

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039034.D
 Acq On : 25 Aug 2025 15:53
 Operator : SY/MD
 Sample : Q2893-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Quant Time: Aug 26 03:48:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 03:46:33 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	479481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	844888	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	786992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	368604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	365249	52.815	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 105.620%			
35) Dibromofluoromethane	4.506	113	326560	53.671	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 107.340%			
50) Toluene-d8	7.236	98	1007446	46.763	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 93.520%			
62) 4-Bromofluorobenzene	10.001	95	341713	43.288	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 86.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	3804	0.592	ug/l	76
3) Chloromethane	1.230	50	4740	0.693	ug/l	97
4) Vinyl Chloride	1.298	62	5386	0.675	ug/l	91
5) Bromomethane	1.500	94	4092	1.021	ug/l	98
6) Chloroethane	1.561	64	2968	0.614	ug/l #	70
7) Trichlorofluoromethane	1.728	101	7627	0.664	ug/l	92
8) Diethyl Ether	1.925	74	2627	0.603	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.085	101	4917	0.711	ug/l #	88
10) Methyl Iodide	2.204	142	4494	0.884	ug/l	89
11) Tert butyl alcohol	2.574	59	4024m	3.241	ug/l	
12) 1,1-Dichloroethene	2.079	96	4815	0.727	ug/l #	87
13) Acrolein	2.015	56	2943	5.251	ug/l	83
14) Allyl chloride	2.368	41	5822	0.558	ug/l #	78
15) Acrylonitrile	2.706	53	14340m	3.873	ug/l	
16) Acetone	2.124	43	14543	3.330	ug/l	97
17) Carbon Disulfide	2.253	76	14427	0.784	ug/l	98
18) Methyl Acetate	2.410	43	4503	0.519	ug/l #	88
19) Methyl tert-butyl Ether	2.719	73	10229	0.524	ug/l	91
20) Methylene Chloride	2.462	84	7883	1.105	ug/l	90
21) trans-1,2-Dichloroethene	2.716	96	4384	0.660	ug/l	99
22) Diisopropyl ether	3.224	45	10165	0.536	ug/l #	87
23) Vinyl Acetate	3.240	43	46163m	2.935	ug/l	
24) 1,1-Dichloroethane	3.134	63	8681	0.730	ug/l	99
25) 2-Butanone	3.995	43	18395m	3.846	ug/l	
26) 2,2-Dichloropropane	3.825	77	7224m	0.707	ug/l	
27) cis-1,2-Dichloroethene	3.857	96	4271	0.580	ug/l	72
28) Bromochloromethane	4.166	49	3828m	1.189	ug/l	
29) Tetrahydrofuran	4.288	42	10158m	3.359	ug/l	
30) Chloroform	4.301	83	7322	0.592	ug/l #	78
31) Cyclohexane	4.593	56	14036	1.335	ug/l #	39
32) 1,1,1-Trichloroethane	4.523	97	7169	0.659	ug/l #	45
36) 1,1-Dichloropropene	4.773	75	4451m	0.544	ug/l	
37) Ethyl Acetate	3.995	43	6480m	0.675	ug/l	
38) Carbon Tetrachloride	4.738	117	5512	0.563	ug/l #	85
39) Methylcyclohexane	6.056	83	5844	0.557	ug/l	87
40) Benzene	5.034	78	15299	0.585	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.243	41	844m	0.274	ug/l	
42) 1,2-Dichloroethane	5.076	62	5602	0.615	ug/l	85
43) Isopropyl Acetate	5.259	43	5311m	0.389	ug/l	
44) Trichloroethene	5.857	130	3626	0.553	ug/l	92
45) 1,2-Dichloropropane	6.114	63	3312	0.499	ug/l	95
46) Dibromomethane	6.252	93	3251	0.645	ug/l #	82
47) Bromodichloromethane	6.449	83	6489	0.625	ug/l	96
48) Methyl methacrylate	6.394	41	3683m	0.552	ug/l	
49) 1,4-Dioxane	6.346	88	1407m	12.484	ug/l	
51) 4-Methyl-2-Pentanone	7.166	43	25585m	2.664	ug/l	
52) Toluene	7.333	92	8460	0.508	ug/l #	73
53) t-1,3-Dichloropropene	7.612	75	5505m	0.552	ug/l	
54) cis-1,3-Dichloropropene	6.976	75	5285	0.494	ug/l #	80
55) 1,1,2-Trichloroethane	7.780	97	3667	0.527	ug/l #	87
56) Ethyl methacrylate	7.764	69	4610m	0.500	ug/l	
57) 1,3-Dichloropropane	7.960	76	5965	0.531	ug/l	92
58) 2-Chloroethyl Vinyl ether	6.863	63	8471m	1.834	ug/l	
59) 2-Hexanone	8.114	43	20470m	2.872	ug/l	
60) Dibromochloromethane	8.178	129	4631	0.576	ug/l	97
61) 1,2-Dibromoethane	8.297	107	3824	0.533	ug/l #	53
64) Tetrachloroethene	7.905	164	3241	0.579	ug/l #	88
65) Chlorobenzene	8.812	112	11859	0.630	ug/l	91
66) 1,1,1,2-Tetrachloroethane	8.908	131	3883	0.591	ug/l #	64
67) Ethyl Benzene	8.953	91	14896	0.500	ug/l	95
68) m/p-Xylenes	9.079	106	11714	1.023	ug/l	84
69) o-Xylene	9.481	106	4914	0.469	ug/l	93
70) Styrene	9.522	104	8411m	0.455	ug/l	
71) Bromoform	9.670	173	3501	0.659	ug/l #	96
73) Isopropylbenzene	9.863	105	13664	0.529	ug/l	99
74) N-amyl acetate	9.764	43	4086m	0.385	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.175	83	6780	0.666	ug/l	90
76) 1,2,3-Trichloropropane	10.214	75	5201	0.719	ug/l	94
77) Bromobenzene	10.162	156	3704	0.579	ug/l	76
78) n-propylbenzene	10.291	91	17021	0.558	ug/l	100
79) 2-Chlorotoluene	10.362	91	10931	0.582	ug/l	96
80) 1,3,5-Trimethylbenzene	10.474	105	9921	0.468	ug/l	96
81) trans-1,4-Dichloro-2-b...	9.976	75	1731m	0.526	ug/l	
82) 4-Chlorotoluene	10.481	91	10381	0.485	ug/l	94
83) tert-Butylbenzene	10.796	119	12667	0.587	ug/l	94
84) 1,2,4-Trimethylbenzene	10.854	105	10638	0.513	ug/l	94
85) sec-Butylbenzene	11.014	105	15313	0.540	ug/l	90
86) p-Isopropyltoluene	11.172	119	12822	0.542	ug/l	90
87) 1,3-Dichlorobenzene	11.120	146	7592	0.593	ug/l	95
88) 1,4-Dichlorobenzene	11.201	146	9575m	0.695	ug/l	
89) n-Butylbenzene	11.593	91	10646	0.467	ug/l	93
90) Hexachloroethane	11.821	117	3364	0.637	ug/l	92
91) 1,2-Dichlorobenzene	11.587	146	6932	0.559	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.371	75	969	0.438	ug/l	88
93) 1,2,4-Trichlorobenzene	13.201	180	4290	0.597	ug/l	82
94) Hexachlorobutadiene	13.374	225	2791	0.830	ug/l	73
95) Naphthalene	13.442	128	11318	0.454	ug/l	98
96) 1,2,3-Trichlorobenzene	13.680	180	4098	0.563	ug/l	96

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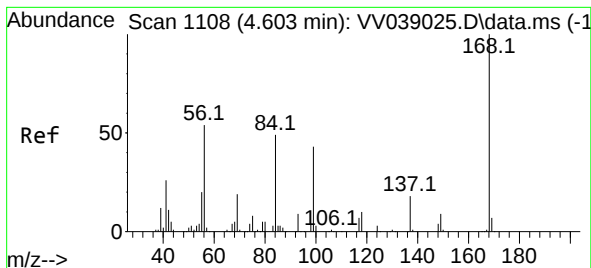
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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[illegible]



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

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LOD-MDL-WATER-01-QT3-2025

Tgt Ion:168 Resp: 47948

Ion Ratio Lower Upper

168 100

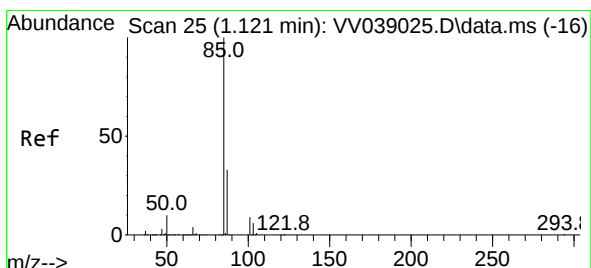
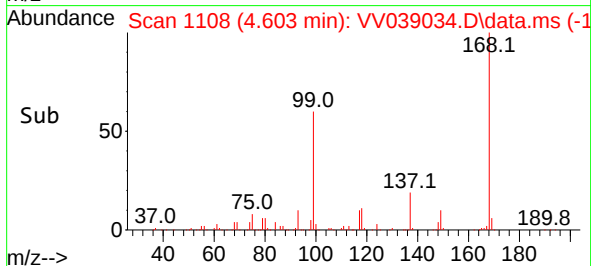
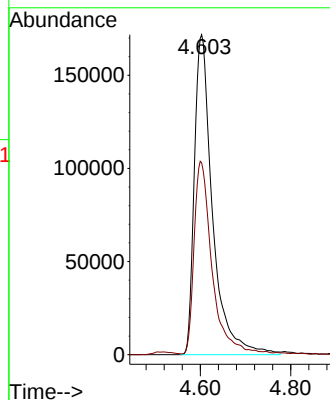
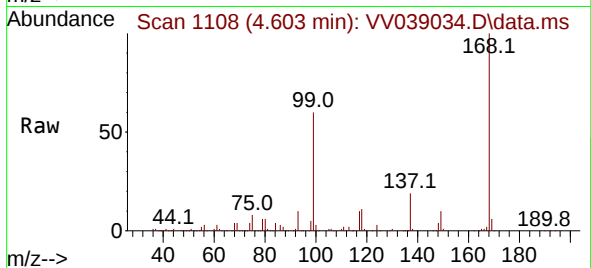
99 59.6 47.8 71.8

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#2

Dichlorodifluoromethane

Concen: 0.592 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039034.D

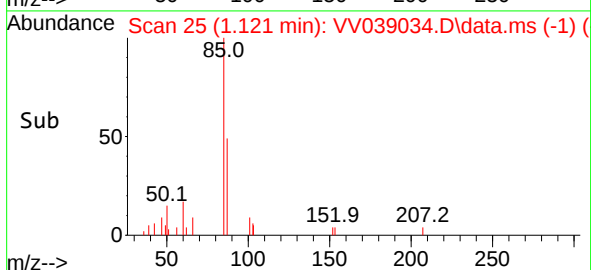
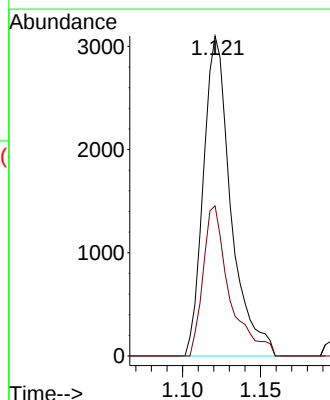
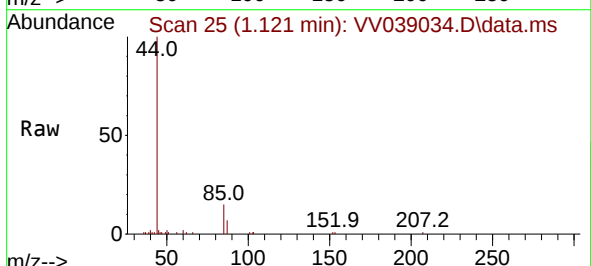
Acq: 25 Aug 2025 15:53

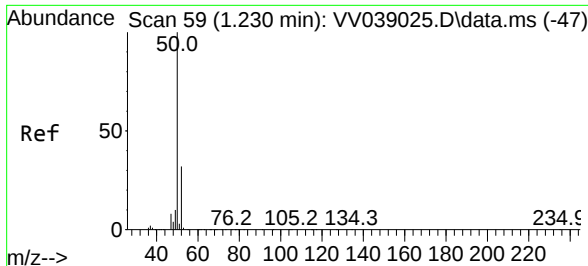
Tgt Ion: 85 Resp: 3804

Ion Ratio Lower Upper

85 100

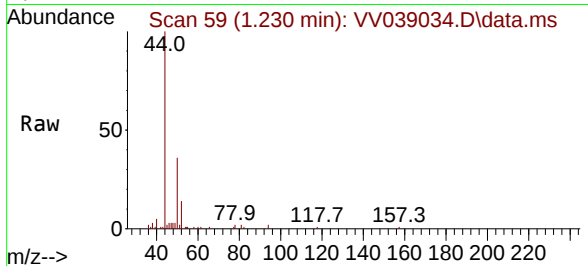
87 46.9 16.6 49.8





#3
Chloromethane
Concen: 0.693 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

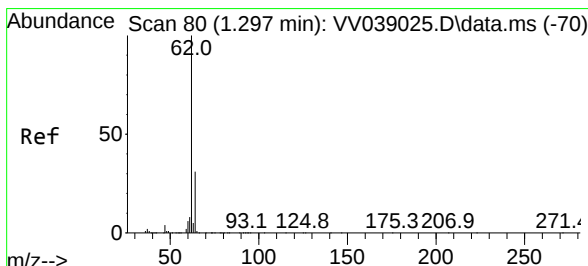
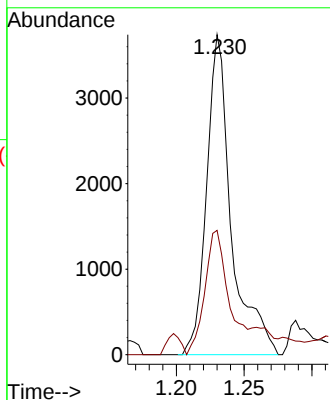
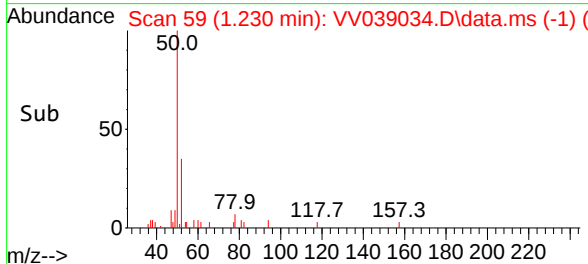
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ClientSampleId : LOD-MDL-WATER-01-QT3-2025



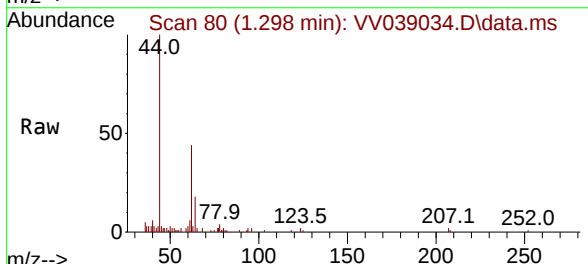
Tgt Ion: 50 Resp: 4740
Ion Ratio Lower Upper
50 100
52 33.9 25.6 38.4

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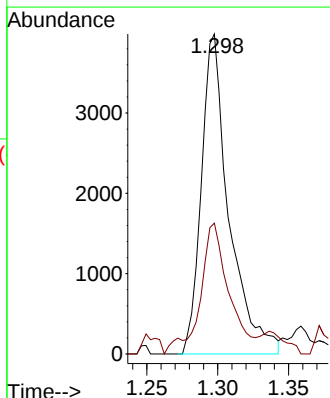
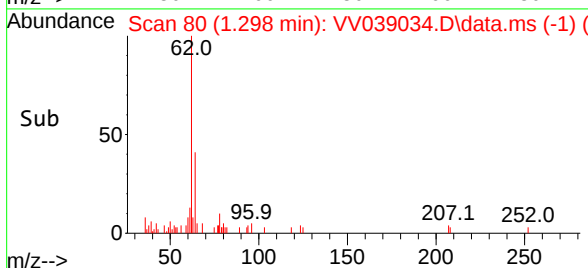
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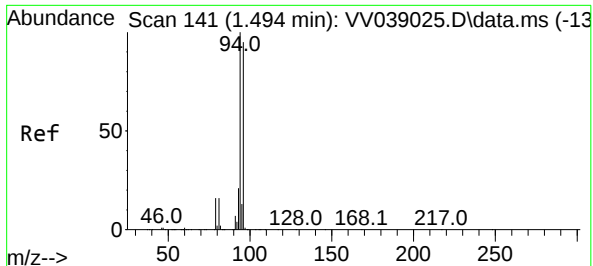


#4
Vinyl Chloride
Concen: 0.675 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53



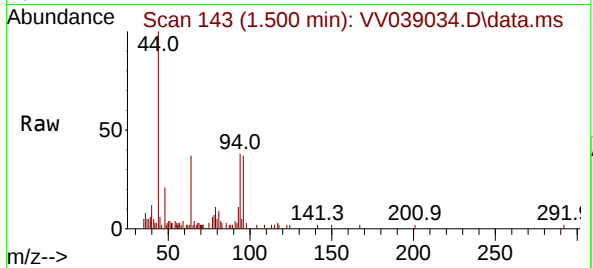
Tgt Ion: 62 Resp: 5386
Ion Ratio Lower Upper
62 100
64 35.9 24.7 37.1





#5
Bromomethane
Concen: 1.021 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.007 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

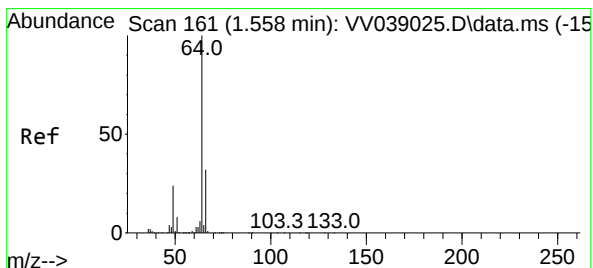
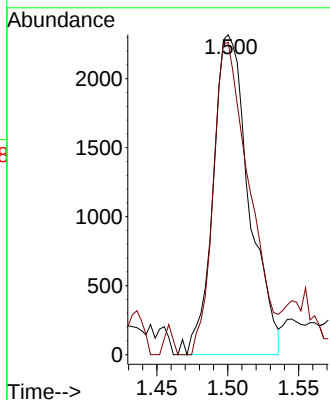
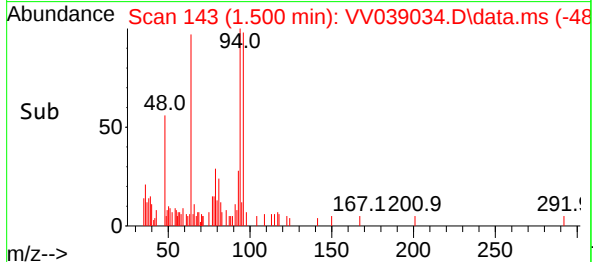
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Tgt Ion: 94 Resp: 4092
Ion Ratio Lower Upper
94 100
96 97.6 76.2 114.2

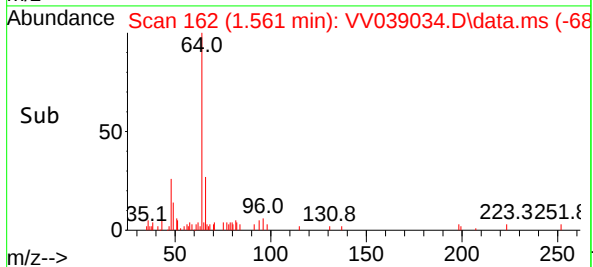
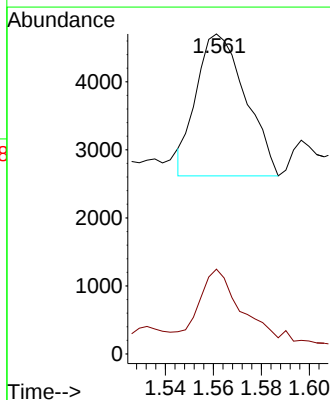
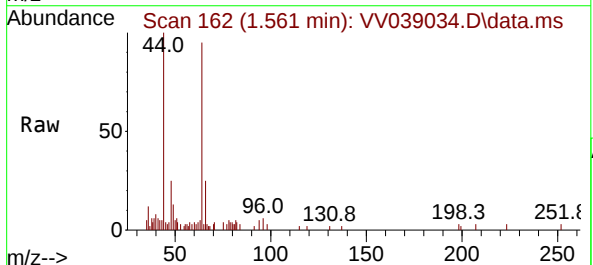
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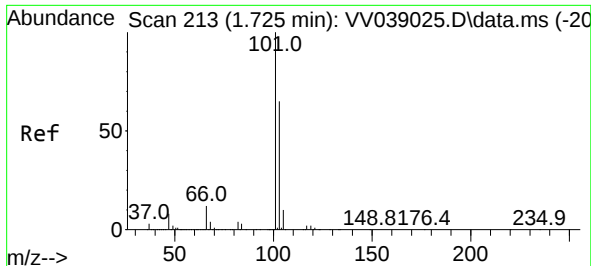
Reviewed By :Mahesh Dadoda 08/27/2025
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#6
Chloroethane
Concen: 0.614 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

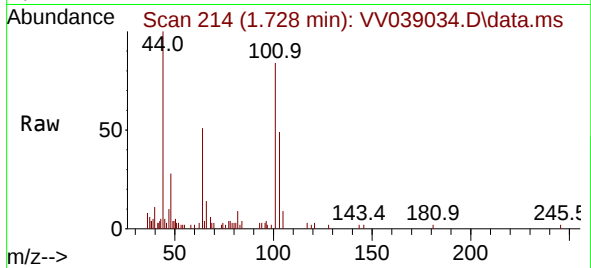
Tgt Ion: 64 Resp: 2968
Ion Ratio Lower Upper
64 100
66 48.4 25.4 38.2#





#7
 Trichlorofluoromethane
 Concen: 0.664 ug/l
 RT: 1.728 min Scan# 213
 Delta R.T. 0.003 min
 Lab File: VV039034.D
 Acq: 25 Aug 2025 15:53

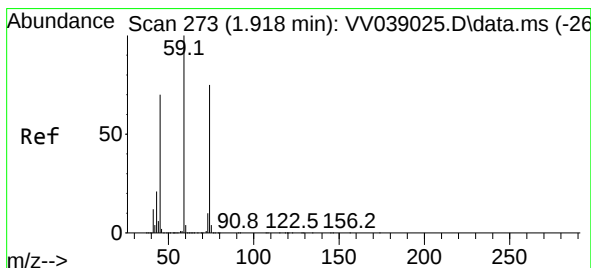
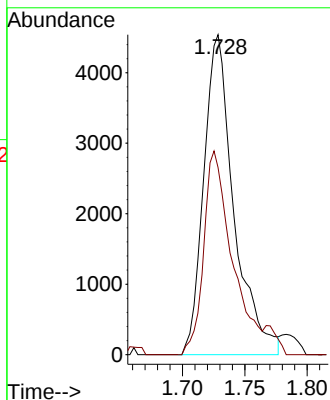
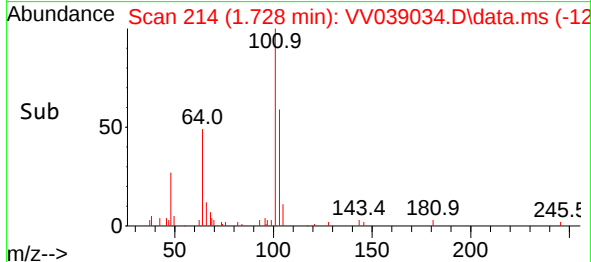
Instrument : MSVOA_V
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 LOD-MDL-WATER-01-QT3-2025



Tgt Ion:101 Resp: 762
 Ion Ratio Lower Upper
 101 100
 103 58.5 51.7 77.5

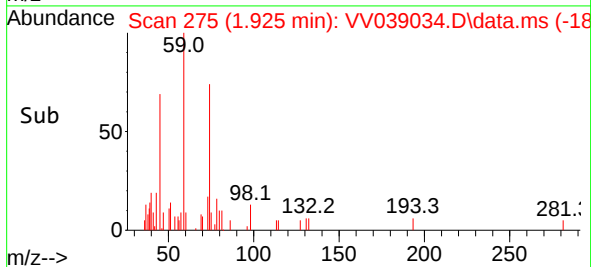
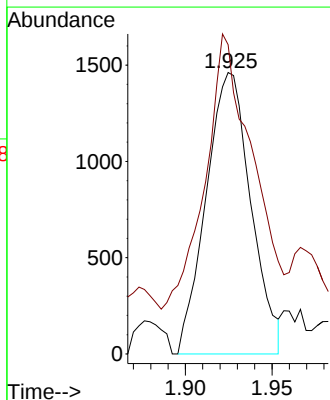
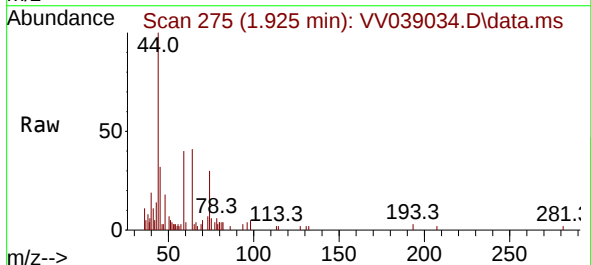
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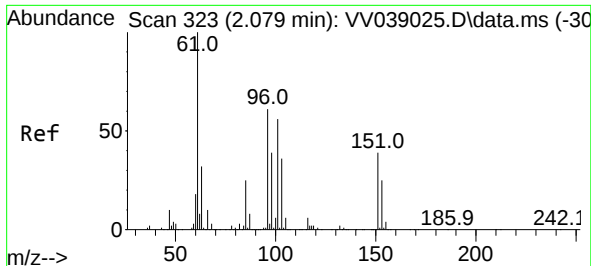
Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025



#8
 Diethyl Ether
 Concen: 0.603 ug/l
 RT: 1.925 min Scan# 275
 Delta R.T. 0.007 min
 Lab File: VV039034.D
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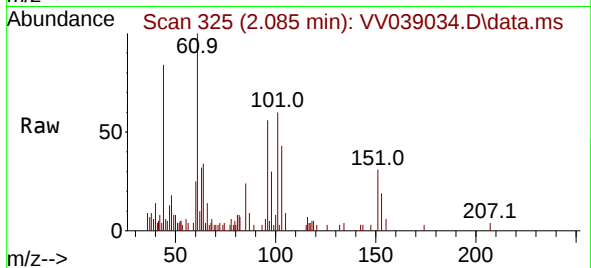
Tgt Ion: 74 Resp: 2627
 Ion Ratio Lower Upper
 74 100
 45 100.9 48.1 144.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.711 ug/l
RT: 2.085 min Scan# 31
Delta R.T. 0.007 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

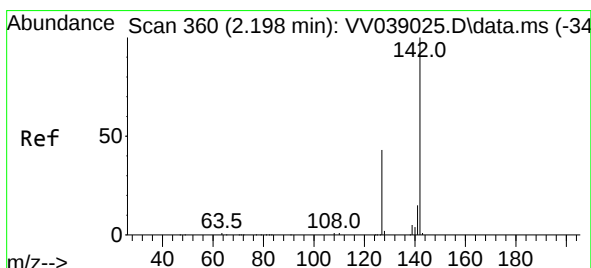
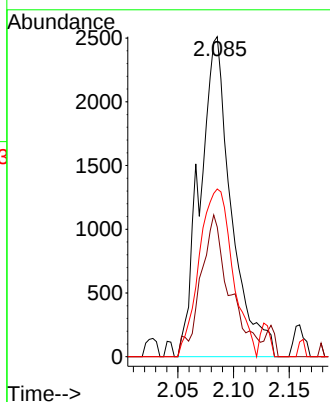
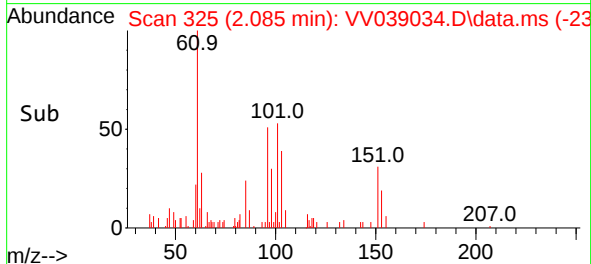
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



