

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039032.D
 Acq On : 25 Aug 2025 15:10
 Operator : SY/MD
 Sample : Q2893-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 26 03:47:18 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	4.596	168	464356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	854747	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	793256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	365666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	372260	55.582	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 111.160%			
35) Dibromofluoromethane	4.500	113	318416	51.729	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 103.460%			
50) Toluene-d8	7.236	98	1015209	46.580	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 93.160%			
62) 4-Bromofluorobenzene	10.001	95	348335	43.618	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 87.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	2074	0.334	ug/l	84
3) Chloromethane	1.230	50	2434	0.367	ug/l #	86
4) Vinyl Chloride	1.294	62	2635	0.341	ug/l #	67
5) Bromomethane	1.500	94	2389	0.615	ug/l	97
6) Chloroethane	1.558	64	1439m	0.307	ug/l	
7) Trichlorofluoromethane	1.725	101	3701	0.333	ug/l	95
8) Diethyl Ether	1.921	74	1308	0.310	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.085	101	2561	0.382	ug/l	99
10) Methyl Iodide	2.207	142	4257	0.864	ug/l	97
11) Tert butyl alcohol	2.577	59	2071m	1.723	ug/l	
12) 1,1-Dichloroethene	2.082	96	2743	0.428	ug/l #	73
13) Acrolein	2.011	56	1496	2.756	ug/l #	23
14) Allyl chloride	2.359	41	3619m	0.358	ug/l	
15) Acrylonitrile	2.719	53	4716m	1.315	ug/l	
16) Acetone	2.121	43	7939	1.877	ug/l	96
17) Carbon Disulfide	2.252	76	9427	0.529	ug/l	98
18) Methyl Acetate	2.410	43	2988m	0.356	ug/l	
19) Methyl tert-butyl Ether	2.719	73	5173m	0.274	ug/l	
20) Methylene Chloride	2.465	84	5115	0.740	ug/l #	92
21) trans-1,2-Dichloroethene	2.712	96	2306	0.359	ug/l	95
22) Diisopropyl ether	3.227	45	4665m	0.254	ug/l	
23) Vinyl Acetate	3.268	43	17989m	1.181	ug/l	
24) 1,1-Dichloroethane	3.124	63	4047m	0.352	ug/l	
25) 2-Butanone	4.008	43	5722m	1.235	ug/l	
26) 2,2-Dichloropropane	3.815	77	3118m	0.315	ug/l	
27) cis-1,2-Dichloroethene	3.850	96	2262m	0.317	ug/l	
28) Bromochloromethane	4.185	49	1462m	0.469	ug/l	
29) Tetrahydrofuran	4.301	42	4563m	1.558	ug/l	
30) Chloroform	4.294	83	4163m	0.348	ug/l	
31) Cyclohexane	4.590	56	12274	1.205	ug/l #	2
32) 1,1,1-Trichloroethane	4.513	97	3366m	0.319	ug/l	
36) 1,1-Dichloropropene	4.764	75	3183m	0.385	ug/l	
37) Ethyl Acetate	4.008	43	4207m	0.433	ug/l	
38) Carbon Tetrachloride	4.731	117	4934m	0.498	ug/l	
39) Methylcyclohexane	6.043	83	3917m	0.369	ug/l	
40) Benzene	5.034	78	8248m	0.312	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.272	41	649m	0.208	ug/l	
42) 1,2-Dichloroethane	5.085	62	2874m	0.312	ug/l	
43) Isopropyl Acetate	5.278	43	4623m	0.335	ug/l	
44) Trichloroethene	5.854	130	2171	0.327	ug/l	99
45) 1,2-Dichloropropane	6.120	63	1688m	0.251	ug/l	
46) Dibromomethane	6.268	93	1201m	0.236	ug/l	
47) Bromodichloromethane	6.448	83	2886	0.275	ug/l #	98
48) Methyl methacrylate	6.313	41	749m	0.111	ug/l	
49) 1,4-Dioxane	6.278	88	47	0.412	ug/l #	1
51) 4-Methyl-2-Pentanone	7.165	43	14255m	1.467	ug/l	
52) Toluene	7.320	92	4968	0.295	ug/l	100
53) t-1,3-Dichloropropene	7.628	75	3081m	0.306	ug/l	
54) cis-1,3-Dichloropropene	6.992	75	2585	0.239	ug/l #	79
55) 1,1,2-Trichloroethane	7.789	97	2704m	0.384	ug/l	
56) Ethyl methacrylate	7.783	69	2407m	0.258	ug/l	
57) 1,3-Dichloropropane	7.960	76	2850	0.251	ug/l #	78
58) 2-Chloroethyl Vinyl ether	6.902	63	3434m	0.735	ug/l	
59) 2-Hexanone	8.136	43	13743m	1.906	ug/l	
60) Dibromochloromethane	8.181	129	2704	0.332	ug/l	87
61) 1,2-Dibromoethane	8.291	107	2433m	0.335	ug/l	
64) Tetrachloroethene	7.899	164	1912	0.339	ug/l #	73
65) Chlorobenzene	8.812	112	6444	0.339	ug/l	93
66) 1,1,1,2-Tetrachloroethane	8.902	131	1707	0.258	ug/l #	57
67) Ethyl Benzene	8.956	91	8173	0.272	ug/l #	85
68) m/p-Xylenes	9.085	106	5346	0.463	ug/l	83
69) o-Xylene	9.487	106	2478	0.234	ug/l	98
70) Styrene	9.548	104	4049m	0.217	ug/l	
71) Bromoform	9.664	173	1785	0.333	ug/l #	99
73) Isopropylbenzene	9.866	105	6677	0.261	ug/l	94
74) N-amyl acetate	9.773	43	2729m	0.259	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.181	83	3645	0.361	ug/l	90
76) 1,2,3-Trichloropropane	10.204	75	1408m	0.196	ug/l	
77) Bromobenzene	10.159	156	2139	0.337	ug/l	95
78) n-propylbenzene	10.294	91	8957	0.296	ug/l	97
79) 2-Chlorotoluene	10.365	91	5612	0.301	ug/l	98
80) 1,3,5-Trimethylbenzene	10.474	105	5616	0.267	ug/l	92
81) trans-1,4-Dichloro-2-b...	9.947	75	830m	0.254	ug/l	
82) 4-Chlorotoluene	10.490	91	5355	0.252	ug/l	85
83) tert-Butylbenzene	10.796	119	5406	0.253	ug/l	85
84) 1,2,4-Trimethylbenzene	10.857	105	5213	0.253	ug/l	89
85) sec-Butylbenzene	11.017	105	7457	0.265	ug/l	96
86) p-Isopropyltoluene	11.175	119	6669	0.284	ug/l #	77
87) 1,3-Dichlorobenzene	11.123	146	4848	0.382	ug/l	96
88) 1,4-Dichlorobenzene	11.197	146	5439m	0.398	ug/l	
89) n-Butylbenzene	11.596	91	6277	0.277	ug/l	86
90) Hexachloroethane	11.824	117	1808	0.345	ug/l	67
91) 1,2-Dichlorobenzene	11.590	146	3966m	0.322	ug/l	
92) 1,2-Dibromo-3-Chloropr...	12.368	75	840m	0.383	ug/l	
93) 1,2,4-Trichlorobenzene	13.207	180	2605	0.365	ug/l	74
94) Hexachlorobutadiene	13.368	225	1191	0.357	ug/l	87
95) Naphthalene	13.458	128	6850	0.277	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.686	180	2263	0.313	ug/l	78

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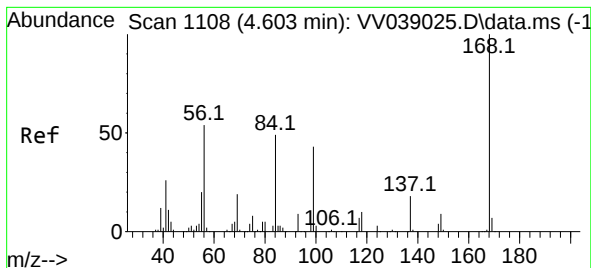
Manual Integrations
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QLast Update : Tue Aug 26 03:46:33 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 1106

Delta R.T. -0.007 min

Lab File: VV039032.D

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Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:168 Resp: 464350

Ion Ratio Lower Upper

168 100

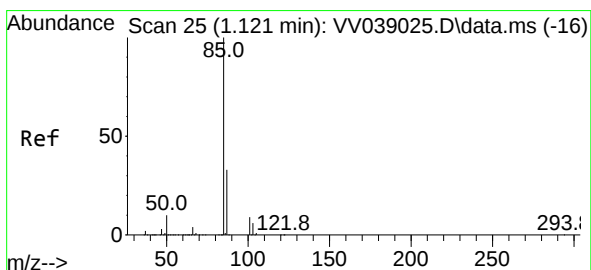
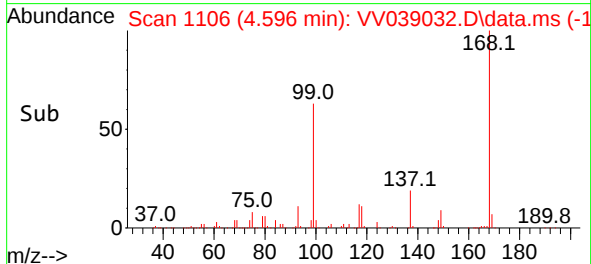
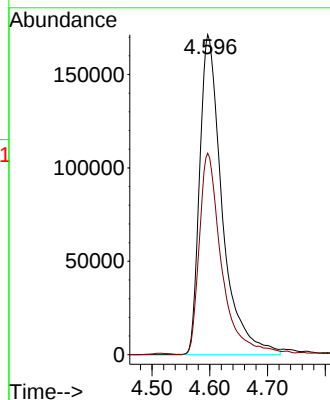
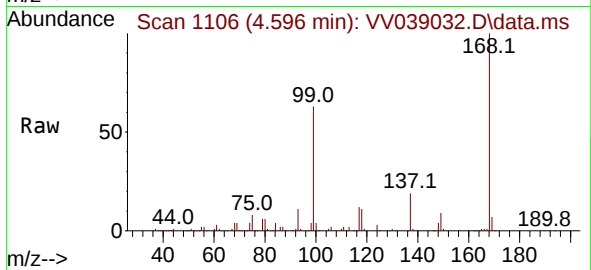
99 62.9 47.8 71.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 0.334 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039032.D

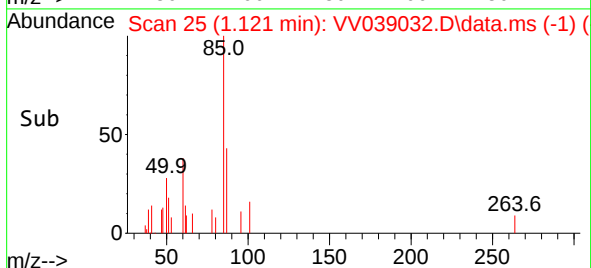
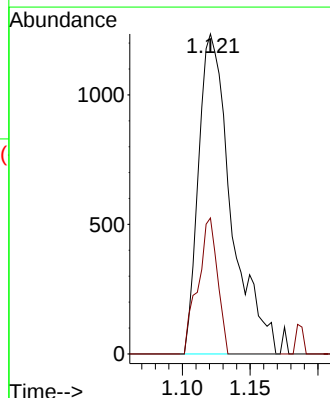
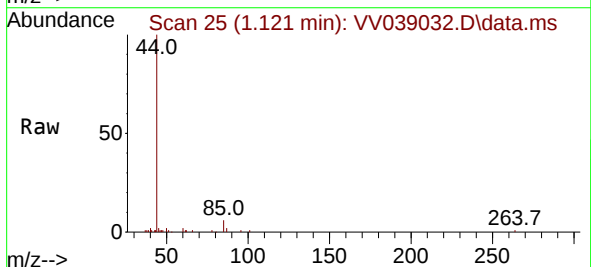
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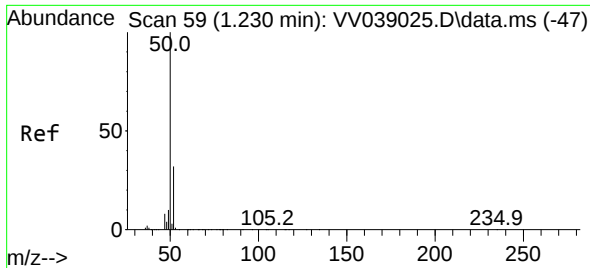
Tgt Ion: 85 Resp: 2074

Ion Ratio Lower Upper

85 100

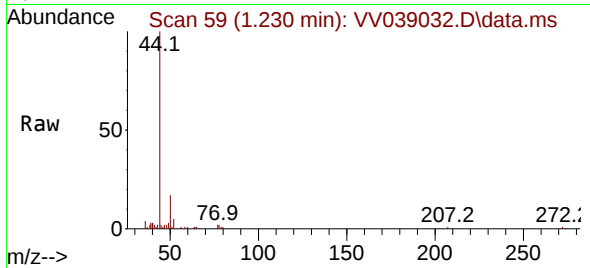
87 42.5 16.6 49.8





#3
Chloromethane
Concen: 0.367 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

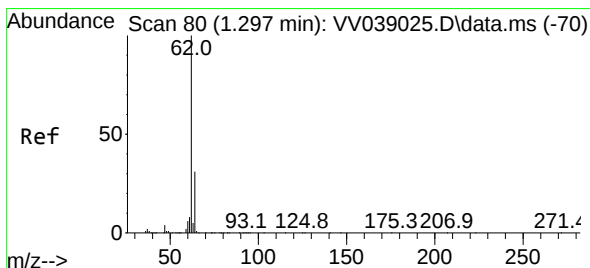
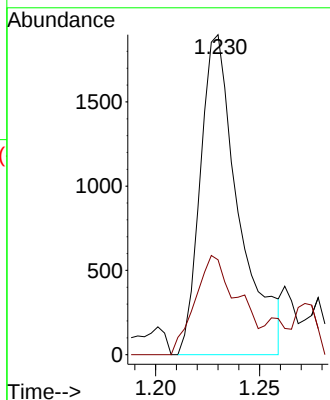
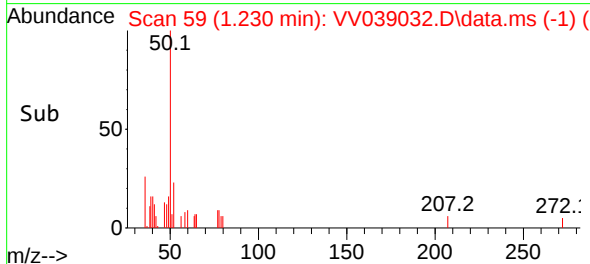
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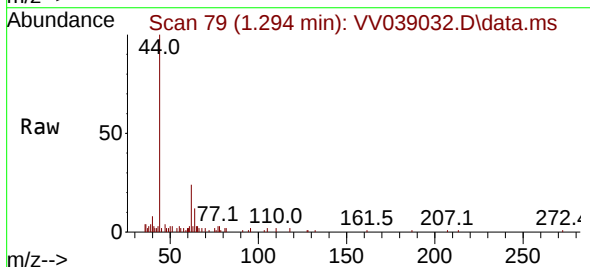
Tgt Ion: 50 Resp: 2434
Ion Ratio Lower Upper
50 100
52 24.2 25.6 38.4

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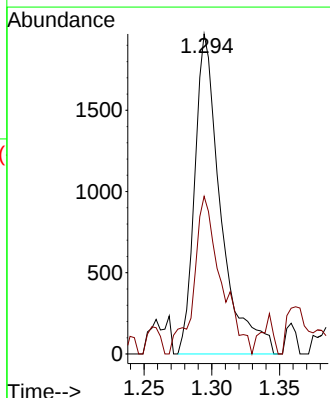
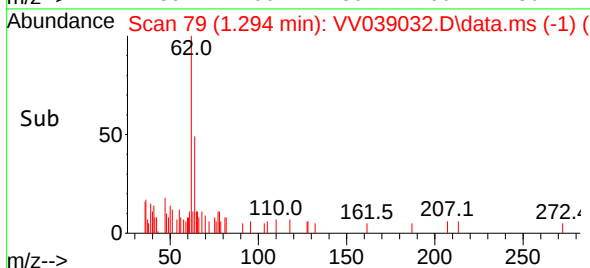
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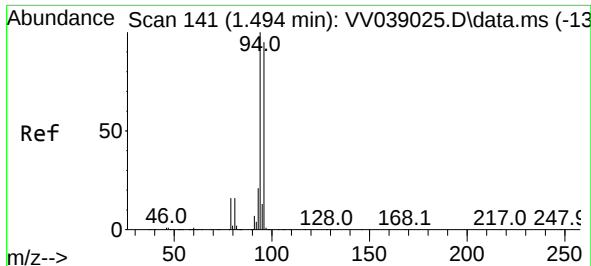


#4
Vinyl Chloride
Concen: 0.341 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10



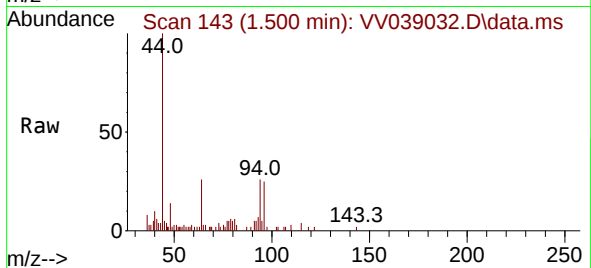
Tgt Ion: 62 Resp: 2635
Ion Ratio Lower Upper
62 100
64 49.2 24.7 37.1





#5
Bromomethane
Concen: 0.615 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.006 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

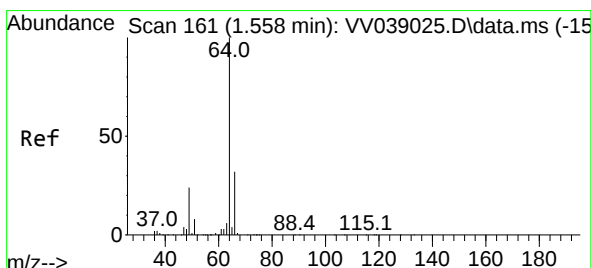
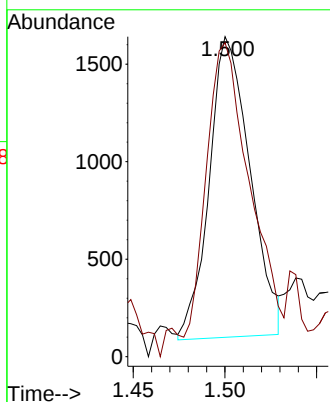
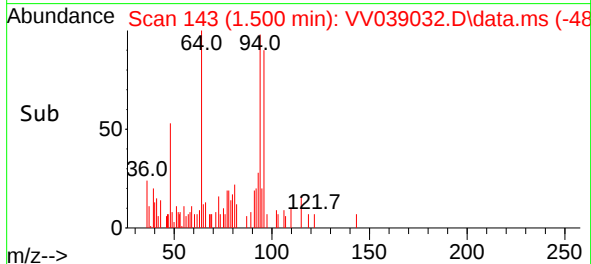
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Tgt Ion: 94 Resp: 2389
Ion Ratio Lower Upper
94 100
96 98.2 76.2 114.2

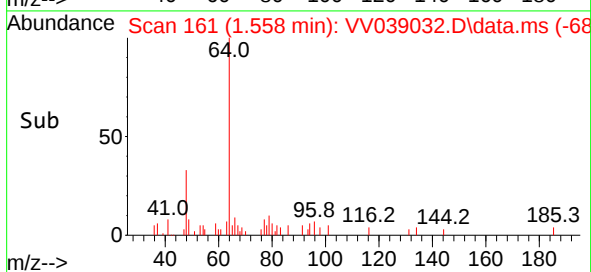
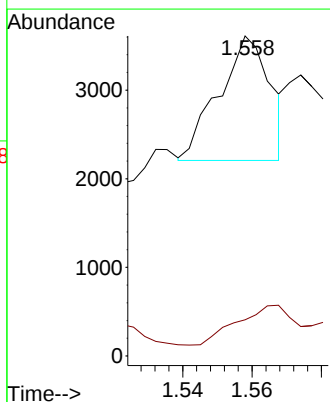
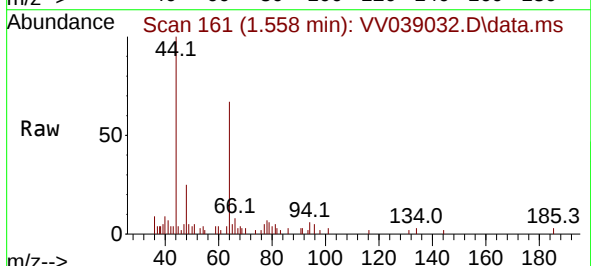
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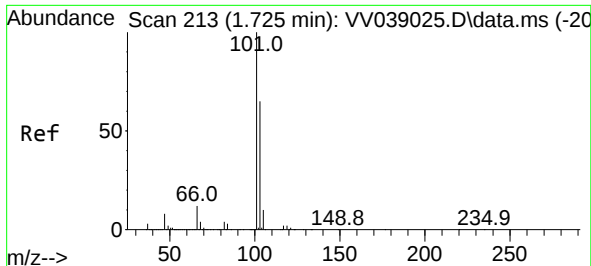
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#6
Chloroethane
Concen: 0.307 ug/l m
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039032.D
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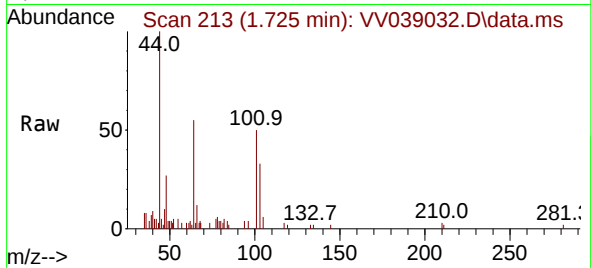
Tgt Ion: 64 Resp: 1439
Ion Ratio Lower Upper
64 100
66 11.3 25.4 38.2#





#7
 Trichlorofluoromethane
 Concen: 0.333 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039032.D
 Acq: 25 Aug 2025 15:10

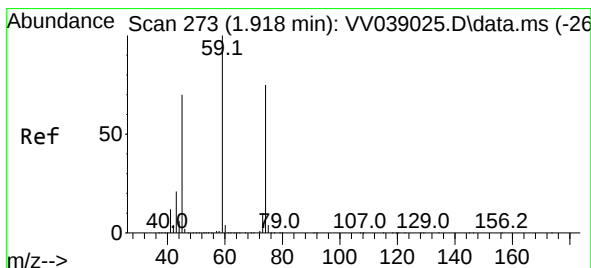
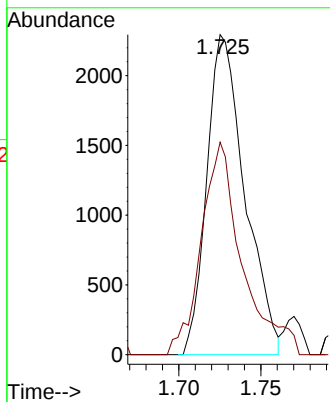
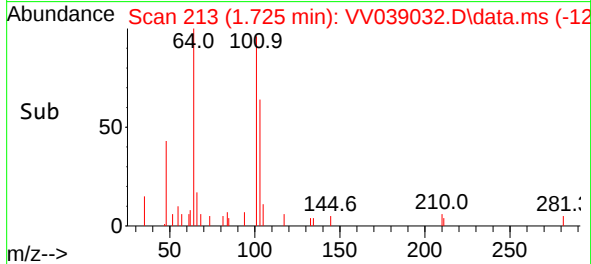
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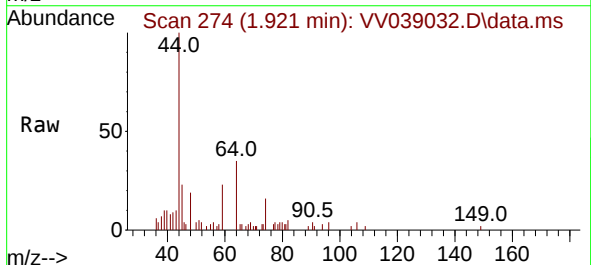
Tgt Ion: 101 Resp: 370
 Ion Ratio Lower Upper
 101 100
 103 61.0 51.7 77.5

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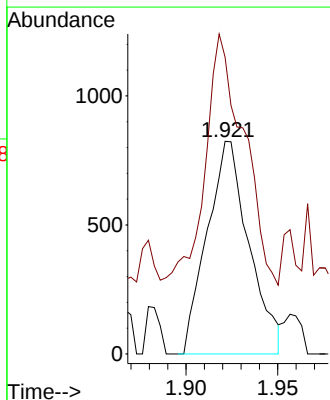
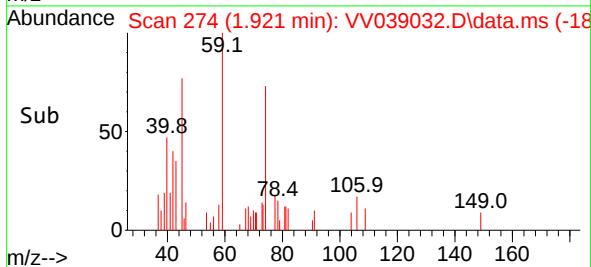
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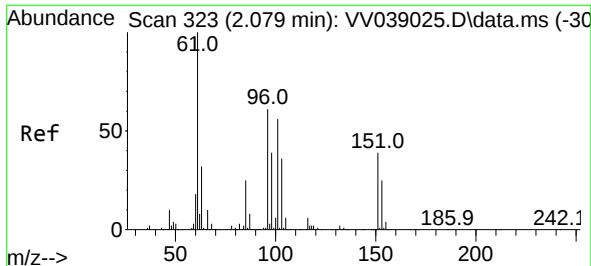


#8
 Diethyl Ether
 Concen: 0.310 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.003 min
 Lab File: VV039032.D
 Acq: 25 Aug 2025 15:10



Tgt Ion: 74 Resp: 1308
 Ion Ratio Lower Upper
 74 100
 45 113.8 48.1 144.4





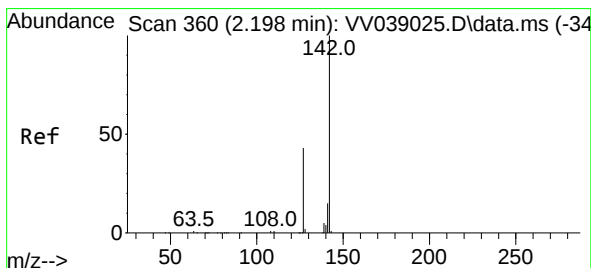
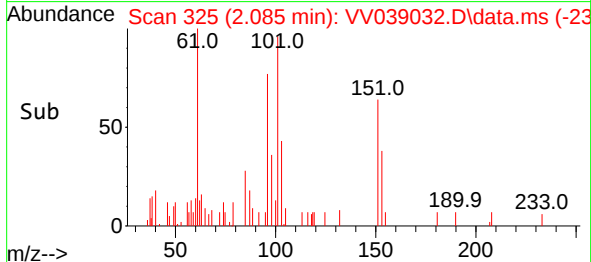
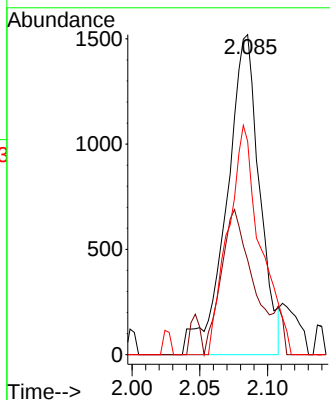
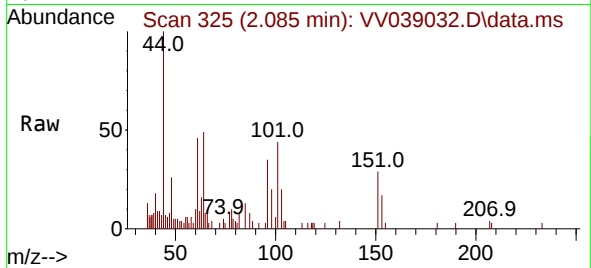
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.382 ug/l
RT: 2.085 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

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

Tgt Ion:101 Resp: 256
Ion Ratio Lower Upper
101 100
85 42.7 35.5 53.3
151 70.7 56.1 84.1

