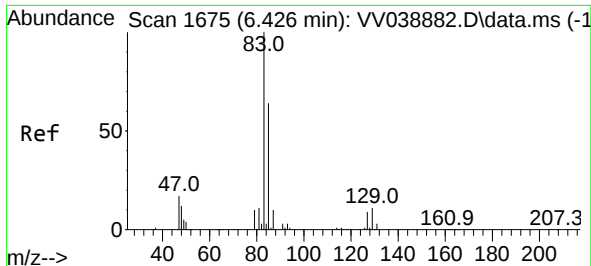
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#46
Dibromomethane
Concen: 0.477 ug/l
RT: 6.249 min Scan# 1620
Delta R.T. 0.026 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 93 Resp: 2488
Ion Ratio Lower Upper
93 100
95 63.7 66.2 99.4#
174 85.5 75.3 112.9





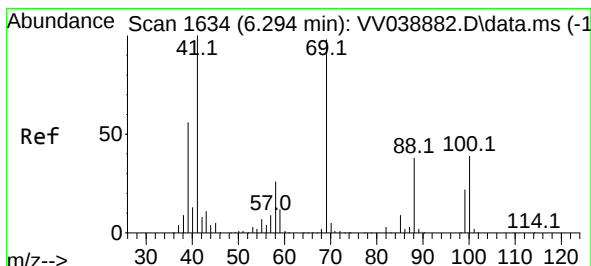
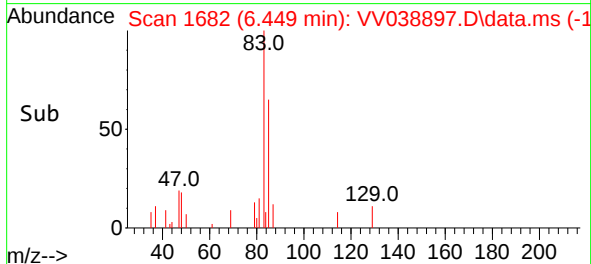
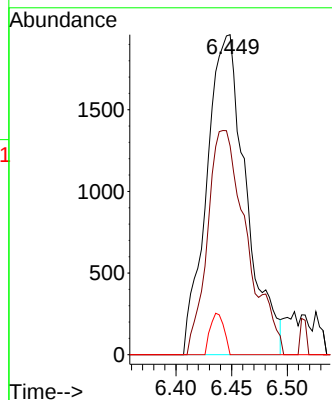
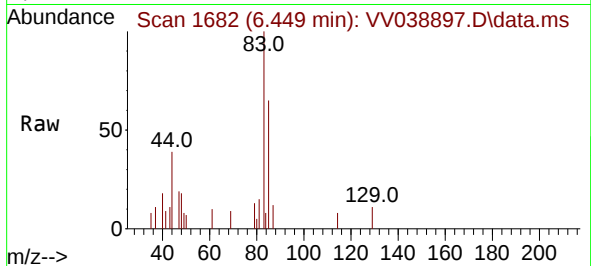
#47
Bromodichloromethane
Concen: 0.437 ug/l
RT: 6.449 min Scan# 1682
Delta R.T. 0.023 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 83 Resp: 4838
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.0
127 0.0 6.9 10.3

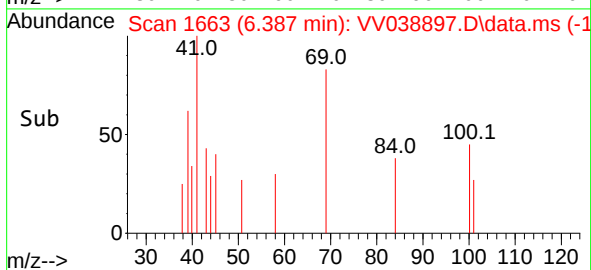
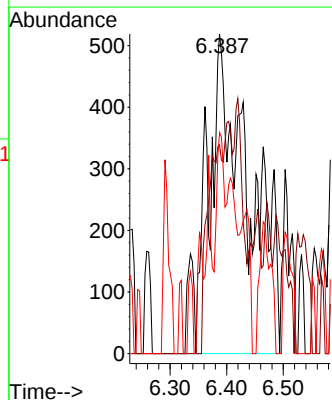
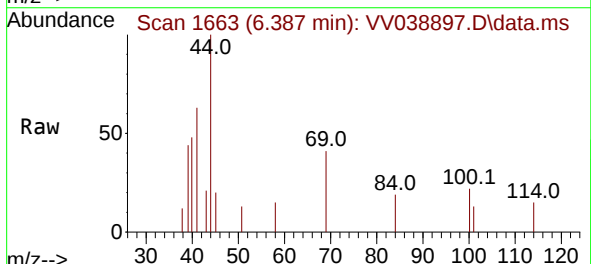
Manual Integrations
APPROVED

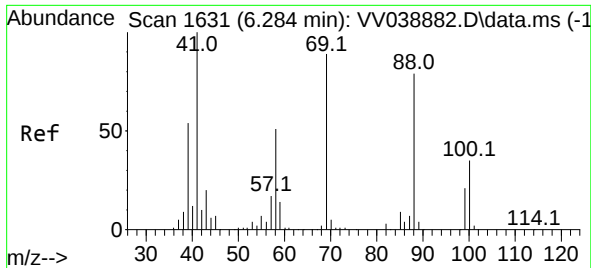
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#48
Methyl methacrylate
Concen: 0.433 ug/l m
RT: 6.387 min Scan# 1663
Delta R.T. 0.093 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

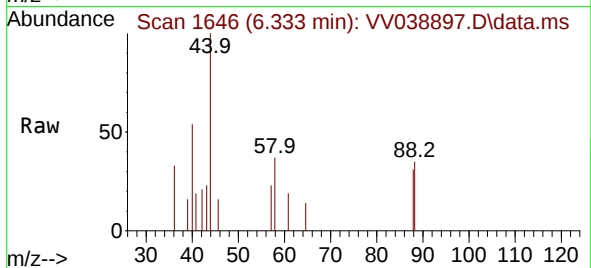
Tgt Ion: 41 Resp: 2632
Ion Ratio Lower Upper
41 100
69 0.0 79.4 119.2#
39 1.5 44.0 66.0#





#49
1,4-Dioxane
Concen: 9.968 ug/l m
RT: 6.333 min Scan# 1
Delta R.T. 0.048 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

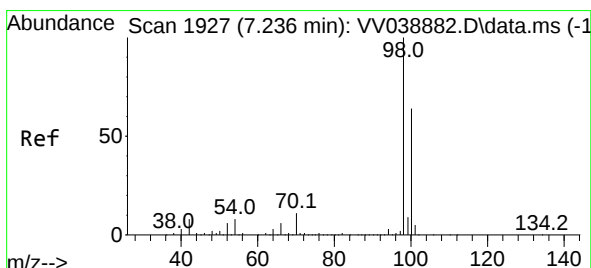
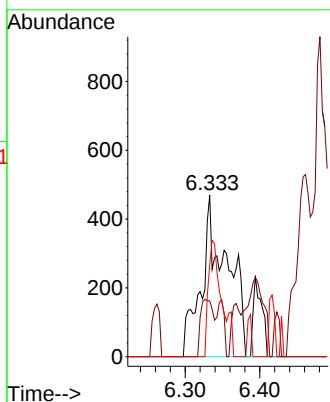
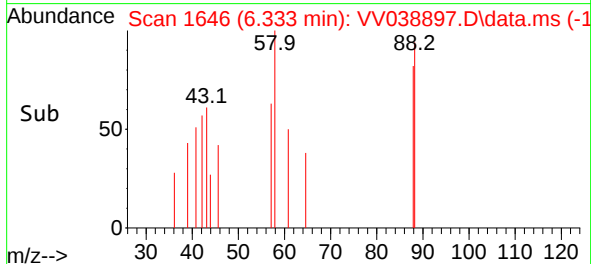
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 88 Resp: 1300
Ion Ratio Lower Upper
88 100
43 14.9 23.0 34.4
58 32.4 53.8 80.6

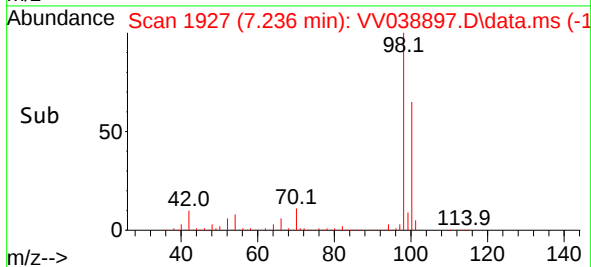
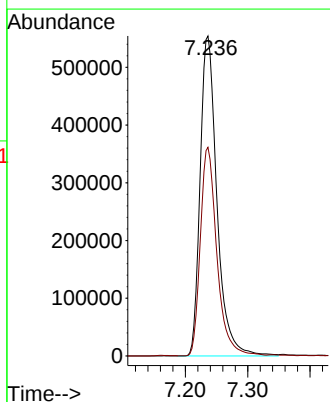
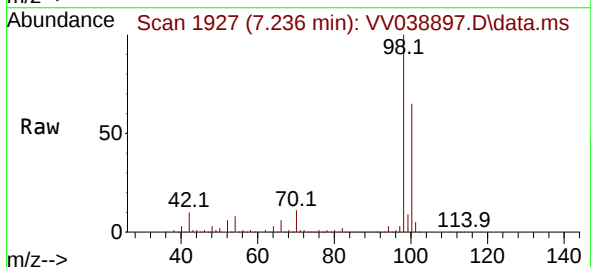
Manual Integrations
APPROVED

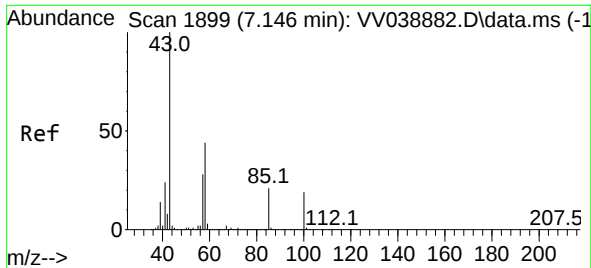
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#50
Toluene-d8
Concen: 52.526 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 98 Resp: 1039589
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3





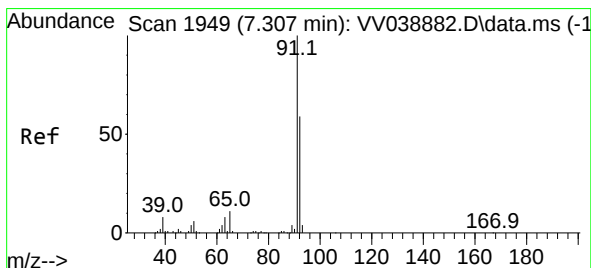
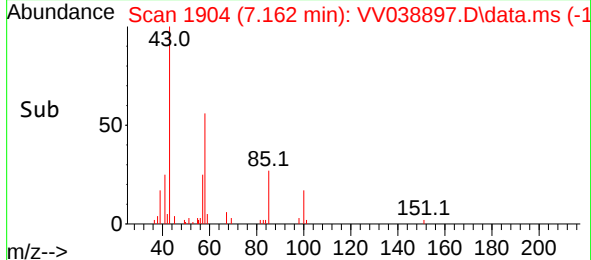
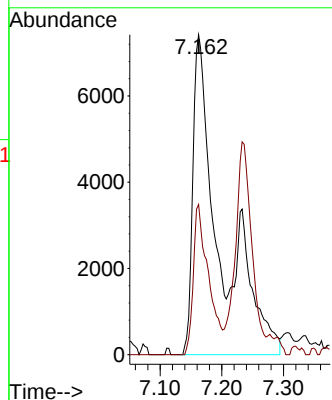
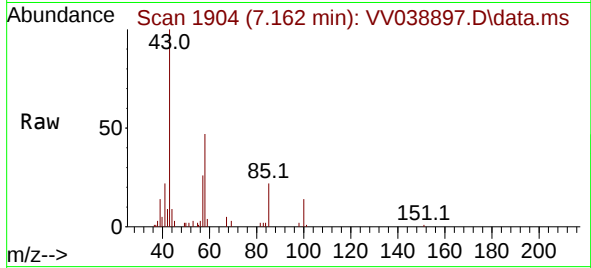
#51
4-Methyl-2-Pentanone
Concen: 2.335 ug/l m
RT: 7.162 min Scan# 1904
Delta R.T. 0.016 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument : MSVOA_V
ClientSampleId : MDL01

Tgt Ion: 43 Resp: 2228
Ion Ratio Lower Upper
43 100
58 26.8 34.5 51.7

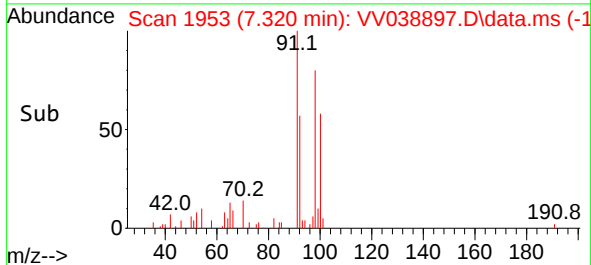
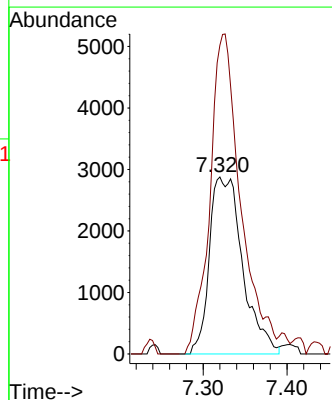
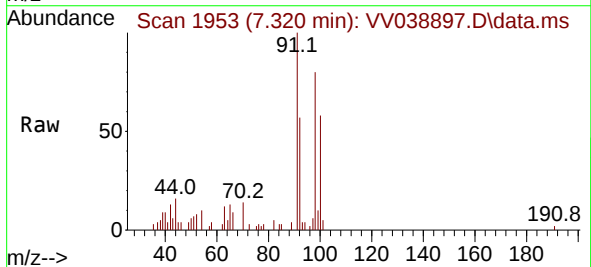
Manual Integrations
APPROVED

