

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
 Data File : VV039368.D
 Acq On : 12 Nov 2025 11:57
 Operator : SY/MD
 Sample : Q3530-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Quant Time: Nov 14 00:20:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 00:16:53 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	780738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1179331	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1104163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	580724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.934	65	529508	54.975	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 109.940%			
35) Dibromofluoromethane	4.497	113	454813	50.281	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 100.560%			
50) Toluene-d8	7.233	98	1328332	44.439	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 88.880%#			
62) 4-Bromofluorobenzene	9.998	95	480875	41.868	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 83.740%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.118	85	2239	0.480	ug/l	94
3) Chloromethane	1.230	50	1570	0.361	ug/l	94
4) Vinyl Chloride	1.298	62	1634	0.304	ug/l #	1
5) Bromomethane	1.507	94	2691	0.842	ug/l #	66
6) Chloroethane	1.552	64	5557m	1.403	ug/l	
7) Trichlorofluoromethane	1.725	101	3503	0.321	ug/l #	79
8) Diethyl Ether	1.915	74	902m	0.216	ug/l	
9) 1,1,2-Trichlorotrifluo...	2.082	101	2654	0.369	ug/l #	72
10) Methyl Iodide	2.201	142	4910	1.110	ug/l	94
11) Tert butyl alcohol	2.564	59	1293	1.253	ug/l #	73
12) 1,1-Dichloroethene	2.082	96	1831	0.322	ug/l #	76
13) Acrolein	2.027	56	552	5.702	ug/l #	47
14) Allyl chloride	2.362	41	2605	0.257	ug/l #	67
15) Acrylonitrile	2.712	53	3053m	0.762	ug/l	
16) Acetone	2.121	43	12069	2.368	ug/l	94
17) Carbon Disulfide	2.256	76	4698	0.523	ug/l	100
18) Methyl Acetate	2.410	43	4366m	0.320	ug/l	
19) Methyl tert-butyl Ether	2.712	73	6594	0.309	ug/l	94
20) Methylene Chloride	2.458	84	3649	0.464	ug/l #	81
21) trans-1,2-Dichloroethene	2.716	96	1528	0.271	ug/l	86
22) Diisopropyl ether	3.214	45	4409m	0.200	ug/l	
23) Vinyl Acetate	3.265	43	15392m	0.990	ug/l	
24) 1,1-Dichloroethane	3.134	63	3843	0.287	ug/l #	69
25) 2-Butanone	3.735	43	3220m	0.606	ug/l	
26) 2,2-Dichloropropane	3.806	77	3214m	0.286	ug/l	
27) cis-1,2-Dichloroethene	3.860	96	2749m	0.359	ug/l	
28) Bromochloromethane	4.166	49	2248m	0.384	ug/l	
29) Tetrahydrofuran	4.227	42	1149m	0.386	ug/l	
30) Chloroform	4.297	83	4013m	0.272	ug/l	
31) Cyclohexane	4.593	56	16671	1.991	ug/l #	25
32) 1,1,1-Trichloroethane	4.513	97	5037m	0.408	ug/l	
36) 1,1-Dichloropropene	4.760	75	3214m	0.413	ug/l	
37) Ethyl Acetate	3.973	43	1201m	0.100	ug/l	
38) Carbon Tetrachloride	4.728	117	5096m	0.440	ug/l	
39) Methylcyclohexane	6.050	83	2169	0.261	ug/l #	79
40) Benzene	5.037	78	6431m	0.236	ug/l	

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Quant Time: Nov 14 00:20:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 00:16:53 2025
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :John Carlone 11/14/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.159	41	473	0.111	ug/l	#	1
42) 1,2-Dichloroethane	5.056	62	5132m	0.483	ug/l		
43) Isopropyl Acetate	5.188	43	250	0.016	ug/l	#	4
44) Trichloroethene	5.847	130	2804	0.379	ug/l		52
45) 1,2-Dichloropropane	6.104	63	1532m	0.208	ug/l		
46) Dibromomethane	6.256	93	2310m	0.390	ug/l		
47) Bromodichloromethane	6.449	83	4947m	0.385	ug/l		
48) Methyl methacrylate	6.281	41	1923m	0.259	ug/l		
49) 1,4-Dioxane	6.262	88	767m	6.706	ug/l		
51) 4-Methyl-2-Pentanone	7.166	43	10869	0.997	ug/l	#	87
52) Toluene	7.323	92	4946	0.290	ug/l		85
53) t-1,3-Dichloropropene	7.606	75	2857m	0.259	ug/l		
54) cis-1,3-Dichloropropene	6.976	75	2644m	0.225	ug/l		
55) 1,1,2-Trichloroethane	7.786	97	2281	0.264	ug/l	#	74
56) Ethyl methacrylate	7.696	69	417m	0.040	ug/l		
57) 1,3-Dichloropropane	7.960	76	3686	0.277	ug/l		94
58) 2-Chloroethyl Vinyl ether	6.876	63	4590m	1.547	ug/l		
59) 2-Hexanone	8.114	43	9997m	1.283	ug/l		
60) Dibromochloromethane	8.178	129	3429	0.310	ug/l		90
61) 1,2-Dibromoethane	8.313	107	2986m	0.354	ug/l		
64) Tetrachloroethene	7.902	164	2052m	0.301	ug/l		
65) Chlorobenzene	8.809	112	7483	0.340	ug/l	#	82
66) 1,1,1,2-Tetrachloroethane	8.902	131	2760	0.301	ug/l	#	53
67) Ethyl Benzene	8.953	91	7904	0.249	ug/l		95
68) m/p-Xylenes	9.082	106	6457	0.538	ug/l	#	60
69) o-Xylene	9.490	106	2777	0.244	ug/l		84
70) Styrene	9.542	104	5701m	0.281	ug/l		
71) Bromoform	9.670	173	3390	0.398	ug/l	#	89
73) Isopropylbenzene	9.866	105	7352	0.259	ug/l		93
74) N-amyl acetate	9.757	43	1642m	0.148	ug/l		
75) 1,1,2,2-Tetrachloroethane	10.181	83	2946	0.239	ug/l	#	70
76) 1,2,3-Trichloropropane	10.207	75	3321m	0.368	ug/l		
77) Bromobenzene	10.149	156	2951	0.337	ug/l		97
78) n-propylbenzene	10.291	91	8813	0.271	ug/l		94
79) 2-Chlorotoluene	10.358	91	5353	0.257	ug/l		92
80) 1,3,5-Trimethylbenzene	10.471	105	6749	0.291	ug/l		99
81) trans-1,4-Dichloro-2-b...	9.950	75	838m	0.249	ug/l		
82) 4-Chlorotoluene	10.484	91	5956	0.256	ug/l		92
83) tert-Butylbenzene	10.792	119	7012	0.275	ug/l		85
84) 1,2,4-Trimethylbenzene	10.847	105	6678	0.296	ug/l		88
85) sec-Butylbenzene	11.017	105	7836	0.259	ug/l		89
86) p-Isopropyltoluene	11.169	119	8521	0.327	ug/l		81
87) 1,3-Dichlorobenzene	11.117	146	5705	0.340	ug/l		81
88) 1,4-Dichlorobenzene	11.194	146	7641m	0.417	ug/l		
89) n-Butylbenzene	11.590	91	7435	0.320	ug/l		91
90) Hexachloroethane	11.818	117	2547	0.392	ug/l		95
91) 1,2-Dichlorobenzene	11.583	146	4869	0.296	ug/l		92
92) 1,2-Dibromo-3-Chloropr...	12.387	75	698m	0.275	ug/l		
93) 1,2,4-Trichlorobenzene	13.201	180	3461	0.332	ug/l		94
94) Hexachlorobutadiene	13.368	225	4095	0.737	ug/l		100
95) Naphthalene	13.451	128	7538	0.270	ug/l	#	92
96) 1,2,3-Trichlorobenzene	13.683	180	3591	0.334	ug/l	#	89

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Instrument :
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LOD-MDL-WATER-01-QT4-2025

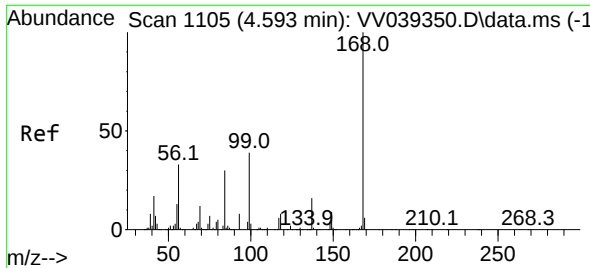
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 14 00:16:53 2025
Response via : Initial Calibration

Manual Integrations
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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



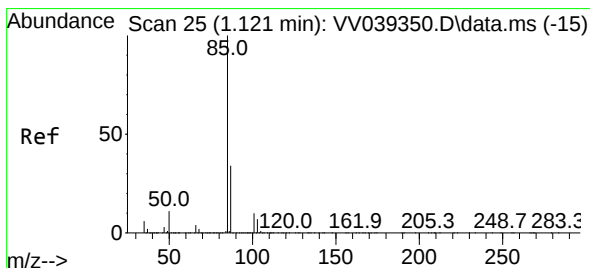
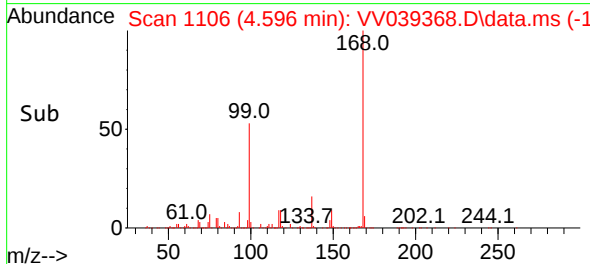
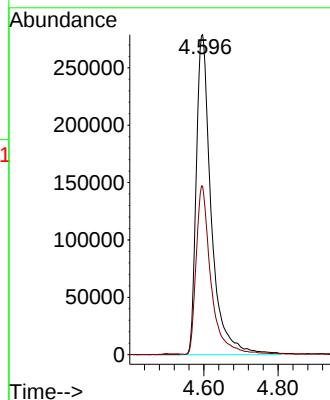
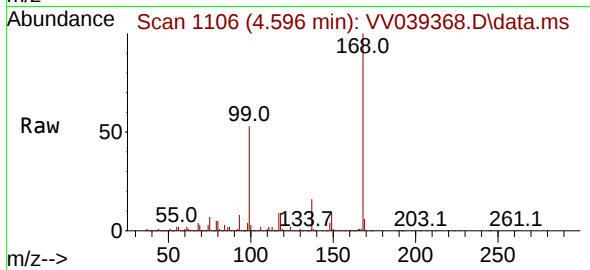
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:168 Resp: 780738
Ion Ratio Lower Upper
168 100
99 52.4 41.2 61.8

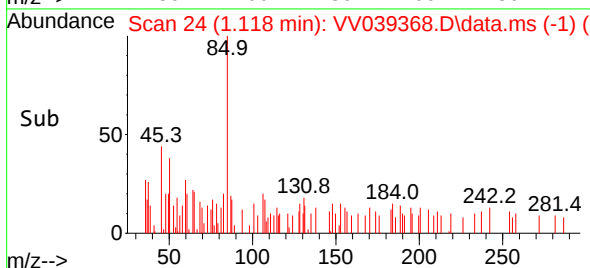
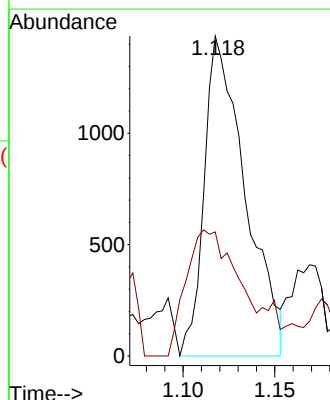
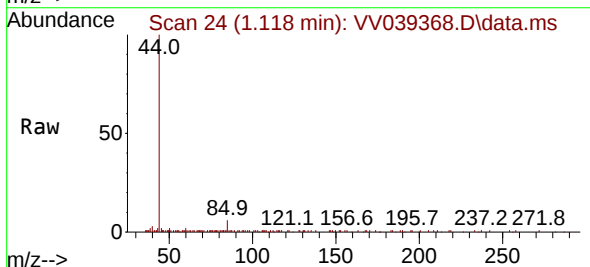
Manual Integrations
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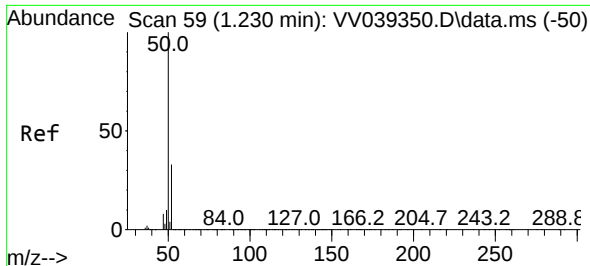
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Supervised By :Mahesh Dadoda 11/14/2025



#2
Dichlorodifluoromethane
Concen: 0.480 ug/l
RT: 1.118 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

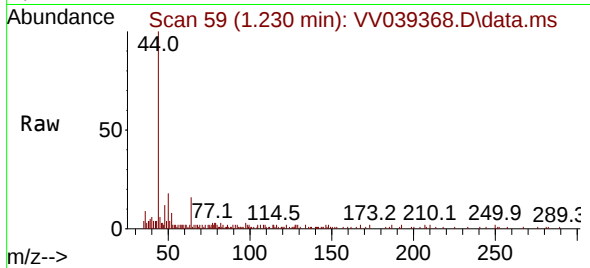
Tgt Ion: 85 Resp: 2239
Ion Ratio Lower Upper
85 100
87 30.5 16.9 50.7





#3
Chloromethane
Concen: 0.361 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