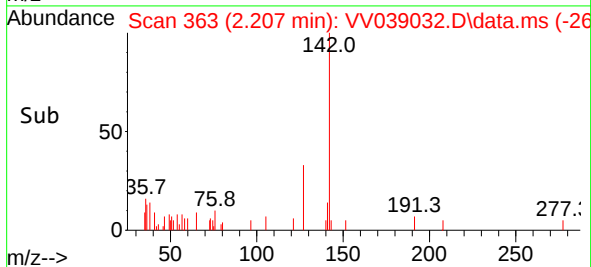
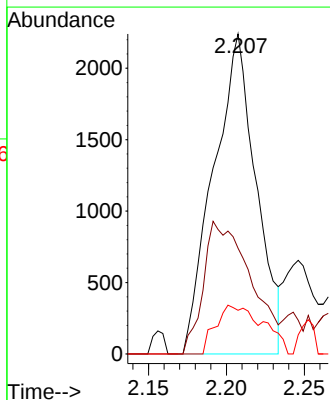
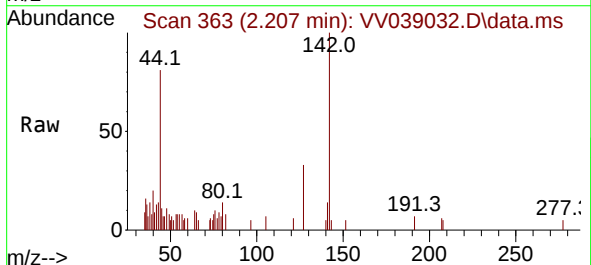
Manual Integrations
APPROVED

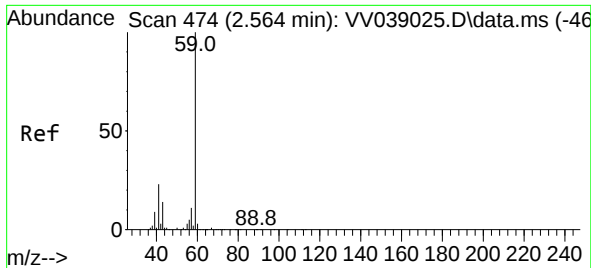
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#10
Methyl Iodide
Concen: 0.864 ug/l
RT: 2.207 min Scan# 363
Delta R.T. 0.009 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

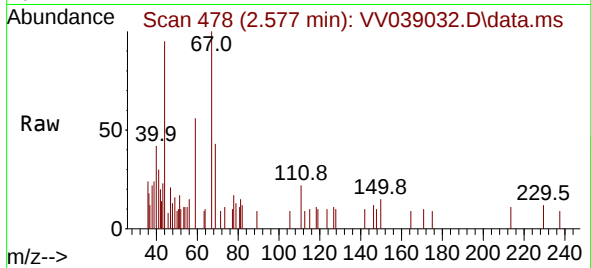
Tgt Ion:142 Resp: 4257
Ion Ratio Lower Upper
142 100
127 45.9 35.7 53.5
141 16.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 1.723 ug/l m
RT: 2.577 min Scan# 474
Delta R.T. 0.013 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

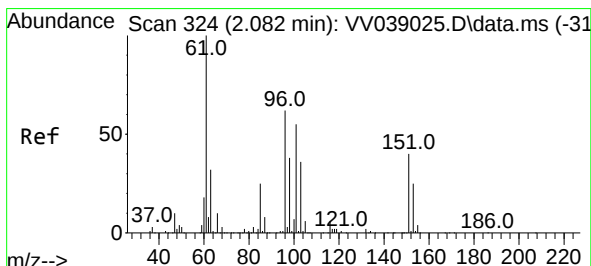
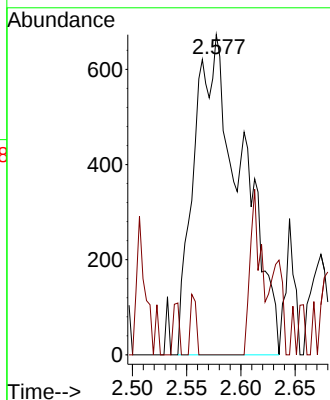
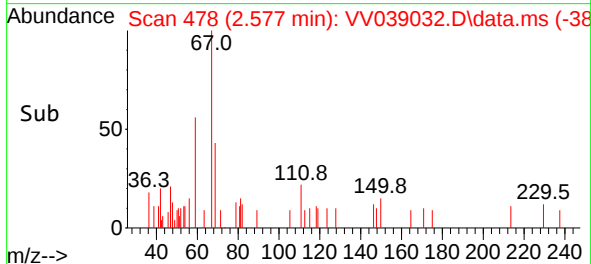
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



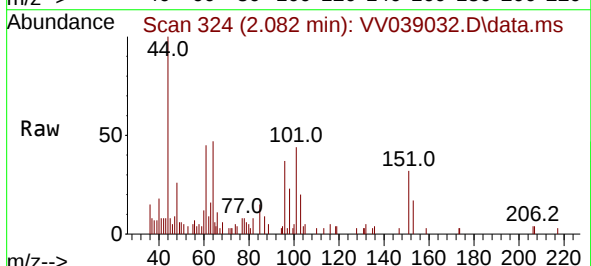
Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 2.2 8.2 12.2

Manual Integrations
APPROVED

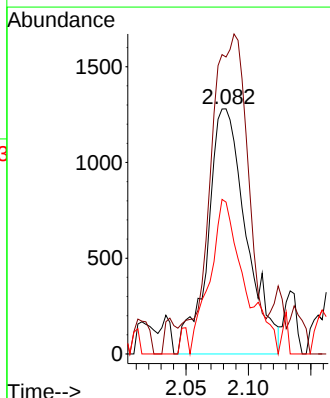
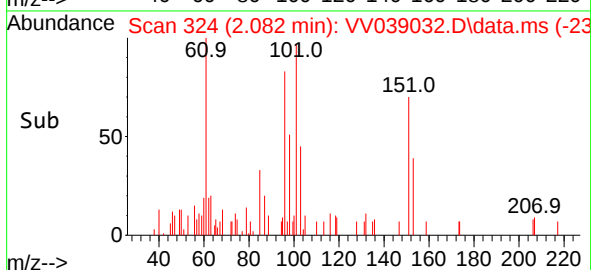
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

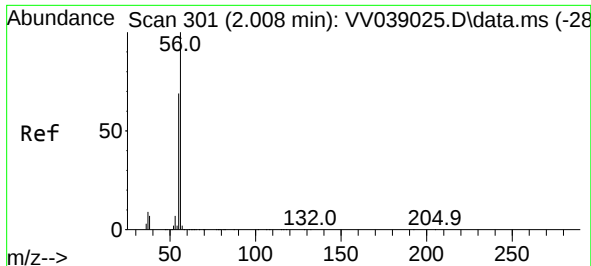


#12
1,1-Dichloroethene
Concen: 0.428 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10



Tgt Ion: 96 Resp: 2743
Ion Ratio Lower Upper
96 100
61 110.6 128.2 192.2#
98 62.0 49.3 73.9





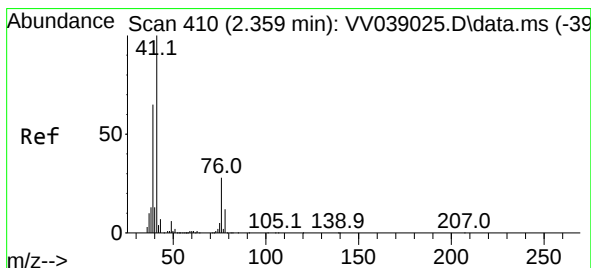
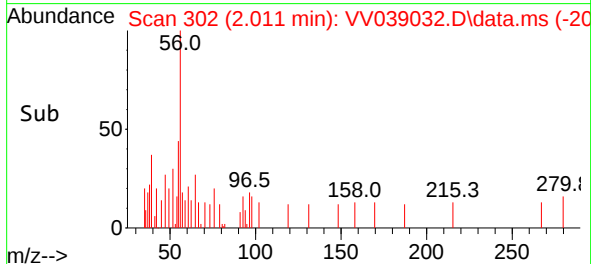
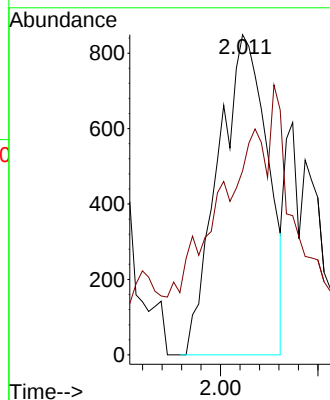
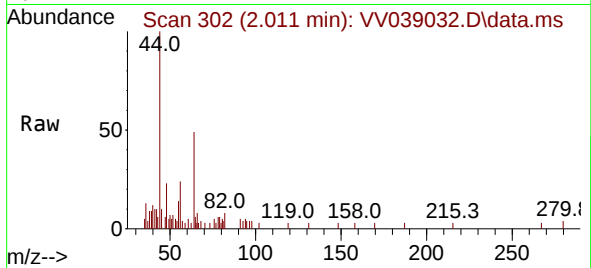
#13
Acrolein
Concen: 2.756 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

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

Tgt Ion: 56 Resp: 1490
Ion Ratio Lower Upper
56 100
55 6.1 54.7 82.1

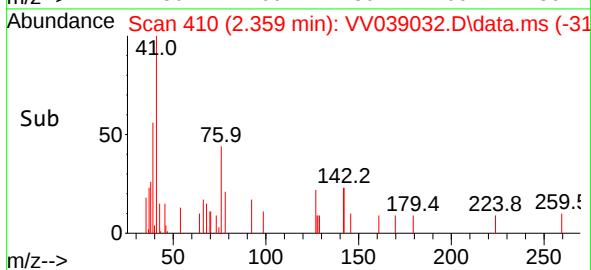
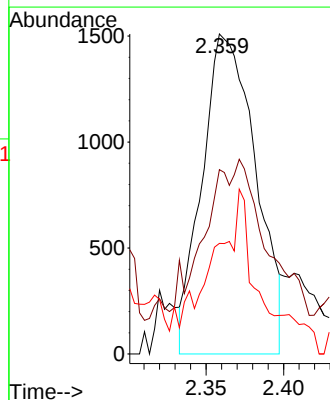
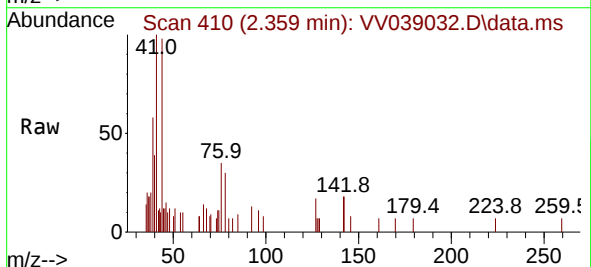
Manual Integrations
APPROVED

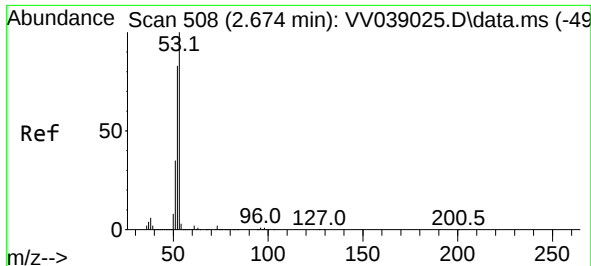
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#14
Allyl chloride
Concen: 0.358 ug/l m
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

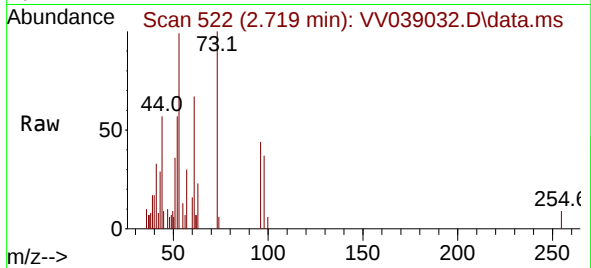
Tgt Ion: 41 Resp: 3619
Ion Ratio Lower Upper
41 100
39 22.9 48.5 72.7#
76 41.9 29.0 43.6





#15
Acrylonitrile
Concen: 1.315 ug/l m
RT: 2.719 min Scan# 51
Delta R.T. 0.045 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

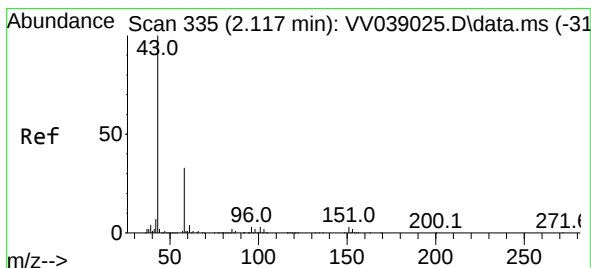
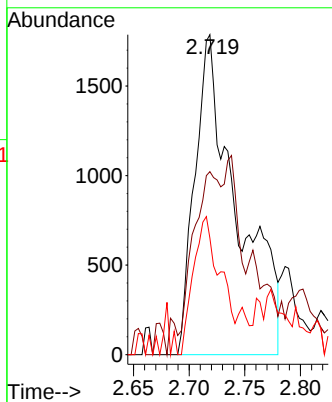
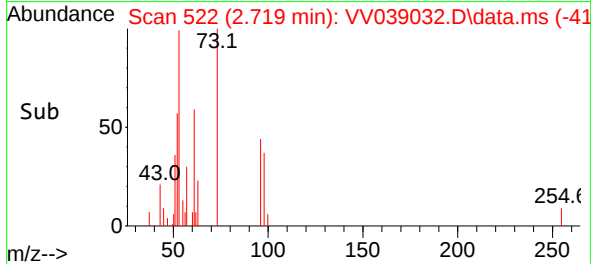
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



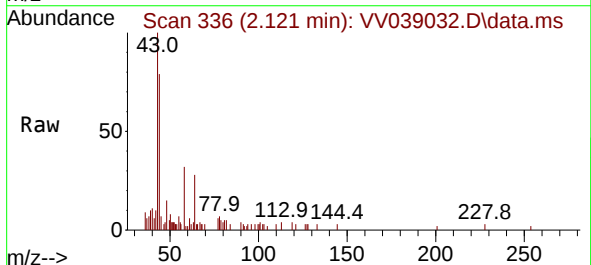
Tgt Ion: 53 Resp: 4710
Ion Ratio Lower Upper
53 100
52 1.0 65.9 98.9
51 3.5 27.9 41.9

Manual Integrations
APPROVED

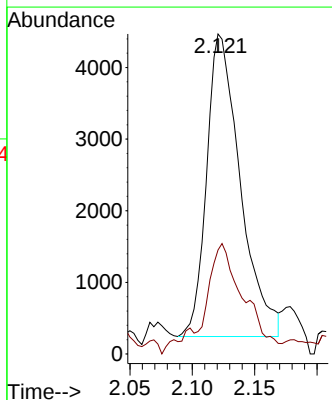
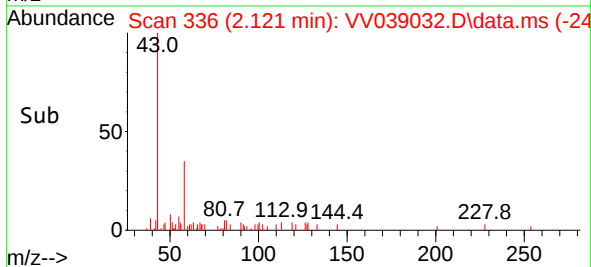
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

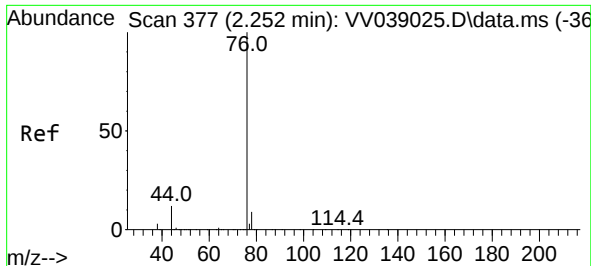


#16
Acetone
Concen: 1.877 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.004 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10



Tgt Ion: 43 Resp: 7939
Ion Ratio Lower Upper
43 100
58 30.9 26.6 40.0





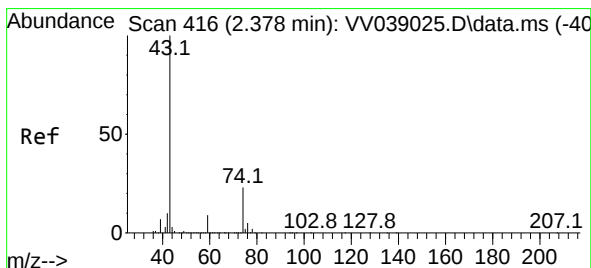
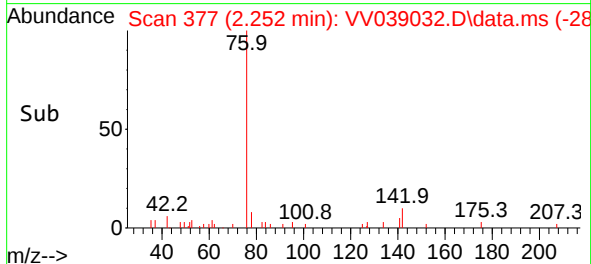
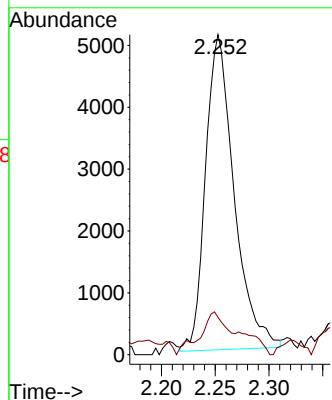
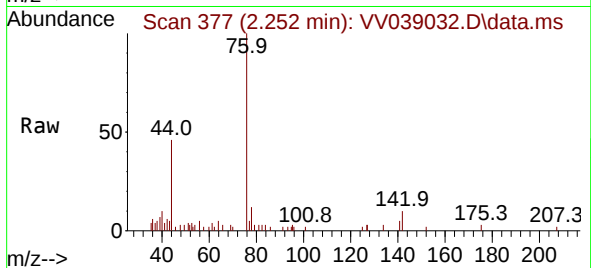
#17
Carbon Disulfide
Concen: 0.529 ug/l
RT: 2.252 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

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

Tgt Ion: 76 Resp: 942
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

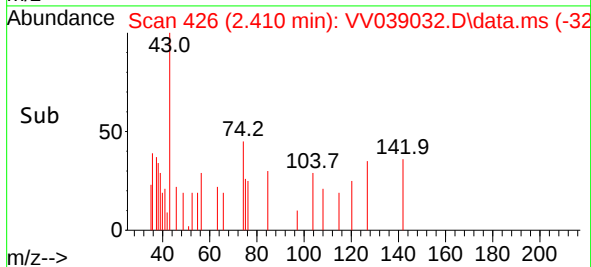
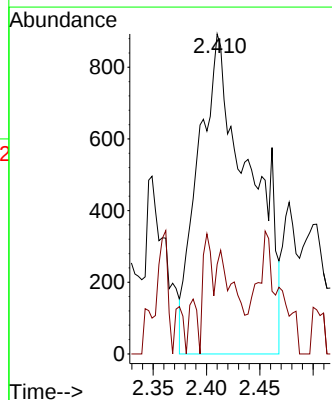
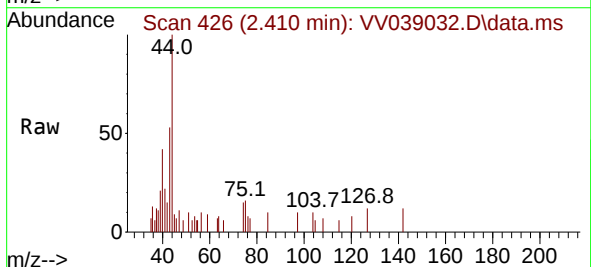
Manual Integrations
APPROVED

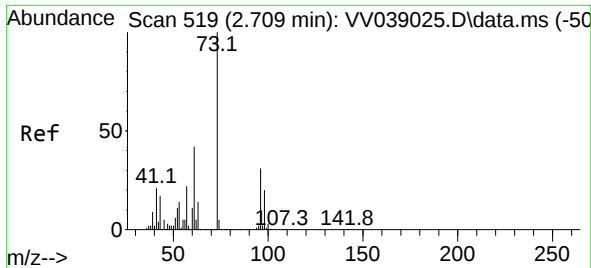
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#18
Methyl Acetate
Concen: 0.356 ug/l m
RT: 2.410 min Scan# 426
Delta R.T. 0.032 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

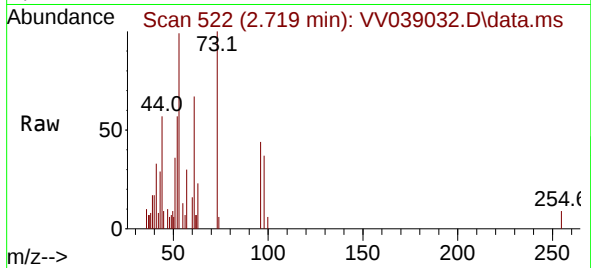
Tgt Ion: 43 Resp: 2988
Ion Ratio Lower Upper
43 100
74 9.6 18.9 28.3#





#19
Methyl tert-butyl Ether
Concen: 0.274 ug/l m
RT: 2.719 min Scan# 517
Delta R.T. 0.010 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

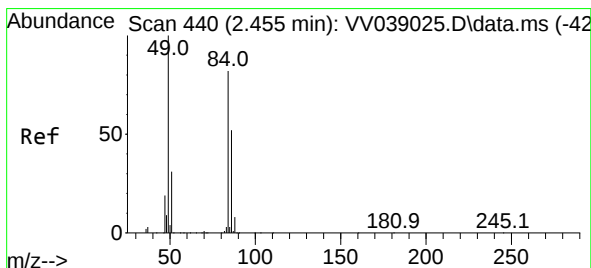
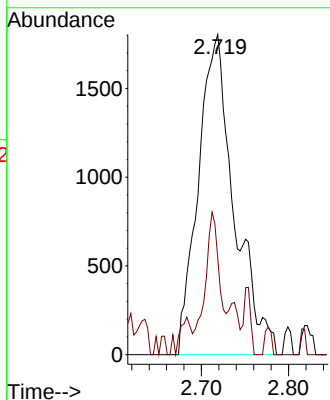
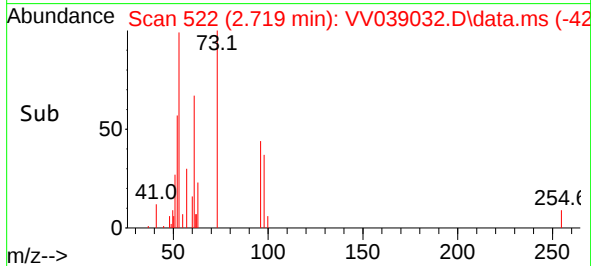
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 73 Resp: 517
Ion Ratio Lower Upper
73 100
57 30.3 17.9 26.9

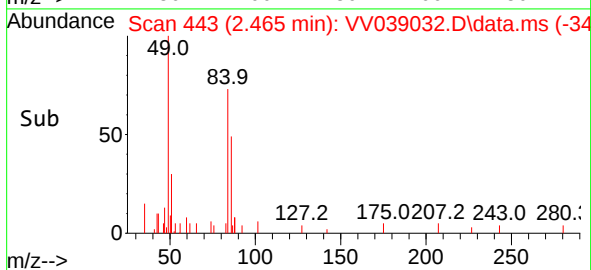
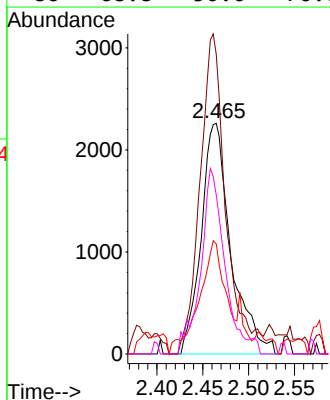
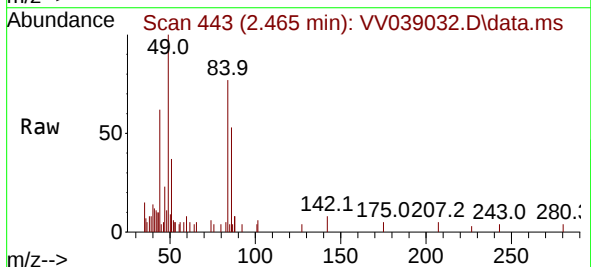
Manual Integrations
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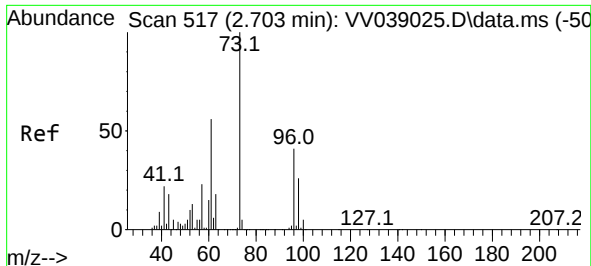
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#20
Methylene Chloride
Concen: 0.740 ug/l
RT: 2.465 min Scan# 443
Delta R.T. 0.010 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

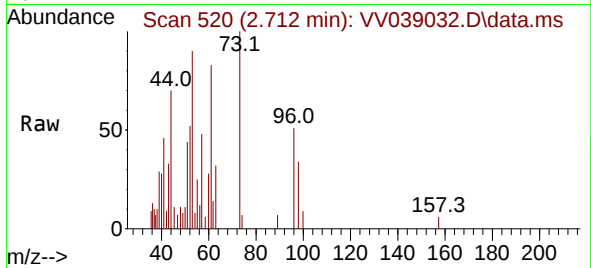
Tgt Ion: 84 Resp: 5115
Ion Ratio Lower Upper
84 100
49 129.8 97.8 146.8
51 47.6 30.3 45.5#
86 68.8 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 0.359 ug/l
RT: 2.712 min Scan# 517
Delta R.T. 0.010 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

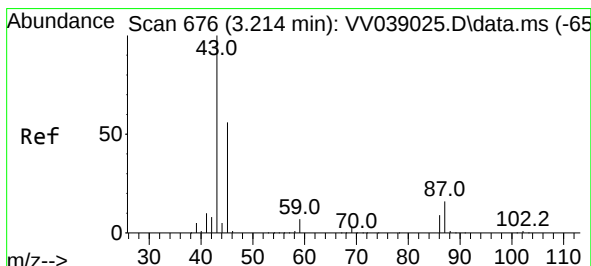
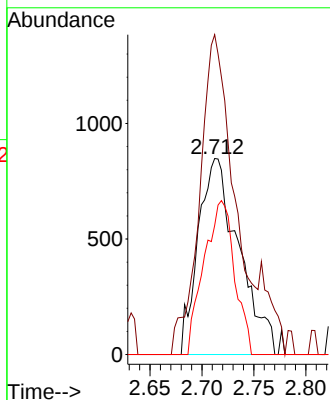
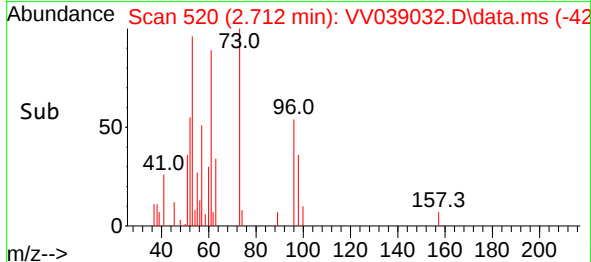
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



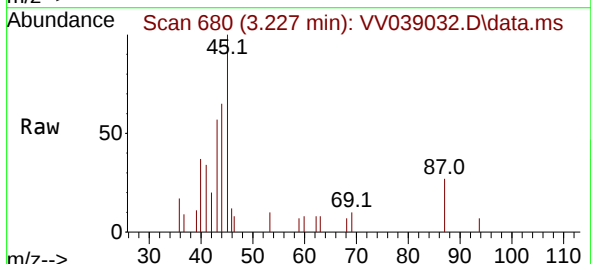
Tgt Ion: 96 Resp: 2300
Ion Ratio Lower Upper
96 100
61 144.5 110.1 165.1
98 65.9 50.2 75.4

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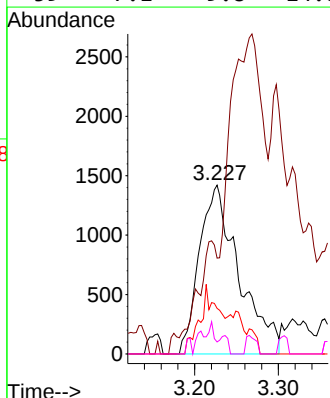
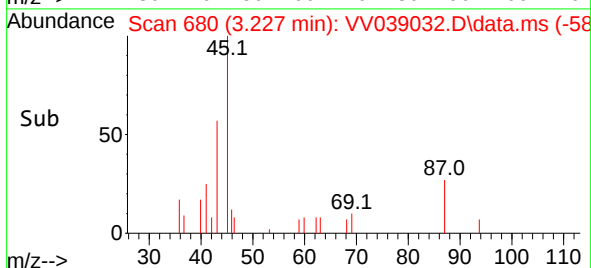
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