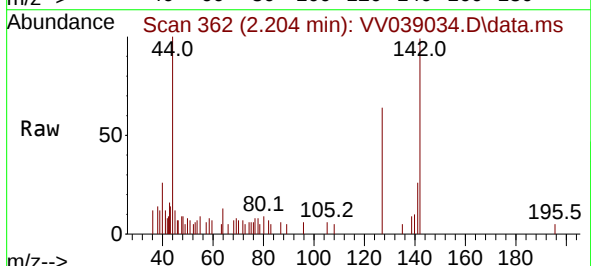
Tgt Ion:101 Resp: 491
Ion Ratio Lower Upper
101 100
85 41.3 35.5 53.3
151 55.8 56.1 84.1

Manual Integrations
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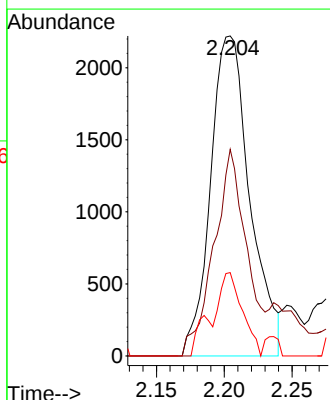
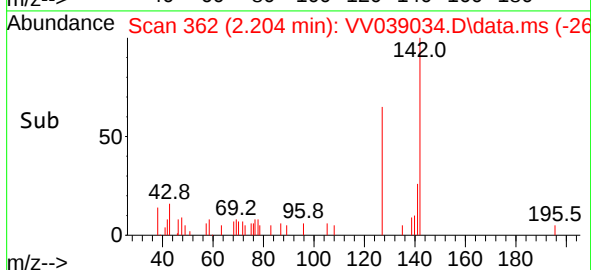
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

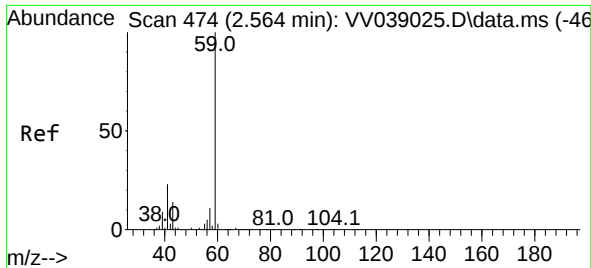


#10
Methyl Iodide
Concen: 0.884 ug/l
RT: 2.204 min Scan# 362
Delta R.T. 0.006 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53



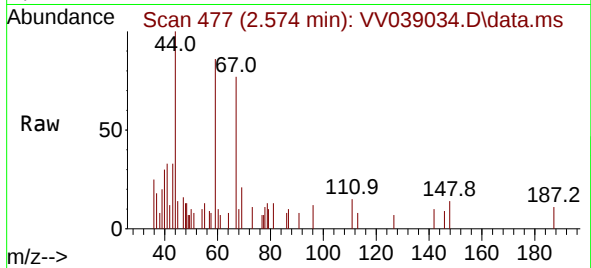
Tgt Ion:142 Resp: 4494
Ion Ratio Lower Upper
142 100
127 53.5 35.7 53.5
141 15.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 3.241 ug/l m
RT: 2.574 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

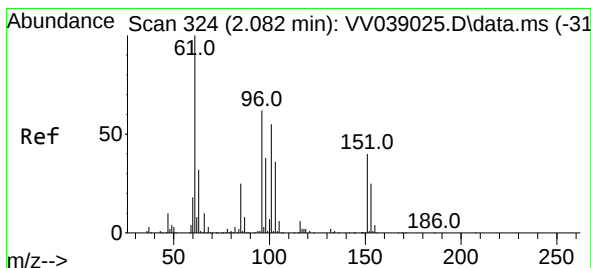
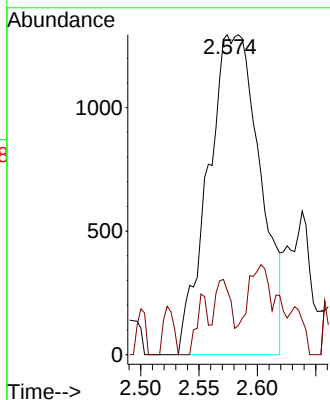
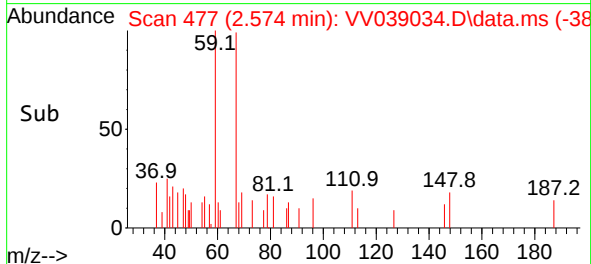
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



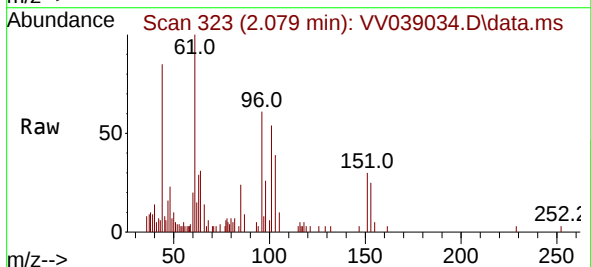
Tgt Ion: 59 Resp: 4024
Ion Ratio Lower Upper
59 100
57 3.5 8.2 12.2

Manual Integrations
APPROVED

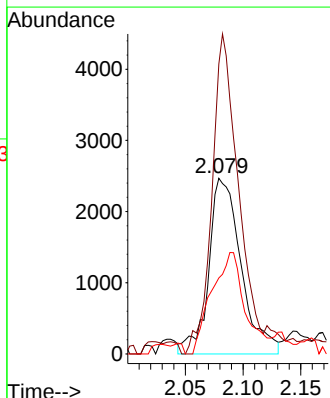
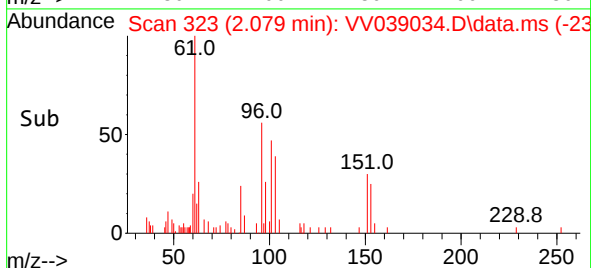
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

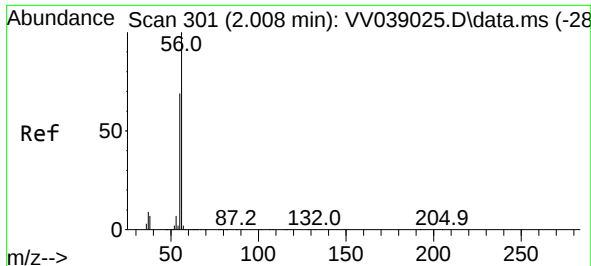


#12
1,1-Dichloroethene
Concen: 0.727 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53



Tgt Ion: 96 Resp: 4815
Ion Ratio Lower Upper
96 100
61 169.2 128.2 192.2
98 39.2 49.3 73.9





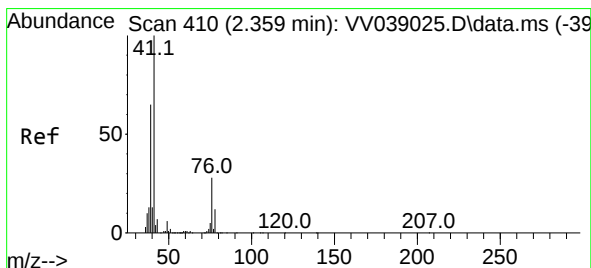
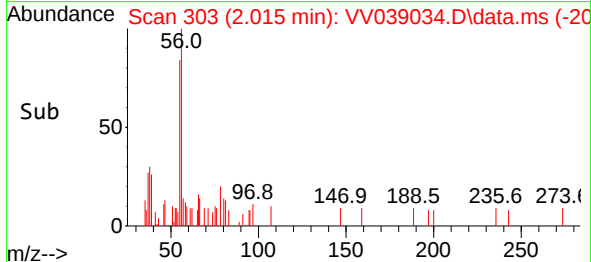
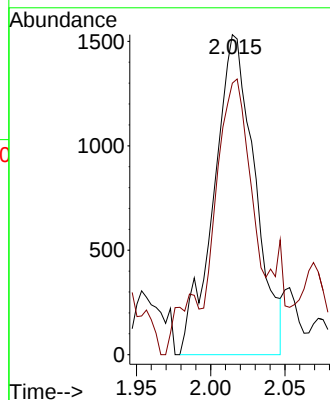
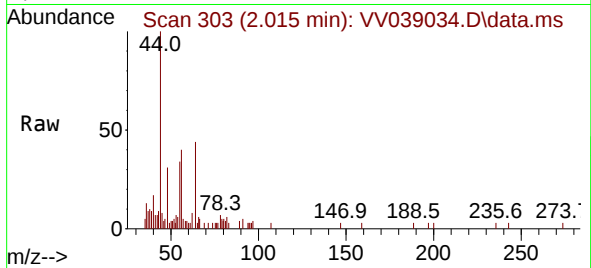
#13
Acrolein
Concen: 5.251 ug/l
RT: 2.015 min Scan# 301
Delta R.T. 0.007 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 56 Resp: 294
Ion Ratio Lower Upper
56 100
55 54.8 54.7 82.1

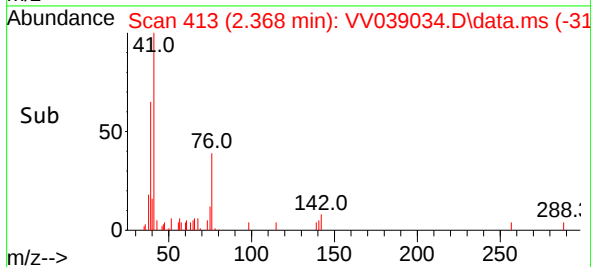
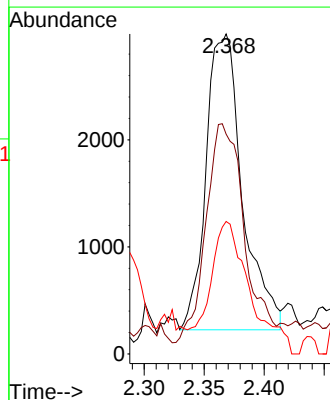
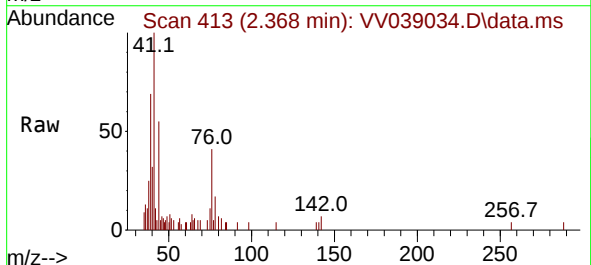
Manual Integrations
APPROVED

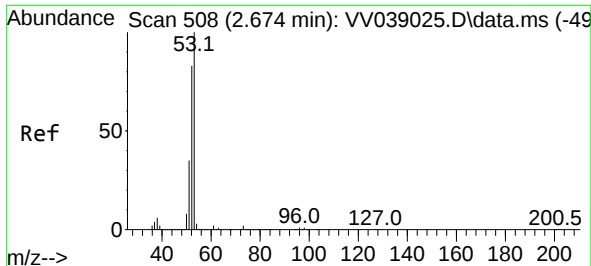
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#14
Allyl chloride
Concen: 0.558 ug/l
RT: 2.368 min Scan# 413
Delta R.T. 0.010 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

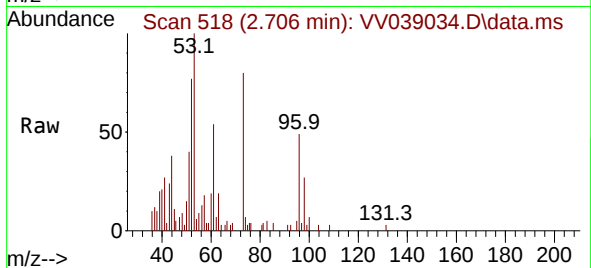
Tgt Ion: 41 Resp: 5822
Ion Ratio Lower Upper
41 100
39 77.8 48.5 72.7#
76 48.7 29.0 43.6#





#15
Acrylonitrile
Concen: 3.873 ug/l m
RT: 2.706 min Scan# 518
Delta R.T. 0.032 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

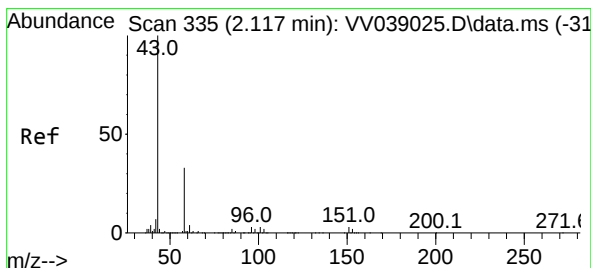
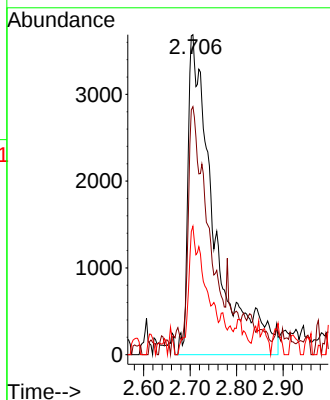
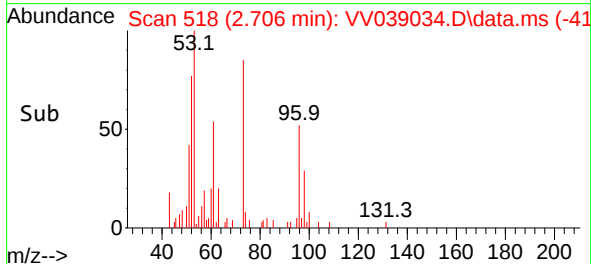
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 53 Resp: 14340
Ion Ratio Lower Upper
53 100
52 2.1 65.9 98.9
51 1.0 27.9 41.9

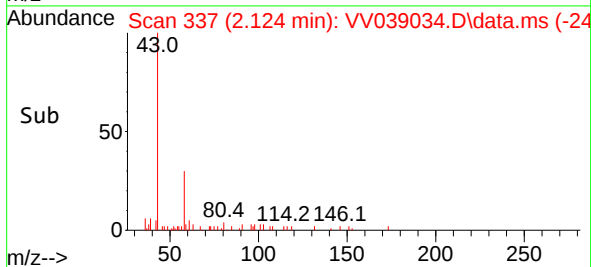
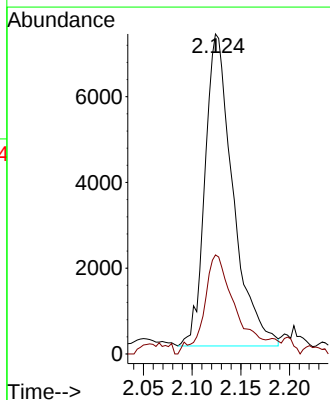
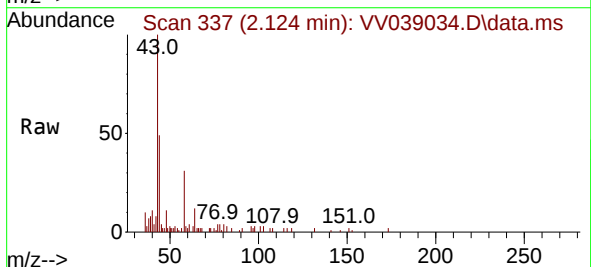
Manual Integrations
APPROVED

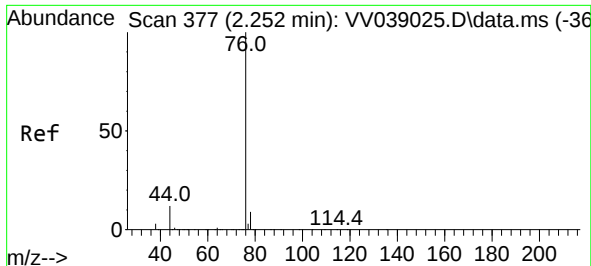
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#16
Acetone
Concen: 3.330 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Tgt Ion: 43 Resp: 14543
Ion Ratio Lower Upper
43 100
58 31.8 26.6 40.0





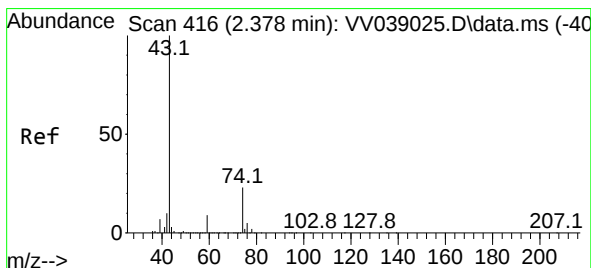
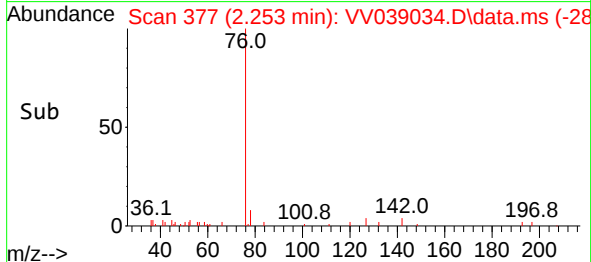
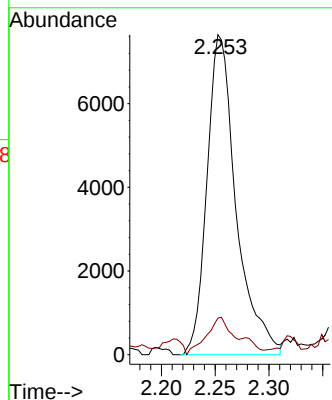
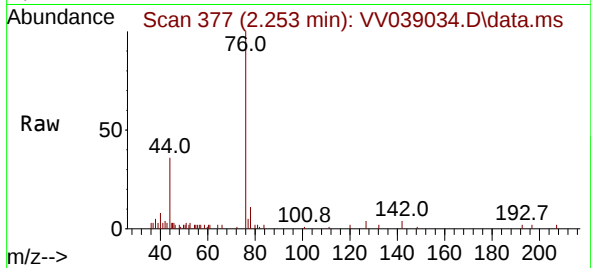
#17
Carbon Disulfide
Concen: 0.784 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 76 Resp: 1442
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

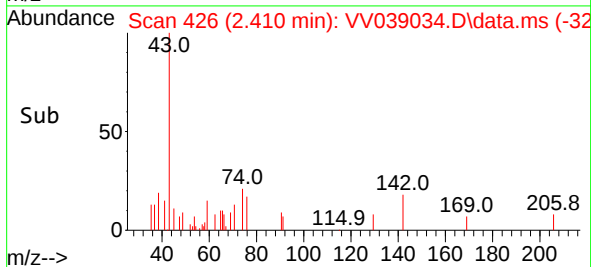
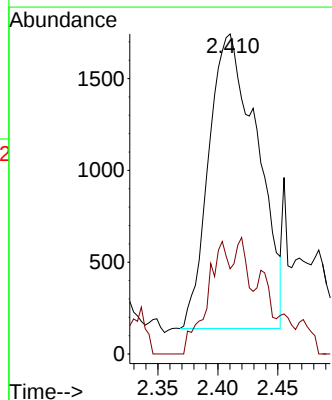
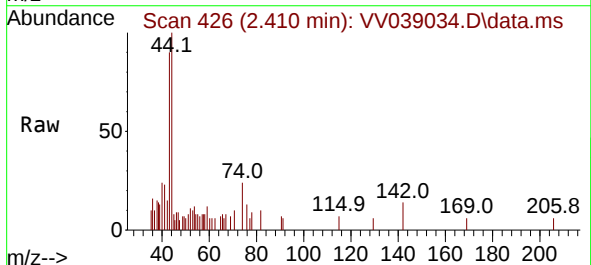
Manual Integrations
APPROVED

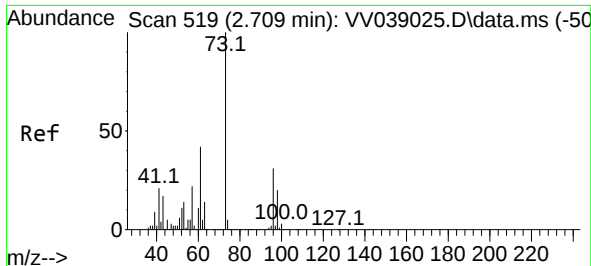
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#18
Methyl Acetate
Concen: 0.519 ug/l
RT: 2.410 min Scan# 426
Delta R.T. 0.032 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

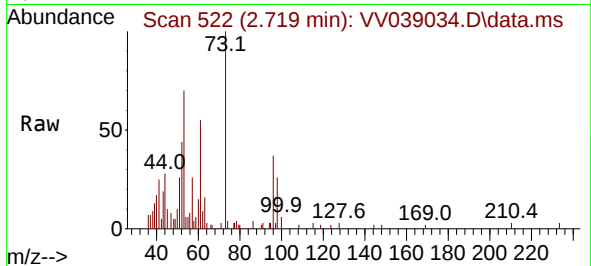
Tgt Ion: 43 Resp: 4503
Ion Ratio Lower Upper
43 100
74 17.6 18.9 28.3#





#19
Methyl tert-butyl Ether
Concen: 0.524 ug/l
RT: 2.719 min Scan# 519
Delta R.T. 0.010 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

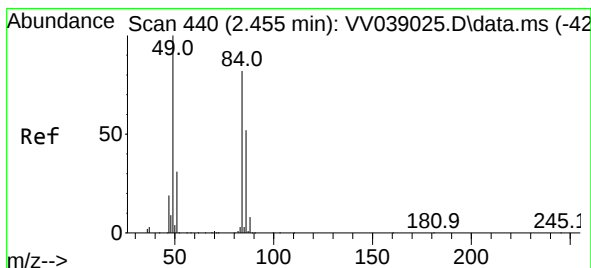
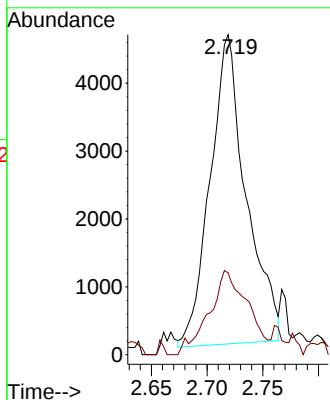
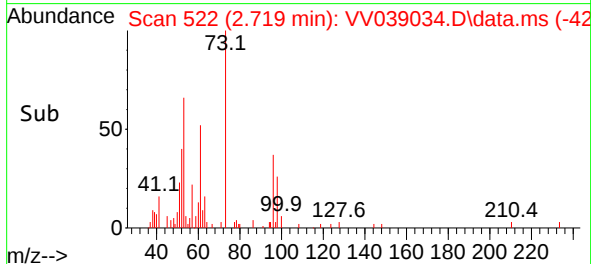
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 73 Resp: 10229
Ion Ratio Lower Upper
73 100
57 26.7 17.9 26.9

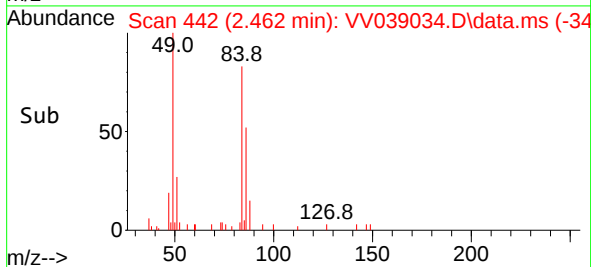
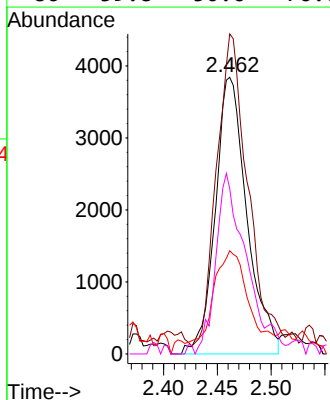
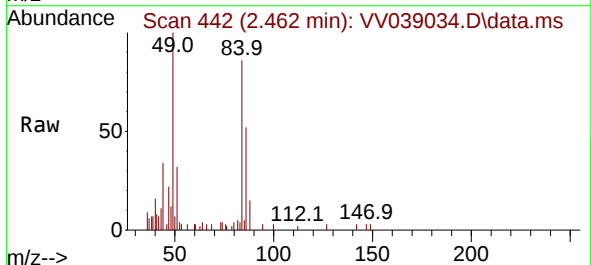
Manual Integrations
APPROVED

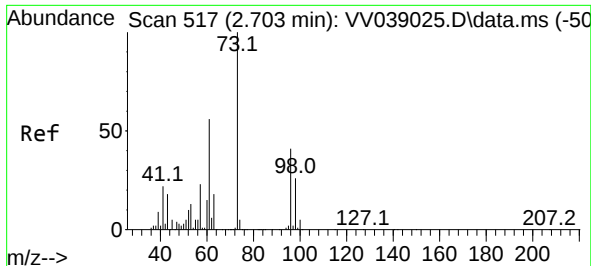
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#20
Methylene Chloride
Concen: 1.105 ug/l
RT: 2.462 min Scan# 442
Delta R.T. 0.007 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

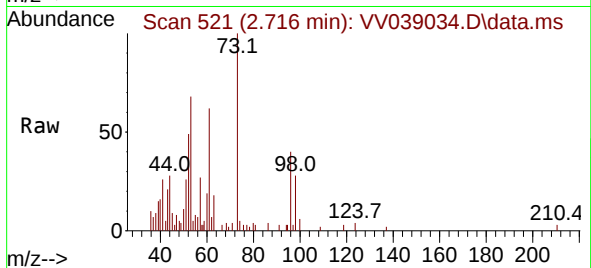
Tgt Ion: 84 Resp: 7883
Ion Ratio Lower Upper
84 100
49 108.5 97.8 146.8
51 32.2 30.3 45.5
86 59.8 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 0.660 ug/l
RT: 2.716 min Scan# 517
Delta R.T. 0.013 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

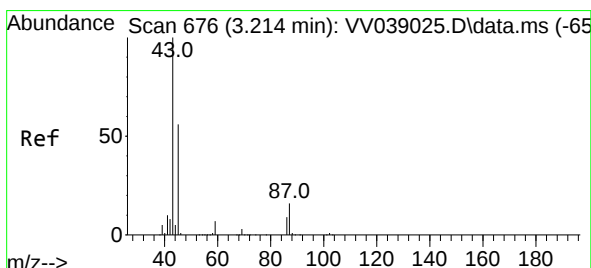
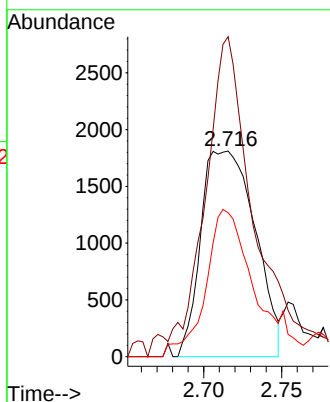
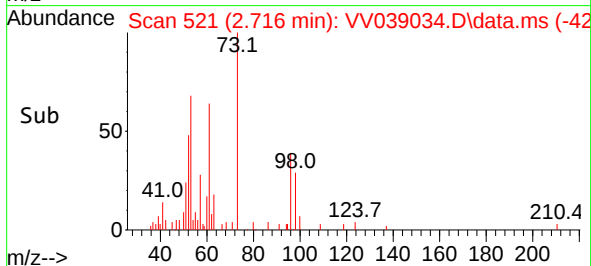
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 96 Resp: 4384
Ion Ratio Lower Upper
96 100
61 139.0 110.1 165.1
98 63.8 50.2 75.4

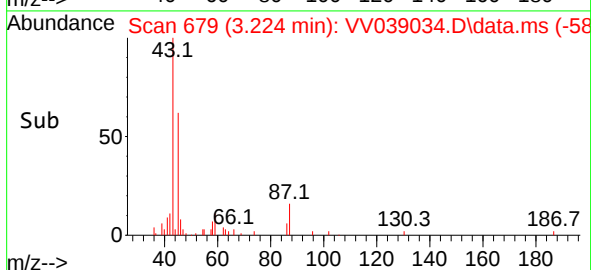
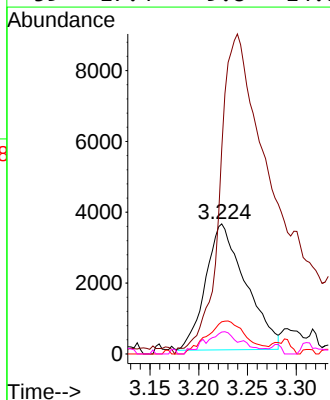
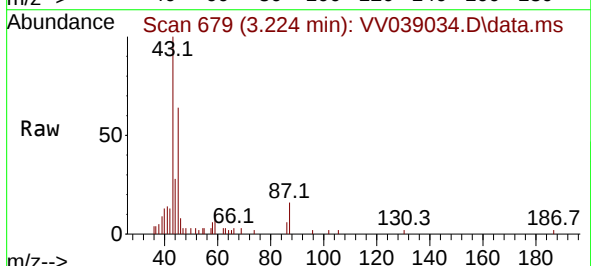
Manual Integrations
APPROVED

