

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW070325\
 Data File : VW038861.D
 Acq On : 03 Jul 2025 15:03
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 08:24:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 07 08:22:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	440867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	744228	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	701675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	355671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	273645	55.383	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 110.760%			
35) Dibromofluoromethane	4.500	113	242871	51.520	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 103.040%			
50) Toluene-d8	7.236	98	727961	47.729	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 95.460%			
62) 4-Bromofluorobenzene	10.001	95	304334	49.388	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 98.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.118	85	12928	3.089	ug/l	98
3) Chloromethane	1.230	50	14456	2.815	ug/l	96
4) Vinyl Chloride	1.294	62	14028	2.938	ug/l	93
5) Bromomethane	1.494	94	12495	4.288	ug/l	88
6) Chloroethane	1.558	64	9508	2.970	ug/l	100
7) Trichlorofluoromethane	1.725	101	24128	2.856	ug/l	97
8) Diethyl Ether	1.921	74	8616	2.931	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	15778	3.303	ug/l	92
10) Methyl Iodide	2.195	142	11846	1.954	ug/l	96
11) Tert butyl alcohol	2.571	59	9480	14.699	ug/l	98
12) 1,1-Dichloroethene	2.082	96	13074	2.880	ug/l	95
13) Acrolein	2.018	56	2853	17.716	ug/l #	79
14) Allyl chloride	2.362	41	19158	3.138	ug/l #	89
15) Acrylonitrile	2.690	53	33503	14.850	ug/l	91
16) Acetone	2.121	43	26946	16.365	ug/l	99
17) Carbon Disulfide	2.253	76	34192	3.251	ug/l	98
18) Methyl Acetate	2.397	43	13531	2.410	ug/l	95
19) Methyl tert-butyl Ether	2.712	73	40868	2.911	ug/l	96
20) Methylene Chloride	2.455	84	17136	3.149	ug/l	95
21) trans-1,2-Dichloroethene	2.709	96	13577	2.990	ug/l	93
22) Diisopropyl ether	3.220	45	32866	2.626	ug/l #	67
23) Vinyl Acetate	3.208	43	105184	11.653	ug/l	97
24) 1,1-Dichloroethane	3.121	63	25435	3.014	ug/l	98
25) 2-Butanone	3.908	43	29021m	11.919	ug/l	
26) 2,2-Dichloropropane	3.815	77	22628	2.893	ug/l	77
27) cis-1,2-Dichloroethene	3.834	96	14918	2.819	ug/l	91
28) Bromochloromethane	4.156	49	10421	2.889	ug/l #	97
29) Tetrahydrofuran	4.252	42	17747	10.762	ug/l #	74
30) Chloroform	4.285	83	28566	3.107	ug/l	92
31) Cyclohexane	4.587	56	26983	4.038	ug/l #	69
32) 1,1,1-Trichloroethane	4.516	97	24453	2.866	ug/l	95
36) 1,1-Dichloropropene	4.757	75	14533	2.541	ug/l	96
37) Ethyl Acetate	4.021	43	18512m	3.171	ug/l	
38) Carbon Tetrachloride	4.741	117	21568	2.865	ug/l #	90
39) Methylcyclohexane	6.047	83	19337	2.585	ug/l	88
40) Benzene	5.021	78	53214	2.817	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.214	41	2470	0.985	ug/l #	4
42) 1,2-Dichloroethane	5.060	62	20307	3.037	ug/l	98
43) Isopropyl Acetate	5.217	43	20950	2.250	ug/l #	88
44) Trichloroethene	5.847	130	14024	2.845	ug/l	90
45) 1,2-Dichloropropane	6.098	63	12928	2.725	ug/l	91
46) Dibromomethane	6.243	93	10164	2.717	ug/l	96
47) Bromodichloromethane	6.436	83	21537	2.719	ug/l	98
48) Methyl methacrylate	6.339	41	7303	1.649	ug/l #	66
49) 1,4-Dioxane	6.320	88	3300	53.768	ug/l #	66
51) 4-Methyl-2-Pentanone	7.153	43	72264	12.298	ug/l	98
52) Toluene	7.317	92	34044	2.885	ug/l	95
53) t-1,3-Dichloropropene	7.593	75	19538	2.576	ug/l	93
54) cis-1,3-Dichloropropene	6.966	75	20188	2.604	ug/l	95
55) 1,1,2-Trichloroethane	7.770	97	14682	2.845	ug/l	98
56) Ethyl methacrylate	7.731	69	13131	1.934	ug/l #	87
57) 1,3-Dichloropropane	7.944	76	23220	2.856	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.825	63	36336	11.787	ug/l	100
59) 2-Hexanone	8.079	43	47078	11.359	ug/l	95
60) Dibromochloromethane	8.175	129	18027	2.774	ug/l	98
61) 1,2-Dibromoethane	8.284	107	15838	2.966	ug/l	93
64) Tetrachloroethene	7.902	164	13303	2.948	ug/l	95
65) Chlorobenzene	8.809	112	41542	2.809	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.902	131	15967	2.892	ug/l	98
67) Ethyl Benzene	8.944	91	58166	2.511	ug/l	98
68) m/p-Xylenes	9.069	106	42636	4.805	ug/l	99
69) o-Xylene	9.471	106	20066	2.367	ug/l	98
70) Styrene	9.500	104	33181	2.242	ug/l	98
71) Bromoform	9.661	173	12793	2.851	ug/l #	96
73) Isopropylbenzene	9.860	105	56356	2.700	ug/l	99
74) N-amyl acetate	9.738	43	15620	2.138	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.172	83	23585	3.117	ug/l	99
76) 1,2,3-Trichloropropane	10.204	75	17163	3.119	ug/l	97
77) Bromobenzene	10.149	156	15703	2.916	ug/l	96
78) n-propylbenzene	10.284	91	66397	2.673	ug/l	97
79) 2-Chlorotoluene	10.355	91	42517	2.818	ug/l	98
80) 1,3,5-Trimethylbenzene	10.468	105	45955	2.575	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.937	75	6529	2.525	ug/l	93
82) 4-Chlorotoluene	10.471	91	43539	2.503	ug/l	95
83) tert-Butylbenzene	10.789	119	49004	2.647	ug/l	94
84) 1,2,4-Trimethylbenzene	10.844	105	41502	2.373	ug/l	99
85) sec-Butylbenzene	11.014	105	60656	2.574	ug/l	100
86) p-Isopropyltoluene	11.169	119	51427	2.545	ug/l	98
87) 1,3-Dichlorobenzene	11.114	146	30590	2.794	ug/l	96
88) 1,4-Dichlorobenzene	11.201	146	33196	2.878	ug/l	90
89) n-Butylbenzene	11.587	91	47728	2.549	ug/l	97
90) Hexachloroethane	11.821	117	12182	2.778	ug/l	98
91) 1,2-Dichlorobenzene	11.577	146	28847	2.796	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.361	75	4637	2.894	ug/l	96
93) 1,2,4-Trichlorobenzene	13.194	180	17201	2.572	ug/l	94
94) Hexachlorobutadiene	13.371	225	9250	2.866	ug/l	91
95) Naphthalene	13.432	128	45208	2.125	ug/l	98
96) 1,2,3-Trichlorobenzene	13.670	180	16110	2.334	ug/l	96

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MDL02

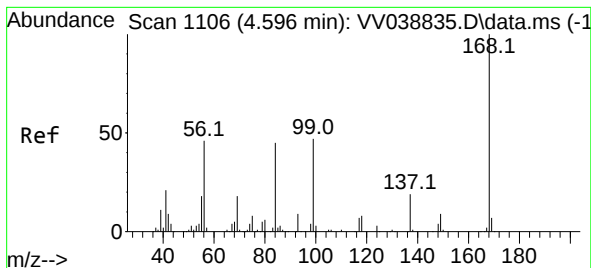
Manual Integrations
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Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025

Quant Time: Jul 07 08:24:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 07 08:22:59 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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 11

Delta R.T. 0.001 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion:168 Resp: 44086

Ion Ratio Lower Upper

168 100

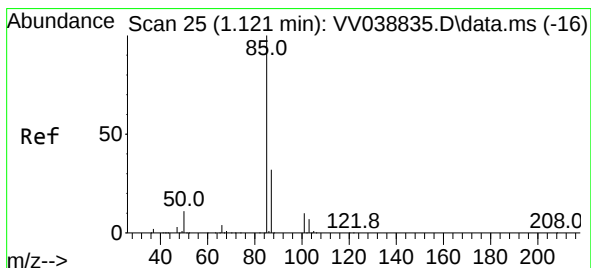
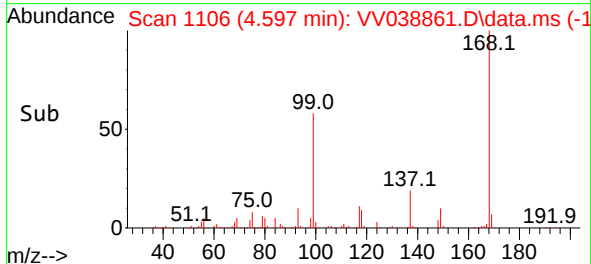
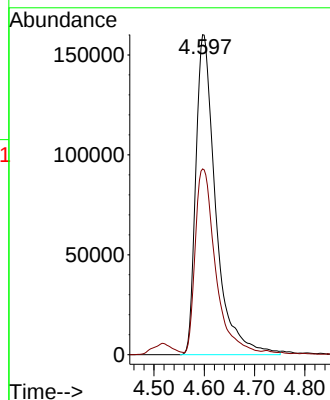
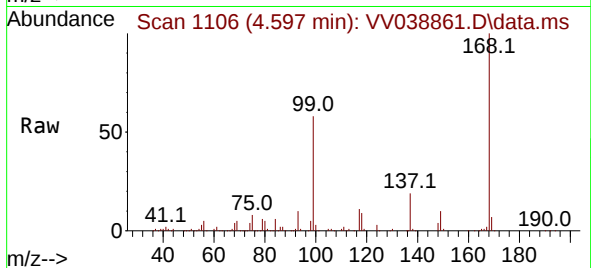
99 57.3 48.6 73.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 07/07/2025



#2

Dichlorodifluoromethane

Concen: 3.089 ug/l

RT: 1.118 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV038861.D

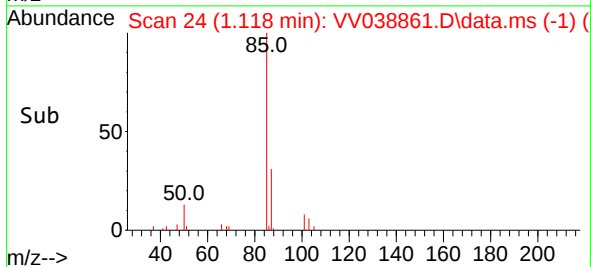
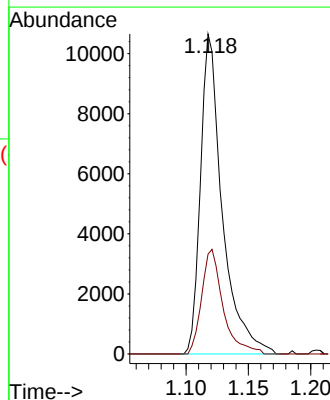
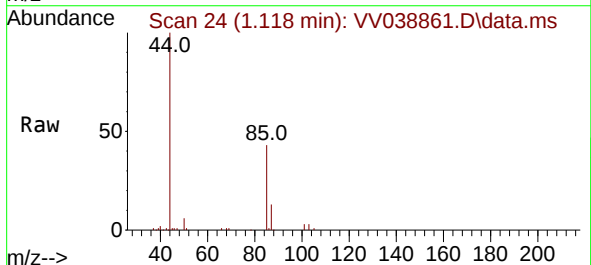
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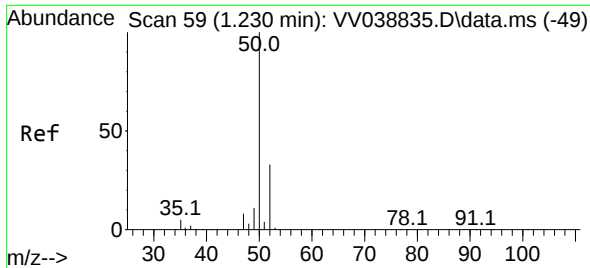
Tgt Ion: 85 Resp: 12928

Ion Ratio Lower Upper

85 100

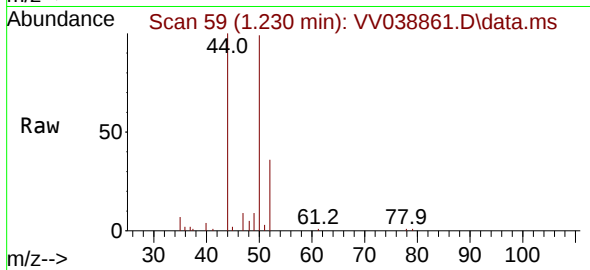
87 31.2 16.1 48.3





#3
Chloromethane
Concen: 2.815 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

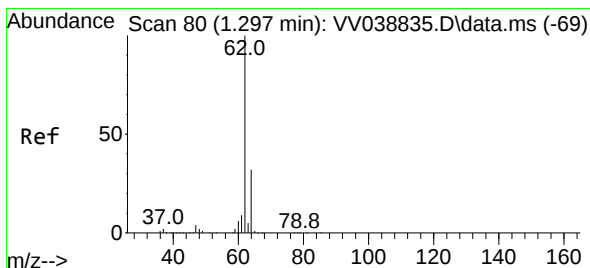
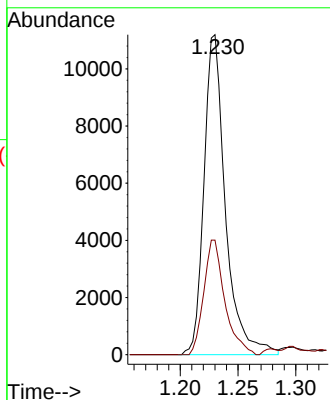
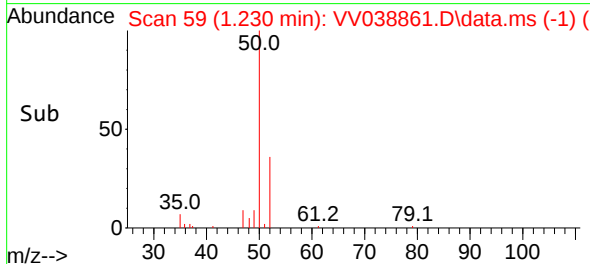
Instrument :
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ClientSampleId :
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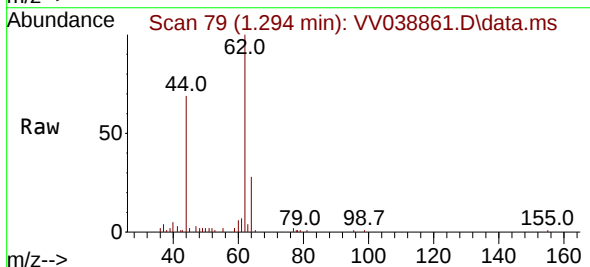
Tgt Ion: 50 Resp: 14450
Ion Ratio Lower Upper
50 100
52 35.8 26.7 40.1

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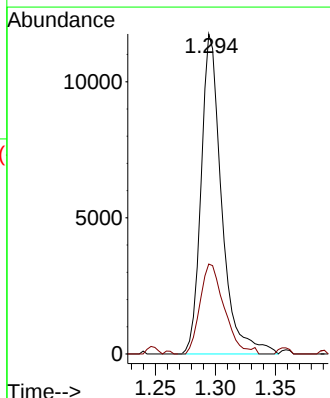
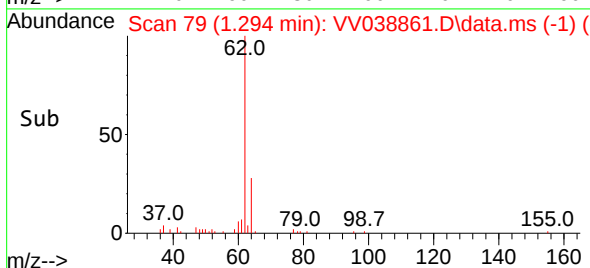
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025

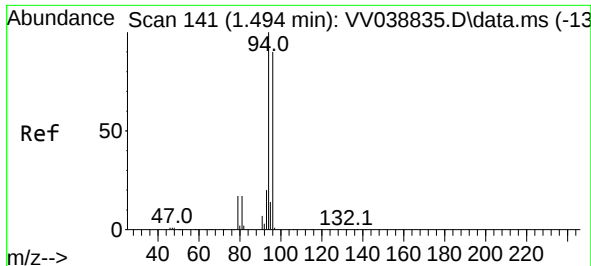


#4
Vinyl Chloride
Concen: 2.938 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03



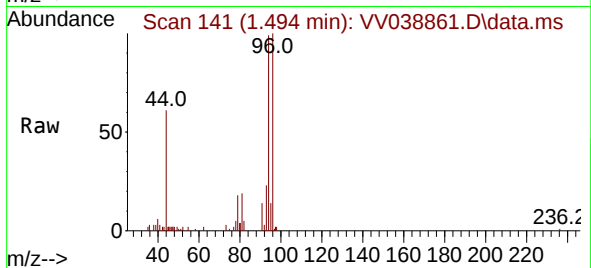
Tgt Ion: 62 Resp: 14028
Ion Ratio Lower Upper
62 100
64 28.1 25.5 38.3





#5
Bromomethane
Concen: 4.288 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

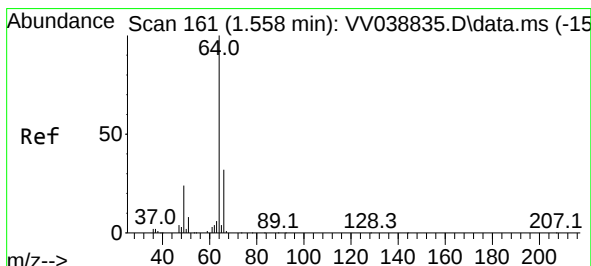
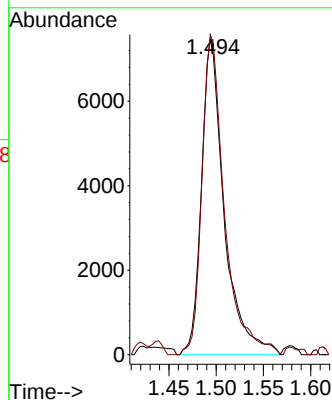
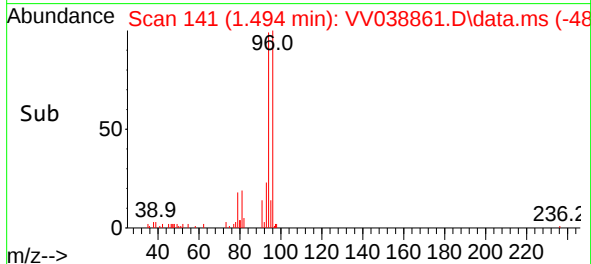
Instrument :
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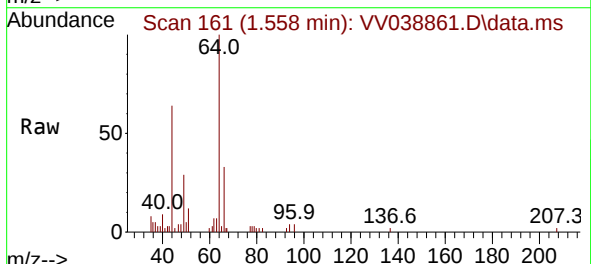
Tgt Ion: 94 Resp: 1249
Ion Ratio Lower Upper
94 100
96 101.4 72.2 108.4

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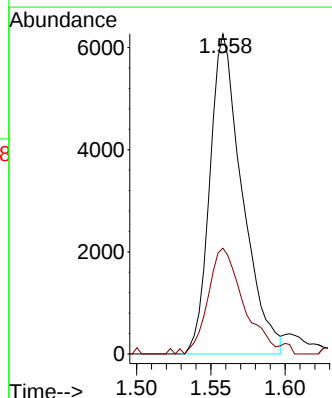
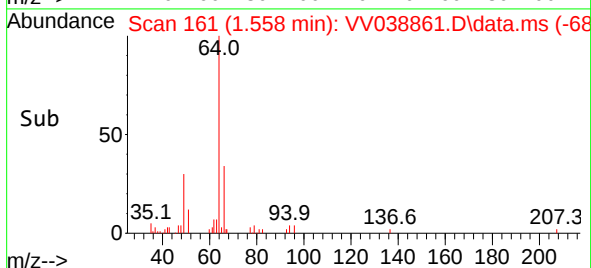
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#6
Chloroethane
Concen: 2.970 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03



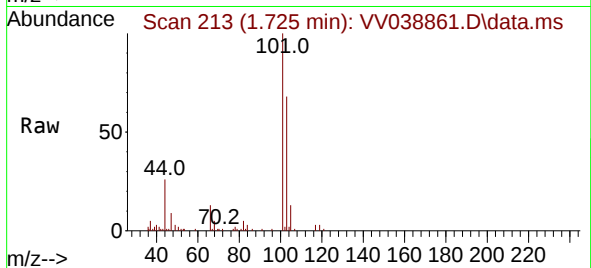
Tgt Ion: 64 Resp: 9508
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 2.856 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03

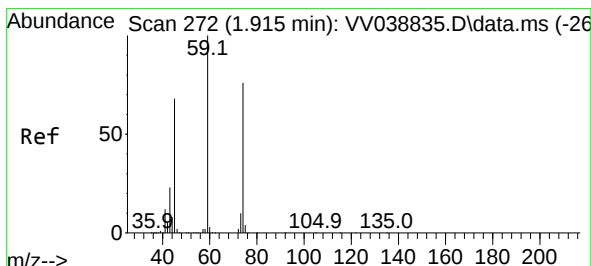
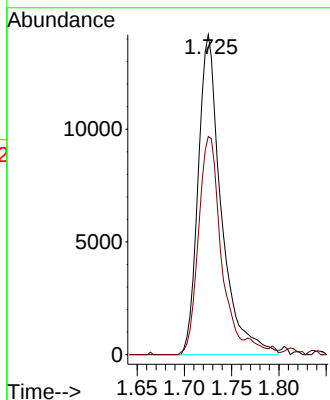
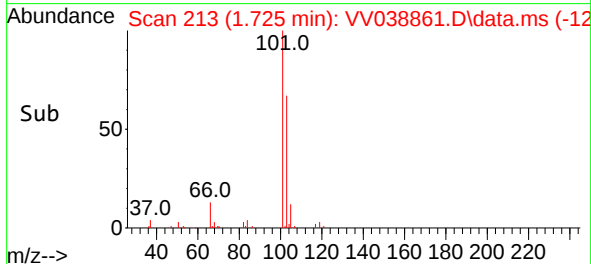
Instrument :
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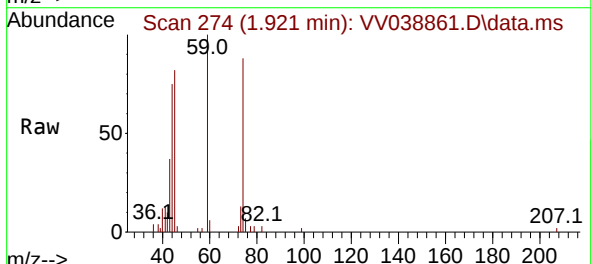
Tgt Ion: 101 Resp: 24128
 Ion Ratio Lower Upper
 101 100
 103 68.2 52.8 79.2

Manual Integrations
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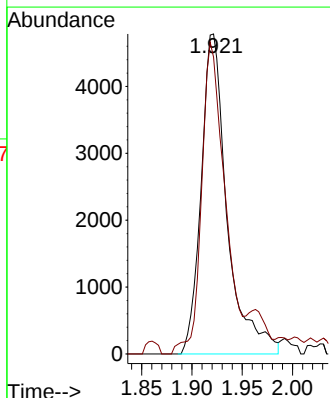
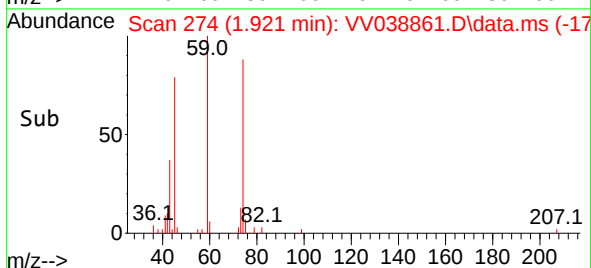
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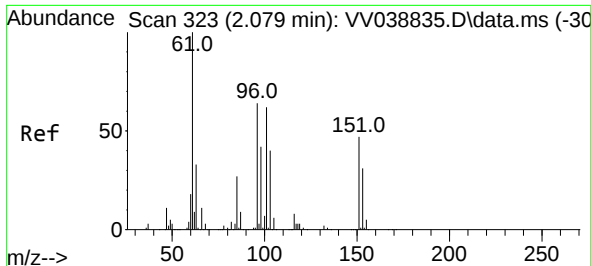


#8
 Diethyl Ether
 Concen: 2.931 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.007 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03



Tgt Ion: 74 Resp: 8616
 Ion Ratio Lower Upper
 74 100
 45 87.1 43.9 131.7





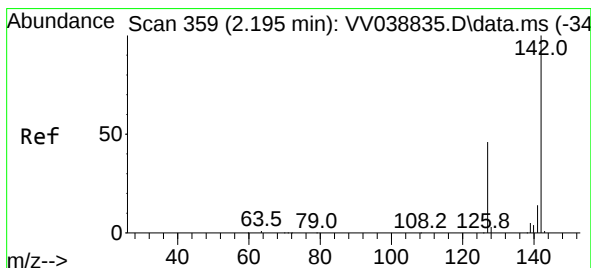
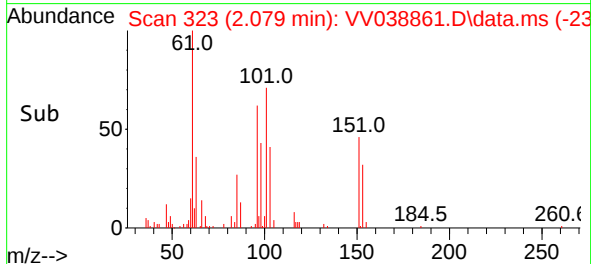
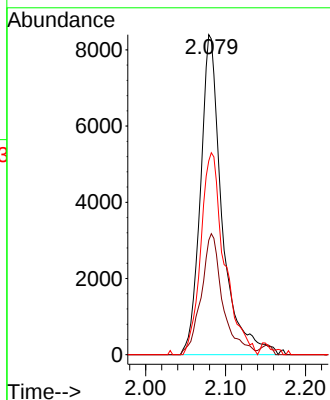
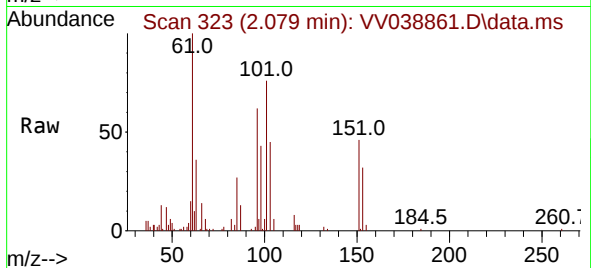
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.303 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

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Tgt Ion:101 Resp: 15778
Ion Ratio Lower Upper
101 100
85 37.8 34.6 52.0
151 68.7 60.4 90.6

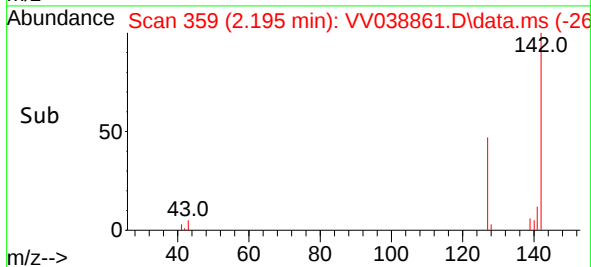
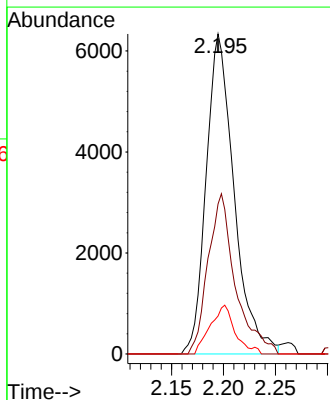
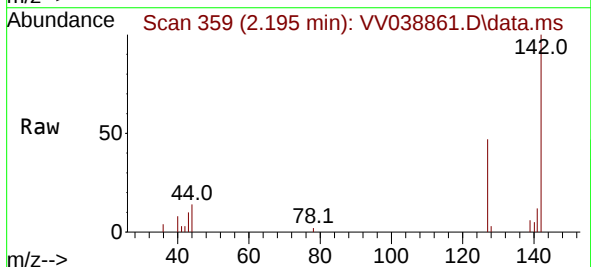
Manual Integrations
APPROVED