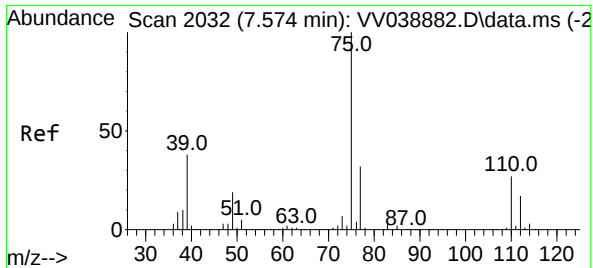
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#52
Toluene
Concen: 0.493 ug/l m
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 92 Resp: 7919
Ion Ratio Lower Upper
92 100
91 167.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 0.471 ug/l m

RT: 7.616 min Scan# 2032

Delta R.T. 0.042 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 75 Resp: 4720

Ion Ratio Lower Upper

75 100

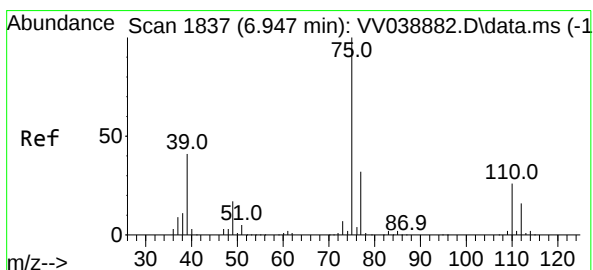
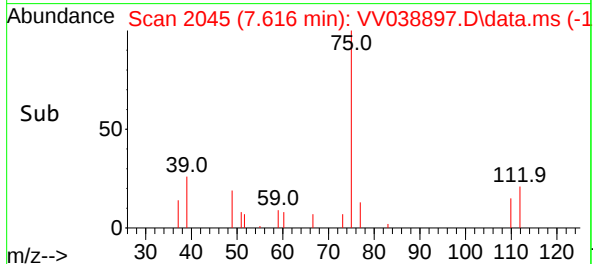
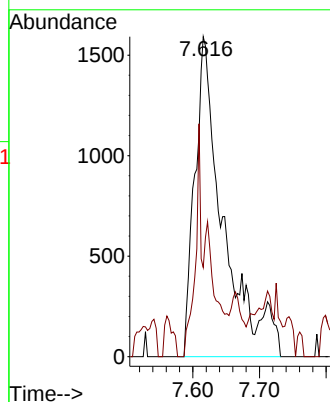
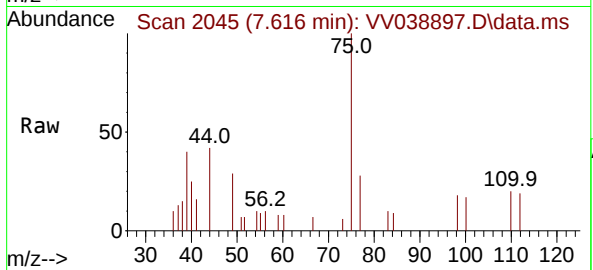
77 27.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#54

cis-1,3-Dichloropropene

Concen: 0.372 ug/l m

RT: 6.973 min Scan# 1845

Delta R.T. 0.026 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

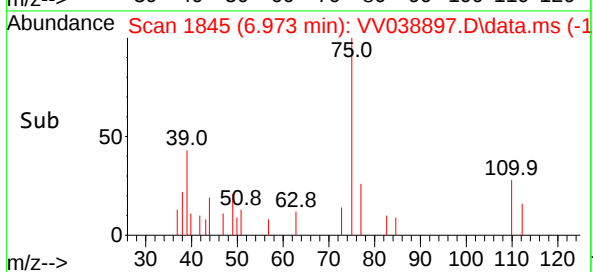
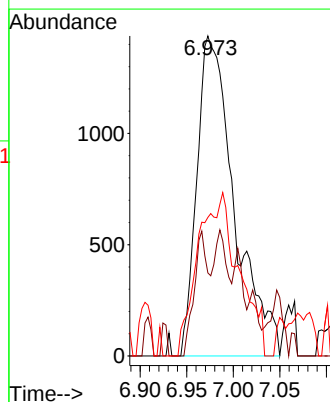
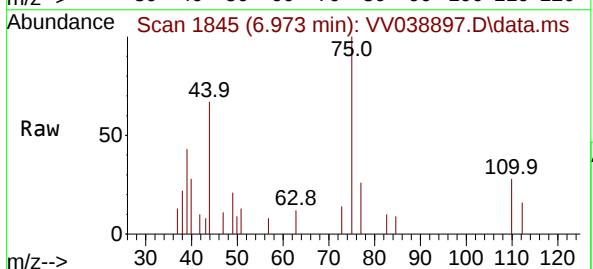
Tgt Ion: 75 Resp: 4028

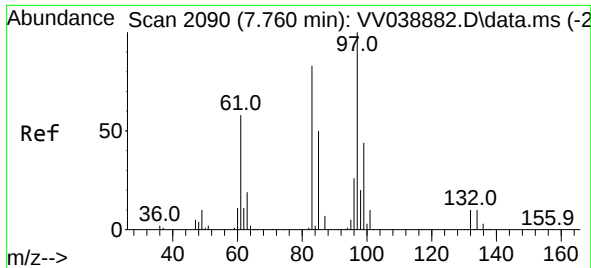
Ion Ratio Lower Upper

75 100

77 25.9 25.5 38.3

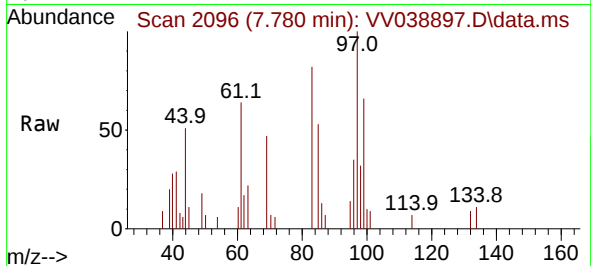
39 43.3 33.1 49.7





#55
1,1,2-Trichloroethane
Concen: 0.458 ug/l
RT: 7.780 min Scan# 2096
Delta R.T. 0.019 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

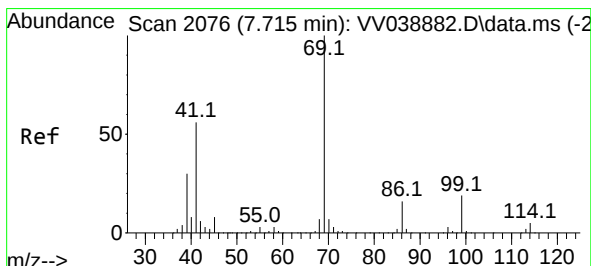
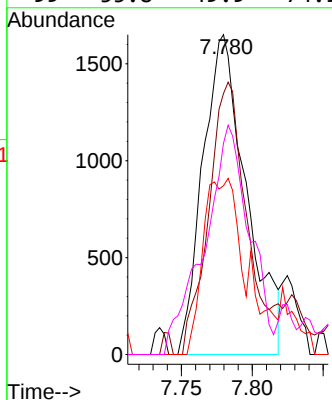
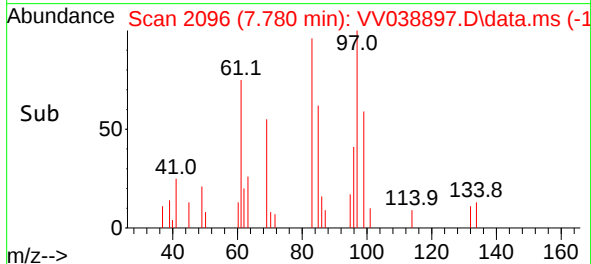
Instrument :
MSVOA_V
ClientSampleId :
MDL01



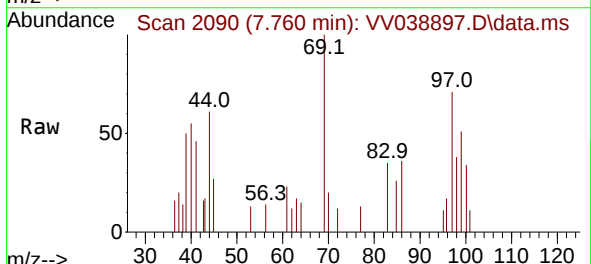
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.6	66.2	99.4
85	52.8	41.4	62.2
99	55.8	49.9	74.9

Manual Integrations
APPROVED

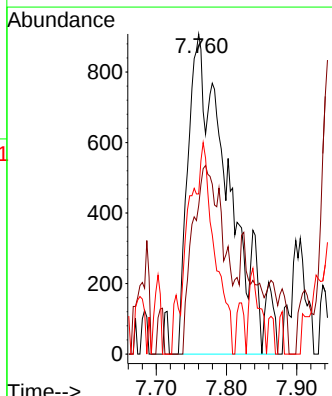
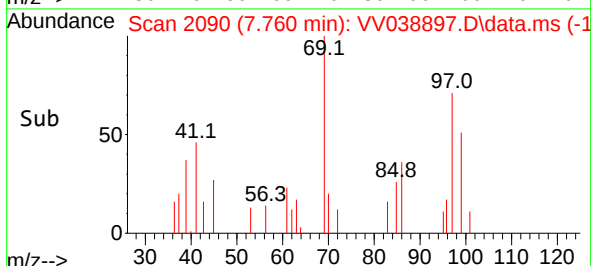
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

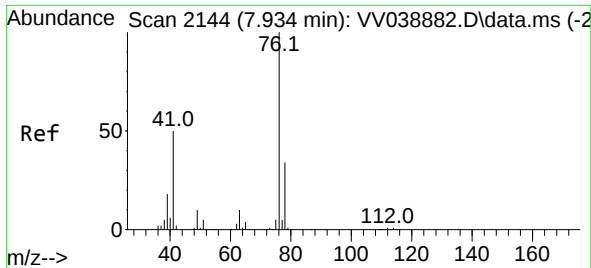


#56
Ethyl methacrylate
Concen: 0.403 ug/l m
RT: 7.760 min Scan# 2090
Delta R.T. 0.045 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55



Tgt Ion	Ratio	Lower	Upper
69	100		
41	0.0	45.7	68.5#
39	2.9	23.8	35.8#





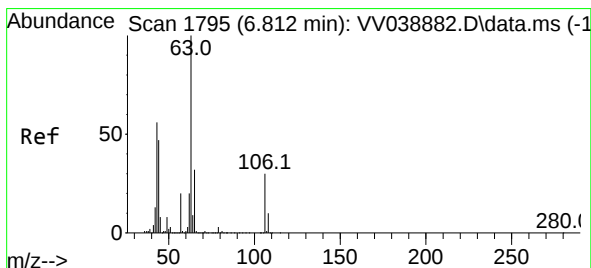
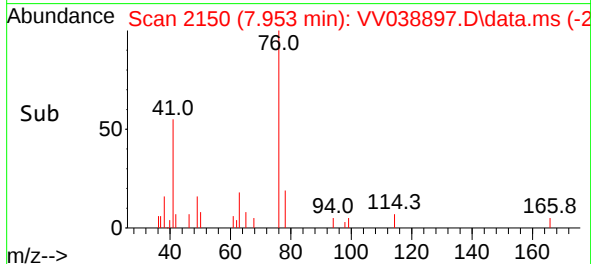
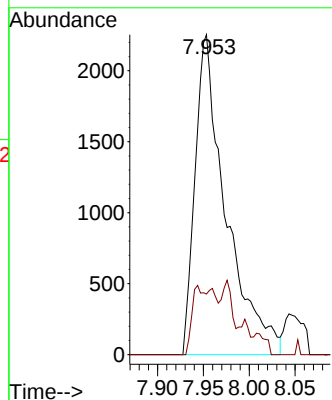
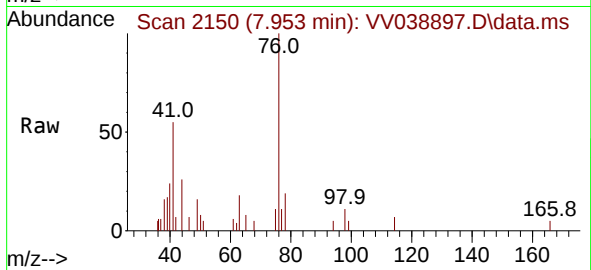
#57
1,3-Dichloropropane
Concen: 0.456 ug/l
RT: 7.953 min Scan# 2144
Delta R.T. 0.019 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 76 Resp: 525
Ion Ratio Lower Upper
76 100
78 9.7 26.8 40.2

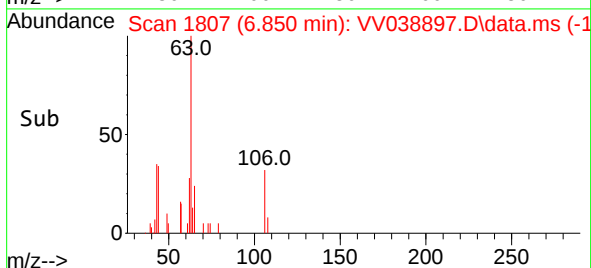
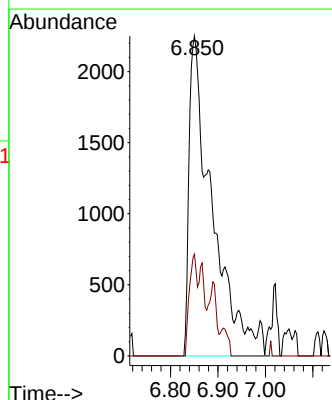
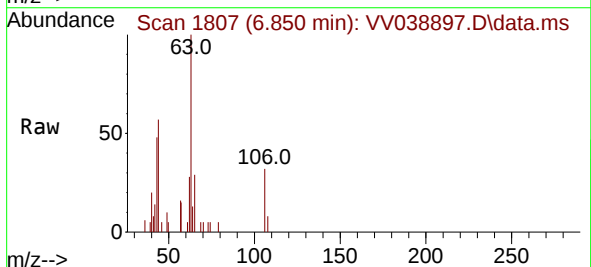
Manual Integrations
APPROVED

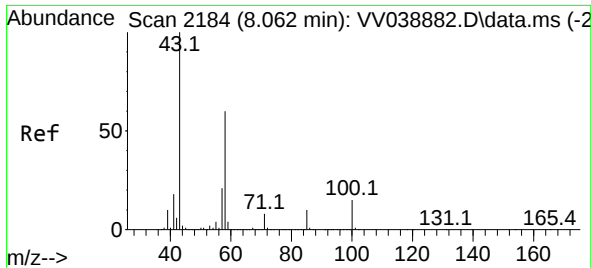
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 1.465 ug/l m
RT: 6.850 min Scan# 1807
Delta R.T. 0.038 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 63 Resp: 8068
Ion Ratio Lower Upper
63 100
106 10.0 24.1 36.1