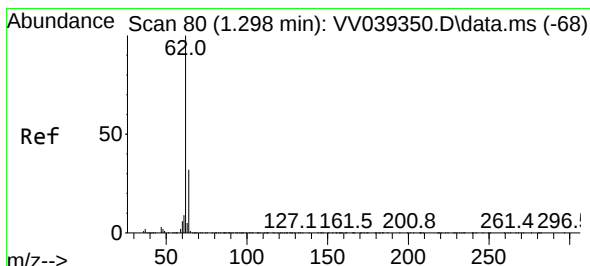
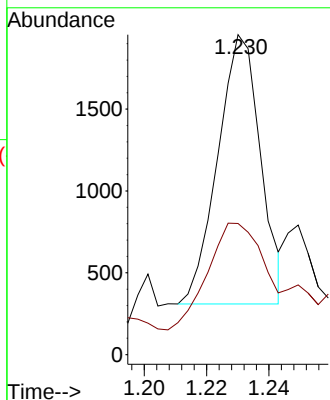
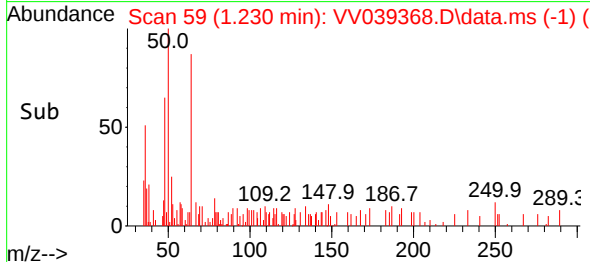
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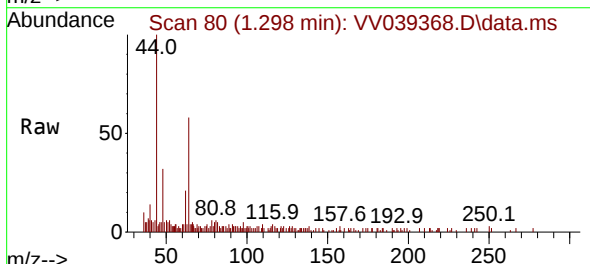
Tgt Ion: 50 Resp: 1570
Ion Ratio Lower Upper
50 100
52 36.8 26.6 39.8

Manual Integrations
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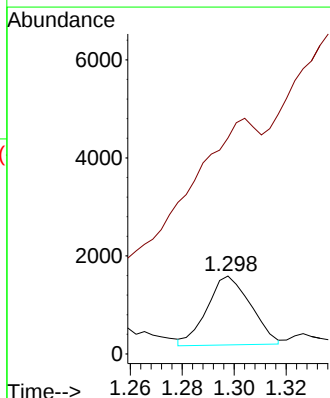
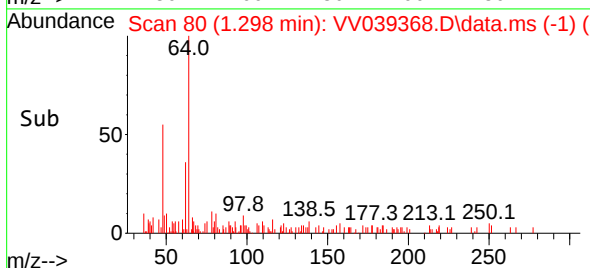
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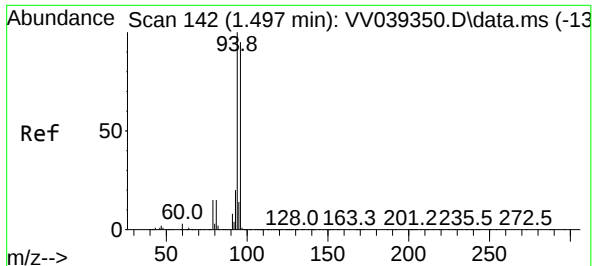


#4
Vinyl Chloride
Concen: 0.304 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57



Tgt Ion: 62 Resp: 1634
Ion Ratio Lower Upper
62 100
64 100.5 25.3 37.9





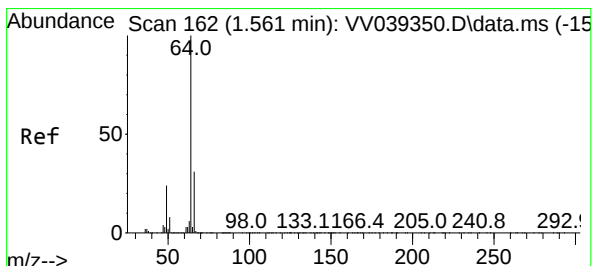
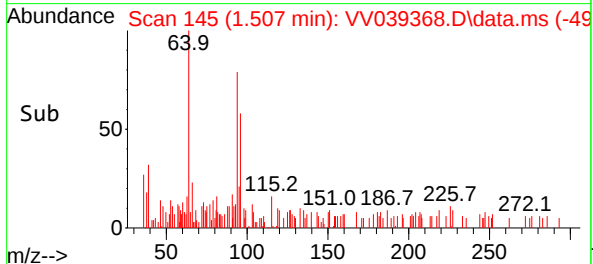
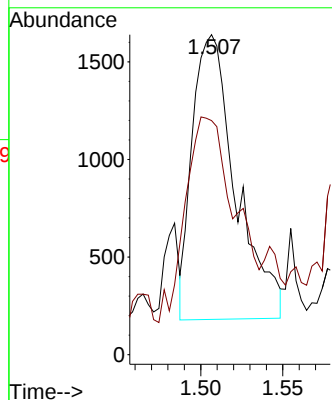
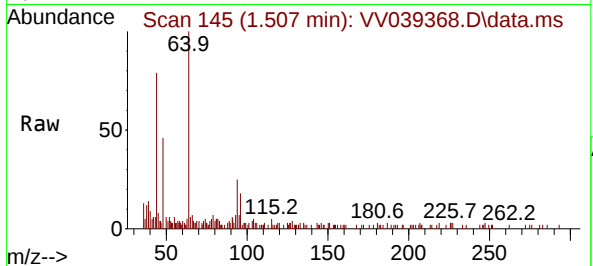
#5
Bromomethane
Concen: 0.842 ug/l
RT: 1.507 min Scan# 144
Delta R.T. 0.010 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 94 Resp: 269
Ion Ratio Lower Upper
94 100
96 62.1 75.6 113.4

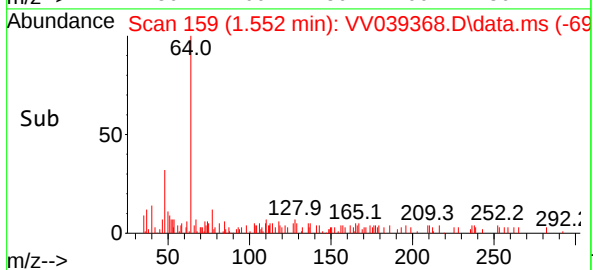
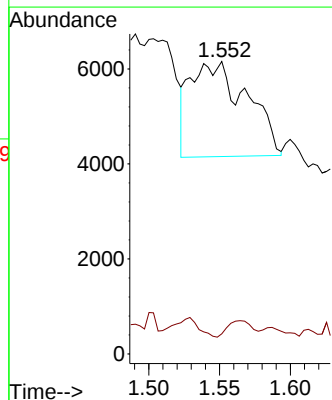
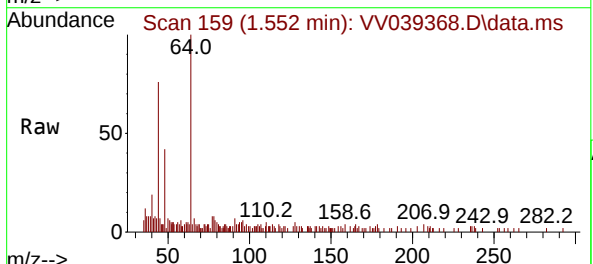
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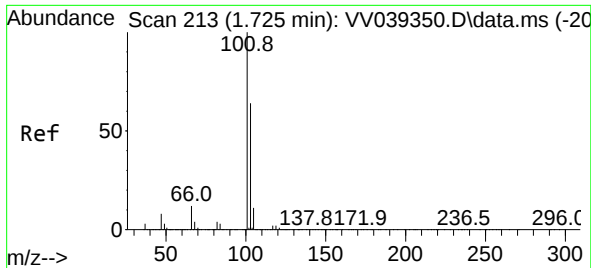
Reviewed By :John Carlone 11/14/2025
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#6
Chloroethane
Concen: 1.403 ug/l m
RT: 1.552 min Scan# 159
Delta R.T. -0.010 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

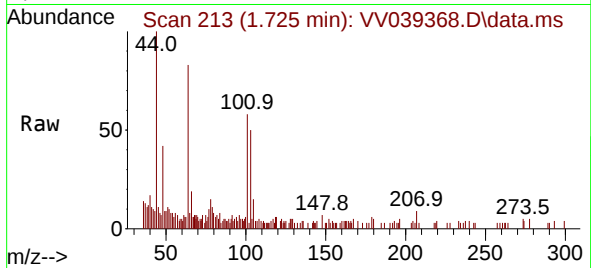
Tgt Ion: 64 Resp: 5557
Ion Ratio Lower Upper
64 100
66 6.9 24.7 37.1





#7
Trichlorofluoromethane
Concen: 0.321 ug/l
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

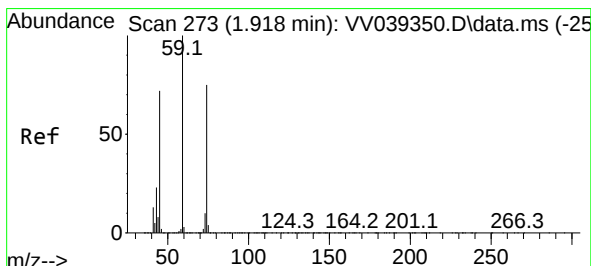
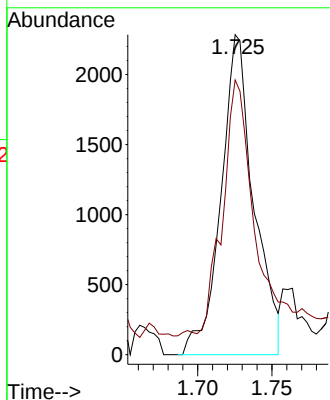
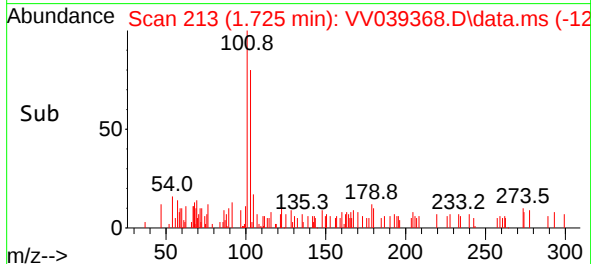
Instrument : MSVOA_V
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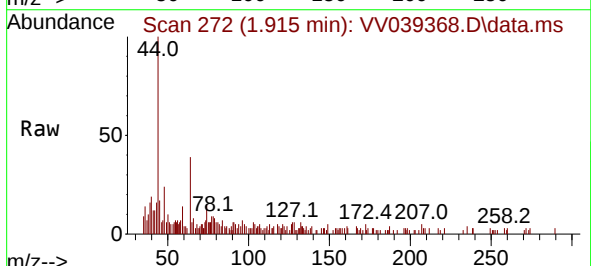
Tgt Ion:101 Resp: 350
Ion Ratio Lower Upper
101 100
103 80.0 50.9 76.3

Manual Integrations
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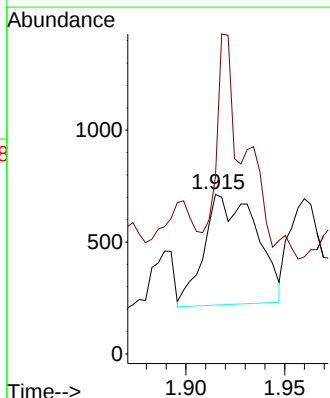
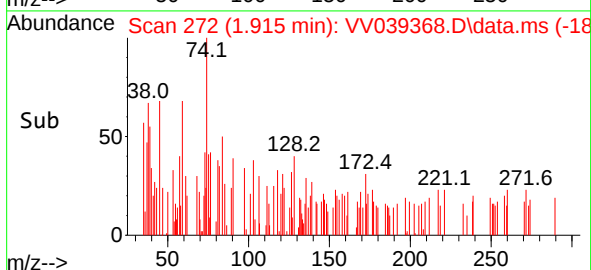
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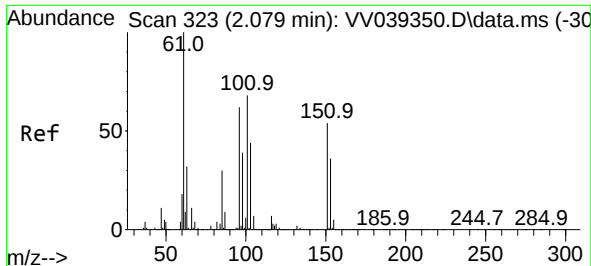


#8
Diethyl Ether
Concen: 0.216 ug/l m
RT: 1.915 min Scan# 272
Delta R.T. -0.003 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57