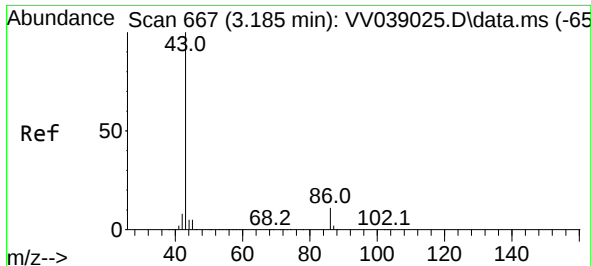
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#22
Diisopropyl ether
Concen: 0.536 ug/l
RT: 3.224 min Scan# 679
Delta R.T. 0.010 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

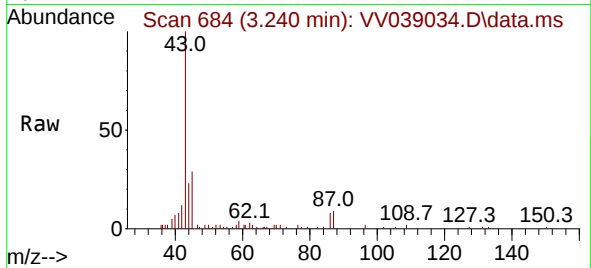
Tgt Ion: 45 Resp: 10165
Ion Ratio Lower Upper
45 100
43 158.4 143.0 214.4
87 25.7 23.8 35.6
59 17.4 9.8 14.8#





#23
 Vinyl Acetate
 Concen: 2.935 ug/l m
 RT: 3.240 min Scan# 616
 Delta R.T. 0.055 min
 Lab File: VV039034.D
 Acq: 25 Aug 2025 15:53

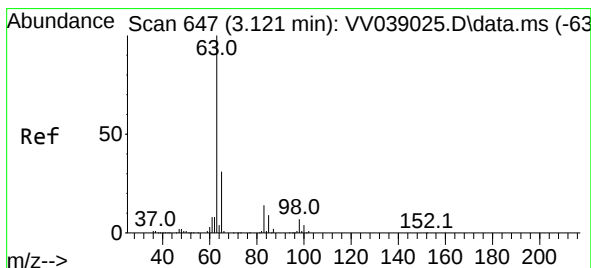
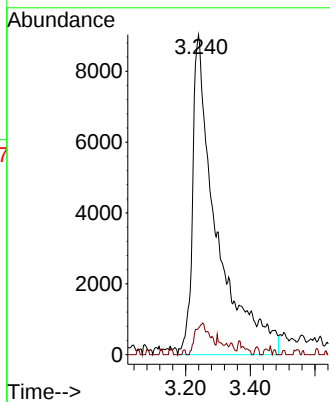
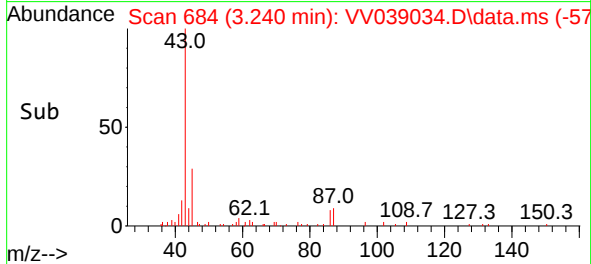
Instrument : MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025



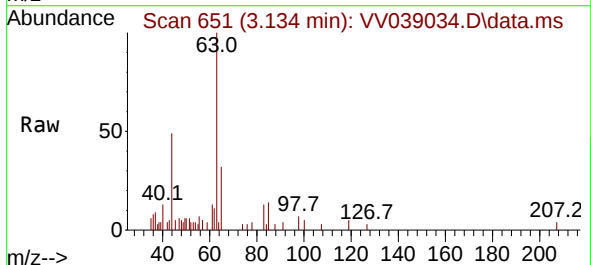
Tgt Ion: 43 Resp: 4616
 Ion Ratio Lower Upper
 43 100
 86 8.4 9.1 13.7

Manual Integrations
 APPROVED

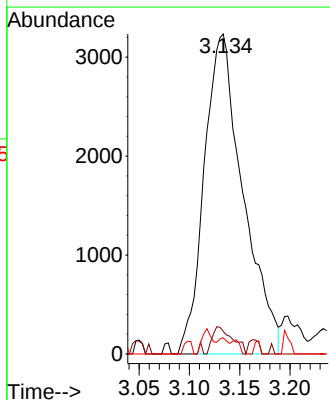
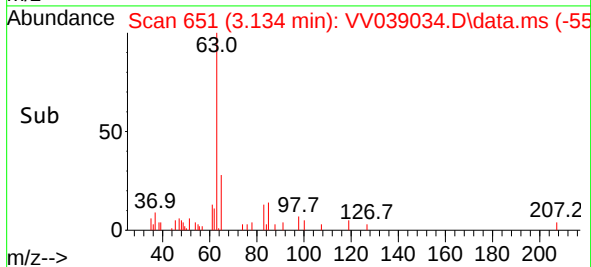
Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025

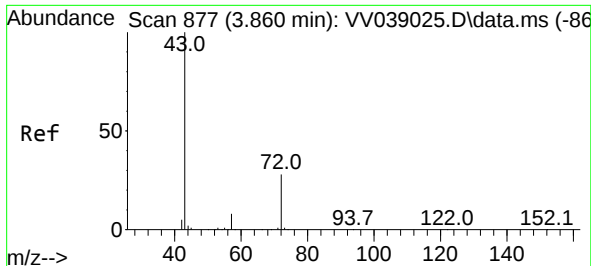


#24
 1,1-Dichloroethane
 Concen: 0.730 ug/l
 RT: 3.134 min Scan# 651
 Delta R.T. 0.013 min
 Lab File: VV039034.D
 Acq: 25 Aug 2025 15:53



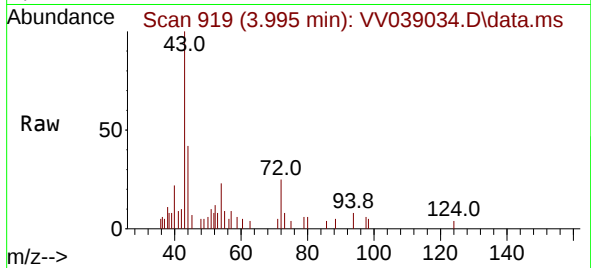
Tgt Ion: 63 Resp: 8681
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 5.0 2.2 6.6





#25
2-Butanone
Concen: 3.846 ug/l m
RT: 3.995 min Scan# 919
Delta R.T. 0.135 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

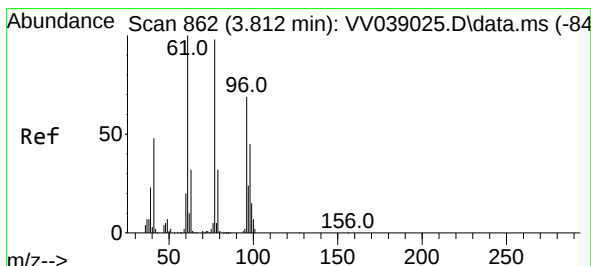
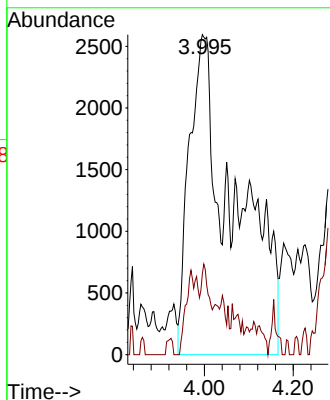
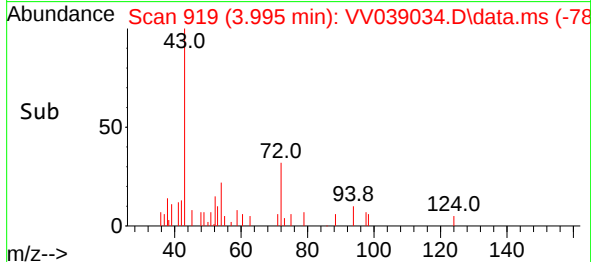
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 43 Resp: 1839
Ion Ratio Lower Upper
43 100
72 25.3 22.6 33.8

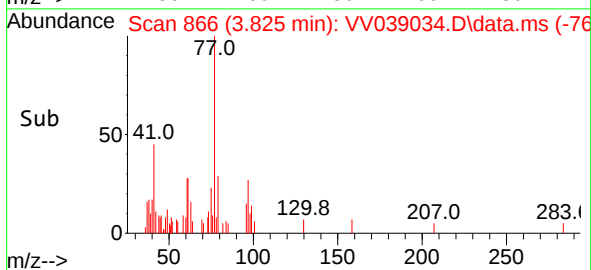
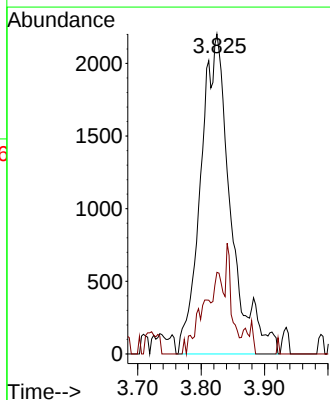
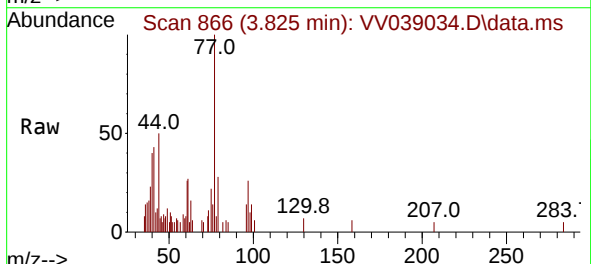
Manual Integrations
APPROVED

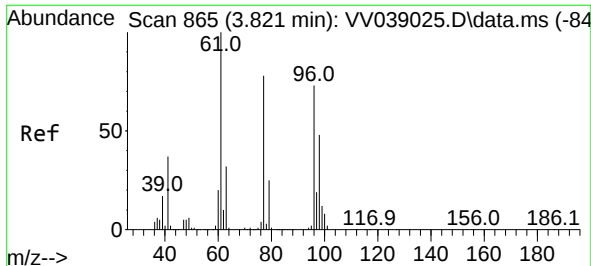
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#26
2,2-Dichloropropane
Concen: 0.707 ug/l m
RT: 3.825 min Scan# 866
Delta R.T. 0.013 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

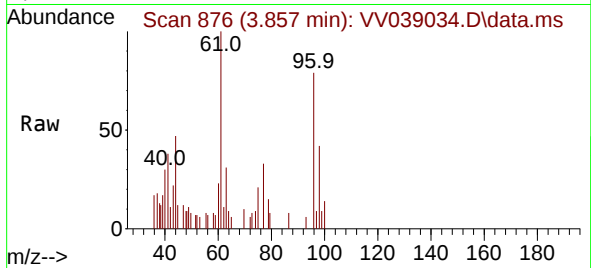
Tgt Ion: 77 Resp: 7224
Ion Ratio Lower Upper
77 100
97 8.6 11.8 35.4#





#27
 cis-1,2-Dichloroethene
 Concen: 0.580 ug/l
 RT: 3.857 min Scan# 81
 Delta R.T. 0.036 min
 Lab File: VV039034.D
 Acq: 25 Aug 2025 15:53

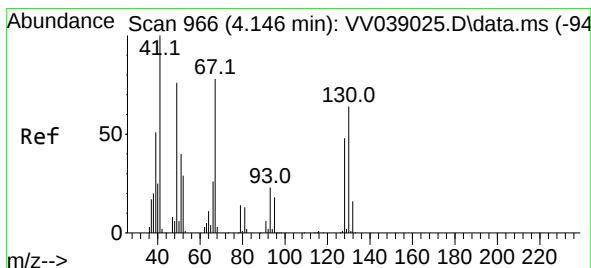
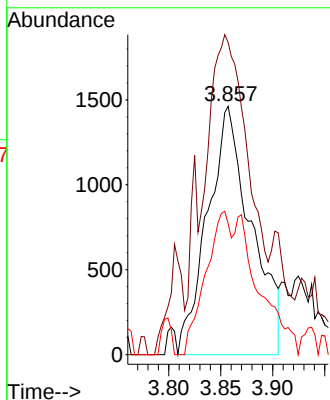
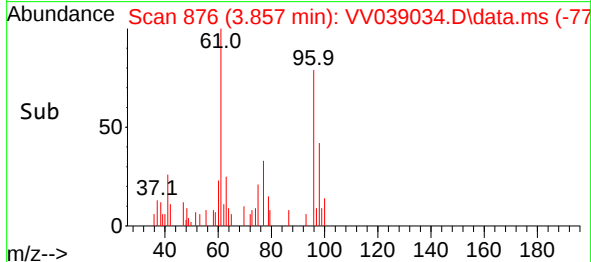
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 96 Resp: 427
 Ion Ratio Lower Upper
 96 100
 61 113.3 0.0 280.8
 98 33.2 0.0 130.2

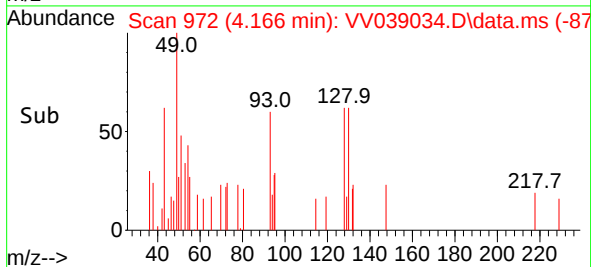
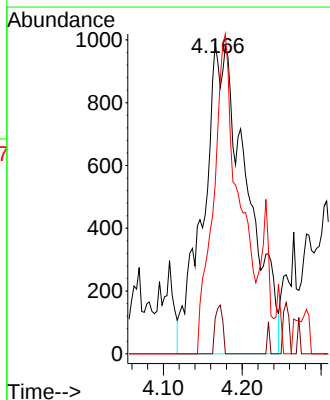
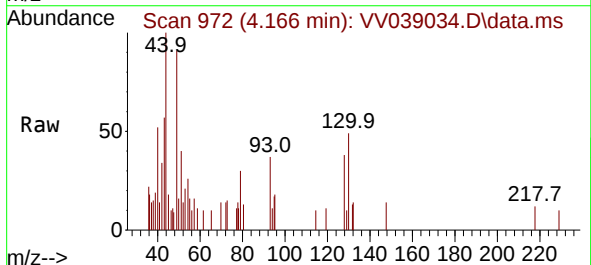
Manual Integrations
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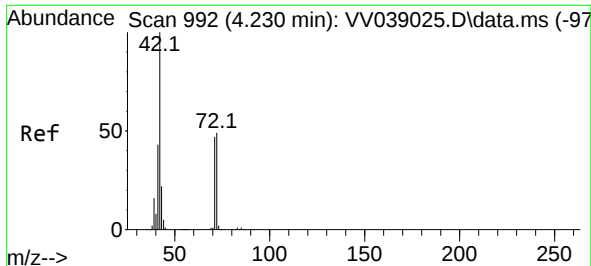
Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025



#28
 Bromochloromethane
 Concen: 1.189 ug/l m
 RT: 4.166 min Scan# 972
 Delta R.T. 0.020 min
 Lab File: VV039034.D
 Acq: 25 Aug 2025 15:53

Tgt Ion: 49 Resp: 3828
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.4
 130 59.3 64.9 97.3#





#29

Tetrahydrofuran

Concen: 3.359 ug/l m

RT: 4.288 min Scan# 1010

Delta R.T. 0.058 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

Instrument :

MSVOA_V

ClientSampleId :

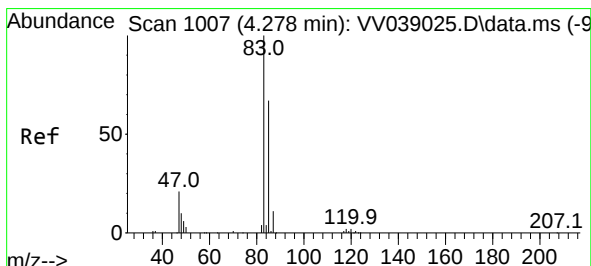
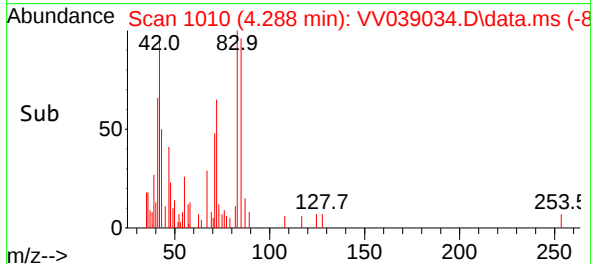
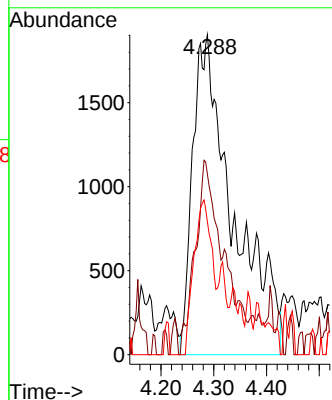
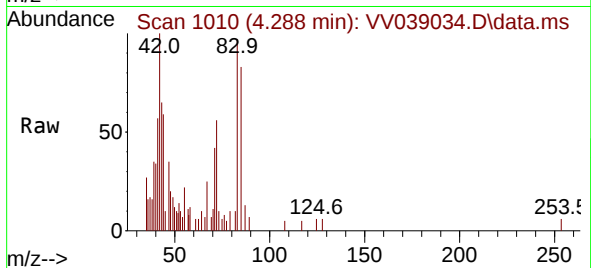
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 42	Resp: 1015
Ion Ratio	Lower Upper
42	100
72	1.3 39.0 58.4
71	1.0 37.0 55.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#30

Chloroform

Concen: 0.592 ug/l

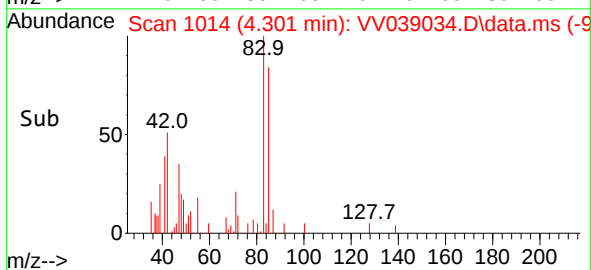
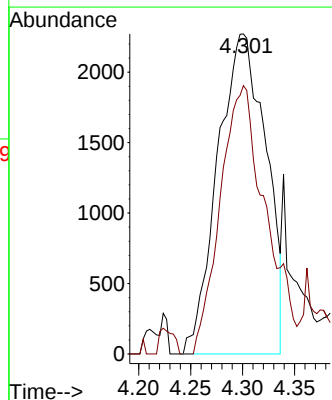
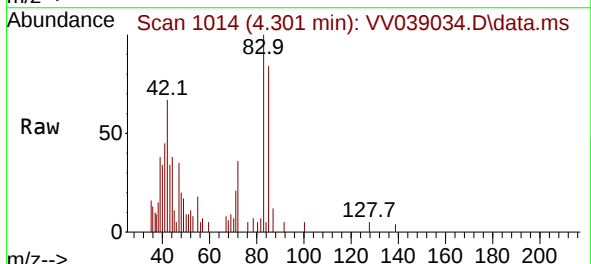
RT: 4.301 min Scan# 1014

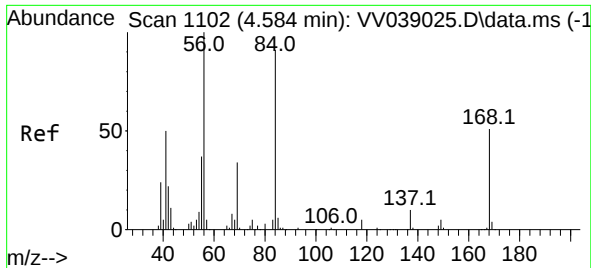
Delta R.T. 0.023 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

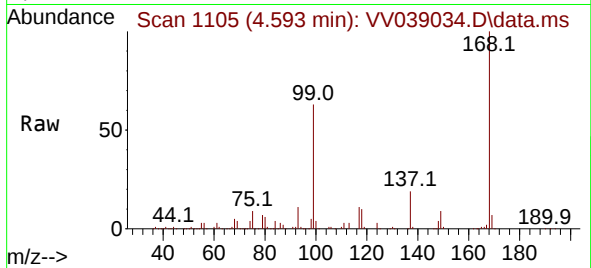
Tgt Ion: 83	Resp: 7322
Ion Ratio	Lower Upper
83	100
85	83.8 53.2 79.8





#31
Cyclohexane
Concen: 1.335 ug/l
RT: 4.593 min Scan# 1105
Delta R.T. 0.010 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

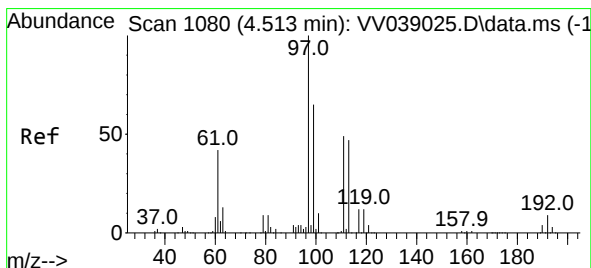
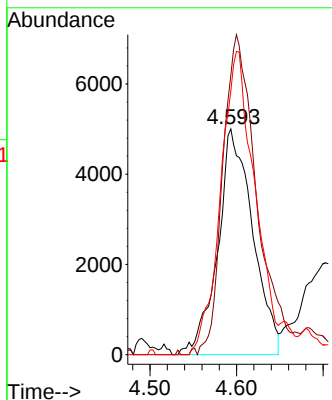
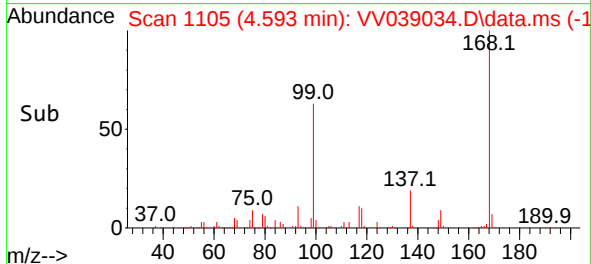
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 56 Resp: 1403
Ion Ratio Lower Upper
56 100
69 121.7 27.0 40.4#
84 116.8 72.9 109.3#

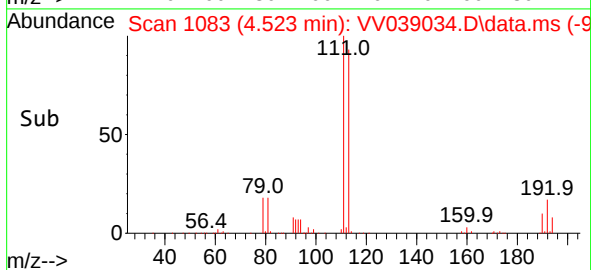
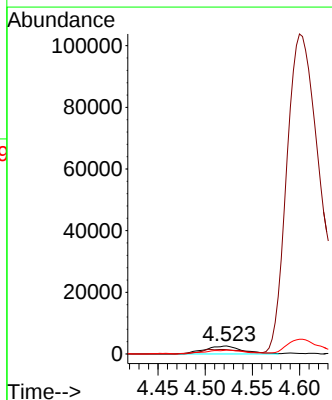
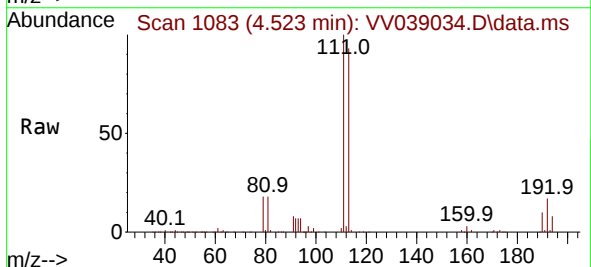
Manual Integrations
APPROVED

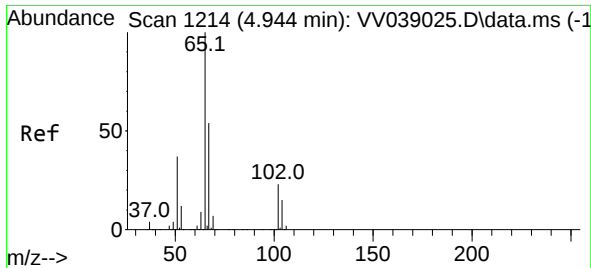
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#32
1,1,1-Trichloroethane
Concen: 0.659 ug/l
RT: 4.523 min Scan# 1083
Delta R.T. 0.010 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Tgt Ion: 97 Resp: 7169
Ion Ratio Lower Upper
97 100
99 0.0 49.8 74.6#
61 51.5 33.3 49.9#





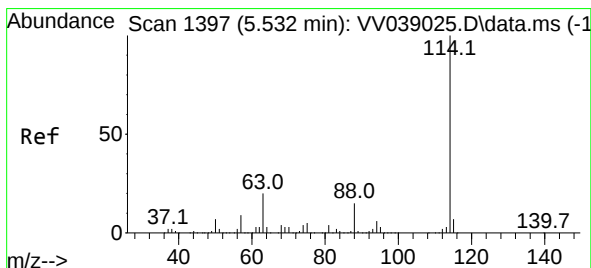
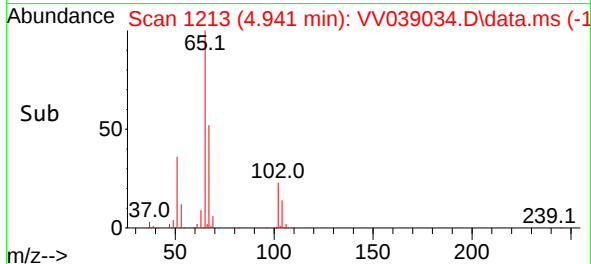
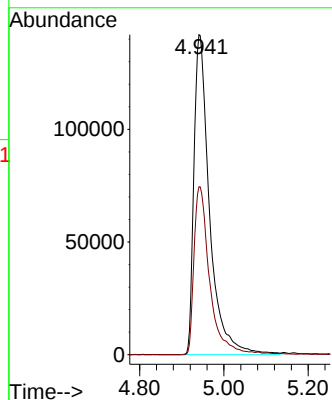
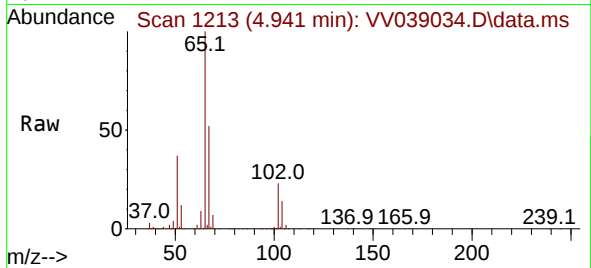
#33
1,2-Dichloroethane-d4
Concen: 52.815 ug/l
RT: 4.941 min Scan# 1214
Delta R.T. -0.003 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 65 Resp: 365249
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.2

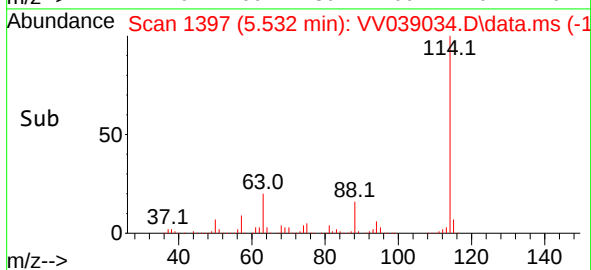
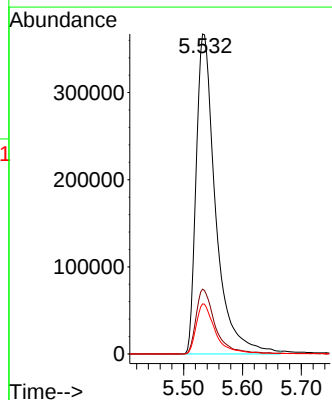
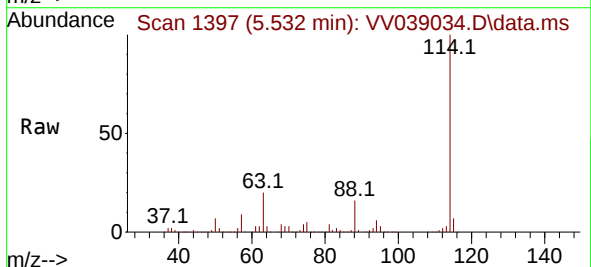
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APPROVED