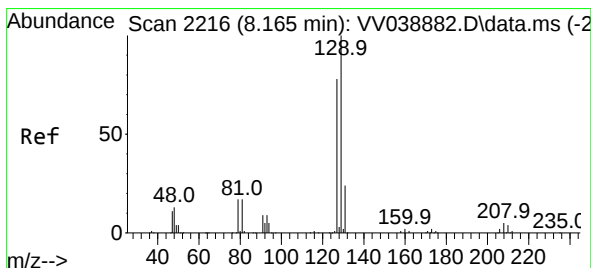
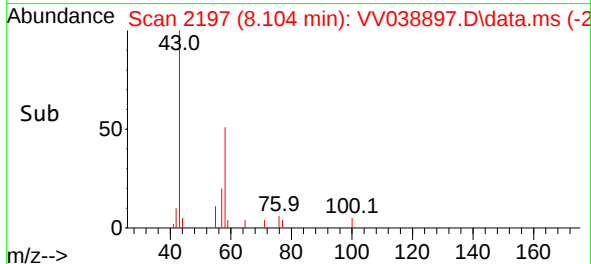
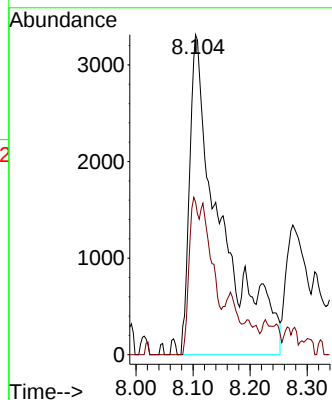
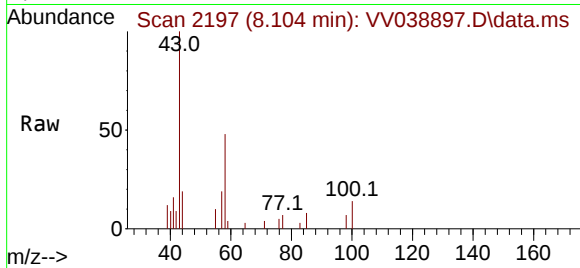
#59
2-Hexanone
Concen: 1.742 ug/l m
RT: 8.104 min Scan# 2184
Delta R.T. 0.042 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 43 Resp: 12369
Ion Ratio Lower Upper
43 100
58 15.7 29.6 88.8

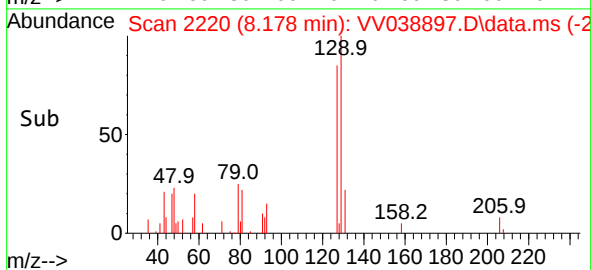
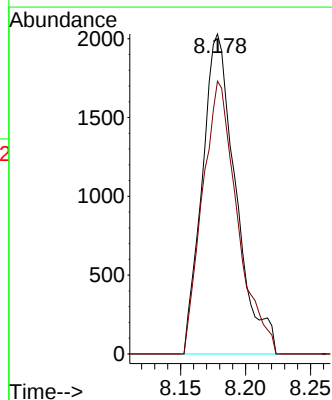
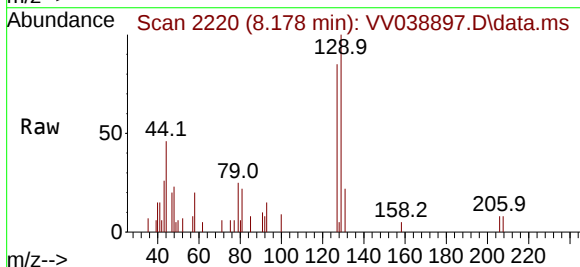
Manual Integrations
APPROVED

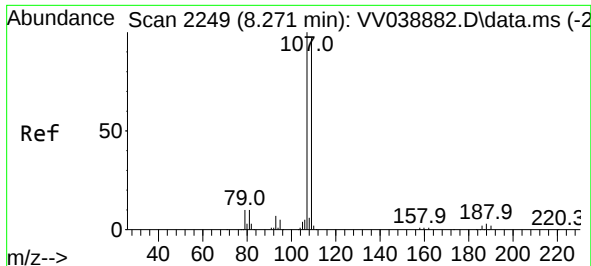
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#60
Dibromochloromethane
Concen: 0.403 ug/l
RT: 8.178 min Scan# 2220
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

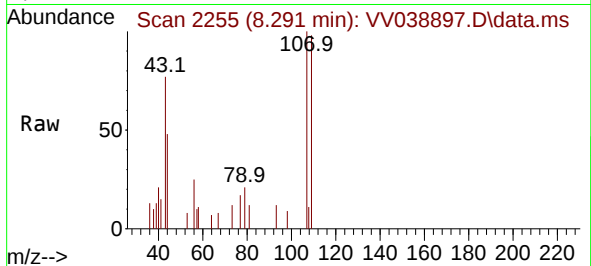
Tgt Ion:129 Resp: 3648
Ion Ratio Lower Upper
129 100
127 88.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 0.380 ug/l
RT: 8.291 min Scan# 21
Delta R.T. 0.019 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

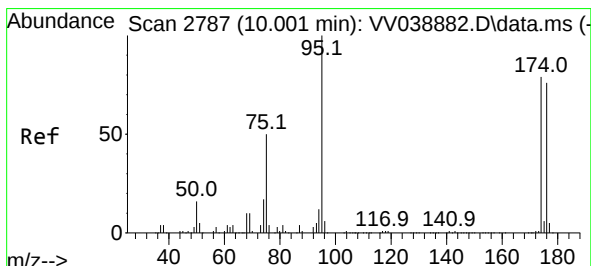
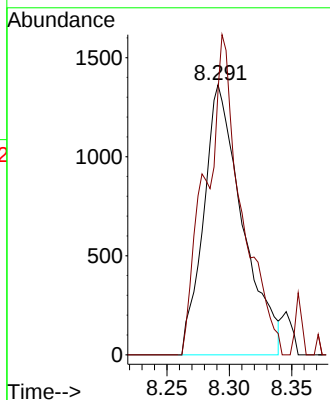
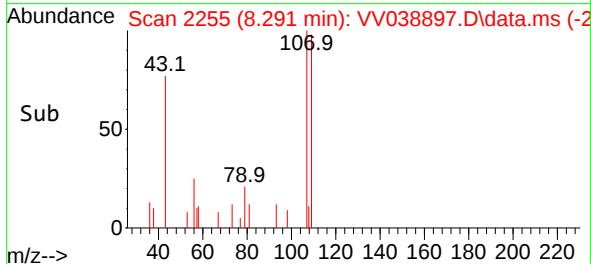
Instrument :
MSVOA_V
ClientSampleId :
MDL01



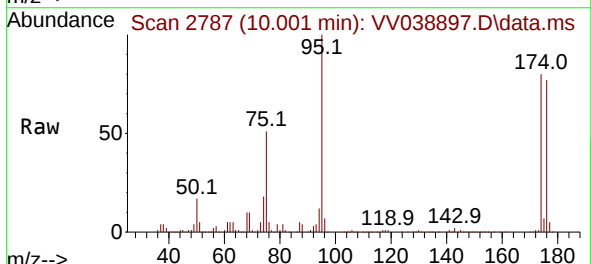
Tgt Ion:107 Resp: 2939
Ion Ratio Lower Upper
107 100
109 109.7 77.1 115.7

Manual Integrations
APPROVED

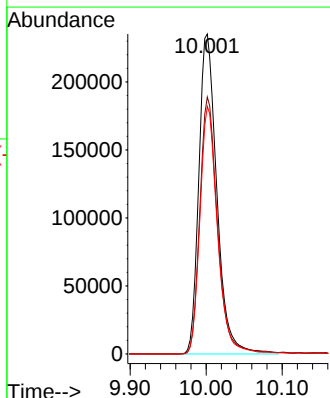
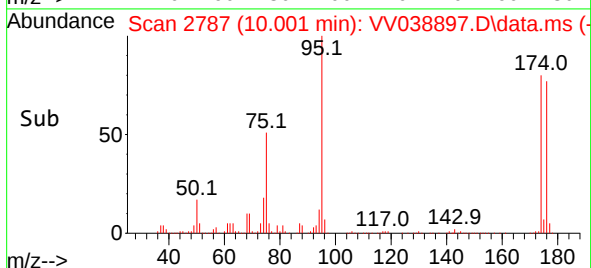
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

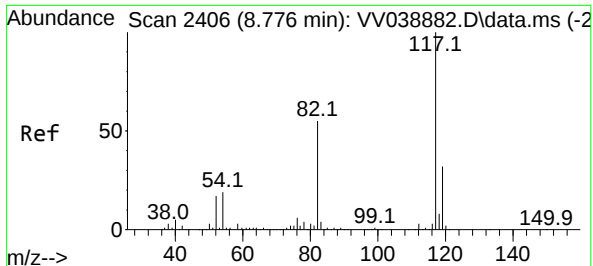


#62
4-Bromofluorobenzene
Concen: 48.562 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55



Tgt Ion: 95 Resp: 387180
Ion Ratio Lower Upper
95 100
174 79.2 0.0 160.0
176 75.0 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2406

Delta R.T. -0.003 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

MDL01

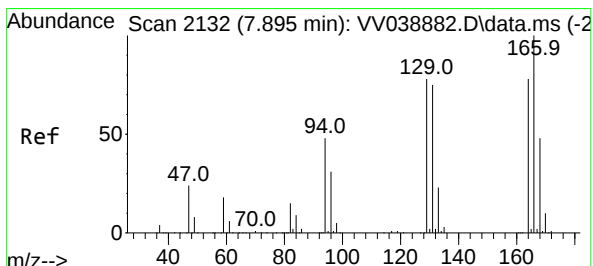
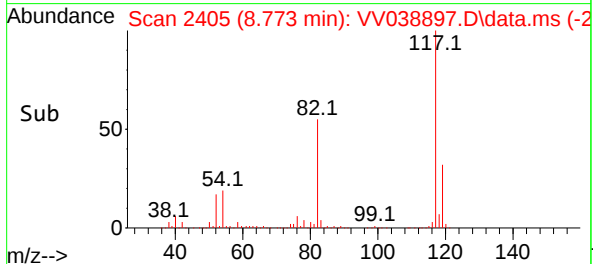
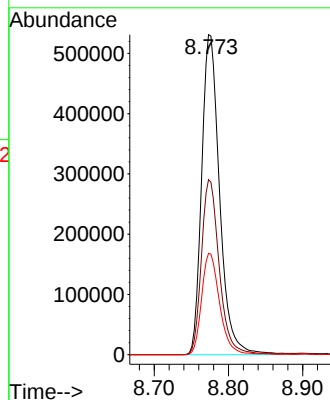
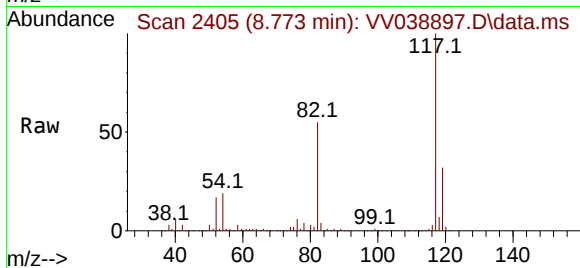
Tgt Ion:117 Resp: 892194

Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.7	65.5
119	31.7	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#64

Tetrachloroethene

Concen: 0.550 ug/l

RT: 7.902 min Scan# 2134

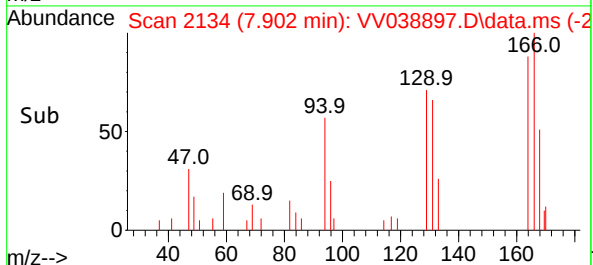
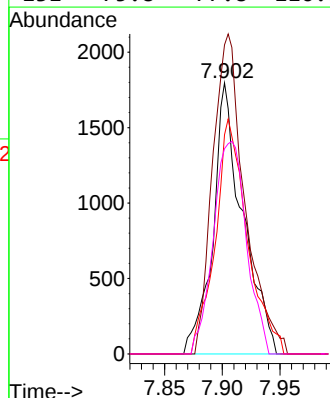
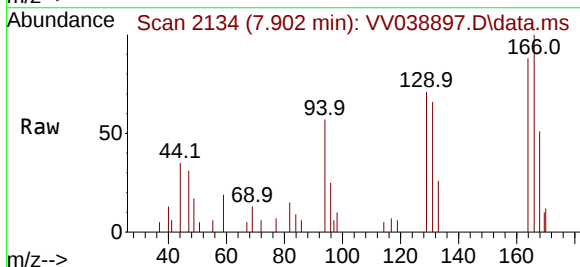
Delta R.T. 0.007 min

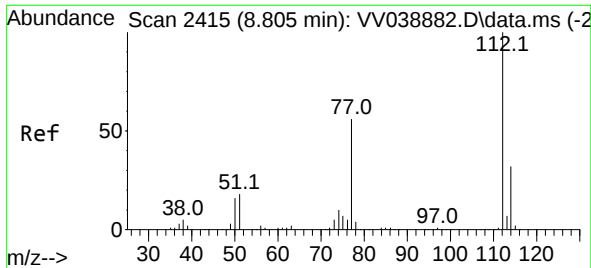
Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Tgt Ion:164 Resp: 3218

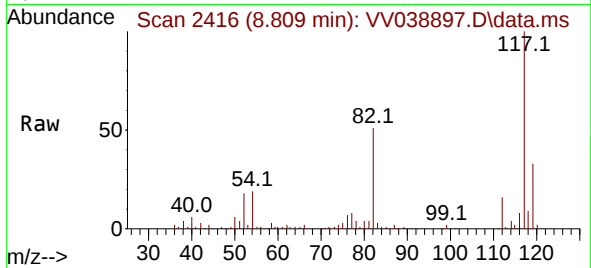
Ion	Ratio	Lower	Upper
164	100		
166	114.1	103.2	154.8
129	80.9	81.0	121.4#
131	75.8	77.8	116.8#