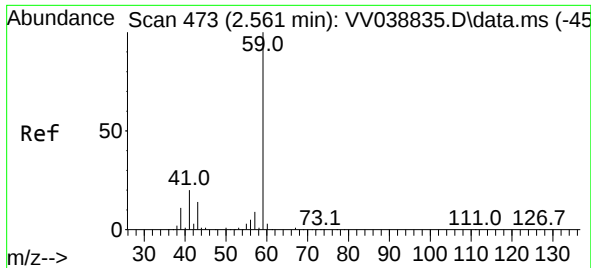
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#10
Methyl Iodide
Concen: 1.954 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion:142 Resp: 11846
Ion Ratio Lower Upper
142 100
127 48.8 36.9 55.3
141 13.5 11.8 17.8





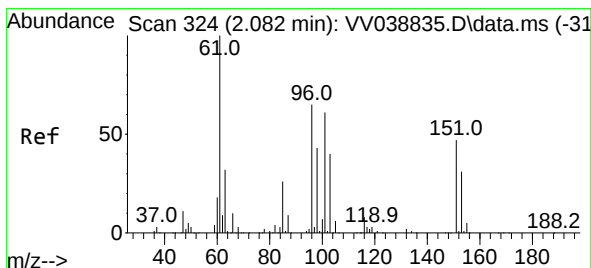
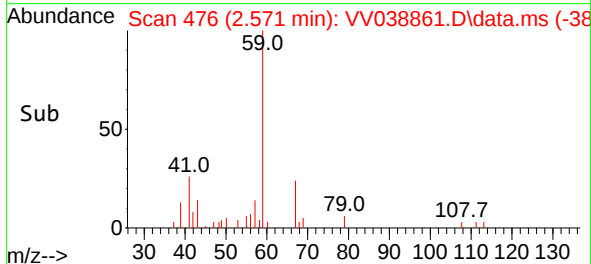
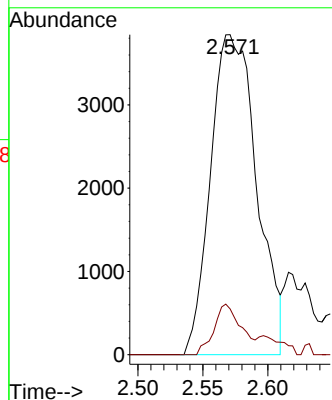
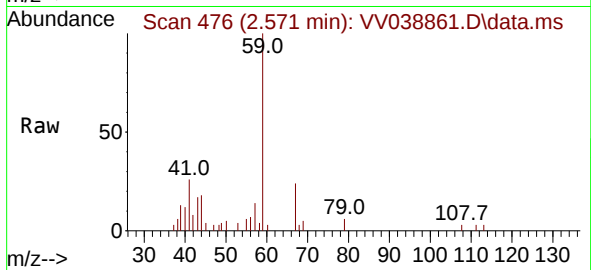
#11
Tert butyl alcohol
Concen: 14.699 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 59 Resp: 9480
Ion Ratio Lower Upper
59 100
57 9.4 8.0 12.0

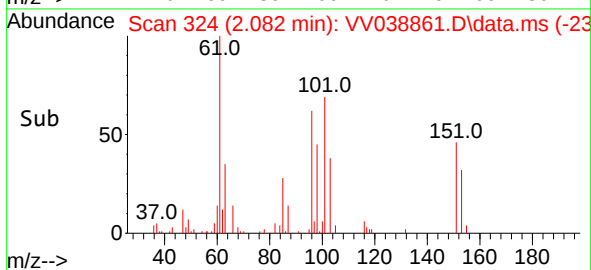
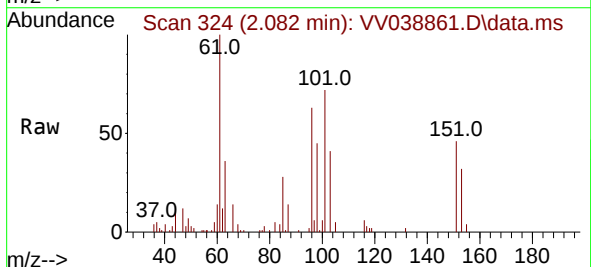
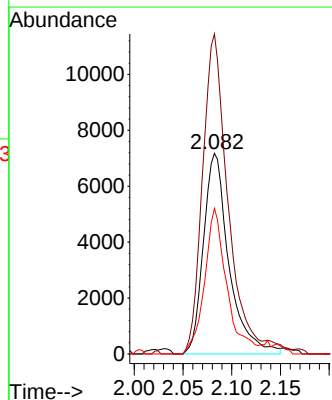
Manual Integrations
APPROVED

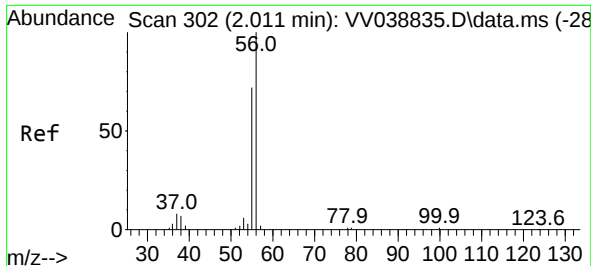
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#12
1,1-Dichloroethene
Concen: 2.880 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

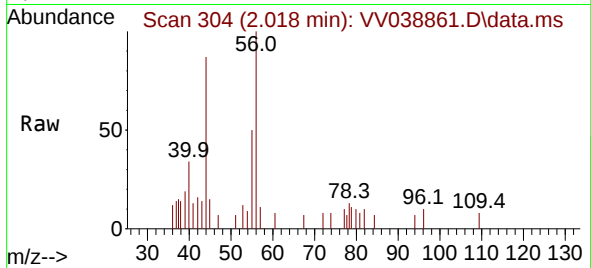
Tgt Ion: 96 Resp: 13074
Ion Ratio Lower Upper
96 100
61 159.5 123.5 185.3
98 72.5 52.5 78.7





#13
Acrolein
Concen: 17.716 ug/l
RT: 2.018 min Scan# 302
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

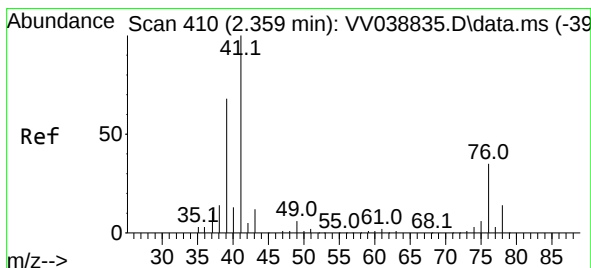
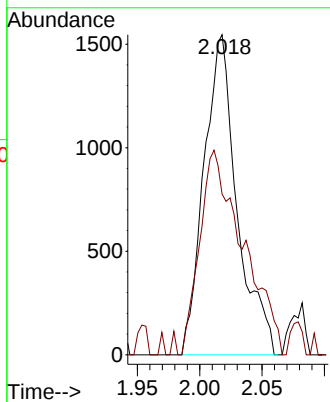
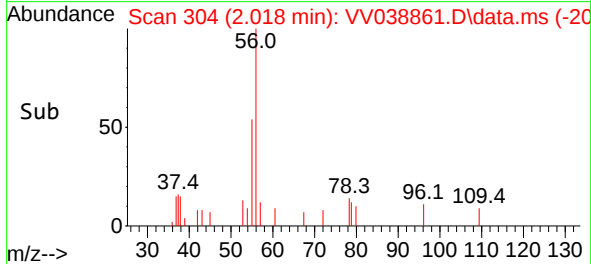
Instrument :
MSVOA_V
ClientSampleId :
MDL02



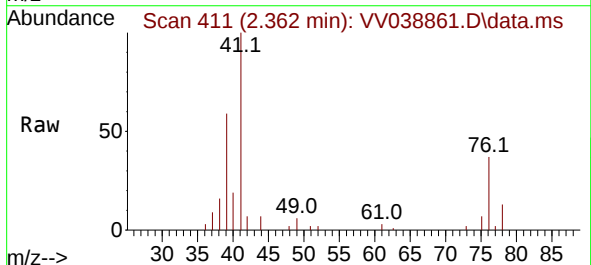
Tgt Ion: 56 Resp: 285
Ion Ratio Lower Upper
56 100
55 83.4 53.4 80.2

Manual Integrations
APPROVED

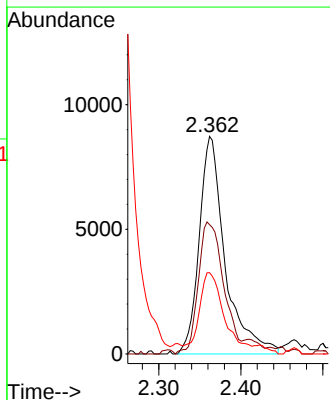
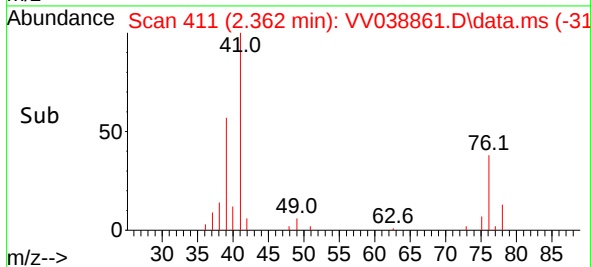
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025

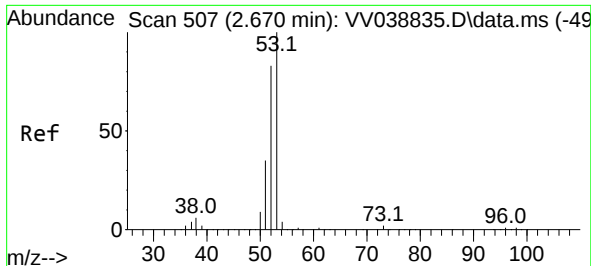


#14
Allyl chloride
Concen: 3.138 ug/l
RT: 2.362 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03



Tgt Ion: 41 Resp: 19158
Ion Ratio Lower Upper
41 100
39 58.8 51.0 76.4
76 29.8 33.6 50.4





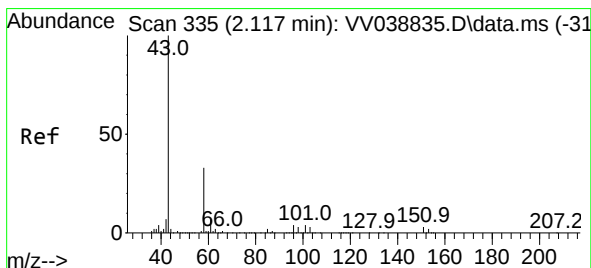
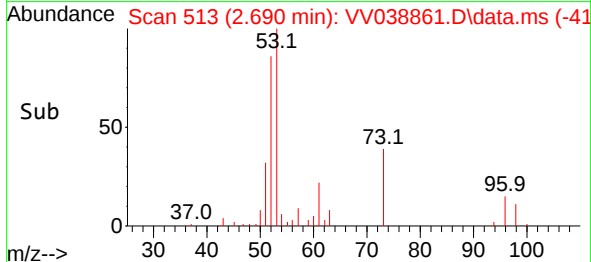
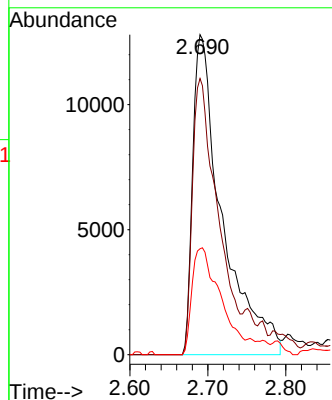
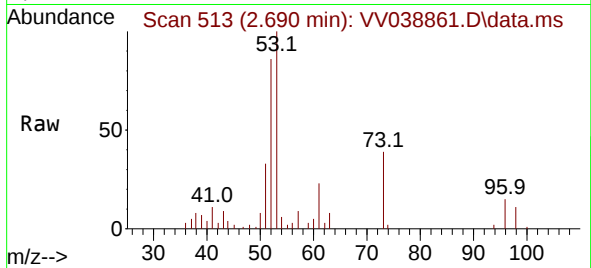
#15
Acrylonitrile
Concen: 14.850 ug/l
RT: 2.690 min Scan# 513
Delta R.T. 0.019 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 53 Resp: 3350
Ion Ratio Lower Upper
53 100
52 73.2 65.8 98.6
51 32.2 28.5 42.7

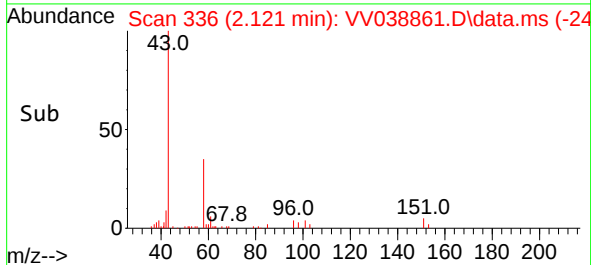
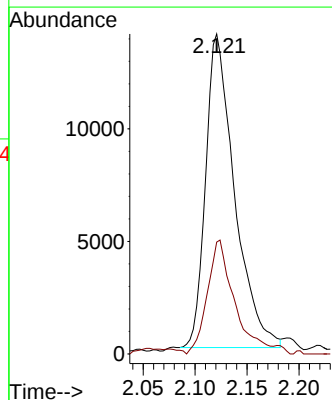
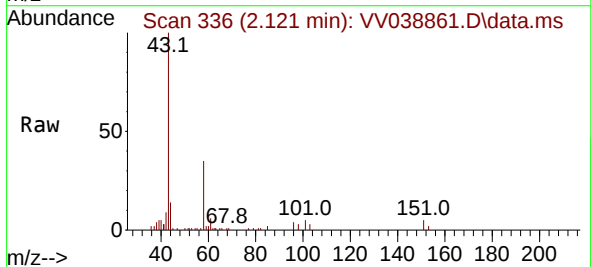
Manual Integrations
APPROVED

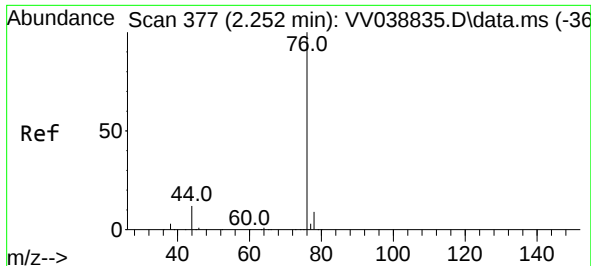
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#16
Acetone
Concen: 16.365 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

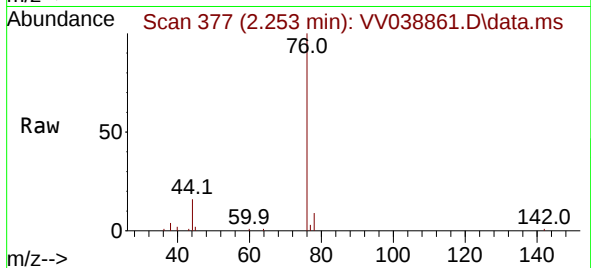
Tgt Ion: 43 Resp: 26946
Ion Ratio Lower Upper
43 100
58 34.5 27.0 40.4





#17
Carbon Disulfide
Concen: 3.251 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

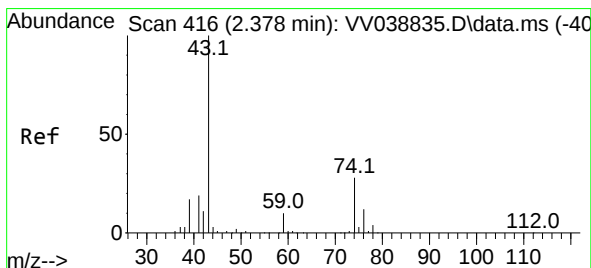
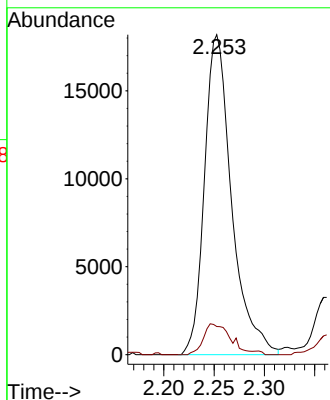
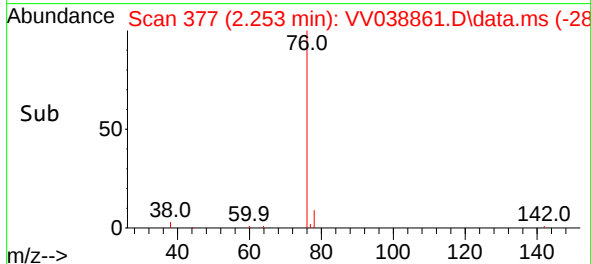
Instrument :
MSVOA_V
ClientSampleId :
MDL02



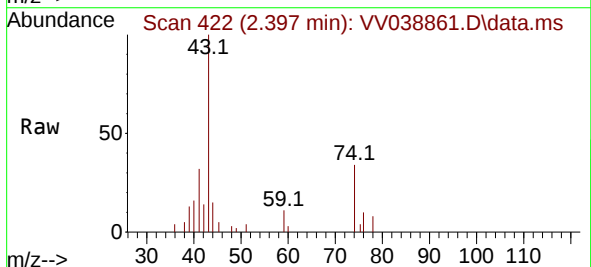
Tgt Ion: 76 Resp: 34192
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
APPROVED

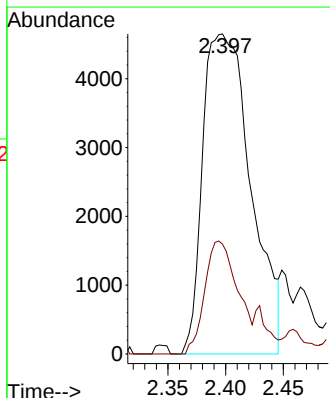
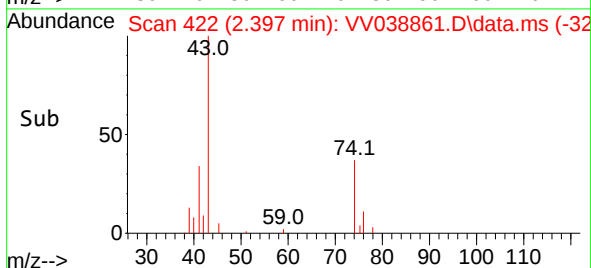
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025

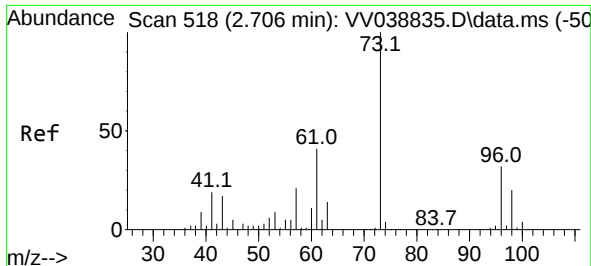


#18
Methyl Acetate
Concen: 2.410 ug/l
RT: 2.397 min Scan# 422
Delta R.T. 0.019 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03



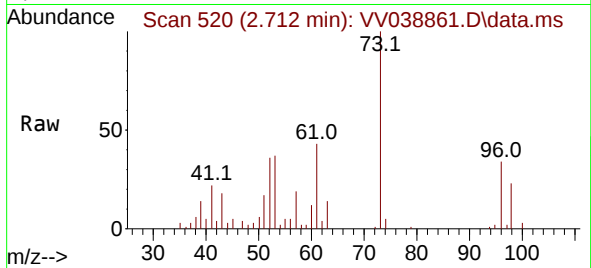
Tgt Ion: 43 Resp: 13531
Ion Ratio Lower Upper
43 100
74 24.1 21.4 32.0





#19
Methyl tert-butyl Ether
Concen: 2.911 ug/l
RT: 2.712 min Scan# 518
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

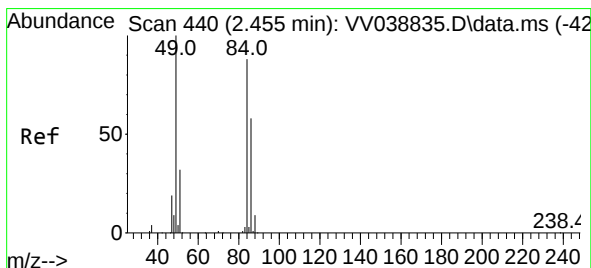
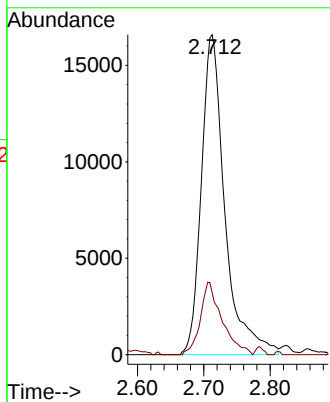
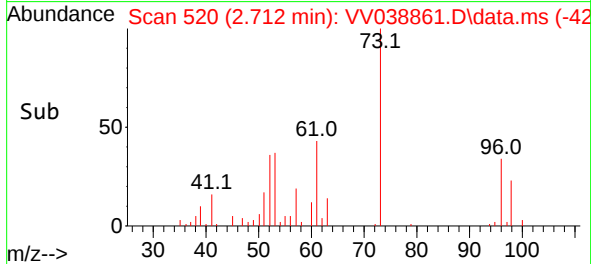
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 73 Resp: 4086
Ion Ratio Lower Upper
73 100
57 19.4 17.0 25.4

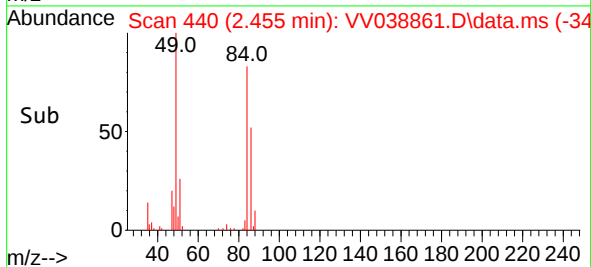
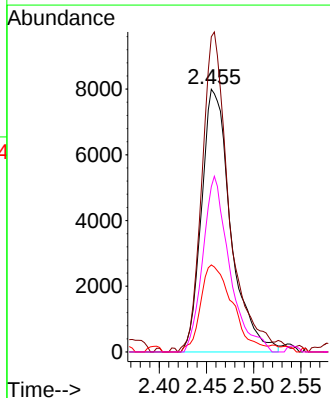
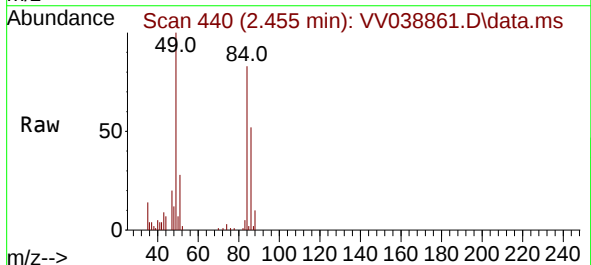
Manual Integrations
APPROVED

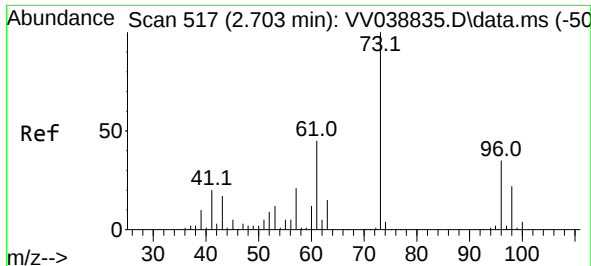
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#20
Methylene Chloride
Concen: 3.149 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

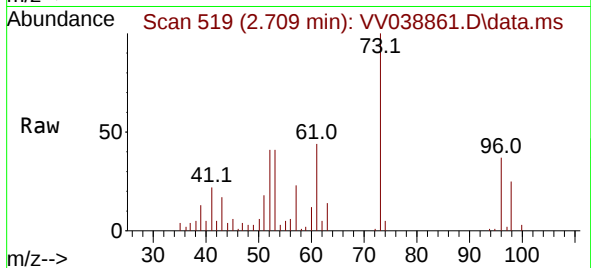
Tgt Ion: 84 Resp: 17136
Ion Ratio Lower Upper
84 100
49 119.9 91.0 136.4
51 33.1 29.4 44.2
86 62.9 53.2 79.8





#21
trans-1,2-Dichloroethene
Concen: 2.990 ug/l
RT: 2.709 min Scan# 517
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

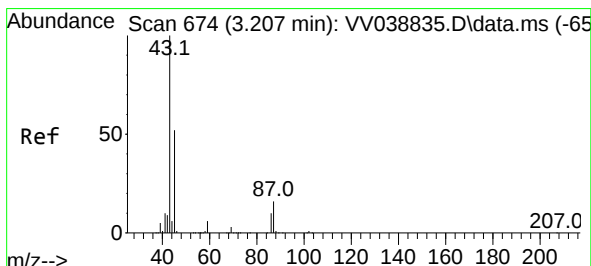
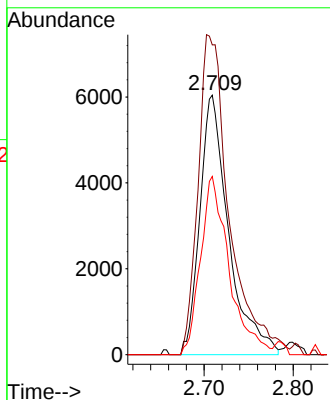
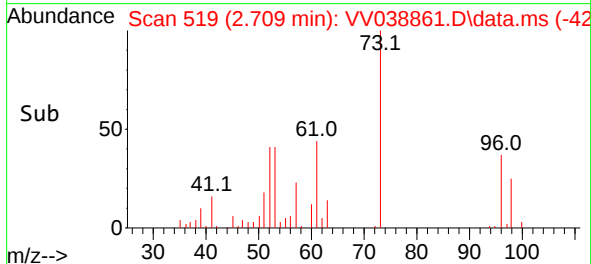
Instrument :
MSVOA_V
ClientSampleId :
MDL02



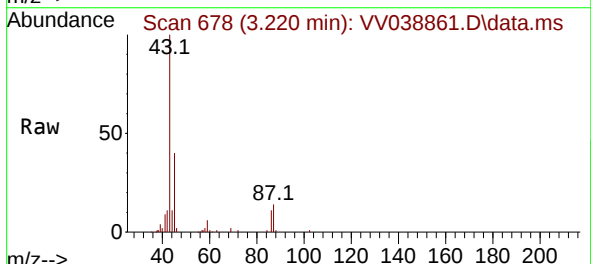
Tgt Ion: 96 Resp: 1357
Ion Ratio Lower Upper
96 100
61 119.4 102.8 154.2
98 68.7 50.9 76.3

Manual Integrations
APPROVED

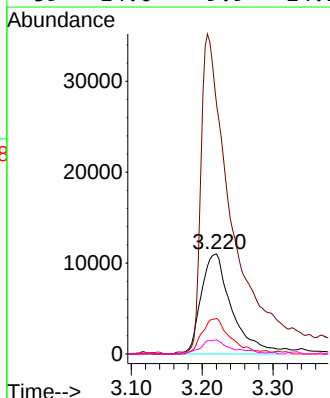
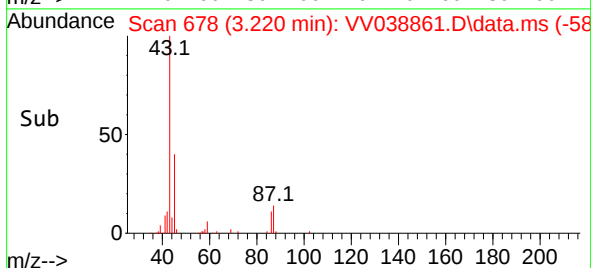
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025