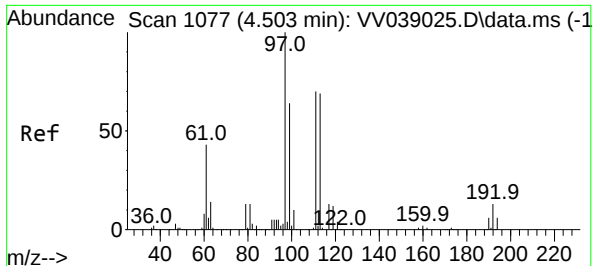
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

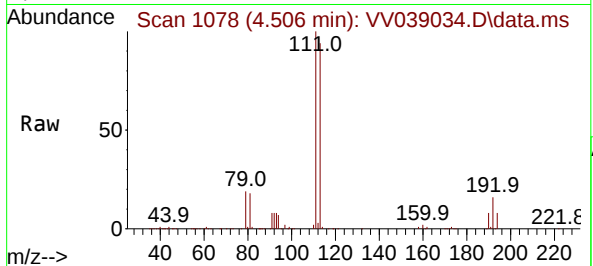
Tgt Ion:114 Resp: 844888
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.4
88 15.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.671 ug/l
RT: 4.506 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

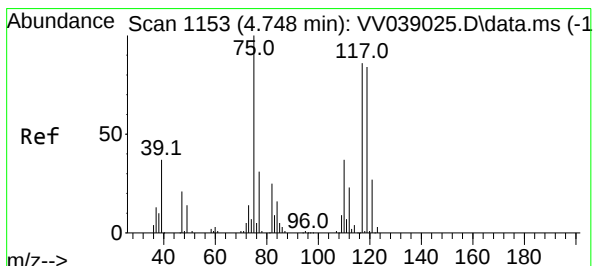
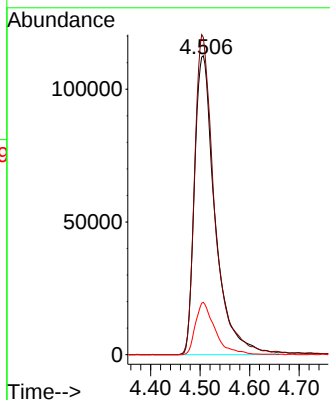
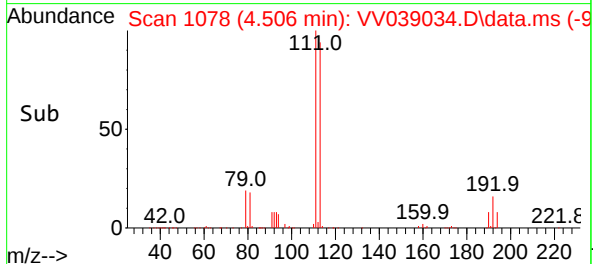
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 113 Resp: 326560
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 16.7 14.2 21.2

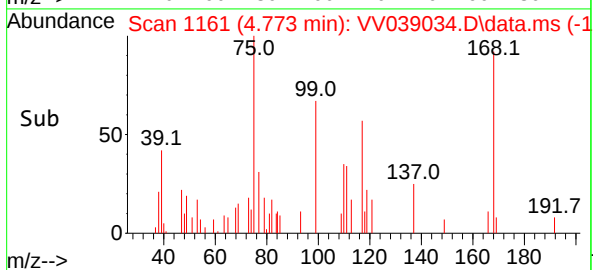
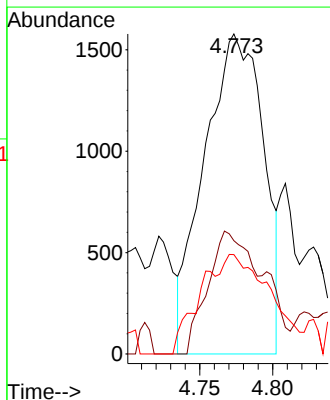
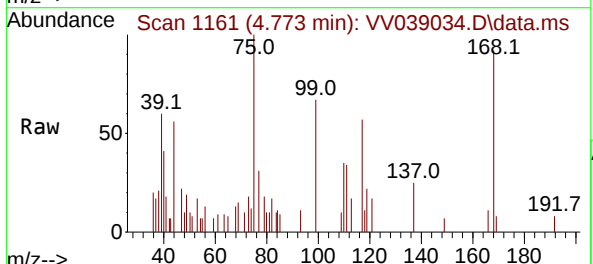
Manual Integrations
APPROVED

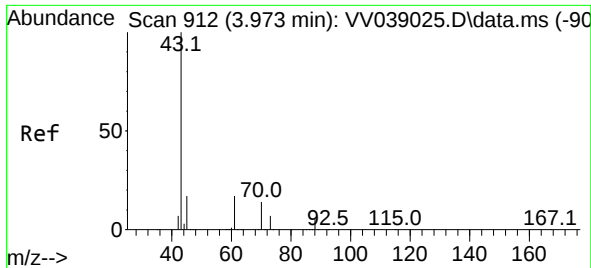
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#36
1,1-Dichloropropene
Concen: 0.544 ug/l m
RT: 4.773 min Scan# 1161
Delta R.T. 0.026 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Tgt Ion: 75 Resp: 4451
Ion Ratio Lower Upper
75 100
110 36.2 18.6 55.8
77 16.4 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.675 ug/l m

RT: 3.995 min Scan# 912

Delta R.T. 0.023 min

Lab File: VV039034.D

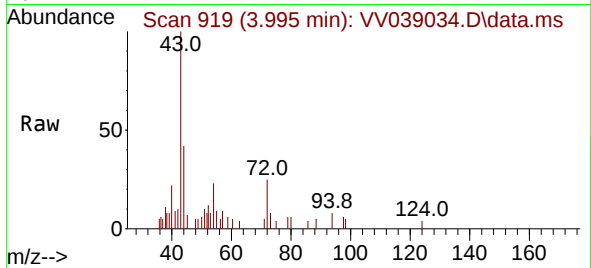
Acq: 25 Aug 2025 15:53

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

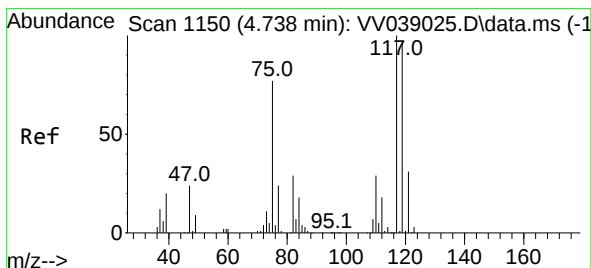
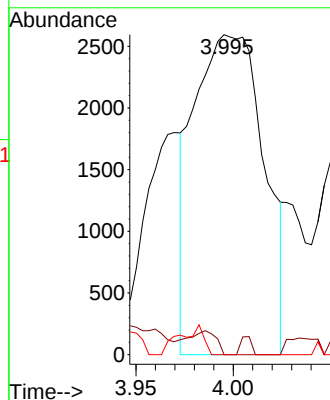
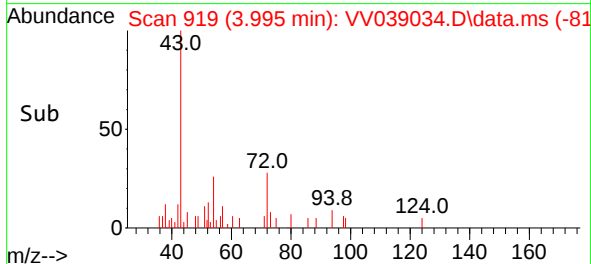


Tgt Ion: 43	Resp: 6480
Ion Ratio	Lower Upper
43	100
61	2.8 10.6 16.0
70	3.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#38

Carbon Tetrachloride

Concen: 0.563 ug/l

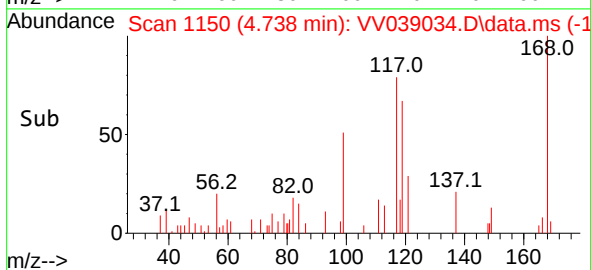
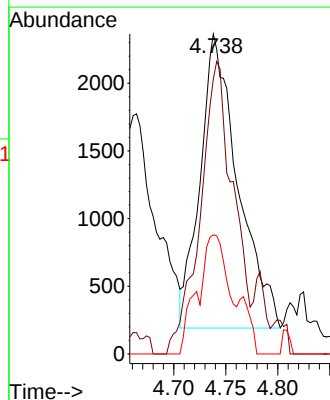
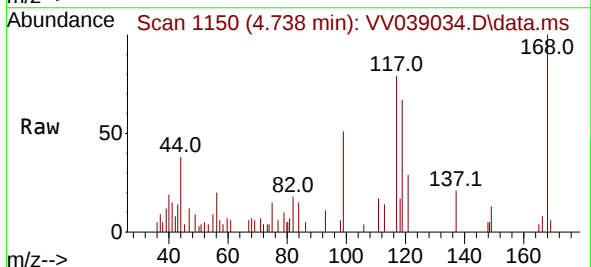
RT: 4.738 min Scan# 1150

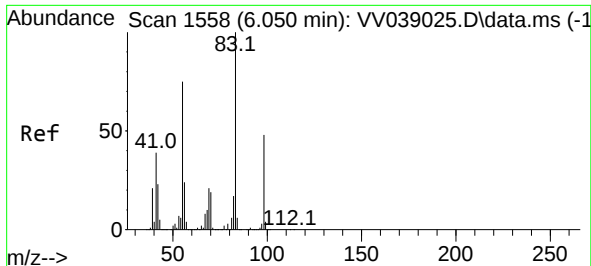
Delta R.T. 0.000 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

Tgt Ion:117	Resp: 5512
Ion Ratio	Lower Upper
117	100
119	82.8 77.8 116.6
121	40.5 24.9 37.3





#39

Methylcyclohexane

Concen: 0.557 ug/l

RT: 6.056 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

Instrument :

MSVOA_V

ClientSampleId :

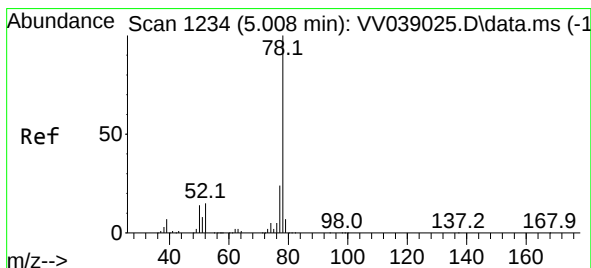
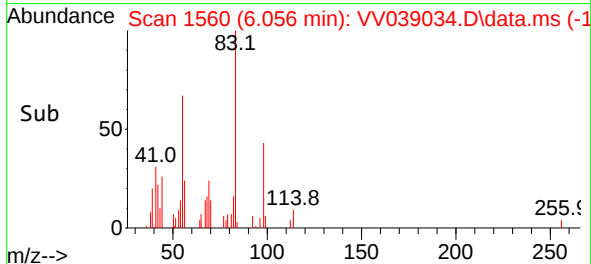
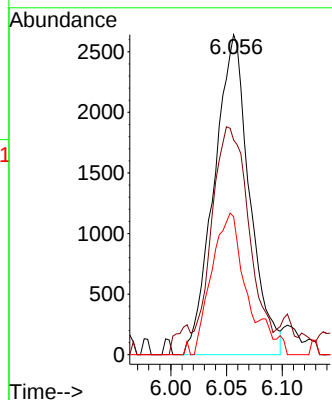
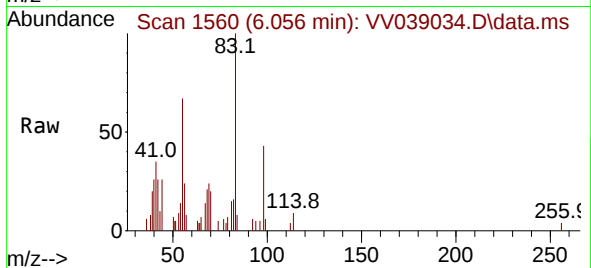
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	83	Resp:	584
Ion	Ratio	Lower	Upper
83	100		
55	60.4	59.8	89.6
98	43.1	38.2	57.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#40

Benzene

Concen: 0.585 ug/l

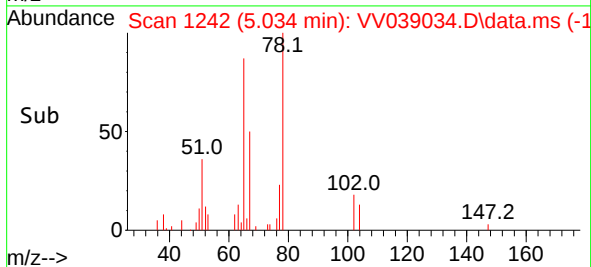
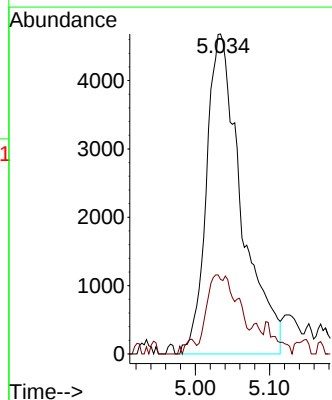
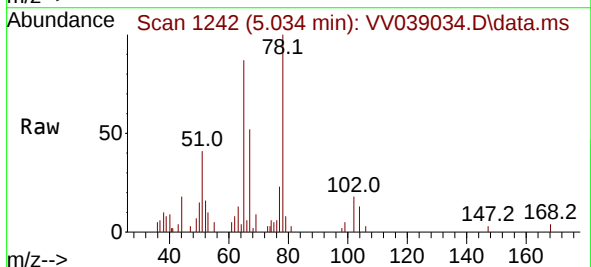
RT: 5.034 min Scan# 1242

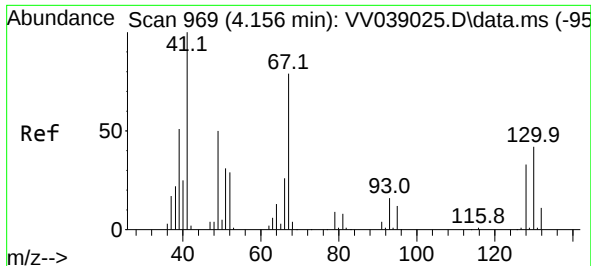
Delta R.T. 0.026 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

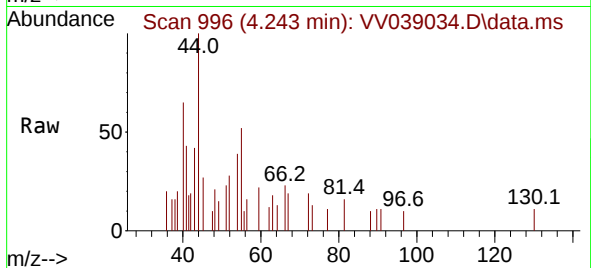
Tgt Ion:	78	Resp:	15299
Ion	Ratio	Lower	Upper
78	100		
77	20.9	19.1	28.7





#41
Methacrylonitrile
Concen: 0.274 ug/l m
RT: 4.243 min Scan# 91
Delta R.T. 0.087 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

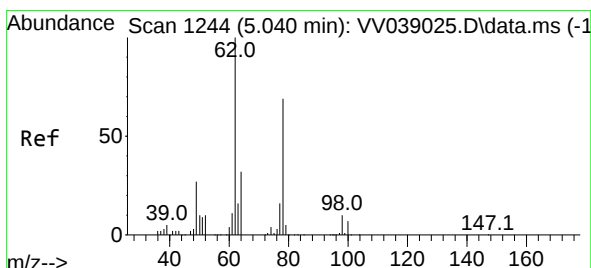
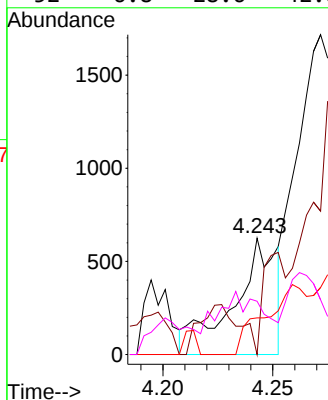
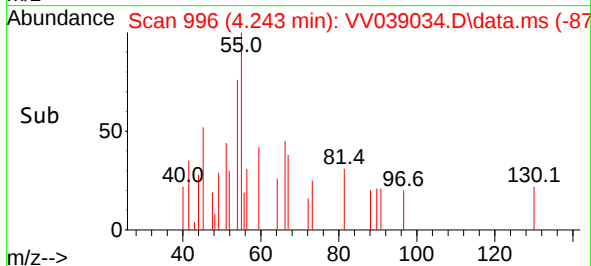
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 41 Resp: 844
Ion Ratio Lower Upper
41 100
39 13.7 42.7 64.1
67 19.8 74.5 111.7
52 6.8 28.6 42.8

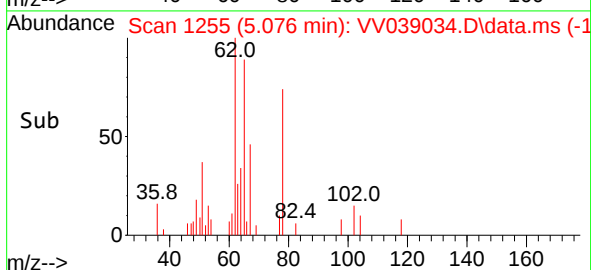
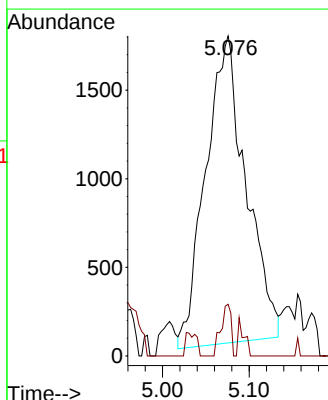
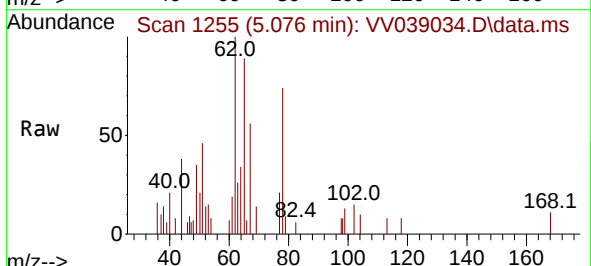
Manual Integrations
APPROVED

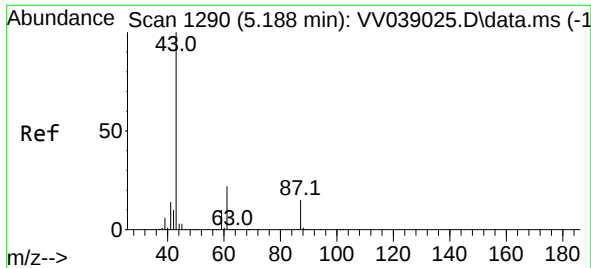
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#42
1,2-Dichloroethane
Concen: 0.615 ug/l
RT: 5.076 min Scan# 1255
Delta R.T. 0.035 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

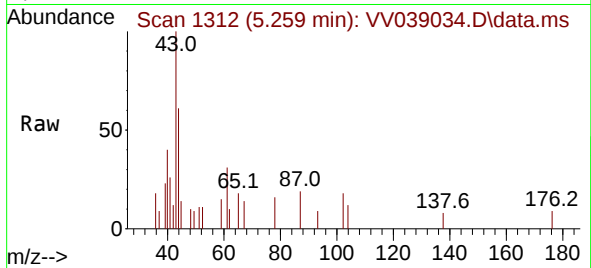
Tgt Ion: 62 Resp: 5602
Ion Ratio Lower Upper
62 100
98 4.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 0.389 ug/l m
RT: 5.259 min Scan# 1312
Delta R.T. 0.071 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

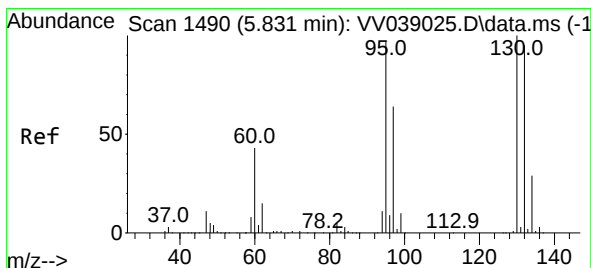
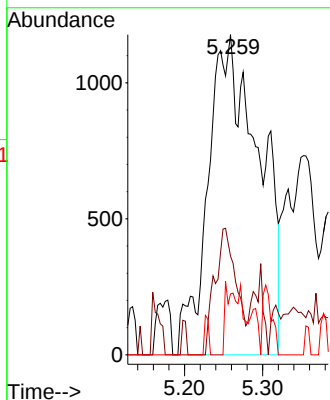
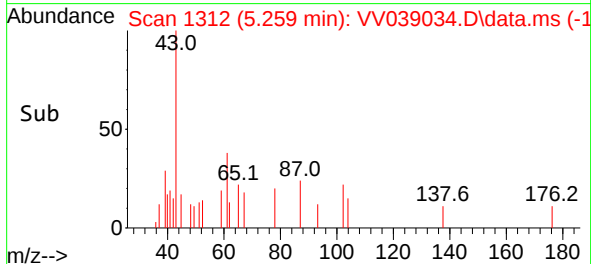
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



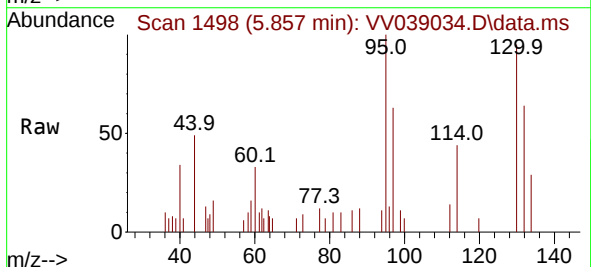
Tgt Ion: 43 Resp: 531
Ion Ratio Lower Upper
43 100
61 0.0 16.6 25.0
87 0.0 11.7 17.5

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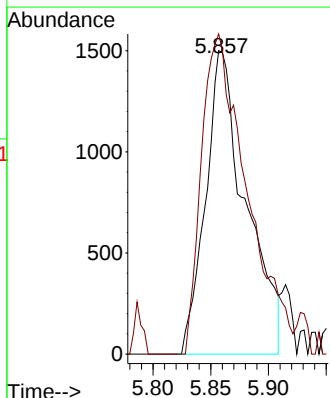
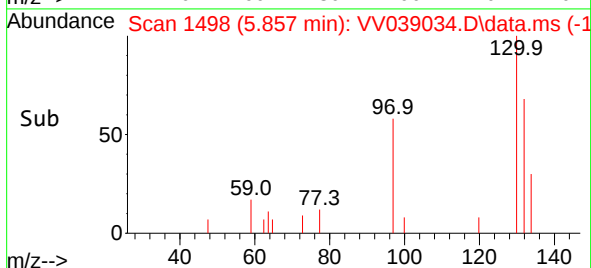
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

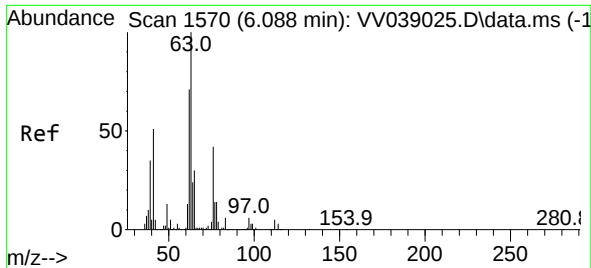


#44
Trichloroethene
Concen: 0.553 ug/l
RT: 5.857 min Scan# 1498
Delta R.T. 0.026 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53



Tgt Ion:130 Resp: 3626
Ion Ratio Lower Upper
130 100
95 105.5 0.0 194.4





#45

1,2-Dichloropropane

Concen: 0.499 ug/l

RT: 6.114 min Scan# 1570

Delta R.T. 0.026 min

Lab File: VV039034.D

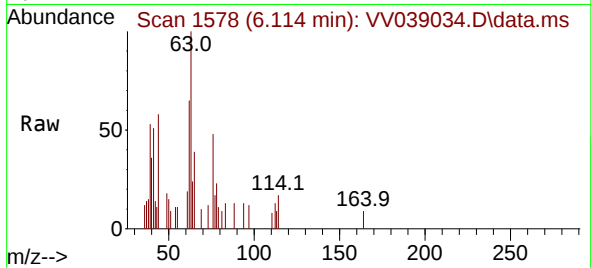
Acq: 25 Aug 2025 15:53

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 63 Resp: 3312

Ion Ratio Lower Upper

63 100

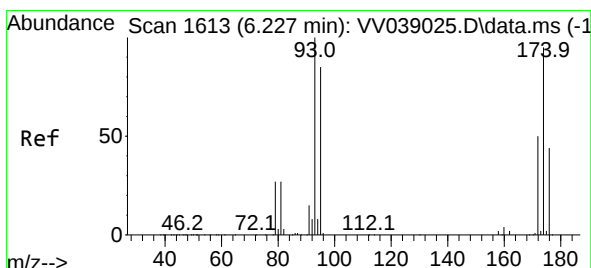
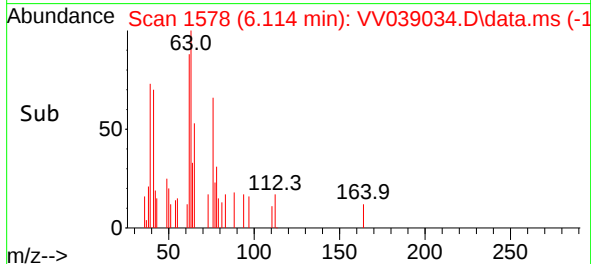
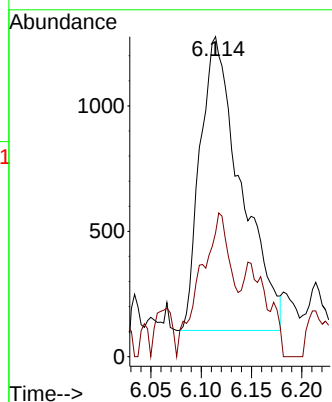
65 33.1 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025

Supervised By :Semsettin Yesilyurt 08/27/2025



#46

Dibromomethane

Concen: 0.645 ug/l

RT: 6.252 min Scan# 1621

Delta R.T. 0.026 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

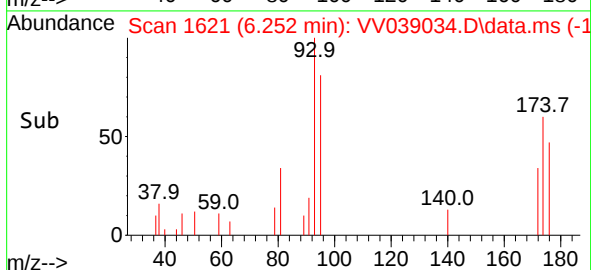
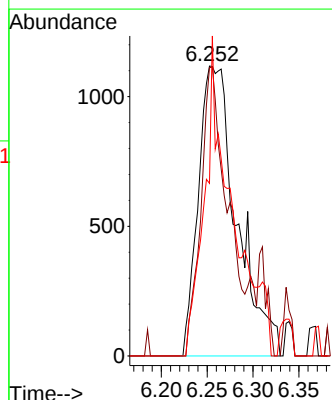
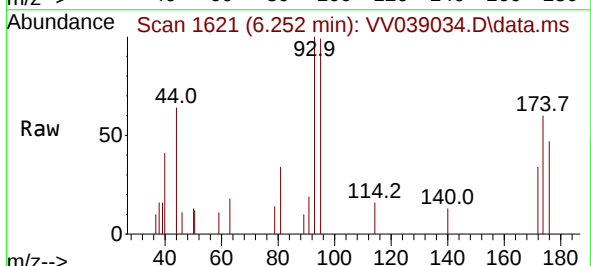
Tgt Ion: 93 Resp: 3251