#65
Chlorobenzene
Concen: 0.522 ug/l
RT: 8.809 min Scan# 2415
Delta R.T. 0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

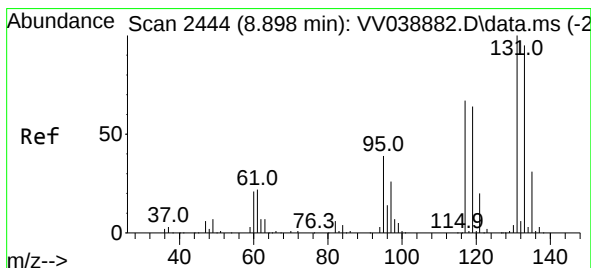
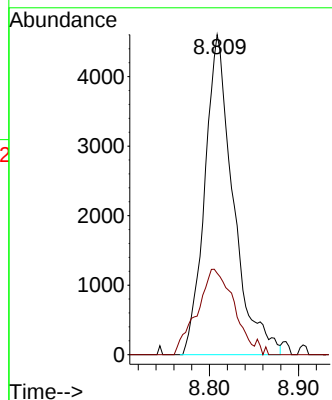
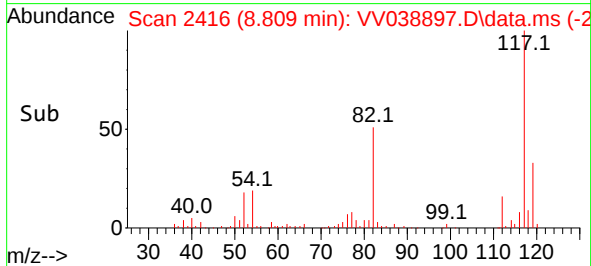
Instrument :
MSVOA_V
ClientSampleId :
MDL01



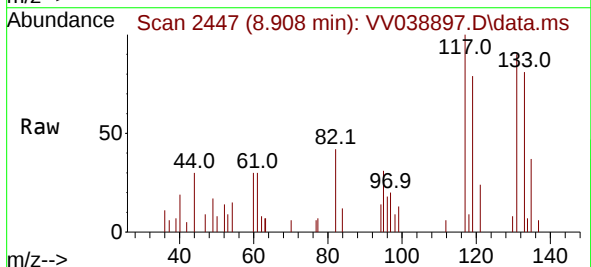
Tgt Ion:112 Resp: 10184
Ion Ratio Lower Upper
112 100
114 25.4 25.3 37.9

Manual Integrations
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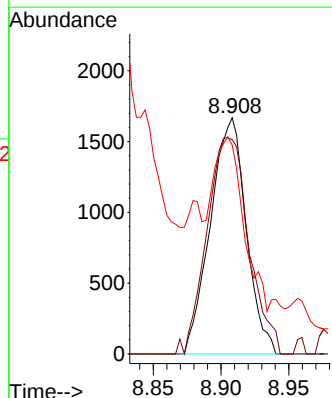
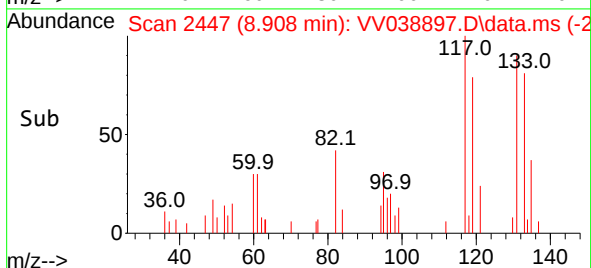
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

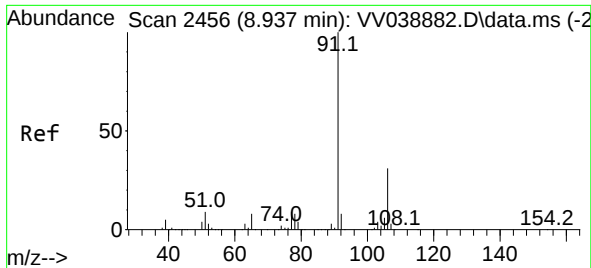


#66
1,1,1,2-Tetrachloroethane
Concen: 0.393 ug/l
RT: 8.908 min Scan# 2447
Delta R.T. 0.010 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55



Tgt Ion:131 Resp: 3054
Ion Ratio Lower Upper
131 100
133 107.6 47.6 142.9
119 0.0 32.0 96.2#





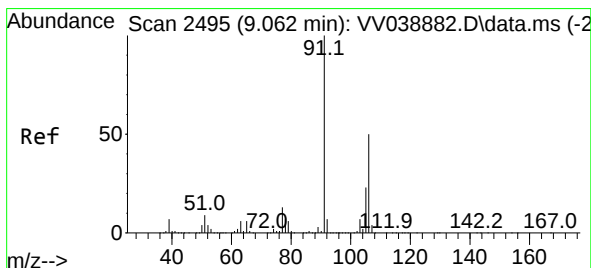
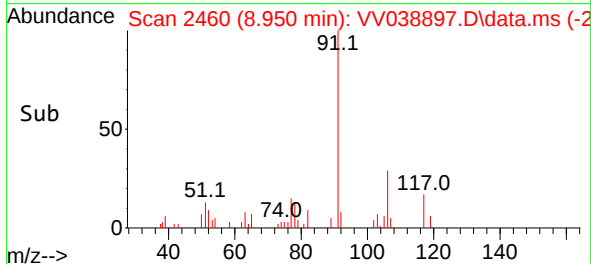
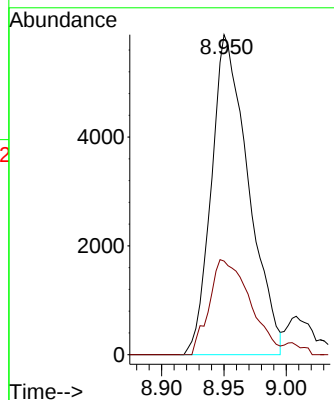
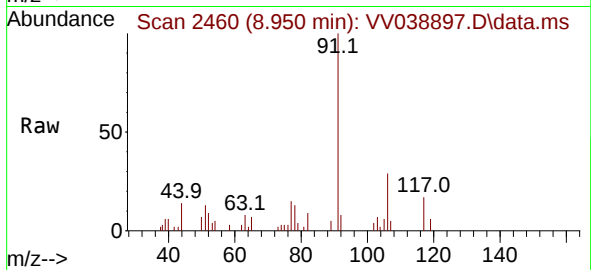
#67
Ethyl Benzene
Concen: 0.419 ug/l
RT: 8.950 min Scan# 2456
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 91 Resp: 1214
Ion Ratio Lower Upper
91 100
106 29.2 24.8 37.2

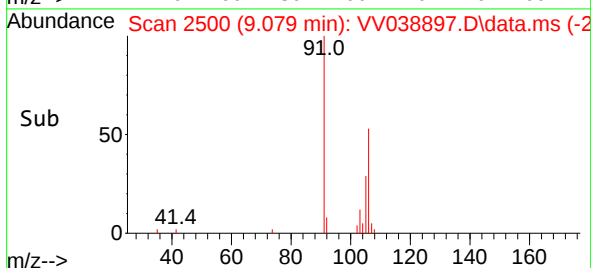
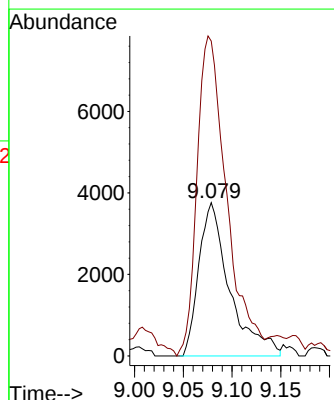
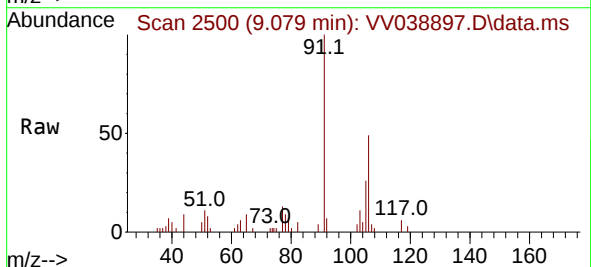
Manual Integrations
APPROVED

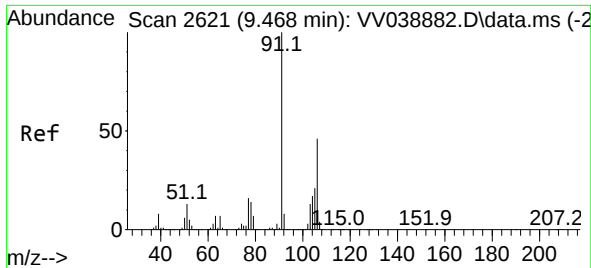
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#68
m/p-Xylenes
Concen: 0.735 ug/l
RT: 9.079 min Scan# 2500
Delta R.T. 0.016 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion:106 Resp: 8285
Ion Ratio Lower Upper
106 100
91 200.2 161.0 241.6





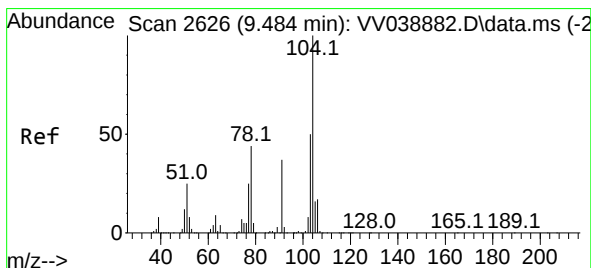
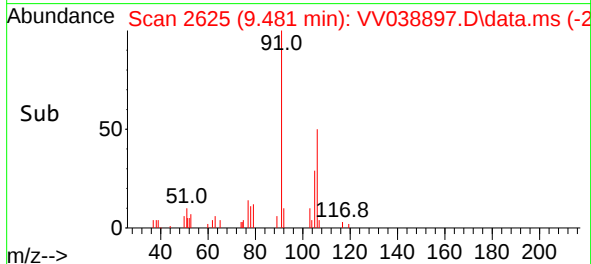
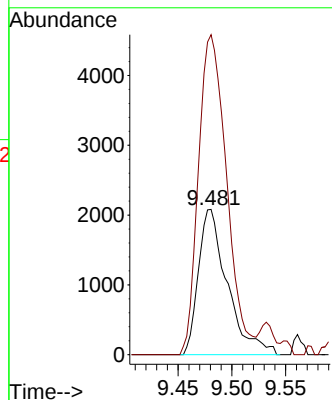
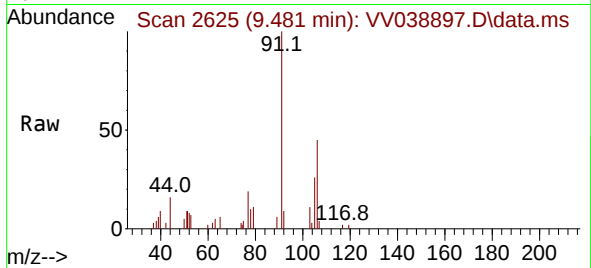
#69
o-Xylene
Concen: 0.365 ug/l
RT: 9.481 min Scan# 2625
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:106 Resp: 3880
Ion Ratio Lower Upper
106 100
91 215.1 108.9 326.6

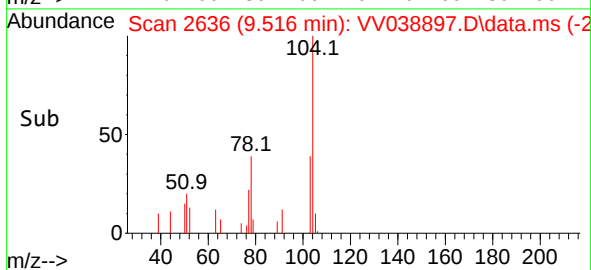
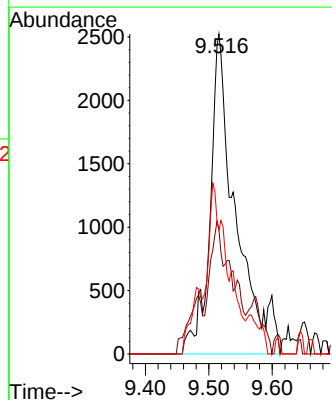
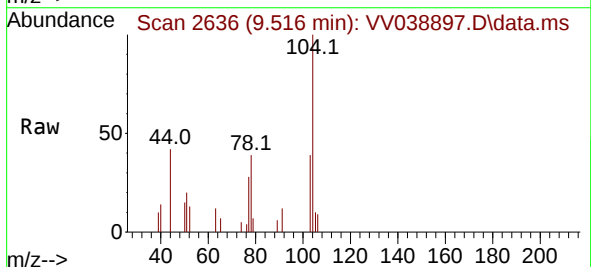
Manual Integrations
APPROVED

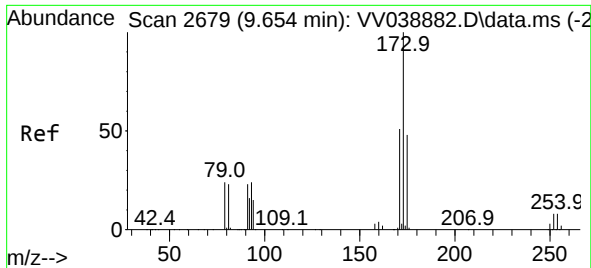
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#70
Styrene
Concen: 0.376 ug/l m
RT: 9.516 min Scan# 2636
Delta R.T. 0.032 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

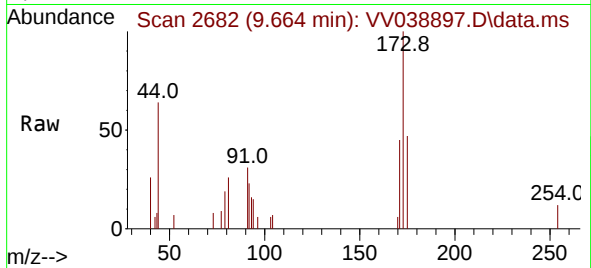
Tgt Ion:104 Resp: 7078
Ion Ratio Lower Upper
104 100
78 10.8 39.9 59.9#
103 9.5 43.4 65.2#