Tgt Ion: 74 Resp: 902
Ion Ratio Lower Upper
74 100
45 14.6 50.6 151.8





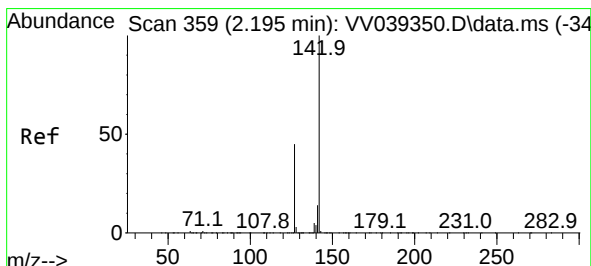
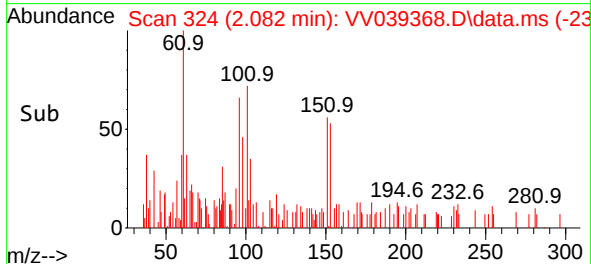
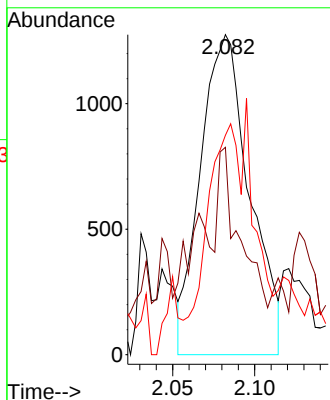
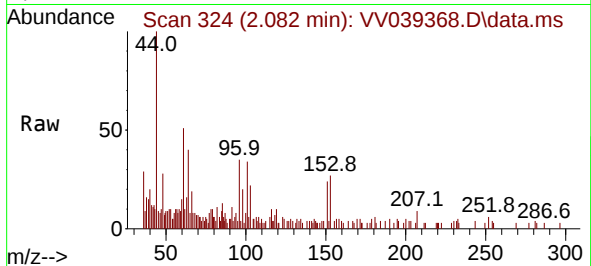
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.369 ug/l
RT: 2.082 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:101 Resp: 2654
Ion Ratio Lower Upper
101 100
85 20.0 33.5 50.3
151 57.5 63.6 95.4

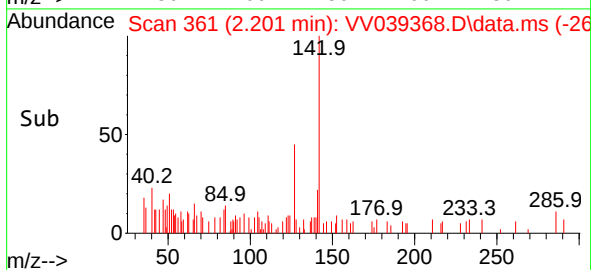
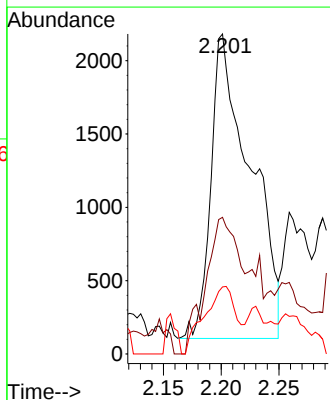
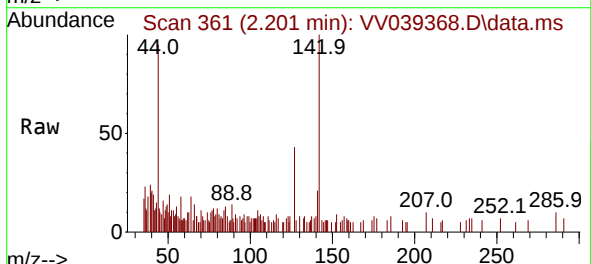
Manual Integrations
APPROVED

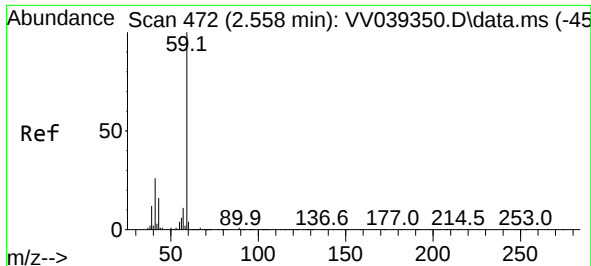
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#10
Methyl Iodide
Concen: 1.110 ug/l
RT: 2.201 min Scan# 361
Delta R.T. 0.006 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Tgt Ion:142 Resp: 4910
Ion Ratio Lower Upper
142 100
127 40.3 35.1 52.7
141 17.5 11.9 17.9





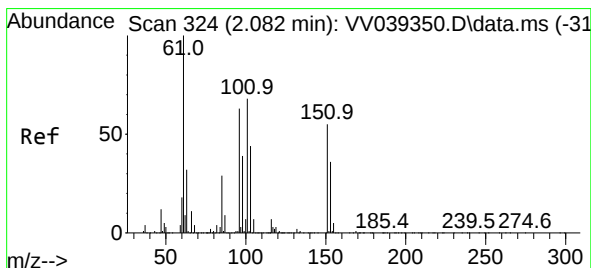
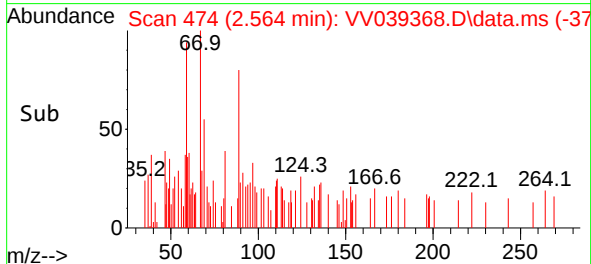
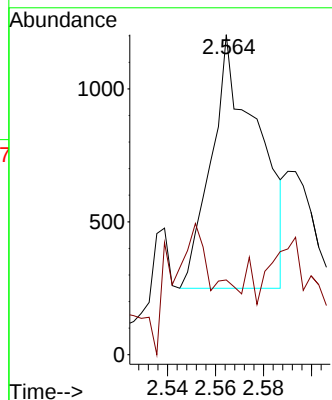
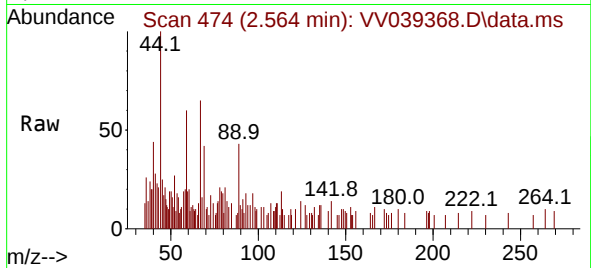
#11
Tert butyl alcohol
Concen: 1.253 ug/l
RT: 2.564 min Scan# 472
Delta R.T. 0.006 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 59 Resp: 129
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0

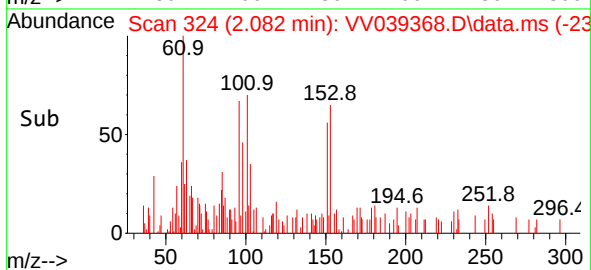
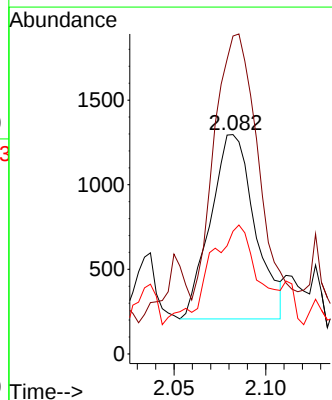
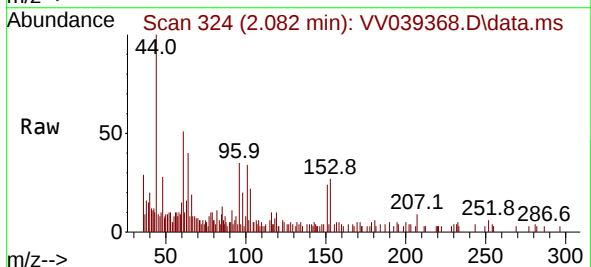
Manual Integrations
APPROVED

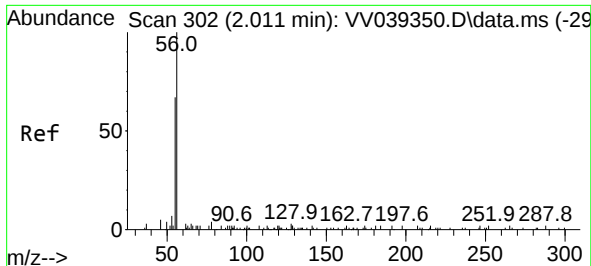
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#12
1,1-Dichloroethene
Concen: 0.322 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

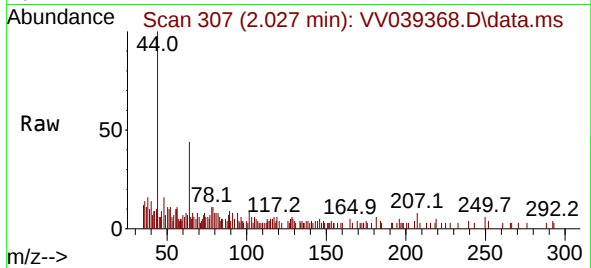
Tgt Ion: 96 Resp: 1831
Ion Ratio Lower Upper
96 100
61 127.9 127.8 191.6
98 43.7 50.2 75.2





#13
Acrolein
Concen: 5.702 ug/l
RT: 2.027 min Scan# 307
Delta R.T. 0.016 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

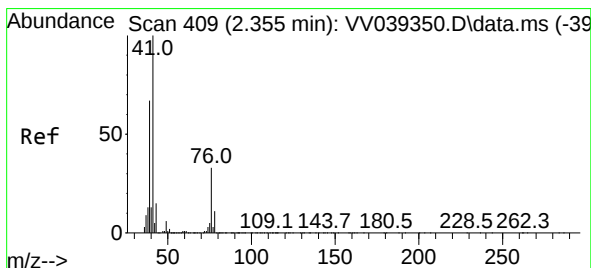
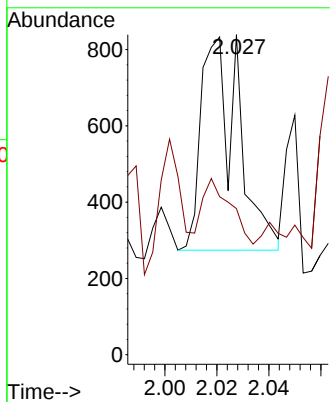
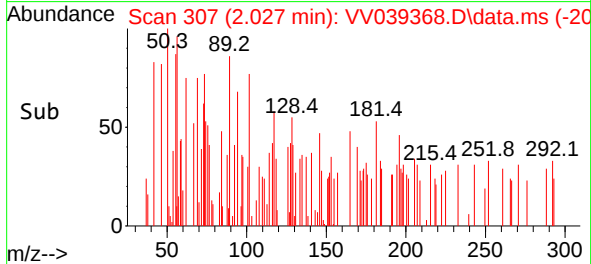
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 56 Resp: 552
Ion Ratio Lower Upper
56 100
55 26.1 55.2 82.8

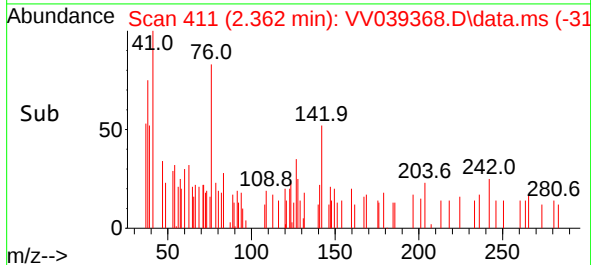
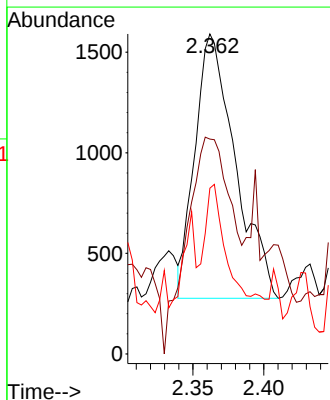
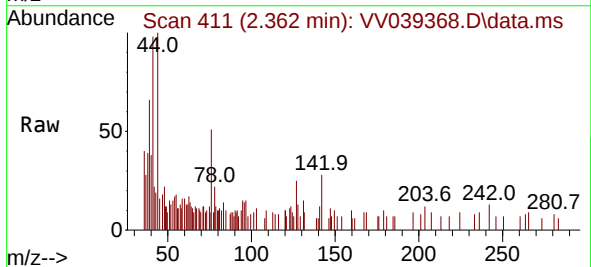
Manual Integrations
APPROVED

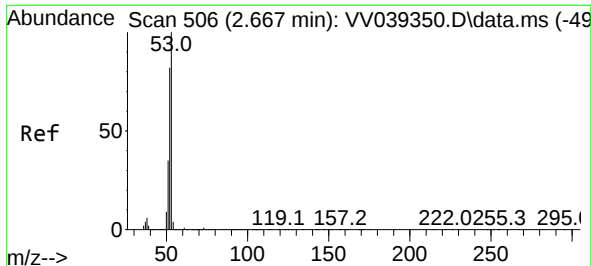
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#14
Allyl chloride
Concen: 0.257 ug/l
RT: 2.362 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