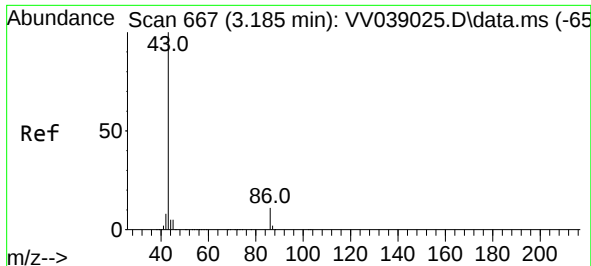


#22
Diisopropyl ether
Concen: 0.254 ug/l m
RT: 3.227 min Scan# 680
Delta R.T. 0.013 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10



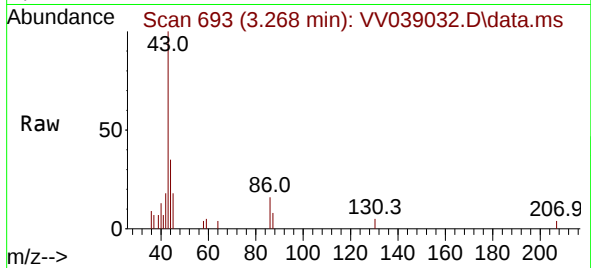
Tgt Ion: 45 Resp: 4665
Ion Ratio Lower Upper
45 100
43 56.8 143.0 214.4#
87 27.0 23.8 35.6
59 7.1 9.8 14.8#





#23
 Vinyl Acetate
 Concen: 1.181 ug/l m
 RT: 3.268 min Scan# 693
 Delta R.T. 0.084 min
 Lab File: VV039032.D
 Acq: 25 Aug 2025 15:10

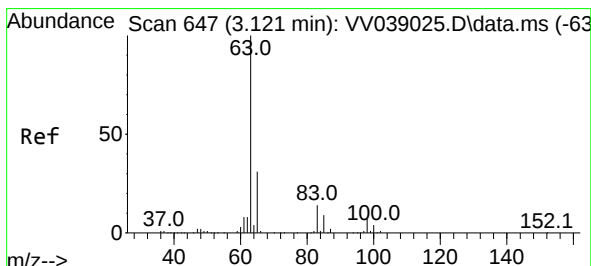
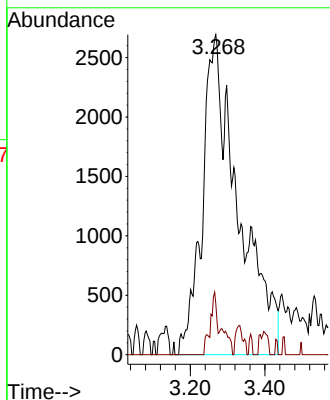
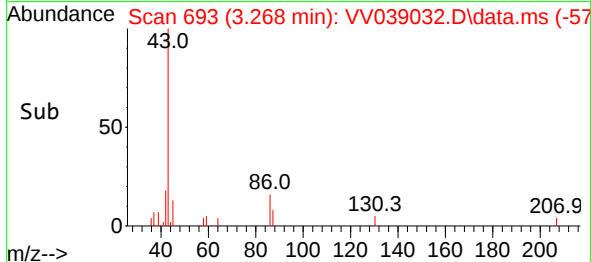
Instrument : MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025



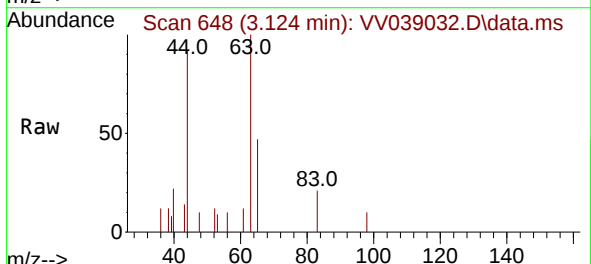
Tgt Ion: 43 Resp: 1798
 Ion Ratio Lower Upper
 43 100
 86 15.9 9.1 13.7

Manual Integrations
 APPROVED

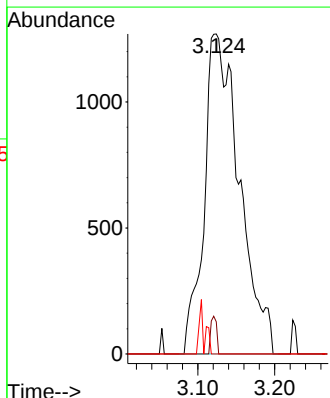
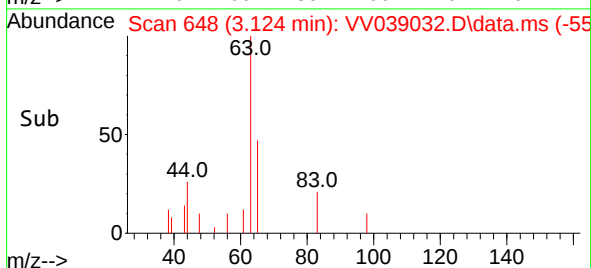
Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025

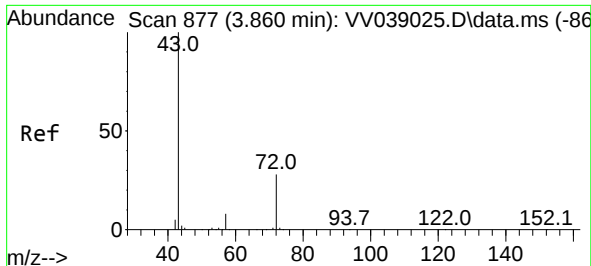


#24
 1,1-Dichloroethane
 Concen: 0.352 ug/l m
 RT: 3.124 min Scan# 648
 Delta R.T. 0.003 min
 Lab File: VV039032.D
 Acq: 25 Aug 2025 15:10



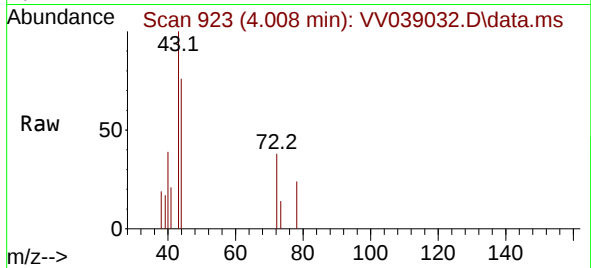
Tgt Ion: 63 Resp: 4047
 Ion Ratio Lower Upper
 63 100
 98 10.1 3.6 10.9
 100 0.0 2.2 6.6





#25
2-Butanone
Concen: 1.235 ug/l m
RT: 4.008 min Scan# 91
Delta R.T. 0.148 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

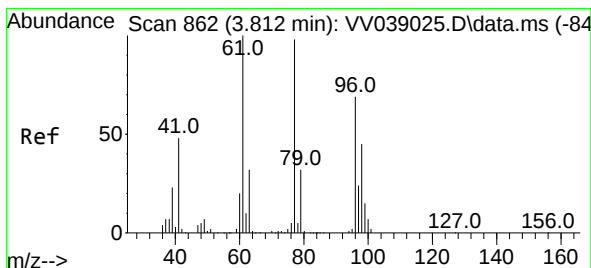
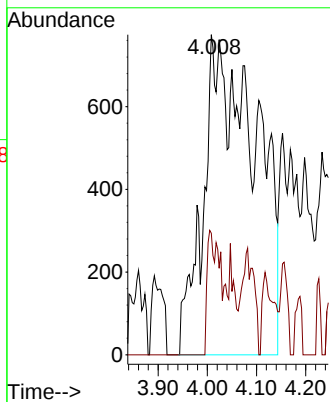
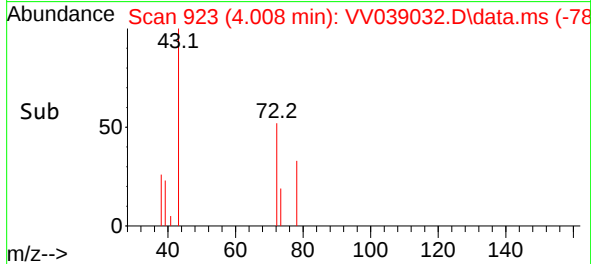
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
72 38.0 22.6 33.8

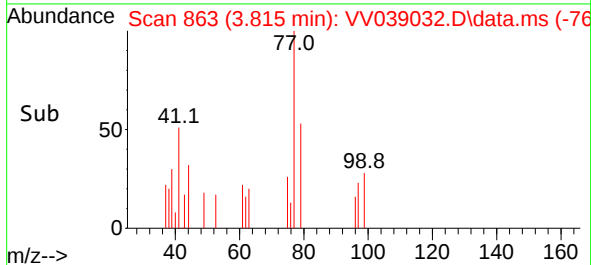
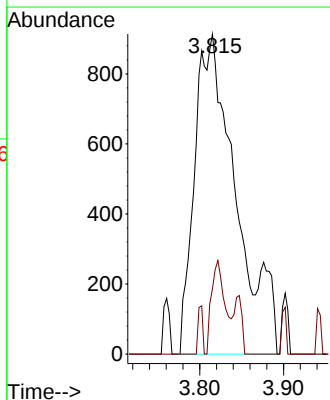
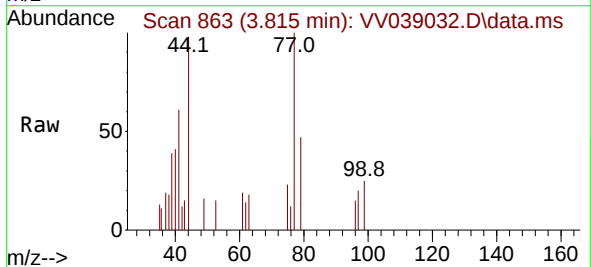
Manual Integrations
APPROVED

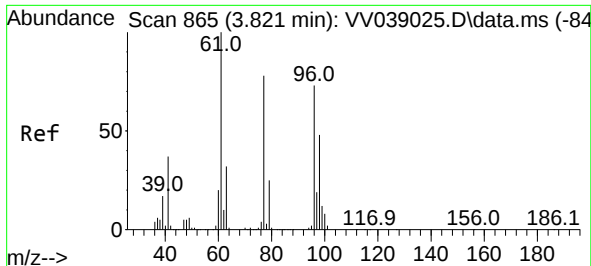
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#26
2,2-Dichloropropane
Concen: 0.315 ug/l m
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

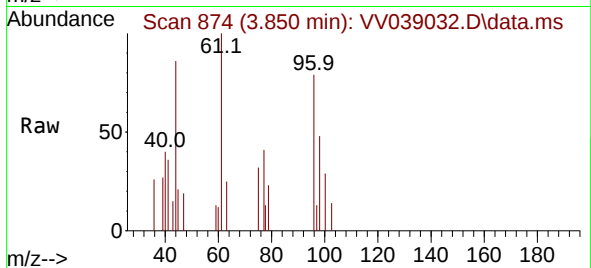
Tgt Ion: 77 Resp: 3118
Ion Ratio Lower Upper
77 100
97 1.7 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 0.317 ug/l m
RT: 3.850 min Scan# 81
Delta R.T. 0.029 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

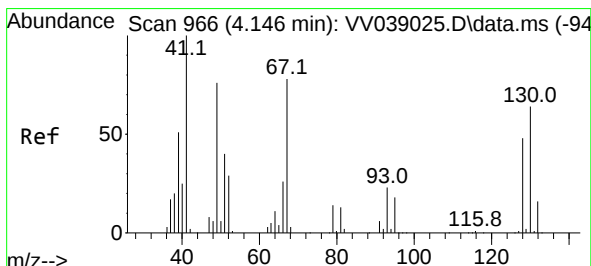
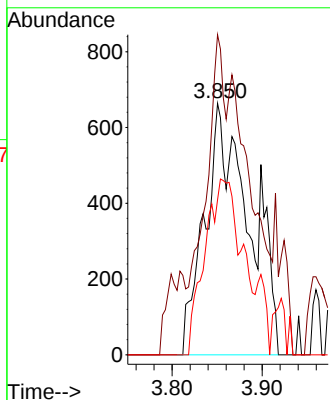
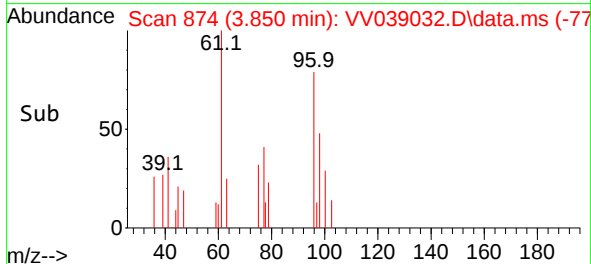
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 96 Resp: 226
Ion Ratio Lower Upper
96 100
61 0.0 0.0 280.8
98 0.0 0.0 130.2

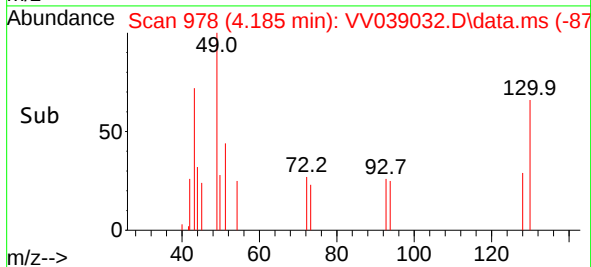
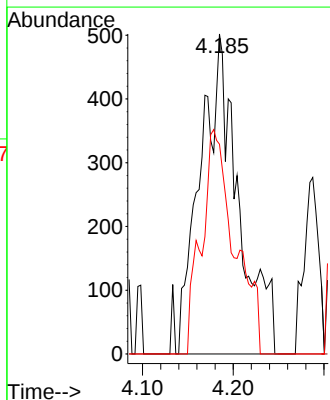
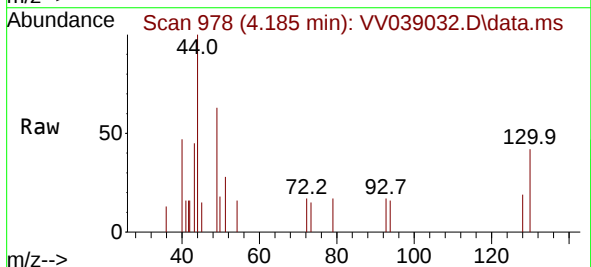
Manual Integrations
APPROVED

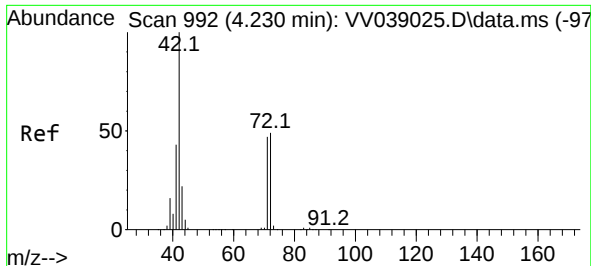
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#28
Bromochloromethane
Concen: 0.469 ug/l m
RT: 4.185 min Scan# 978
Delta R.T. 0.039 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 49 Resp: 1462
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 64.9 97.3#





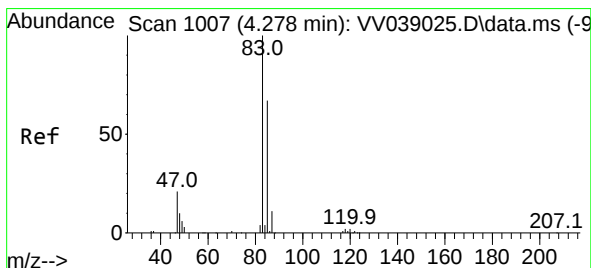
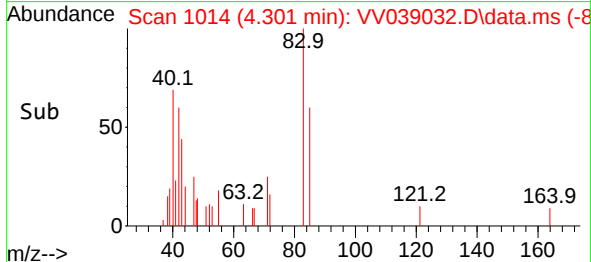
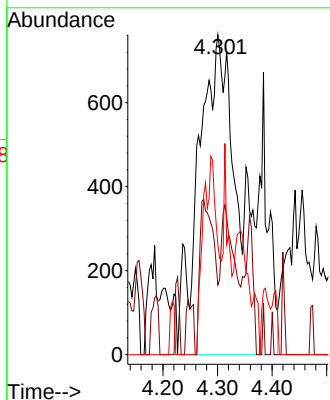
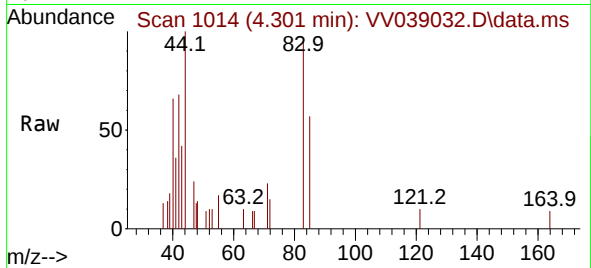
#29
Tetrahydrofuran
Concen: 1.558 ug/l m
RT: 4.301 min Scan# 1014
Delta R.T. 0.071 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

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

Tgt Ion: 42 Resp: 456
Ion Ratio Lower Upper
42 100
72 2.0 39.0 58.4
71 1.5 37.0 55.6

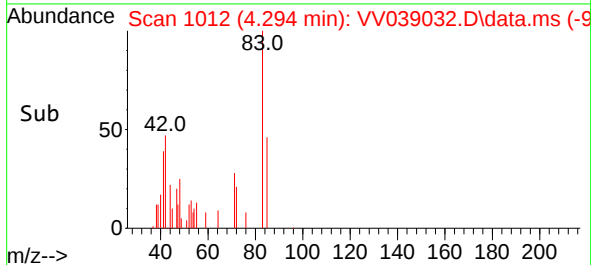
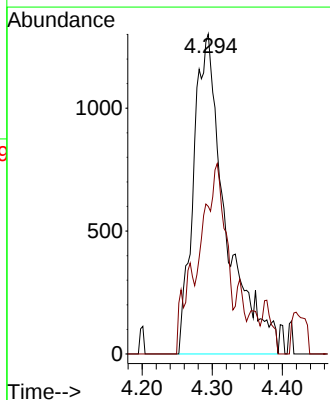
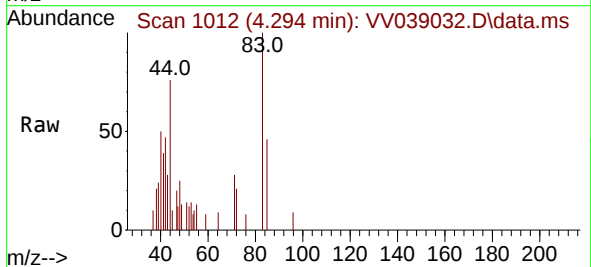
Manual Integrations
APPROVED

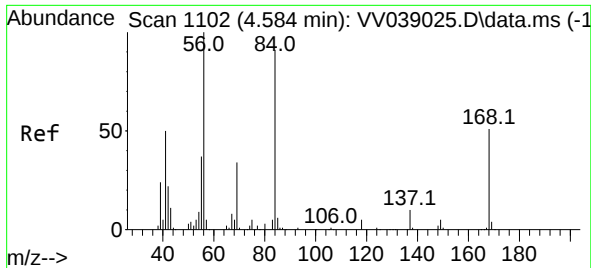
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#30
Chloroform
Concen: 0.348 ug/l m
RT: 4.294 min Scan# 1012
Delta R.T. 0.016 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

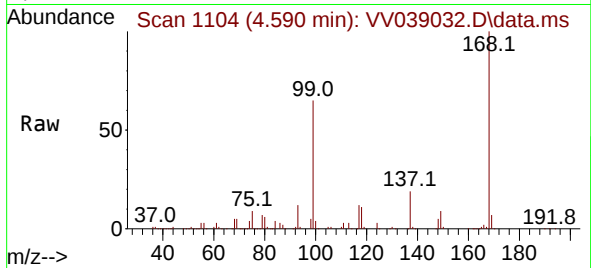
Tgt Ion: 83 Resp: 4163
Ion Ratio Lower Upper
83 100
85 46.1 53.2 79.8#





#31
Cyclohexane
Concen: 1.205 ug/l
RT: 4.590 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

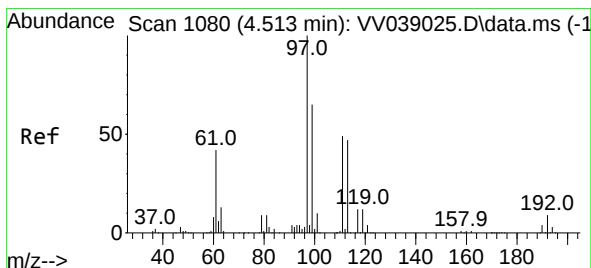
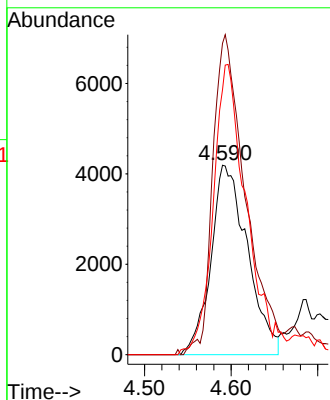
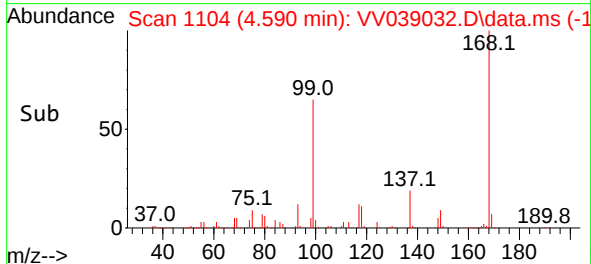
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 56 Resp: 12274
Ion Ratio Lower Upper
56 100
69 161.6 27.0 40.4
84 139.8 72.9 109.3

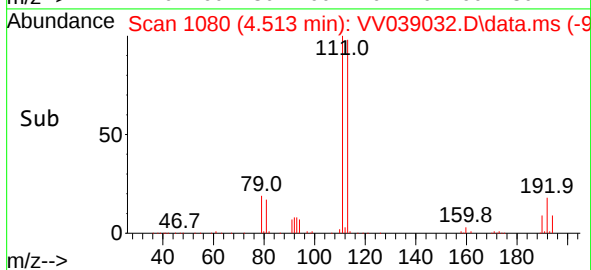
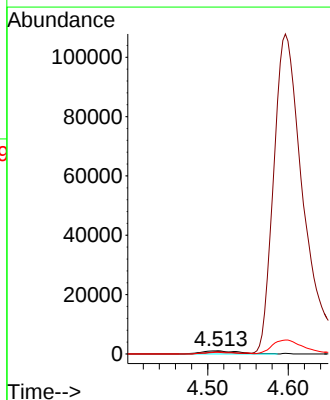
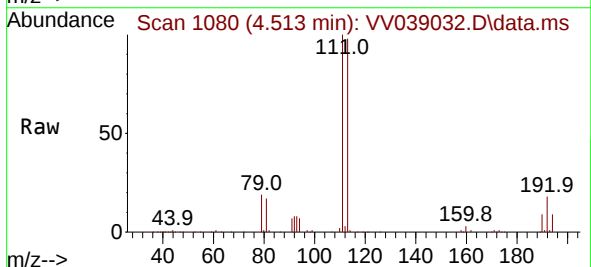
Manual Integrations
APPROVED

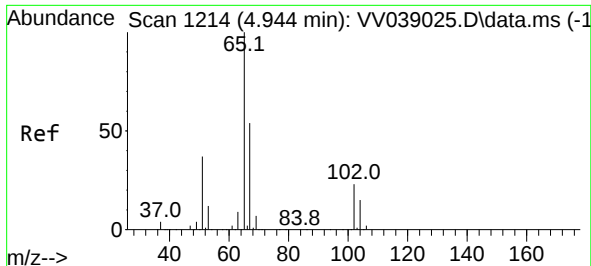
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#32
1,1,1-Trichloroethane
Concen: 0.319 ug/l m
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 97 Resp: 3366
Ion Ratio Lower Upper
97 100
99 0.0 49.8 74.6
61 36.9 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 55.582 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 65 Resp: 372260

Ion Ratio Lower Upper

65 100

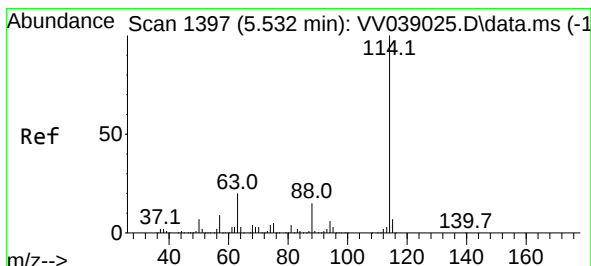
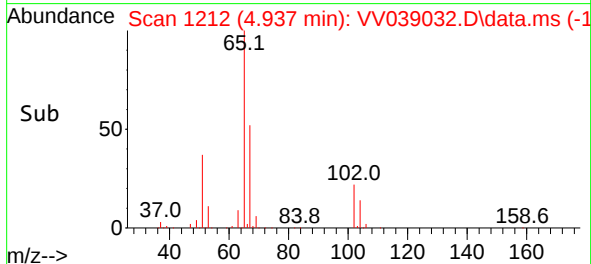
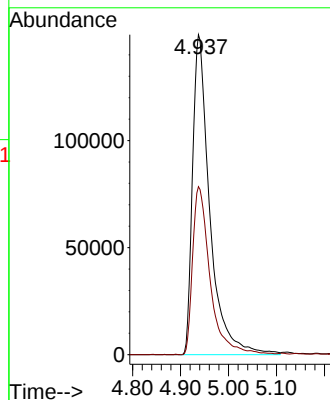
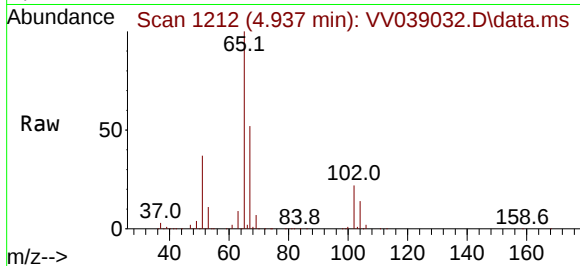
67 53.5 0.0 108.2

Manual Integrations

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: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

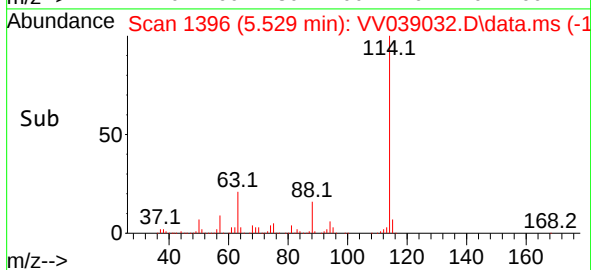
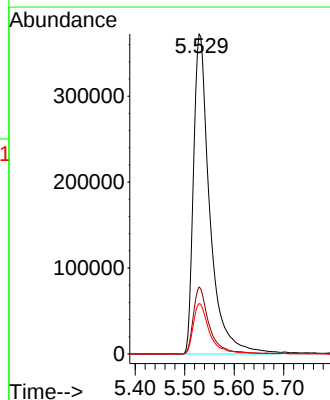
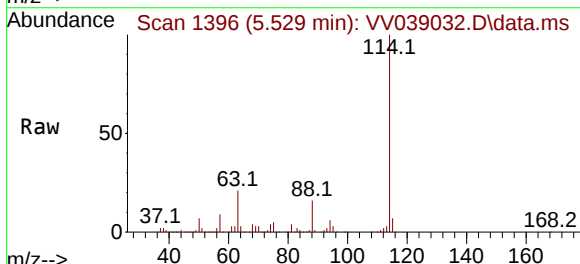
Tgt Ion:114 Resp: 854747