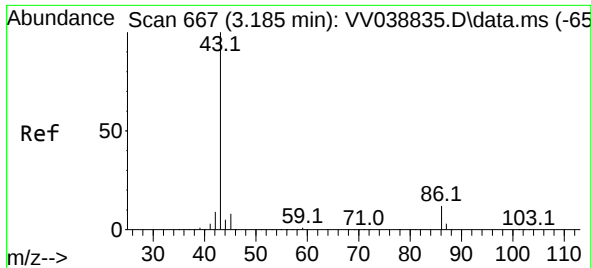


#22
Diisopropyl ether
Concen: 2.626 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.013 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03



Tgt Ion: 45 Resp: 32866
Ion Ratio Lower Upper
45 100
43 249.8 153.1 229.7#
87 35.8 25.2 37.8
59 14.0 9.9 14.9





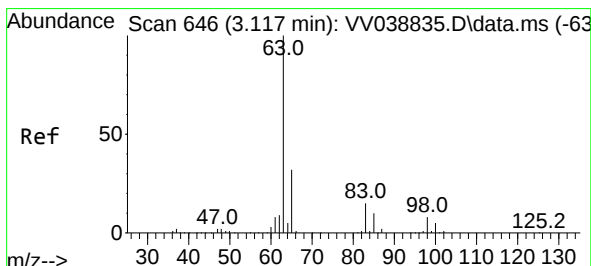
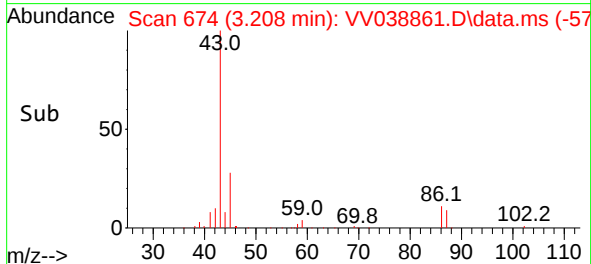
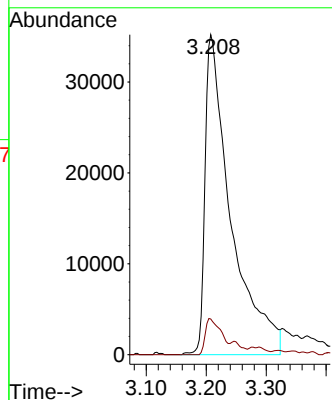
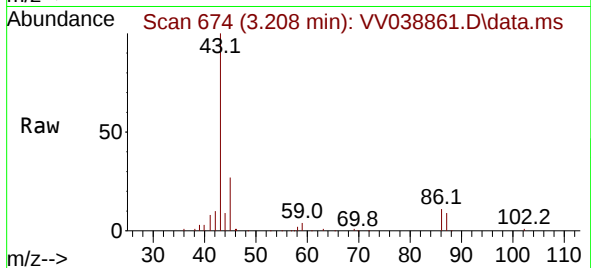
#23
 Vinyl Acetate
 Concen: 11.653 ug/l
 RT: 3.208 min Scan# 61
 Delta R.T. 0.023 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Tgt Ion: 43 Resp: 105184
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.9 14.9

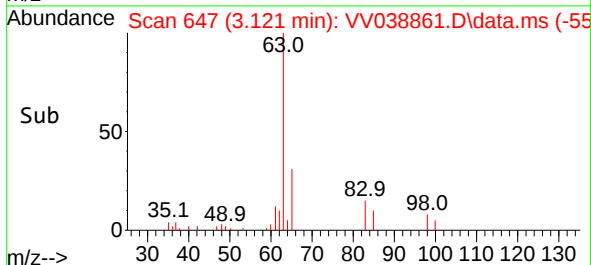
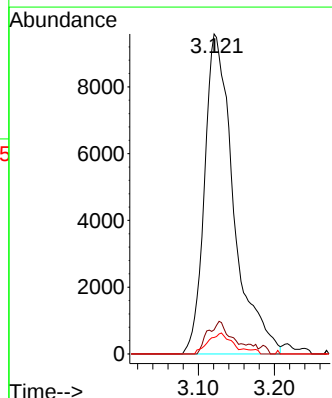
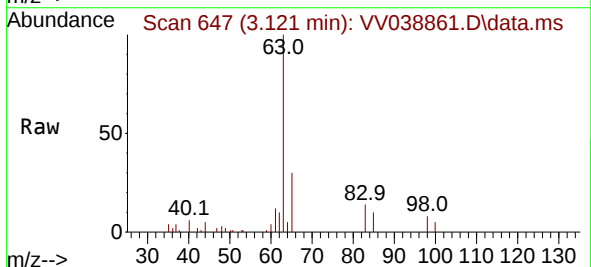
Manual Integrations
 APPROVED

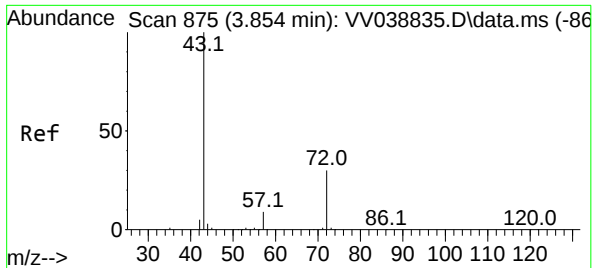
Reviewed By :Mahesh Dadoda 07/07/2025
 Supervised By :Semsettin Yesilyurt 07/07/2025



#24
 1,1-Dichloroethane
 Concen: 3.014 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03

Tgt Ion: 63 Resp: 25435
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.1 12.3
 100 5.1 2.4 7.2





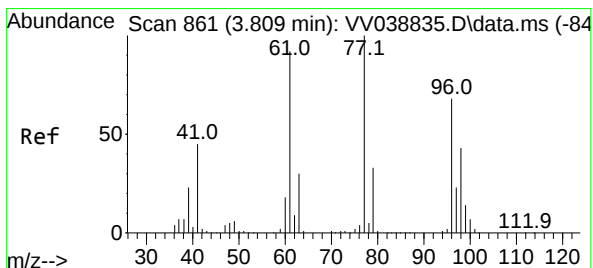
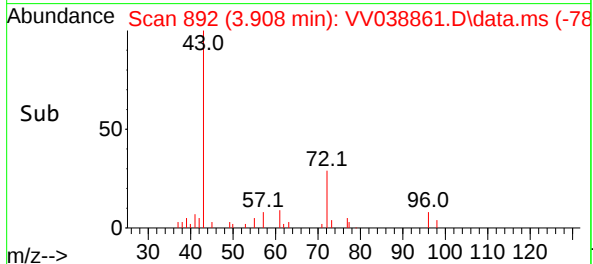
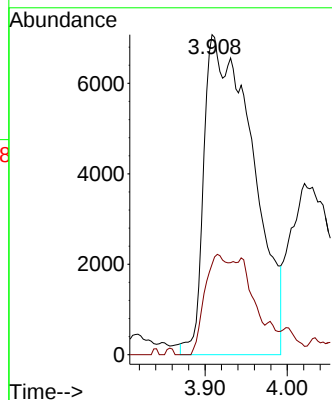
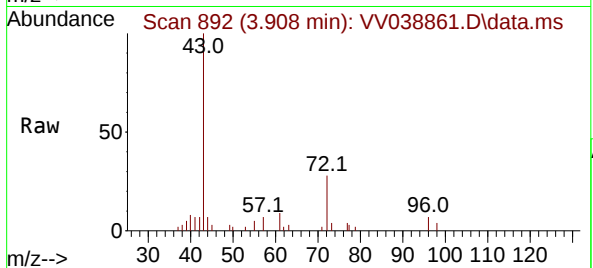
#25
2-Butanone
Concen: 11.919 ug/l m
RT: 3.908 min Scan# 892
Delta R.T. 0.055 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 2902
Ion Ratio Lower Upper
43 100
72 28.3 23.8 35.8

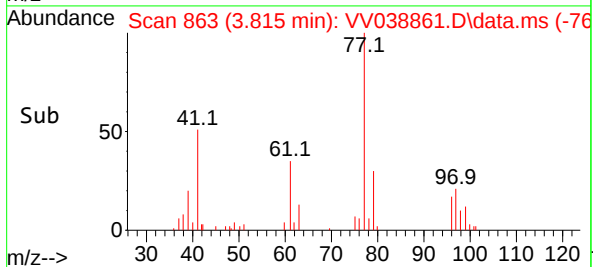
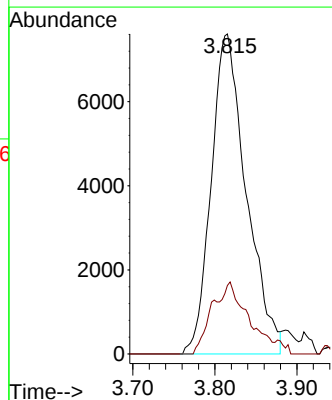
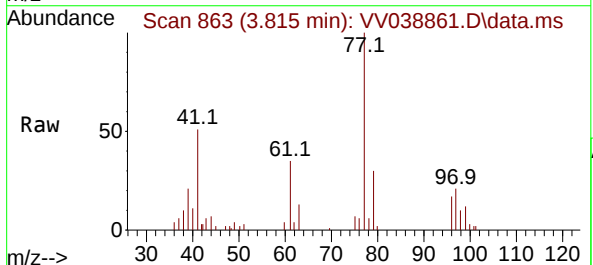
Manual Integrations
APPROVED

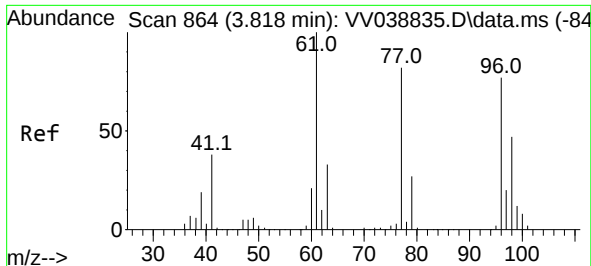
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#26
2,2-Dichloropropane
Concen: 2.893 ug/l
RT: 3.815 min Scan# 863
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

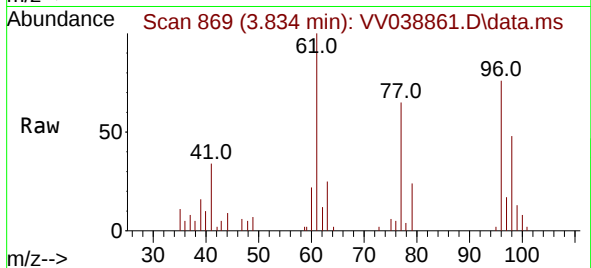
Tgt Ion: 77 Resp: 22628
Ion Ratio Lower Upper
77 100
97 11.9 11.5 34.4





#27
cis-1,2-Dichloroethene
Concen: 2.819 ug/l
RT: 3.834 min Scan# 869
Delta R.T. 0.016 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

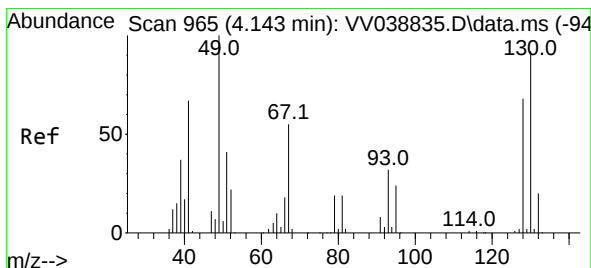
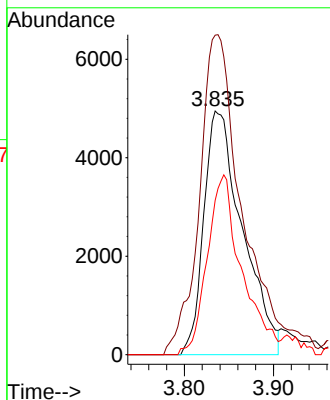
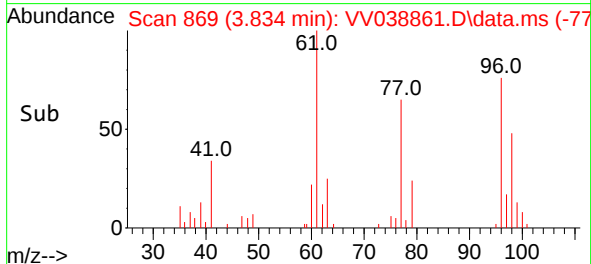
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 96 Resp: 14918
Ion Ratio Lower Upper
96 100
61 147.9 0.0 268.4
98 65.8 0.0 128.0

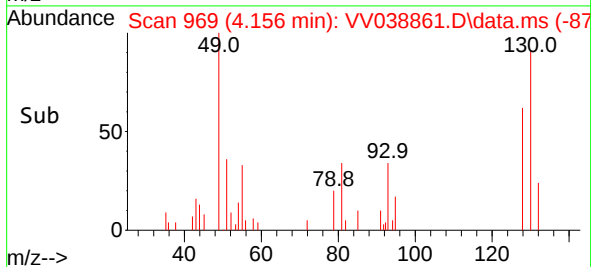
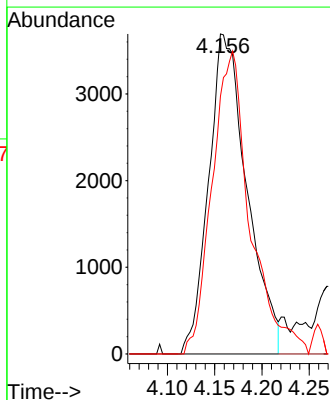
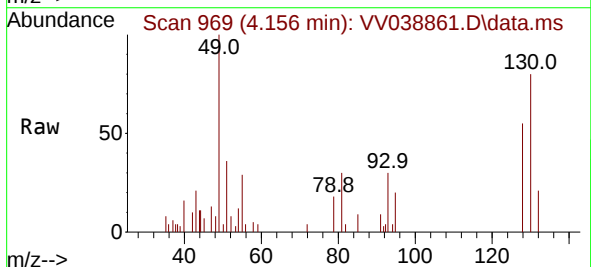
Manual Integrations
APPROVED

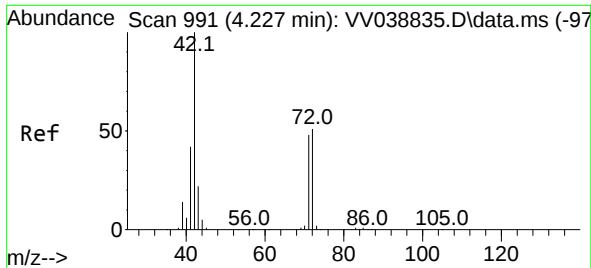
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#28
Bromochloromethane
Concen: 2.889 ug/l
RT: 4.156 min Scan# 969
Delta R.T. 0.013 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 49 Resp: 10421
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 93.6 72.5 108.7





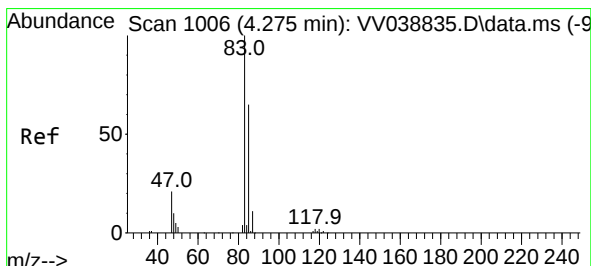
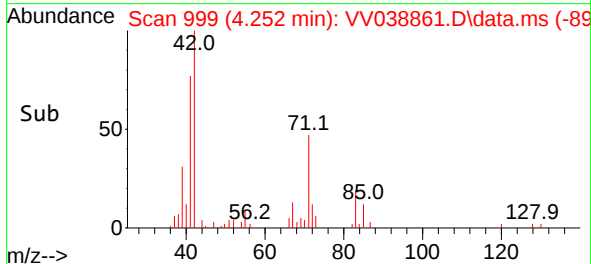
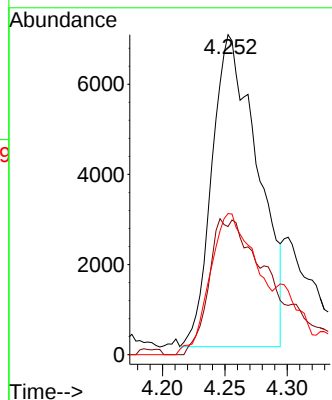
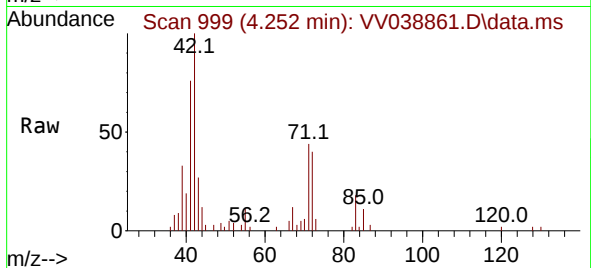
#29
Tetrahydrofuran
Concen: 10.762 ug/l
RT: 4.252 min Scan# 991
Delta R.T. 0.026 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 42 Resp: 1774
Ion Ratio Lower Upper
42 100
72 19.1 41.3 61.9
71 46.1 39.2 58.8

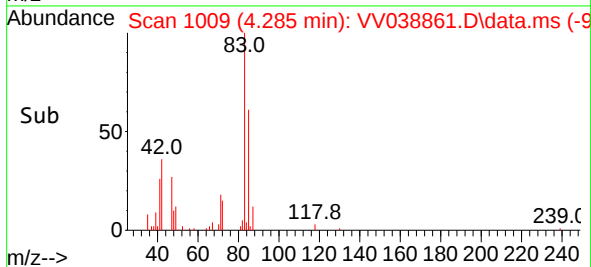
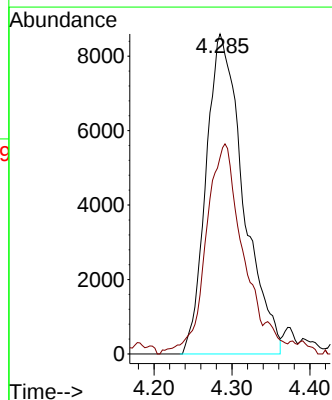
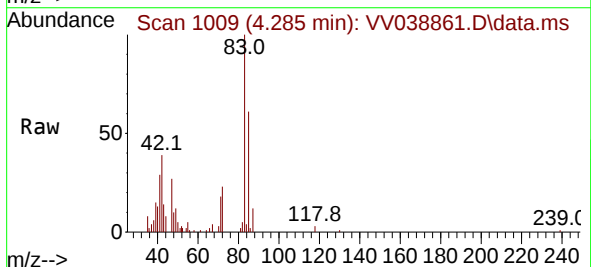
Manual Integrations
APPROVED

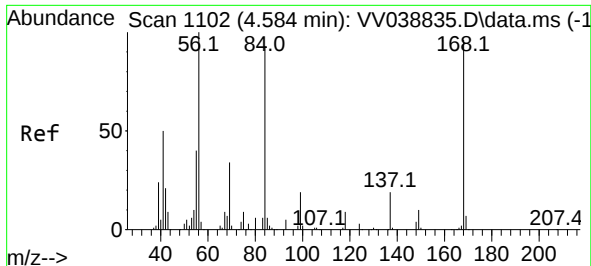
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#30
Chloroform
Concen: 3.107 ug/l
RT: 4.285 min Scan# 1009
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

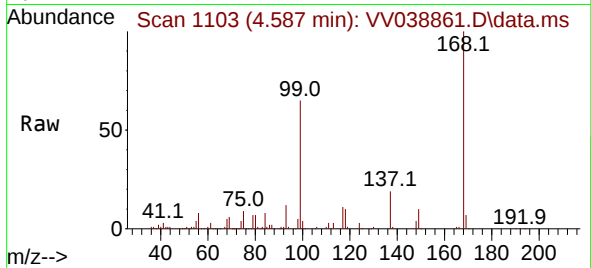
Tgt Ion: 83 Resp: 28566
Ion Ratio Lower Upper
83 100
85 58.6 51.8 77.6





#31
Cyclohexane
Concen: 4.038 ug/l
RT: 4.587 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

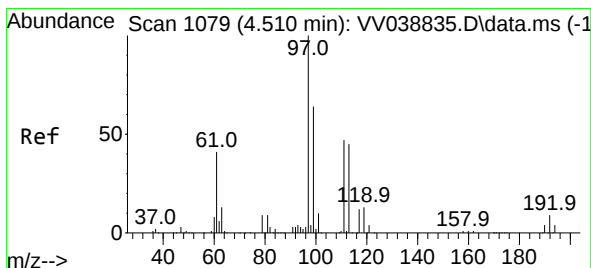
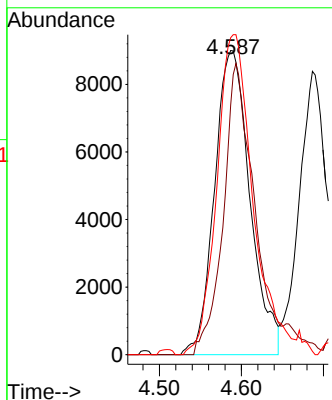
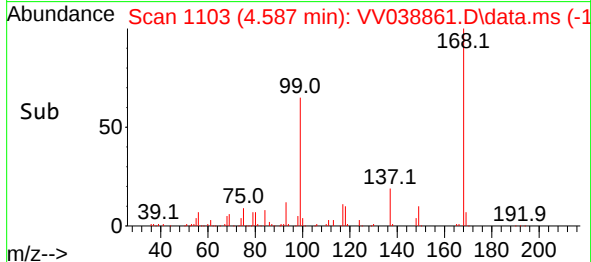
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 56 Resp: 2698
Ion Ratio Lower Upper
56 100
69 82.1 27.0 40.4
84 104.2 74.4 111.6

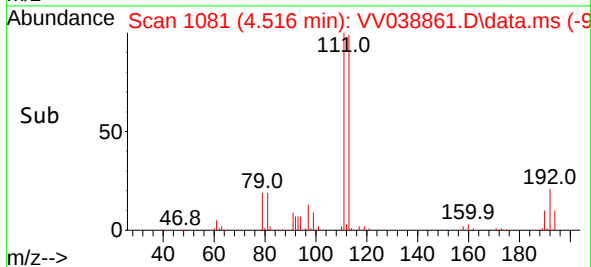
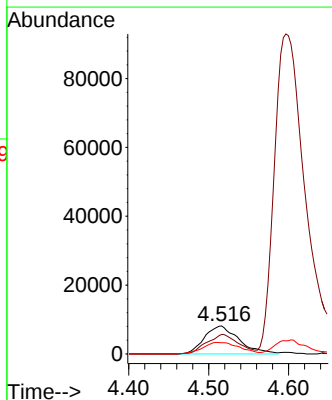
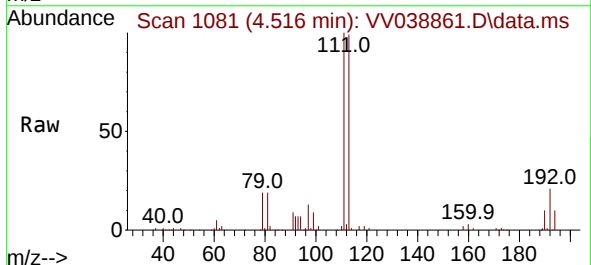
Manual Integrations
APPROVED

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



#32
1,1,1-Trichloroethane
Concen: 2.866 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

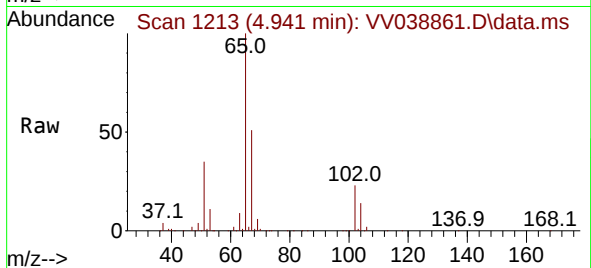
Tgt Ion: 97 Resp: 24453
Ion Ratio Lower Upper
97 100
99 64.1 48.8 73.2
61 43.7 31.8 47.8





#33
 1,2-Dichloroethane-d4
 Concen: 55.383 ug/l
 RT: 4.941 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03

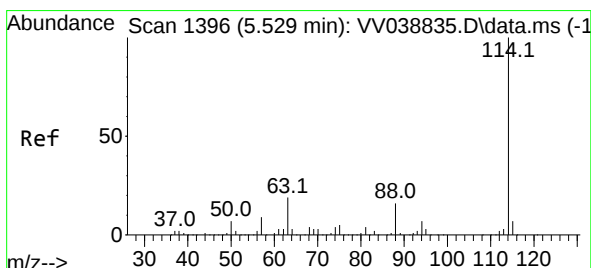
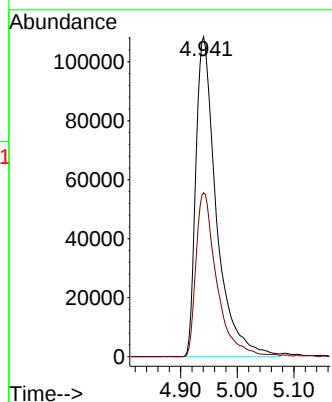
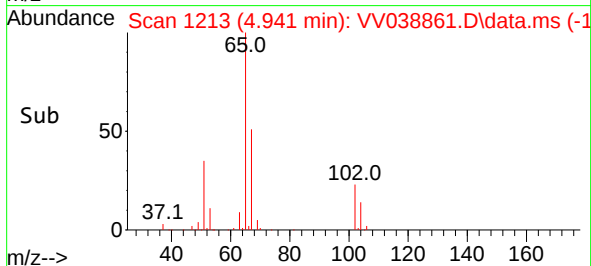
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02



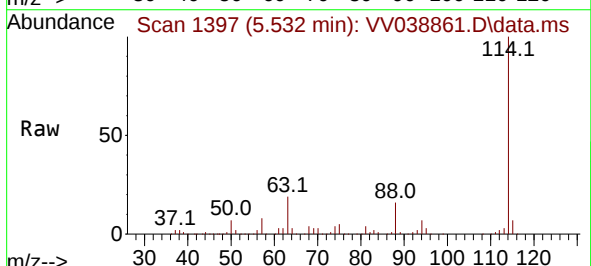
Tgt Ion: 65 Resp: 27364
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.0

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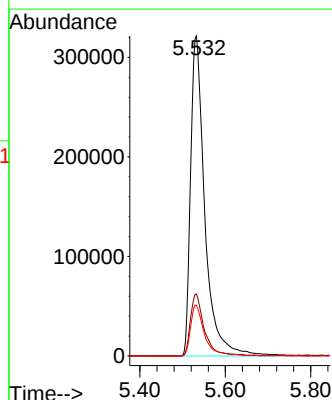
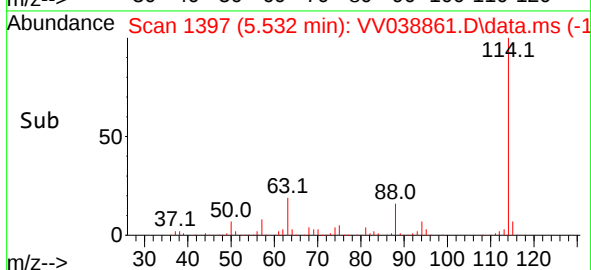
Reviewed By :Mahesh Dadoda 07/07/2025
 Supervised By :Semsettin Yesilyurt 07/07/2025

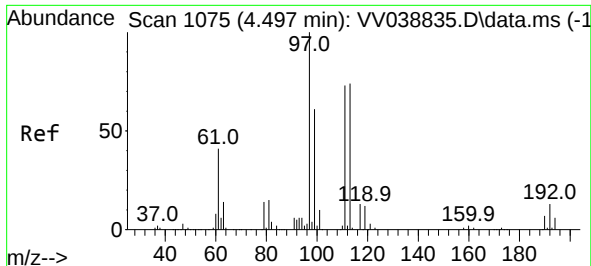


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.532 min Scan# 1397
 Delta R.T. 0.003 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03



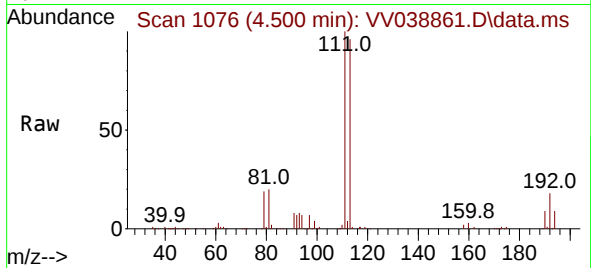
Tgt Ion:114 Resp: 744228
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 15.8 0.0 31.2