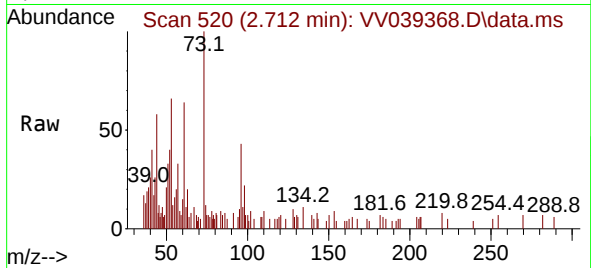
Tgt Ion: 41 Resp: 2605
Ion Ratio Lower Upper
41 100
39 91.3 50.7 76.1#
76 18.7 27.0 40.6#





#15
Acrylonitrile
Concen: 0.762 ug/l m
RT: 2.712 min Scan# 51
Delta R.T. 0.045 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

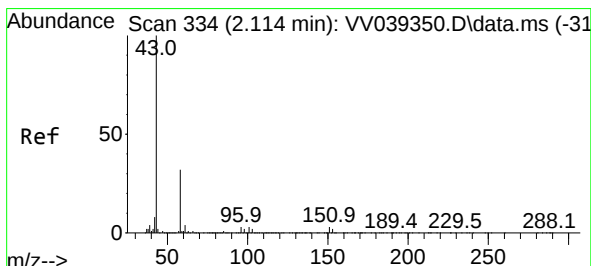
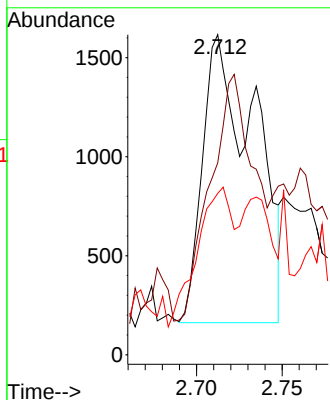
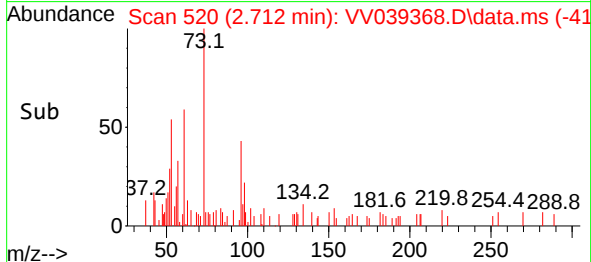
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 53 Resp: 305
Ion Ratio Lower Upper
53 100
52 4.5 65.2 97.8
51 4.4 28.4 42.6

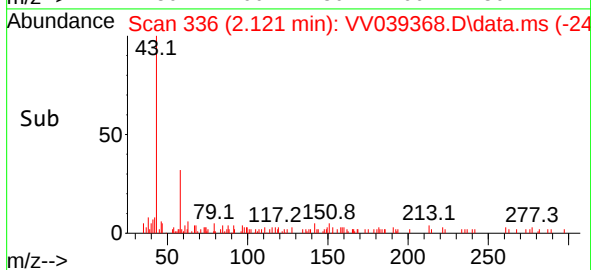
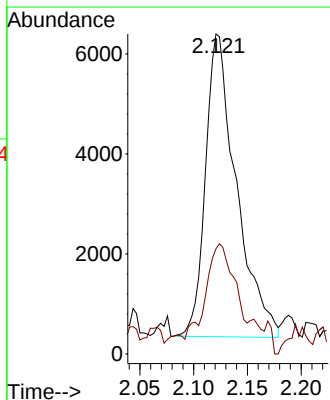
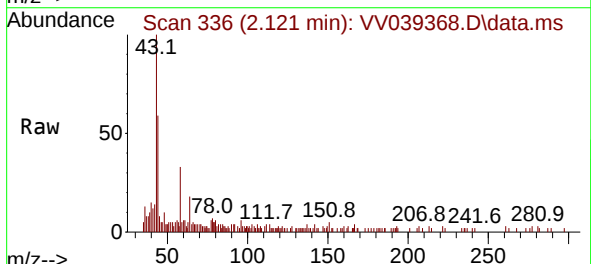
Manual Integrations
APPROVED

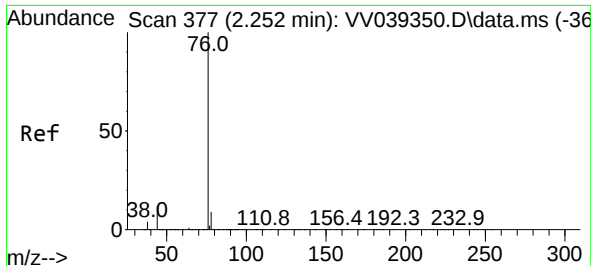
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#16
Acetone
Concen: 2.368 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.006 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

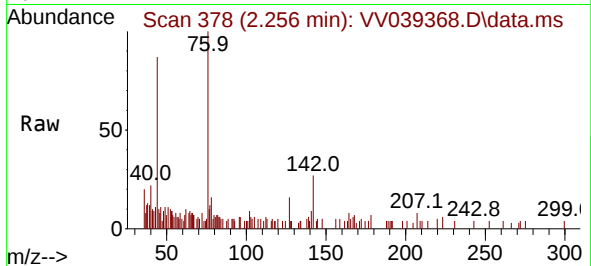
Tgt Ion: 43 Resp: 12069
Ion Ratio Lower Upper
43 100
58 35.0 25.5 38.3





#17
Carbon Disulfide
Concen: 0.523 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

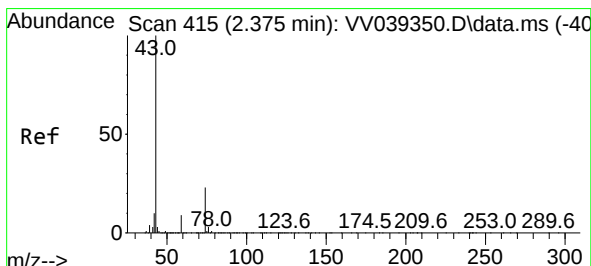
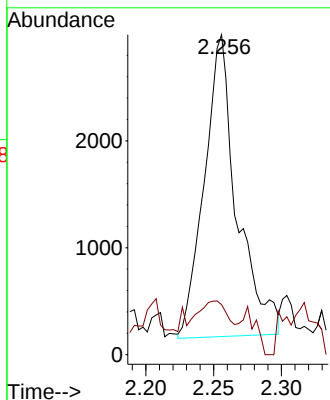
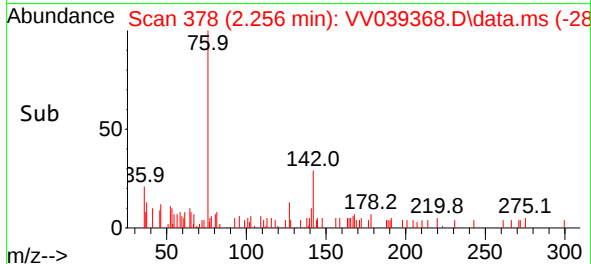
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



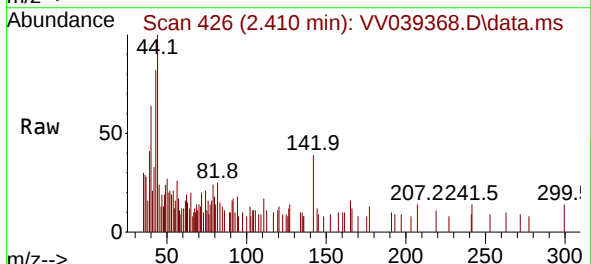
Tgt Ion: 76 Resp: 4698
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

Manual Integrations
APPROVED

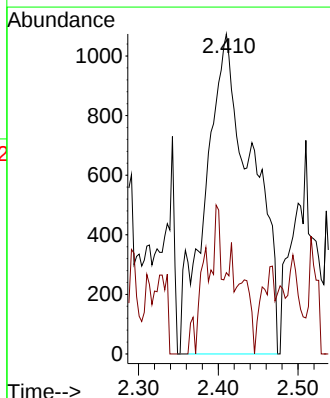
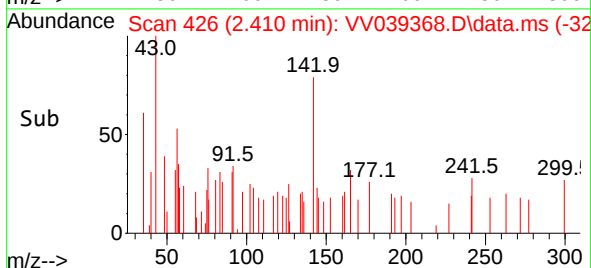
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

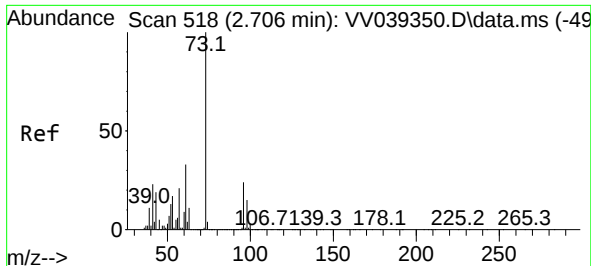


#18
Methyl Acetate
Concen: 0.320 ug/l m
RT: 2.410 min Scan# 426
Delta R.T. 0.035 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57



Tgt Ion: 43 Resp: 4366
Ion Ratio Lower Upper
43 100
74 2.3 18.9 28.3#





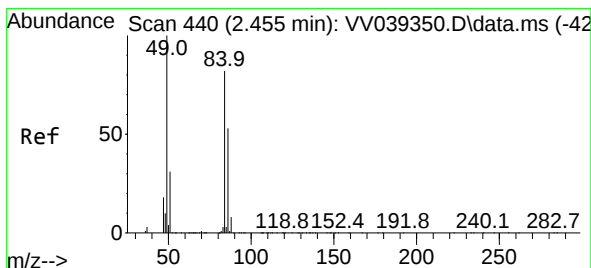
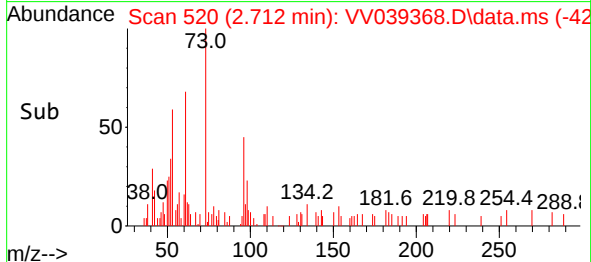
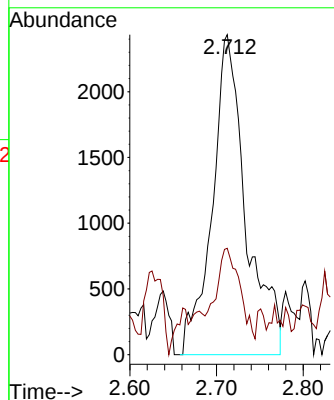
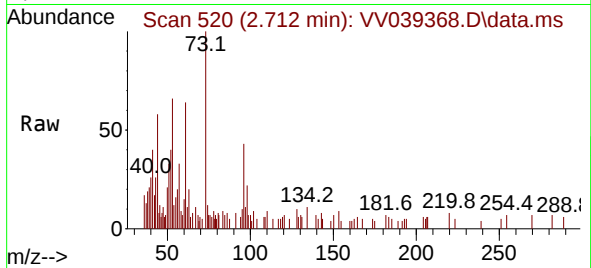
#19
Methyl tert-butyl Ether
Concen: 0.309 ug/l
RT: 2.712 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 73 Resp: 6594
Ion Ratio Lower Upper
73 100
57 23.9 17.0 25.6

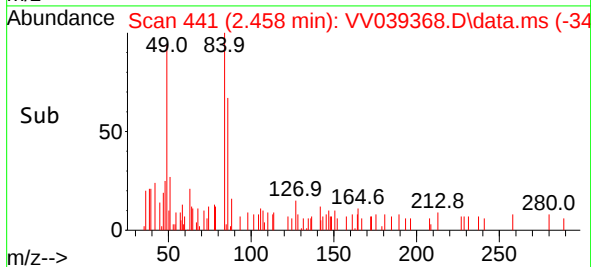
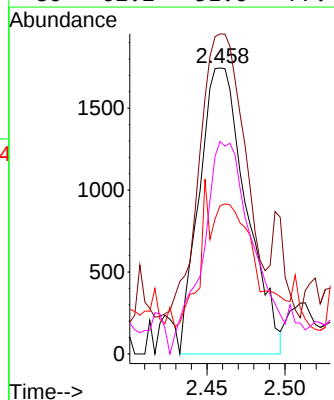
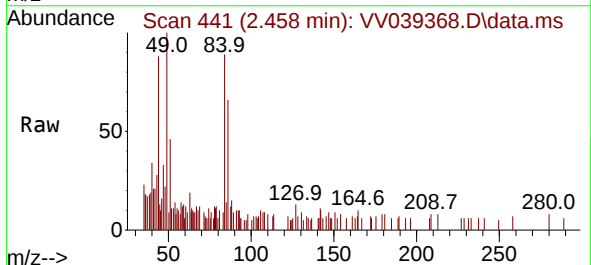
Manual Integrations
APPROVED

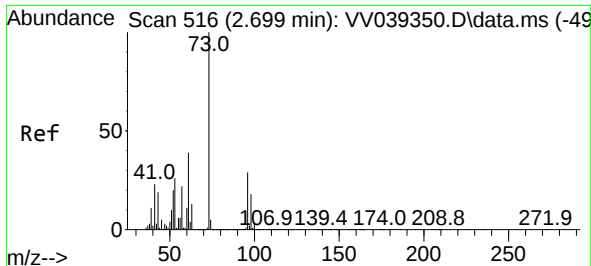
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#20
Methylene Chloride
Concen: 0.464 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