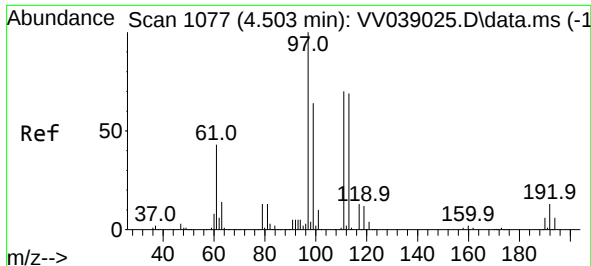
Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.4

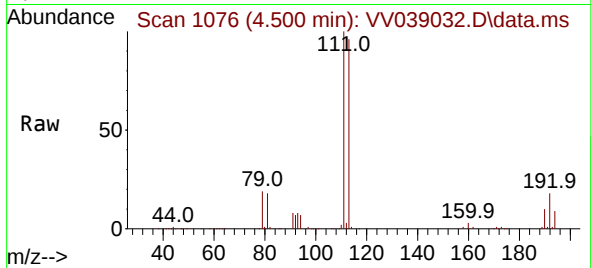
88 15.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.729 ug/l
RT: 4.500 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

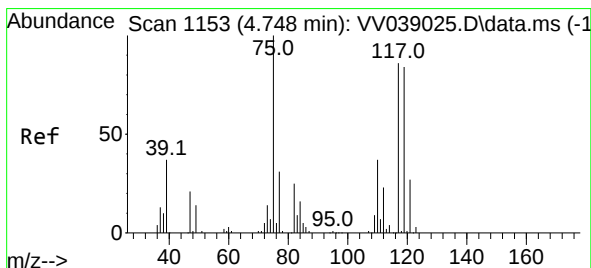
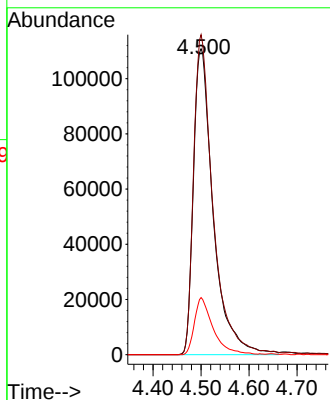
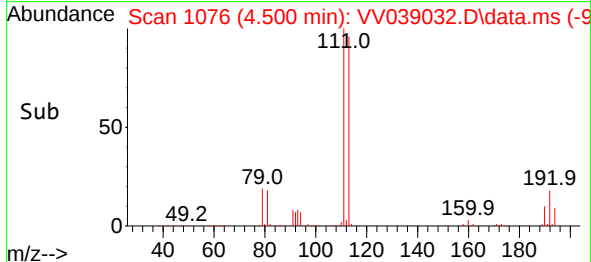
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 113 Resp: 318410
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 17.6 14.2 21.2

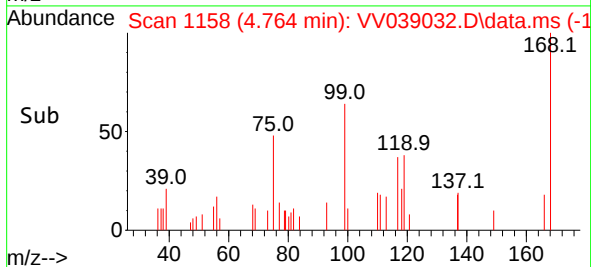
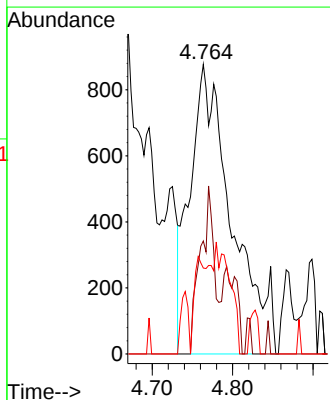
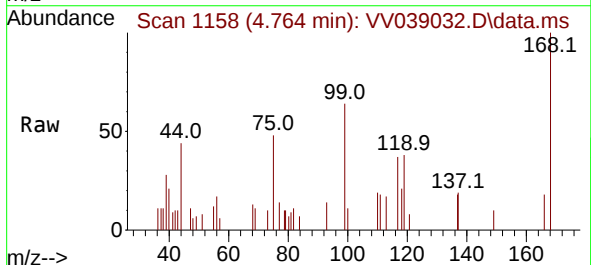
Manual Integrations
APPROVED

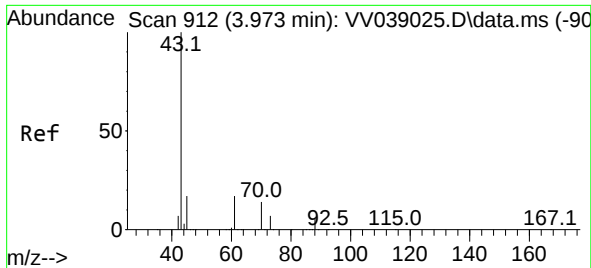
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#36
1,1-Dichloropropene
Concen: 0.385 ug/l m
RT: 4.764 min Scan# 1158
Delta R.T. 0.016 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 75 Resp: 3183
Ion Ratio Lower Upper
75 100
110 104.4 18.6 55.8#
77 3.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.433 ug/l m

RT: 4.008 min Scan# 91

Delta R.T. 0.035 min

Lab File: VV039032.D

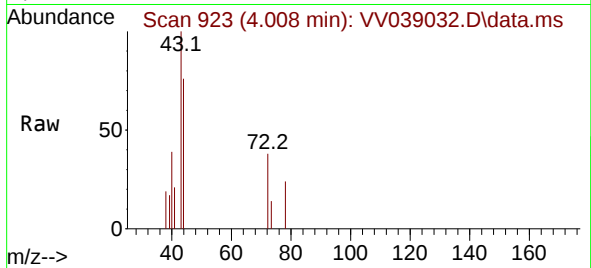
Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



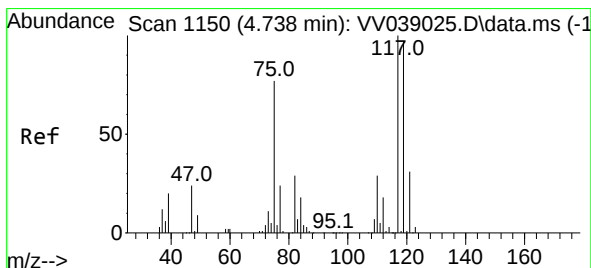
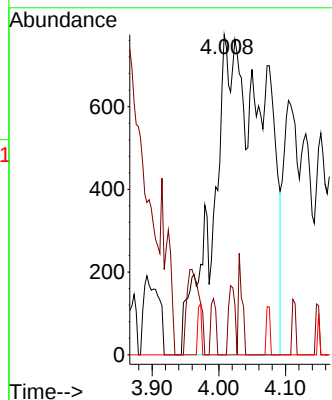
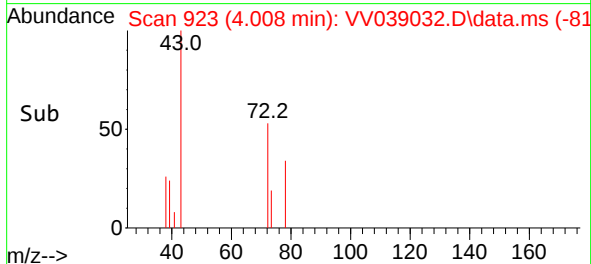
Tgt Ion: 43	Resp: 420
Ion Ratio	Lower Upper
43	100
61	6.5 10.6 16.0
70	0.0 8.6 13.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/27/2025

Supervised By :Semsettin Yesilyurt 08/27/2025



#38

Carbon Tetrachloride

Concen: 0.498 ug/l m

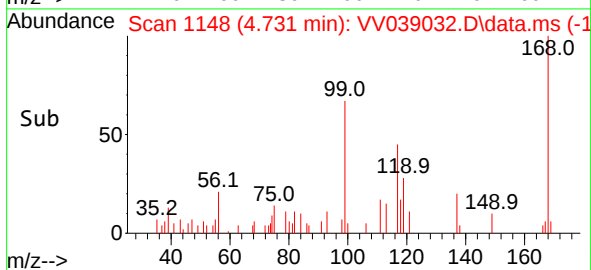
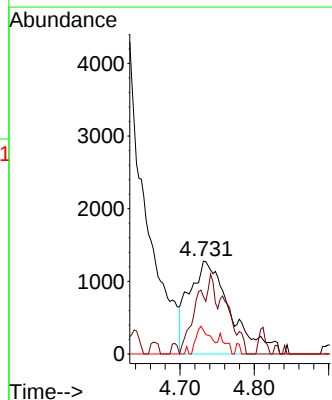
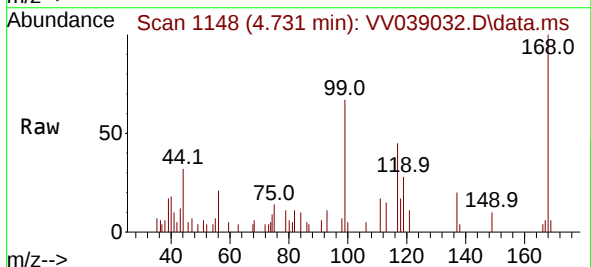
RT: 4.731 min Scan# 1148

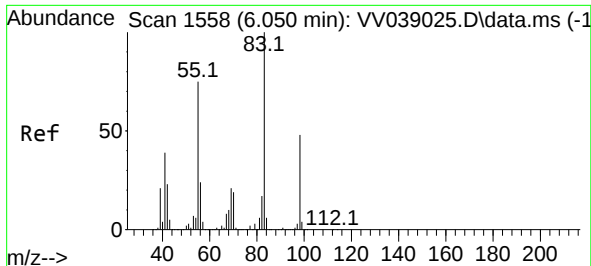
Delta R.T. -0.006 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Tgt Ion:117	Resp: 4934
Ion Ratio	Lower Upper
117	100
119	61.8 77.8 116.6
121	25.4 24.9 37.3





#39

Methylcyclohexane

Concen: 0.369 ug/l m

RT: 6.043 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV039032.D

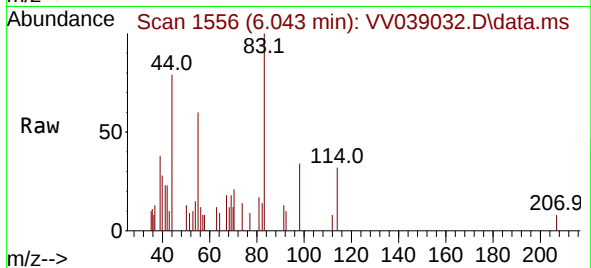
Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

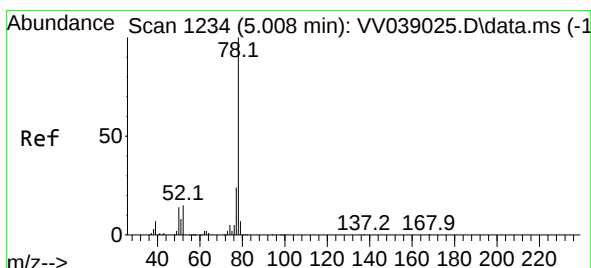
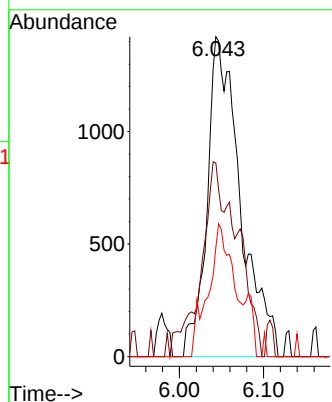
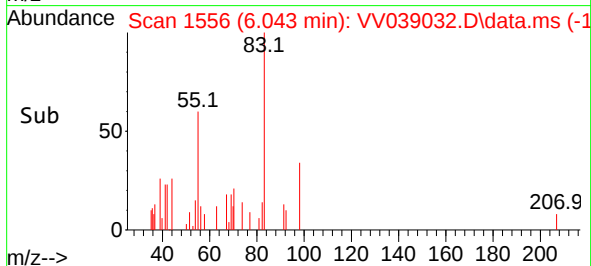


Tgt Ion:	83	Resp:	391
Ion Ratio	Lower	Upper	
83	100		
55	60.5	59.8	89.6
98	34.2	38.2	57.2

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 0.312 ug/l m

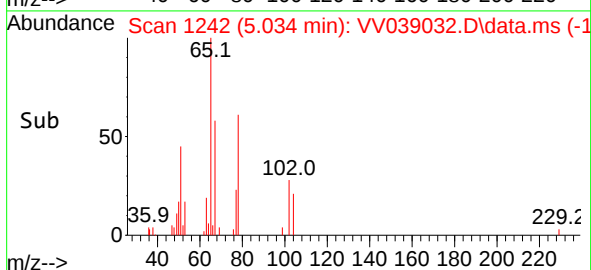
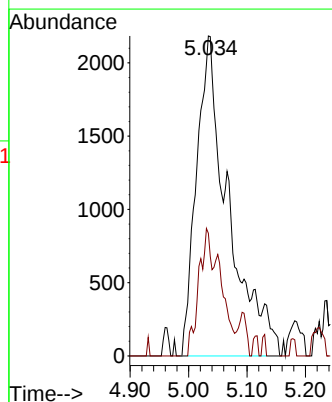
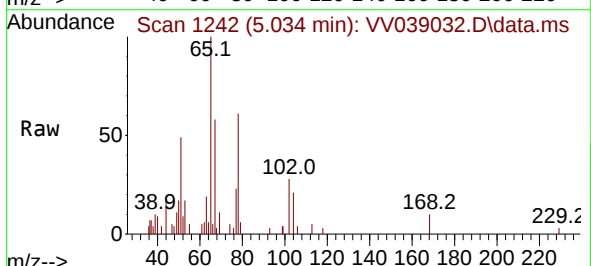
RT: 5.034 min Scan# 1242

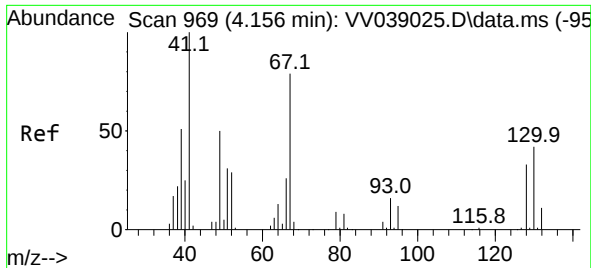
Delta R.T. 0.026 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

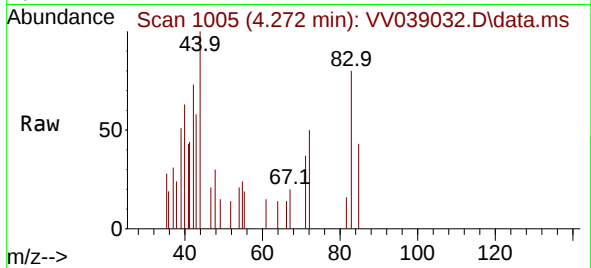
Tgt Ion:	78	Resp:	8248
Ion Ratio	Lower	Upper	
78	100		
77	38.3	19.1	28.7





#41
Methacrylonitrile
Concen: 0.208 ug/l m
RT: 4.272 min Scan# 1005
Delta R.T. 0.116 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

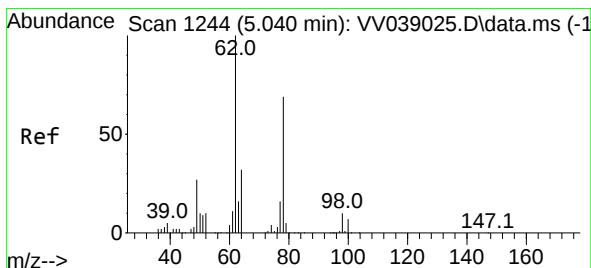
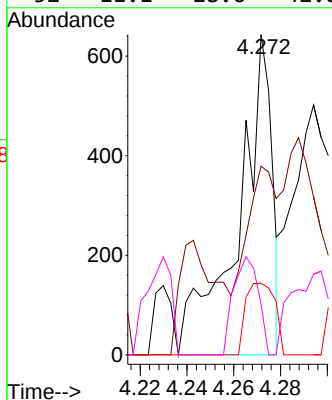
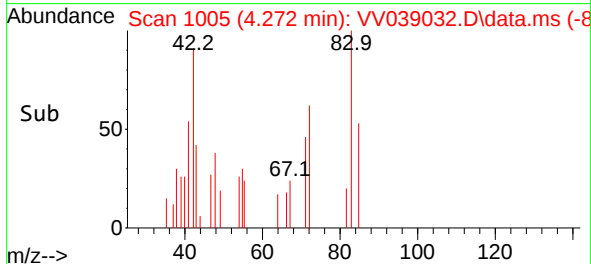
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 41 Resp: 649
Ion Ratio Lower Upper
41 100
39 31.6 42.7 64.1
67 0.0 74.5 111.7
52 11.1 28.6 42.8

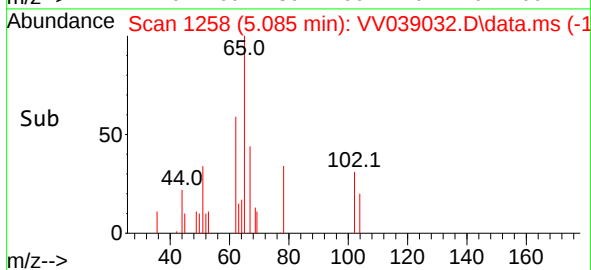
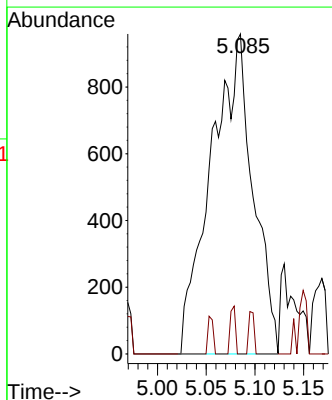
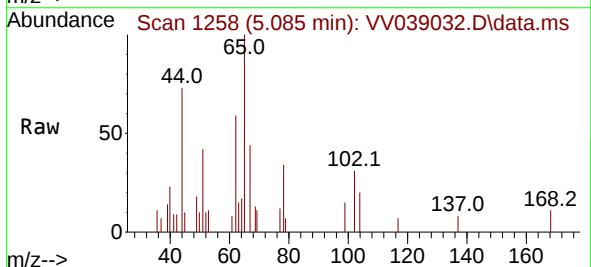
Manual Integrations
APPROVED

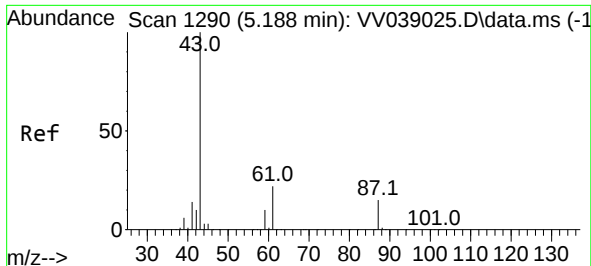
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#42
1,2-Dichloroethane
Concen: 0.312 ug/l m
RT: 5.085 min Scan# 1258
Delta R.T. 0.045 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

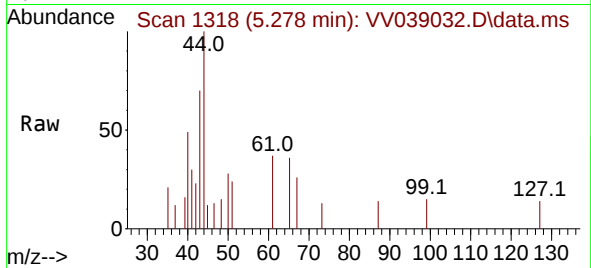
Tgt Ion: 62 Resp: 2874
Ion Ratio Lower Upper
62 100
98 1.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 0.335 ug/l m
RT: 5.278 min Scan# 1497
Delta R.T. 0.090 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

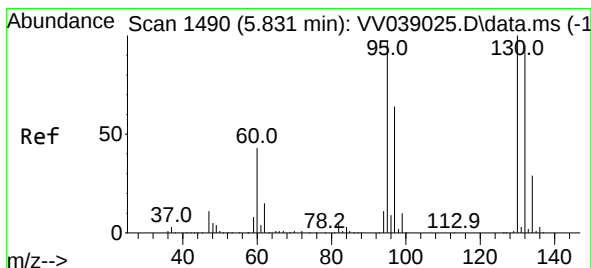
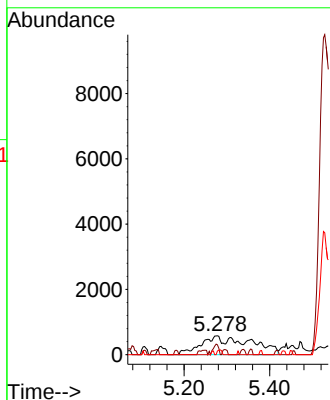
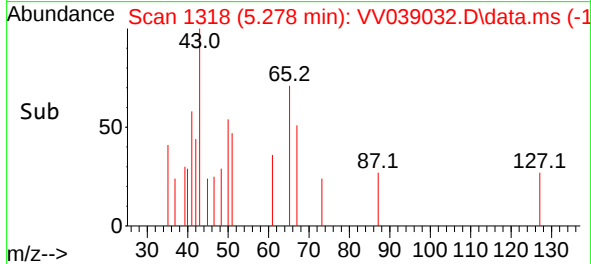
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 43 Resp: 462
Ion Ratio Lower Upper
43 100
61 0.0 16.6 25.0
87 0.0 11.7 17.5

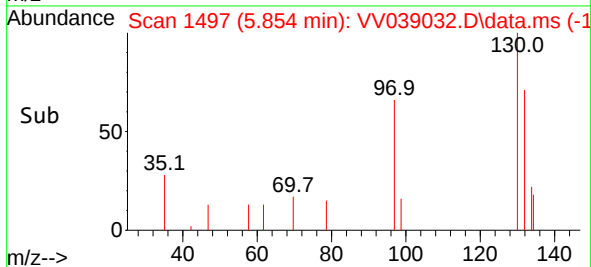
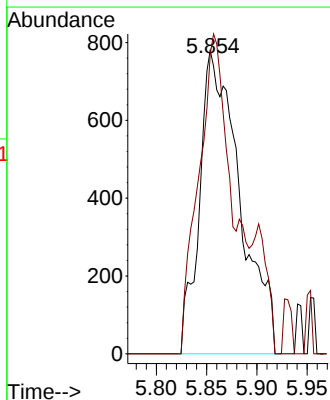
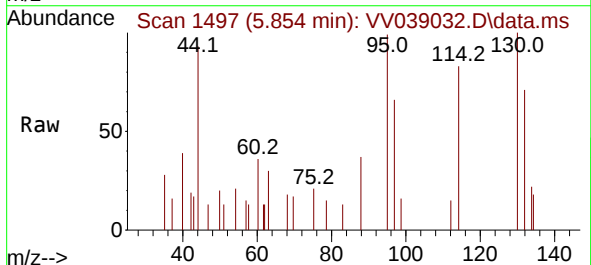
Manual Integrations
APPROVED

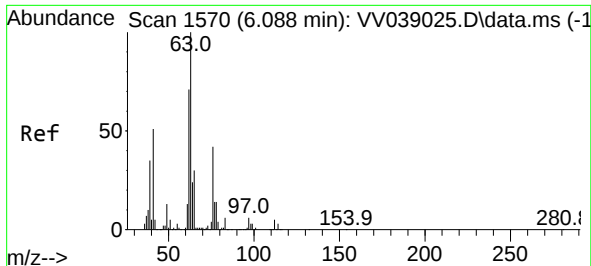
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#44
Trichloroethene
Concen: 0.327 ug/l
RT: 5.854 min Scan# 1497
Delta R.T. 0.023 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion:130 Resp: 2171
Ion Ratio Lower Upper
130 100
95 98.6 0.0 194.4





#45

1,2-Dichloropropane

Concen: 0.251 ug/l m

RT: 6.120 min Scan# 1

Delta R.T. 0.032 min

Lab File: VV039032.D

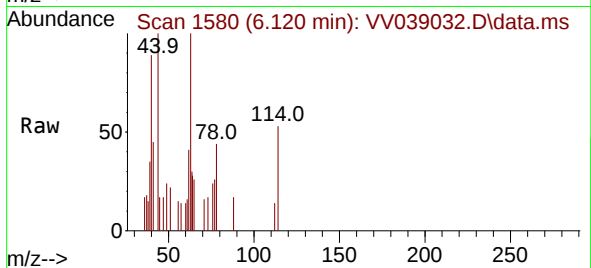
Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 63 Resp: 168

Ion Ratio Lower Upper

63 100

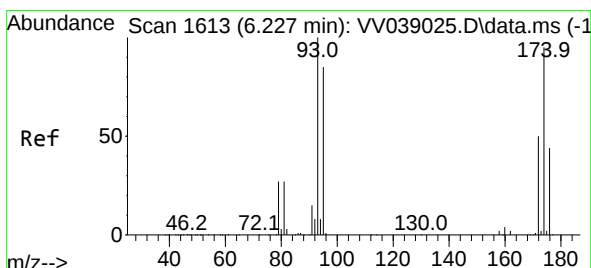
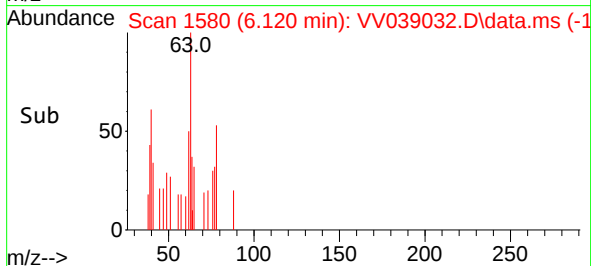
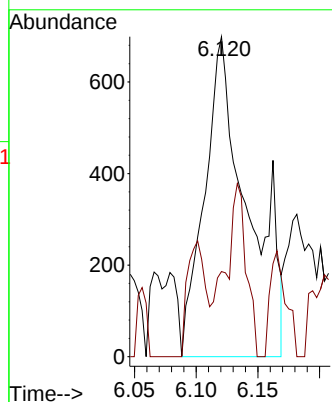
65 26.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025

Supervised By :Semsettin Yesilyurt 08/27/2025



#46

Dibromomethane

Concen: 0.236 ug/l m

RT: 6.268 min Scan# 1626

Delta R.T. 0.042 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

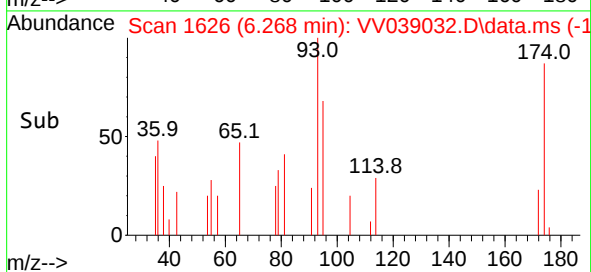
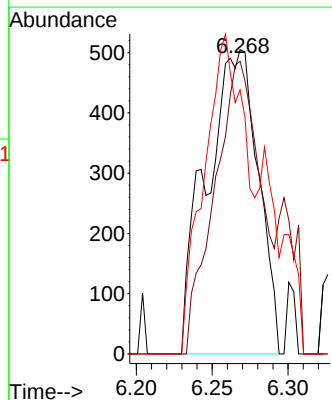
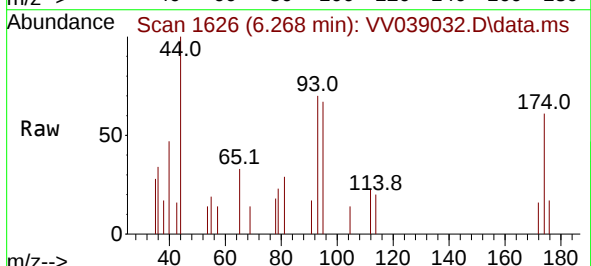
Tgt Ion: 93 Resp: 1201

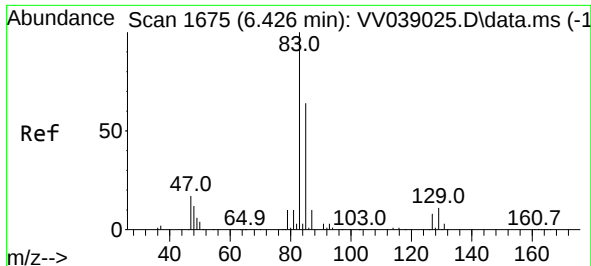
Ion Ratio Lower Upper

93 100

95 0.0 66.1 99.1#

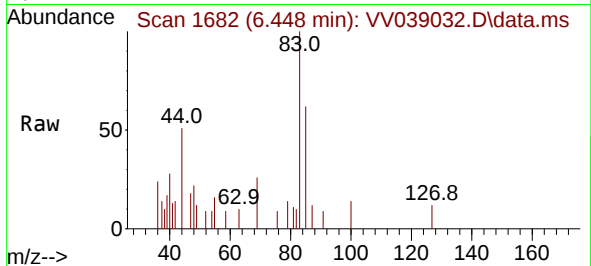
174 0.0 73.5 110.3#





#47
Bromodichloromethane
Concen: 0.275 ug/l
RT: 6.448 min Scan# 1682
Delta R.T. 0.023 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