#35
Dibromofluoromethane
Concen: 51.520 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

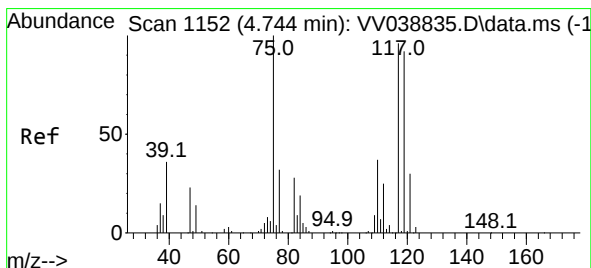
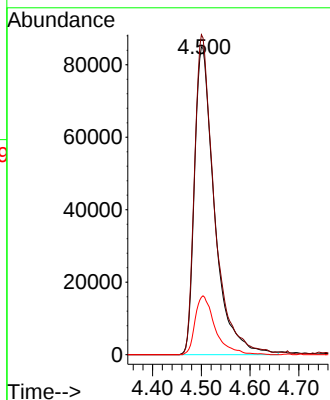
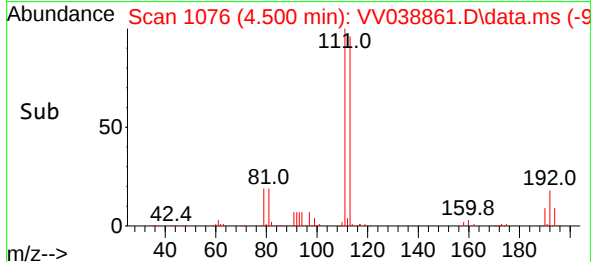
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:113 Resp: 24287
Ion Ratio Lower Upper
113 100
111 103.1 81.5 122.3
192 19.1 14.7 22.1

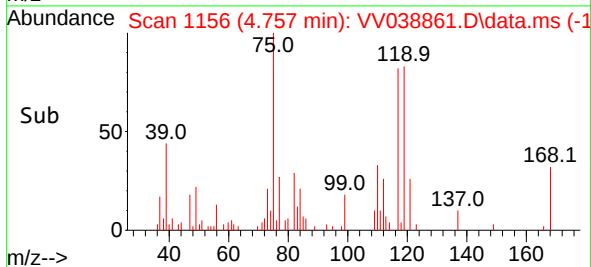
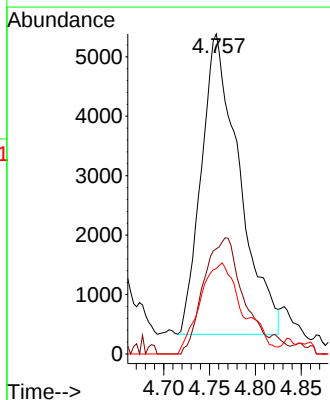
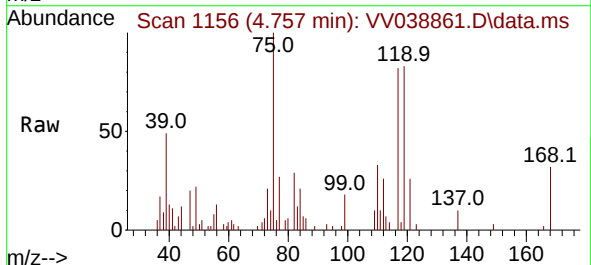
Manual Integrations
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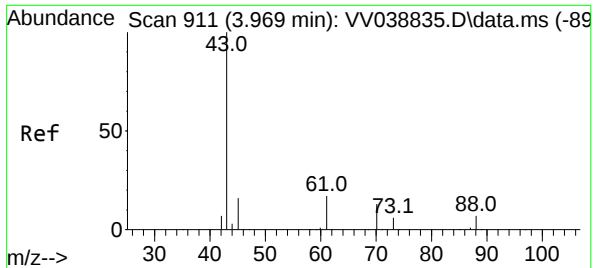
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#36
1,1-Dichloropropene
Concen: 2.541 ug/l
RT: 4.757 min Scan# 1156
Delta R.T. 0.013 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 75 Resp: 14533
Ion Ratio Lower Upper
75 100
110 40.4 19.3 57.9
77 34.4 25.1 37.7





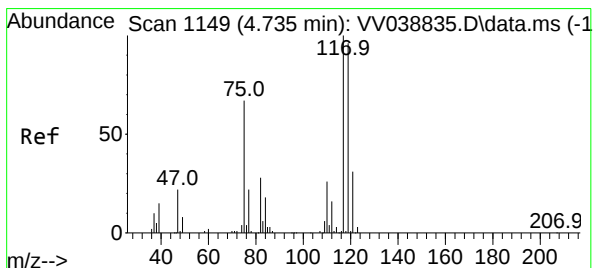
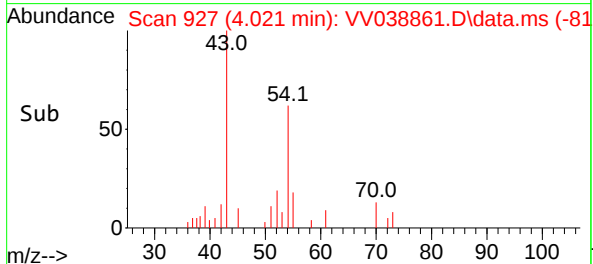
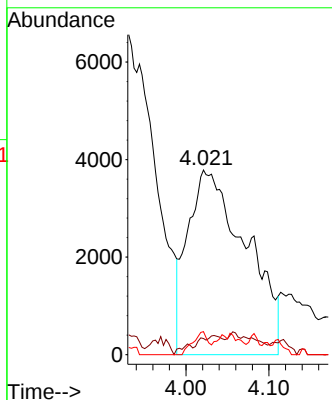
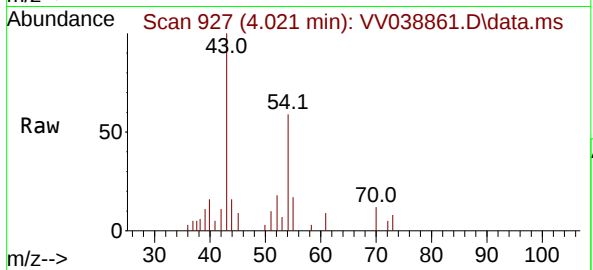
#37
Ethyl Acetate
Concen: 3.171 ug/l m
RT: 4.021 min Scan# 911
Delta R.T. 0.052 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 1851
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4
70 3.3 9.6 14.4

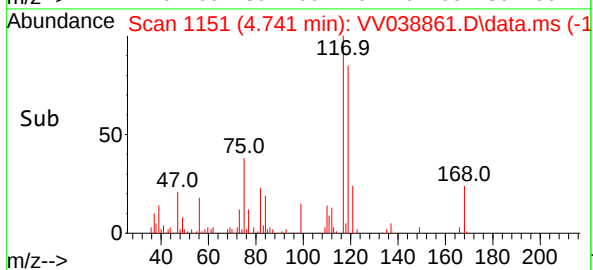
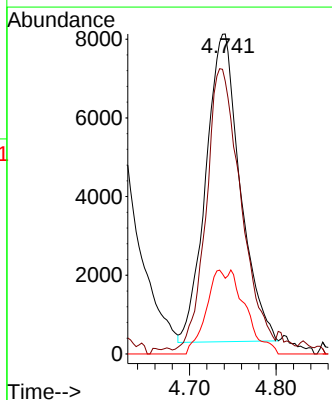
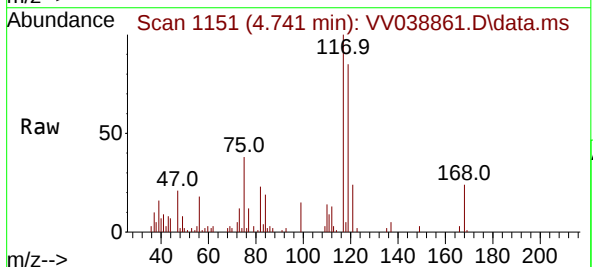
Manual Integrations
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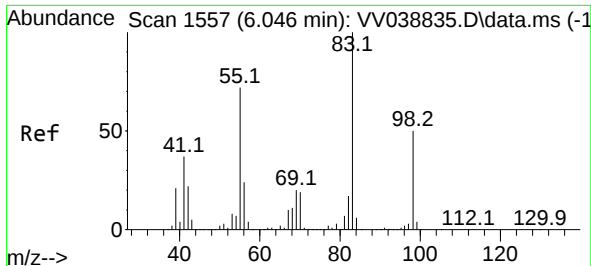
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#38
Carbon Tetrachloride
Concen: 2.865 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion:117 Resp: 21568
Ion Ratio Lower Upper
117 100
119 86.7 76.5 114.7
121 24.7 25.0 37.6





#39

Methylcyclohexane

Concen: 2.585 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

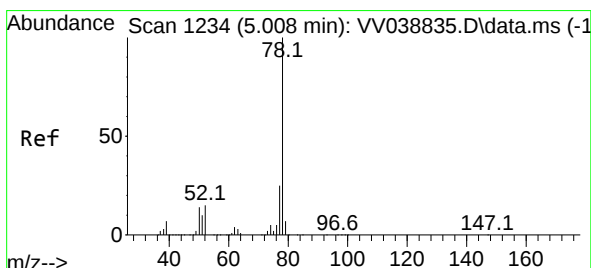
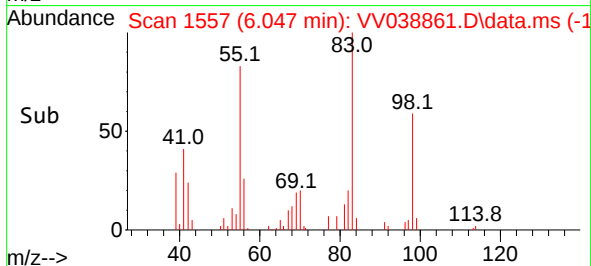
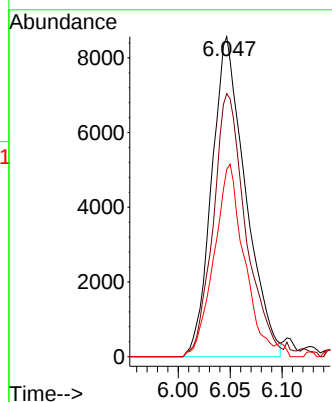
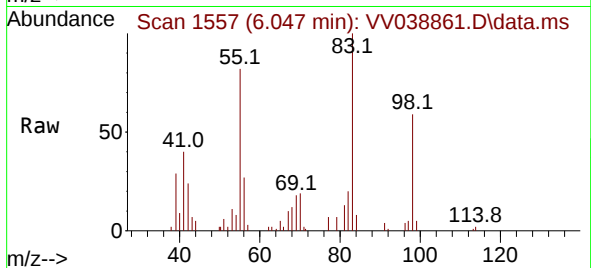
MDL02

Tgt Ion: 83	Resp: 1933
Ion Ratio	Lower Upper
83 100	
55 82.2	57.7 86.5
98 58.5	40.2 60.2

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 2.817 ug/l

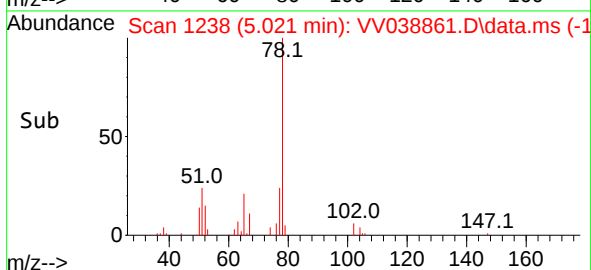
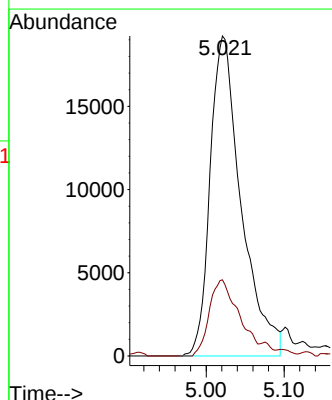
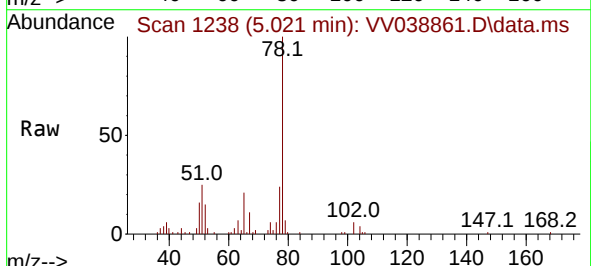
RT: 5.021 min Scan# 1238

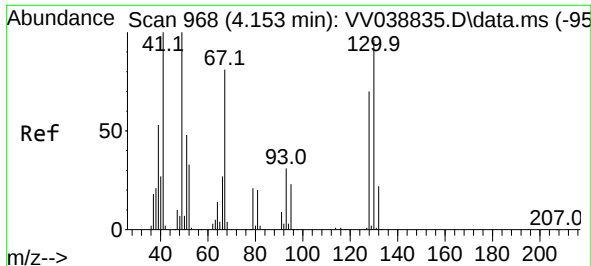
Delta R.T. 0.013 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

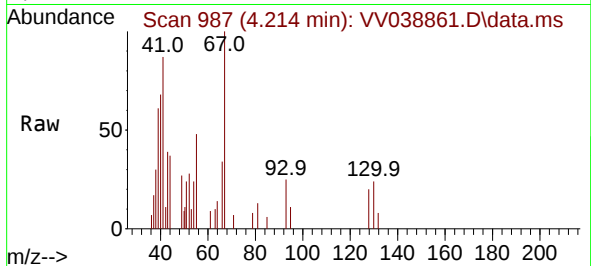
Tgt Ion: 78	Resp: 53214
Ion Ratio	Lower Upper
78 100	
77 23.8	19.6 29.4





#41
Methacrylonitrile
Concen: 0.985 ug/l
RT: 4.214 min Scan# 91
Delta R.T. 0.061 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

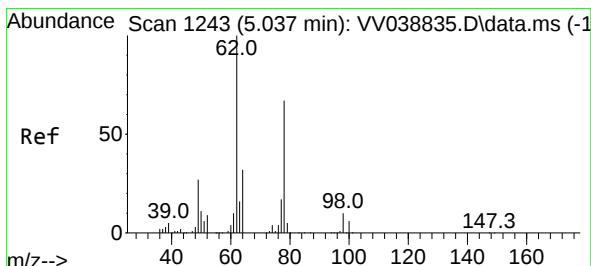
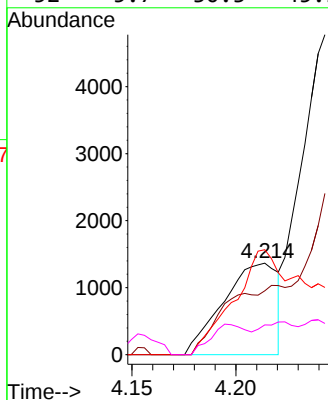
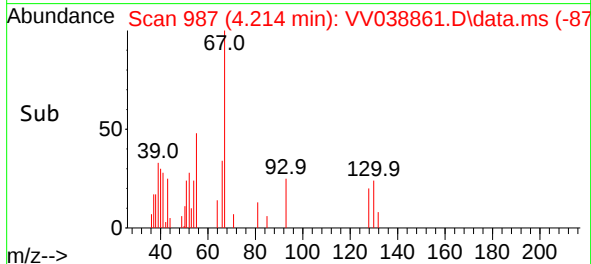
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 41 Resp: 2470
Ion Ratio Lower Upper
41 100
39 0.0 43.8 65.8
67 221.2 78.8 118.2
52 5.7 30.3 45.5

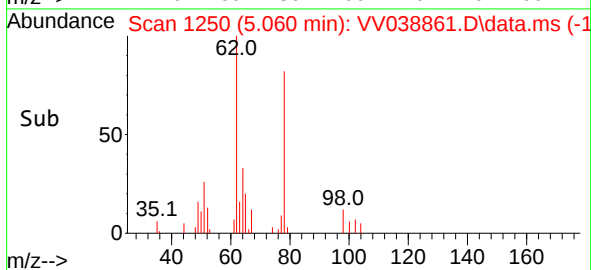
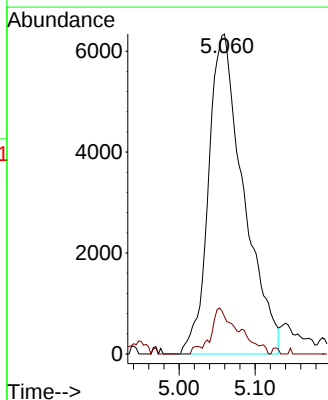
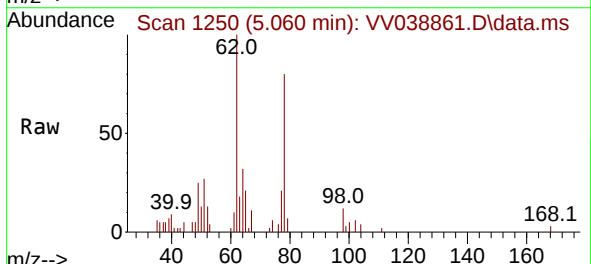
Manual Integrations
APPROVED

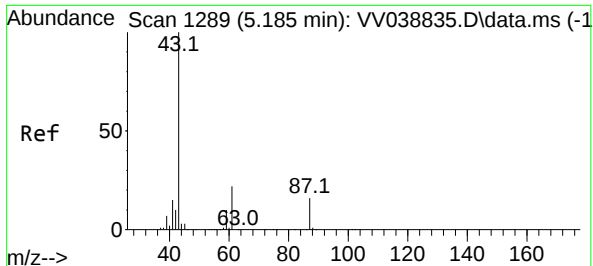
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#42
1,2-Dichloroethane
Concen: 3.037 ug/l
RT: 5.060 min Scan# 1250
Delta R.T. 0.023 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

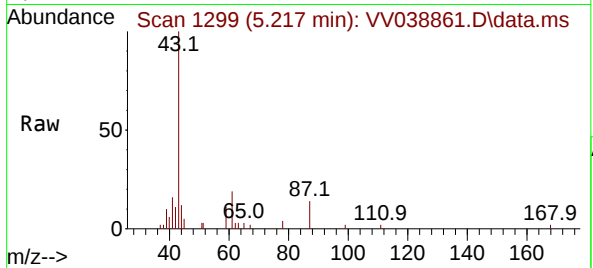
Tgt Ion: 62 Resp: 20307
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.0





#43
Isopropyl Acetate
Concen: 2.250 ug/l
RT: 5.217 min Scan# 1495
Delta R.T. 0.032 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

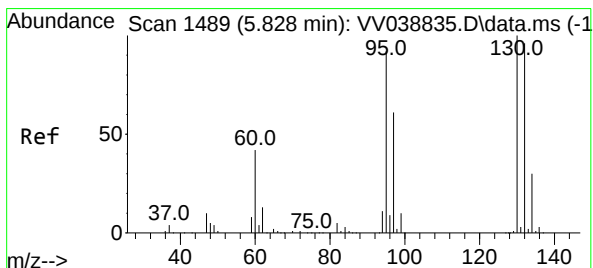
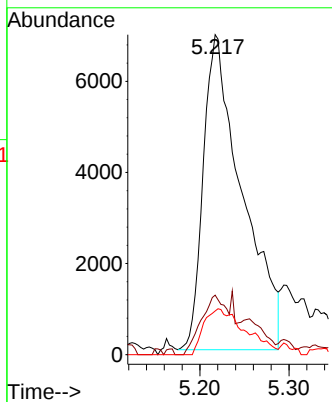
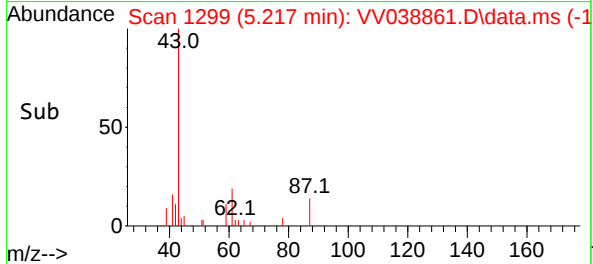
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 20950
Ion Ratio Lower Upper
43 100
61 12.2 17.0 25.6
87 15.6 13.0 19.6

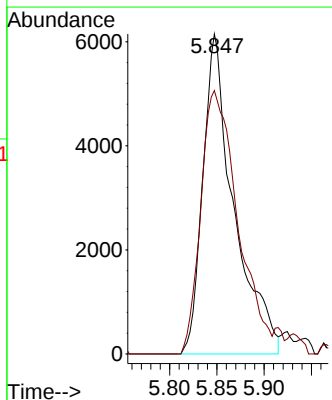
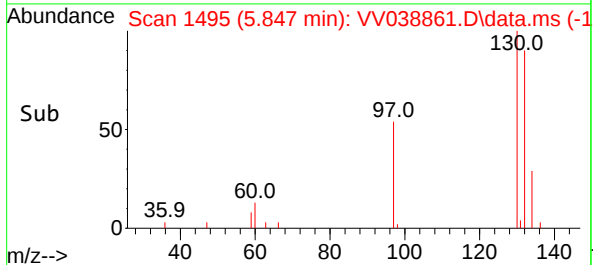
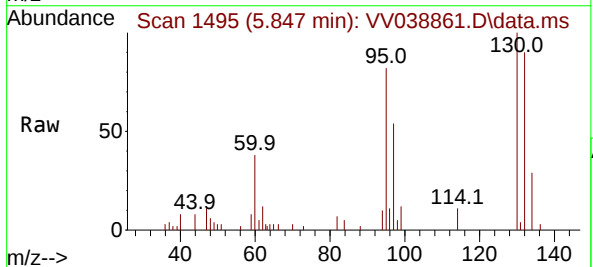
Manual Integrations
APPROVED

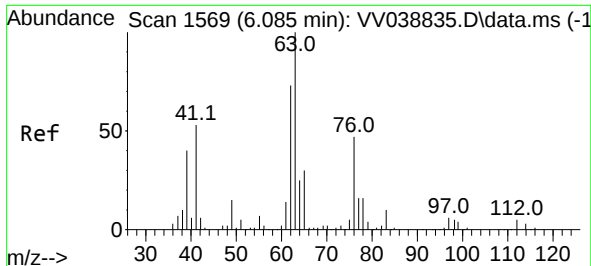
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#44
Trichloroethene
Concen: 2.845 ug/l
RT: 5.847 min Scan# 1495
Delta R.T. 0.019 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion:130 Resp: 14024
Ion Ratio Lower Upper
130 100
95 82.3 0.0 184.4





#45

1,2-Dichloropropane

Concen: 2.725 ug/l

RT: 6.098 min Scan# 1573

Delta R.T. 0.013 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 63 Resp: 12928

Ion Ratio Lower Upper

63 100

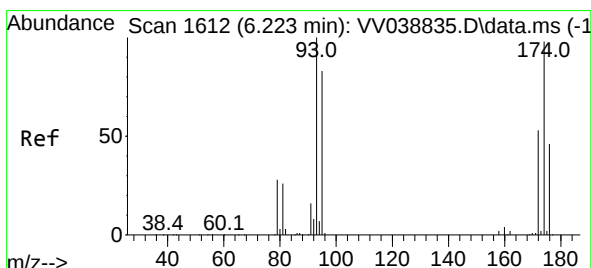
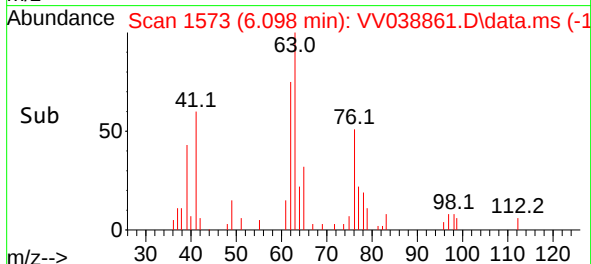
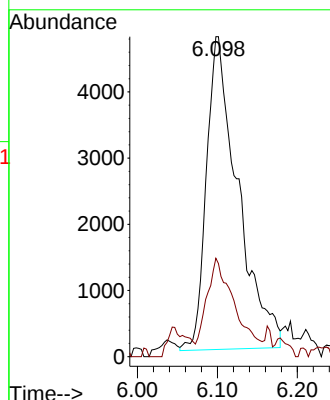
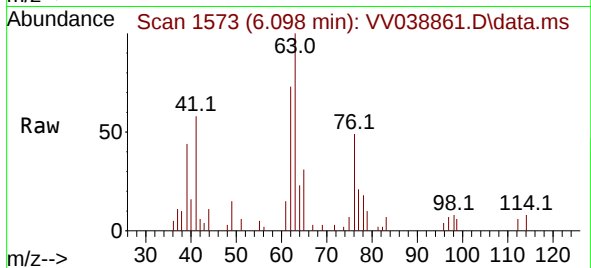
65 25.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025

Supervised By :Semsettin Yesilyurt 07/07/2025



#46

Dibromomethane

Concen: 2.717 ug/l

RT: 6.243 min Scan# 1618

Delta R.T. 0.019 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

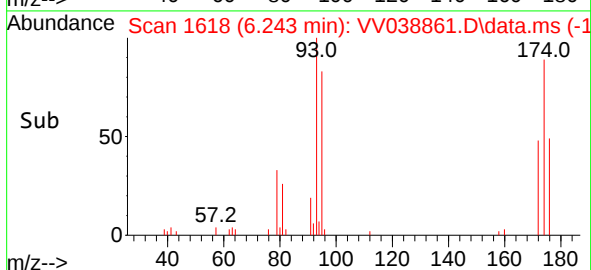
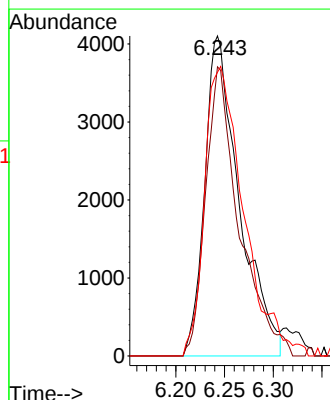
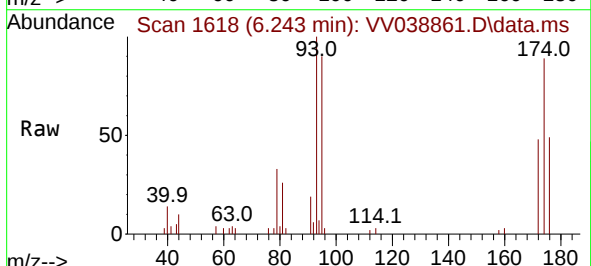
Tgt Ion: 93 Resp: 10164

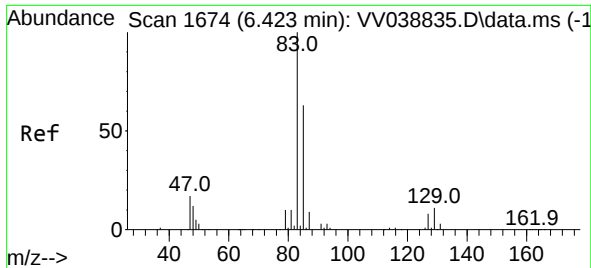
Ion Ratio Lower Upper

93 100

95 87.4 66.7 100.1

174 102.1 78.7 118.1





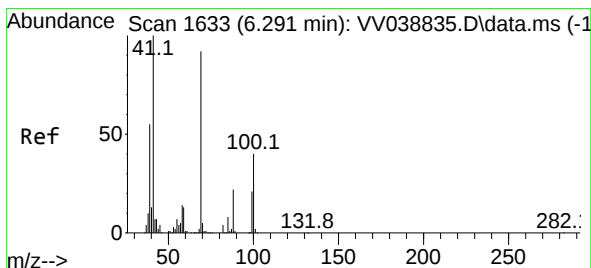
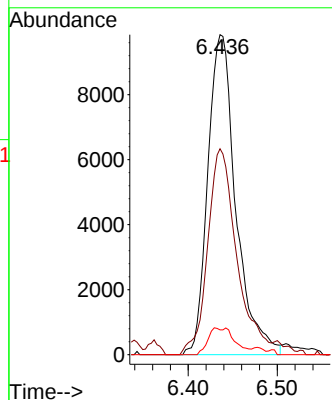
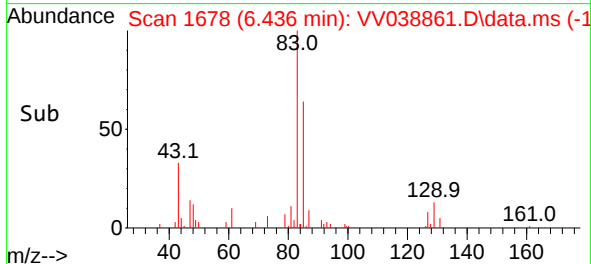
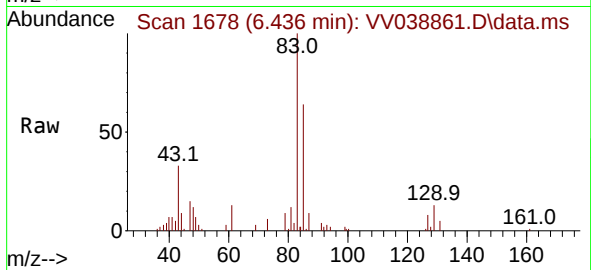
#47
Bromodichloromethane
Concen: 2.719 ug/l
RT: 6.436 min Scan# 1648
Delta R.T. 0.013 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 83 Resp: 2153
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 7.8 6.6 10.0