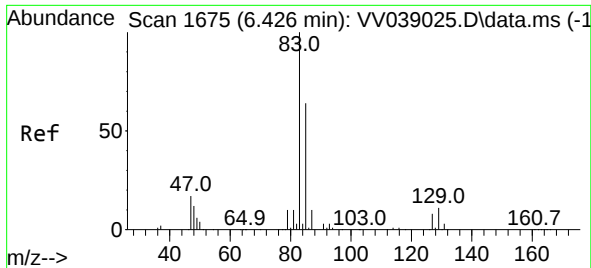
Ion Ratio Lower Upper

93 100

95 68.7 66.1 99.1

174 73.1 73.5 110.3





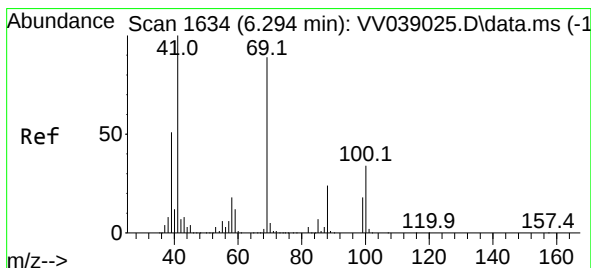
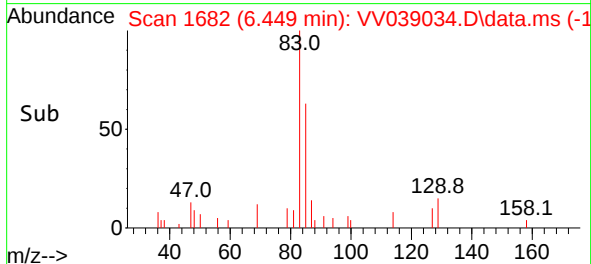
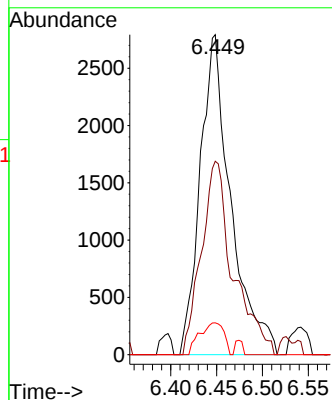
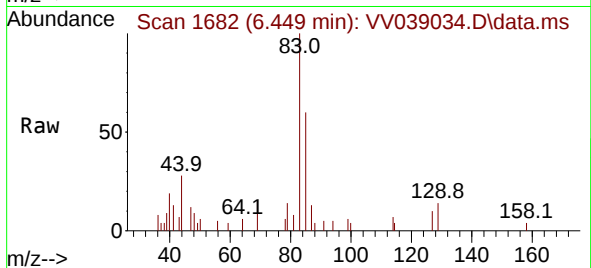
#47
Bromodichloromethane
Concen: 0.625 ug/l
RT: 6.449 min Scan# 1682
Delta R.T. 0.023 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 83 Resp: 6489
Ion Ratio Lower Upper
83 100
85 60.5 51.0 76.4
127 10.0 6.7 10.1

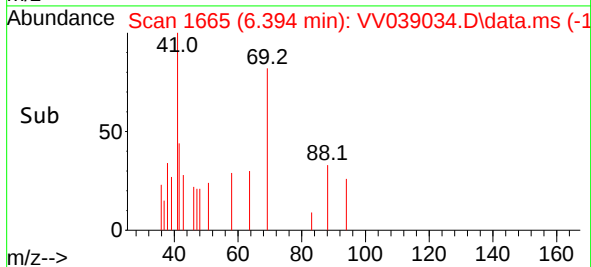
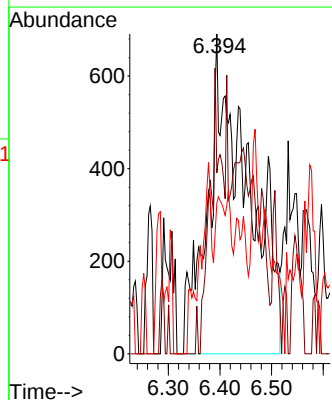
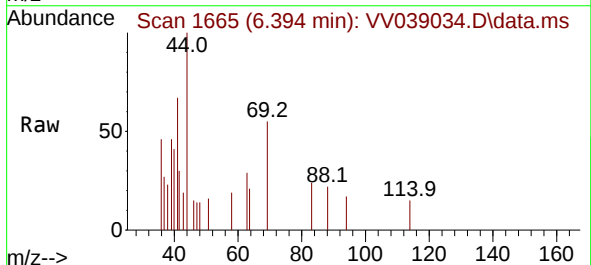
Manual Integrations
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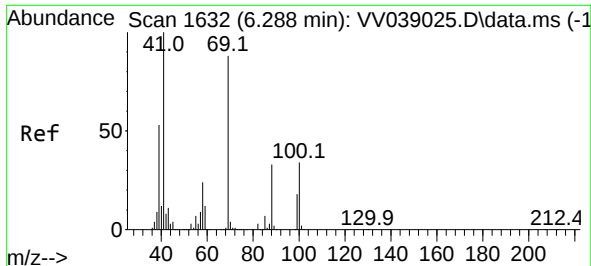
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#48
Methyl methacrylate
Concen: 0.552 ug/l m
RT: 6.394 min Scan# 1665
Delta R.T. 0.100 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Tgt Ion: 41 Resp: 3683
Ion Ratio Lower Upper
41 100
69 2.1 73.5 110.3#
39 6.6 41.3 61.9#





#49

1,4-Dioxane

Concen: 12.484 ug/l m

RT: 6.346 min Scan# 1

Delta R.T. 0.058 min

Lab File: VV039034.D

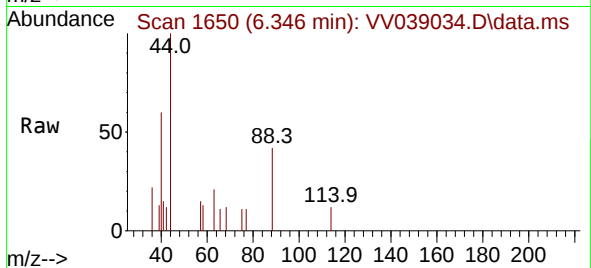
Acq: 25 Aug 2025 15:53

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



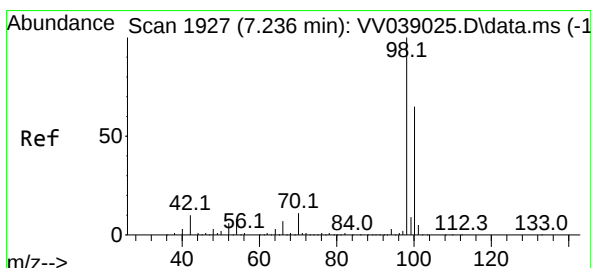
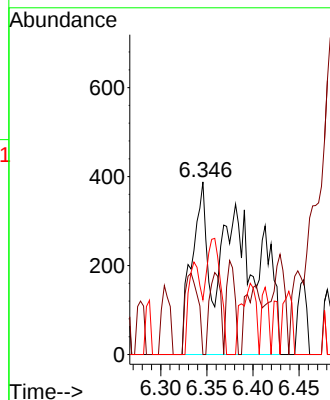
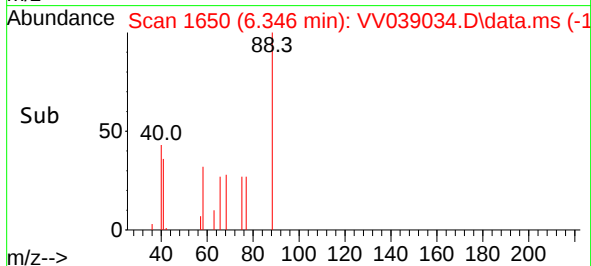
Tgt Ion:	88	Resp:	140
Ion Ratio	Lower	Upper	
88	100		
43	7.2	25.4	38.2
58	0.0	58.4	87.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/27/2025

Supervised By :Semsettin Yesilyurt 08/27/2025



#50

Toluene-d8

Concen: 46.763 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV039034.D

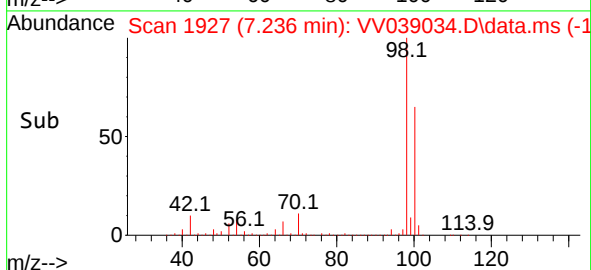
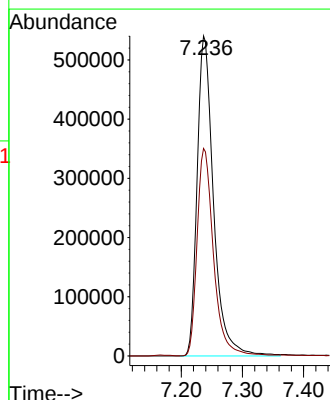
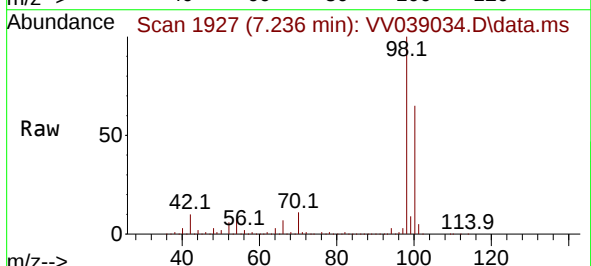
Acq: 25 Aug 2025 15:53

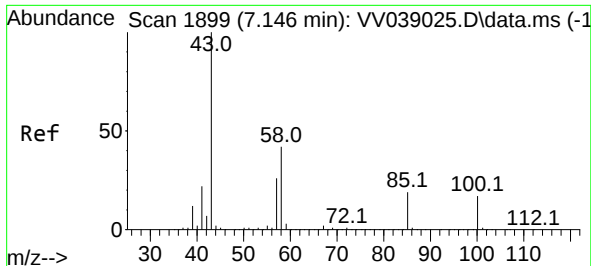
Tgt Ion: 98 Resp: 1007446

Ion Ratio Lower Upper

98 100

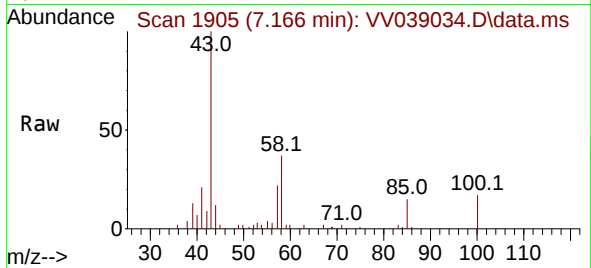
100 64.7 52.6 79.0





#51
4-Methyl-2-Pentanone
Concen: 2.664 ug/l m
RT: 7.166 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

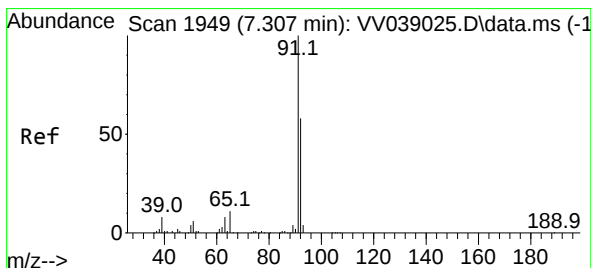
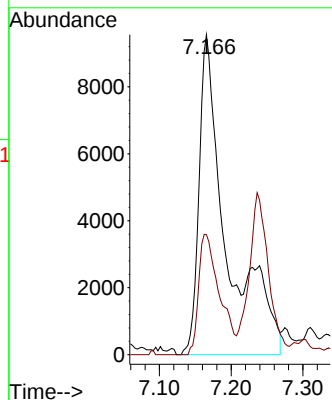
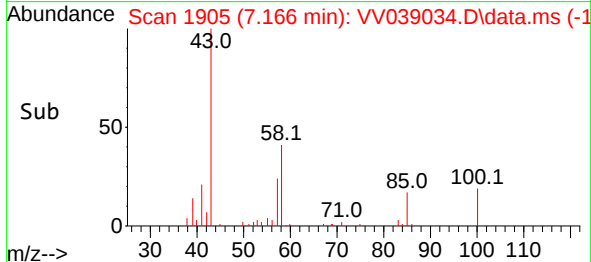
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 43 Resp: 2558
Ion Ratio Lower Upper
43 100
58 28.5 33.2 49.8

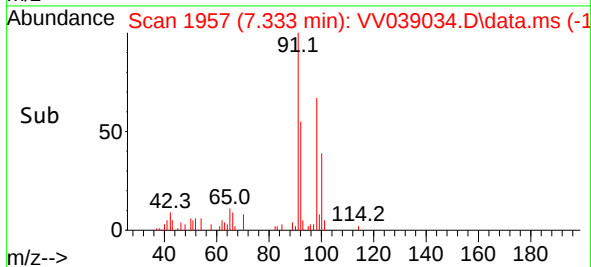
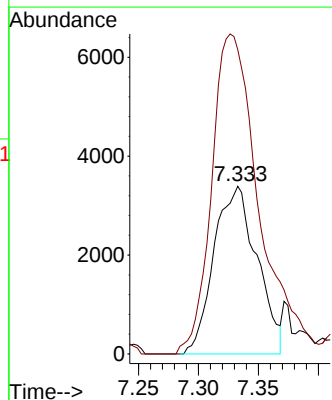
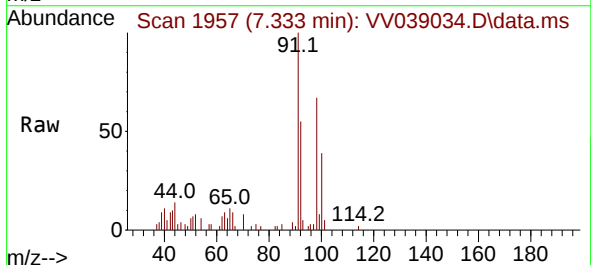
Manual Integrations
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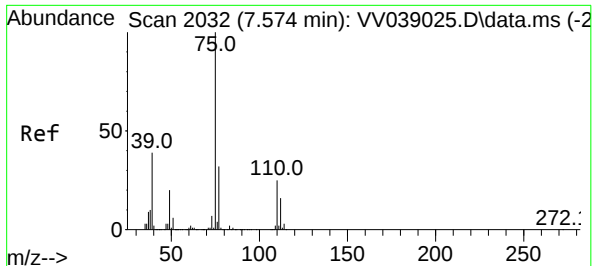
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#52
Toluene
Concen: 0.508 ug/l
RT: 7.333 min Scan# 1957
Delta R.T. 0.026 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Tgt Ion: 92 Resp: 8460
Ion Ratio Lower Upper
92 100
91 209.1 137.8 206.8





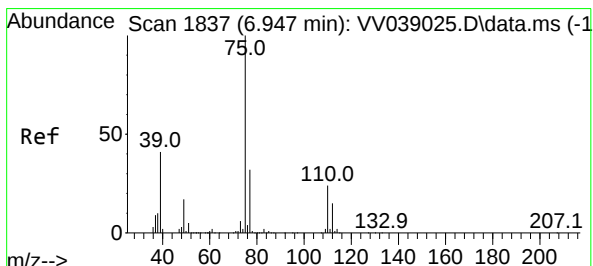
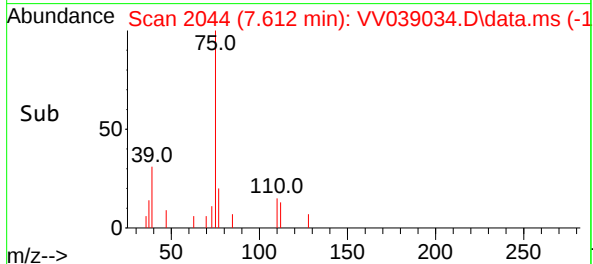
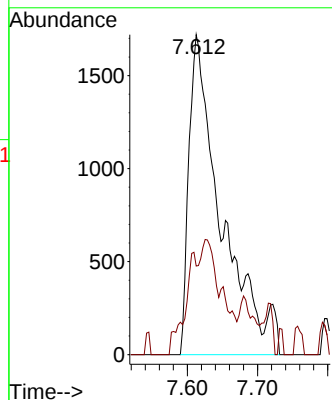
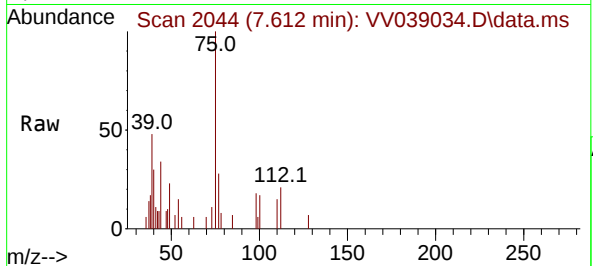
#53
 t-1,3-Dichloropropene
 Concen: 0.552 ug/l m
 RT: 7.612 min Scan# 2032
 Delta R.T. 0.039 min
 Lab File: VV039034.D
 Acq: 25 Aug 2025 15:53

Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 75 Resp: 550
 Ion Ratio Lower Upper
 75 100
 77 27.7 25.8 38.8

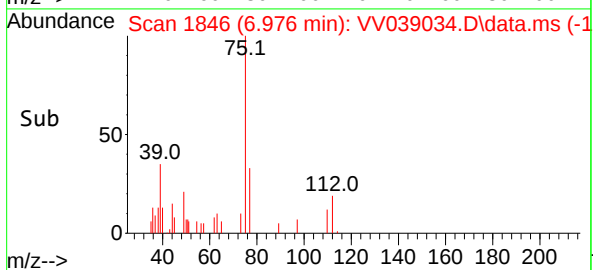
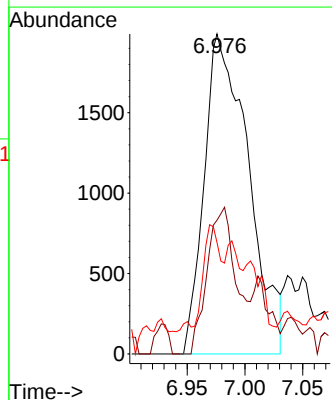
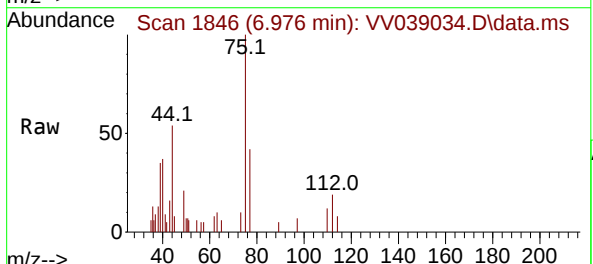
Manual Integrations
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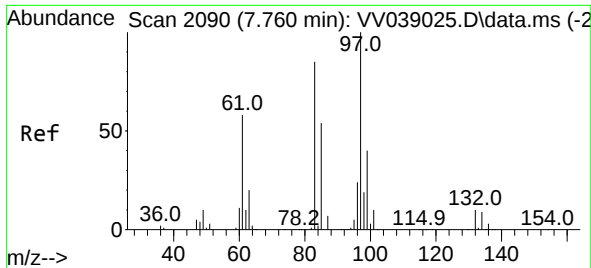
Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025



#54
 cis-1,3-Dichloropropene
 Concen: 0.494 ug/l
 RT: 6.976 min Scan# 1846
 Delta R.T. 0.029 min
 Lab File: VV039034.D
 Acq: 25 Aug 2025 15:53

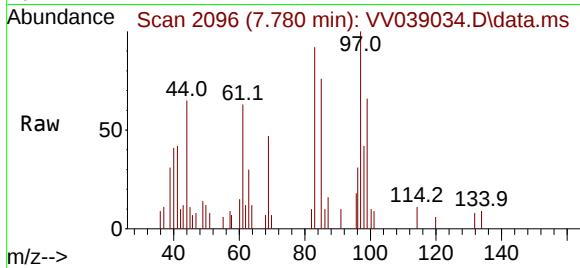
Tgt Ion: 75 Resp: 5285
 Ion Ratio Lower Upper
 75 100
 77 41.8 25.6 38.4#
 39 27.4 32.5 48.7#





#55
 1,1,2-Trichloroethane
 Concen: 0.527 ug/l
 RT: 7.780 min Scan# 2096
 Delta R.T. 0.019 min
 Lab File: VV039034.D
 Acq: 25 Aug 2025 15:53

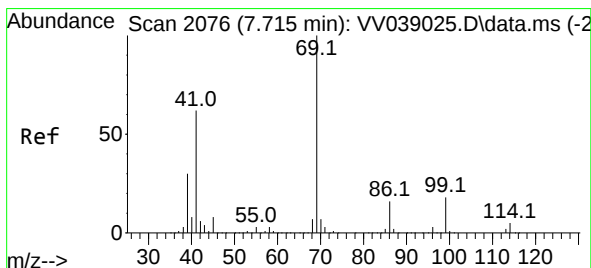
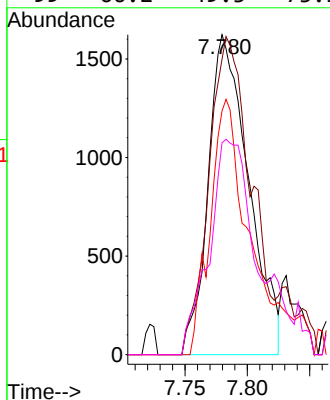
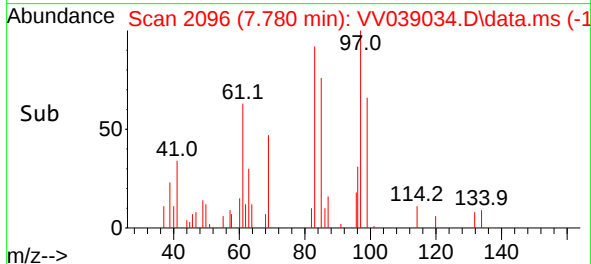
Instrument : MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025



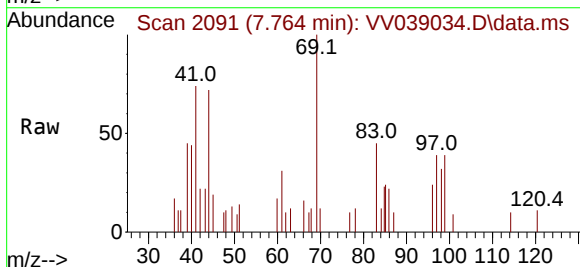
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.4	68.1	102.1
85	76.2	44.5	66.7
99	66.2	49.3	73.9

Manual Integrations
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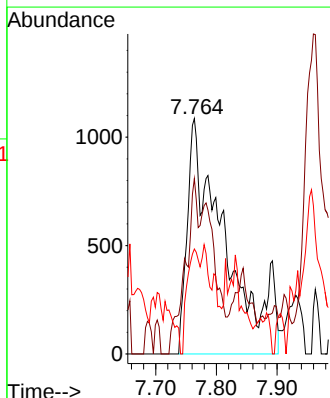
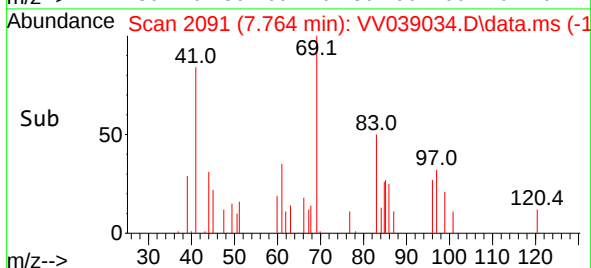
Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025

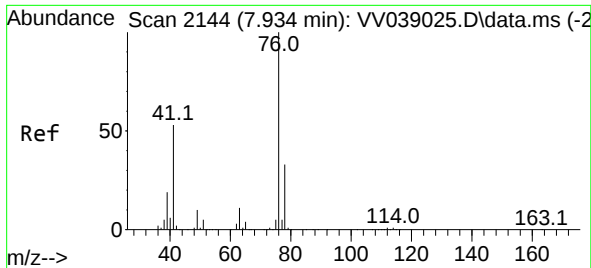


#56
 Ethyl methacrylate
 Concen: 0.500 ug/l m
 RT: 7.764 min Scan# 2091
 Delta R.T. 0.048 min
 Lab File: VV039034.D
 Acq: 25 Aug 2025 15:53



Tgt Ion	Ratio	Lower	Upper
69	100		
41	27.6	49.4	74.2#
39	15.0	24.0	36.0#





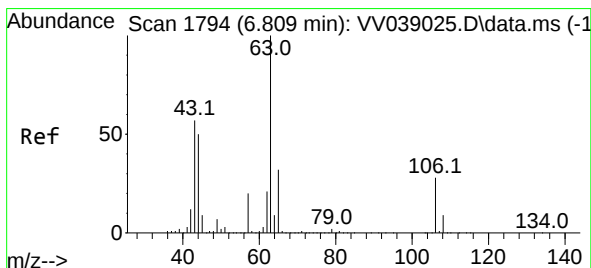
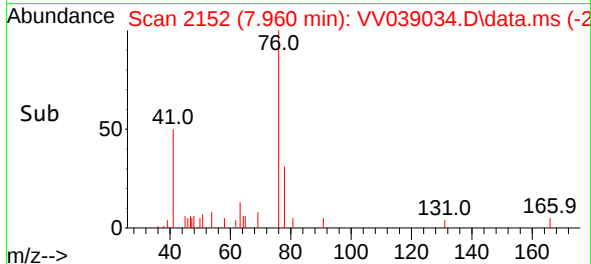
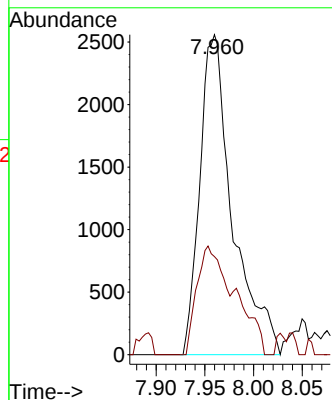
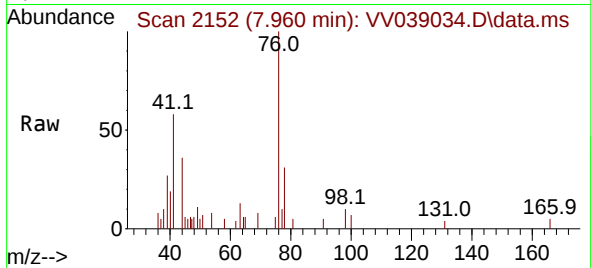
#57
1,3-Dichloropropane
Concen: 0.531 ug/l
RT: 7.960 min Scan# 2144
Delta R.T. 0.026 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 76 Resp: 596
Ion Ratio Lower Upper
76 100
78 28.0 26.1 39.1

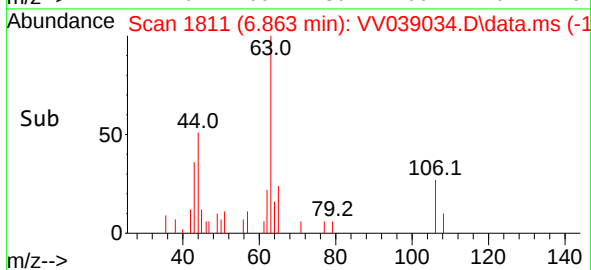
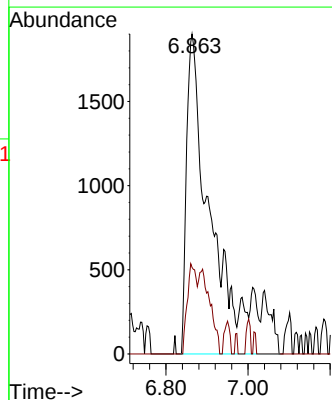
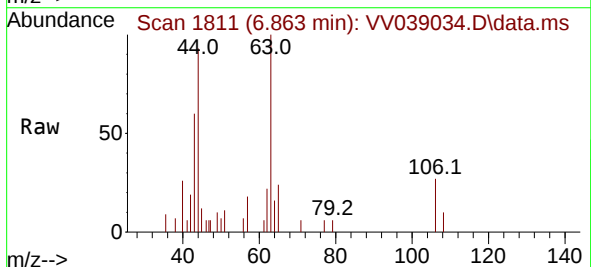
Manual Integrations
APPROVED

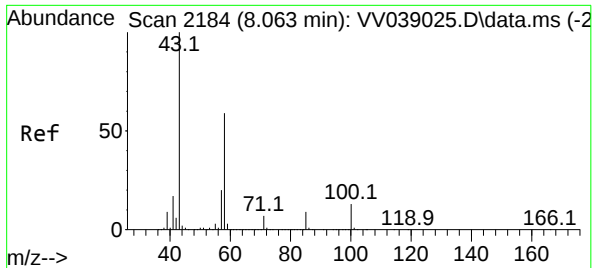
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 1.834 ug/l m
RT: 6.863 min Scan# 1811
Delta R.T. 0.054 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Tgt Ion: 63 Resp: 8471
Ion Ratio Lower Upper
63 100
106 9.9 22.3 33.5#





#59

2-Hexanone

Concen: 2.872 ug/l m

RT: 8.114 min Scan# 2184

Delta R.T. 0.052 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43 Resp: 20470