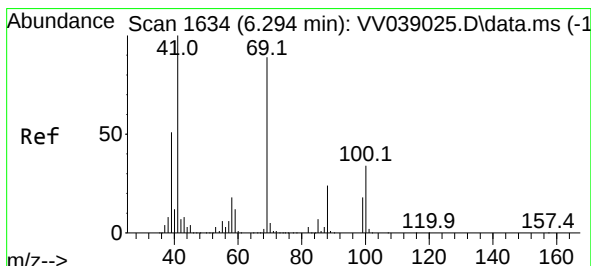
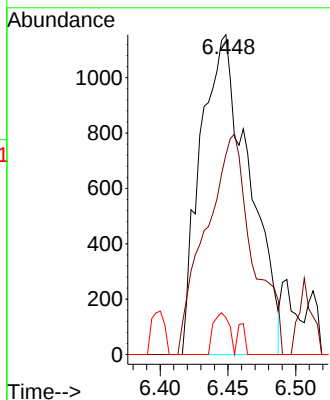
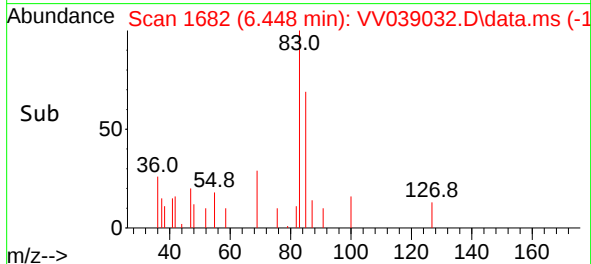
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



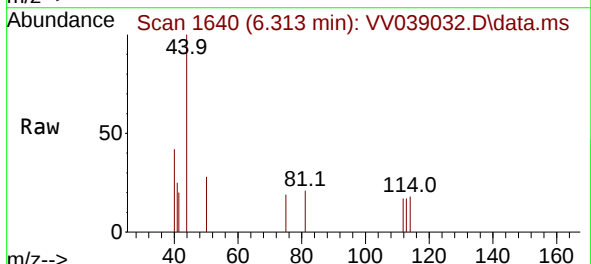
Tgt Ion: 83 Resp: 2880
Ion Ratio Lower Upper
83 100
85 62.4 51.0 76.4
127 11.5 6.7 10.1

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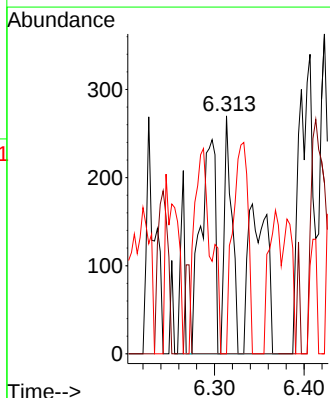
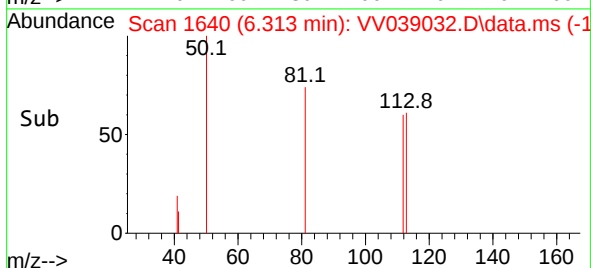
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

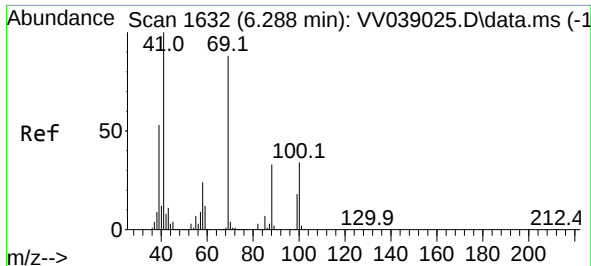


#48
Methyl methacrylate
Concen: 0.111 ug/l m
RT: 6.313 min Scan# 1640
Delta R.T. 0.019 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10



Tgt Ion: 41 Resp: 749
Ion Ratio Lower Upper
41 100
69 0.0 73.5 110.3#
39 40.7 41.3 61.9#





#49

1,4-Dioxane

Concen: 0.412 ug/l

RT: 6.278 min Scan# 1629

Delta R.T. -0.010 min

Lab File: VV039032.D

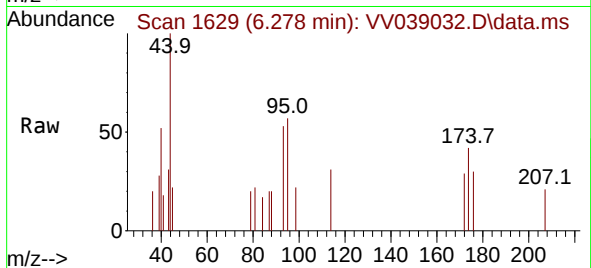
Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



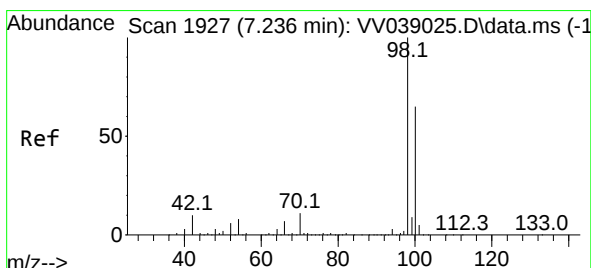
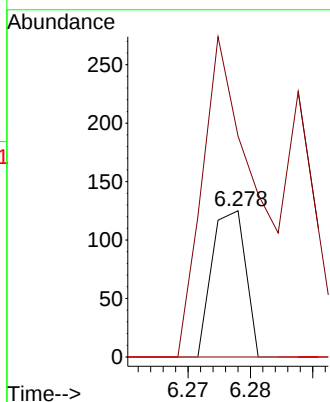
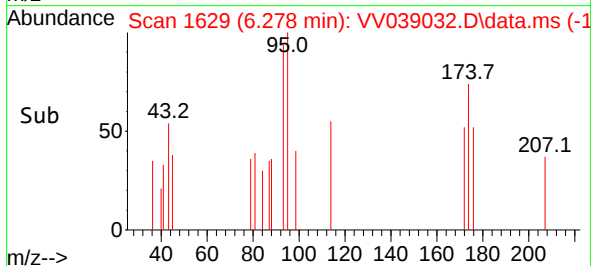
Tgt Ion:	88	Resp:	4
Ion	Ratio	Lower	Upper
88	100		
43	340.4	25.4	38.2
58	0.0	58.4	87.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025

Supervised By :Semsettin Yesilyurt 08/27/2025



#50

Toluene-d8

Concen: 46.580 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV039032.D

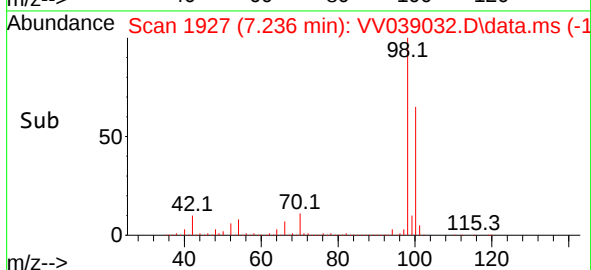
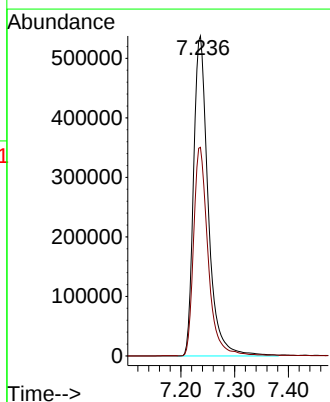
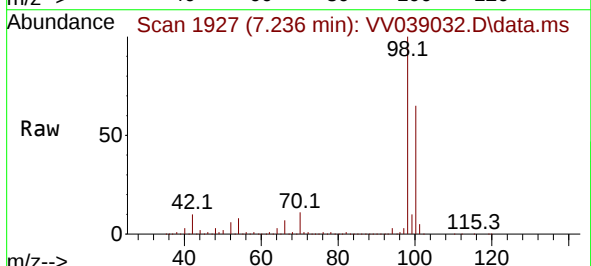
Acq: 25 Aug 2025 15:10

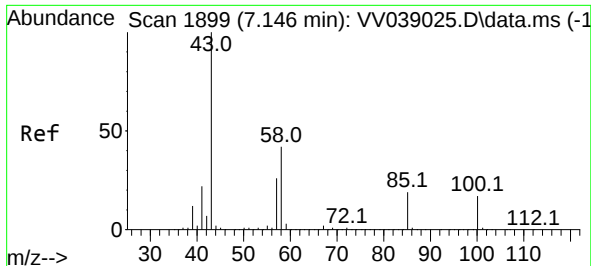
Tgt Ion: 98 Resp: 1015209

Ion Ratio Lower Upper

98 100

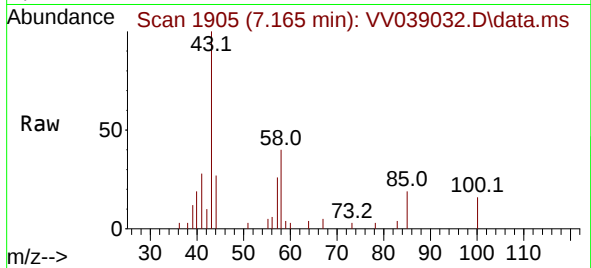
100 64.4 52.6 79.0





#51
4-Methyl-2-Pentanone
Concen: 1.467 ug/l m
RT: 7.165 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

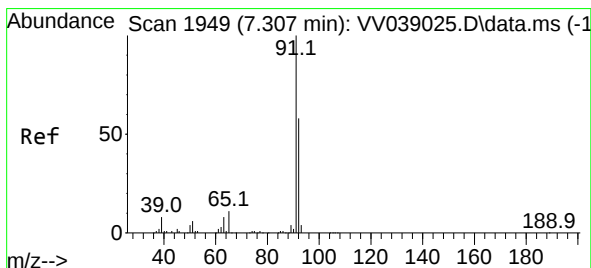
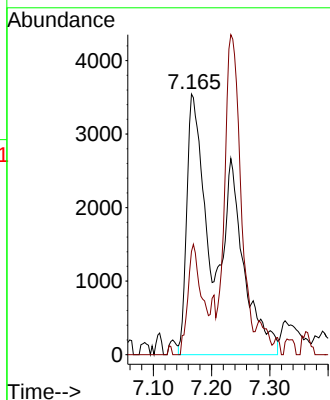
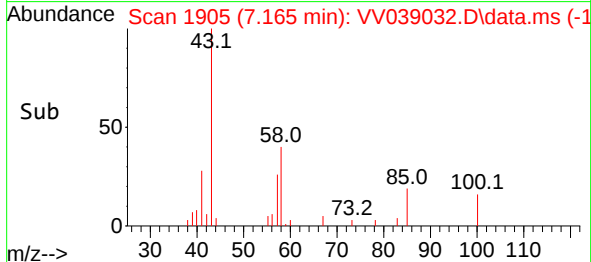
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 43 Resp: 1425
Ion Ratio Lower Upper
43 100
58 17.2 33.2 49.8

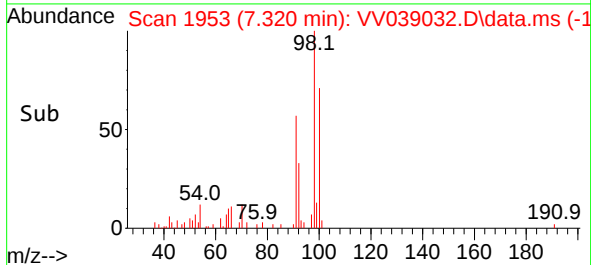
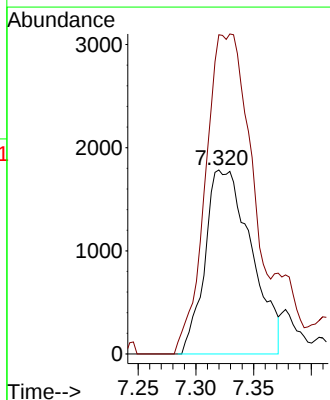
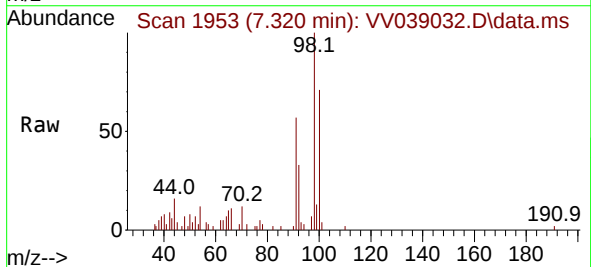
Manual Integrations
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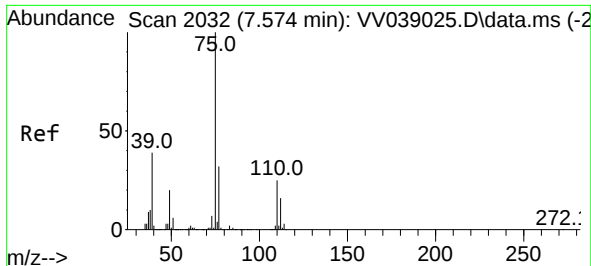
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#52
Toluene
Concen: 0.295 ug/l
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 92 Resp: 4968
Ion Ratio Lower Upper
92 100
91 172.1 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 0.306 ug/l m

RT: 7.628 min Scan# 2032

Delta R.T. 0.055 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

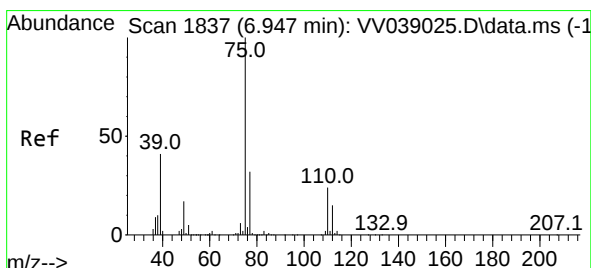
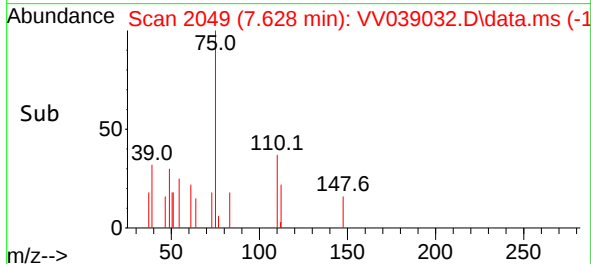
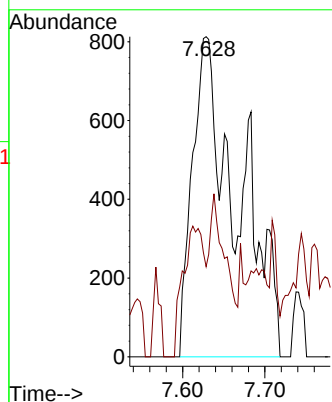
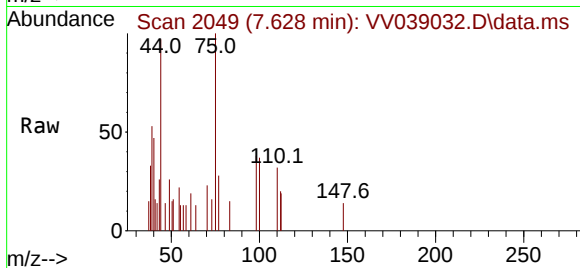
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 75 Resp: 308
 Ion Ratio Lower Upper
 75 100
 77 28.2 25.8 38.8

Manual Integrations

APPROVED

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



#54

cis-1,3-Dichloropropene

Concen: 0.239 ug/l

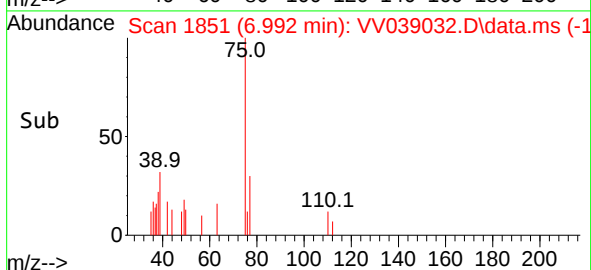
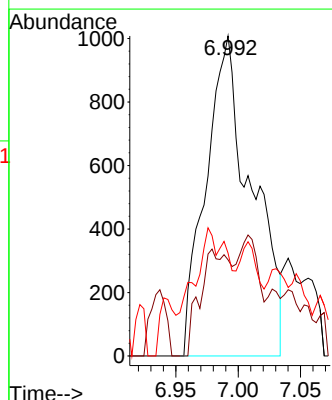
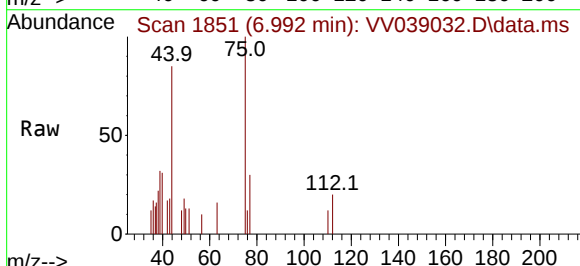
RT: 6.992 min Scan# 1851

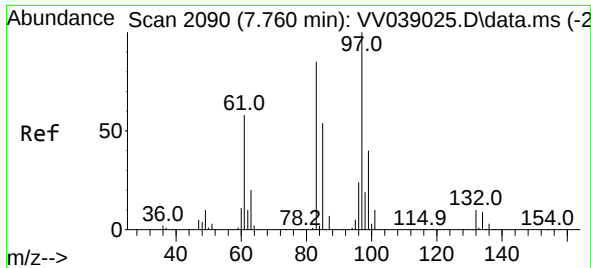
Delta R.T. 0.045 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

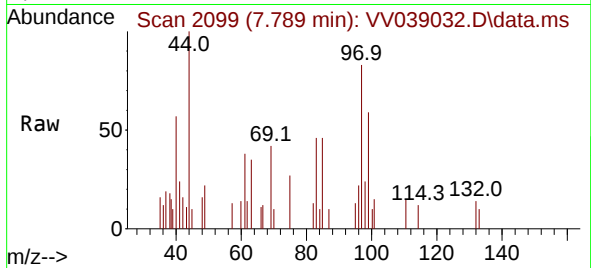
Tgt Ion: 75 Resp: 2585
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.6 38.4
 39 18.6 32.5 48.7#





#55
1,1,2-Trichloroethane
Concen: 0.384 ug/l m
RT: 7.789 min Scan# 2090
Delta R.T. 0.029 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

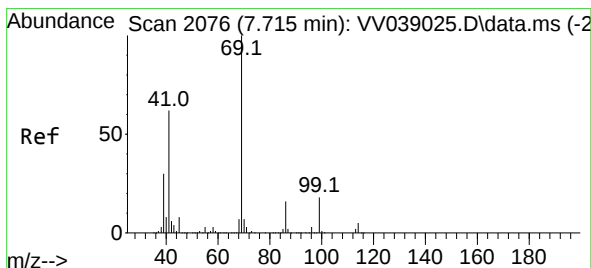
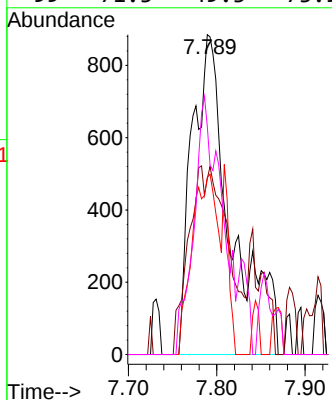
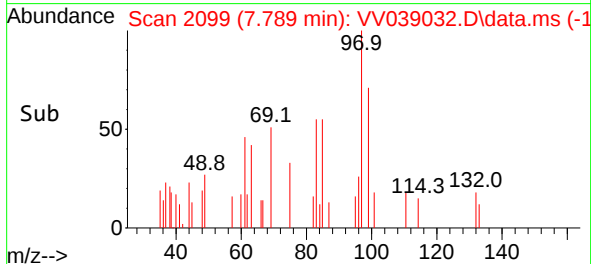
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion	Ratio	Lower	Upper
97	100		
83	55.0	68.1	102.1
85	55.4	44.5	66.7
99	71.3	49.3	73.9

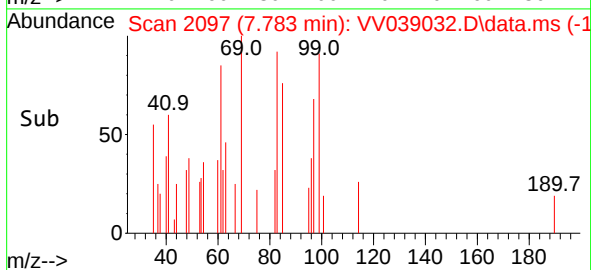
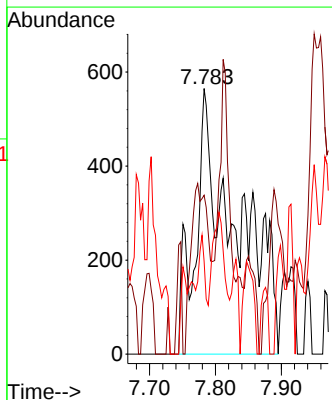
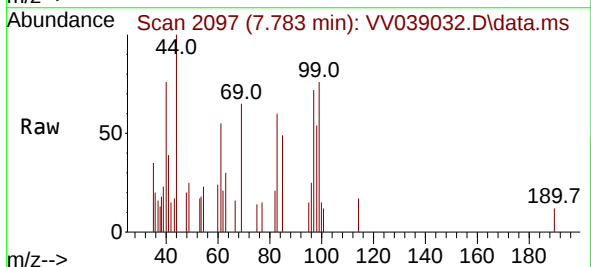
Manual Integrations
APPROVED

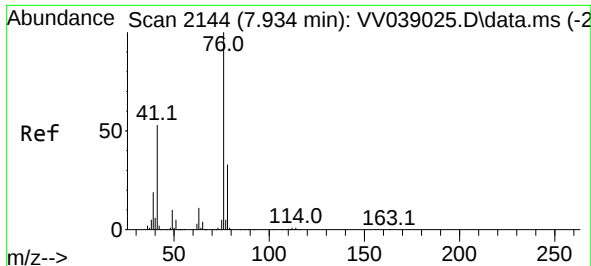
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#56
Ethyl methacrylate
Concen: 0.258 ug/l m
RT: 7.783 min Scan# 2097
Delta R.T. 0.068 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

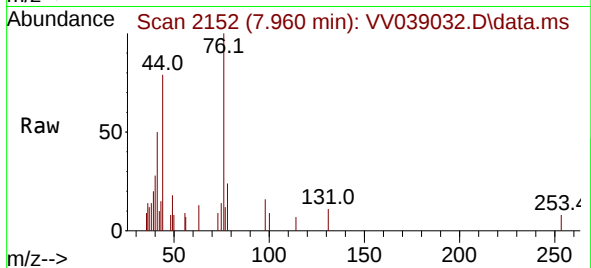
Tgt Ion	Ratio	Lower	Upper
69	100		
41	4.6	49.4	74.2
39	4.7	24.0	36.0





#57
1,3-Dichloropropane
Concen: 0.251 ug/l
RT: 7.960 min Scan# 2144
Delta R.T. 0.026 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

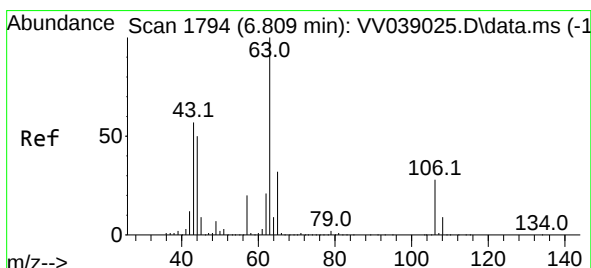
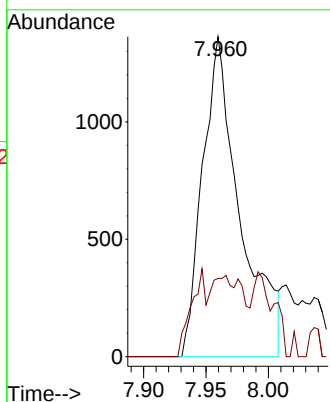
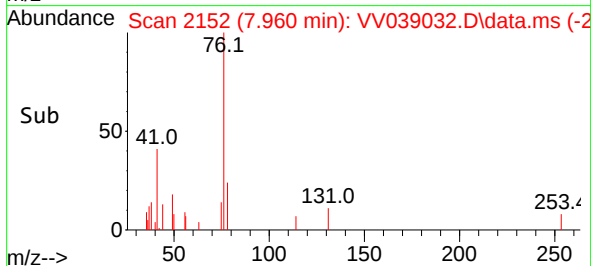
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 76 Resp: 2850
Ion Ratio Lower Upper
76 100
78 20.2 26.1 39.1

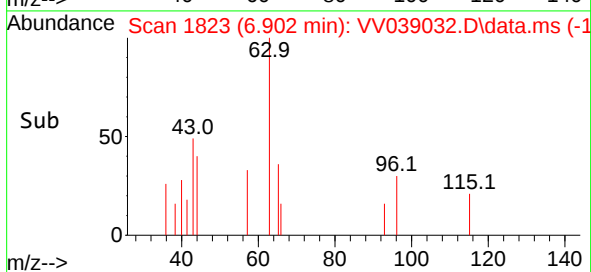
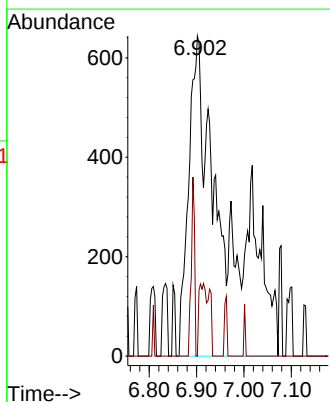
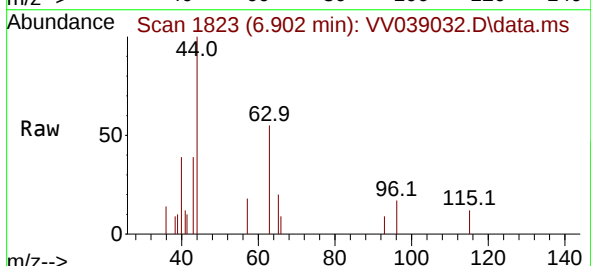
Manual Integrations
APPROVED

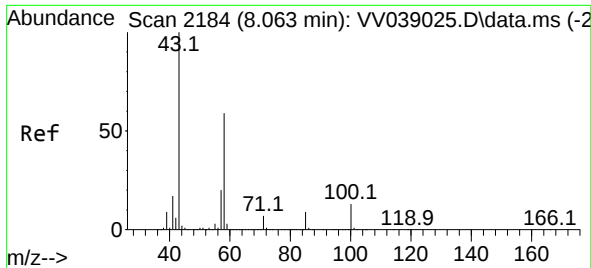
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 0.735 ug/l m
RT: 6.902 min Scan# 1823
Delta R.T. 0.093 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

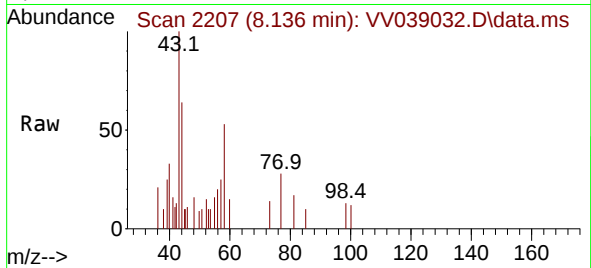
Tgt Ion: 63 Resp: 3434
Ion Ratio Lower Upper
63 100
106 0.6 22.3 33.5





#59
2-Hexanone
Concen: 1.906 ug/l m
RT: 8.136 min Scan# 2184
Delta R.T. 0.074 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