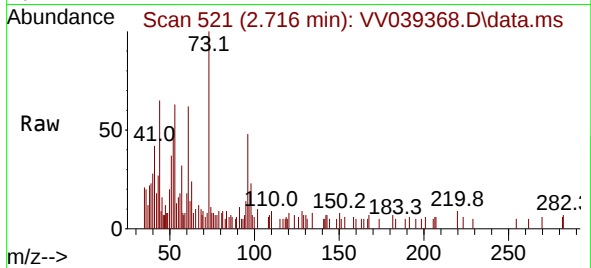
Tgt Ion: 84 Resp: 3649
Ion Ratio Lower Upper
84 100
49 86.6 97.8 146.8#
51 40.8 30.2 45.4
86 62.2 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 0.271 ug/l
RT: 2.716 min Scan# 516
Delta R.T. 0.016 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

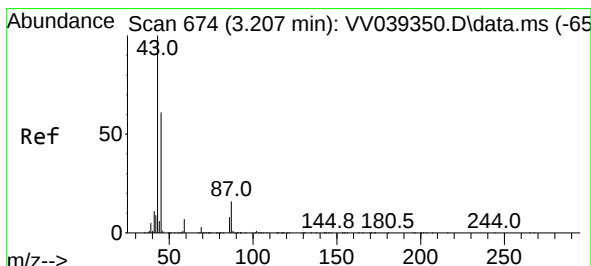
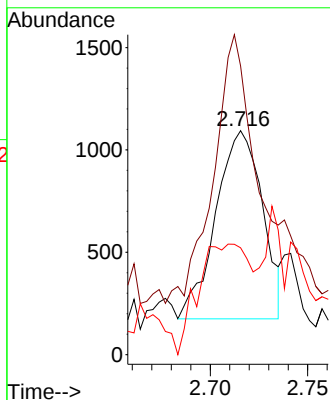
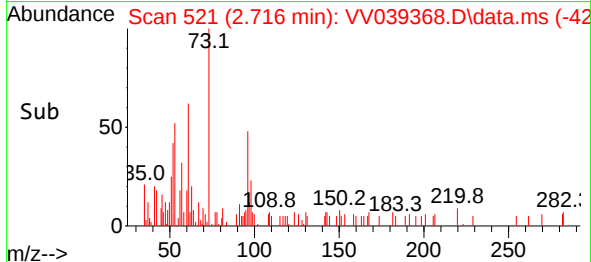
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 96 Resp: 1528
Ion Ratio Lower Upper
96 100
61 117.2 108.9 163.3
98 56.8 51.7 77.5

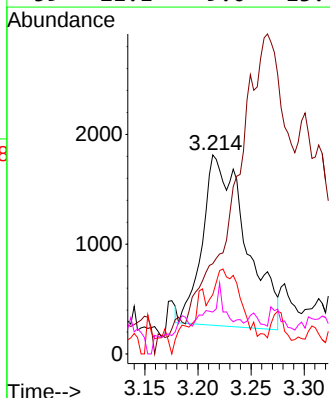
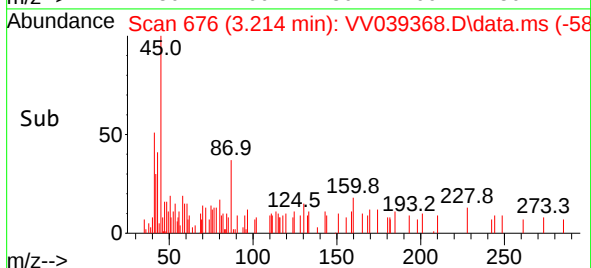
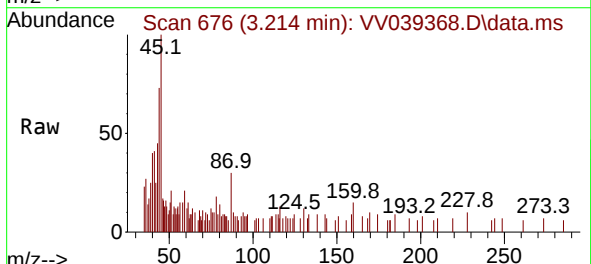
Manual Integrations
APPROVED

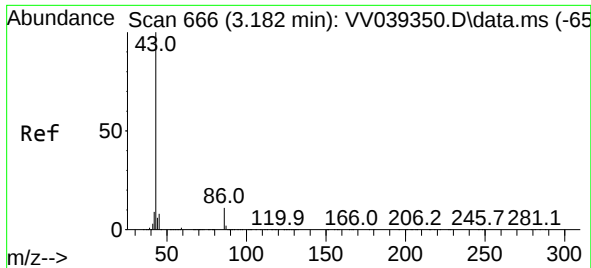
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#22
Diisopropyl ether
Concen: 0.200 ug/l m
RT: 3.214 min Scan# 676
Delta R.T. 0.006 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

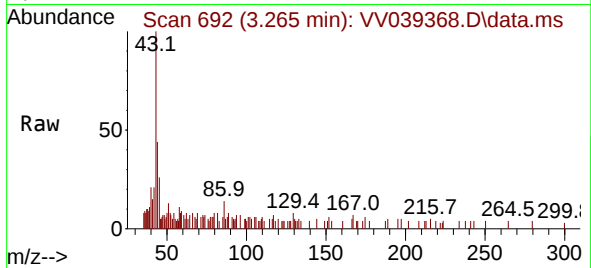
Tgt Ion: 45 Resp: 4409
Ion Ratio Lower Upper
45 100
43 45.4 132.1 198.1#
87 29.8 21.8 32.6
59 21.1 9.0 13.4#





#23
 Vinyl Acetate
 Concen: 0.990 ug/l m
 RT: 3.265 min Scan# 61
 Delta R.T. 0.084 min
 Lab File: VV039368.D
 Acq: 12 Nov 2025 11:57

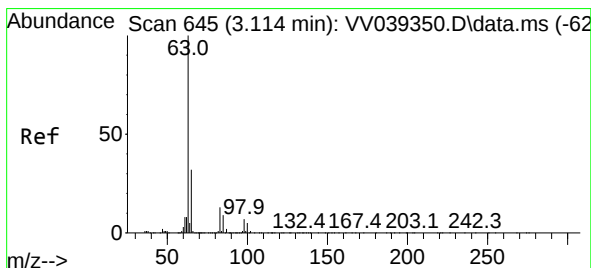
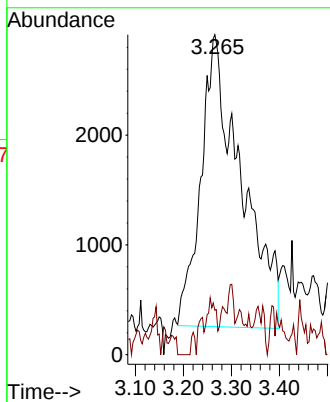
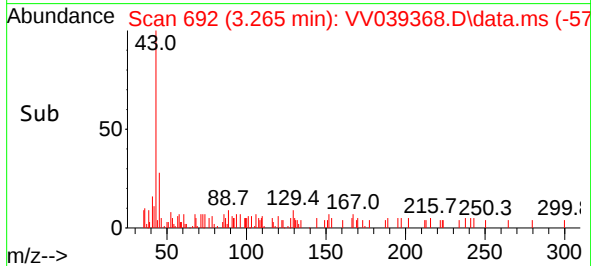
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



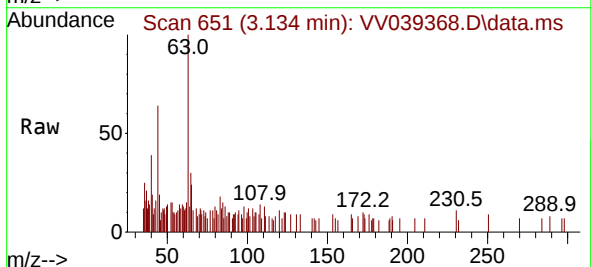
Tgt Ion: 43 Resp: 15392
 Ion Ratio Lower Upper
 43 100
 86 13.9 8.6 12.8

Manual Integrations
 APPROVED

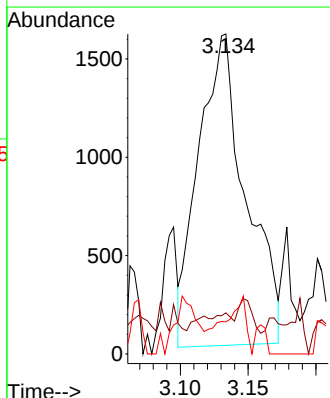
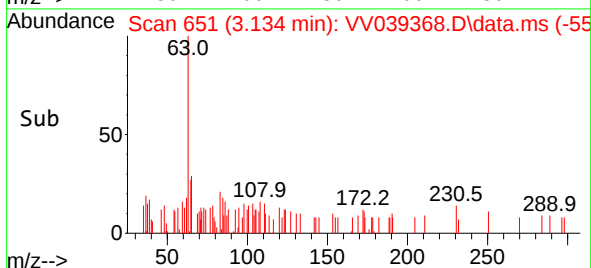
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025

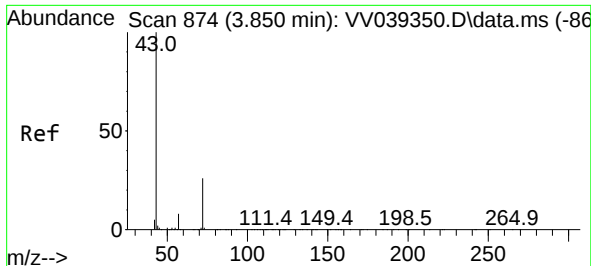


#24
 1,1-Dichloroethane
 Concen: 0.287 ug/l
 RT: 3.134 min Scan# 651
 Delta R.T. 0.019 min
 Lab File: VV039368.D
 Acq: 12 Nov 2025 11:57



Tgt Ion: 63 Resp: 3843
 Ion Ratio Lower Upper
 63 100
 98 4.1 3.5 10.5
 100 25.9 2.3 6.9





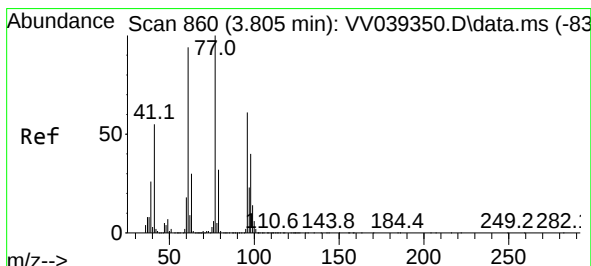
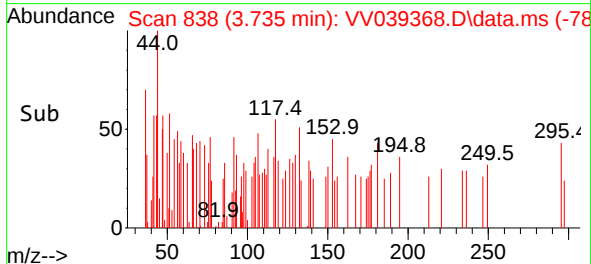
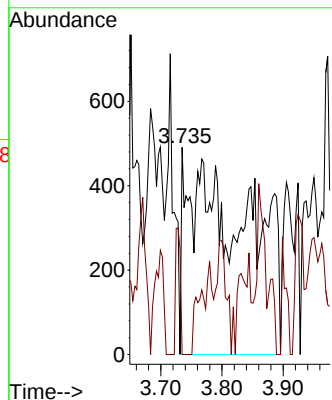
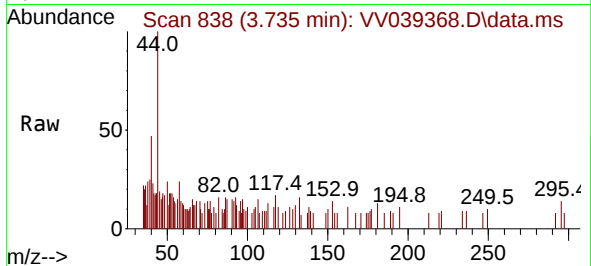
#25
2-Butanone
Concen: 0.606 ug/l m
RT: 3.735 min Scan# 81
Delta R.T. -0.116 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43 Resp: 3220
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7

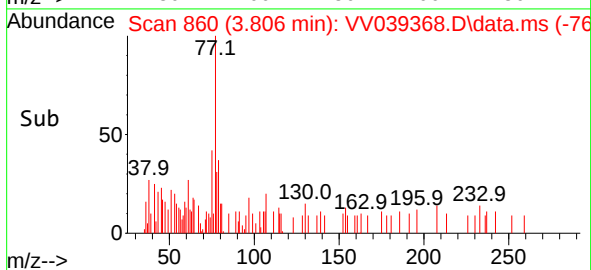
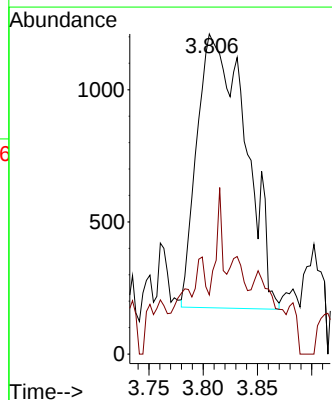
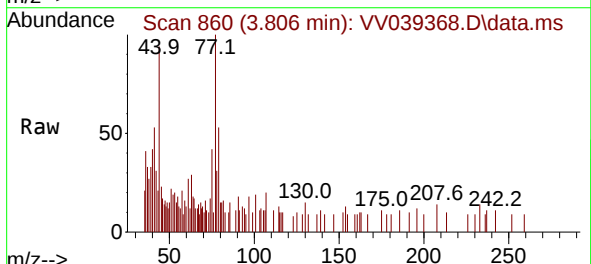
Manual Integrations
APPROVED