#71
Bromoform
Concen: 0.467 ug/l
RT: 9.664 min Scan# 2682
Delta R.T. 0.010 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

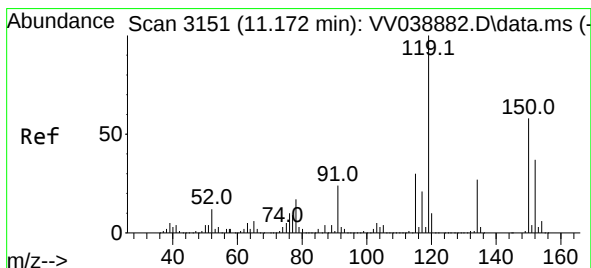
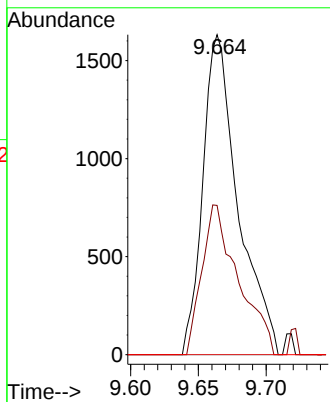
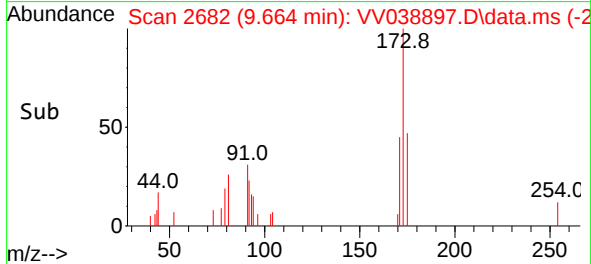
Instrument :
MSVOA_V
ClientSampleId :
MDL01



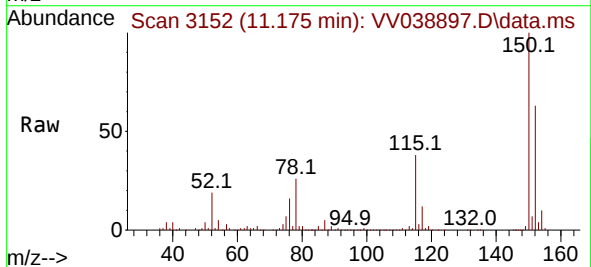
Tgt Ion:173 Resp: 294
Ion Ratio Lower Upper
173 100
175 48.5 23.5 70.6
254 0.0 0.1 0.1

Manual Integrations
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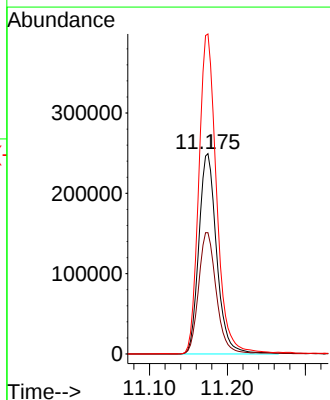
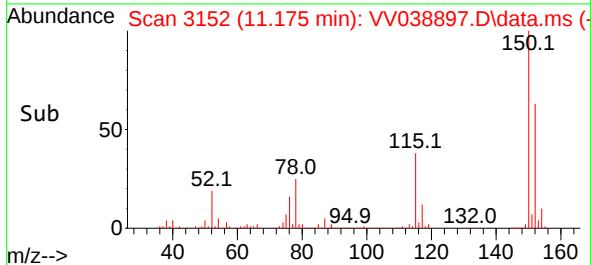
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

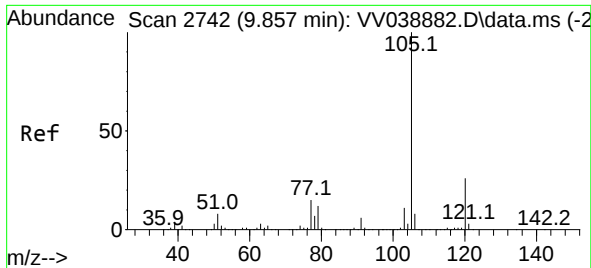


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55



Tgt Ion:152 Resp: 397166
Ion Ratio Lower Upper
152 100
115 60.3 41.8 125.4
150 158.5 0.0 342.4





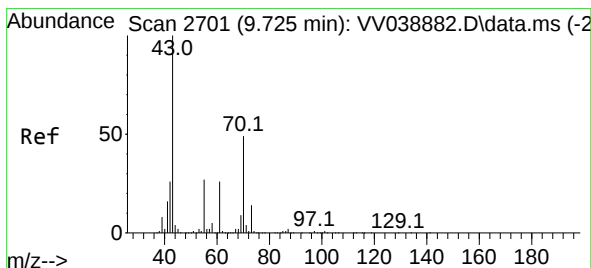
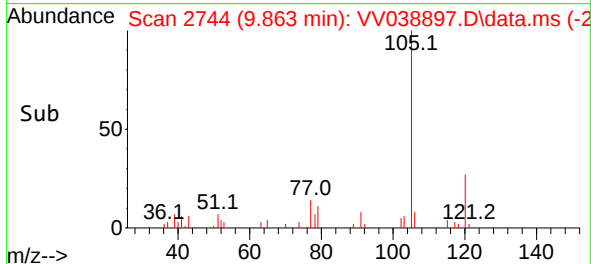
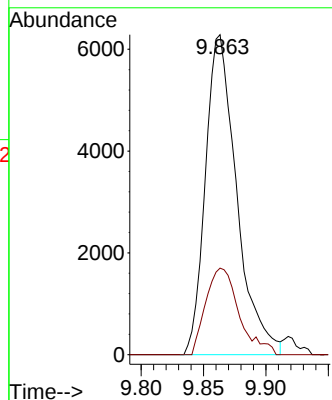
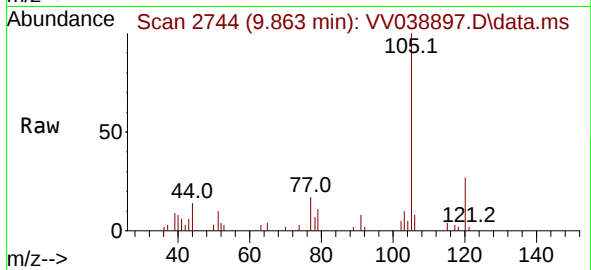
#73
Isopropylbenzene
Concen: 0.462 ug/l
RT: 9.863 min Scan# 2712
Delta R.T. 0.007 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:105 Resp: 10969
Ion Ratio Lower Upper
105 100
120 28.7 12.9 38.7

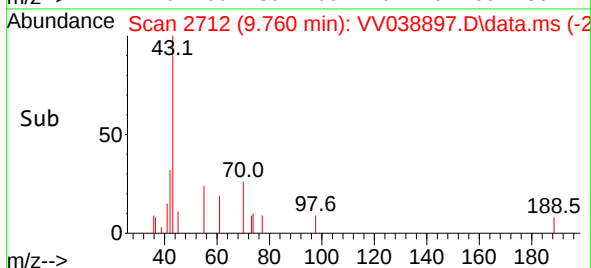
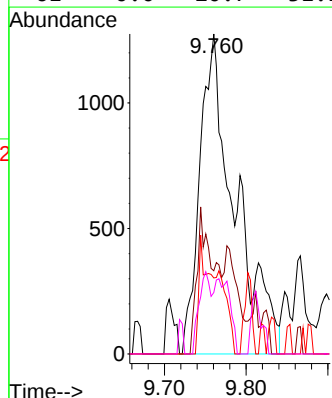
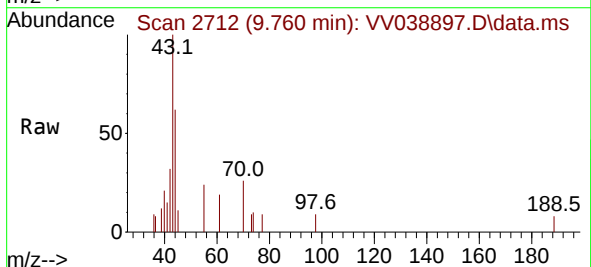
Manual Integrations
APPROVED

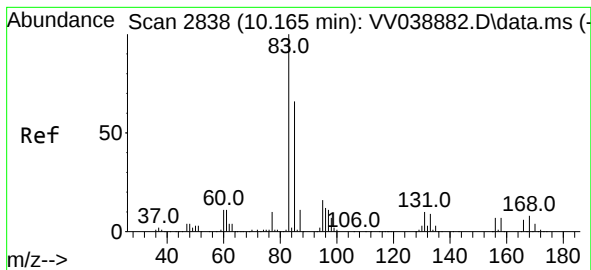
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#74
N-ethyl acetate
Concen: 0.437 ug/l m
RT: 9.760 min Scan# 2712
Delta R.T. 0.036 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 43 Resp: 3803
Ion Ratio Lower Upper
43 100
70 0.0 38.6 58.0#
55 0.0 21.8 32.8#
61 0.0 20.7 31.1#





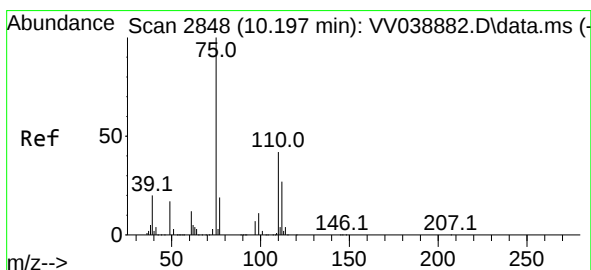
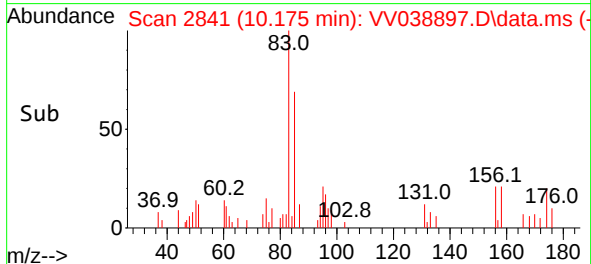
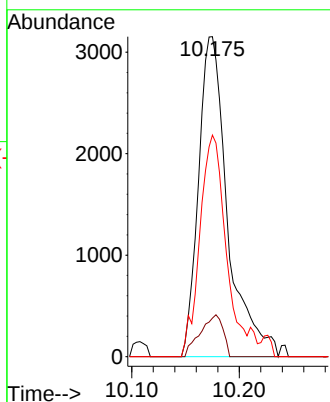
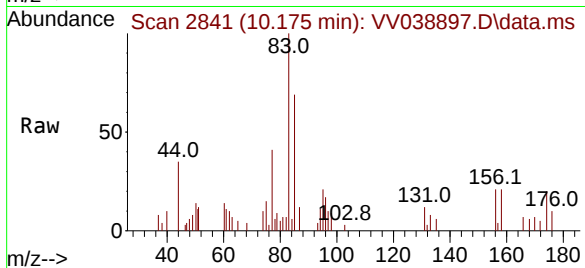
#75
1,1,2,2-Tetrachloroethane
Concen: 0.597 ug/l
RT: 10.175 min Scan# 2841
Delta R.T. 0.010 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 83 Resp: 5932
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.4
85 63.5 32.6 97.7

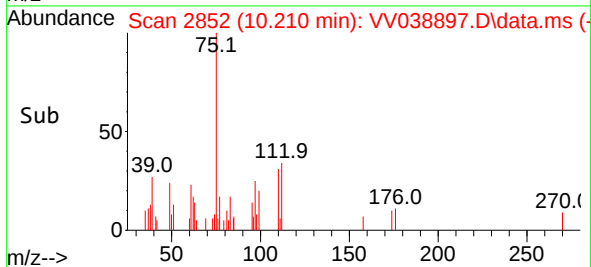
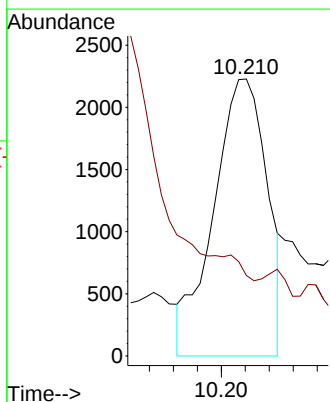
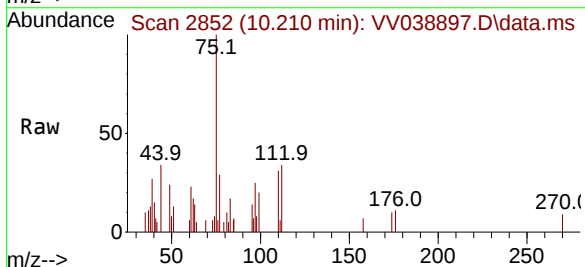
Manual Integrations
APPROVED

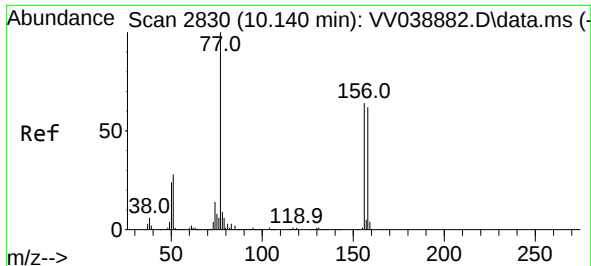
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#76
1,2,3-Trichloropropane
Concen: 0.467 ug/l m
RT: 10.210 min Scan# 2852
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

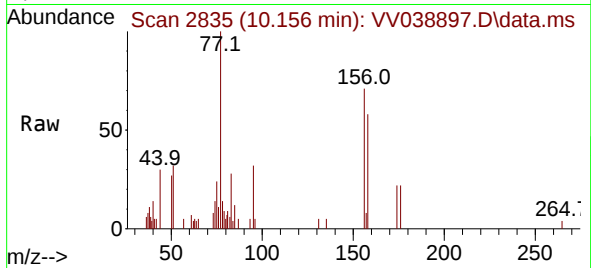
Tgt Ion: 75 Resp: 3450
Ion Ratio Lower Upper
75 100
77 84.6 17.4 52.3#





#77
Bromobenzene
Concen: 0.576 ug/l
RT: 10.156 min Scan# 2835
Delta R.T. 0.016 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