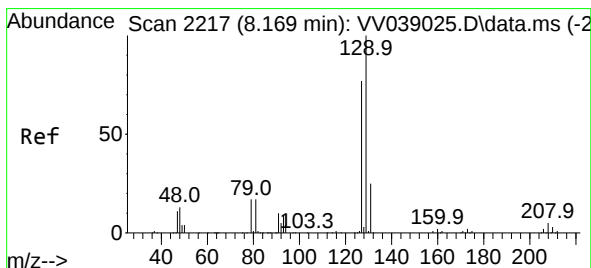
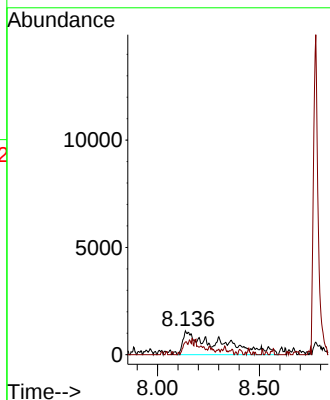
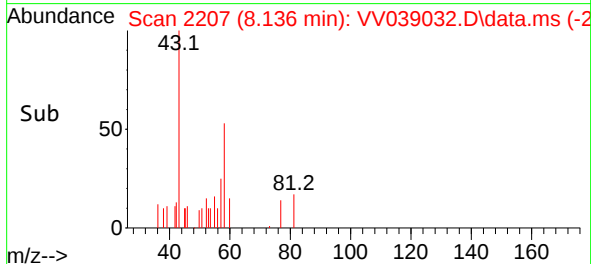
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
58 0.5 28.8 86.4

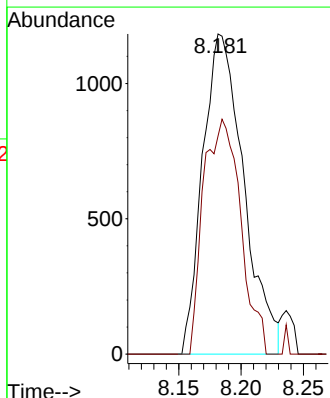
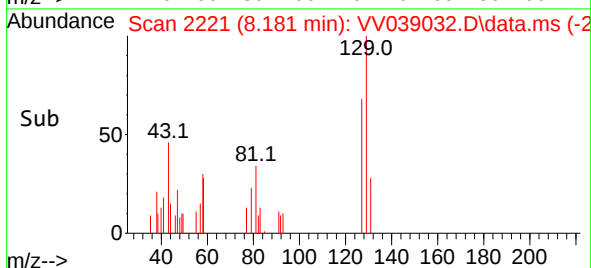
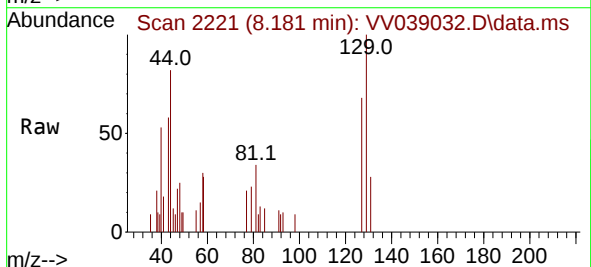
Manual Integrations
APPROVED

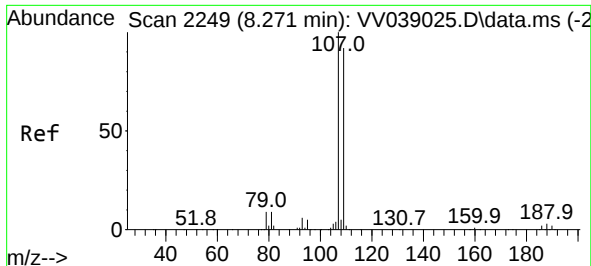
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#60
Dibromochloromethane
Concen: 0.332 ug/l
RT: 8.181 min Scan# 2221
Delta R.T. 0.013 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion:129 Resp: 2704
Ion Ratio Lower Upper
129 100
127 66.6 39.0 117.0





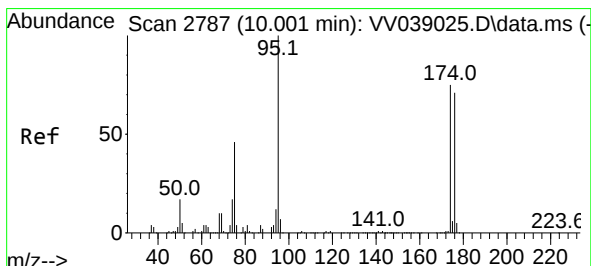
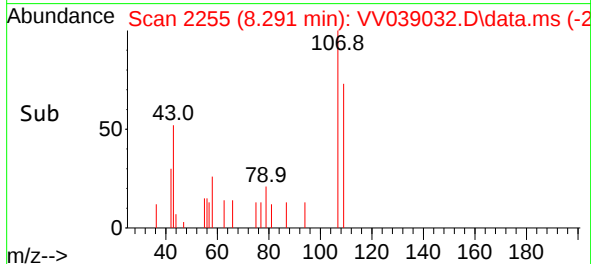
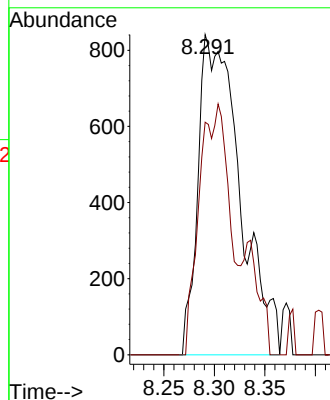
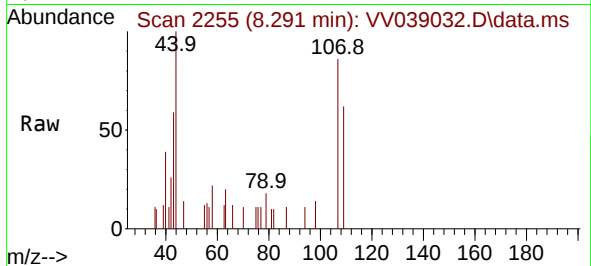
#61
1,2-Dibromoethane
Concen: 0.335 ug/l m
RT: 8.291 min Scan# 21
Delta R.T. 0.019 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

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

Tgt Ion:107 Resp: 243
Ion Ratio Lower Upper
107 100
109 26.3 75.1 112.7

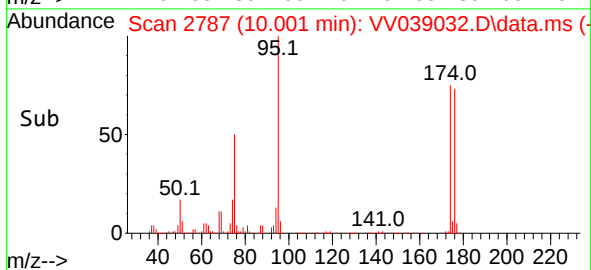
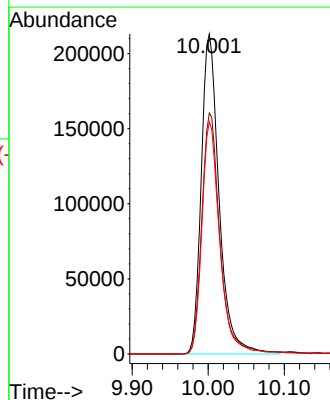
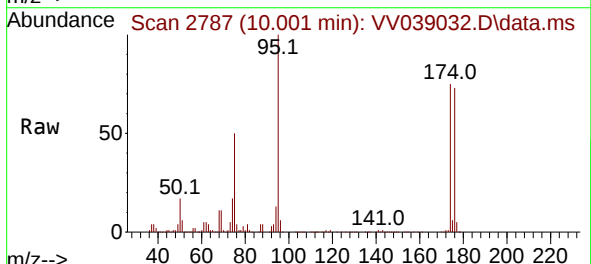
Manual Integrations
APPROVED

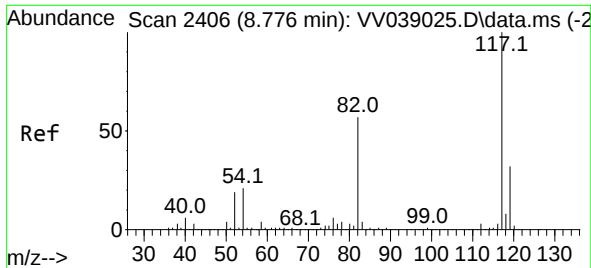
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#62
4-Bromofluorobenzene
Concen: 43.618 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

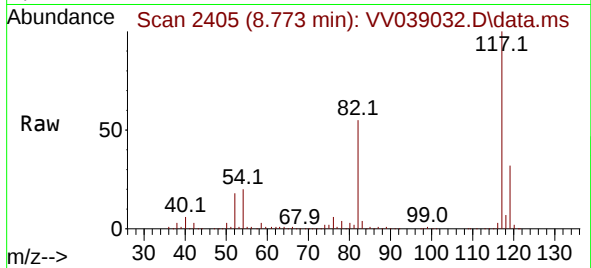
Tgt Ion: 95 Resp: 348335
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.4
176 72.8 0.0 144.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

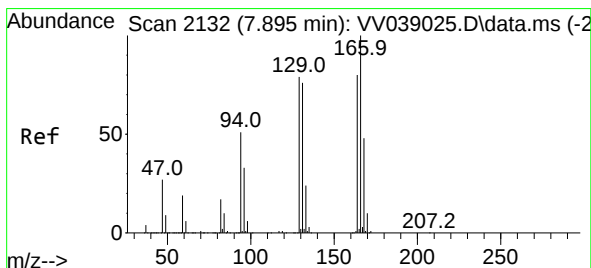
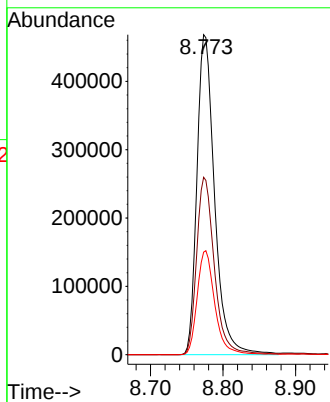
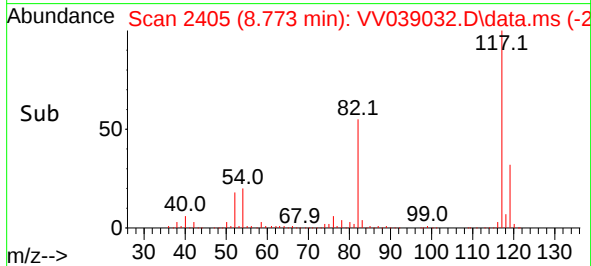
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:117 Resp: 793250
Ion Ratio Lower Upper
117 100
82 55.4 45.6 68.4
119 32.0 25.4 38.0

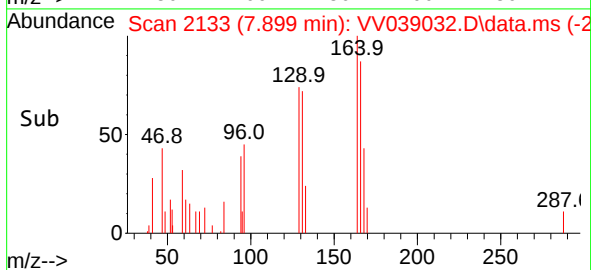
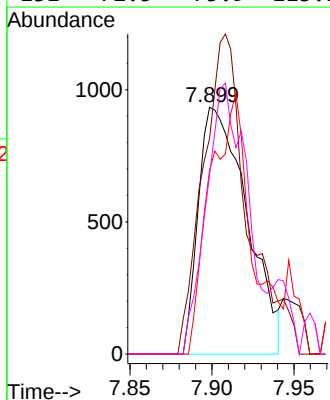
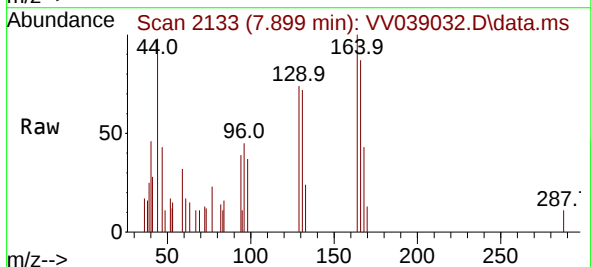
Manual Integrations
APPROVED

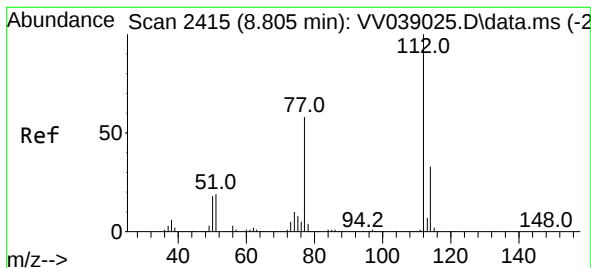
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#64
Tetrachloroethene
Concen: 0.339 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion:164 Resp: 1912
Ion Ratio Lower Upper
164 100
166 87.3 99.7 149.5#
129 74.4 78.5 117.7#
131 72.5 75.9 113.9#





#65

Chlorobenzene

Concen: 0.339 ug/l

RT: 8.812 min Scan# 2415

Delta R.T. 0.006 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:112 Resp: 644

Ion Ratio Lower Upper

112 100

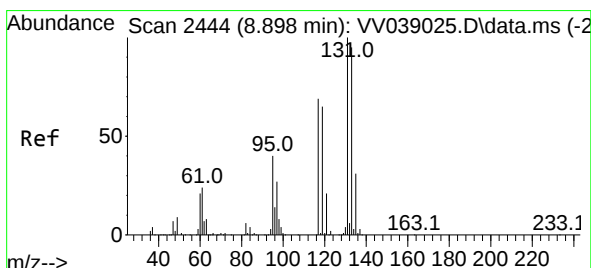
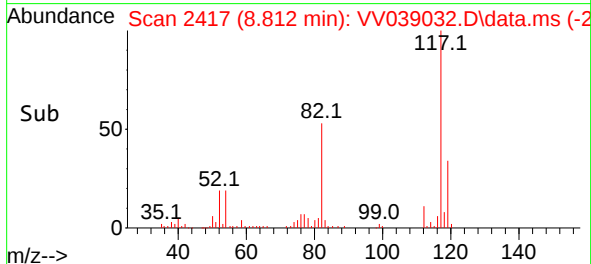
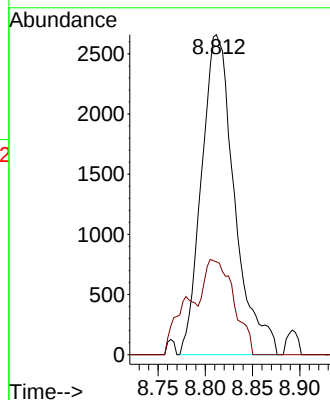
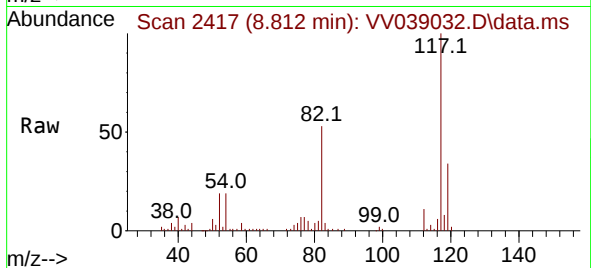
114 29.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025

Supervised By :Semsettin Yesilyurt 08/27/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 0.258 ug/l

RT: 8.902 min Scan# 2445

Delta R.T. 0.003 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

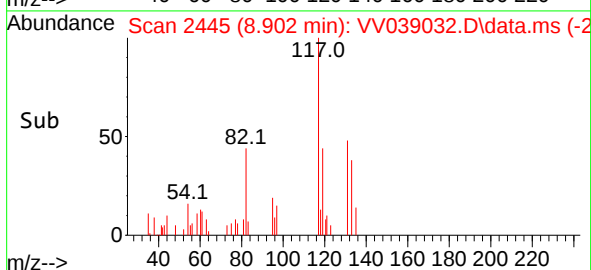
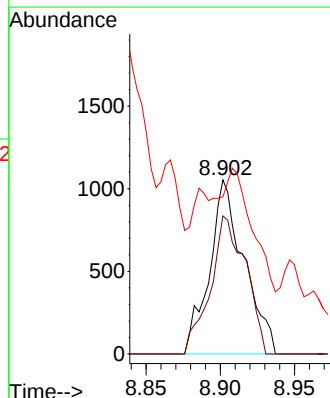
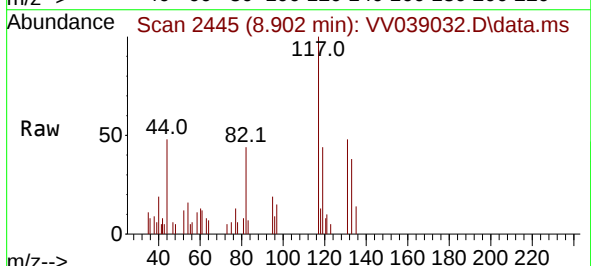
Tgt Ion:131 Resp: 1707

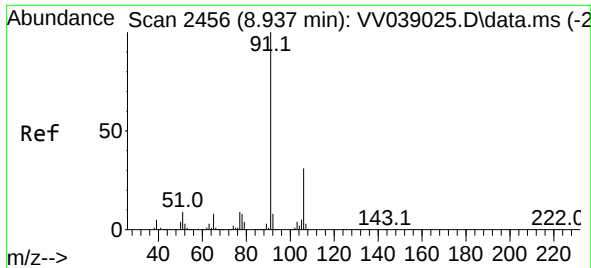
Ion Ratio Lower Upper

131 100

133 80.5 47.6 142.9

119 0.0 33.3 99.8





#67

Ethyl Benzene

Concen: 0.272 ug/l

RT: 8.956 min Scan# 2456

Delta R.T. 0.019 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 817

Ion Ratio Lower Upper

91 100

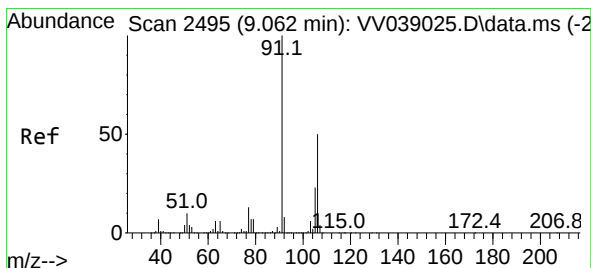
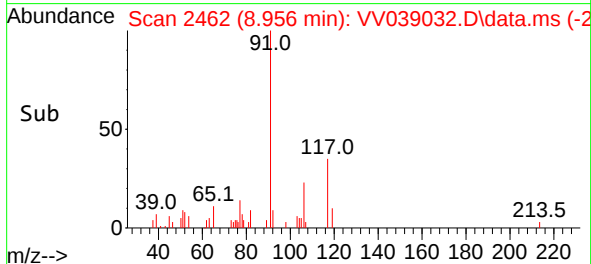
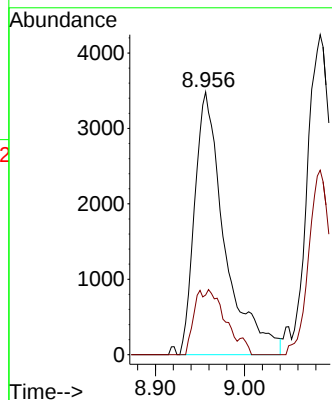
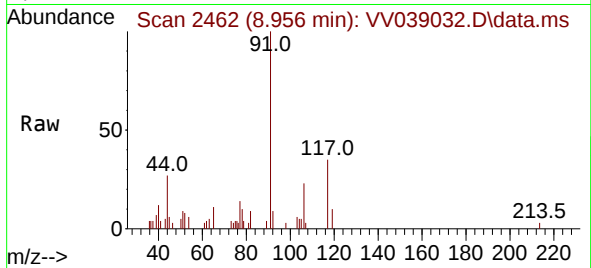
106 22.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025

Supervised By :Semsettin Yesilyurt 08/27/2025



#68

m/p-Xylenes

Concen: 0.463 ug/l

RT: 9.085 min Scan# 2502

Delta R.T. 0.023 min

Lab File: VV039032.D

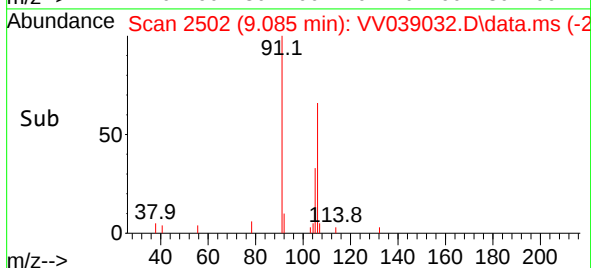
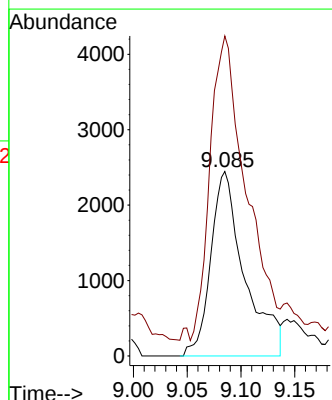
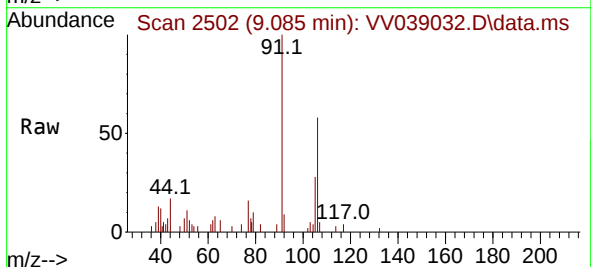
Acq: 25 Aug 2025 15:10

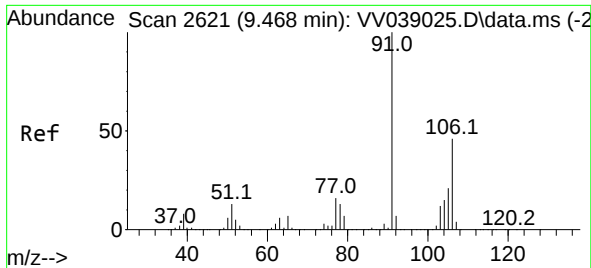
Tgt Ion:106 Resp: 5346

Ion Ratio Lower Upper

106 100

91 176.5 162.4 243.6





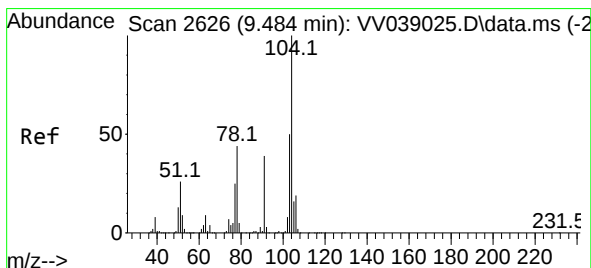
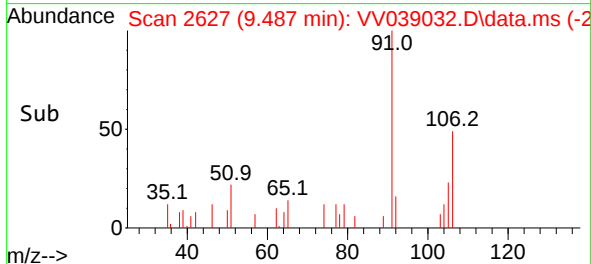
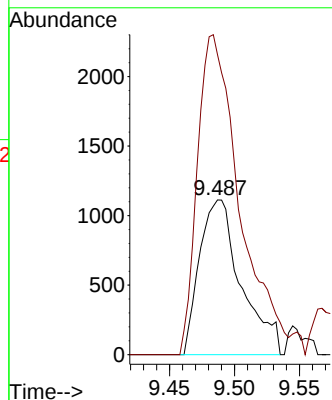
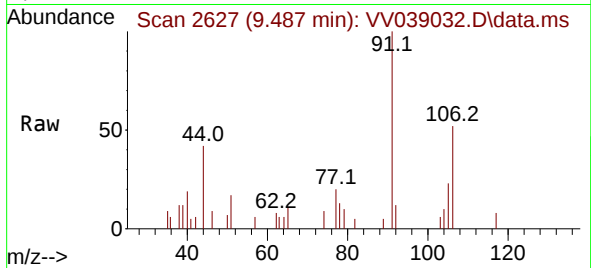
#69
o-Xylene
Concen: 0.234 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.019 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

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

Tgt Ion:106 Resp: 2478
Ion Ratio Lower Upper
106 100
91 209.6 106.7 320.1

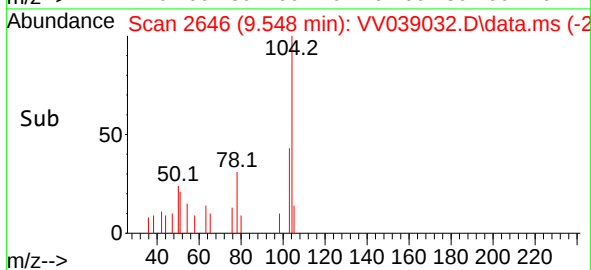
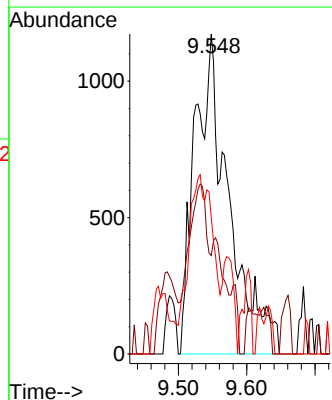
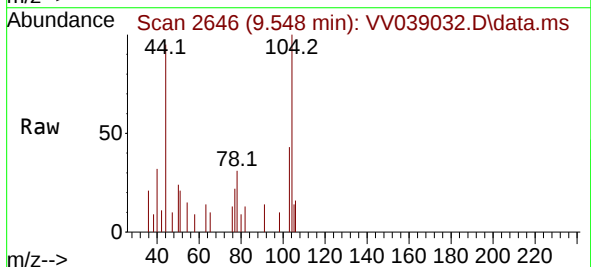
Manual Integrations
APPROVED

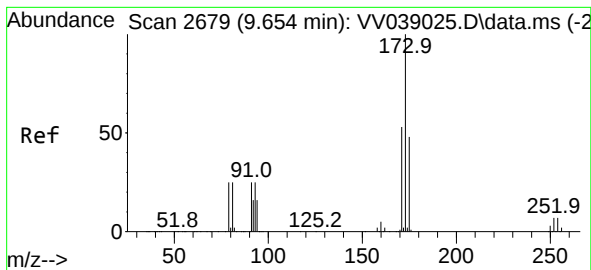
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#70
Styrene
Concen: 0.217 ug/l m
RT: 9.548 min Scan# 2646
Delta R.T. 0.064 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion:104 Resp: 4049
Ion Ratio Lower Upper
104 100
78 18.2 39.3 58.9#
103 20.1 43.2 64.8#





#71

Bromoform

Concen: 0.333 ug/l

RT: 9.664 min Scan# 2682

Delta R.T. 0.010 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

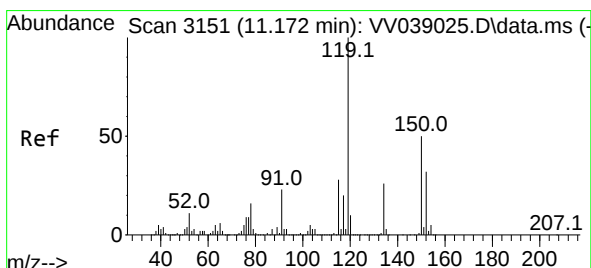
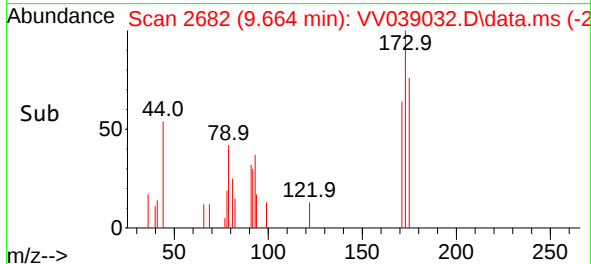
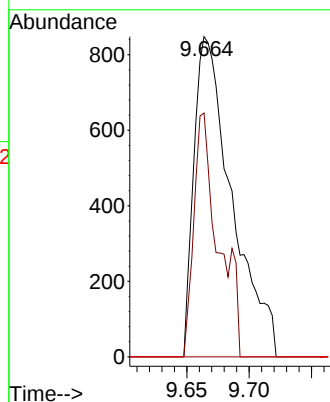
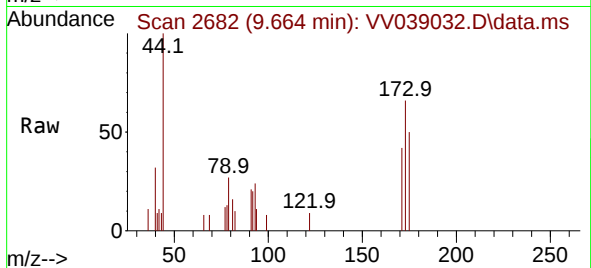
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	173	Resp:	178
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.3	72.9
254	0.0	0.1	0.1