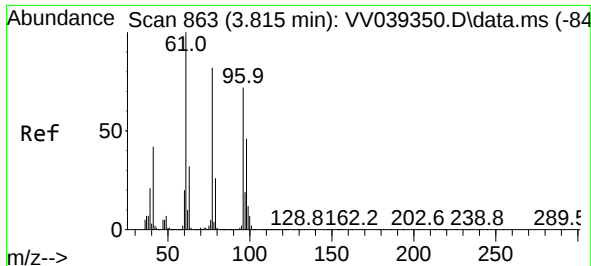
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#26
2,2-Dichloropropane
Concen: 0.286 ug/l m
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

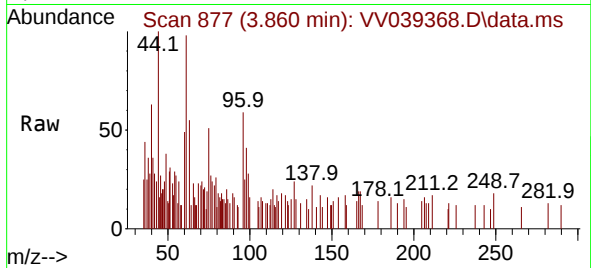
Tgt Ion: 77 Resp: 3214
Ion Ratio Lower Upper
77 100
97 0.6 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 0.359 ug/l m
 RT: 3.860 min Scan# 81
 Delta R.T. 0.045 min
 Lab File: VV039368.D
 Acq: 12 Nov 2025 11:57

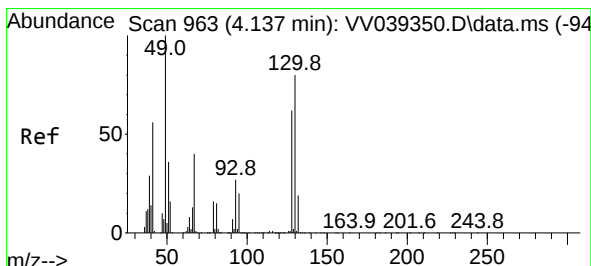
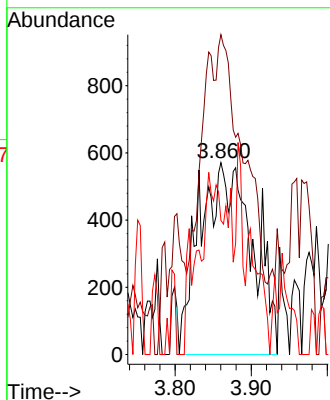
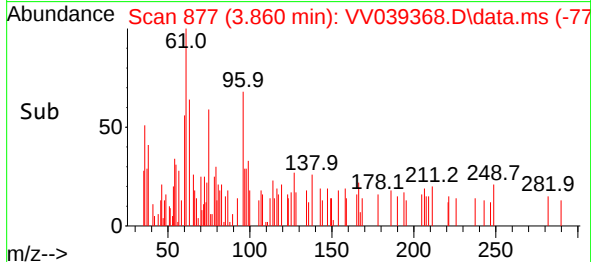
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 96 Resp: 2749
 Ion Ratio Lower Upper
 96 100
 61 7.7 0.0 287.8
 98 4.2 0.0 129.6

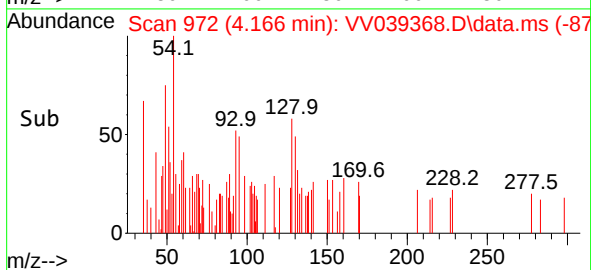
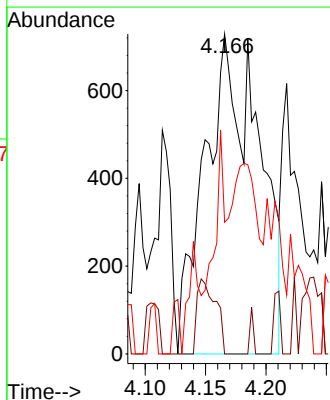
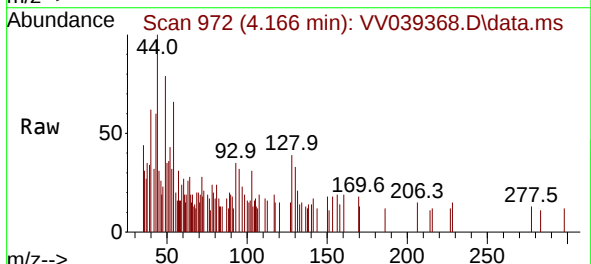
Manual Integrations
 APPROVED

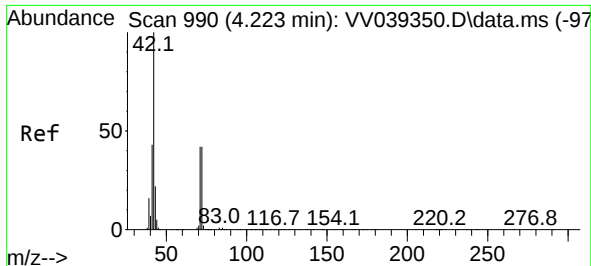
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#28
 Bromochloromethane
 Concen: 0.384 ug/l m
 RT: 4.166 min Scan# 972
 Delta R.T. 0.029 min
 Lab File: VV039368.D
 Acq: 12 Nov 2025 11:57

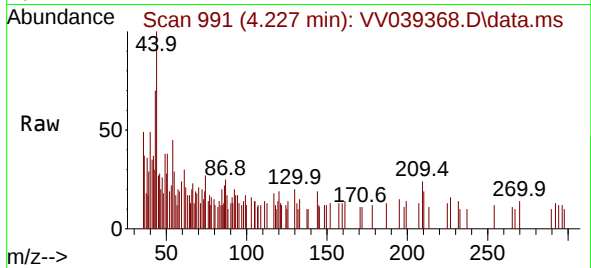
Tgt Ion: 49 Resp: 2248
 Ion Ratio Lower Upper
 49 100
 129 8.1 0.0 2.0#
 130 6.8 67.9 101.9#





#29
Tetrahydrofuran
Concen: 0.386 ug/l m
RT: 4.227 min Scan# 990
Delta R.T. 0.003 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

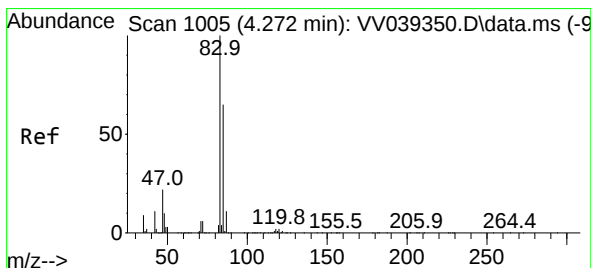
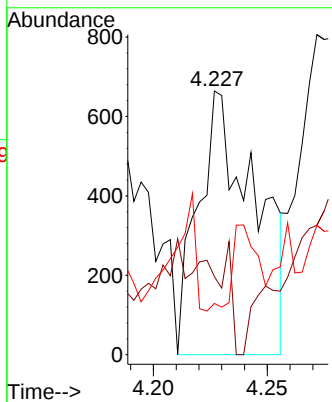
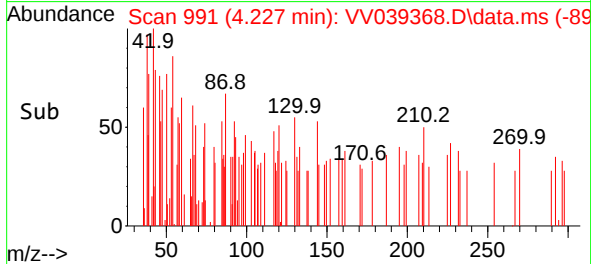
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 42 Resp: 1149
Ion Ratio Lower Upper
42 100
72 0.0 35.3 52.9
71 24.8 34.0 51.0

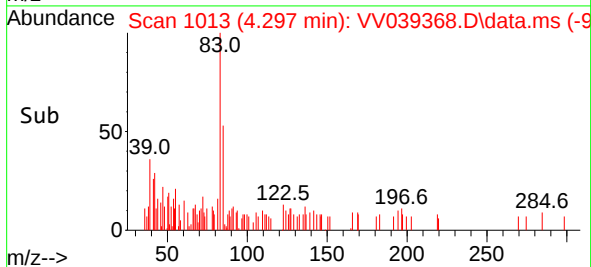
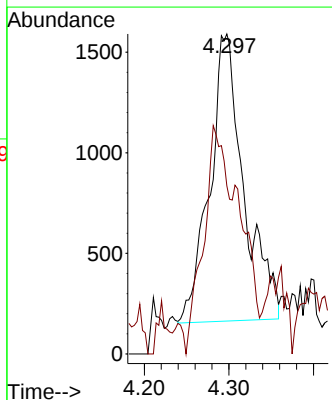
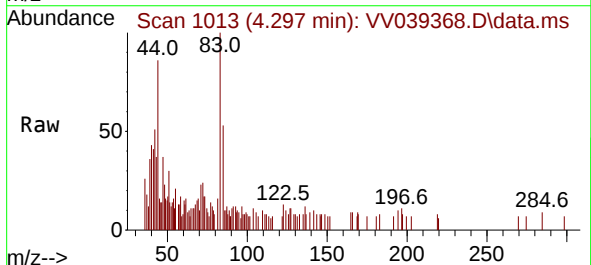
Manual Integrations
APPROVED

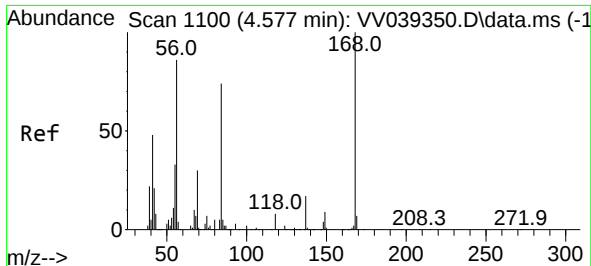
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#30
Chloroform
Concen: 0.272 ug/l m
RT: 4.297 min Scan# 1013
Delta R.T. 0.026 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

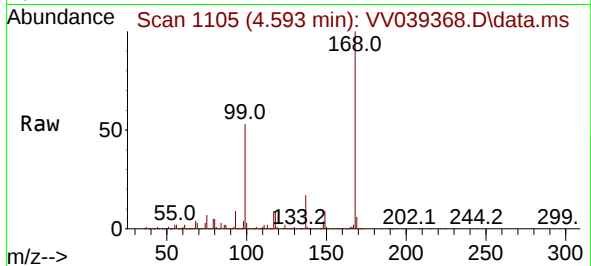
Tgt Ion: 83 Resp: 4013
Ion Ratio Lower Upper
83 100
85 52.5 51.8 77.8





#31
Cyclohexane
Concen: 1.991 ug/l
RT: 4.593 min Scan# 1105
Delta R.T. 0.016 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

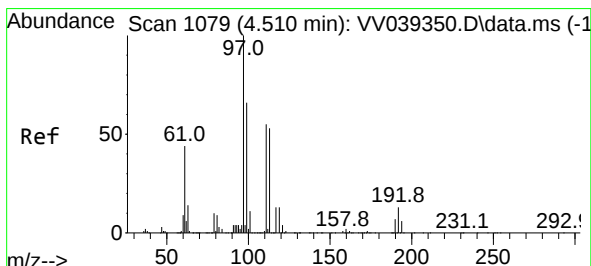
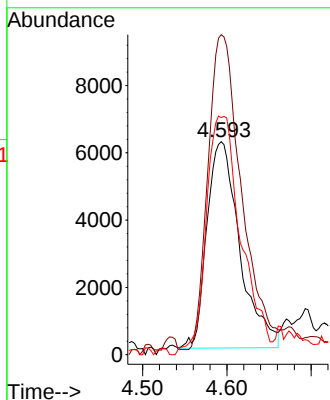
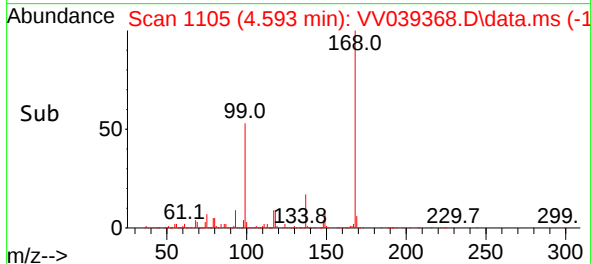
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



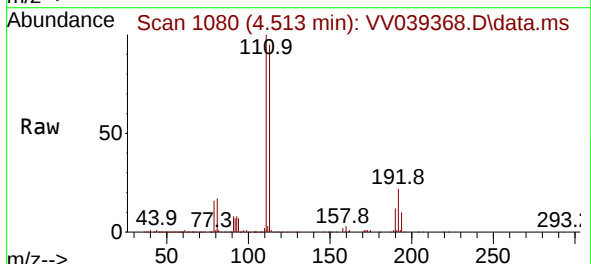
Tgt Ion: 56 Resp: 1667
Ion Ratio Lower Upper
56 100
69 152.6 27.7 41.5
84 109.0 69.4 104.2