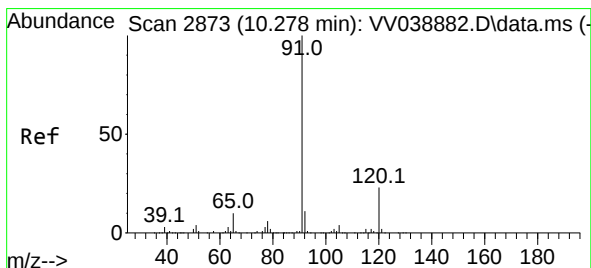
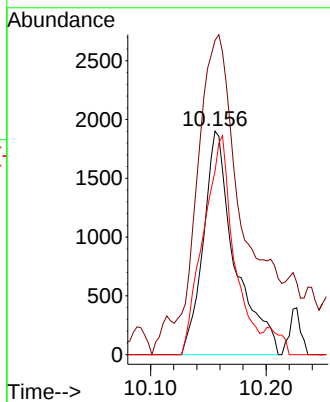
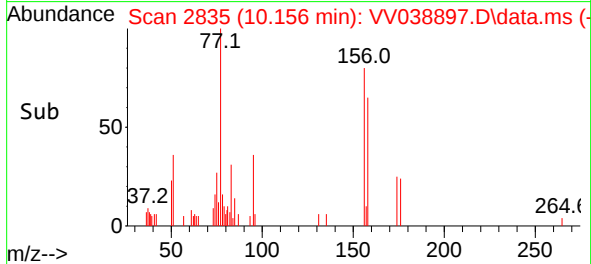
Instrument :
MSVOA_V
ClientSampleId :
MDL01



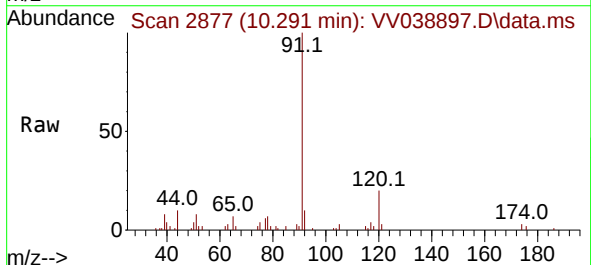
Tgt Ion:156 Resp: 3584
Ion Ratio Lower Upper
156 100
77 171.6 77.2 231.6
158 94.8 48.4 145.3

Manual Integrations
APPROVED

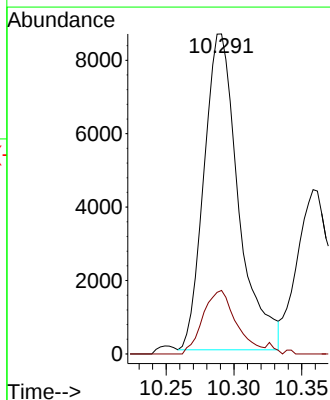
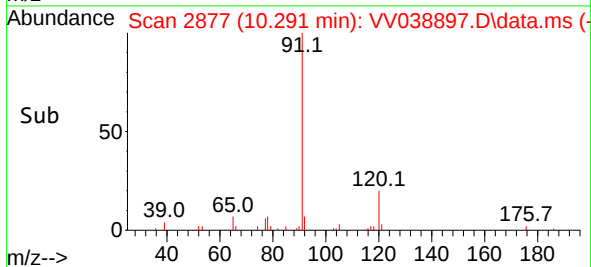
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025

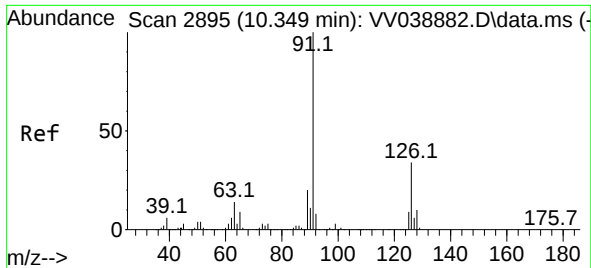


#78
n-propylbenzene
Concen: 0.551 ug/l
RT: 10.291 min Scan# 2877
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55



Tgt Ion: 91 Resp: 15271
Ion Ratio Lower Upper
91 100
120 19.4 11.6 34.8





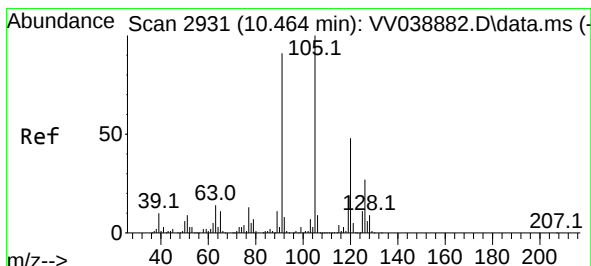
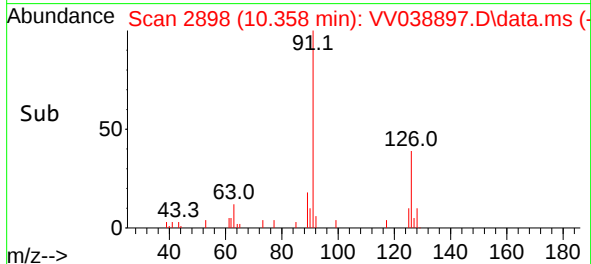
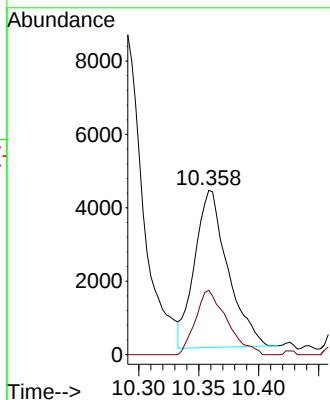
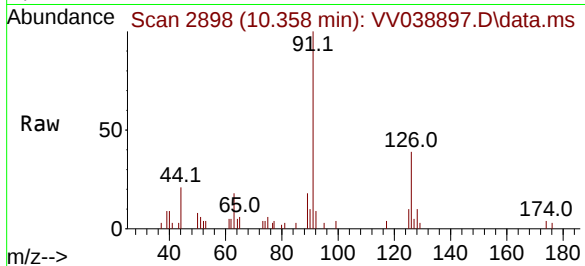
#79
2-Chlorotoluene
Concen: 0.465 ug/l
RT: 10.358 min Scan# 2895
Delta R.T. 0.010 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 91 Resp: 8204
Ion Ratio Lower Upper
91 100
126 39.0 17.1 51.2

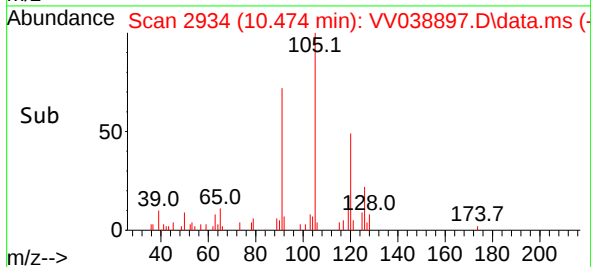
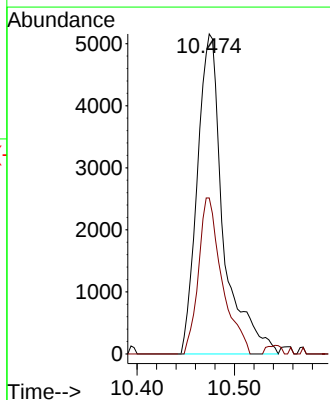
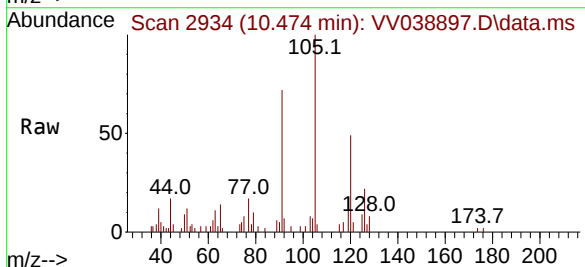
Manual Integrations
APPROVED

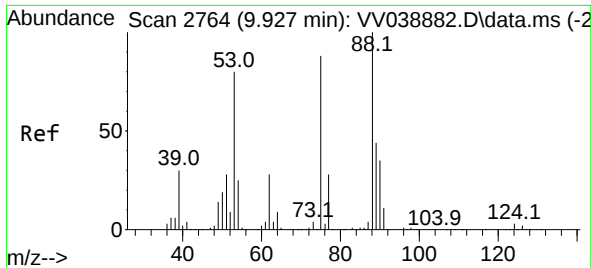
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.477 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.010 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

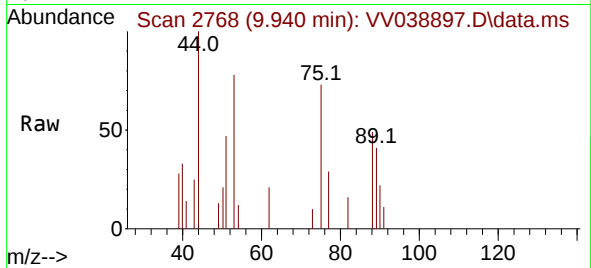
Tgt Ion:105 Resp: 9550
Ion Ratio Lower Upper
105 100
120 44.2 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 0.527 ug/l m
RT: 9.940 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

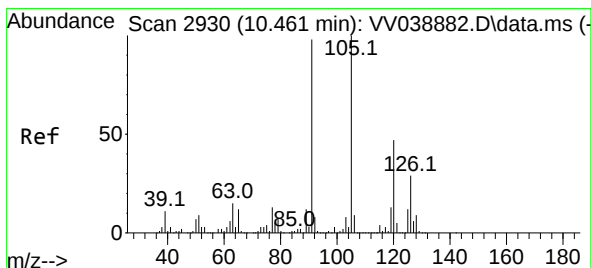
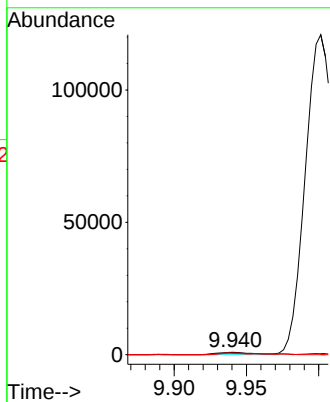
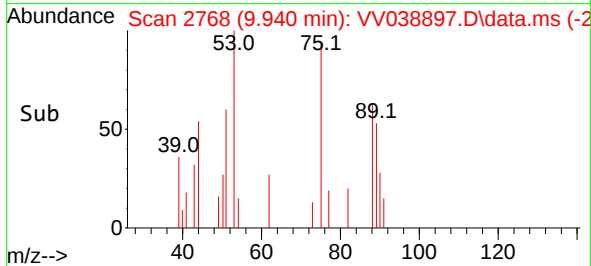
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion: 75 Resp: 159
Ion Ratio Lower Upper
75 100
53 28.7 71.3 106.9
89 6.5 42.2 63.2

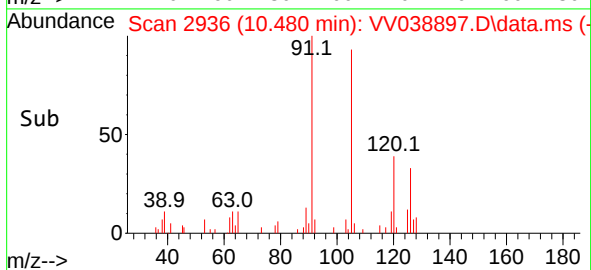
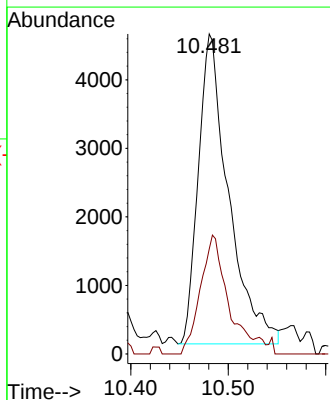
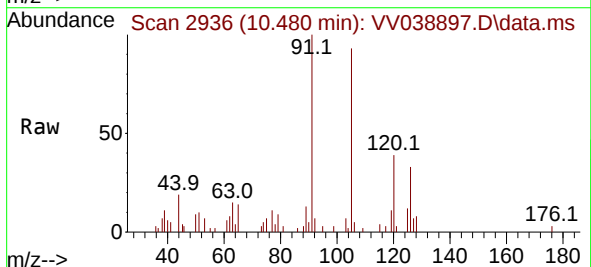
Manual Integrations
APPROVED

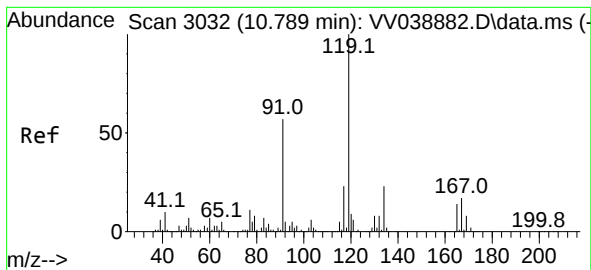
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#82
4-Chlorotoluene
Concen: 0.493 ug/l
RT: 10.480 min Scan# 2936
Delta R.T. 0.019 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 91 Resp: 9724
Ion Ratio Lower Upper
91 100
126 34.4 14.9 44.9





#83

tert-Butylbenzene

Concen: 0.500 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

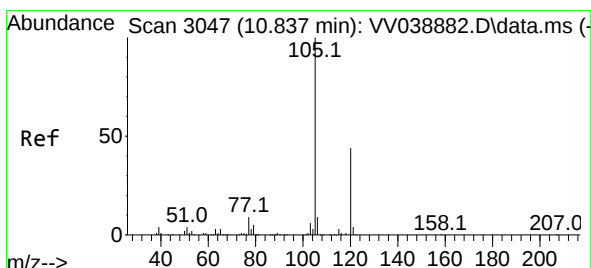
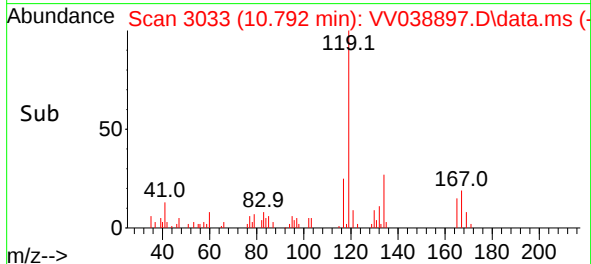
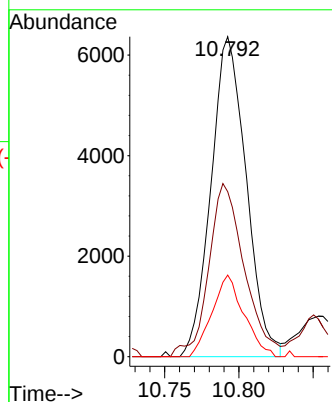
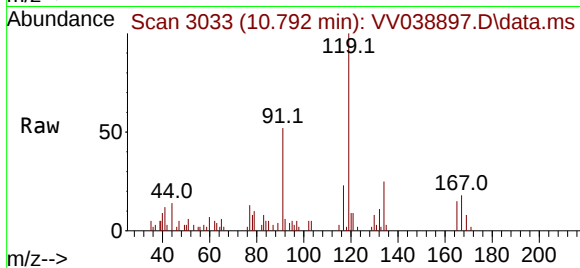
MDL01