Ion Ratio Lower Upper

43 100

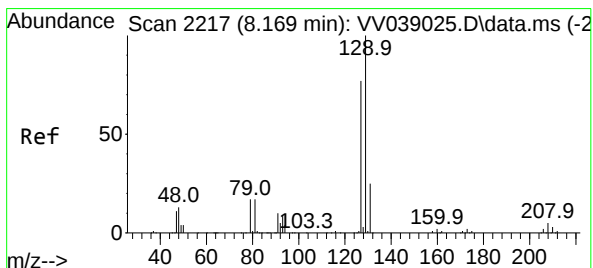
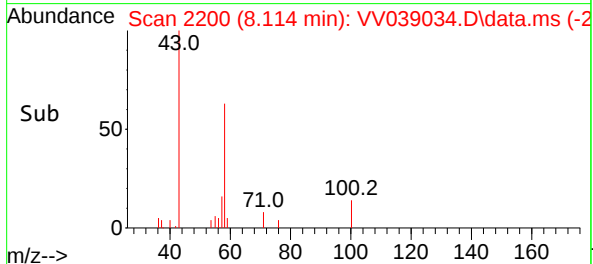
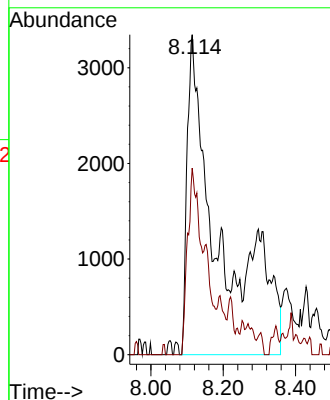
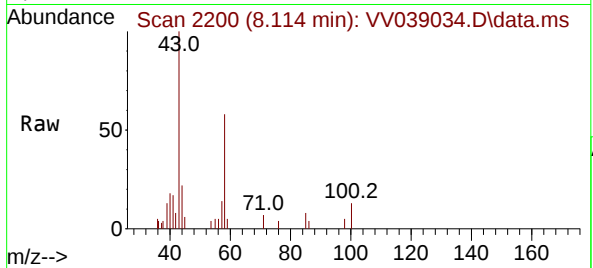
58 21.6 28.8 86.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025

Supervised By :Semsettin Yesilyurt 08/27/2025



#60

Dibromochloromethane

Concen: 0.576 ug/l

RT: 8.178 min Scan# 2220

Delta R.T. 0.010 min

Lab File: VV039034.D

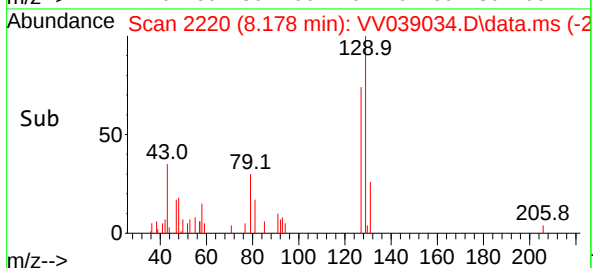
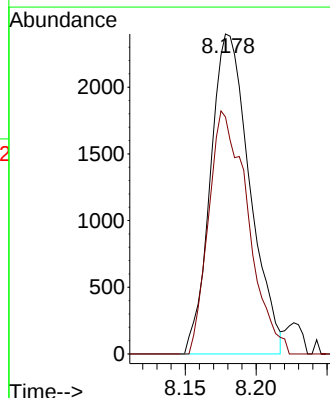
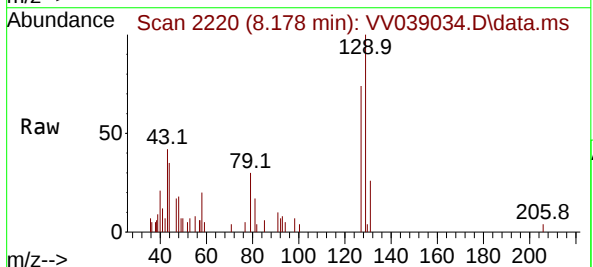
Acq: 25 Aug 2025 15:53

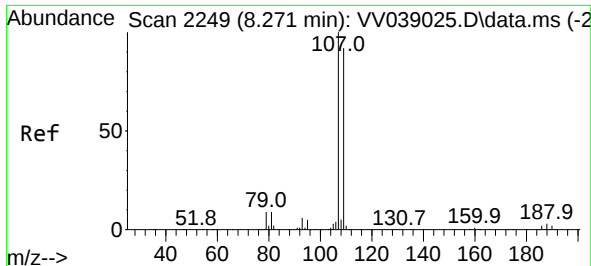
Tgt Ion:129 Resp: 4631

Ion Ratio Lower Upper

129 100

127 75.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 0.533 ug/l

RT: 8.297 min Scan# 21

Delta R.T. 0.026 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:107 Resp: 3824

Ion Ratio Lower Upper

107 100

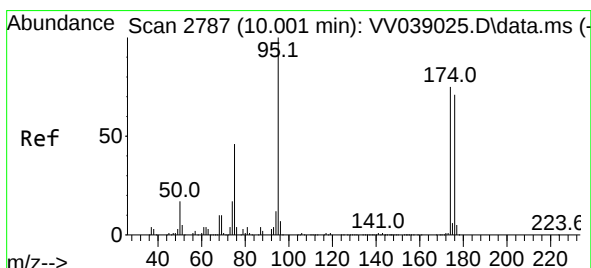
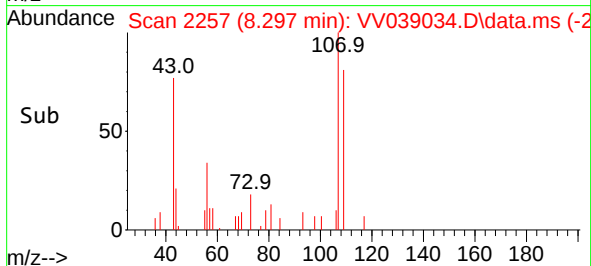
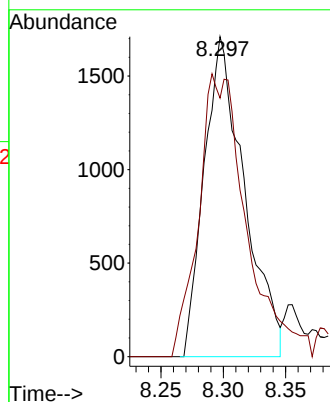
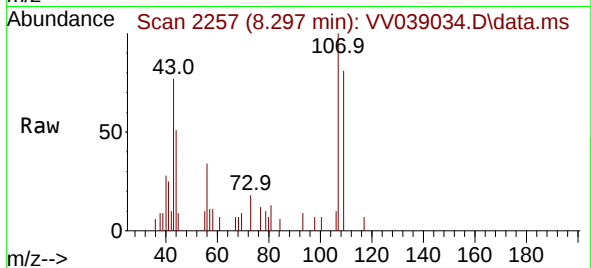
109 48.8 75.1 112.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025

Supervised By :Semsettin Yesilyurt 08/27/2025



#62

4-Bromofluorobenzene

Concen: 43.288 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.000 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

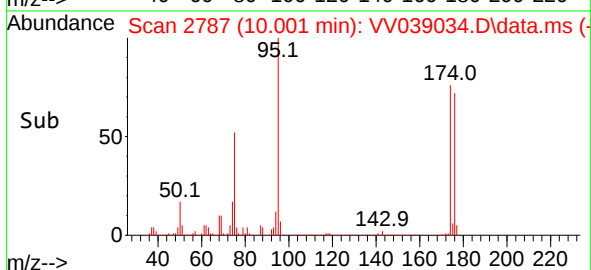
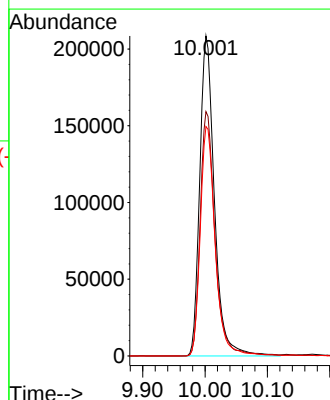
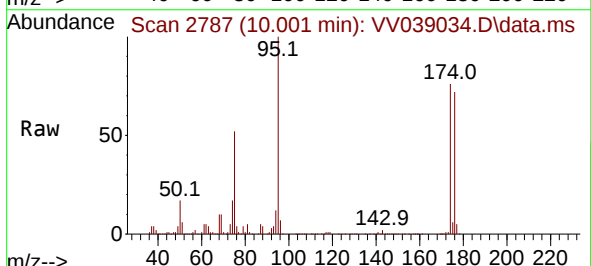
Tgt Ion: 95 Resp: 341713

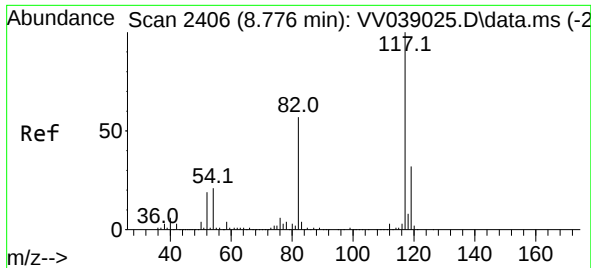
Ion Ratio Lower Upper

95 100

174 77.2 0.0 150.4

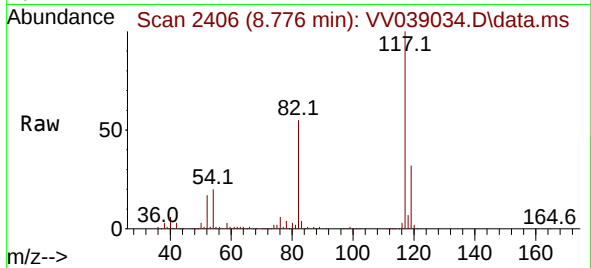
176 73.0 0.0 144.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

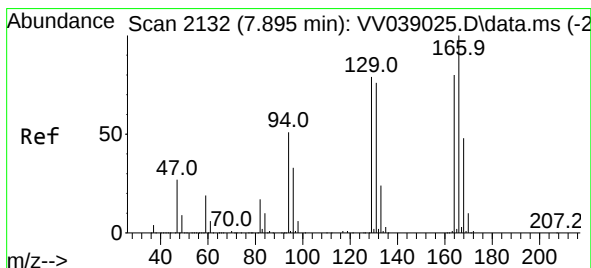
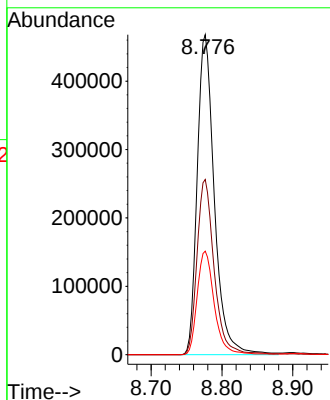
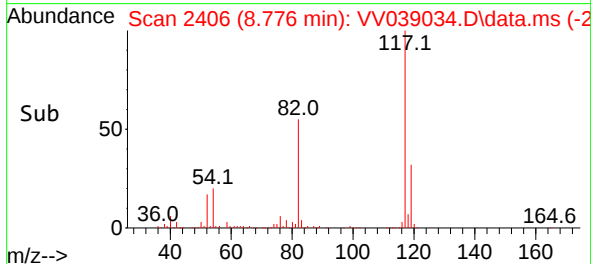
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:117 Resp: 786992
Ion Ratio Lower Upper
117 100
82 54.8 45.6 68.4
119 32.3 25.4 38.0

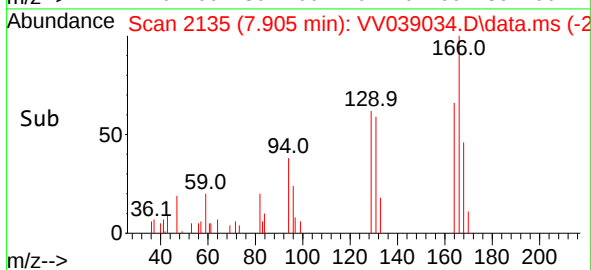
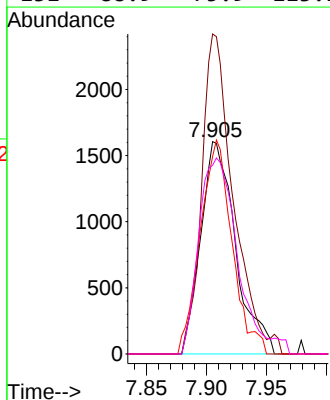
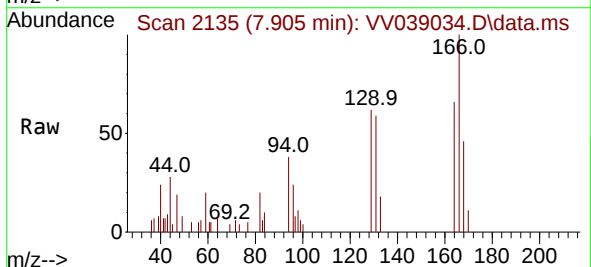
Manual Integrations
APPROVED

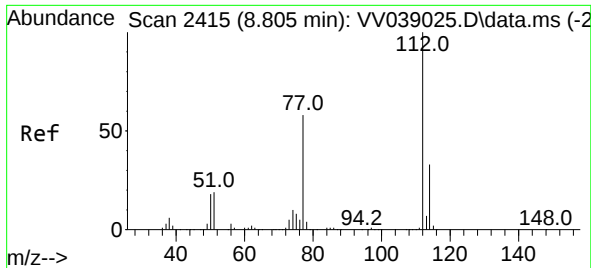
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#64
Tetrachloroethene
Concen: 0.579 ug/l
RT: 7.905 min Scan# 2135
Delta R.T. 0.010 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Tgt Ion:164 Resp: 3241
Ion Ratio Lower Upper
164 100
166 150.8 99.7 149.5#
129 93.0 78.5 117.7
131 88.9 75.9 113.9





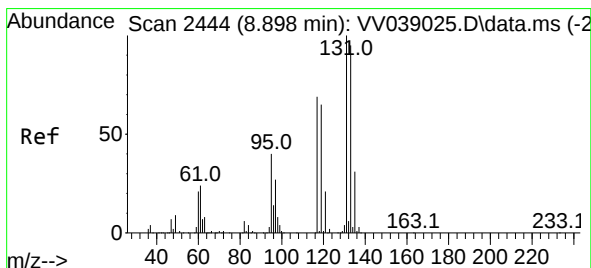
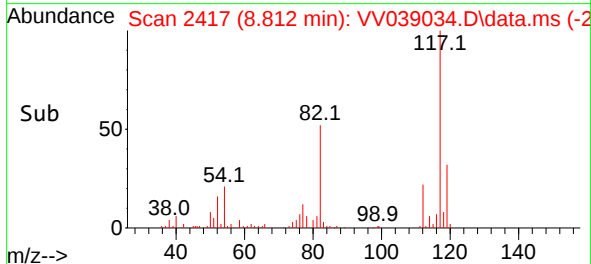
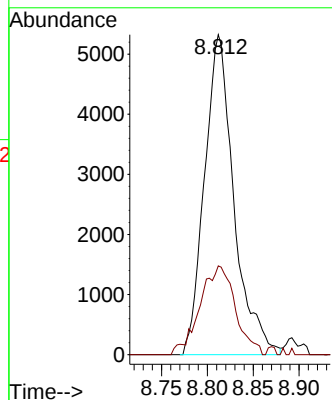
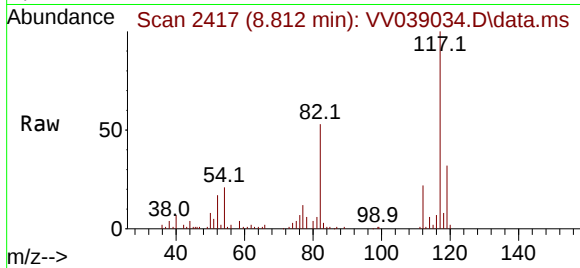
#65
Chlorobenzene
Concen: 0.630 ug/l
RT: 8.812 min Scan# 2415
Delta R.T. 0.007 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:112 Resp: 1185
Ion Ratio Lower Upper
112 100
114 27.7 26.2 39.4

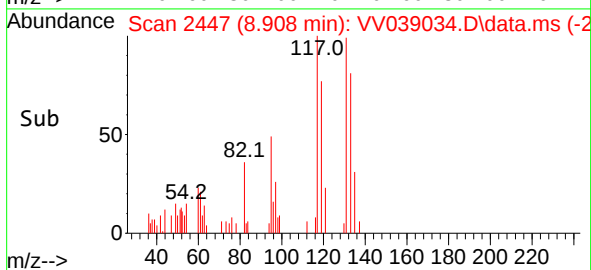
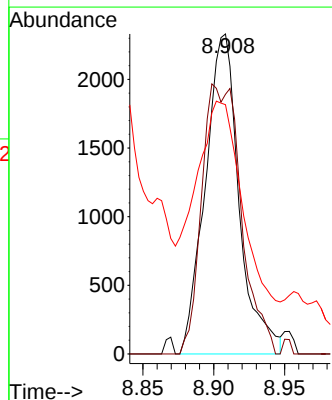
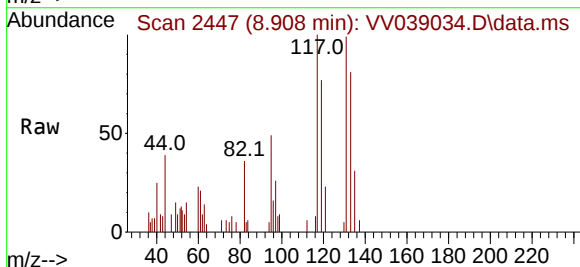
Manual Integrations
APPROVED

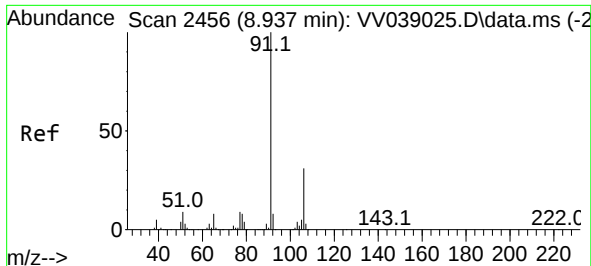
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 0.591 ug/l
RT: 8.908 min Scan# 2447
Delta R.T. 0.010 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Tgt Ion:131 Resp: 3883
Ion Ratio Lower Upper
131 100
133 97.9 47.6 142.9
119 0.0 33.3 99.8





#67

Ethyl Benzene

Concen: 0.500 ug/l

RT: 8.953 min Scan# 2456

Delta R.T. 0.016 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 1489

Ion Ratio Lower Upper

91 100

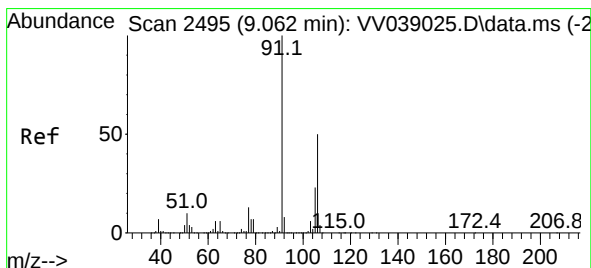
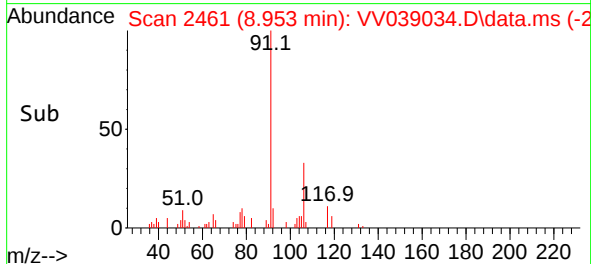
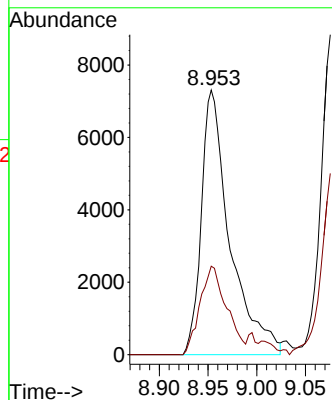
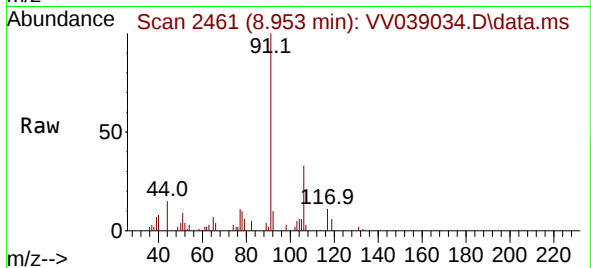
106 33.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025

Supervised By :Semsettin Yesilyurt 08/27/2025



#68

m/p-Xylenes

Concen: 1.023 ug/l

RT: 9.079 min Scan# 2500

Delta R.T. 0.016 min

Lab File: VV039034.D

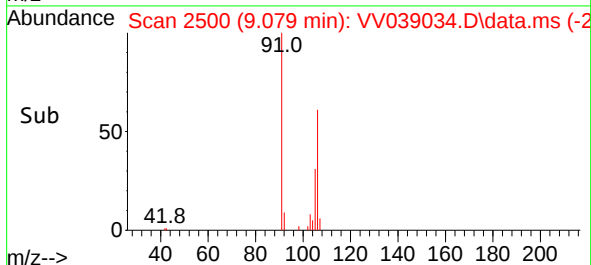
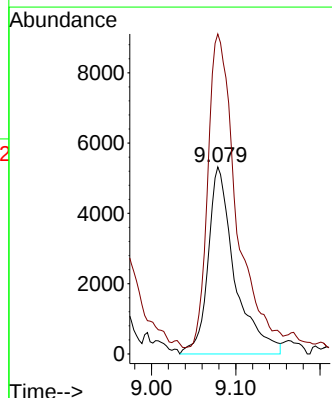
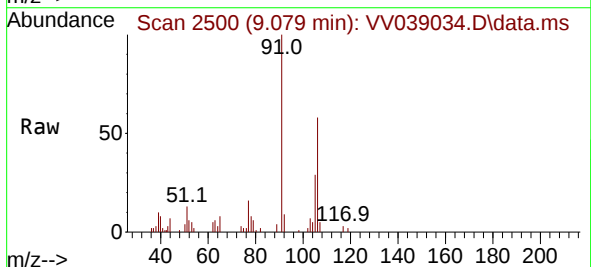
Acq: 25 Aug 2025 15:53

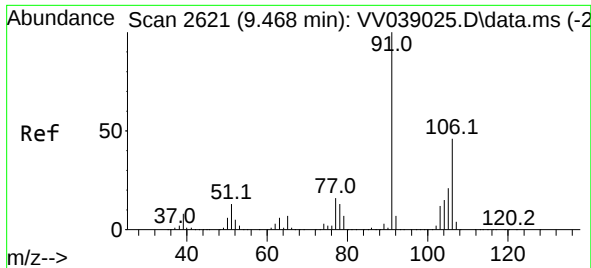
Tgt Ion:106 Resp: 11714

Ion Ratio Lower Upper

106 100

91 178.0 162.4 243.6





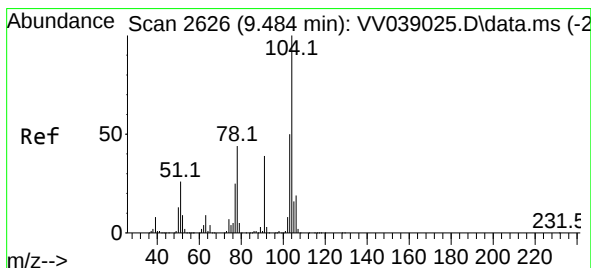
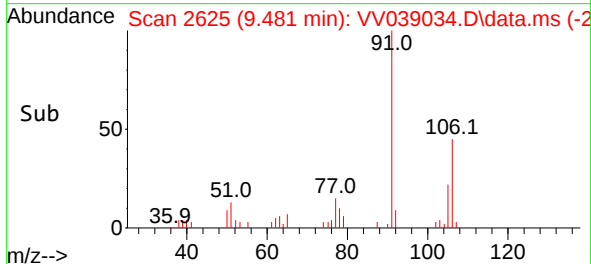
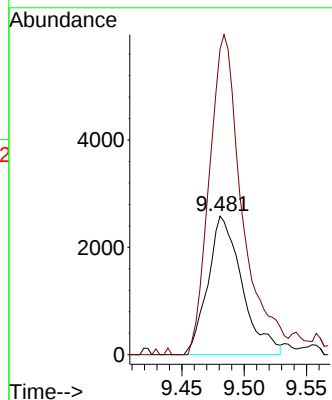
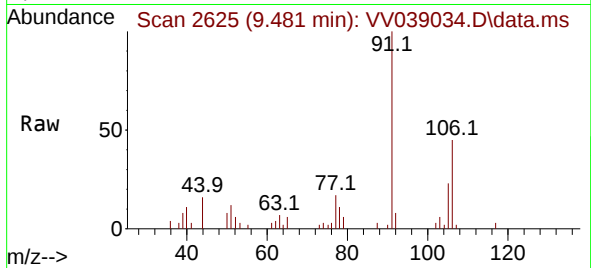
#69
o-Xylene
Concen: 0.469 ug/l
RT: 9.481 min Scan# 2625
Delta R.T. 0.013 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:106 Resp: 4914
Ion Ratio Lower Upper
106 100
91 223.7 106.7 320.1

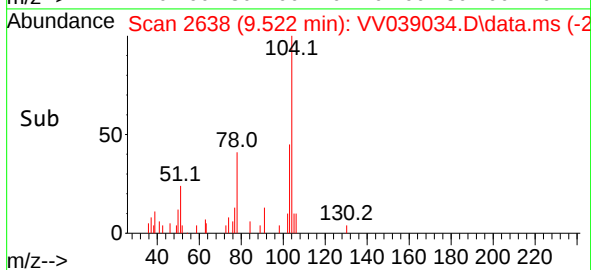
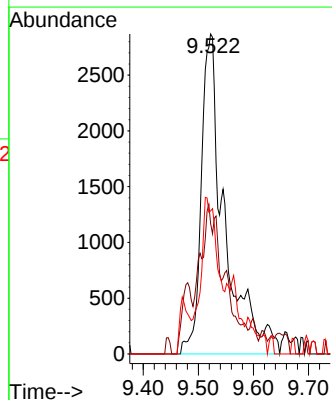
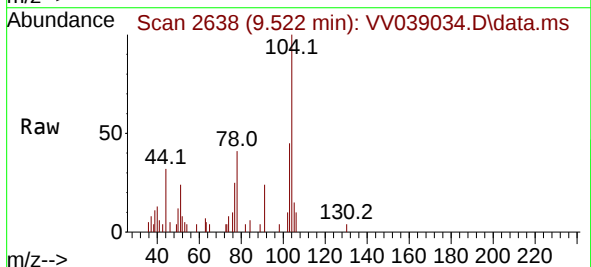
Manual Integrations
APPROVED

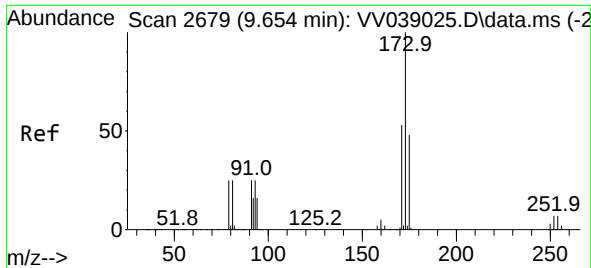
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#70
Styrene
Concen: 0.455 ug/l m
RT: 9.522 min Scan# 2638
Delta R.T. 0.039 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

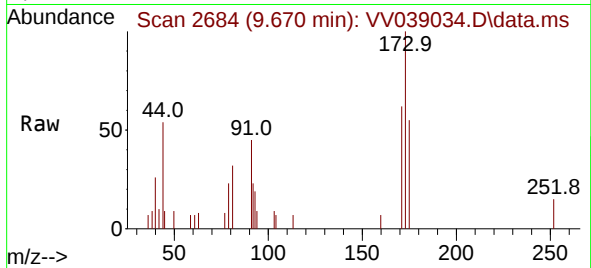
Tgt Ion:104 Resp: 8411
Ion Ratio Lower Upper
104 100
78 13.5 39.3 58.9#
103 25.3 43.2 64.8#





#71
Bromoform
Concen: 0.659 ug/l
RT: 9.670 min Scan# 2684
Delta R.T. 0.016 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