Manual Integrations
APPROVED

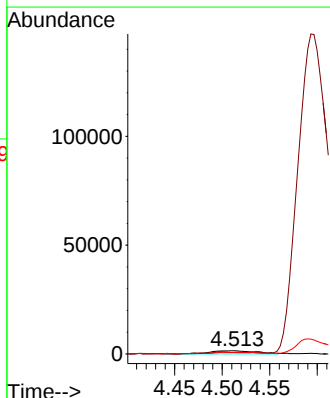
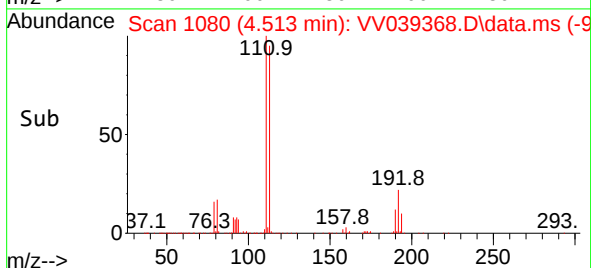
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

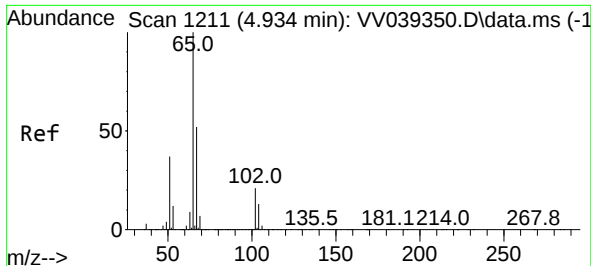


#32
1,1,1-Trichloroethane
Concen: 0.408 ug/l m
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57



Tgt Ion: 97 Resp: 5037
Ion Ratio Lower Upper
97 100
99 0.0 49.9 74.9#
61 13.4 33.9 50.9#





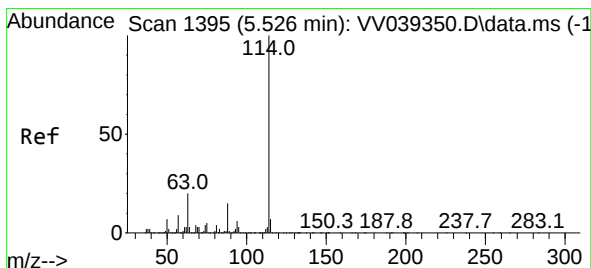
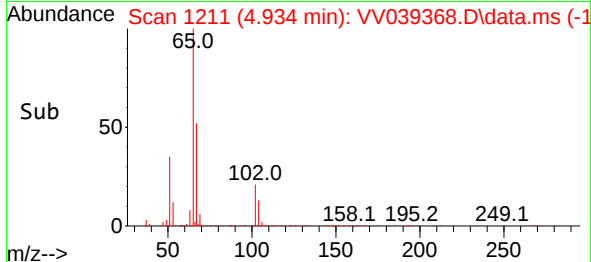
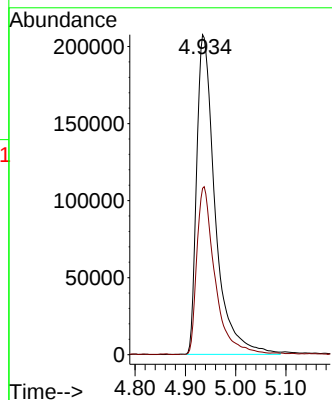
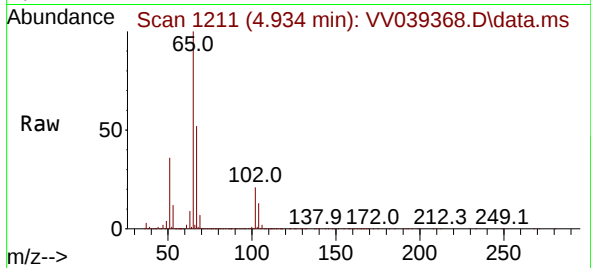
#33
1,2-Dichloroethane-d4
Concen: 54.975 ug/l
RT: 4.934 min Scan# 1211
Delta R.T. 0.000 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 65 Resp: 529508
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

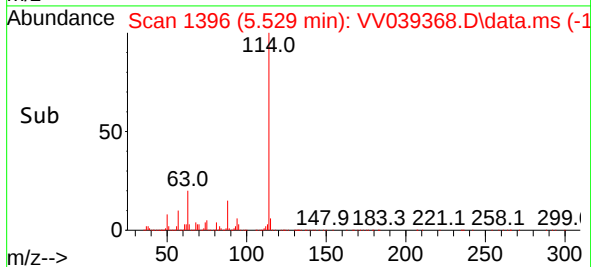
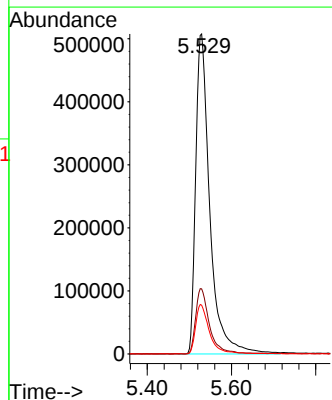
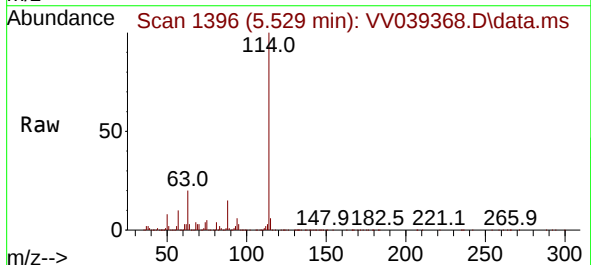
Manual Integrations
APPROVED

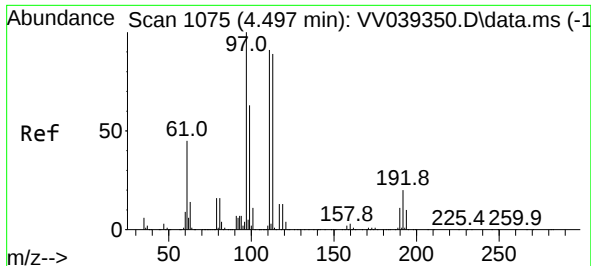
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.529 min Scan# 1396
Delta R.T. 0.003 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Tgt Ion:114 Resp: 1179331
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.6
88 15.2 0.0 30.2





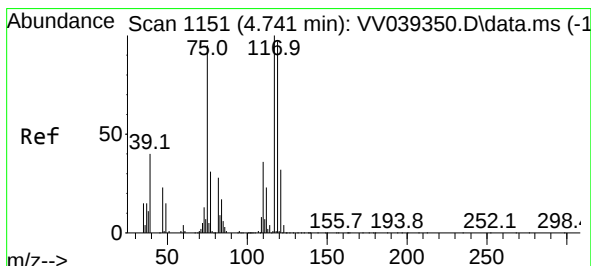
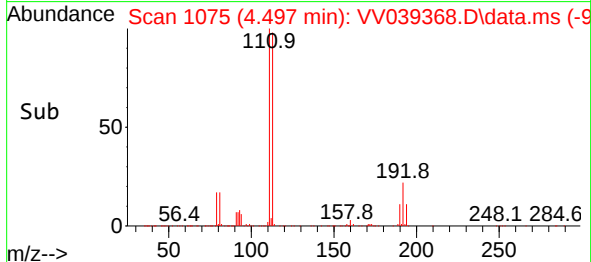
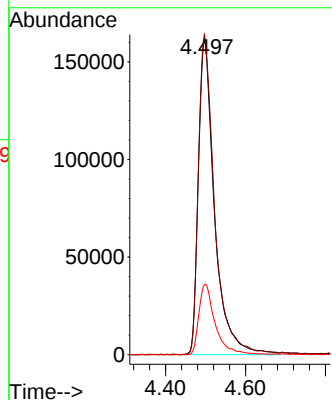
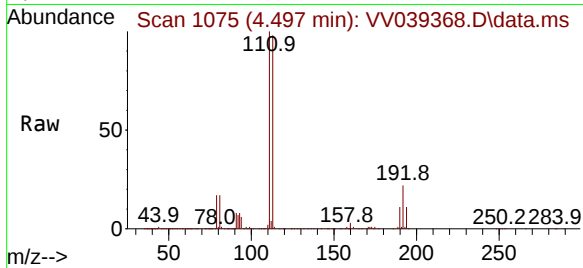
#35
Dibromofluoromethane
Concen: 50.281 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 113 Resp: 45481
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 22.3 17.8 26.8

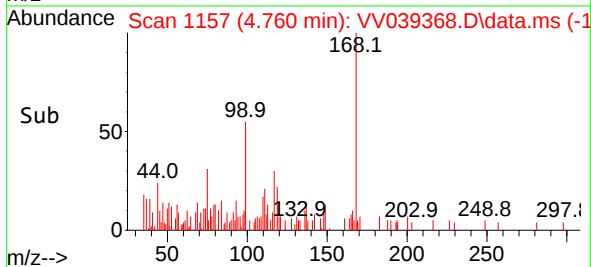
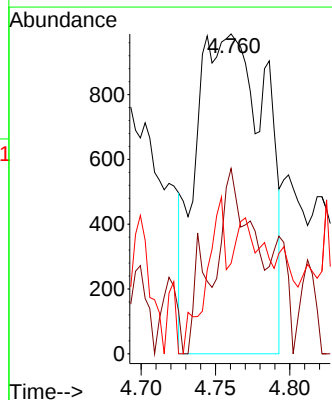
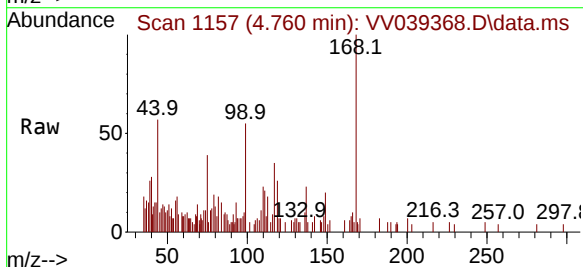
Manual Integrations
APPROVED

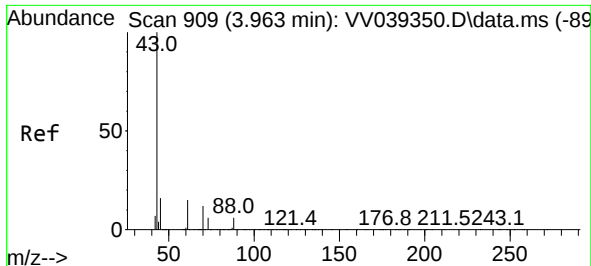
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#36
1,1-Dichloropropene
Concen: 0.413 ug/l m
RT: 4.760 min Scan# 1157
Delta R.T. 0.019 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

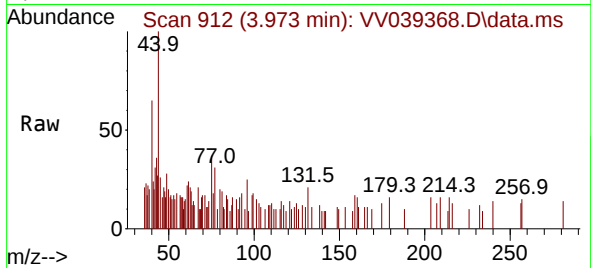
Tgt Ion: 75 Resp: 3214
Ion Ratio Lower Upper
75 100
110 124.1 18.1 54.4#
77 8.6 24.0 36.0#





#37
Ethyl Acetate
Concen: 0.100 ug/l m
RT: 3.973 min Scan# 912
Delta R.T. 0.010 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

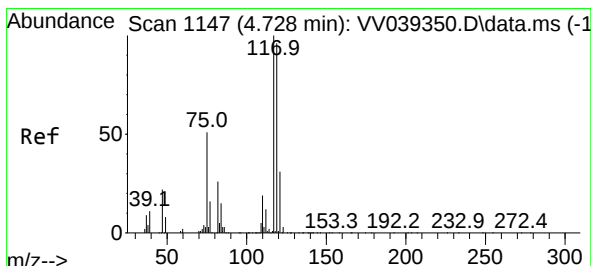
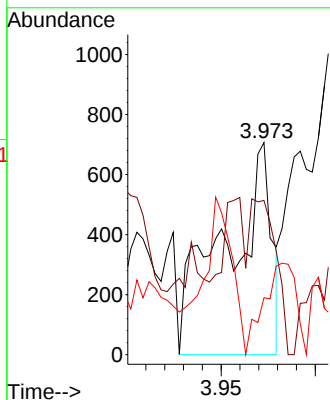
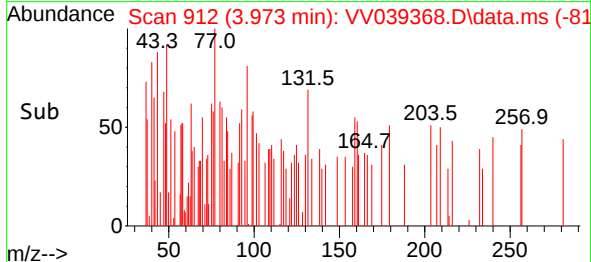
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
61 41.1 9.3 13.9
70 29.9 7.0 10.4

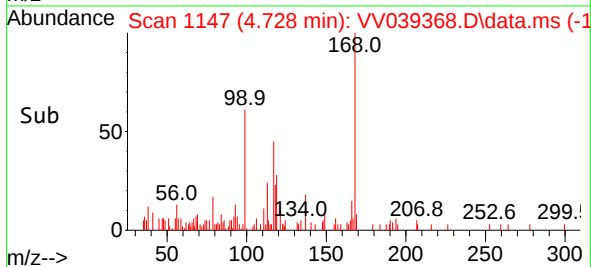
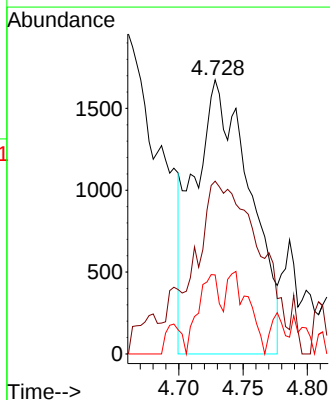
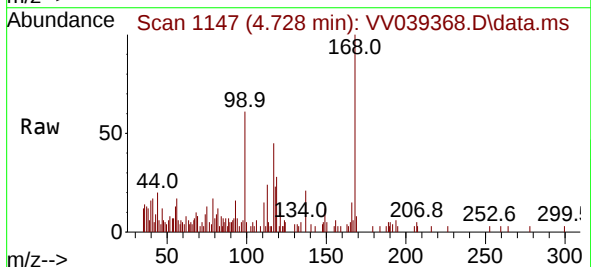
Manual Integrations
APPROVED