Tgt Ion:	119	Resp:	10494
Ion Ratio	Lower	Upper	
119	100		
91	54.7	28.1	84.2
134	23.1	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#84

1,2,4-Trimethylbenzene

Concen: 0.457 ug/l

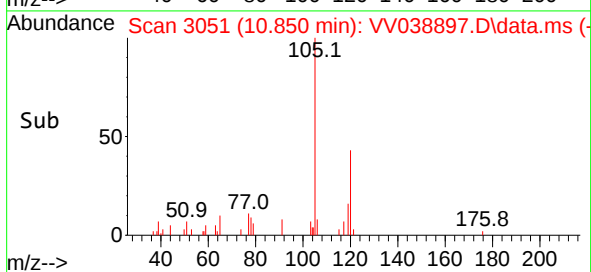
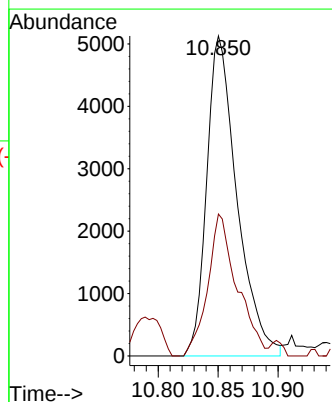
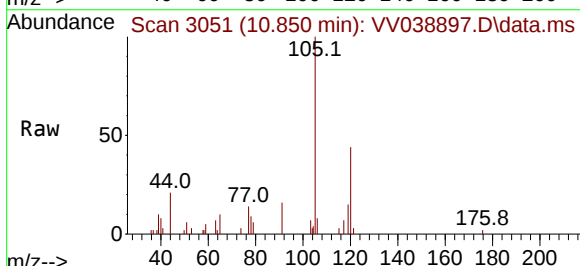
RT: 10.850 min Scan# 3051

Delta R.T. 0.013 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Tgt Ion:	105	Resp:	9008
Ion Ratio	Lower	Upper	
105	100		
120	42.9	22.6	67.8





#85

sec-Butylbenzene

Concen: 0.461 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion:105 Resp: 12350

Ion Ratio Lower Upper

105 100

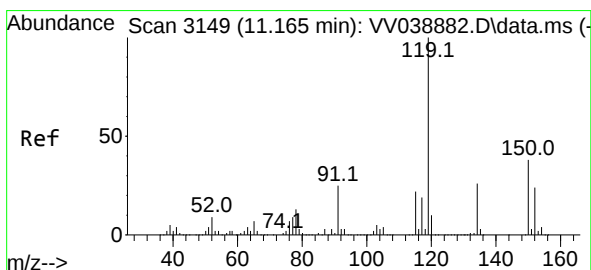
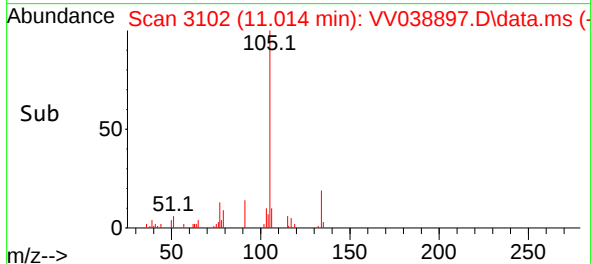
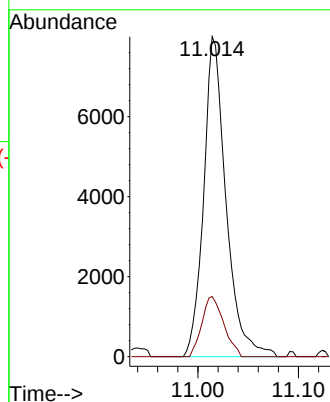
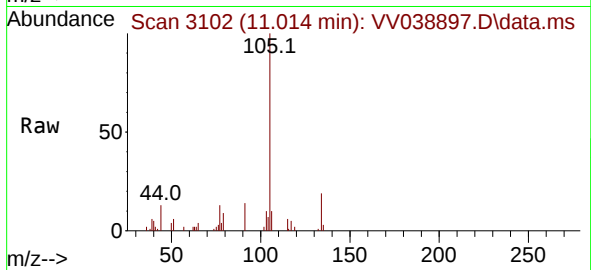
134 18.3 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025

Supervised By :Semsettin Yesilyurt 07/16/2025



#86

p-Isopropyltoluene

Concen: 0.491 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.010 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

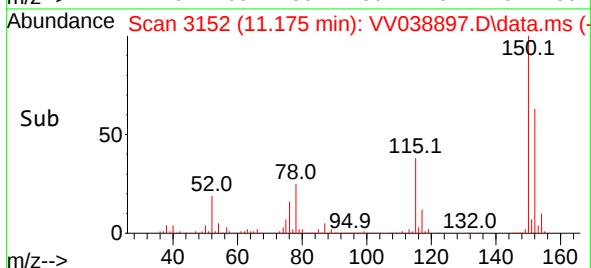
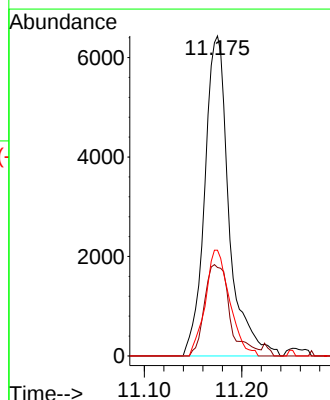
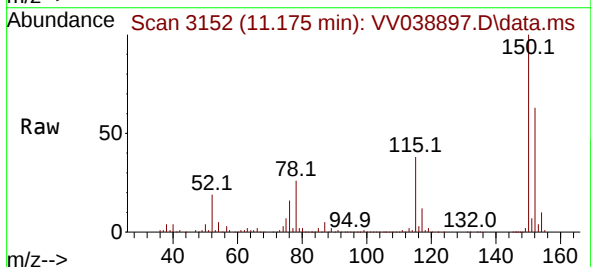
Tgt Ion:119 Resp: 11160

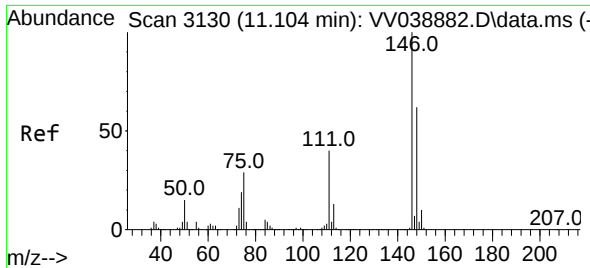
Ion Ratio Lower Upper

119 100

134 29.9 13.1 39.3

91 33.0 12.3 36.8





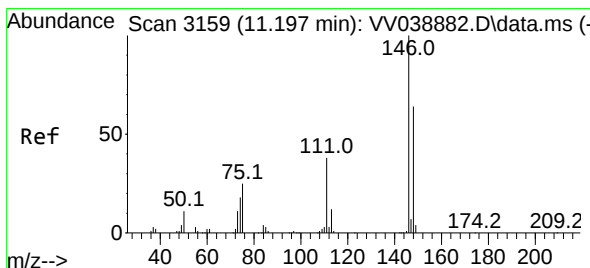
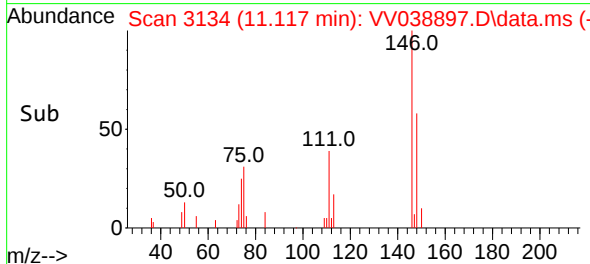
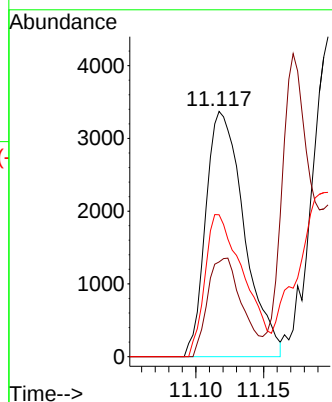
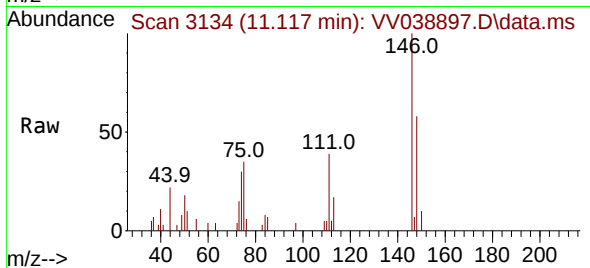
#87
1,3-Dichlorobenzene
Concen: 0.524 ug/l
RT: 11.117 min Scan# 3130
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:146 Resp: 6654
Ion Ratio Lower Upper
146 100
111 36.2 20.2 60.5
148 59.2 31.4 94.3

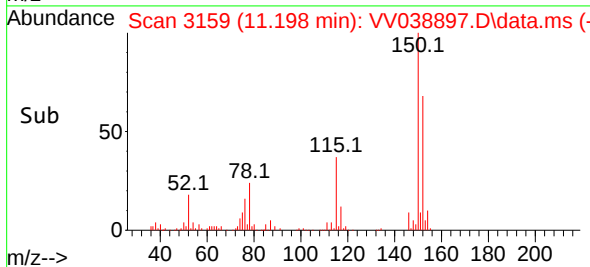
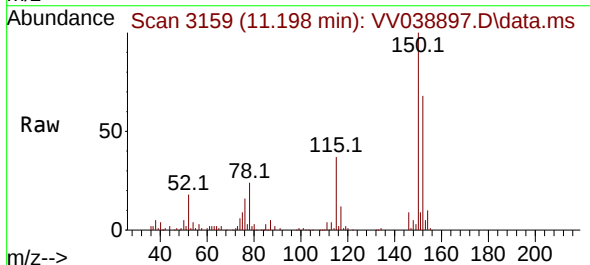
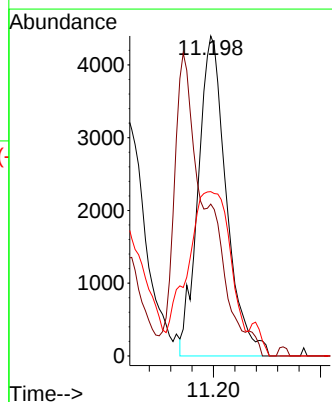
Manual Integrations
APPROVED

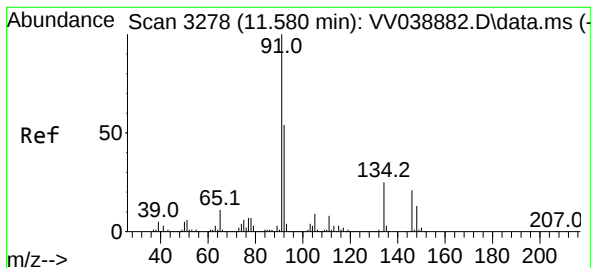
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#88
1,4-Dichlorobenzene
Concen: 0.582 ug/l m
RT: 11.198 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion:146 Resp: 8043
Ion Ratio Lower Upper
146 100
111 29.9 19.8 59.3
148 49.0 32.1 96.5





#89

n-Butylbenzene

Concen: 0.455 ug/l

RT: 11.593 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

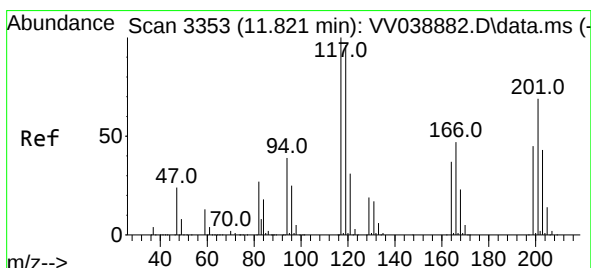
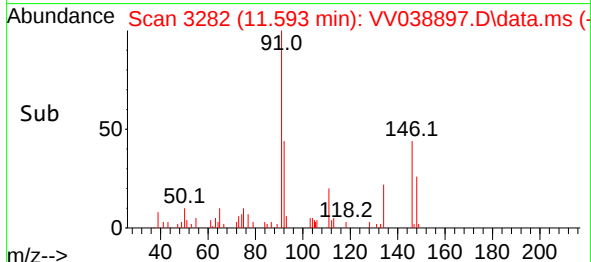
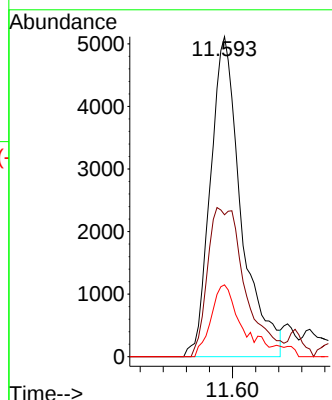
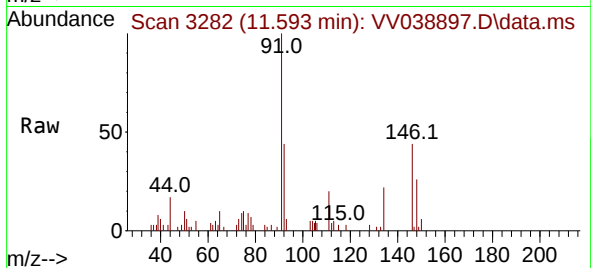
MDL01