Manual Integrations

APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

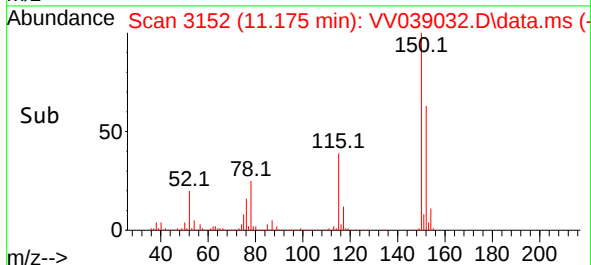
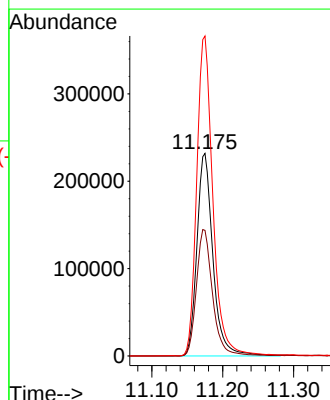
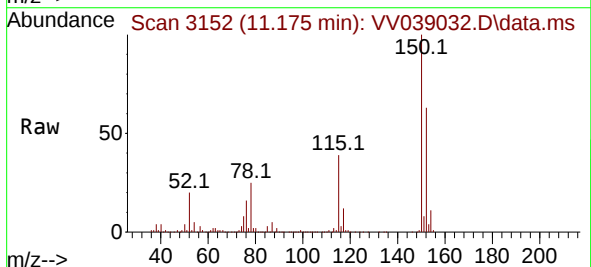
RT: 11.175 min Scan# 3152

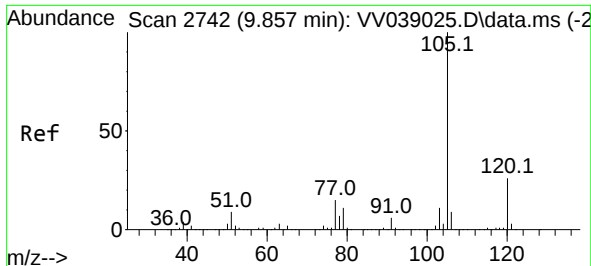
Delta R.T. 0.003 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

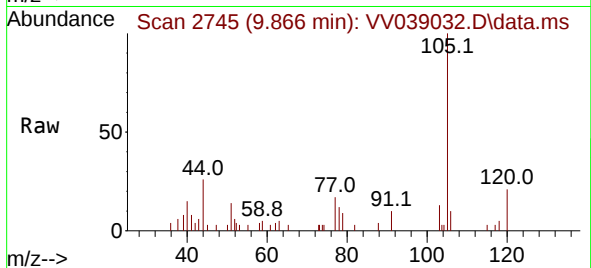
Tgt Ion:	152	Resp:	365666
Ion Ratio	Lower	Upper	
152	100		
115	62.6	44.0	132.1
150	158.2	0.0	352.2





#73
Isopropylbenzene
Concen: 0.261 ug/l
RT: 9.866 min Scan# 2167
Delta R.T. 0.010 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

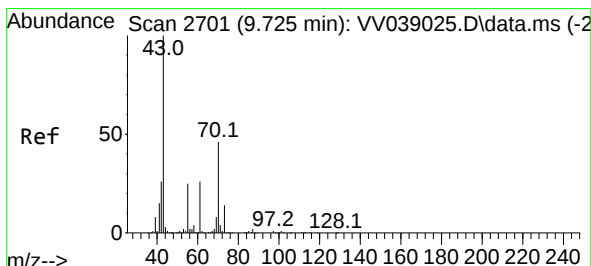
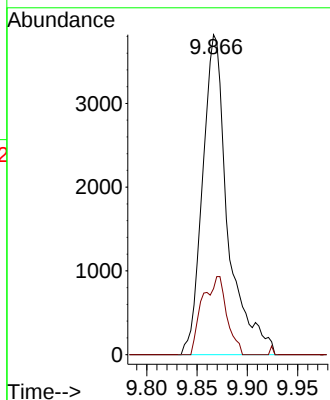
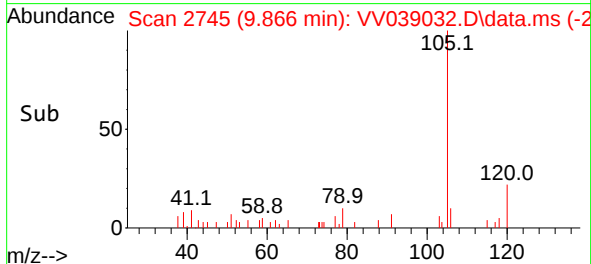
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:105 Resp: 667
Ion Ratio Lower Upper
105 100
120 23.4 13.2 39.5

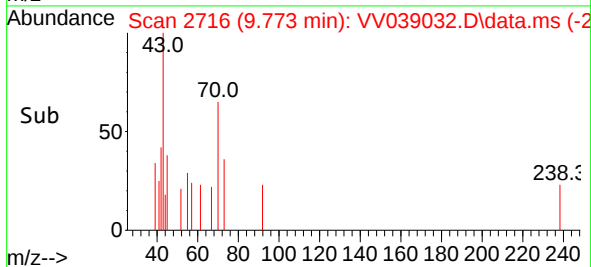
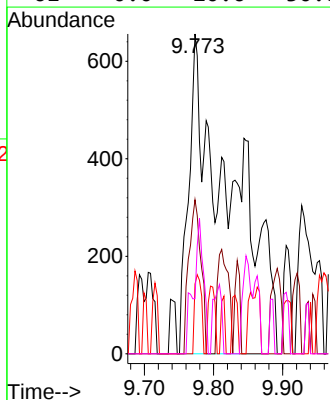
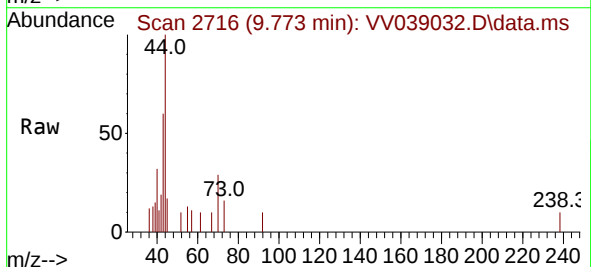
Manual Integrations
APPROVED

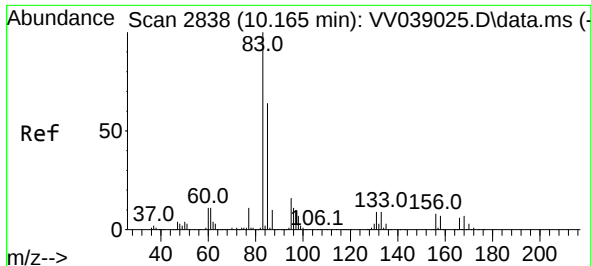
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#74
N-ethyl acetate
Concen: 0.259 ug/l m
RT: 9.773 min Scan# 2716
Delta R.T. 0.048 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 43 Resp: 2729
Ion Ratio Lower Upper
43 100
70 0.0 36.4 54.6#
55 0.0 20.6 30.8#
61 0.0 20.6 30.8#





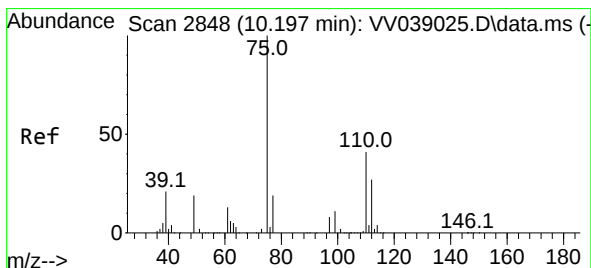
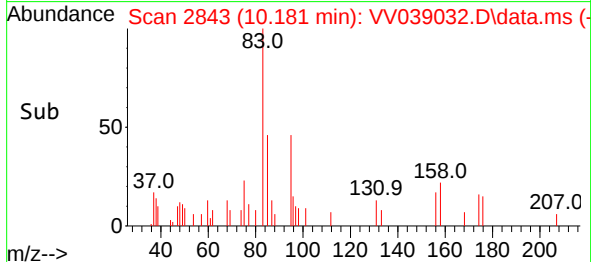
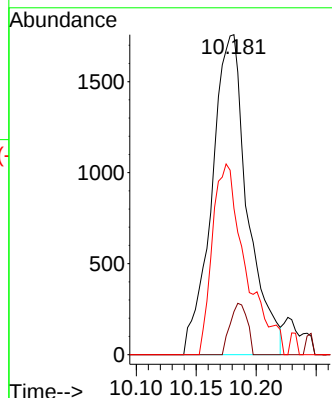
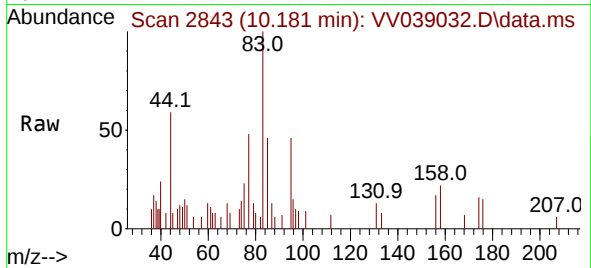
#75
1,1,2,2-Tetrachloroethane
Concen: 0.361 ug/l
RT: 10.181 min Scan# 2843
Delta R.T. 0.016 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

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

Tgt Ion: 83 Resp: 364
Ion Ratio Lower Upper
83 100
131 7.6 4.7 14.0
85 55.1 31.8 95.4

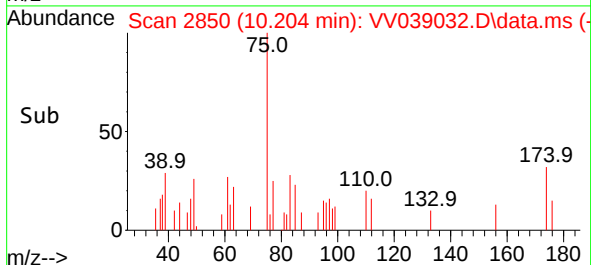
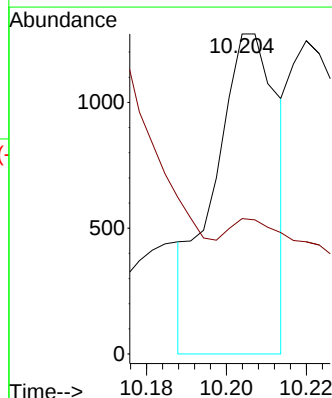
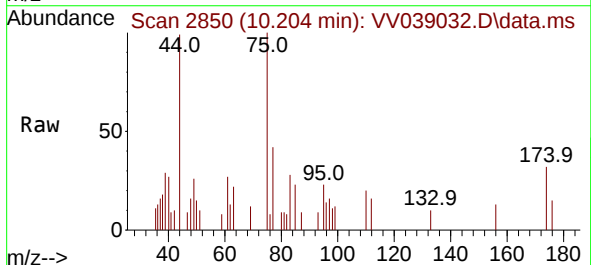
Manual Integrations
APPROVED

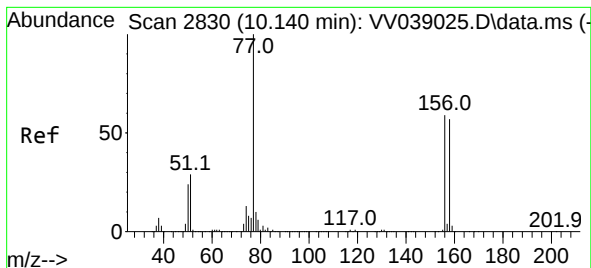
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#76
1,2,3-Trichloropropane
Concen: 0.196 ug/l m
RT: 10.204 min Scan# 2850
Delta R.T. 0.006 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 75 Resp: 1408
Ion Ratio Lower Upper
75 100
77 156.1 11.9 35.5#





#77

Bromobenzene

Concen: 0.337 ug/l

RT: 10.159 min Scan# 2836

Delta R.T. 0.019 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

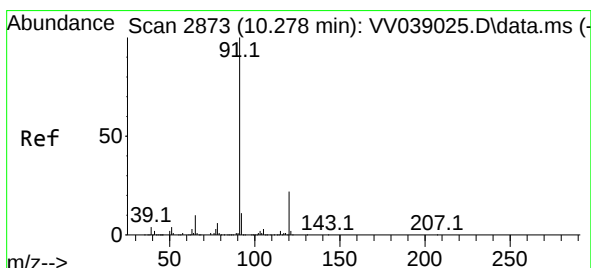
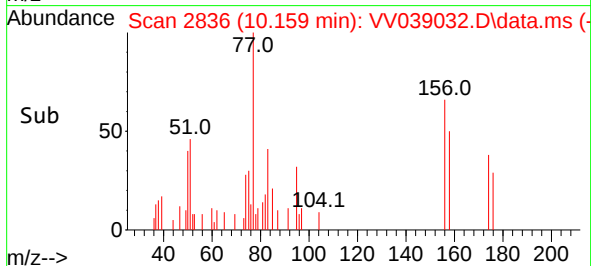
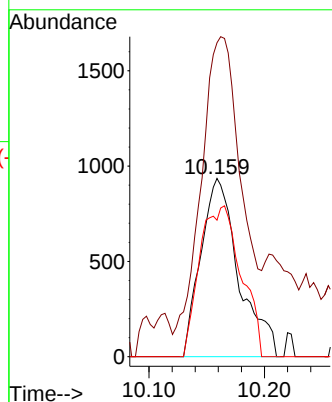
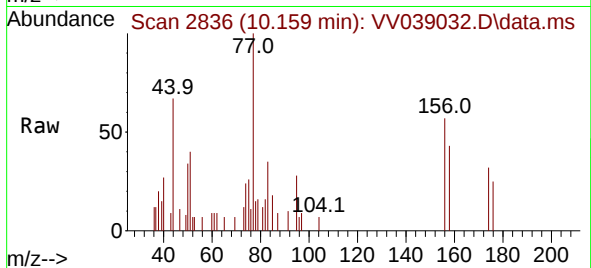
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	156	Resp:	2139
Ion Ratio	Lower	Upper	
156	100		
77	171.0	82.5	247.7
158	92.0	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: 0.296 ug/l

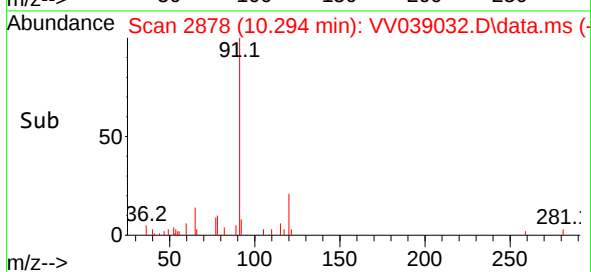
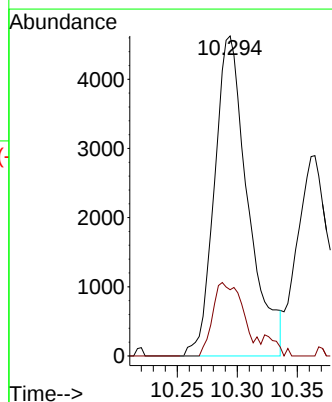
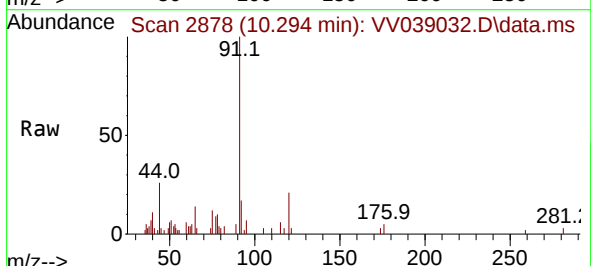
RT: 10.294 min Scan# 2878

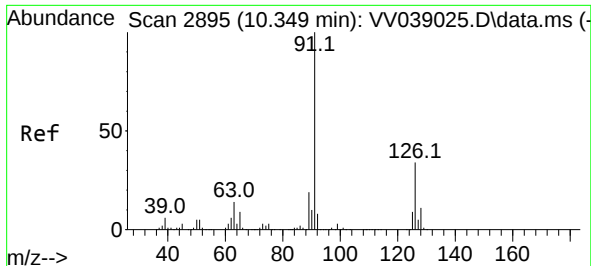
Delta R.T. 0.016 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Tgt Ion:	91	Resp:	8957
Ion Ratio	Lower	Upper	
91	100		
120	21.1	11.2	33.6





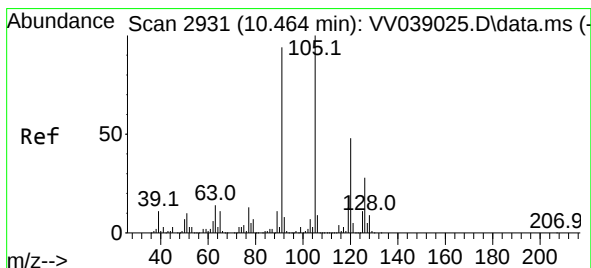
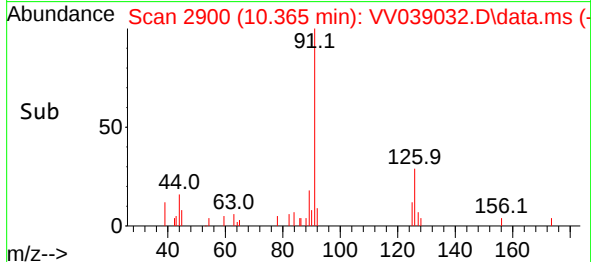
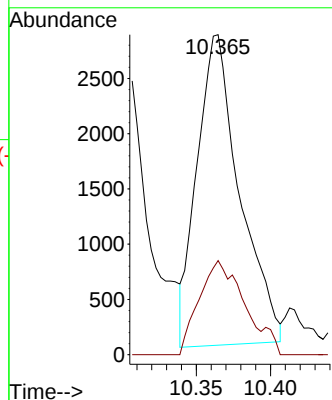
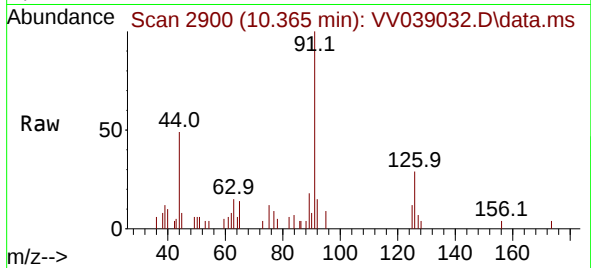
#79
2-Chlorotoluene
Concen: 0.301 ug/l
RT: 10.365 min Scan# 2900
Delta R.T. 0.016 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

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

Tgt Ion: 91 Resp: 5612
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.1

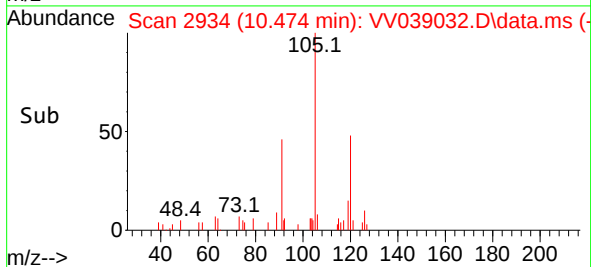
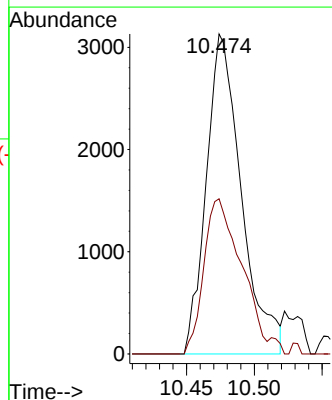
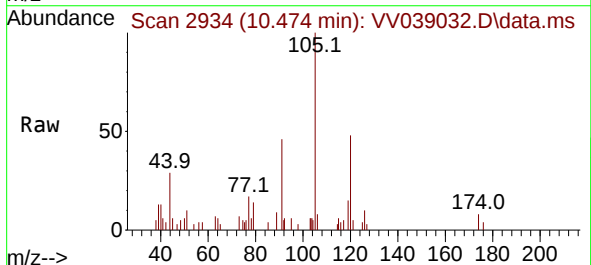
Manual Integrations
APPROVED

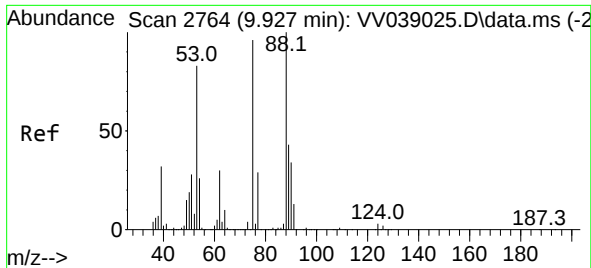
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.267 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.010 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

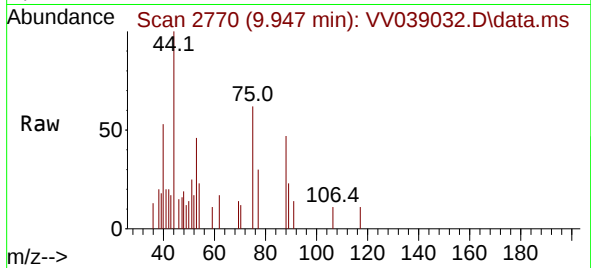
Tgt Ion:105 Resp: 5616
Ion Ratio Lower Upper
105 100
120 53.1 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 0.254 ug/l m
RT: 9.947 min Scan# 2764
Delta R.T. 0.019 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

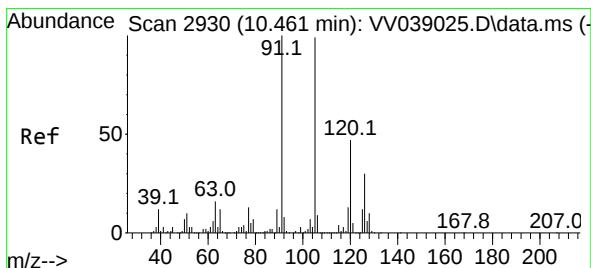
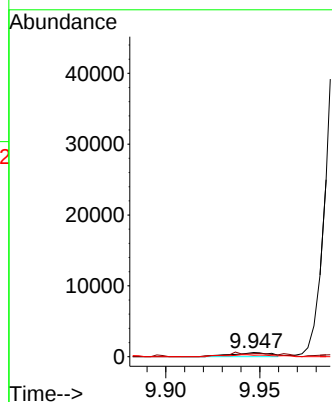
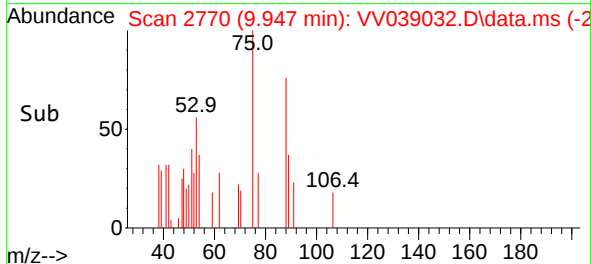
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 75 Resp: 830
Ion Ratio Lower Upper
75 100
53 77.6 70.2 105.4
89 0.0 36.5 54.7

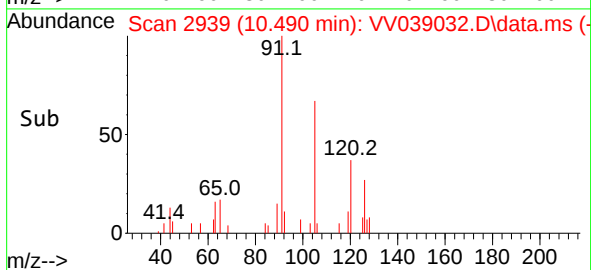
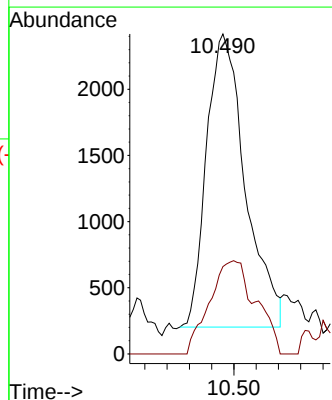
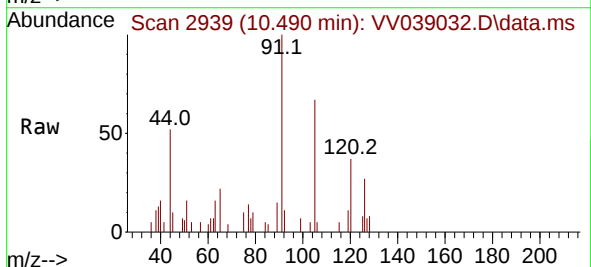
Manual Integrations
APPROVED

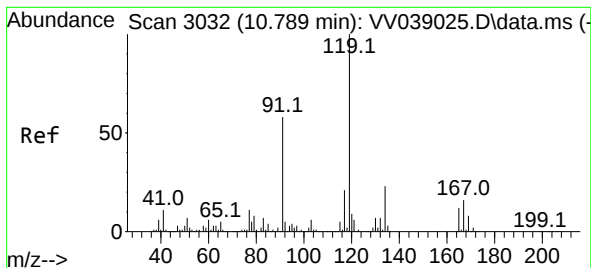
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#82
4-Chlorotoluene
Concen: 0.252 ug/l
RT: 10.490 min Scan# 2939
Delta R.T. 0.029 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion: 91 Resp: 5355
Ion Ratio Lower Upper
91 100
126 37.7 14.9 44.5





#83

tert-Butylbenzene

Concen: 0.253 ug/l

RT: 10.796 min Scan# 3032

Delta R.T. 0.006 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

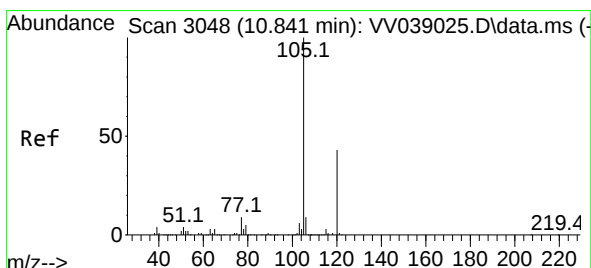
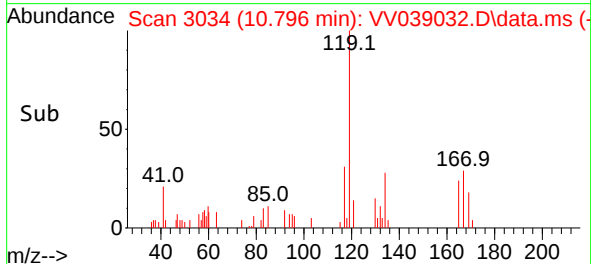
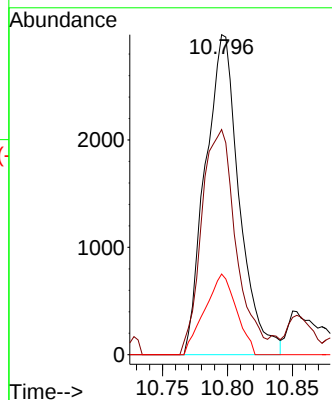
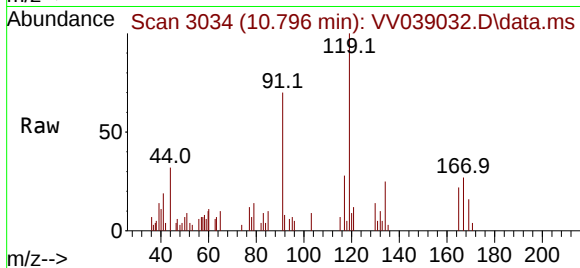
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	119	Resp:	5400
Ion Ratio	Lower	Upper	
119	100		
91	71.8	28.1	84.4
134	23.4	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: 0.253 ug/l