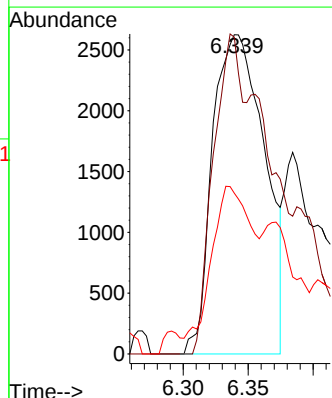
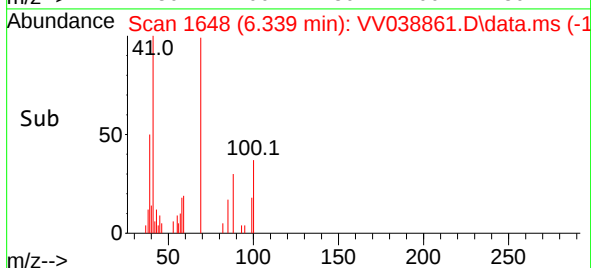
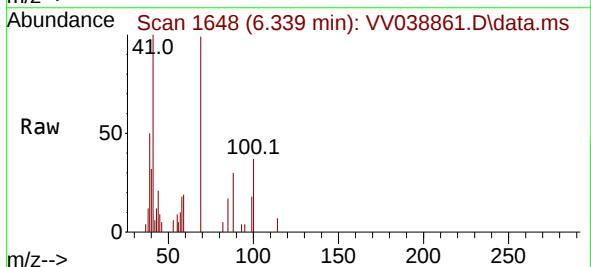
Manual Integrations
APPROVED

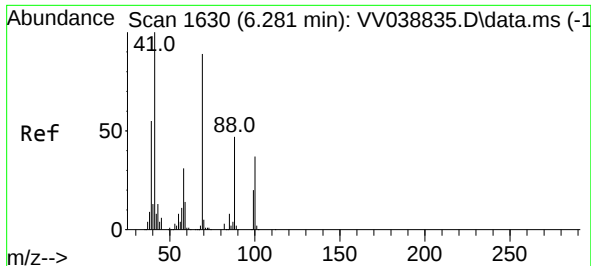
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#48
Methyl methacrylate
Concen: 1.649 ug/l
RT: 6.339 min Scan# 1648
Delta R.T. 0.048 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

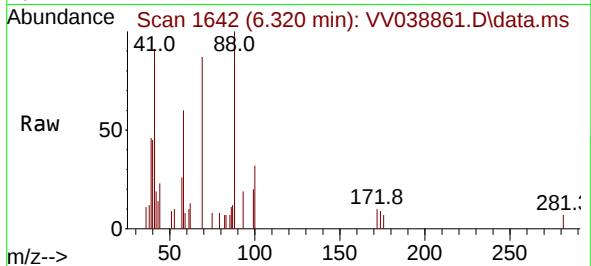
Tgt Ion: 41 Resp: 7303
Ion Ratio Lower Upper
41 100
69 59.2 77.4 116.2#
39 35.8 44.2 66.4#





#49
1,4-Dioxane
Concen: 53.768 ug/l
RT: 6.320 min Scan# 1642
Delta R.T. 0.039 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

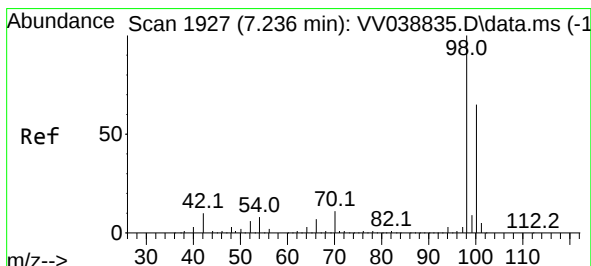
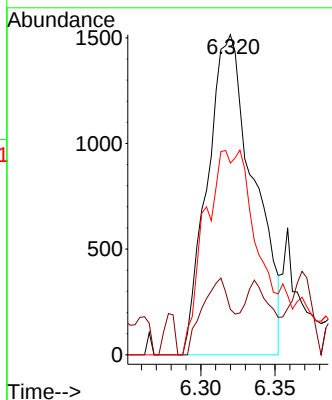
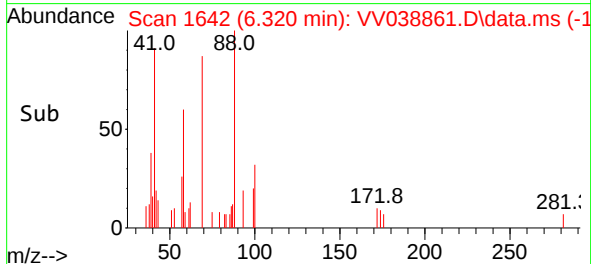
Instrument :
MSVOA_V
ClientSampleId :
MDL02



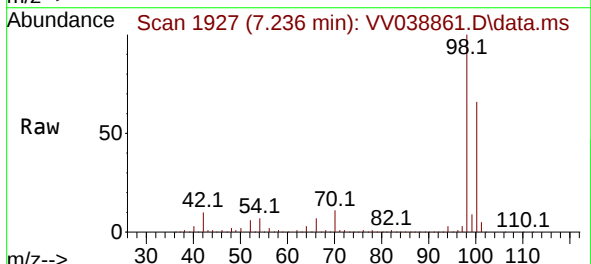
Tgt Ion: 88 Resp: 3300
Ion Ratio Lower Upper
88 100
43 14.5 25.2 37.8
58 37.2 52.1 78.1

Manual Integrations
APPROVED

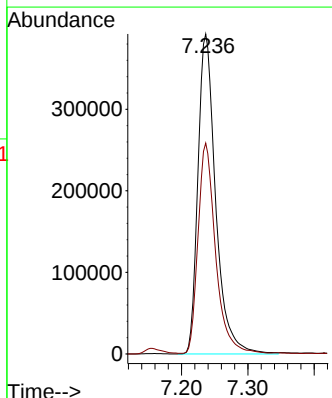
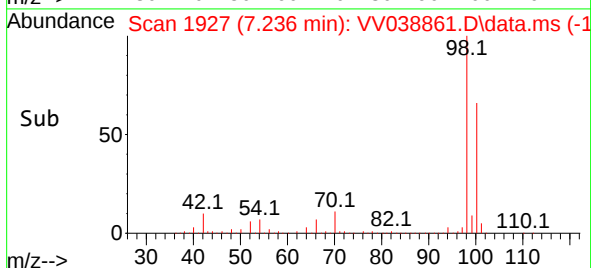
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025

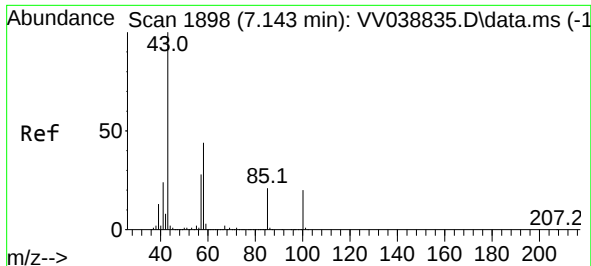


#50
Toluene-d8
Concen: 47.729 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03



Tgt Ion: 98 Resp: 727961
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4





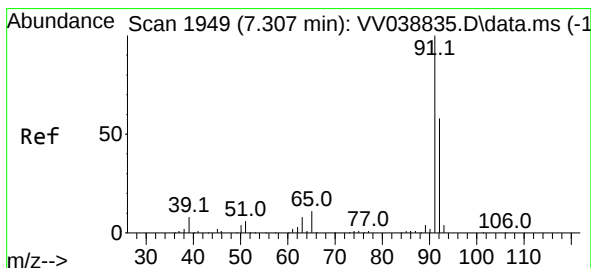
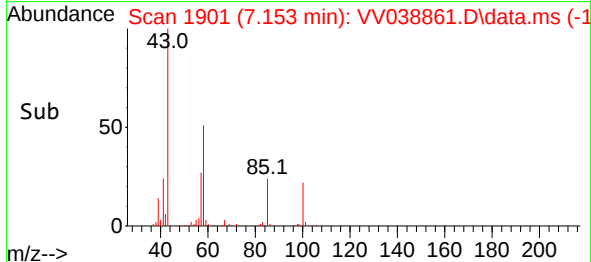
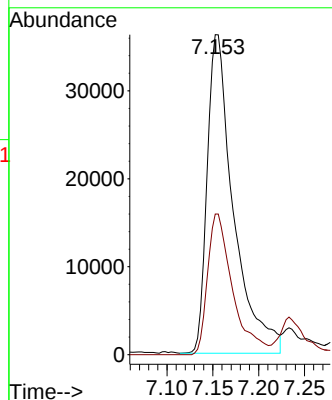
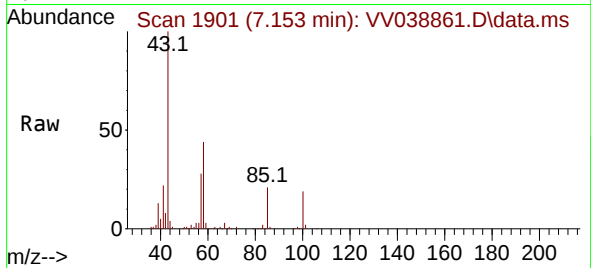
#51
4-Methyl-2-Pentanone
Concen: 12.298 ug/l
RT: 7.153 min Scan# 1901
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 72264
Ion Ratio Lower Upper
43 100
58 42.0 34.4 51.6

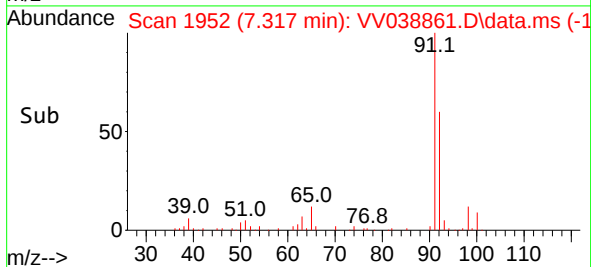
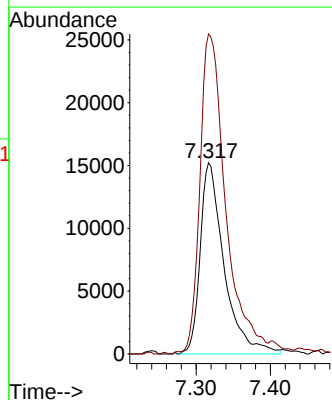
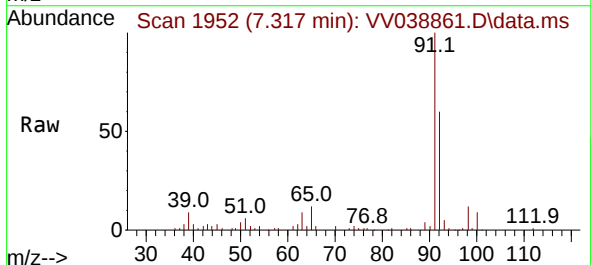
Manual Integrations
APPROVED

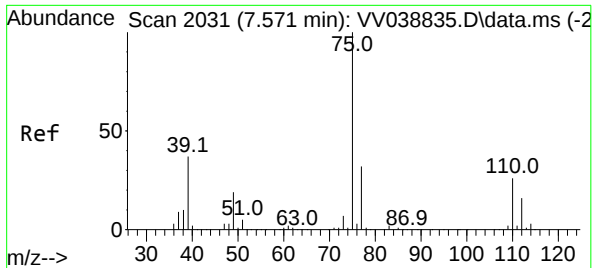
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#52
Toluene
Concen: 2.885 ug/l
RT: 7.317 min Scan# 1952
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 92 Resp: 34044
Ion Ratio Lower Upper
92 100
91 180.2 138.5 207.7





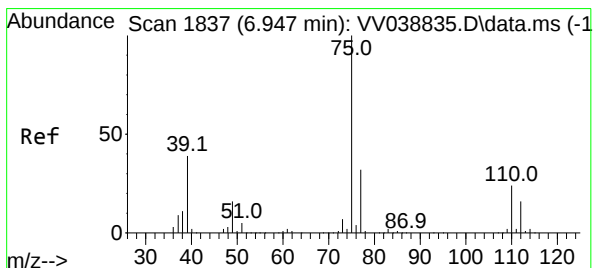
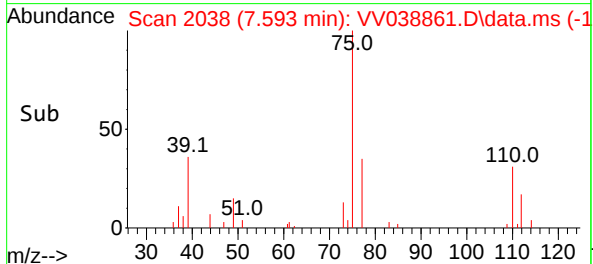
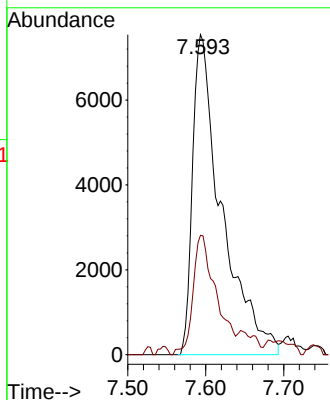
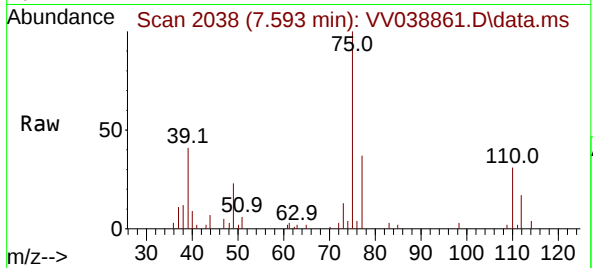
#53
t-1,3-Dichloropropene
Concen: 2.576 ug/l
RT: 7.593 min Scan# 2038
Delta R.T. 0.023 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 19538
Ion Ratio Lower Upper
75 100
77 35.6 25.4 38.2

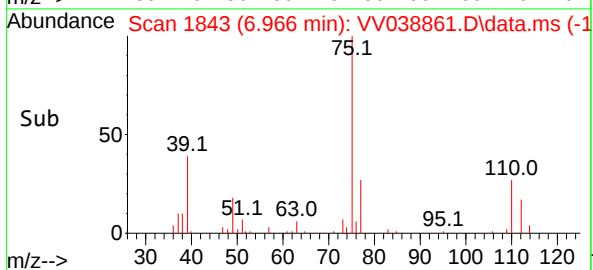
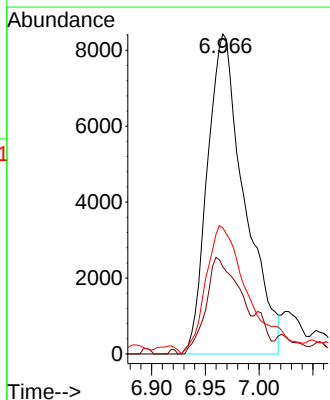
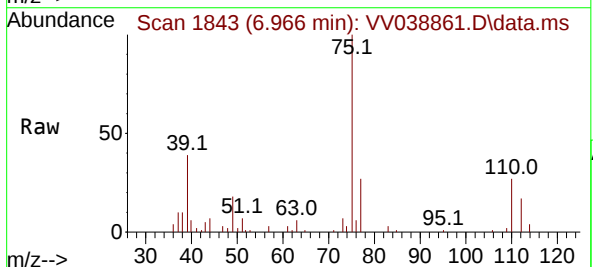
Manual Integrations
APPROVED

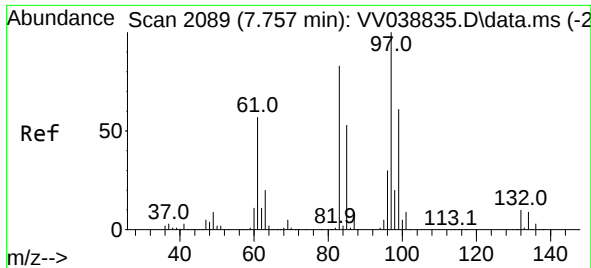
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#54
cis-1,3-Dichloropropene
Concen: 2.604 ug/l
RT: 6.966 min Scan# 1843
Delta R.T. 0.019 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 75 Resp: 20188
Ion Ratio Lower Upper
75 100
77 27.3 25.8 38.8
39 38.1 31.3 46.9





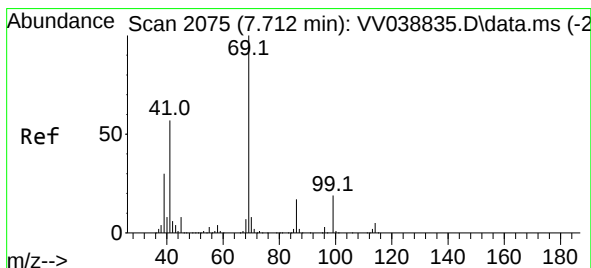
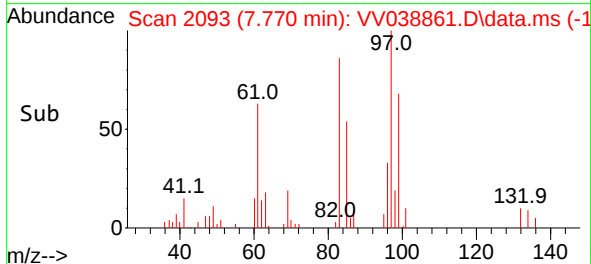
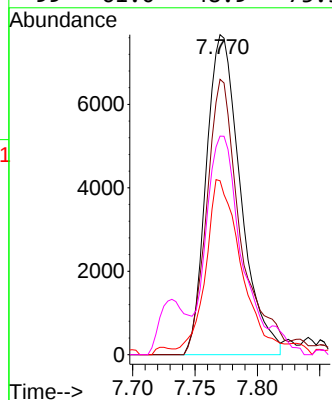
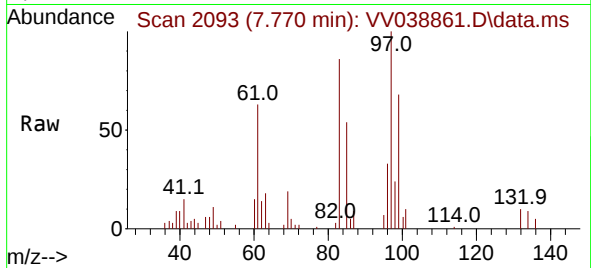
#55
1,1,2-Trichloroethane
Concen: 2.845 ug/l
RT: 7.770 min Scan# 2089
Delta R.T. 0.013 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 97	Resp: 1468
Ion Ratio	Lower Upper
97 100	
83 86.1	66.2 99.4
85 52.1	42.2 63.4
99 61.0	48.9 73.3

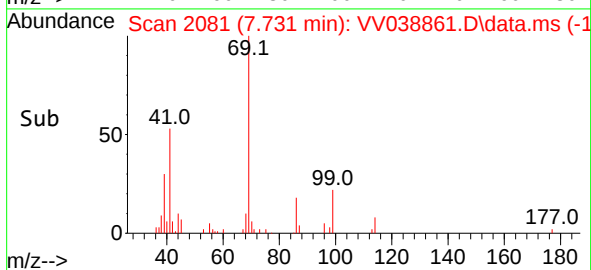
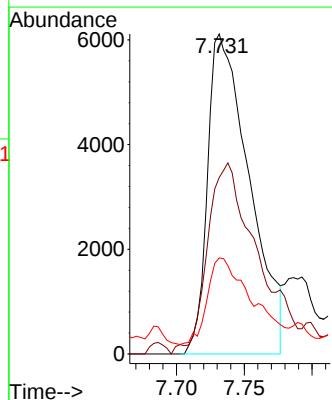
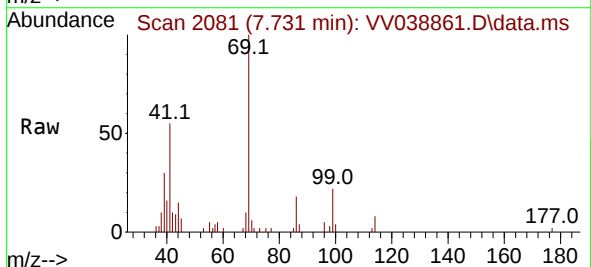
Manual Integrations
APPROVED

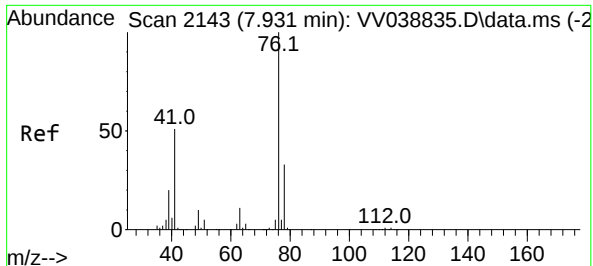
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#56
Ethyl methacrylate
Concen: 1.934 ug/l
RT: 7.731 min Scan# 2081
Delta R.T. 0.019 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

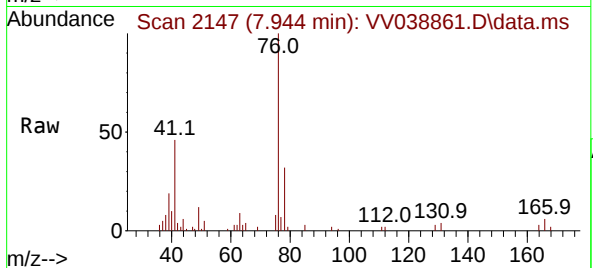
Tgt Ion: 69	Resp: 13131
Ion Ratio	Lower Upper
69 100	
41 72.0	46.1 69.1#
39 29.0	24.1 36.1





#57
1,3-Dichloropropane
Concen: 2.856 ug/l
RT: 7.944 min Scan# 2143
Delta R.T. 0.013 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

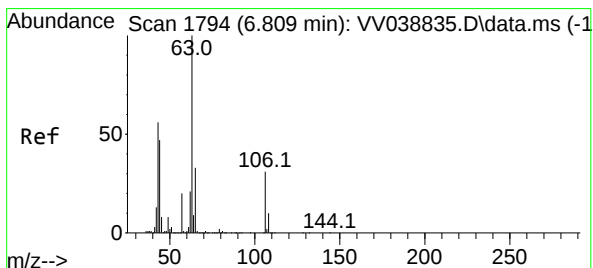
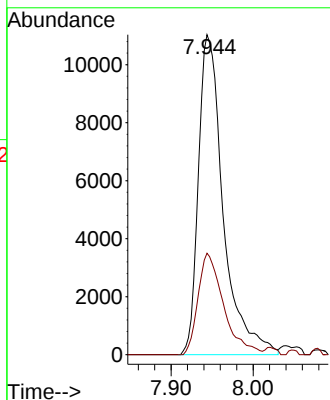
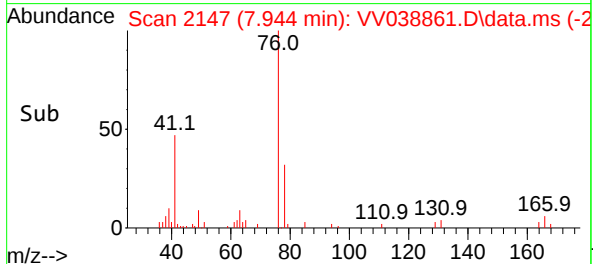
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 76 Resp: 23220
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2

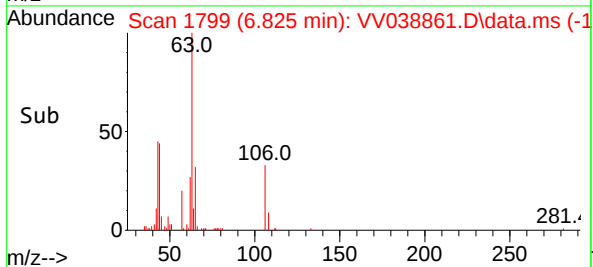
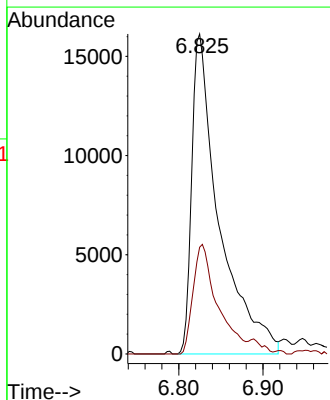
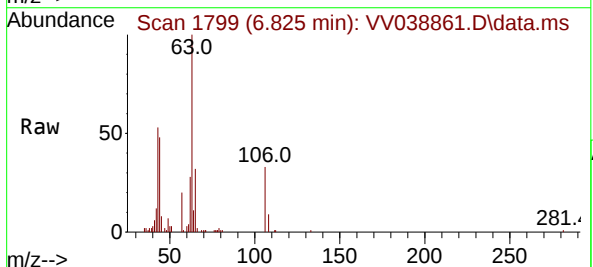
Manual Integrations
APPROVED

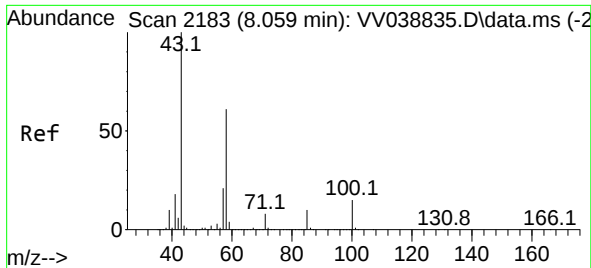
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#58
2-Chloroethyl Vinyl ether
Concen: 11.787 ug/l
RT: 6.825 min Scan# 1799
Delta R.T. 0.016 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

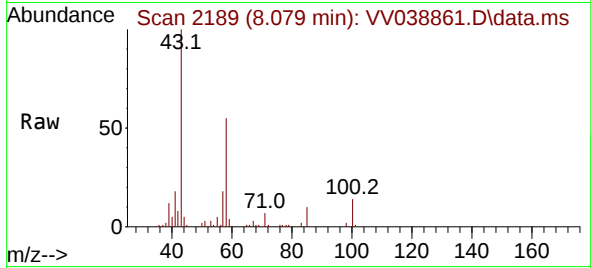
Tgt Ion: 63 Resp: 36336
Ion Ratio Lower Upper
63 100
106 30.6 24.6 37.0





#59
2-Hexanone
Concen: 11.359 ug/l
RT: 8.079 min Scan# 2183
Delta R.T. 0.019 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