Tgt Ion: 91	Resp: 9449
Ion Ratio	Lower Upper
91	100
92	57.0 26.7 80.1
134	20.1 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#90

Hexachloroethane

Concen: 0.513 ug/l

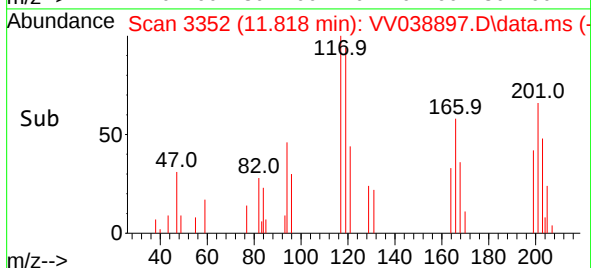
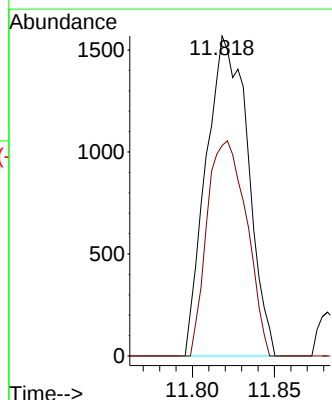
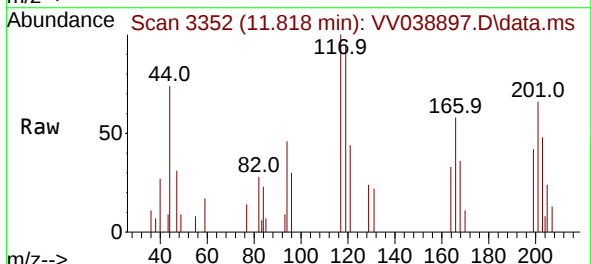
RT: 11.818 min Scan# 3352

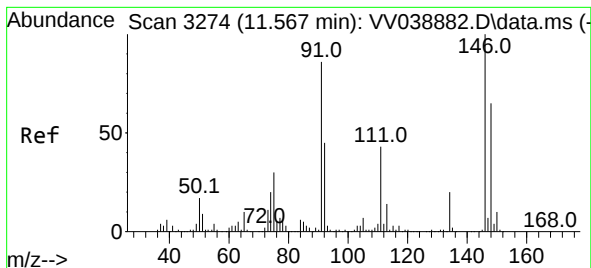
Delta R.T. -0.003 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Tgt Ion:117	Resp: 2773
Ion Ratio	Lower Upper
117	100
201	63.6 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 0.550 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

MDL01

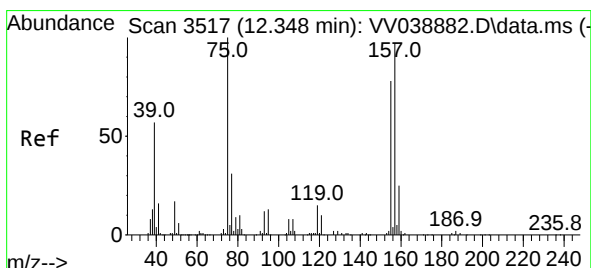
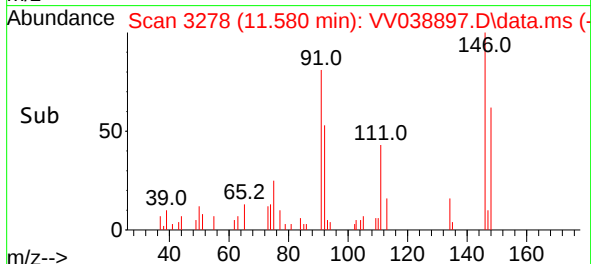
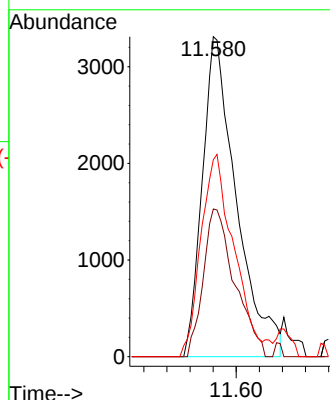
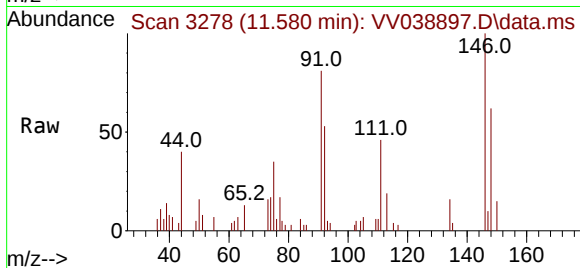
Tgt Ion:146 Resp: 6789

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.4	64.3
148	62.0	32.0	96.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.569 ug/l

RT: 12.368 min Scan# 3523

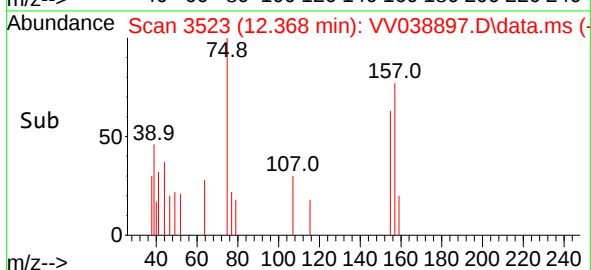
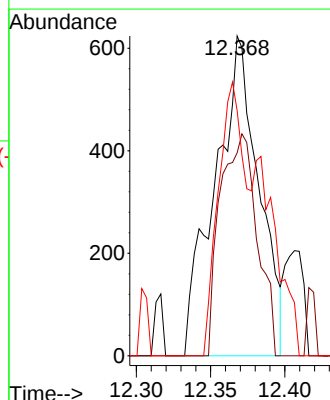
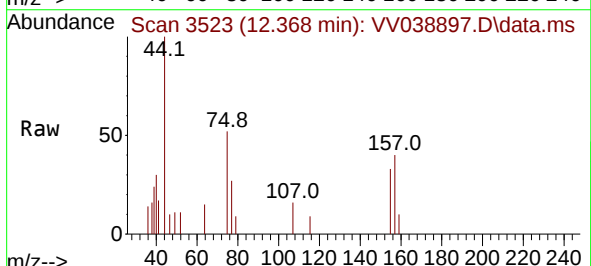
Delta R.T. 0.019 min

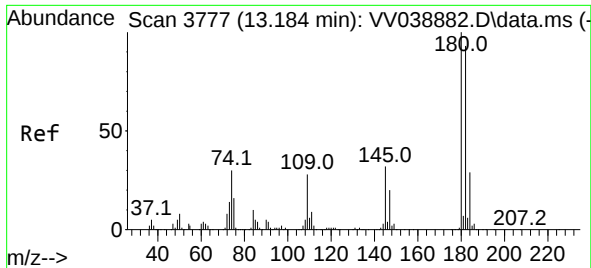
Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Tgt Ion: 75 Resp: 1278

Ion	Ratio	Lower	Upper
75	100		
155	58.7	40.2	120.6
157	54.3	51.1	153.3





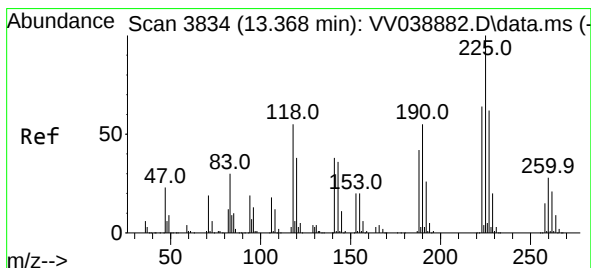
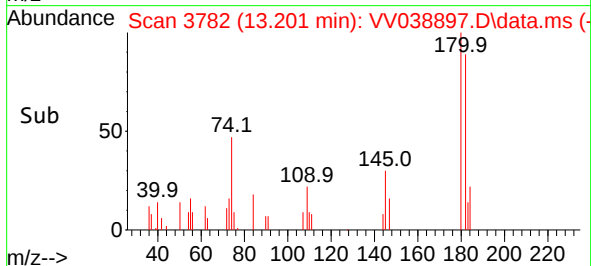
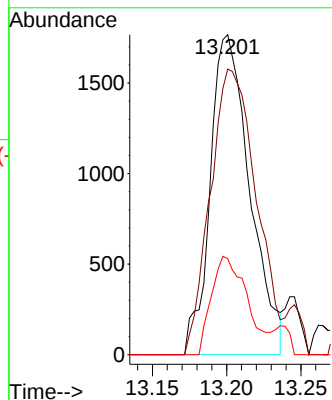
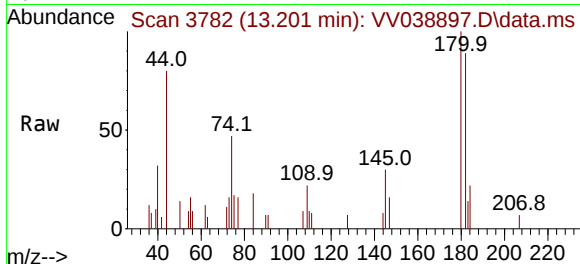
#93
1,2,4-Trichlorobenzene
Concen: 0.450 ug/l
RT: 13.201 min Scan# 31
Delta R.T. 0.016 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:180 Resp: 3279
Ion Ratio Lower Upper
180 100
182 103.0 47.4 142.3
145 27.2 16.2 48.6

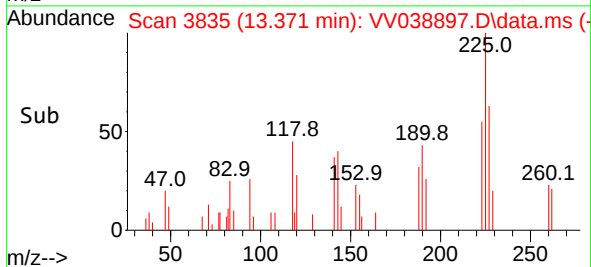
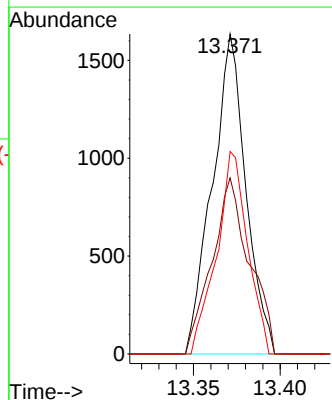
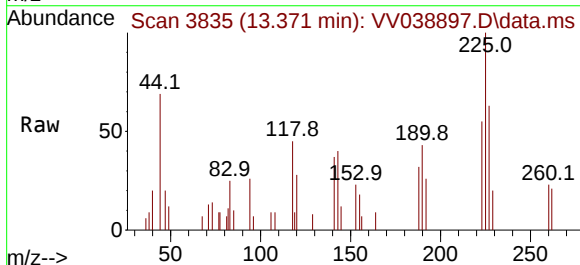
Manual Integrations
APPROVED

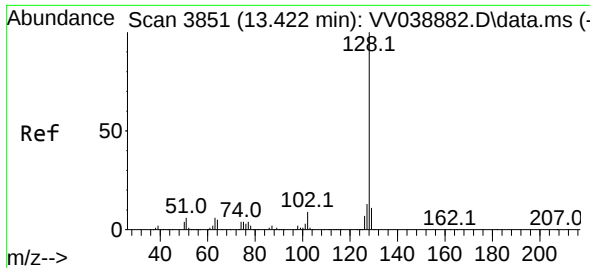
Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#94
Hexachlorobutadiene
Concen: 0.587 ug/l
RT: 13.371 min Scan# 3835
Delta R.T. 0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

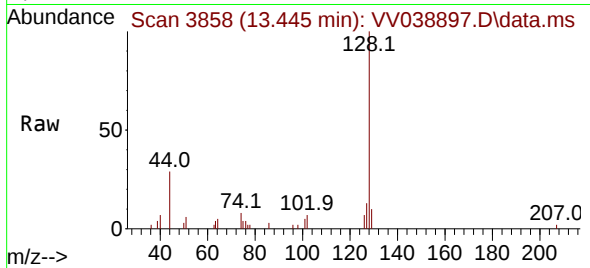
Tgt Ion:225 Resp: 2202
Ion Ratio Lower Upper
225 100
223 61.4 32.4 97.2
227 58.5 31.3 93.9





#95
Naphthalene
Concen: 0.468 ug/l m
RT: 13.445 min Scan# 3911
Delta R.T. 0.023 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

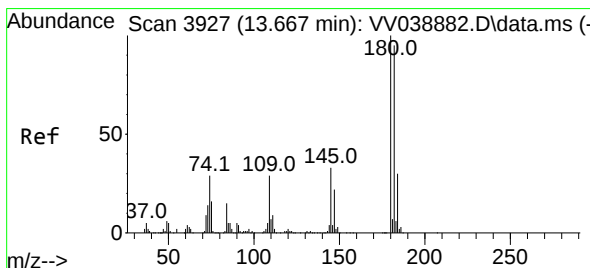
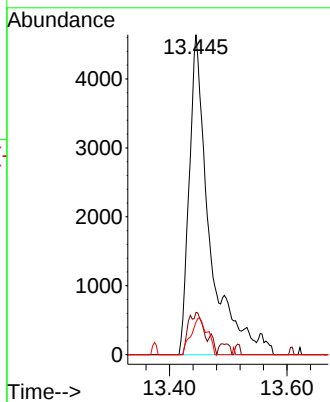
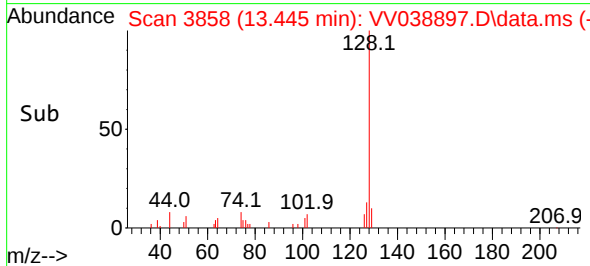
Instrument :
MSVOA_V
ClientSampleId :
MDL01



Tgt Ion:128 Resp: 1119
Ion Ratio Lower Upper
128 100
127 9.6 10.5 15.7
129 9.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025
Supervised By :Semsettin Yesilyurt 07/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.466 ug/l
RT: 13.680 min Scan# 3931
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion:180 Resp: 3520
Ion Ratio Lower Upper
180 100
182 112.0 47.0 141.2
145 32.2 17.0 51.0