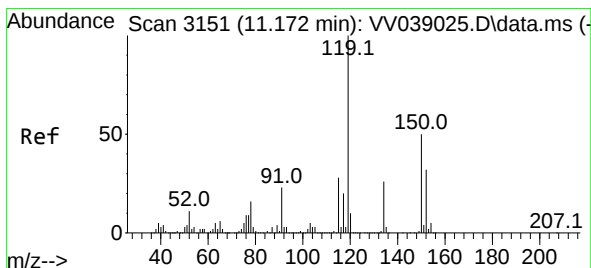
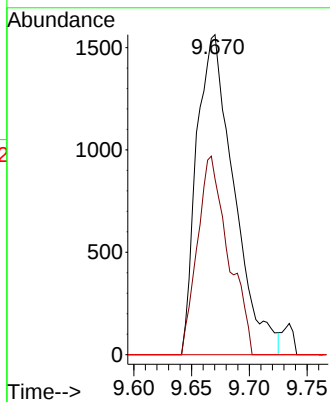
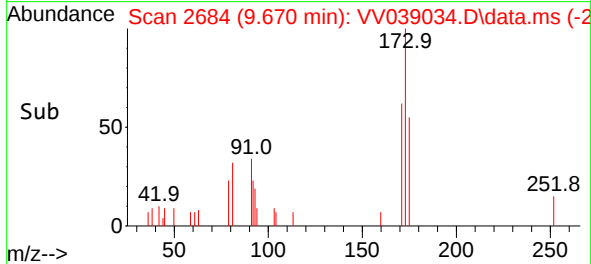
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



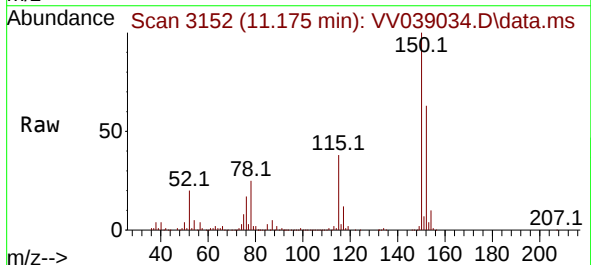
Tgt Ion:173 Resp: 350
Ion Ratio Lower Upper
173 100
175 51.5 24.3 72.9
254 0.0 0.1 0.1

Manual Integrations
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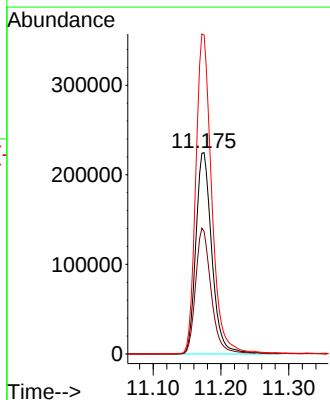
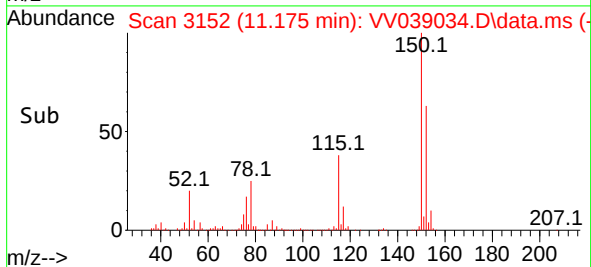
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

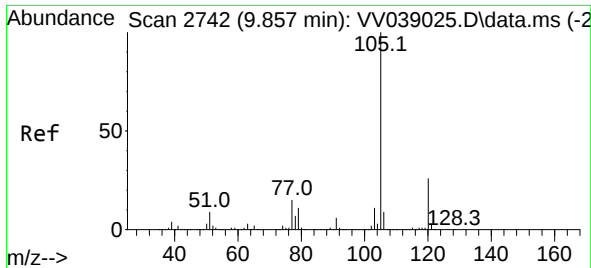


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53



Tgt Ion:152 Resp: 368604
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.1
150 157.0 0.0 352.2





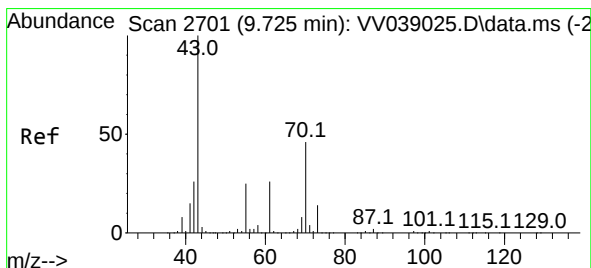
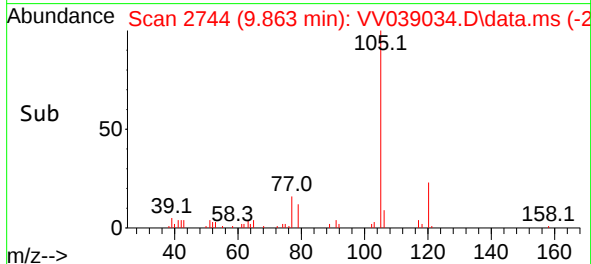
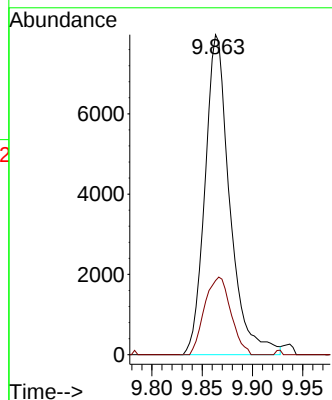
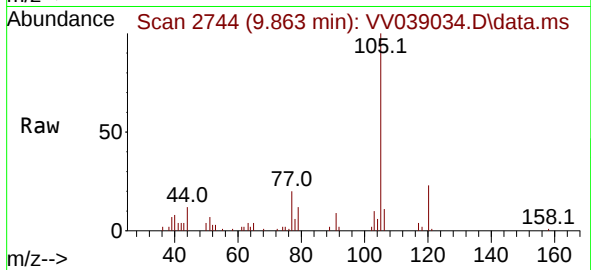
#73
Isopropylbenzene
Concen: 0.529 ug/l
RT: 9.863 min Scan# 2136
Delta R.T. 0.007 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 105 Resp: 1366
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.5

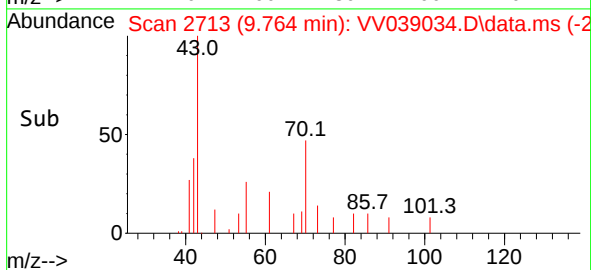
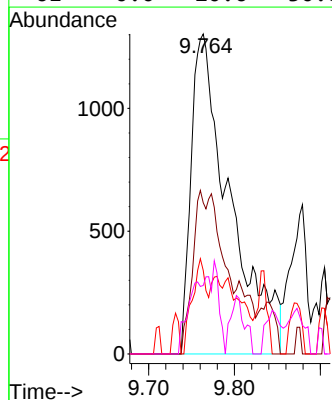
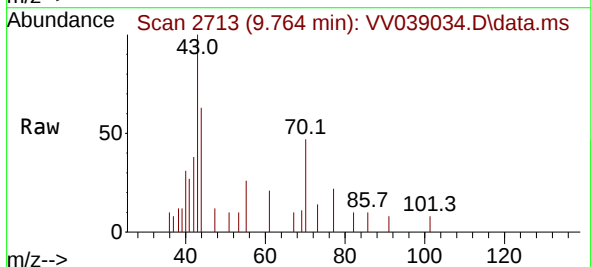
Manual Integrations
APPROVED

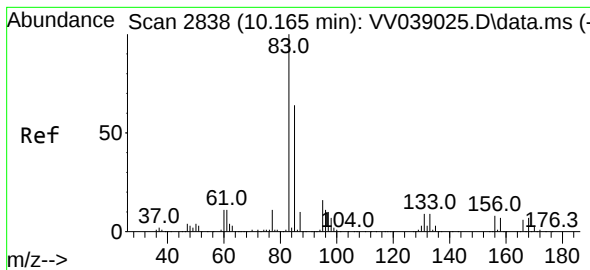
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#74
N-ethyl acetate
Concen: 0.385 ug/l m
RT: 9.764 min Scan# 2713
Delta R.T. 0.039 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Tgt Ion: 43 Resp: 4086
Ion Ratio Lower Upper
43 100
70 17.8 36.4 54.6#
55 11.1 20.6 30.8#
61 0.0 20.6 30.8#





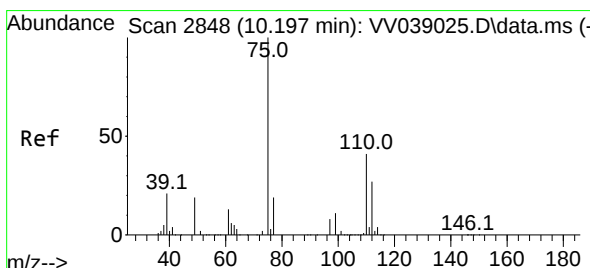
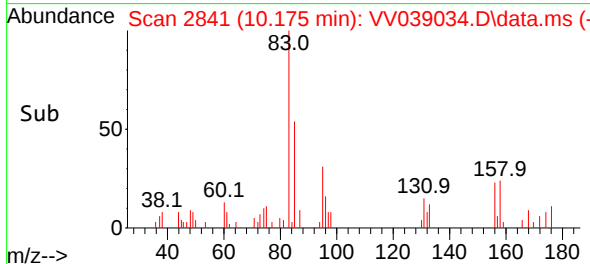
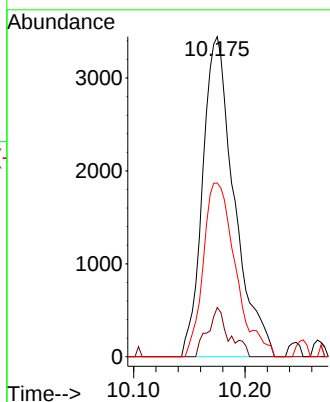
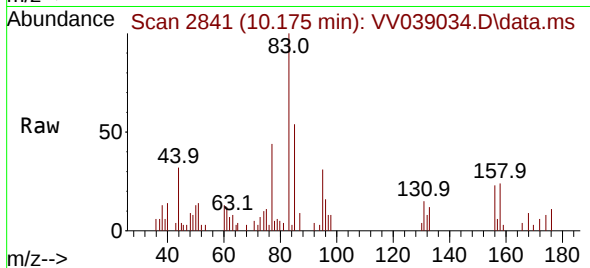
#75
1,1,2,2-Tetrachloroethane
Concen: 0.666 ug/l
RT: 10.175 min Scan# 2841
Delta R.T. 0.010 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 83 Resp: 6780
Ion Ratio Lower Upper
83 100
131 10.5 4.7 14.0
85 55.4 31.8 95.4

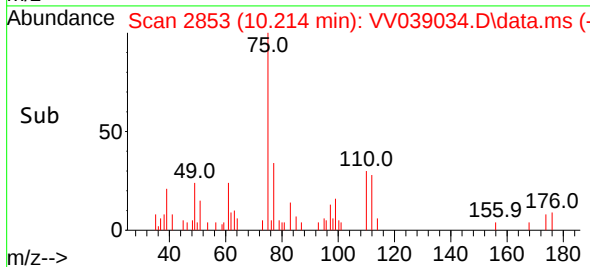
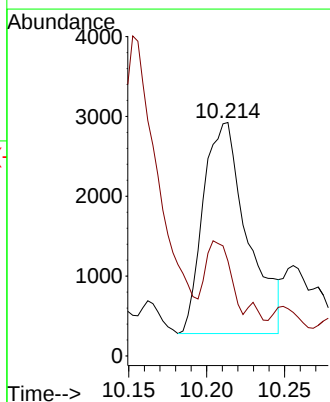
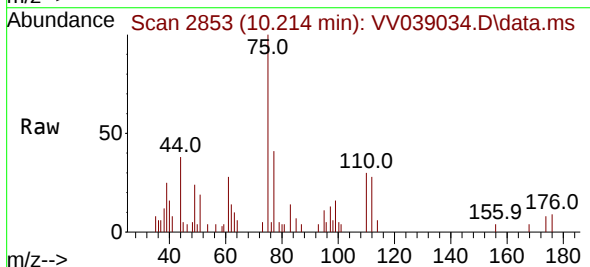
Manual Integrations
APPROVED

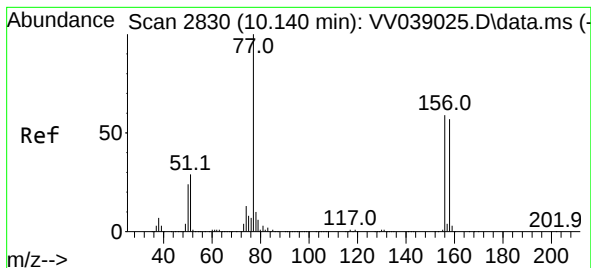
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#76
1,2,3-Trichloropropane
Concen: 0.719 ug/l
RT: 10.214 min Scan# 2853
Delta R.T. 0.016 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Tgt Ion: 75 Resp: 5201
Ion Ratio Lower Upper
75 100
77 20.7 11.9 35.5





#77

Bromobenzene

Concen: 0.579 ug/l

RT: 10.162 min Scan# 2837

Delta R.T. 0.023 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

Instrument :

MSVOA_V

ClientSampleId :

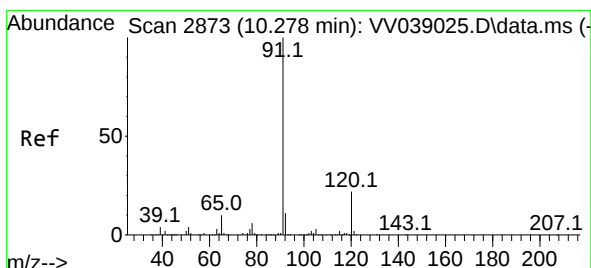
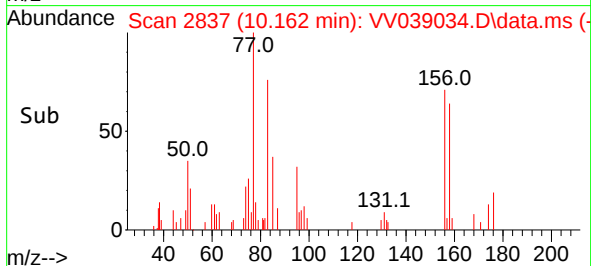
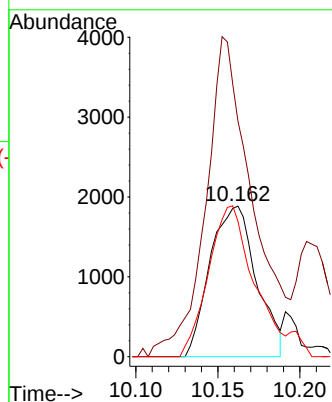
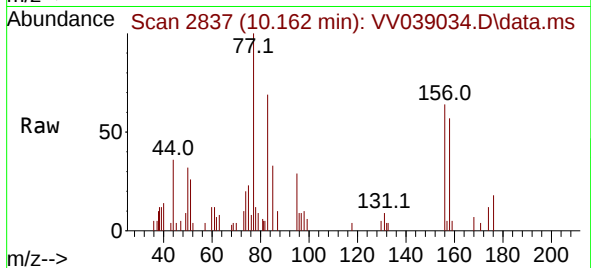
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	156	Resp:	3704
Ion Ratio	Lower	Upper	
156	100		
77	215.1	82.5	247.7
158	97.8	49.4	148.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#78

n-propylbenzene

Concen: 0.558 ug/l

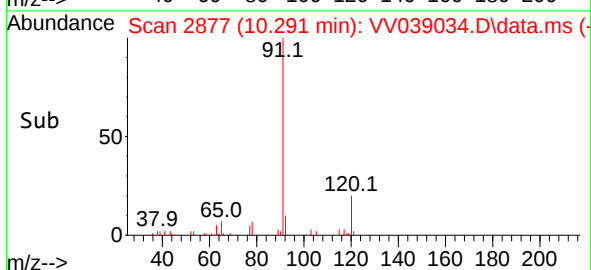
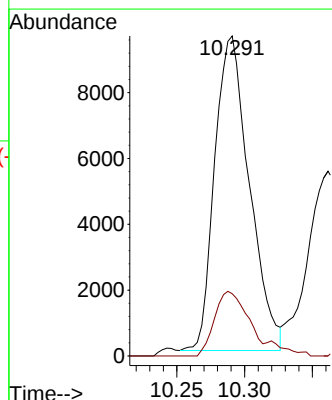
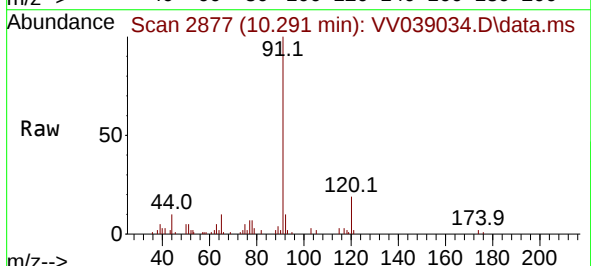
RT: 10.291 min Scan# 2877

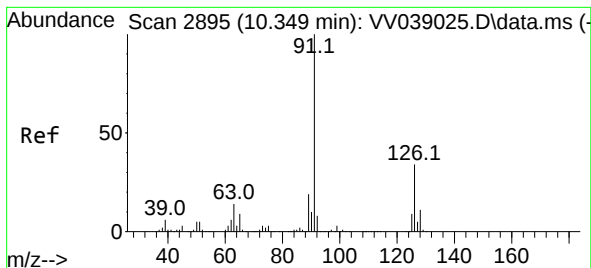
Delta R.T. 0.013 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

Tgt Ion:	91	Resp:	17021
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.2	33.6





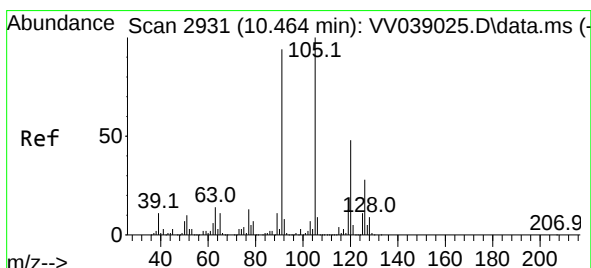
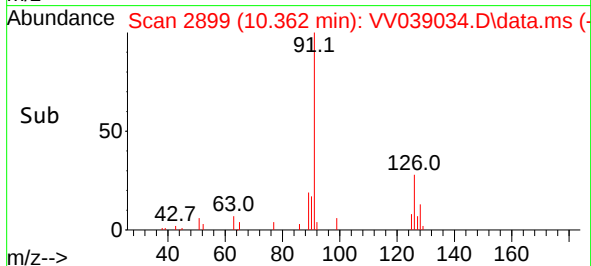
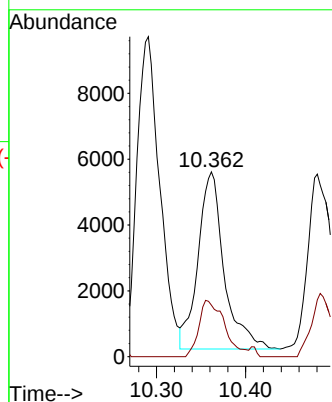
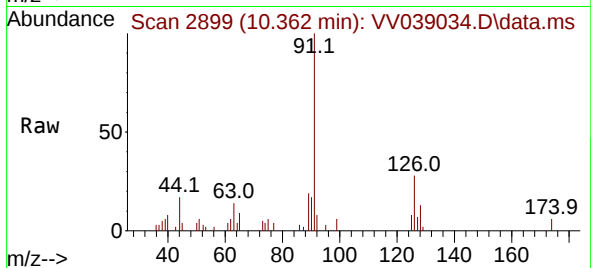
#79
2-Chlorotoluene
Concen: 0.582 ug/l
RT: 10.362 min Scan# 2899
Delta R.T. 0.013 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 1093
Ion Ratio Lower Upper
91 100
126 31.1 16.7 50.1

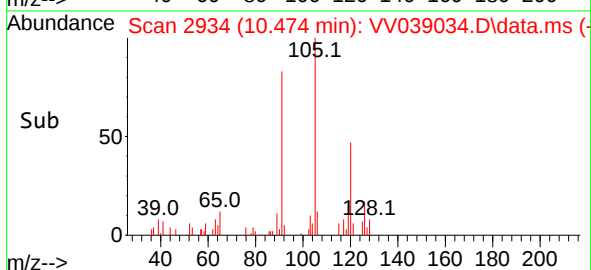
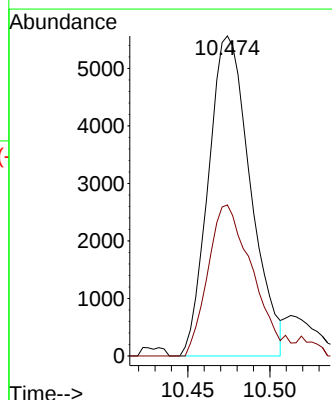
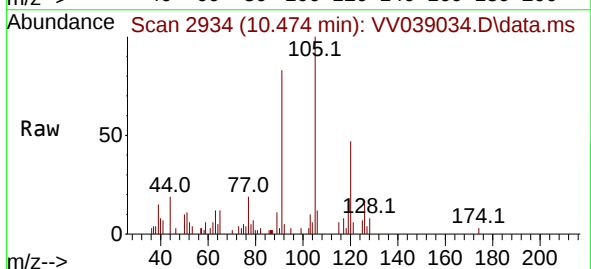
Manual Integrations
APPROVED

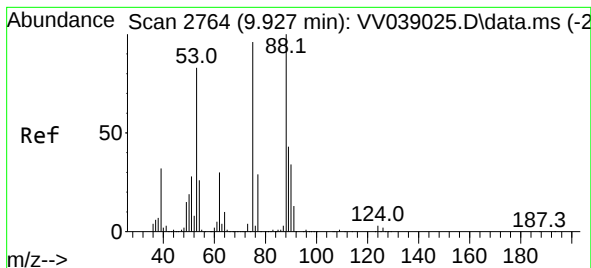
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.468 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.010 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

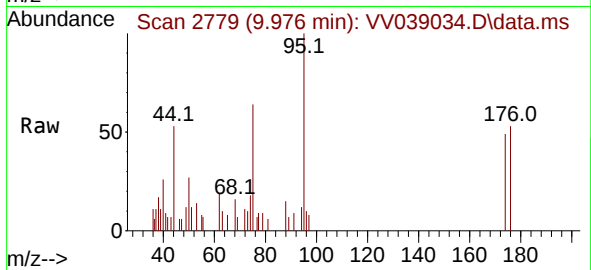
Tgt Ion:105 Resp: 9921
Ion Ratio Lower Upper
105 100
120 50.7 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 0.526 ug/l m
RT: 9.976 min Scan# 21
Delta R.T. 0.048 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

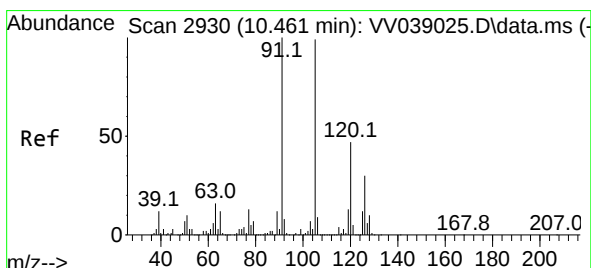
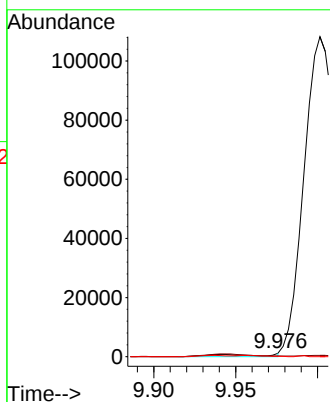
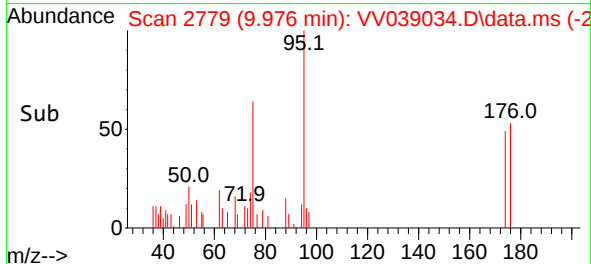
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 75 Resp: 173
Ion Ratio Lower Upper
75 100
53 53.7 70.2 105.4
89 6.1 36.5 54.7

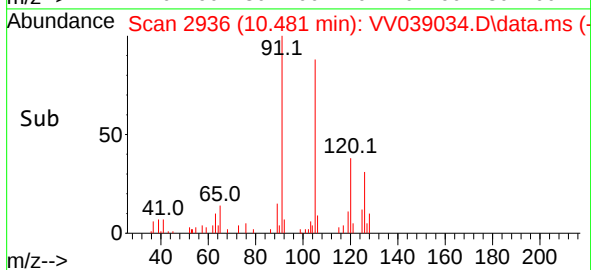
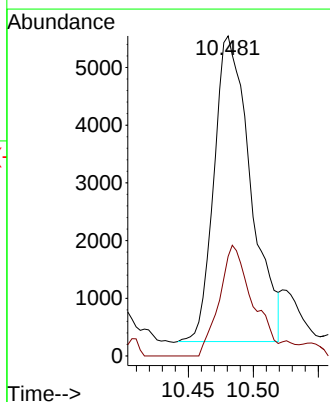
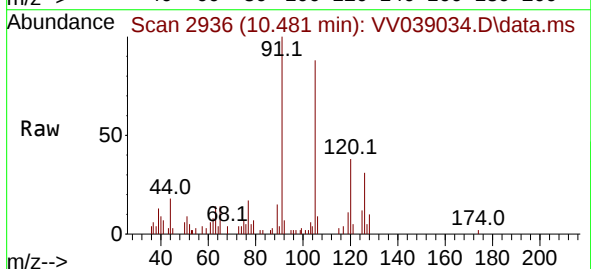
Manual Integrations
APPROVED

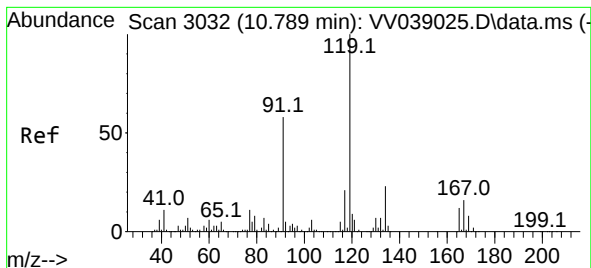
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#82
4-Chlorotoluene
Concen: 0.485 ug/l
RT: 10.481 min Scan# 2936
Delta R.T. 0.019 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Tgt Ion: 91 Resp: 10381
Ion Ratio Lower Upper
91 100
126 33.0 14.9 44.5





#83

tert-Butylbenzene

Concen: 0.587 ug/l

RT: 10.796 min Scan# 3052

Delta R.T. 0.007 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

Instrument :

MSVOA_V

ClientSampleId :

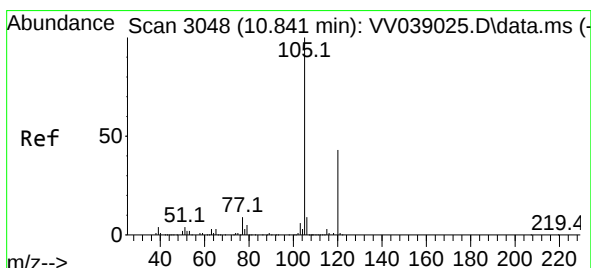
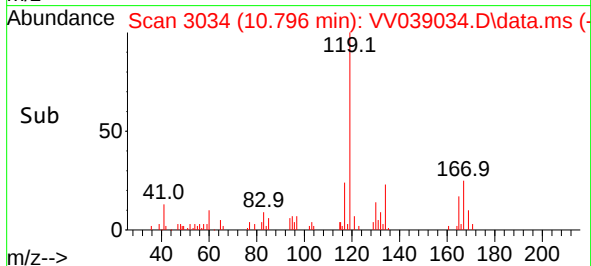
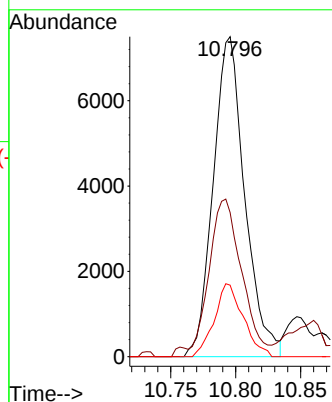
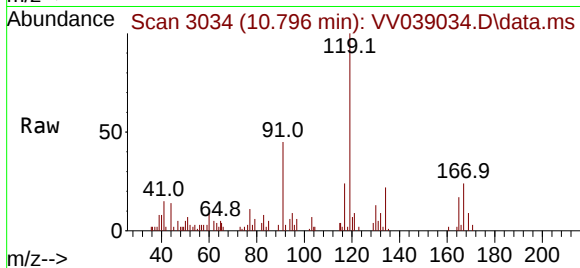
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	119	Resp:	1266
Ion Ratio	Lower	Upper	
119	100		
91	50.9	28.1	84.4
134	20.8	11.4	34.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#84