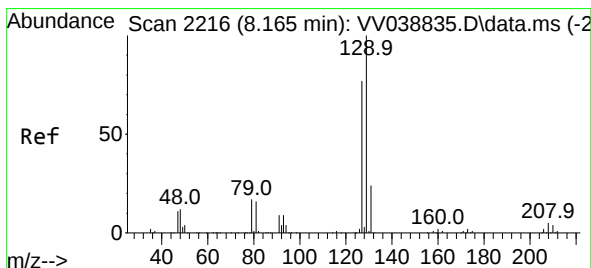
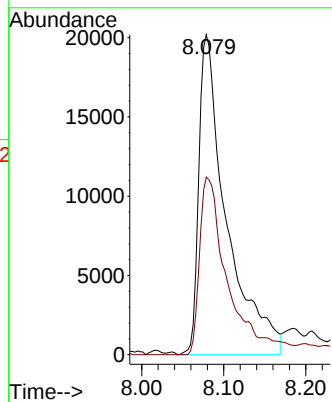
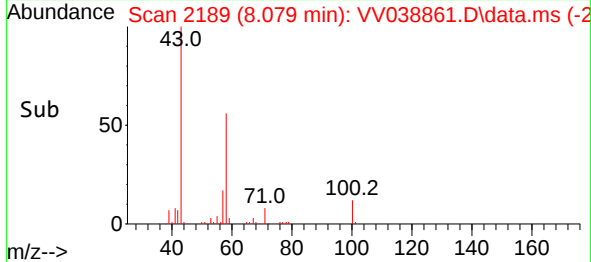
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 47078
Ion Ratio Lower Upper
43 100
58 56.8 30.3 91.0

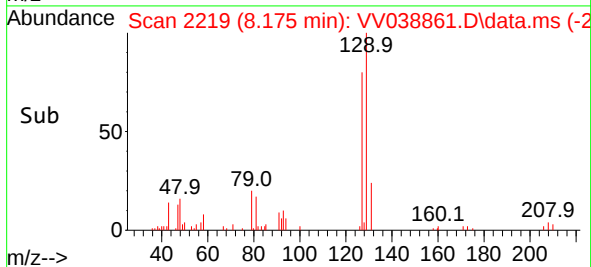
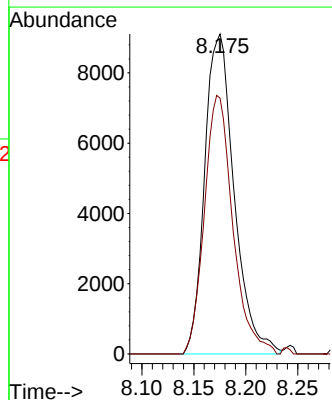
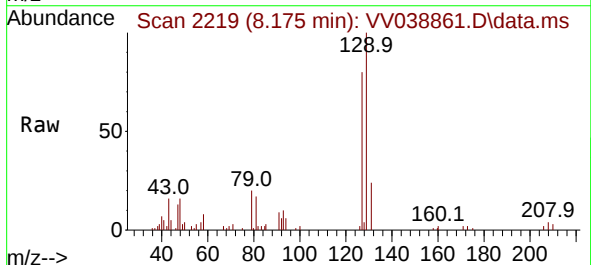
Manual Integrations
APPROVED

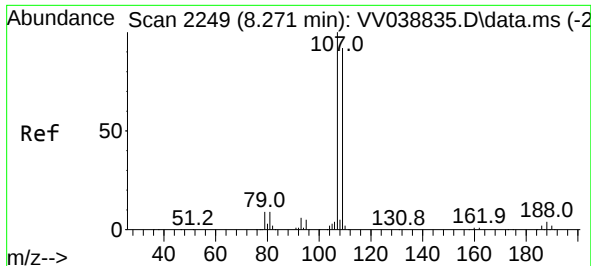
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#60
Dibromochloromethane
Concen: 2.774 ug/l
RT: 8.175 min Scan# 2219
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion:129 Resp: 18027
Ion Ratio Lower Upper
129 100
127 77.7 38.2 114.6





#61

1,2-Dibromoethane

Concen: 2.966 ug/l

RT: 8.284 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion:107 Resp: 1583

Ion Ratio Lower Upper

107 100

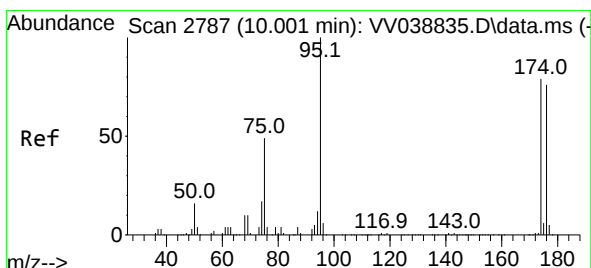
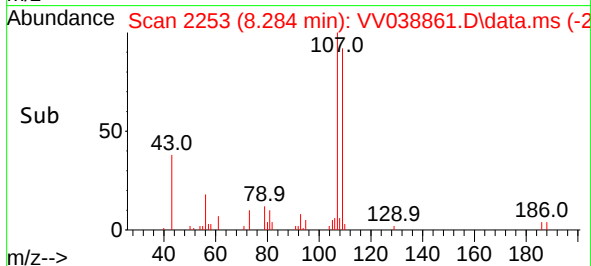
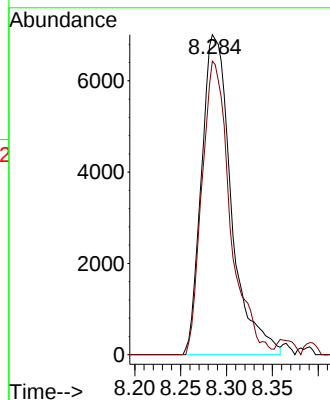
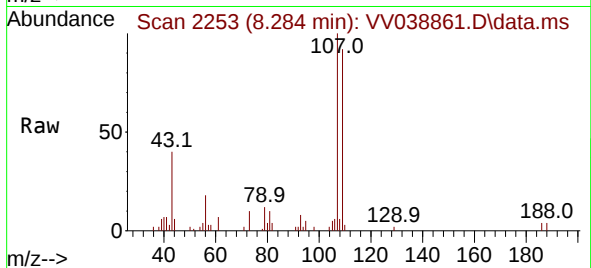
109 87.0 74.8 112.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025

Supervised By :Semsettin Yesilyurt 07/07/2025



#62

4-Bromofluorobenzene

Concen: 49.388 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.000 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

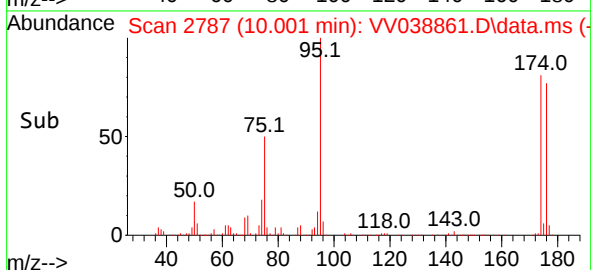
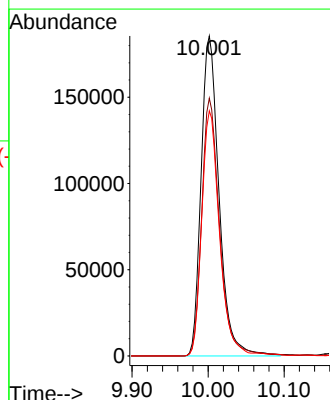
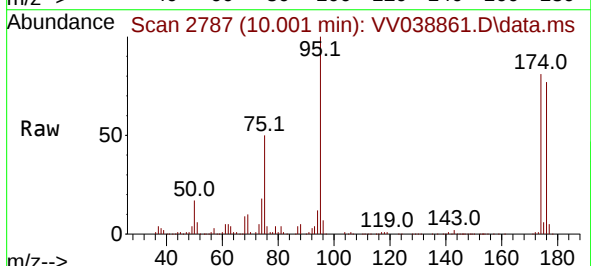
Tgt Ion: 95 Resp: 304334

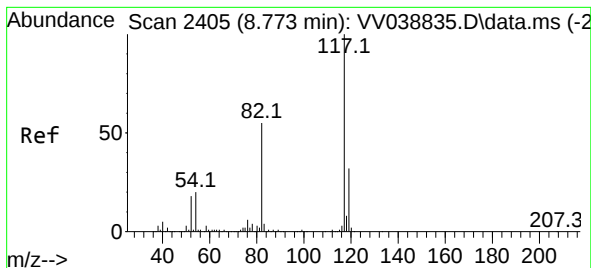
Ion Ratio Lower Upper

95 100

174 80.2 0.0 158.2

176 75.5 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

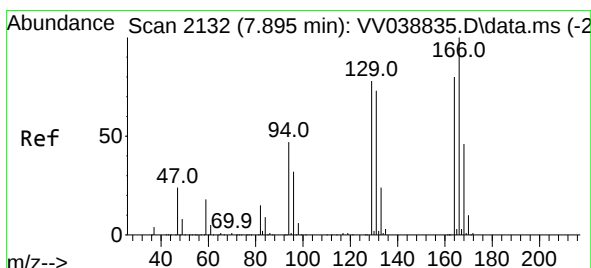
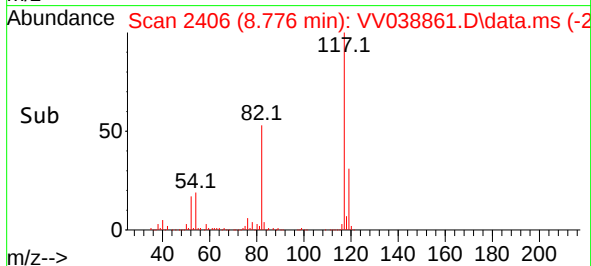
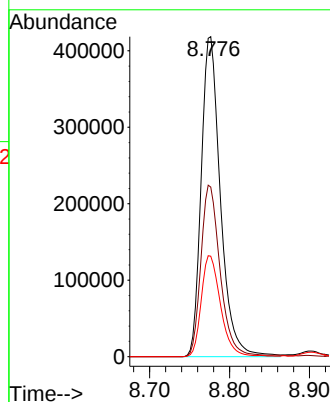
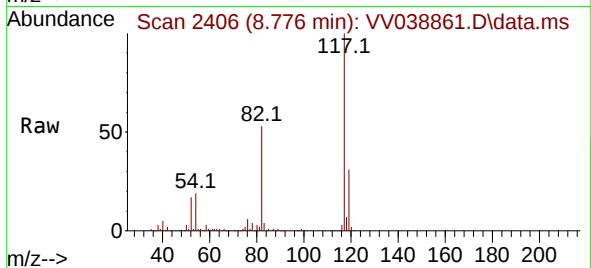
Tgt Ion:117 Resp: 70167

Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.2	66.4
119	31.4	25.5	38.3

Manual Integrations

APPROVED

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



#64

Tetrachloroethene

Concen: 2.948 ug/l

RT: 7.902 min Scan# 2134

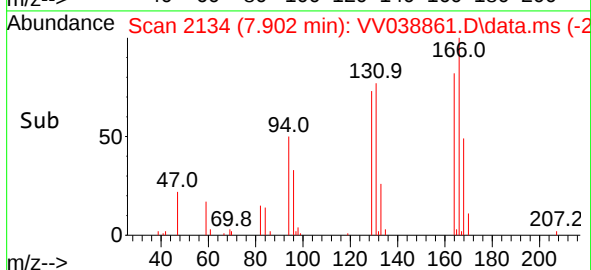
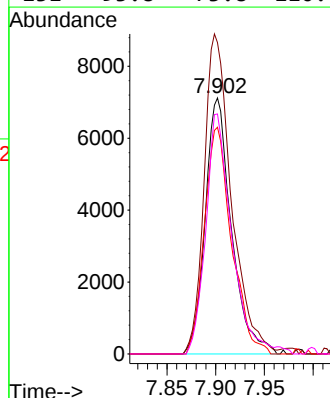
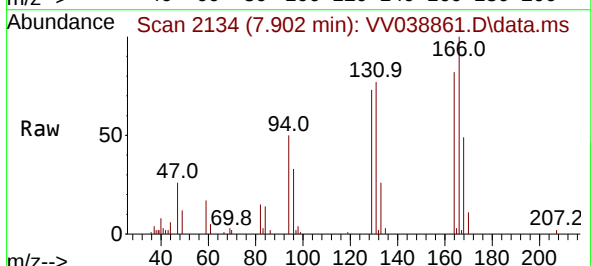
Delta R.T. 0.007 min

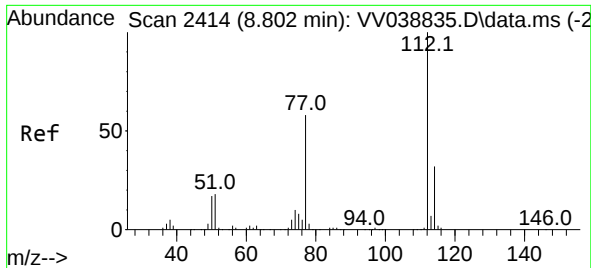
Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Tgt Ion:164 Resp: 13303

Ion	Ratio	Lower	Upper
164	100		
166	121.6	100.6	151.0
129	88.5	78.4	117.6
131	93.8	73.8	110.6





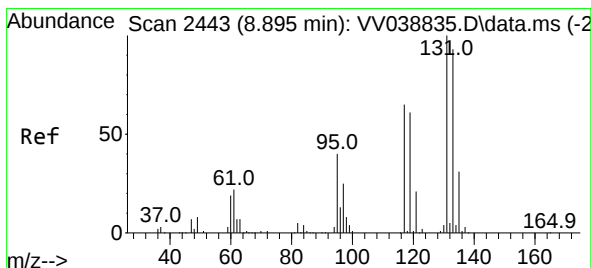
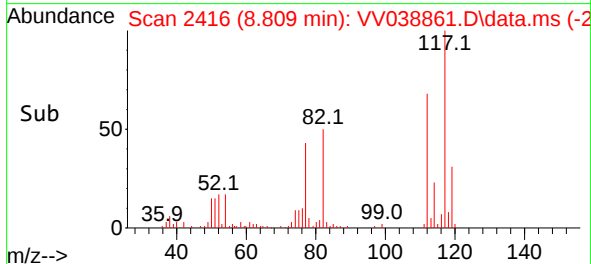
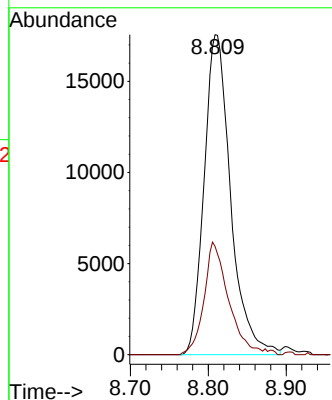
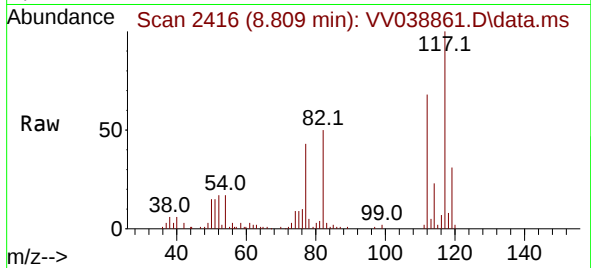
#65
Chlorobenzene
Concen: 2.809 ug/l
RT: 8.809 min Scan# 2414
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:112 Resp: 4154
Ion Ratio Lower Upper
112 100
114 33.8 25.6 38.4

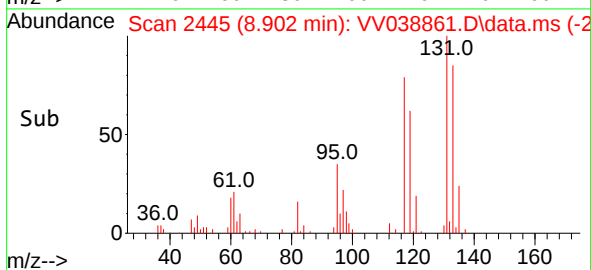
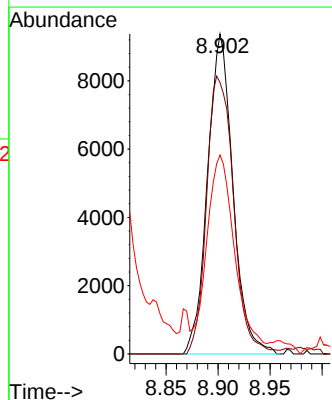
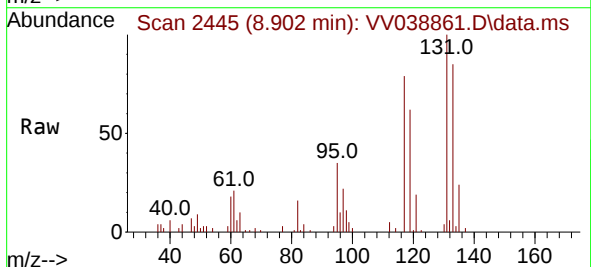
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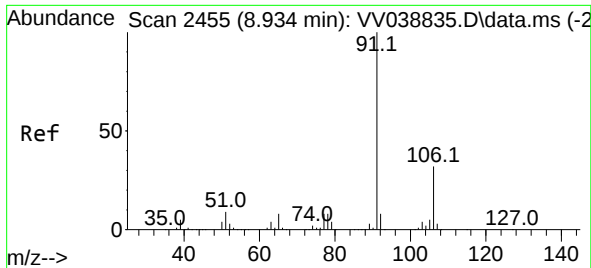
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 2.892 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion:131 Resp: 15967
Ion Ratio Lower Upper
131 100
133 91.9 47.3 142.0
119 61.3 31.0 93.0





#67

Ethyl Benzene

Concen: 2.511 ug/l

RT: 8.944 min Scan# 2455

Delta R.T. 0.010 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 91 Resp: 5816

Ion Ratio Lower Upper

91 100

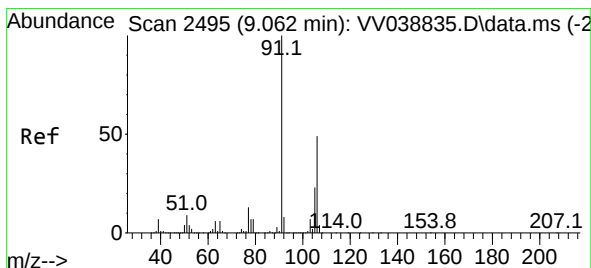
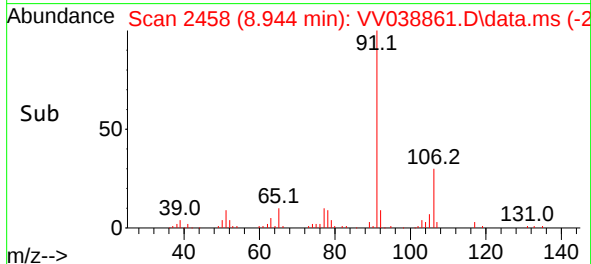
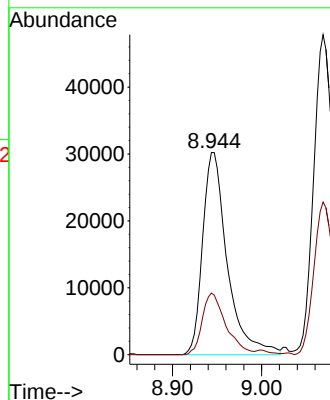
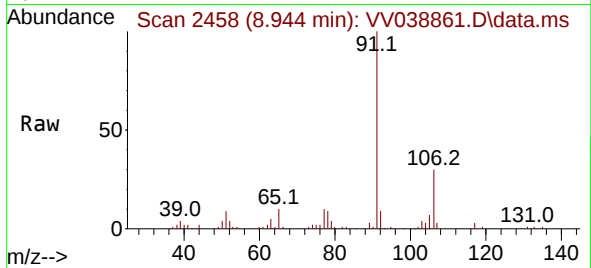
106 30.5 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025

Supervised By :Semsettin Yesilyurt 07/07/2025



#68

m/p-Xylenes

Concen: 4.805 ug/l

RT: 9.069 min Scan# 2497

Delta R.T. 0.007 min

Lab File: VV038861.D

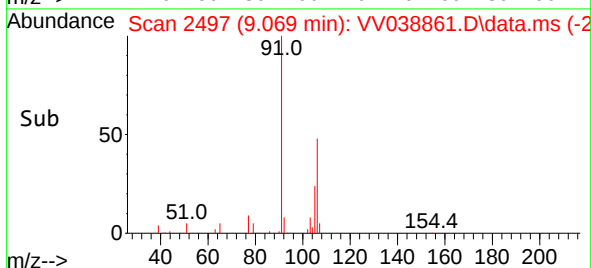
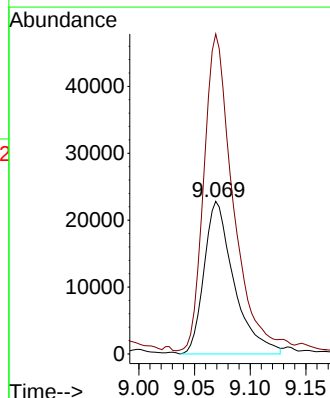
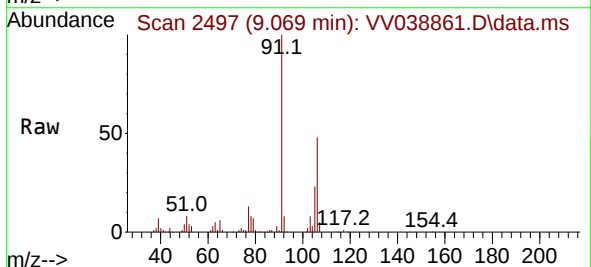
Acq: 03 Jul 2025 15:03

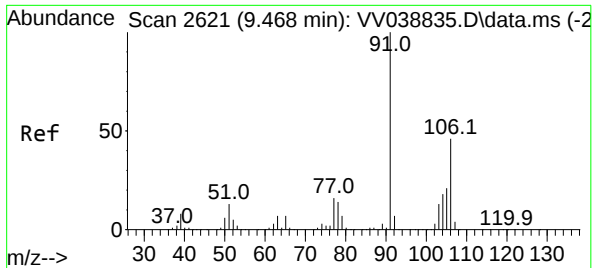
Tgt Ion:106 Resp: 42636

Ion Ratio Lower Upper

106 100

91 202.3 162.9 244.3





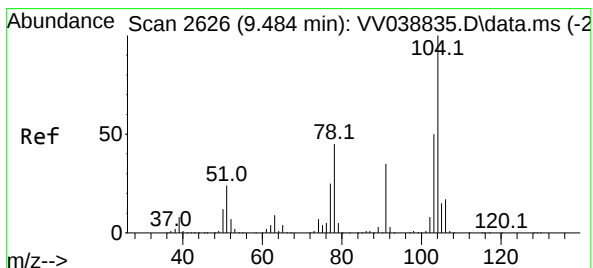
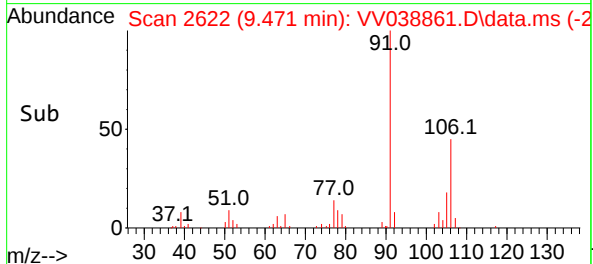
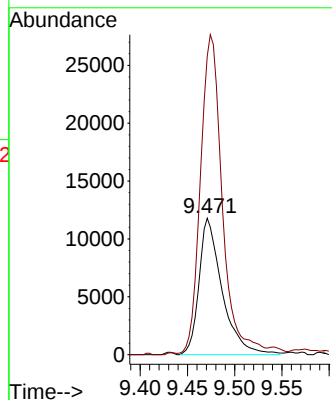
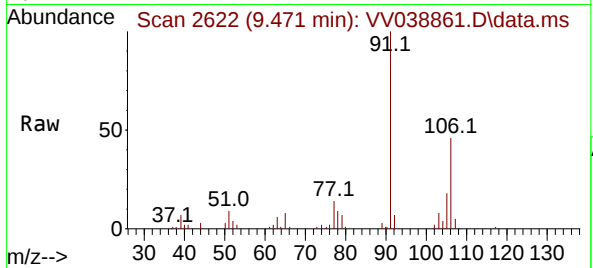
#69
o-Xylene
Concen: 2.367 ug/l
RT: 9.471 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 2006
Ion Ratio Lower Upper
106 100
91 218.2 107.6 322.8

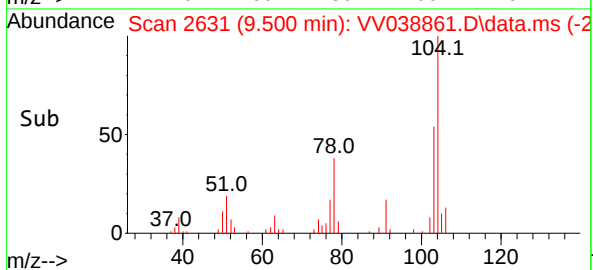
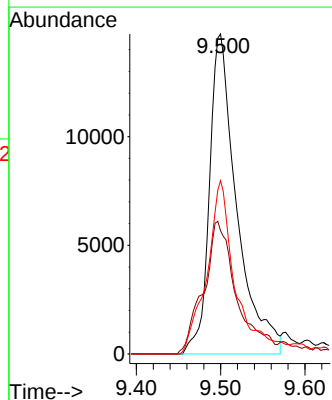
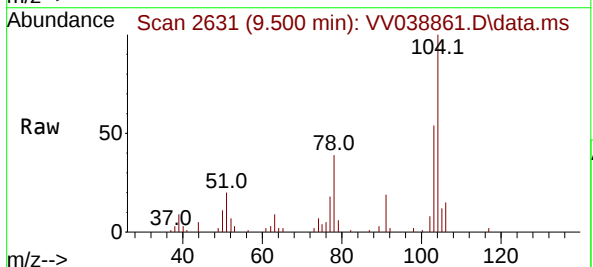
Manual Integrations
APPROVED

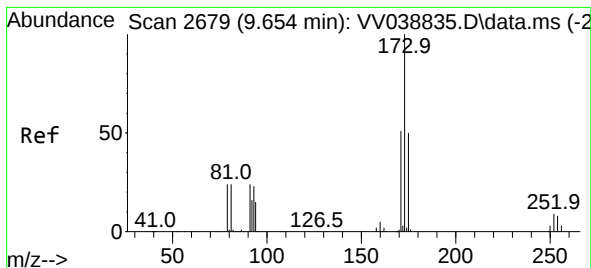
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#70
Styrene
Concen: 2.242 ug/l
RT: 9.500 min Scan# 2631
Delta R.T. 0.016 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion:104 Resp: 33181
Ion Ratio Lower Upper
104 100
78 50.5 39.9 59.9
103 56.6 43.4 65.0





#71

Bromoform

Concen: 2.851 ug/l

RT: 9.661 min Scan# 2

Delta R.T. 0.007 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

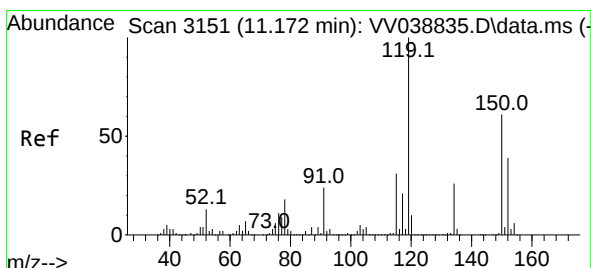
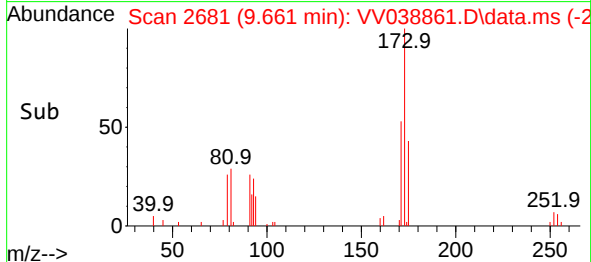
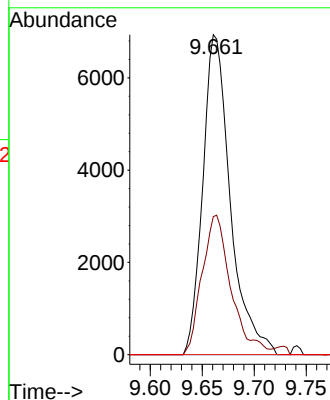
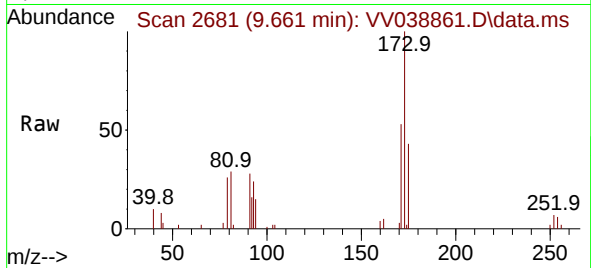
MDL02