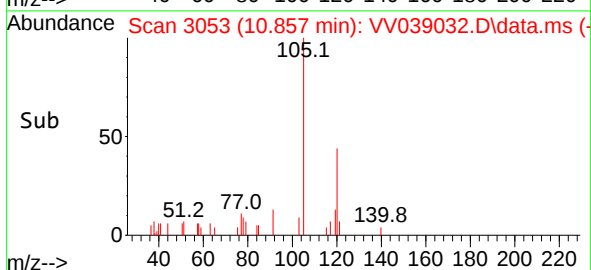
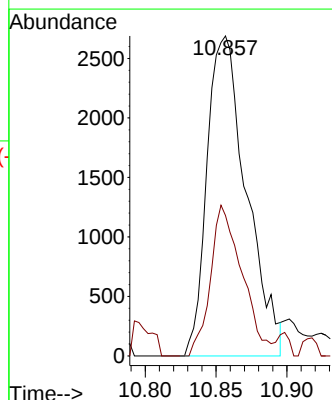
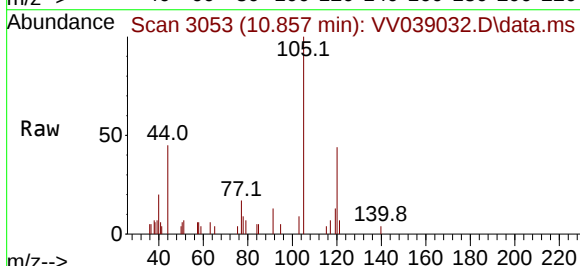
RT: 10.857 min Scan# 3053

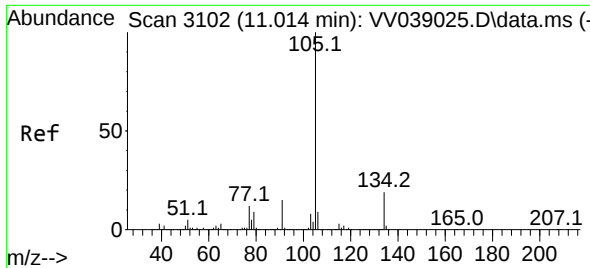
Delta R.T. 0.016 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Tgt Ion:	105	Resp:	5213
Ion Ratio	Lower	Upper	
105	100		
120	37.7	22.6	67.8





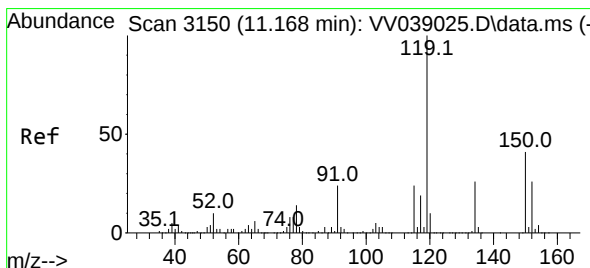
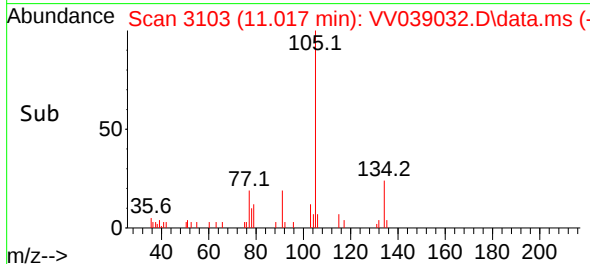
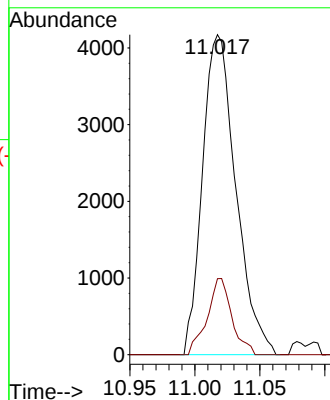
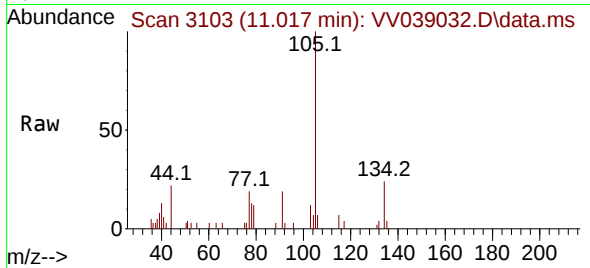
#85
 sec-Butylbenzene
 Concen: 0.265 ug/l
 RT: 11.017 min Scan# 3102
 Delta R.T. 0.003 min
 Lab File: VV039032.D
 Acq: 25 Aug 2025 15:10

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

Tgt Ion:105 Resp: 745
 Ion Ratio Lower Upper
 105 100
 134 17.6 9.8 29.4

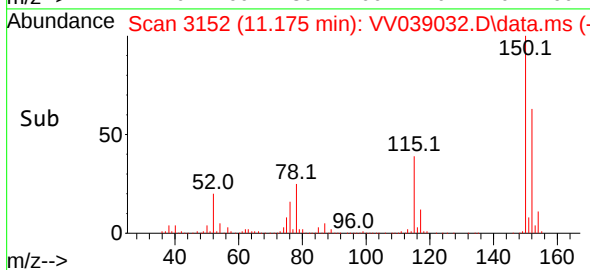
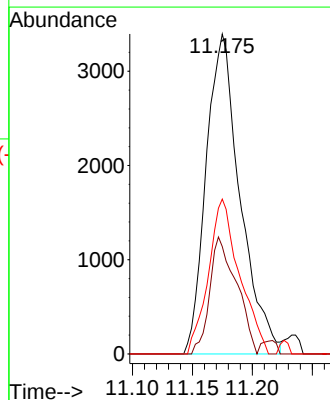
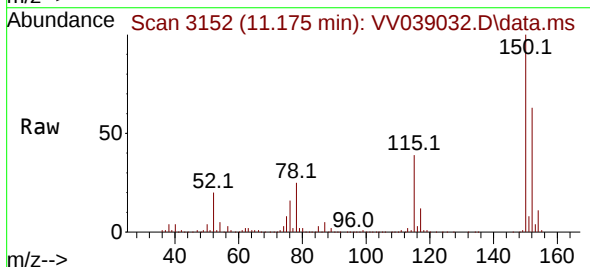
Manual Integrations
 APPROVED

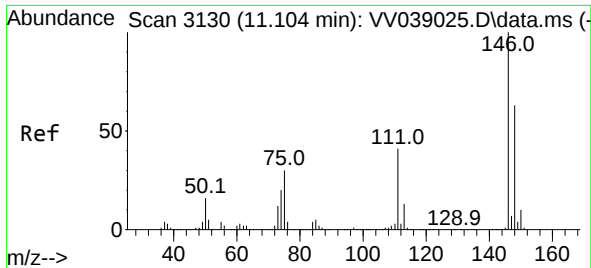
Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025



#86
 p-Isopropyltoluene
 Concen: 0.284 ug/l
 RT: 11.175 min Scan# 3152
 Delta R.T. 0.006 min
 Lab File: VV039032.D
 Acq: 25 Aug 2025 15:10

Tgt Ion:119 Resp: 6669
 Ion Ratio Lower Upper
 119 100
 134 29.0 13.1 39.1
 91 44.4 12.0 36.1#





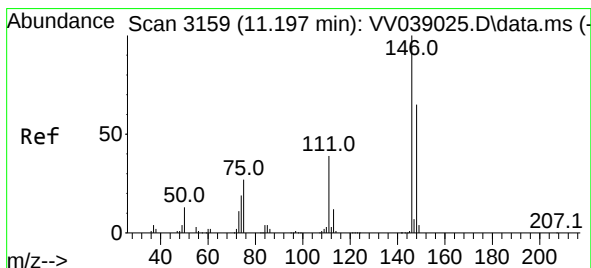
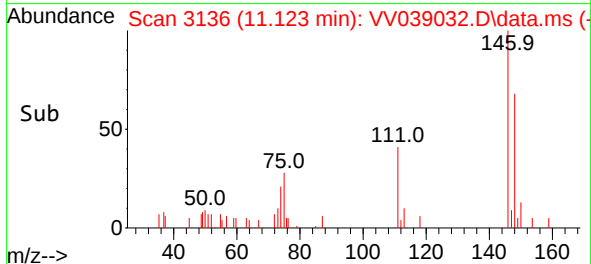
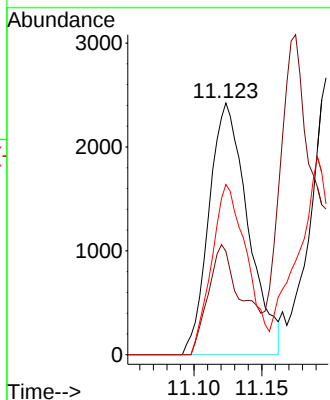
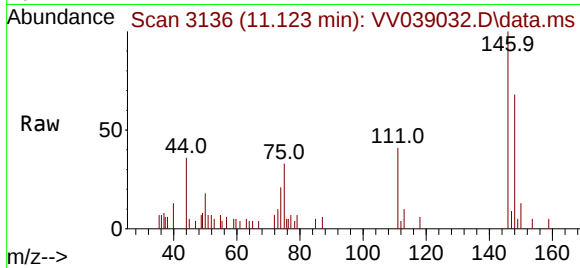
#87
1,3-Dichlorobenzene
Concen: 0.382 ug/l
RT: 11.123 min Scan# 3136
Delta R.T. 0.019 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

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

Tgt Ion:146 Resp: 4848
Ion Ratio Lower Upper
146 100
111 38.2 20.5 61.6
148 61.5 31.9 95.7

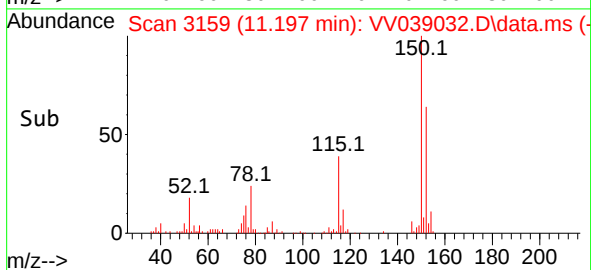
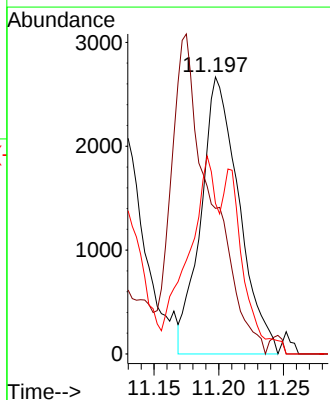
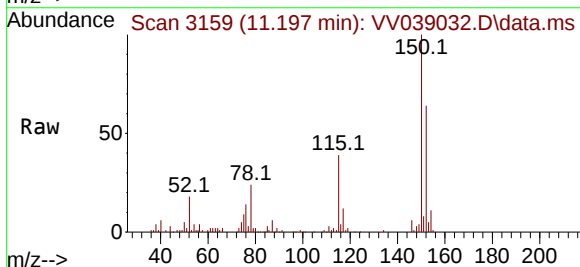
Manual Integrations
APPROVED

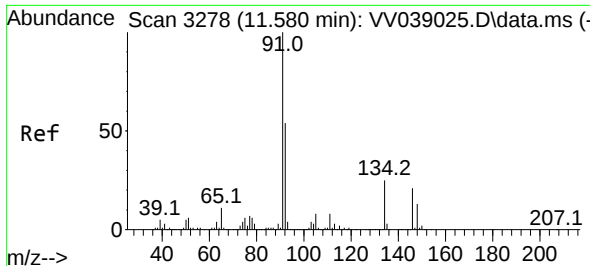
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#88
1,4-Dichlorobenzene
Concen: 0.398 ug/l m
RT: 11.197 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion:146 Resp: 5439
Ion Ratio Lower Upper
146 100
111 34.1 20.1 60.3
148 54.8 32.5 97.4





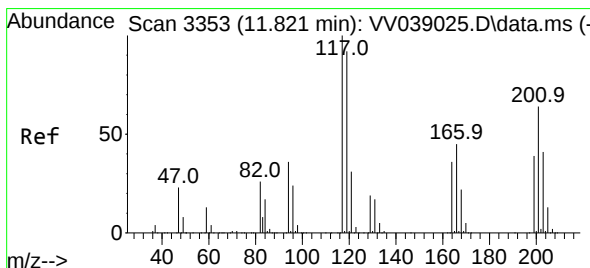
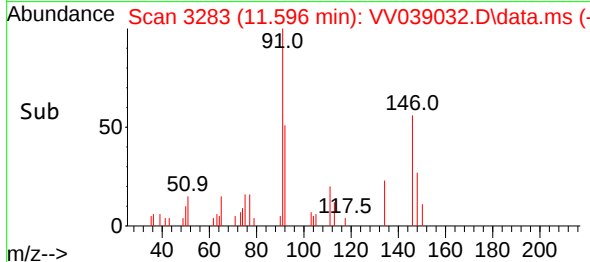
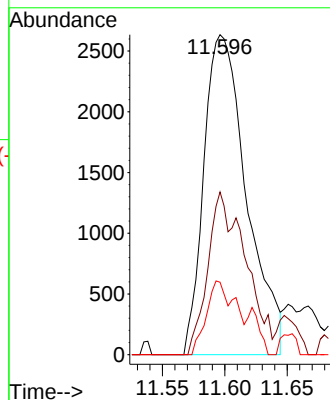
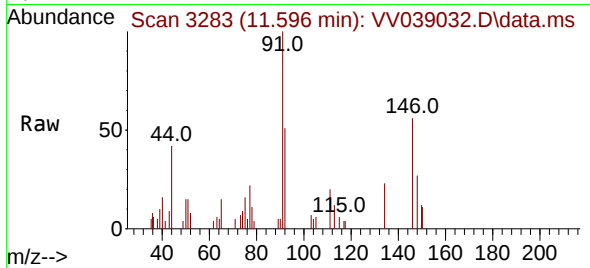
#89
n-Butylbenzene
Concen: 0.277 ug/l
RT: 11.596 min Scan# 31
Delta R.T. 0.016 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

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

Tgt Ion: 91 Resp: 627
Ion Ratio Lower Upper
91 100
92 45.1 26.8 80.4
134 15.5 12.2 36.6

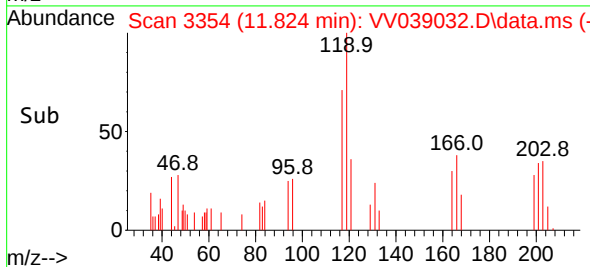
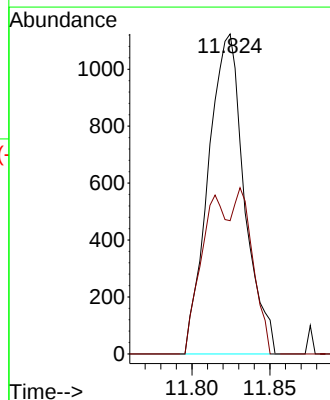
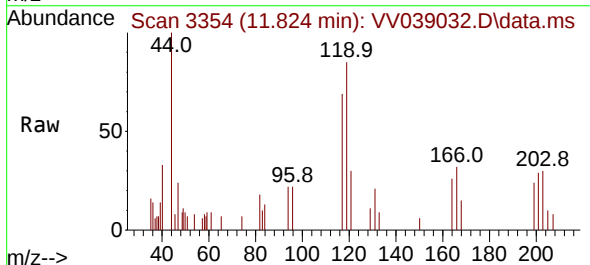
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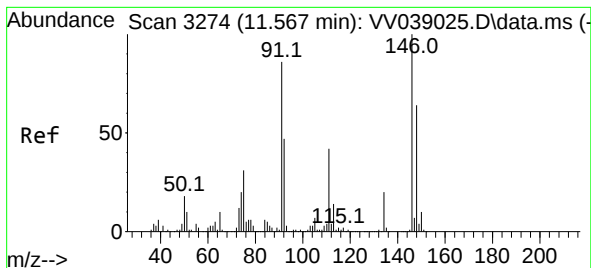
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#90
Hexachloroethane
Concen: 0.345 ug/l
RT: 11.824 min Scan# 3354
Delta R.T. 0.003 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion:117 Resp: 1808
Ion Ratio Lower Upper
117 100
201 38.6 32.2 96.6





#91

1,2-Dichlorobenzene

Concen: 0.322 ug/l m

RT: 11.590 min Scan# 31

Delta R.T. 0.023 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

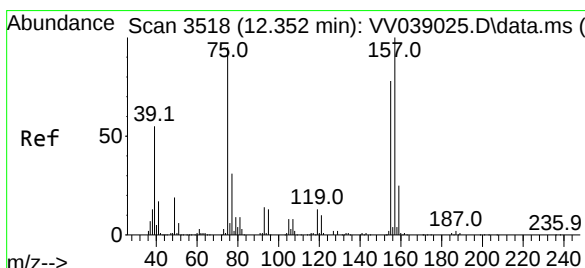
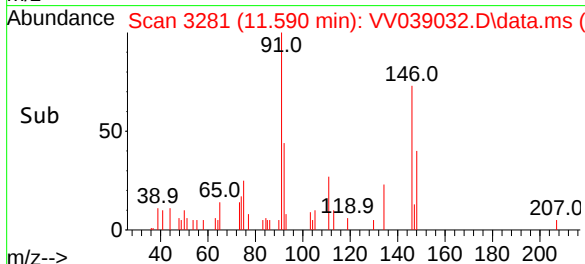
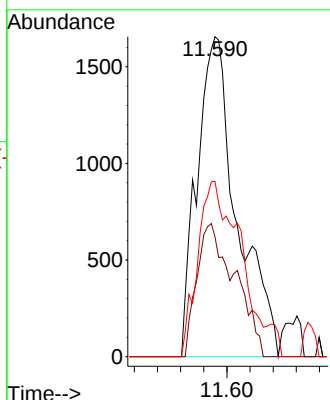
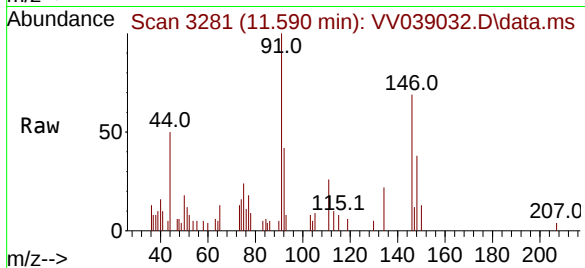
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	146	Resp:	396
Ion Ratio	Lower	Upper	
146	100		
111	39.6	21.1	63.4
148	58.0	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: 0.383 ug/l m

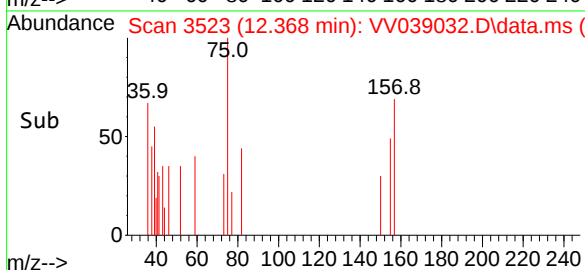
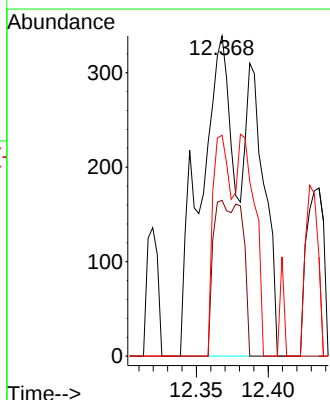
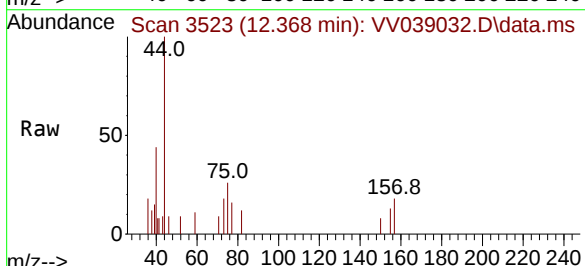
RT: 12.368 min Scan# 3523

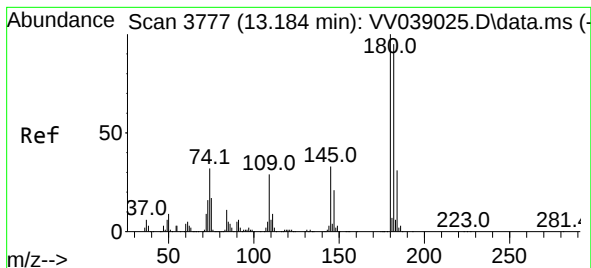
Delta R.T. 0.016 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

Tgt Ion:	75	Resp:	840
Ion Ratio	Lower	Upper	
75	100		
155	0.0	40.9	122.7#
157	0.0	53.4	160.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.365 ug/l

RT: 13.207 min Scan# 31

Delta R.T. 0.023 min

Lab File: VV039032.D

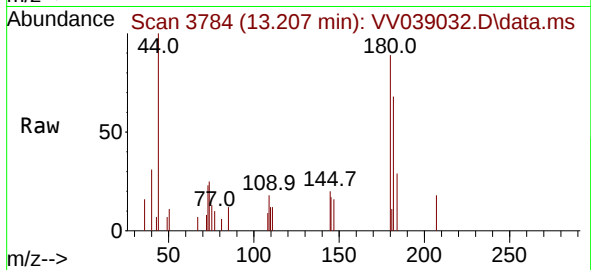
Acq: 25 Aug 2025 15:10

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



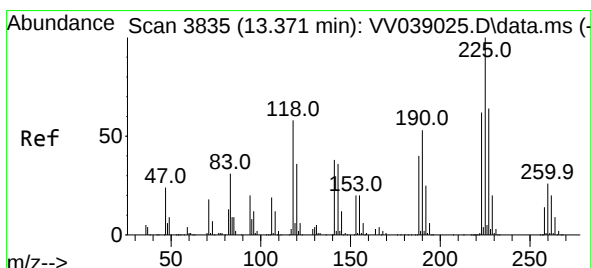
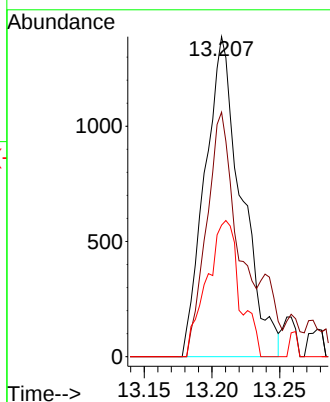
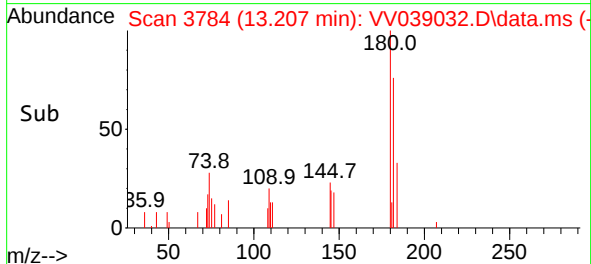
Tgt Ion:	180	Resp:	260
Ion Ratio	Lower	Upper	
180	100		
182	64.8	47.5	142.6
145	38.3	16.3	48.9

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Reviewed By :Mahesh Dadoda 08/27/2025

Supervised By :Semsettin Yesilyurt 08/27/2025



#94

Hexachlorobutadiene

Concen: 0.357 ug/l

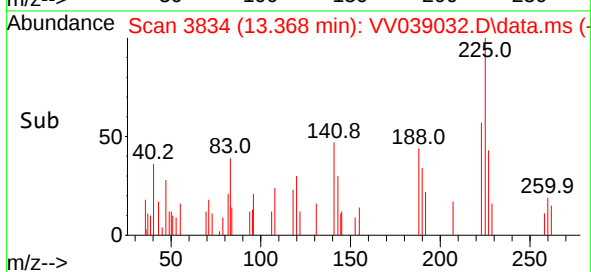
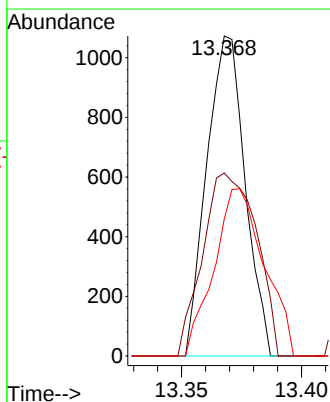
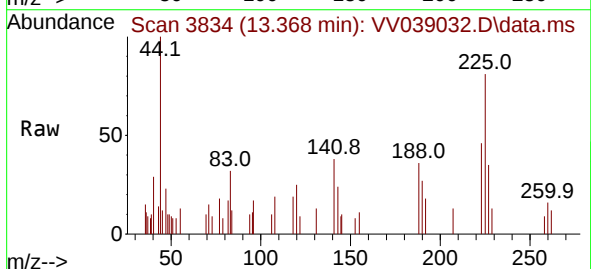
RT: 13.368 min Scan# 3834

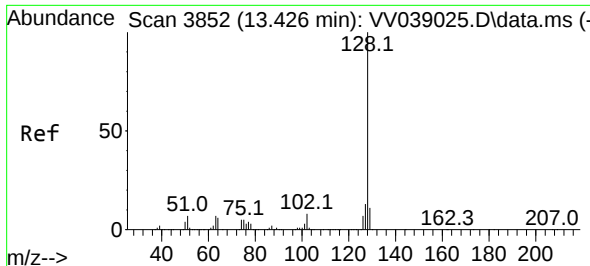
Delta R.T. -0.003 min

Lab File: VV039032.D

Acq: 25 Aug 2025 15:10

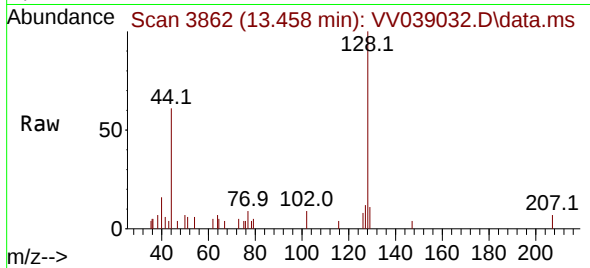
Tgt Ion:	225	Resp:	1191
Ion Ratio	Lower	Upper	
225	100		
223	80.1	32.1	96.5
227	68.5	31.6	95.0





#95
Naphthalene
Concen: 0.277 ug/l
RT: 13.458 min Scan# 3932
Delta R.T. 0.032 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

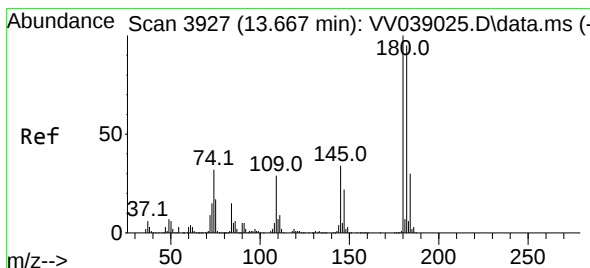
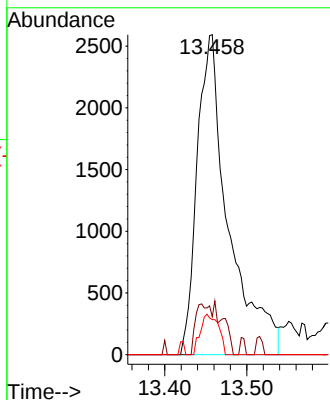
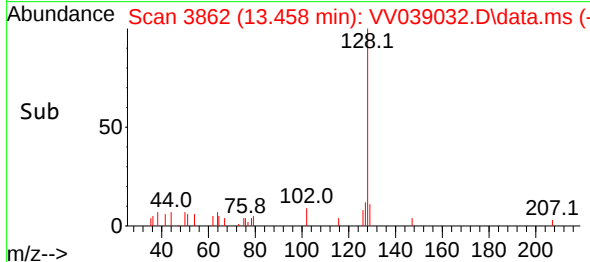
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:128 Resp: 6850
Ion Ratio Lower Upper
128 100
127 10.7 10.2 15.2
129 7.3 8.5 12.7

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



#96
1,2,3-Trichlorobenzene
Concen: 0.313 ug/l
RT: 13.686 min Scan# 3933
Delta R.T. 0.019 min
Lab File: VV039032.D
Acq: 25 Aug 2025 15:10

Tgt Ion:180 Resp: 2263
Ion Ratio Lower Upper
180 100
182 68.5 47.0 141.0
145 39.4 17.0 51.0