1,2,4-Trimethylbenzene

Concen: 0.513 ug/l

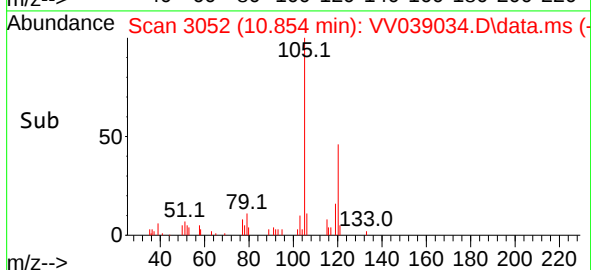
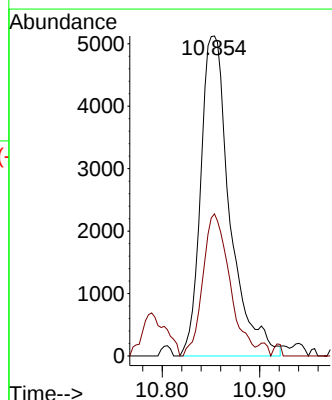
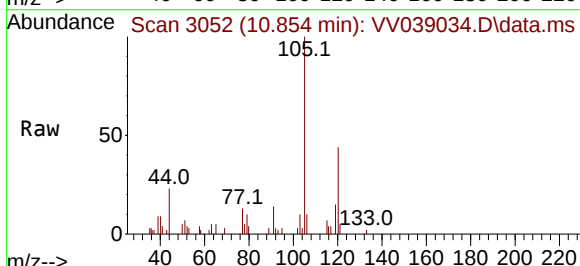
RT: 10.854 min Scan# 3052

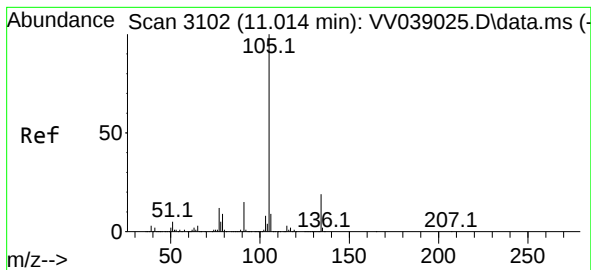
Delta R.T. 0.013 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

Tgt Ion:	105	Resp:	10638
Ion Ratio	Lower	Upper	
105	100		
120	41.0	22.6	67.8





#85

sec-Butylbenzene

Concen: 0.540 ug/l

RT: 11.014 min Scan# 3102

Delta R.T. 0.000 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

Instrument :

MSVOA_V

ClientSampleId :

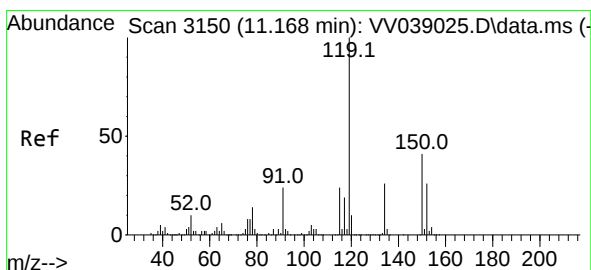
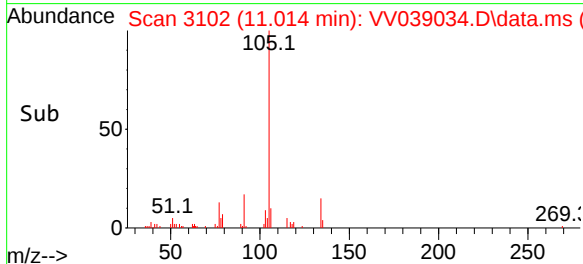
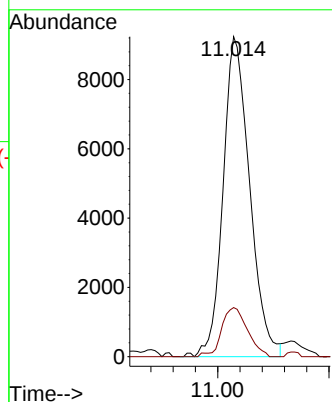
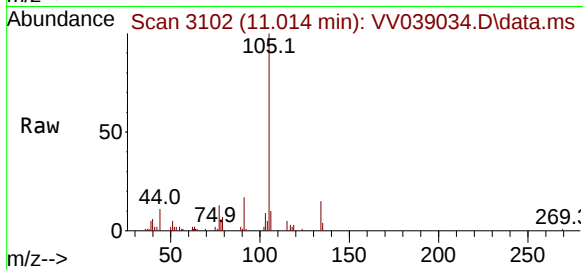
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:105 Resp: 1531
 Ion Ratio Lower Upper
 105 100
 134 14.9 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025



#86

p-Isopropyltoluene

Concen: 0.542 ug/l

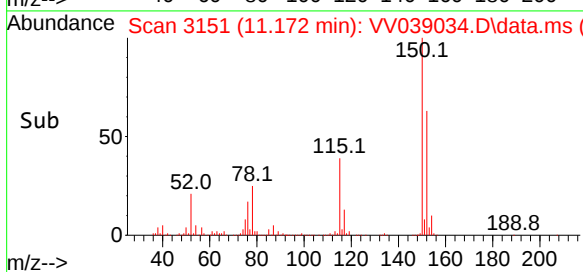
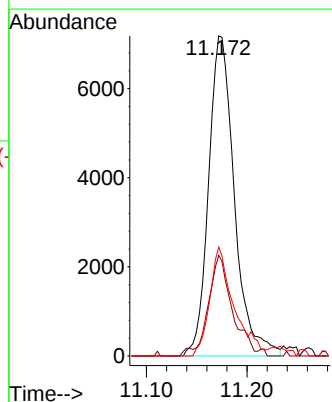
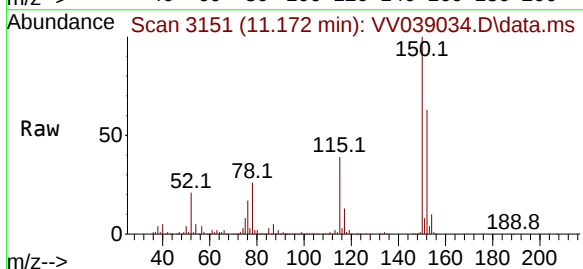
RT: 11.172 min Scan# 3151

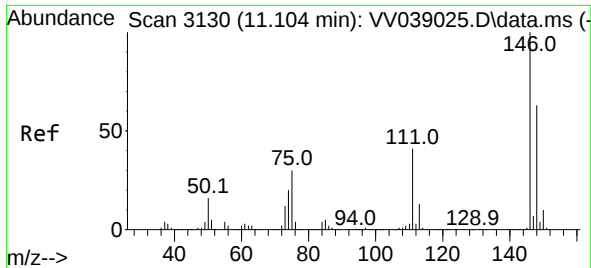
Delta R.T. 0.003 min

Lab File: VV039034.D

Acq: 25 Aug 2025 15:53

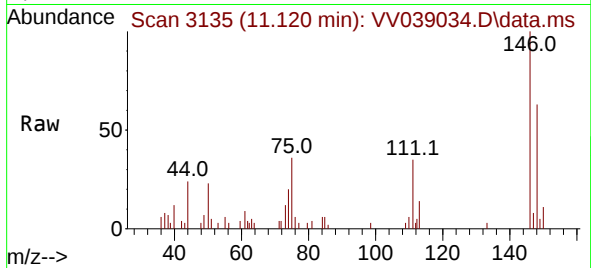
Tgt Ion:119 Resp: 12822
 Ion Ratio Lower Upper
 119 100
 134 29.1 13.1 39.1
 91 31.7 12.0 36.1





#87
1,3-Dichlorobenzene
Concen: 0.593 ug/l
RT: 11.120 min Scan# 3110
Delta R.T. 0.016 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

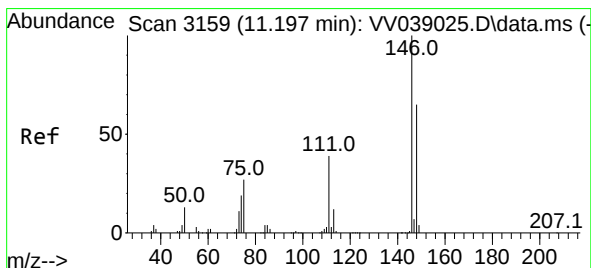
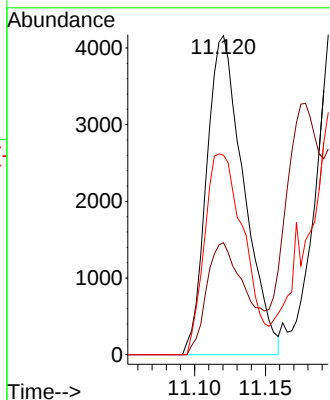
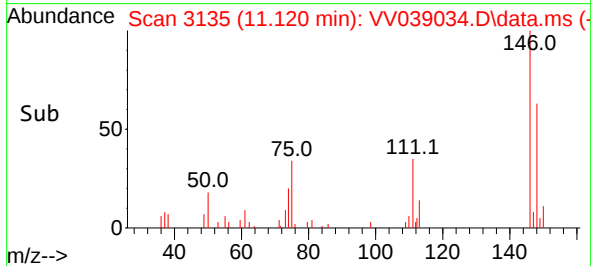
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



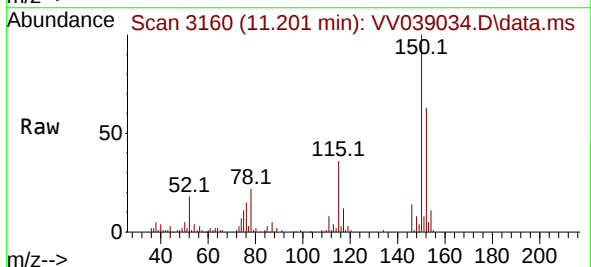
Tgt Ion:146 Resp: 7592
Ion Ratio Lower Upper
146 100
111 37.4 20.5 61.6
148 67.2 31.9 95.7

Manual Integrations
APPROVED

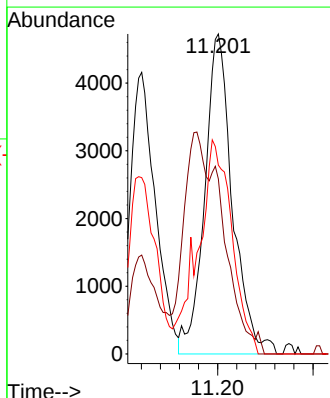
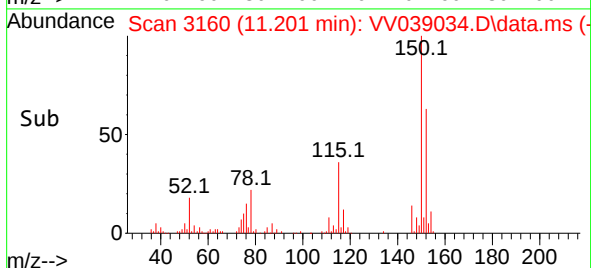
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

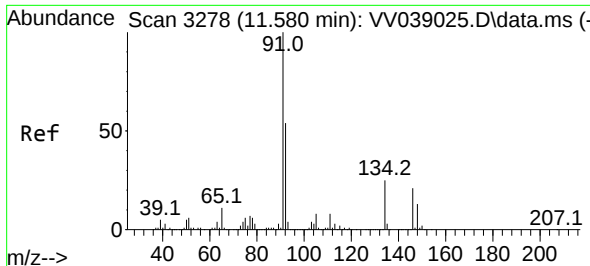


#88
1,4-Dichlorobenzene
Concen: 0.695 ug/l m
RT: 11.201 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53



Tgt Ion:146 Resp: 9575
Ion Ratio Lower Upper
146 100
111 29.6 20.1 60.3
148 53.3 32.5 97.4





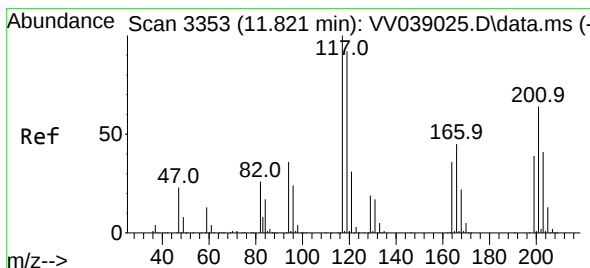
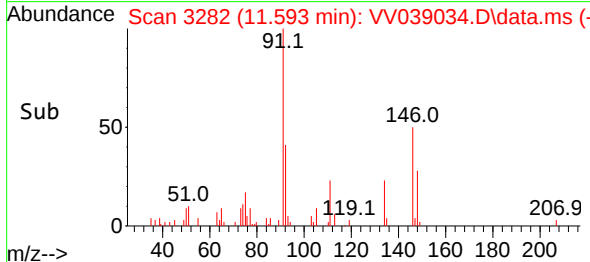
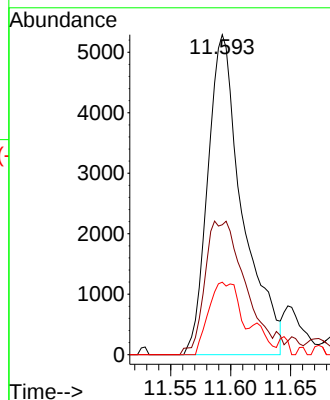
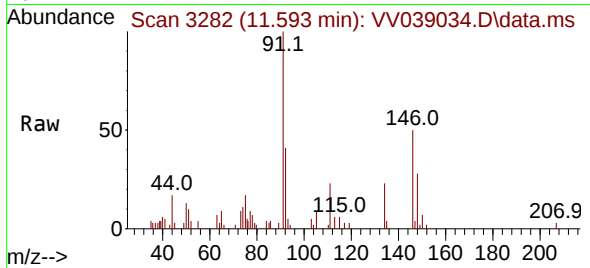
#89
n-Butylbenzene
Concen: 0.467 ug/l
RT: 11.593 min Scan# 3282
Delta R.T. 0.013 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 10640
Ion Ratio Lower Upper
91 100
92 49.4 26.8 80.4
134 20.5 12.2 36.6

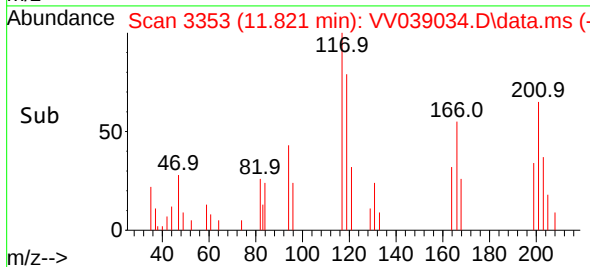
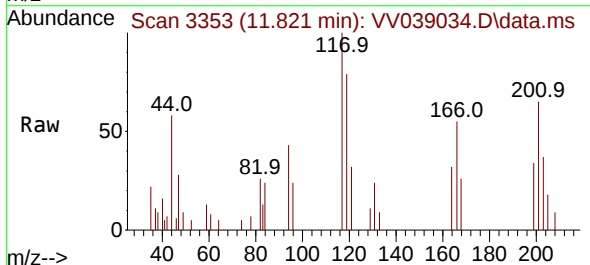
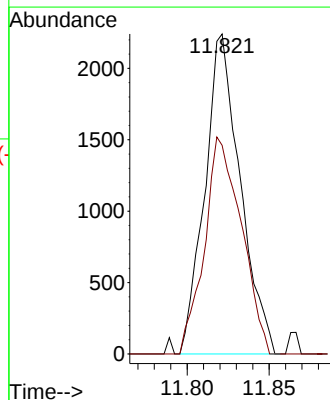
Manual Integrations
APPROVED

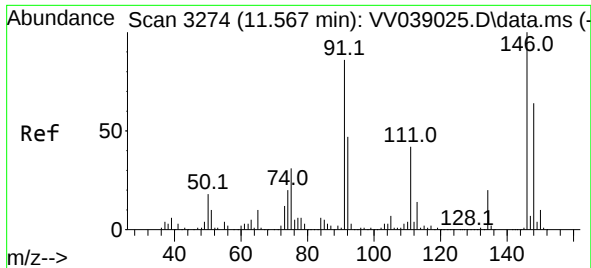
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#90
Hexachloroethane
Concen: 0.637 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.000 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

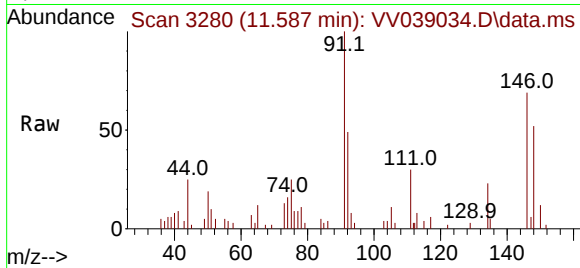
Tgt Ion:117 Resp: 3364
Ion Ratio Lower Upper
117 100
201 70.6 32.2 96.6





#91
1,2-Dichlorobenzene
Concen: 0.559 ug/l
RT: 11.587 min Scan# 3111
Delta R.T. 0.019 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

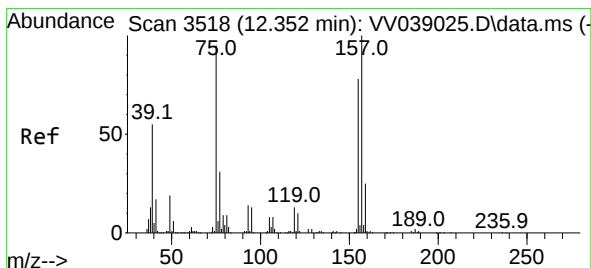
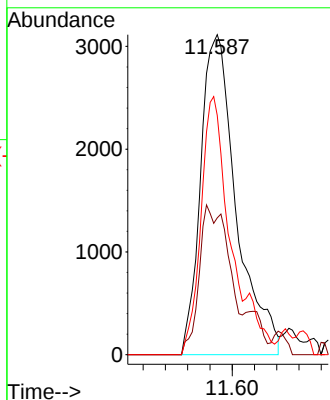
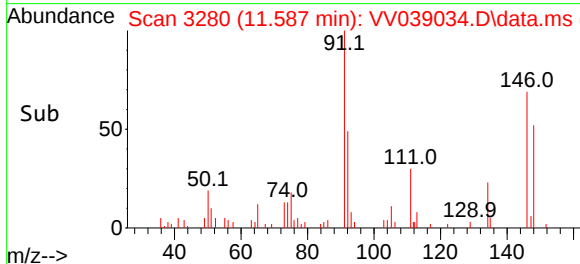
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



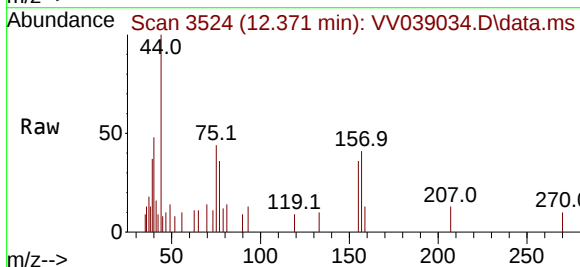
Tgt Ion:146 Resp: 693
Ion Ratio Lower Upper
146 100
111 39.4 21.1 63.4
148 68.1 32.3 96.8

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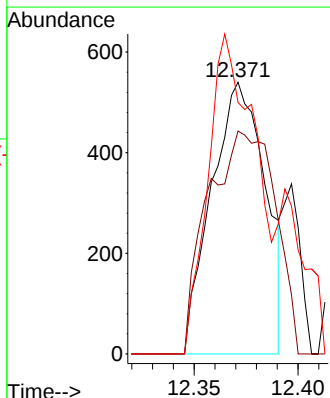
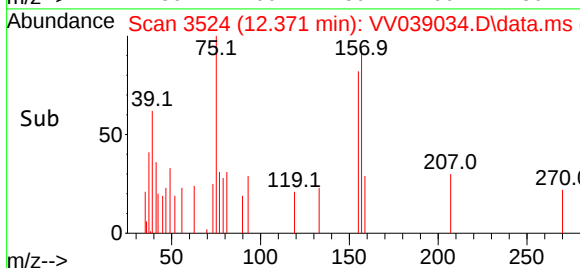
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

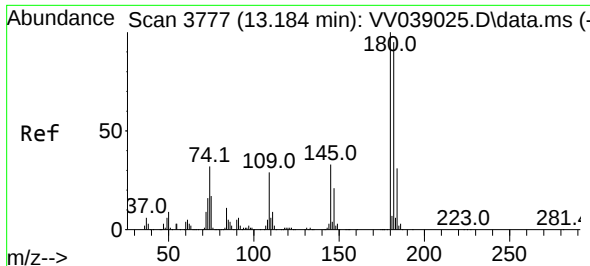


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.438 ug/l
RT: 12.371 min Scan# 3524
Delta R.T. 0.019 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53



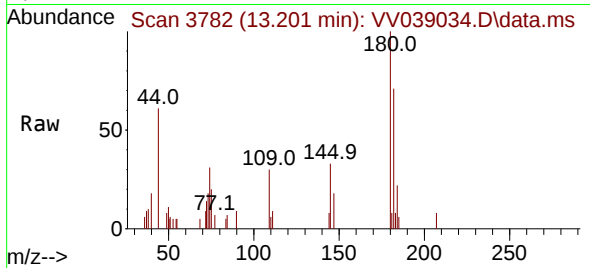
Tgt Ion: 75 Resp: 969
Ion Ratio Lower Upper
75 100
155 103.3 40.9 122.7
157 103.8 53.4 160.3





#93
1,2,4-Trichlorobenzene
Concen: 0.597 ug/l
RT: 13.201 min Scan# 31
Delta R.T. 0.016 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

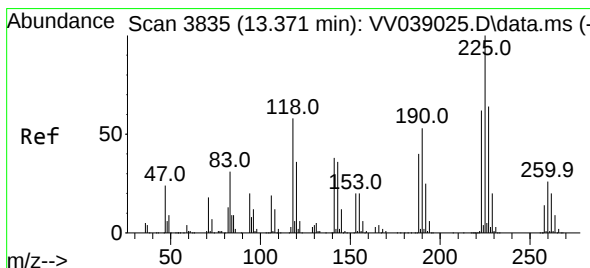
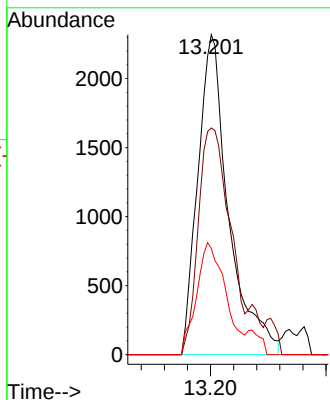
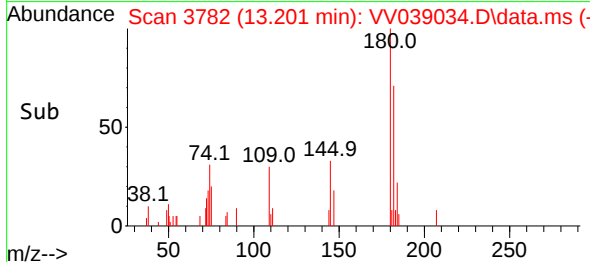
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:180 Resp: 4290
Ion Ratio Lower Upper
180 100
182 72.0 47.5 142.6
145 32.9 16.3 48.9

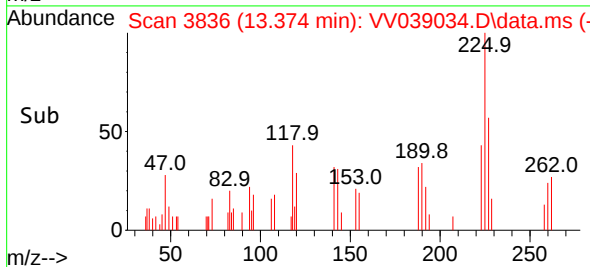
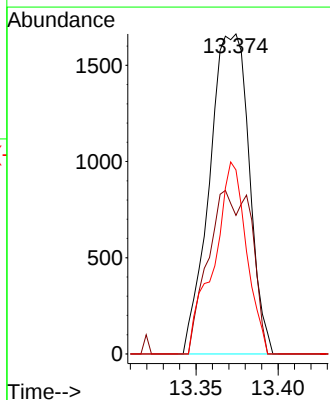
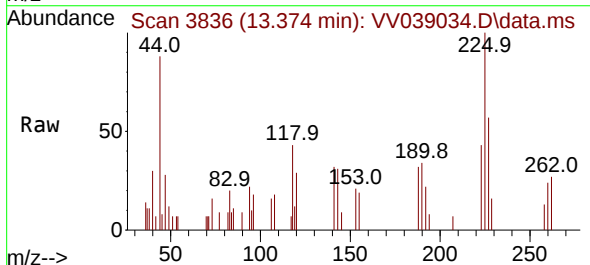
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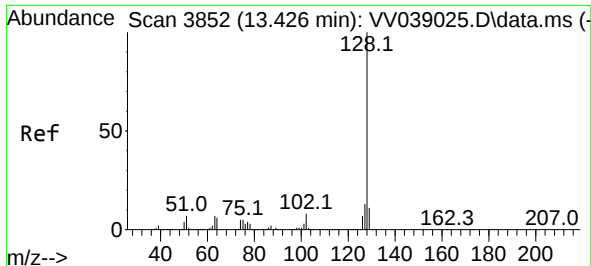
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#94
Hexachlorobutadiene
Concen: 0.830 ug/l
RT: 13.374 min Scan# 3836
Delta R.T. 0.003 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

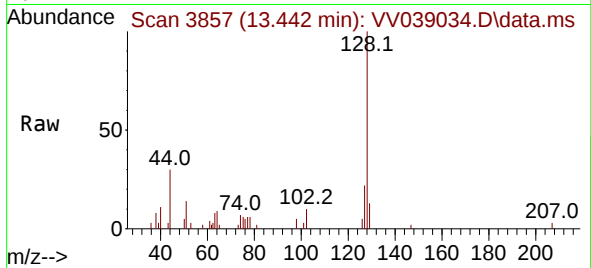
Tgt Ion:225 Resp: 2791
Ion Ratio Lower Upper
225 100
223 36.5 32.1 96.5
227 49.4 31.6 95.0





#95
Naphthalene
Concen: 0.454 ug/l
RT: 13.442 min Scan# 3911
Delta R.T. 0.016 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

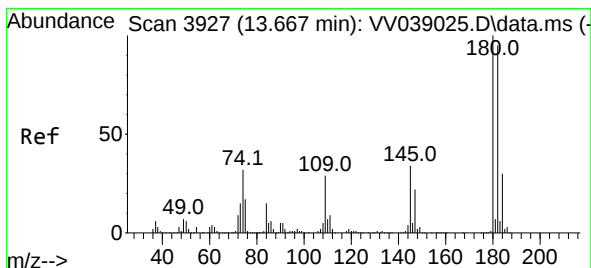
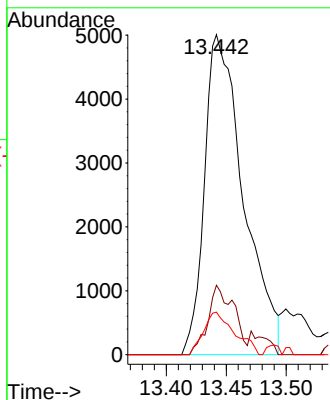
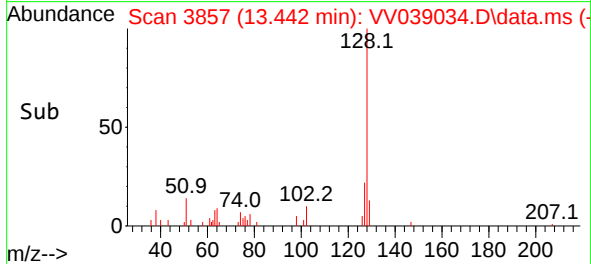
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:128 Resp: 11318
Ion Ratio Lower Upper
128 100
127 14.4 10.2 15.2
129 10.5 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.563 ug/l
RT: 13.680 min Scan# 3931
Delta R.T. 0.013 min
Lab File: VV039034.D
Acq: 25 Aug 2025 15:53

Tgt Ion:180 Resp: 4098
Ion Ratio Lower Upper
180 100
182 90.0 47.0 141.0
145 32.1 17.0 51.0