Tgt Ion:173	Resp:	1279
Ion Ratio	Lower	Upper
173	100	
175	45.9	24.3 72.9
254	0.0	0.1 0.1

Manual Integrations

APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

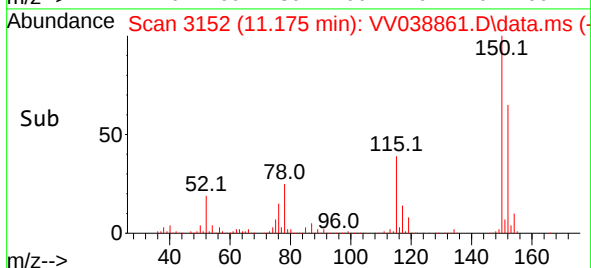
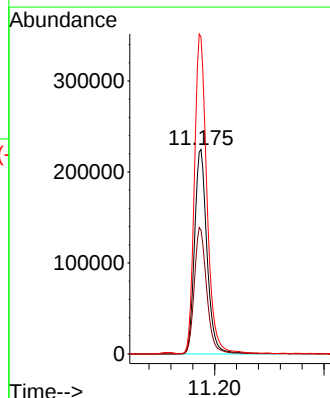
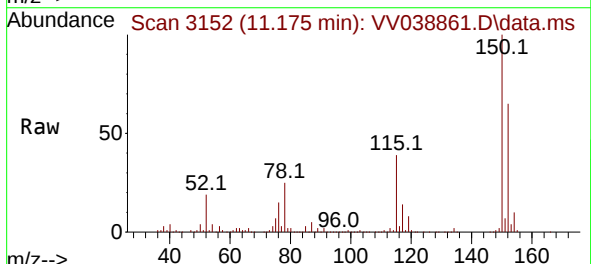
RT: 11.175 min Scan# 3152

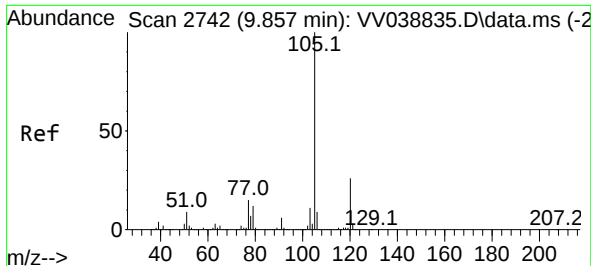
Delta R.T. 0.003 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Tgt Ion:152	Resp:	355671
Ion Ratio	Lower	Upper
152	100	
115	61.5	42.0 126.0
150	155.9	0.0 343.6





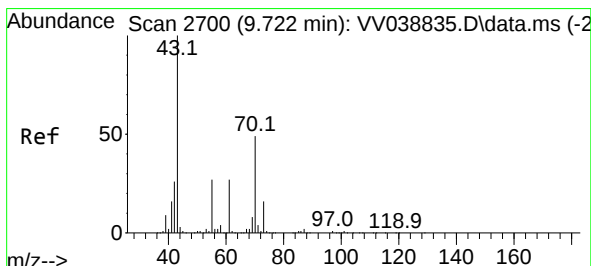
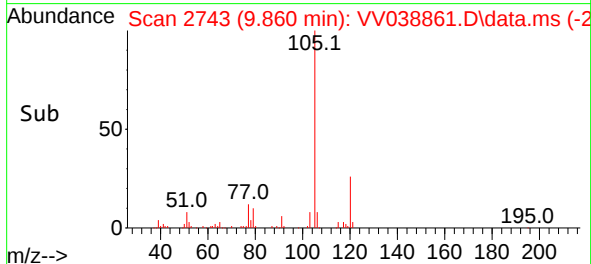
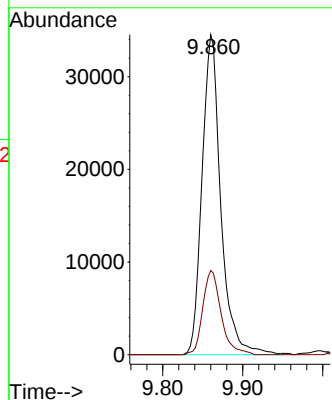
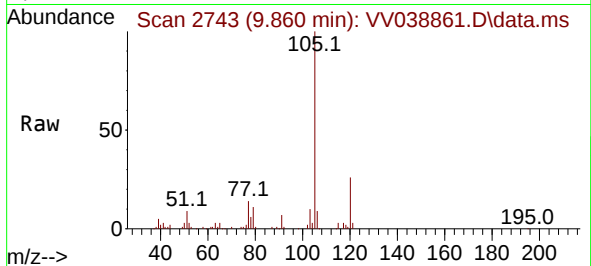
#73
Isopropylbenzene
Concen: 2.700 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 5635
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.3

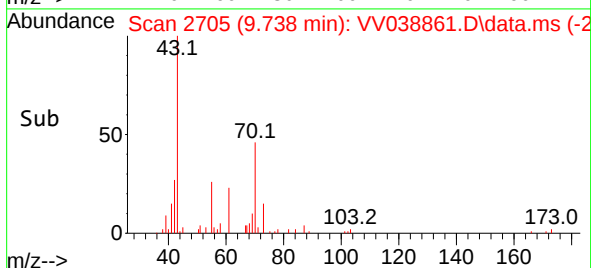
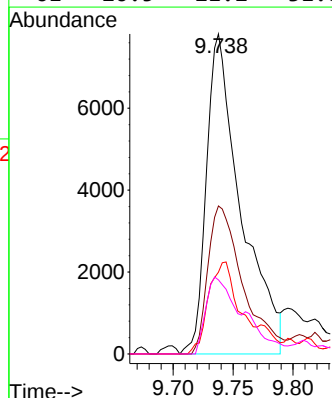
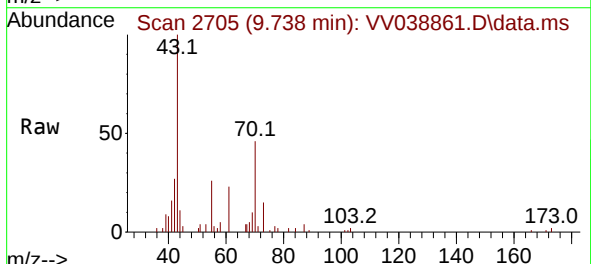
Manual Integrations
APPROVED

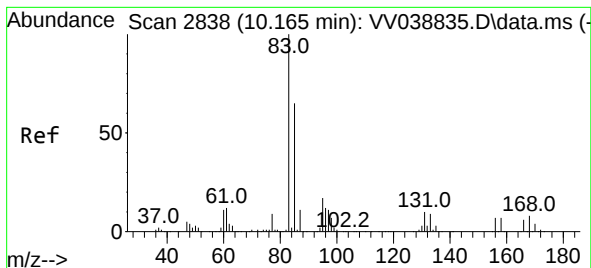
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#74
N-ethyl acetate
Concen: 2.138 ug/l
RT: 9.738 min Scan# 2705
Delta R.T. 0.016 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 43 Resp: 15620
Ion Ratio Lower Upper
43 100
70 47.2 39.7 59.5
55 25.9 22.1 33.1
61 26.5 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 3.117 ug/l

RT: 10.172 min Scan# 2838

Delta R.T. 0.007 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

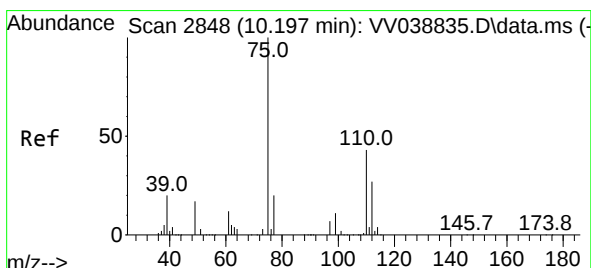
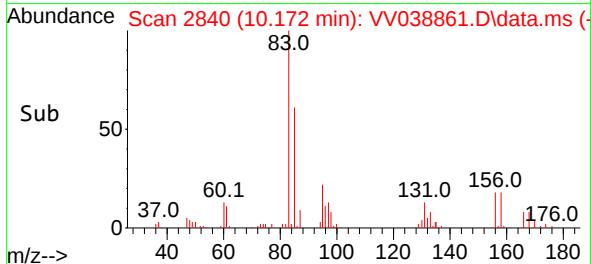
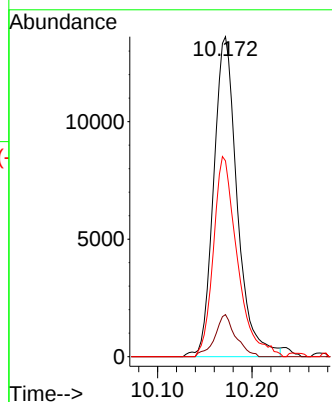
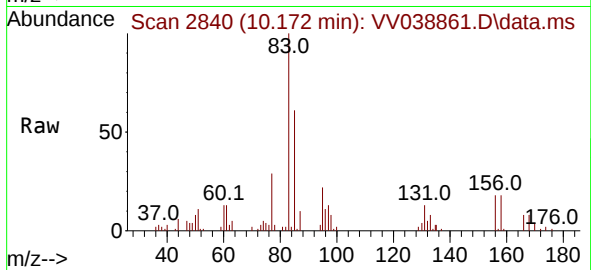
MDL02

Tgt Ion: 83 Resp: 2358
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.1 15.3
 85 63.5 31.6 95.0

Manual Integrations

APPROVED

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



#76

1,2,3-Trichloropropane

Concen: 3.119 ug/l

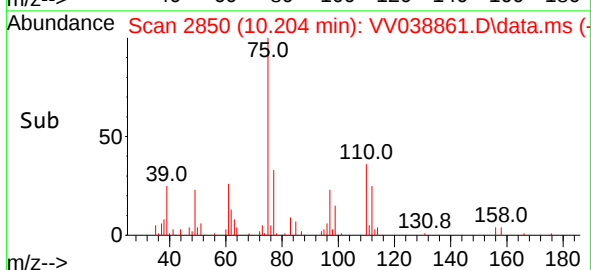
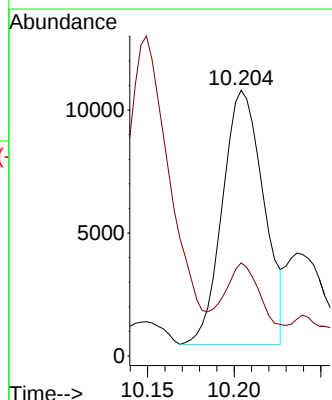
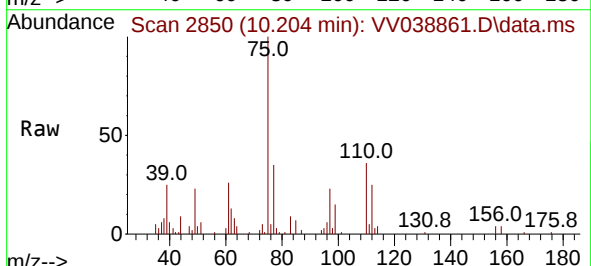
RT: 10.204 min Scan# 2850

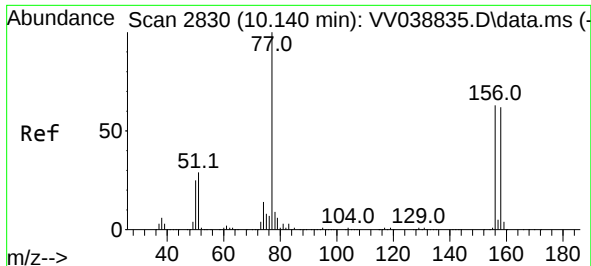
Delta R.T. 0.007 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

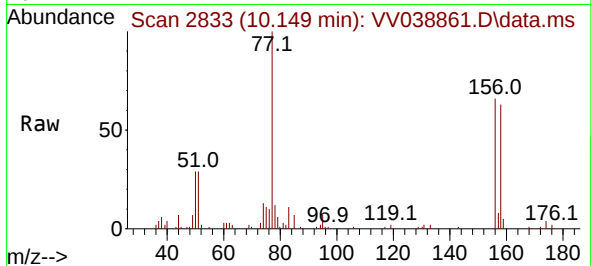
Tgt Ion: 75 Resp: 17163
 Ion Ratio Lower Upper
 75 100
 77 22.1 11.7 35.1





#77
Bromobenzene
Concen: 2.916 ug/l
RT: 10.149 min Scan# 2833
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

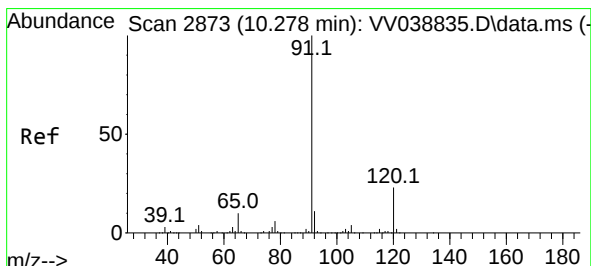
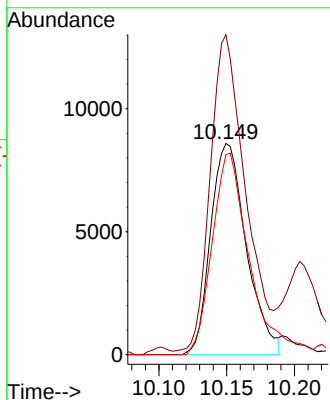
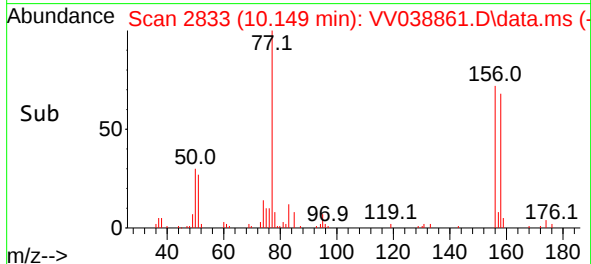
Instrument :
MSVOA_V
ClientSampleId :
MDL02



Tgt Ion:156 Resp: 1570
Ion Ratio Lower Upper
156 100
77 146.9 77.0 230.8
158 99.5 48.8 146.3

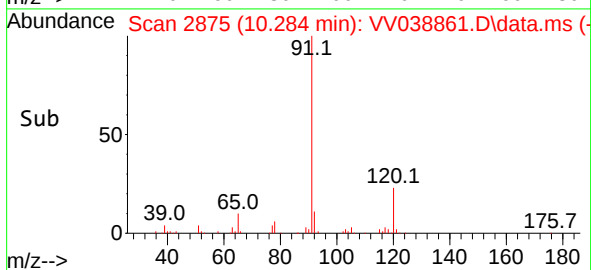
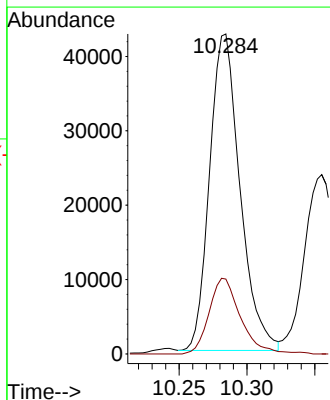
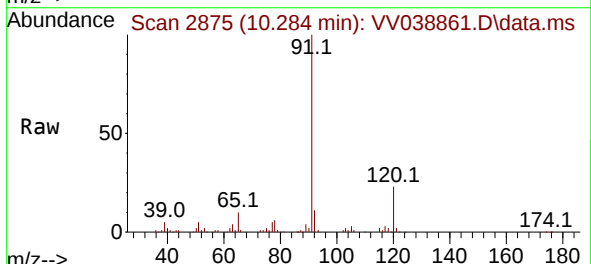
Manual Integrations
APPROVED

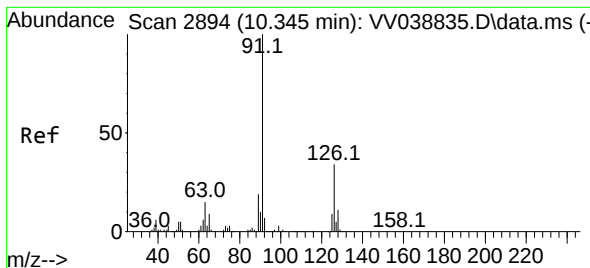
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#78
n-propylbenzene
Concen: 2.673 ug/l
RT: 10.284 min Scan# 2875
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 91 Resp: 66397
Ion Ratio Lower Upper
91 100
120 24.8 11.7 35.0





#79

2-Chlorotoluene

Concen: 2.818 ug/l

RT: 10.355 min Scan# 2894

Delta R.T. 0.010 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 91 Resp: 4251

Ion Ratio Lower Upper

91 100

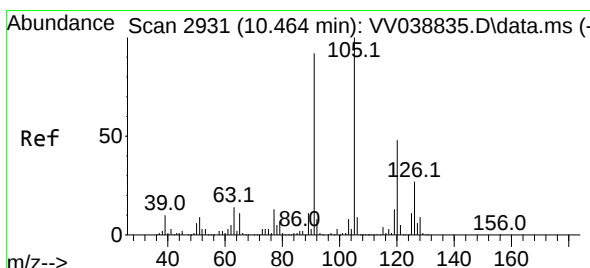
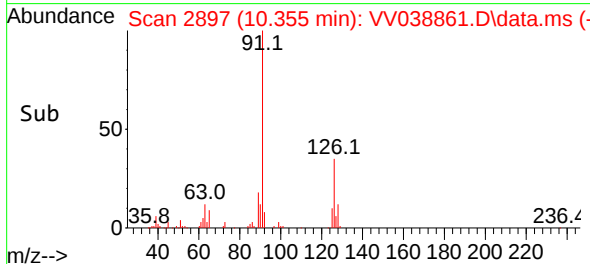
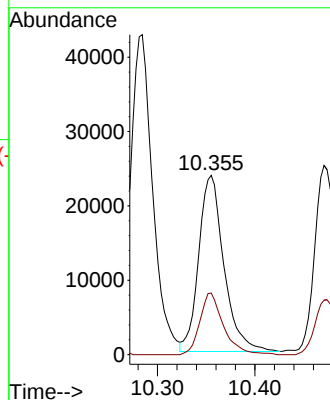
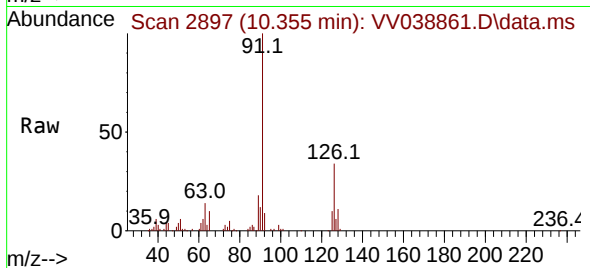
126 32.9 17.1 51.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/07/2025

Supervised By :Semsettin Yesilyurt 07/07/2025



#80

1,3,5-Trimethylbenzene

Concen: 2.575 ug/l

RT: 10.468 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV038861.D

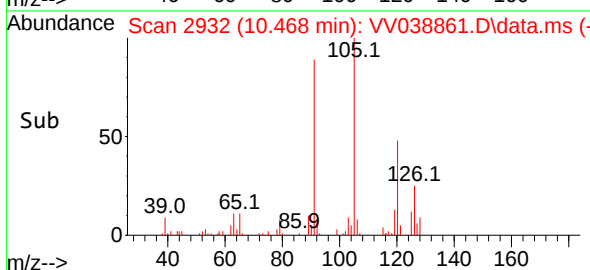
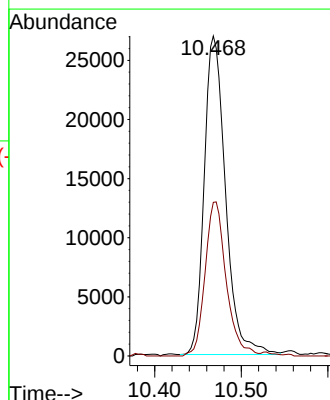
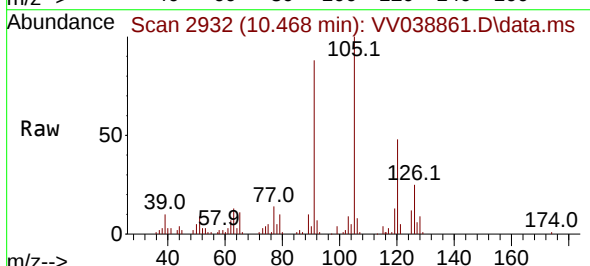
Acq: 03 Jul 2025 15:03

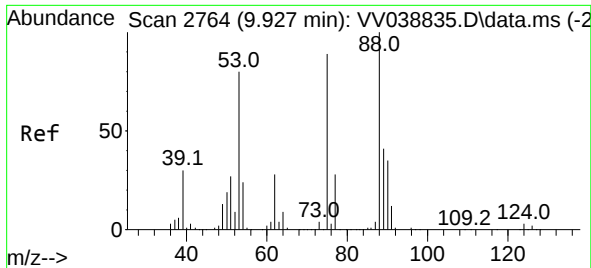
Tgt Ion:105 Resp: 45955

Ion Ratio Lower Upper

105 100

120 48.0 23.9 71.7





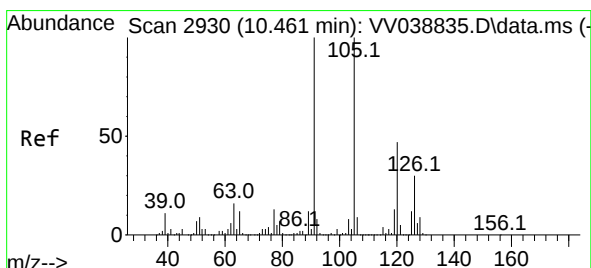
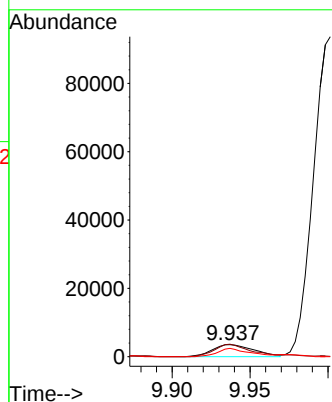
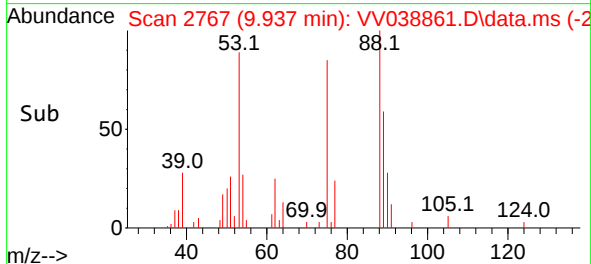
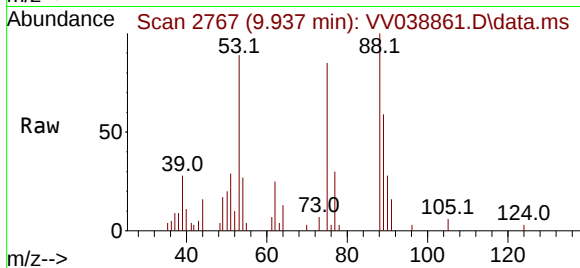
#81
trans-1,4-Dichloro-2-butene
Concen: 2.525 ug/l
RT: 9.937 min Scan# 2764
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 6529
Ion Ratio Lower Upper
75 100
53 96.7 71.2 106.8
89 52.1 44.6 66.8

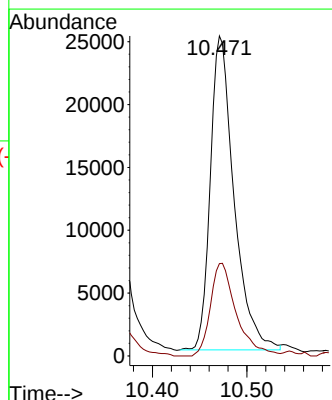
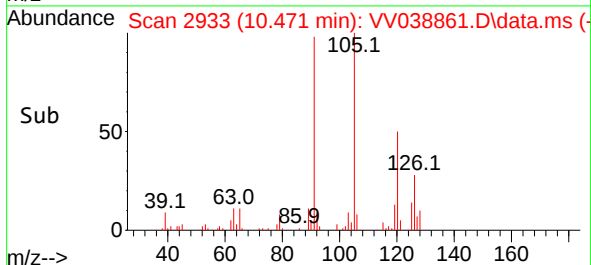
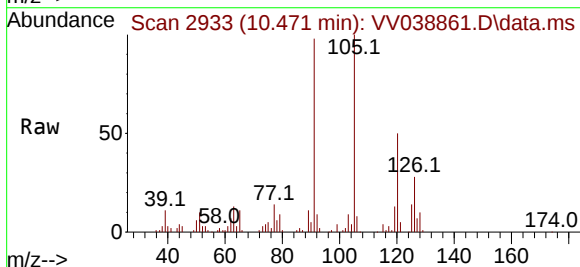
Manual Integrations
APPROVED

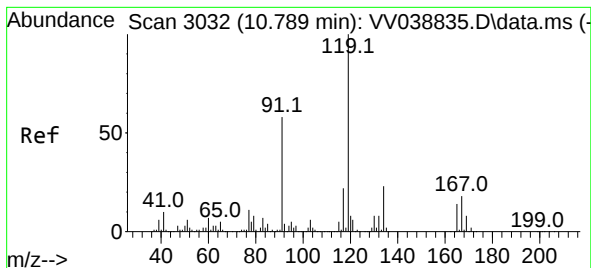
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#82
4-Chlorotoluene
Concen: 2.503 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 91 Resp: 43539
Ion Ratio Lower Upper
91 100
126 32.2 14.8 44.3





#83

tert-Butylbenzene

Concen: 2.647 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

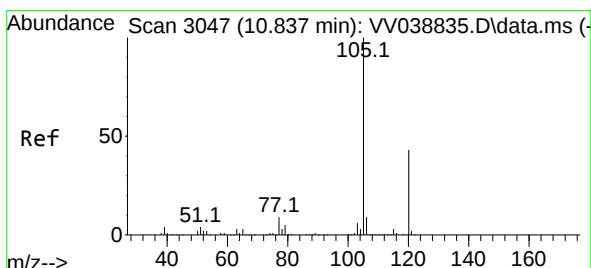
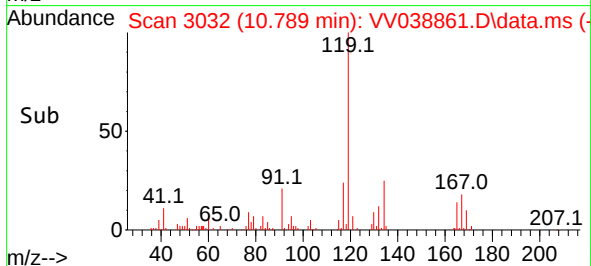
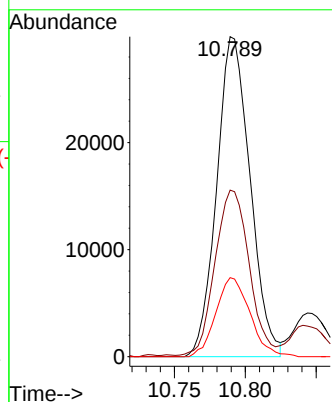
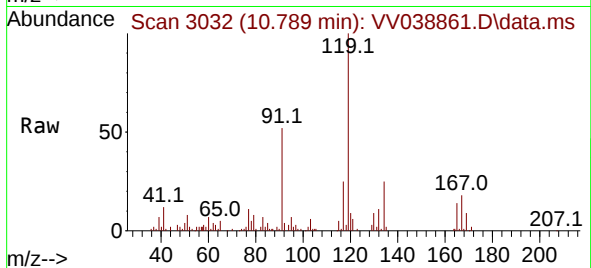
MDL02

Tgt Ion:	119	Resp:	49004
Ion Ratio	Lower	Upper	
119	100		
91	52.3	28.5	85.5
134	25.3	11.5	34.4

Manual Integrations

APPROVED

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



#84

1,2,4-Trimethylbenzene

Concen: 2.373 ug/l

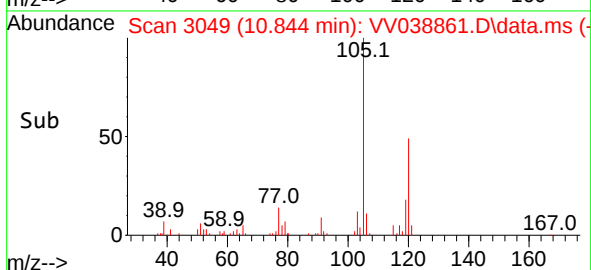
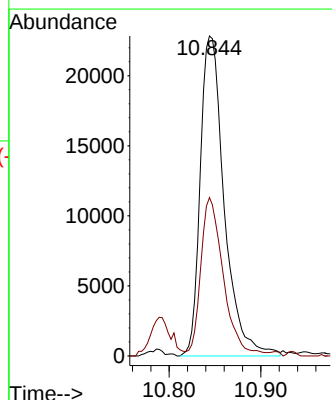
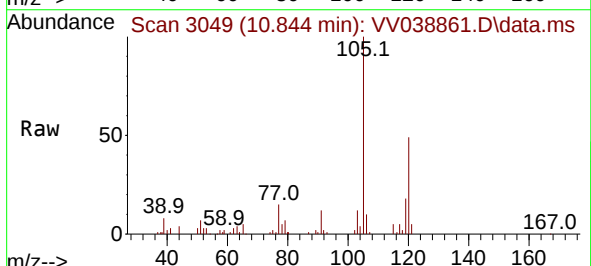
RT: 10.844 min Scan# 3049

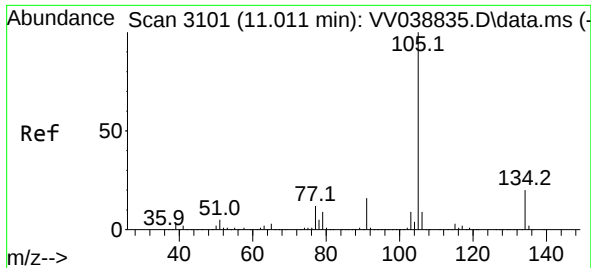
Delta R.T. 0.007 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Tgt Ion:	105	Resp:	41502
Ion Ratio	Lower	Upper	
105	100		
120	44.5	22.7	68.0





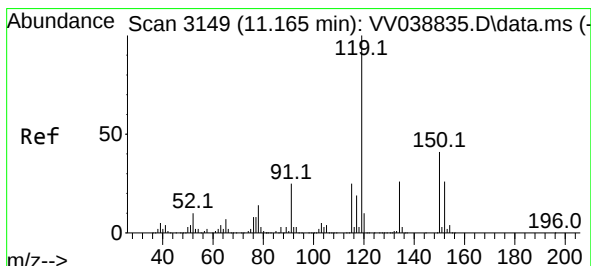
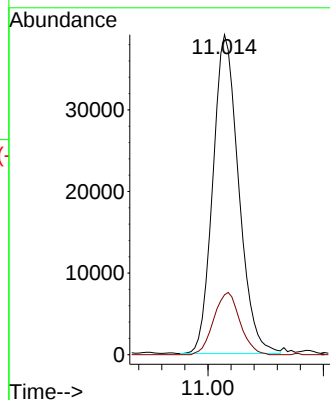
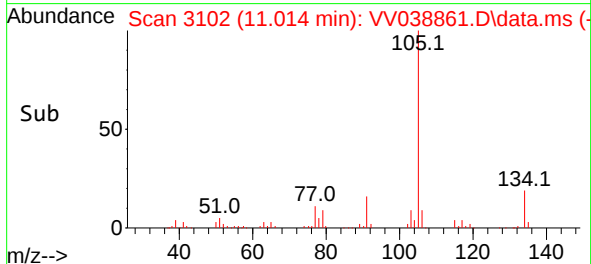
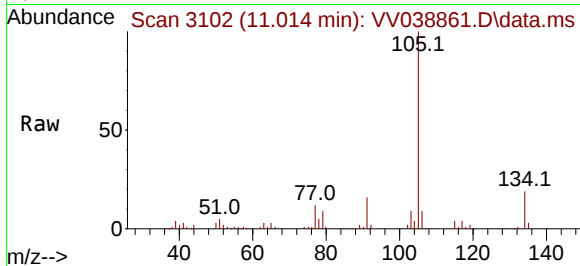
#85
 sec-Butylbenzene
 Concen: 2.574 ug/l
 RT: 11.014 min Scan# 3101
 Delta R.T. 0.003 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Tgt Ion:105 Resp: 60650
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0

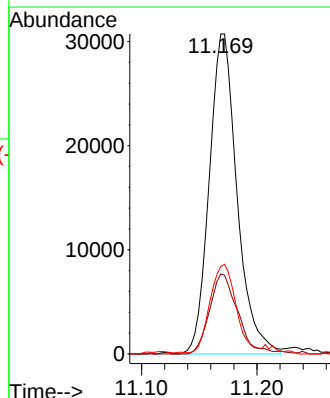
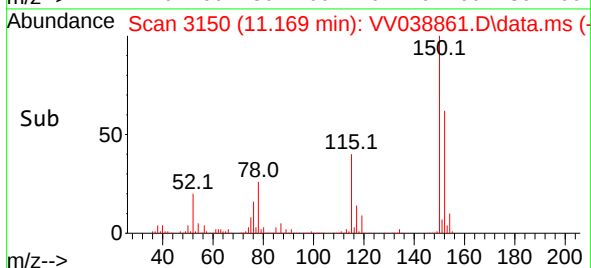
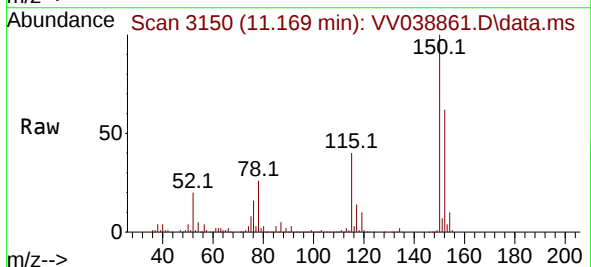
Manual Integrations
 APPROVED

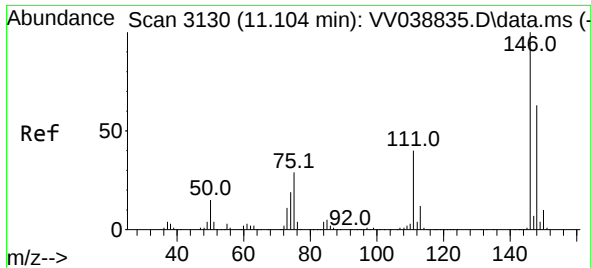
Reviewed By :Mahesh Dadoda 07/07/2025
 Supervised By :Semsettin Yesilyurt 07/07/2025



#86
 p-Isopropyltoluene
 Concen: 2.545 ug/l
 RT: 11.169 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03

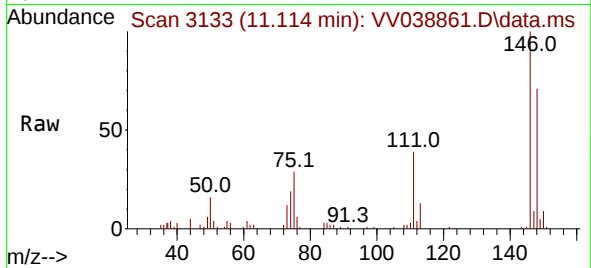
Tgt Ion:119 Resp: 51427
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 26.5 12.4 37.0





#87
1,3-Dichlorobenzene
Concen: 2.794 ug/l
RT: 11.114 min Scan# 3110
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

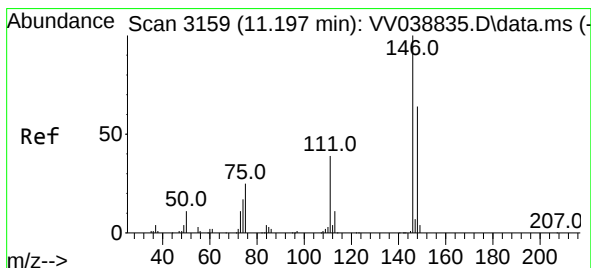
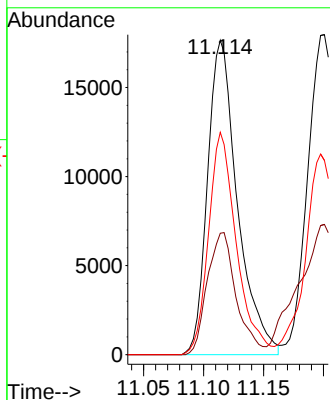
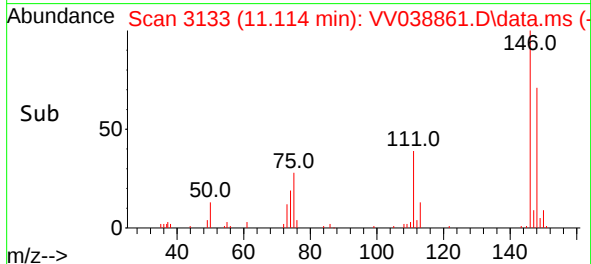
Instrument :
MSVOA_V
ClientSampleId :
MDL02



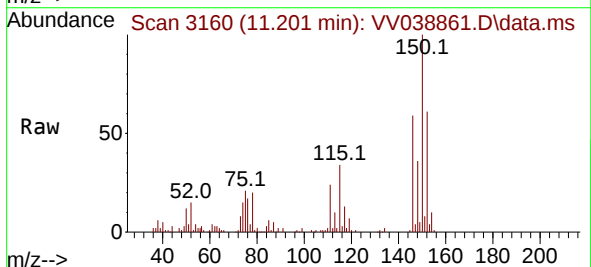
Tgt Ion:146 Resp: 30590
Ion Ratio Lower Upper
146 100
111 37.8 20.2 60.6
148 66.1 31.3 93.8

Manual Integrations
APPROVED

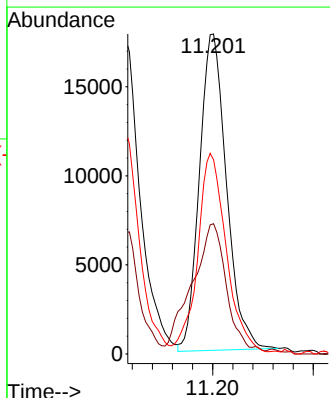
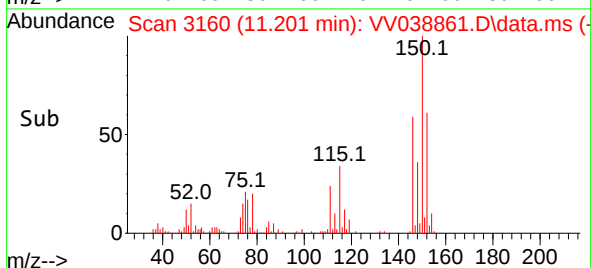
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025

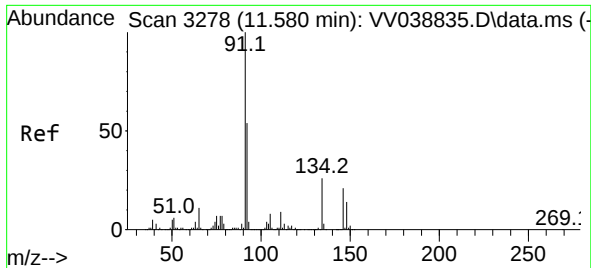


#88
1,4-Dichlorobenzene
Concen: 2.878 ug/l
RT: 11.201 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03



Tgt Ion:146 Resp: 33196
Ion Ratio Lower Upper
146 100
111 53.4 19.8 59.3
148 66.4 32.0 96.2





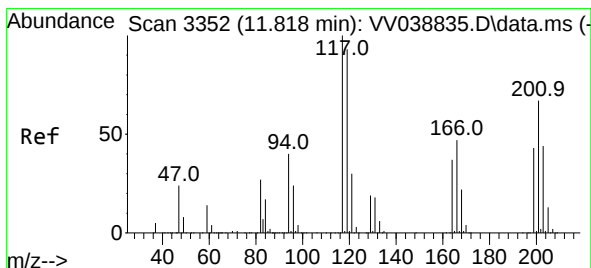
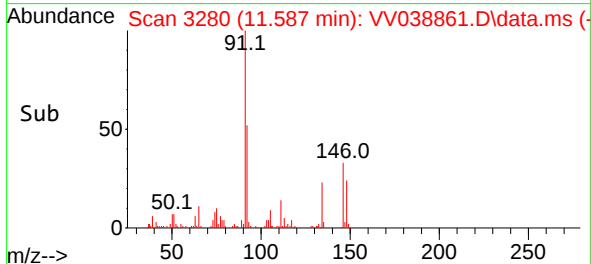
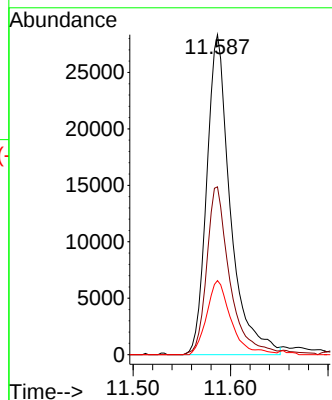
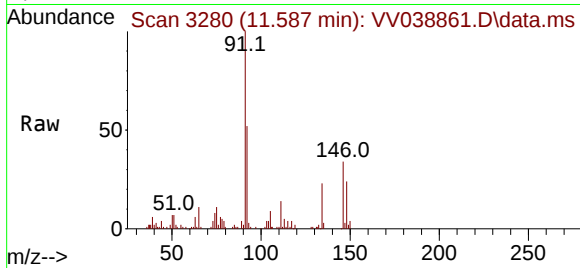
#89
n-Butylbenzene
Concen: 2.549 ug/l
RT: 11.587 min Scan# 31
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 47728
Ion Ratio Lower Upper
91 100
92 50.9 26.7 80.0
134 24.0 12.9 38.7

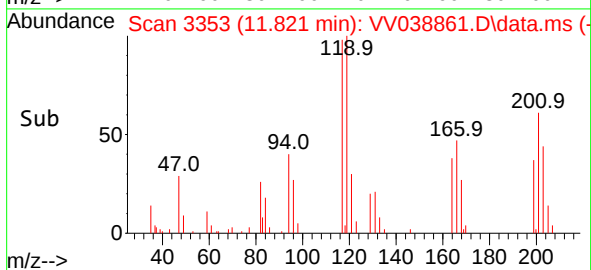
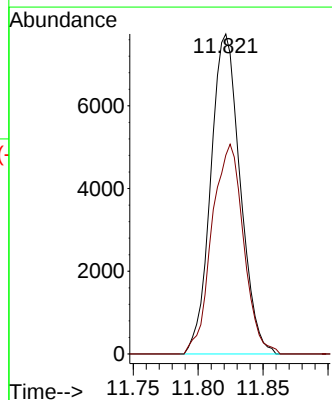
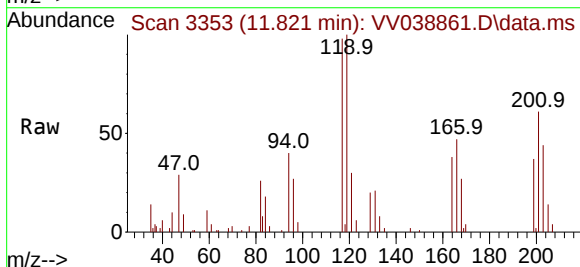
Manual Integrations
APPROVED

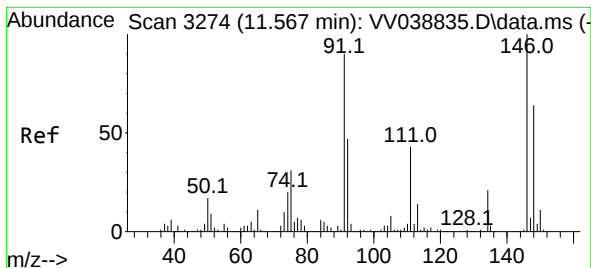
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#90
Hexachloroethane
Concen: 2.778 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion:117 Resp: 12182
Ion Ratio Lower Upper
117 100
201 70.5 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 2.796 ug/l

RT: 11.577 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

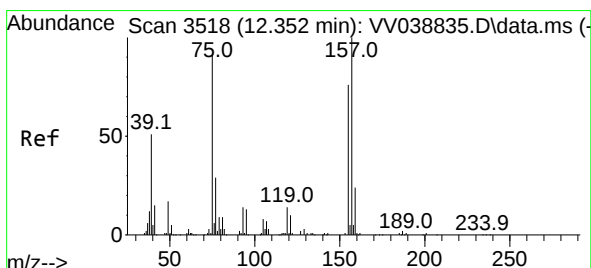
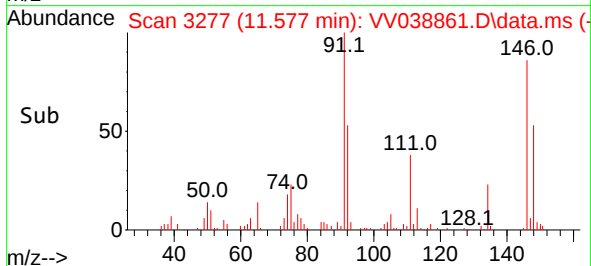
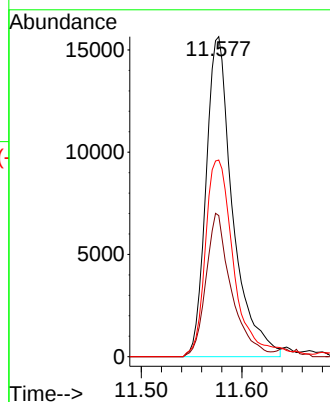
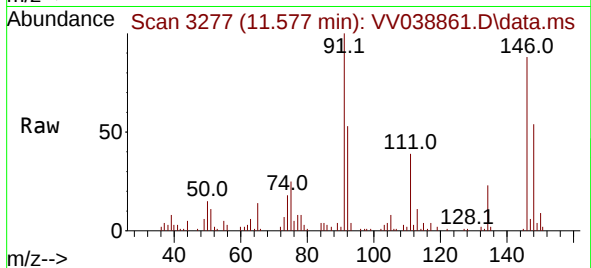
MDL02

Tgt Ion:	146	Resp:	2884
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.3	63.7
148	66.4	32.0	96.0

Manual Integrations

APPROVED

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.894 ug/l

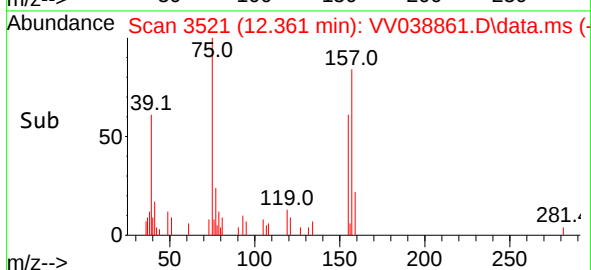
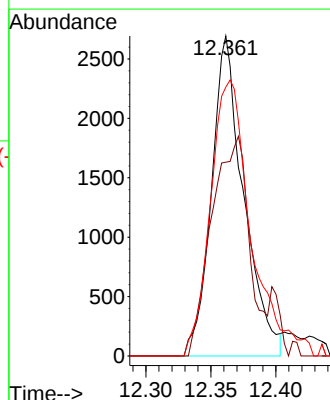
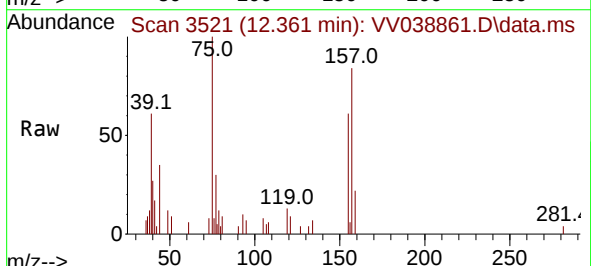
RT: 12.361 min Scan# 3521

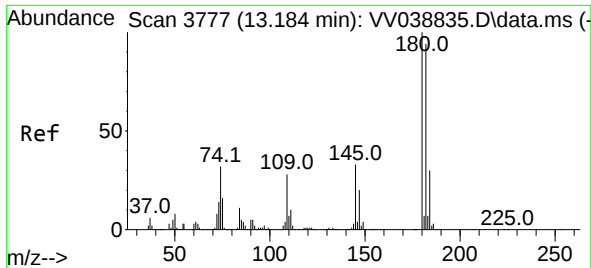
Delta R.T. 0.010 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Tgt Ion:	75	Resp:	4637
Ion Ratio	Lower	Upper	
75	100		
155	80.5	43.2	129.6
157	108.4	54.9	164.5





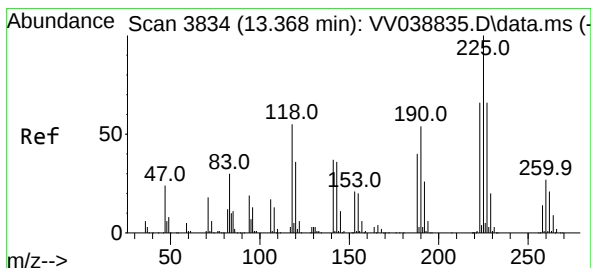
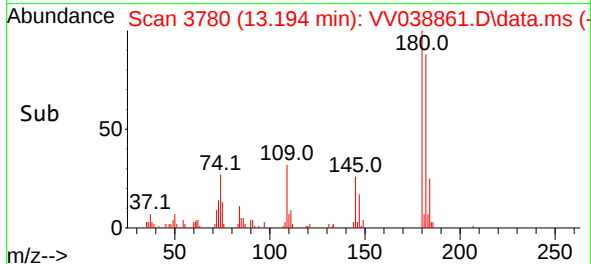
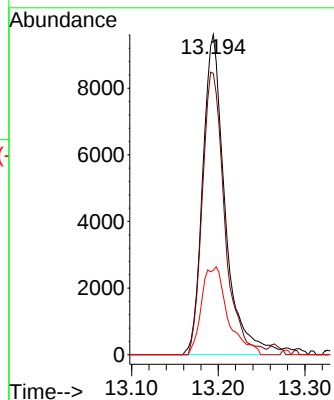
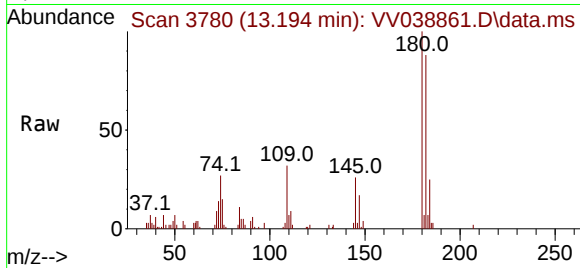
#93
1,2,4-Trichlorobenzene
Concen: 2.572 ug/l
RT: 13.194 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:180 Resp: 1720
Ion Ratio Lower Upper
180 100
182 88.0 47.6 142.8
145 32.2 16.4 49.1

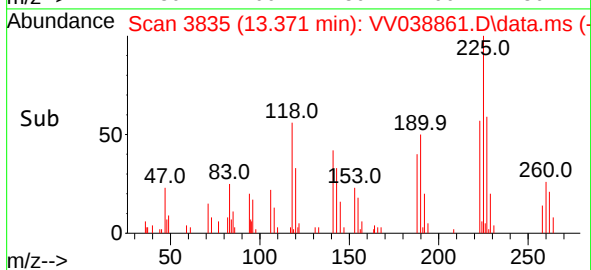
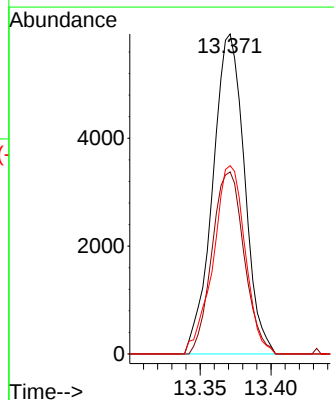
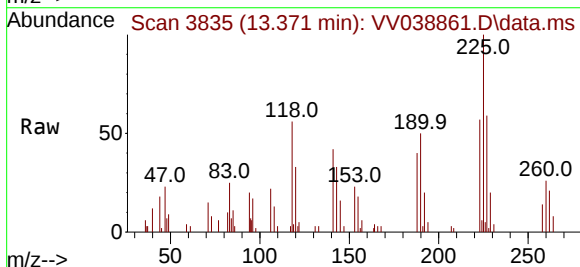
Manual Integrations
APPROVED

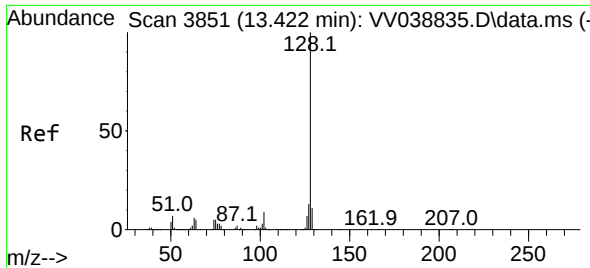
Reviewed By :Mahesh Dadoda 07/07/2025
Supervised By :Semsettin Yesilyurt 07/07/2025



#94
Hexachlorobutadiene
Concen: 2.866 ug/l
RT: 13.371 min Scan# 3835
Delta R.T. 0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

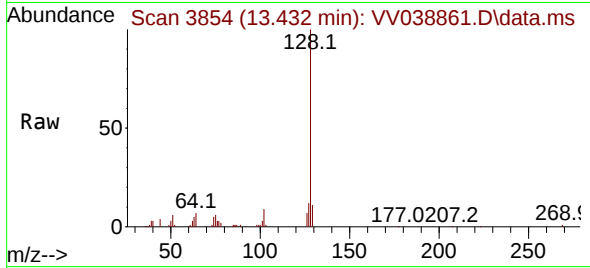
Tgt Ion:225 Resp: 9250
Ion Ratio Lower Upper
225 100
223 57.6 33.2 99.6
227 59.1 32.3 96.8





#95
Naphthalene
Concen: 2.125 ug/l
RT: 13.432 min Scan# 3854
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

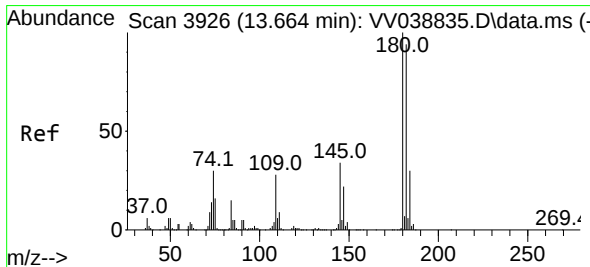
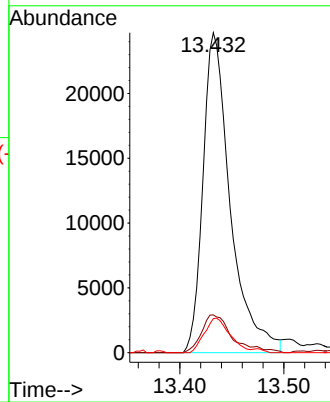
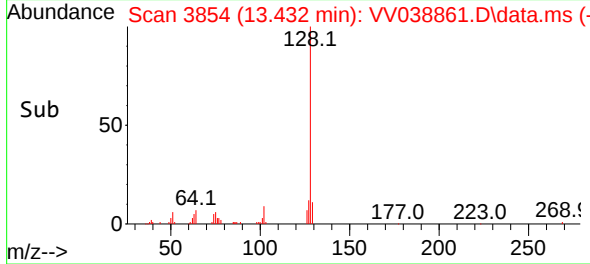
Instrument :
MSVOA_V
ClientSampleId :
MDL02



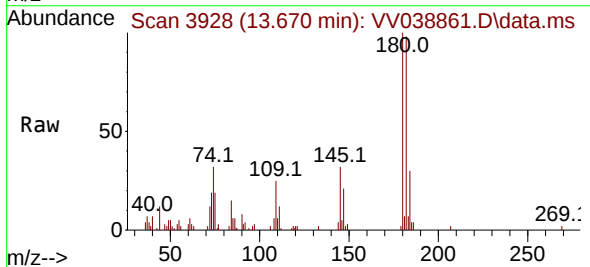
Tgt Ion:128 Resp: 45208
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.0 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 2.334 ug/l
RT: 13.670 min Scan# 3928
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03



Tgt Ion:180 Resp: 16110
Ion Ratio Lower Upper
180 100
182 99.3 47.3 141.9
145 33.6 17.1 51.2