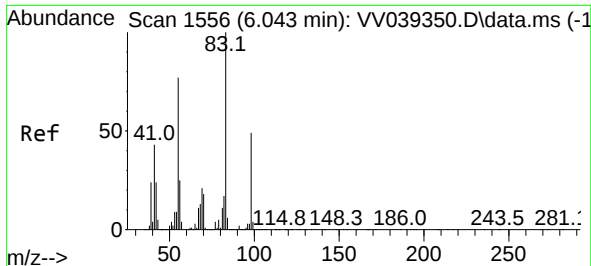
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#38
Carbon Tetrachloride
Concen: 0.440 ug/l m
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Tgt Ion:117 Resp: 5096
Ion Ratio Lower Upper
117 100
119 63.1 76.1 114.1#
121 21.4 25.0 37.4#





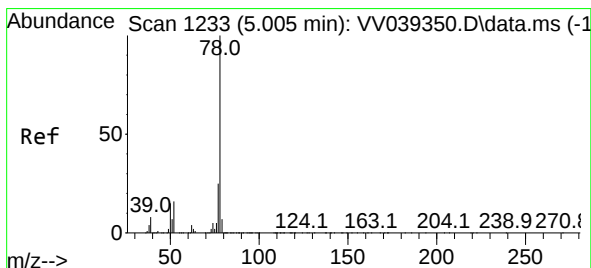
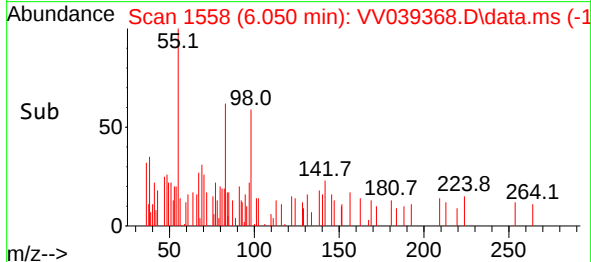
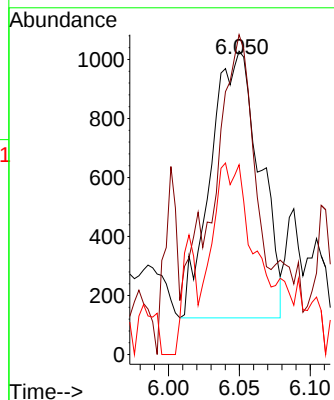
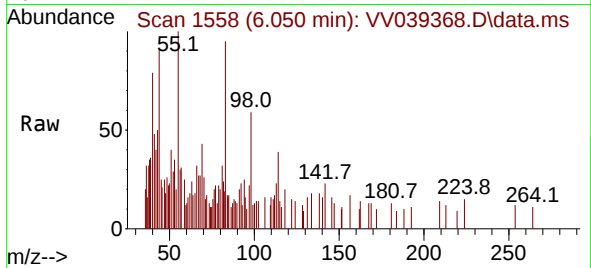
#39
Methylcyclohexane
Concen: 0.261 ug/l
RT: 6.050 min Scan# 1156
Delta R.T. 0.006 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 83 Resp: 2169
Ion Ratio Lower Upper
83 100
55 99.7 61.3 91.9
98 57.6 39.0 58.6

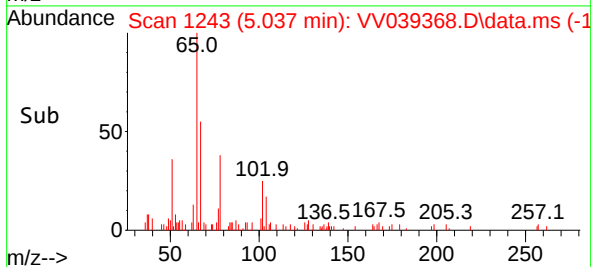
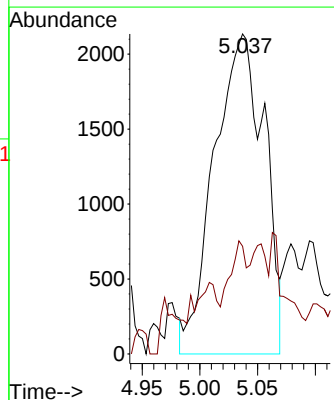
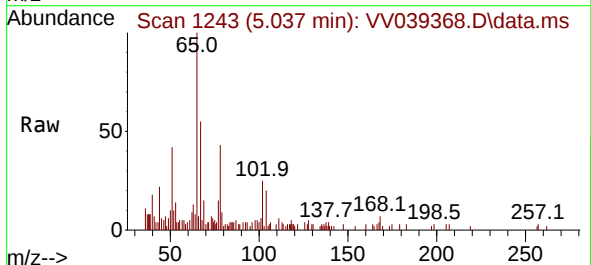
Manual Integrations
APPROVED

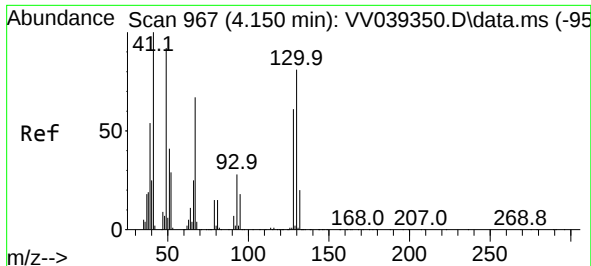
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#40
Benzene
Concen: 0.236 ug/l m
RT: 5.037 min Scan# 1243
Delta R.T. 0.032 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Tgt Ion: 78 Resp: 6431
Ion Ratio Lower Upper
78 100
77 33.6 19.6 29.4





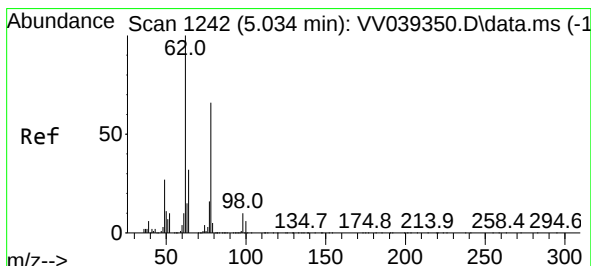
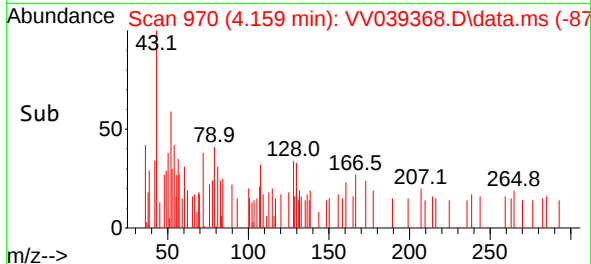
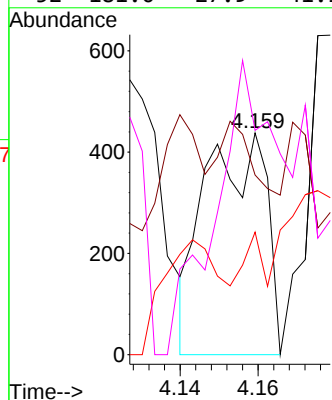
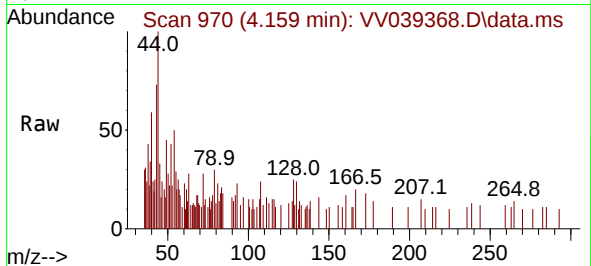
#41
Methacrylonitrile
Concen: 0.111 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 41 Resp: 47
Ion Ratio Lower Upper
41 100
39 16.1 44.3 66.5
67 6.1 71.4 107.2
52 181.0 27.9 41.9

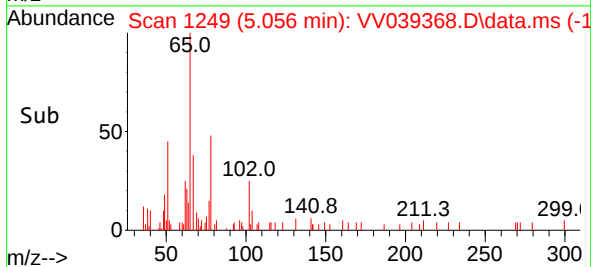
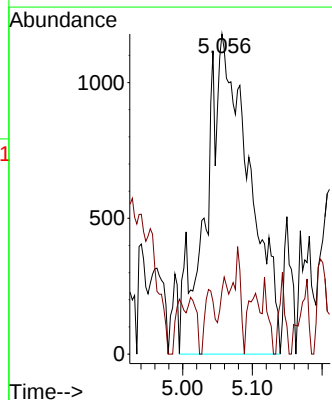
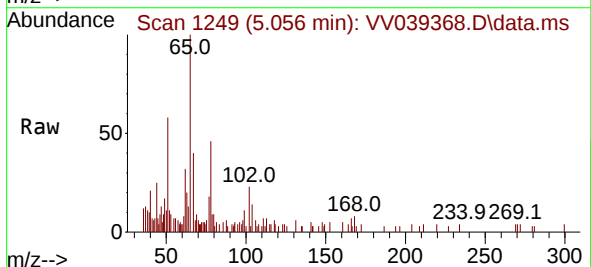
Manual Integrations
APPROVED

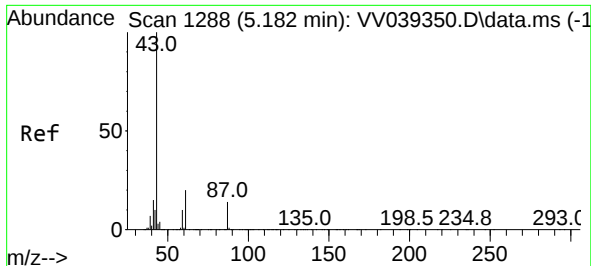
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#42
1,2-Dichloroethane
Concen: 0.483 ug/l m
RT: 5.056 min Scan# 1249
Delta R.T. 0.023 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Tgt Ion: 62 Resp: 5132
Ion Ratio Lower Upper
62 100
98 1.7 0.0 18.6





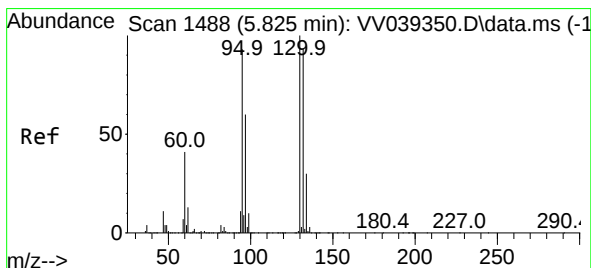
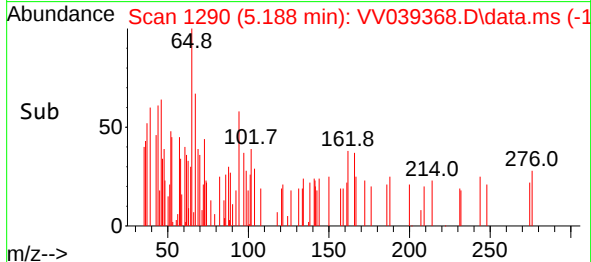
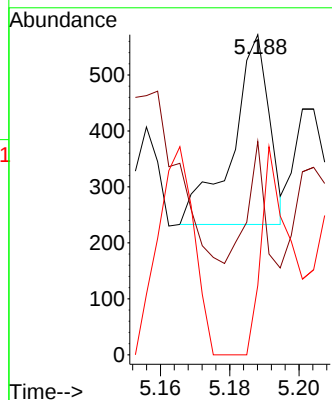
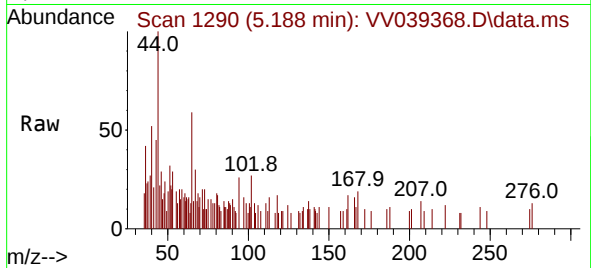
#43
Isopropyl Acetate
Concen: 0.016 ug/l
RT: 5.188 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43 Resp: 250
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5
87 83.6 11.1 16.7

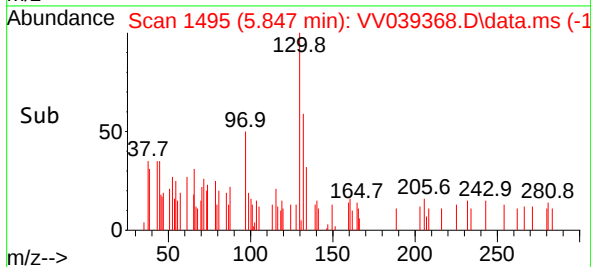
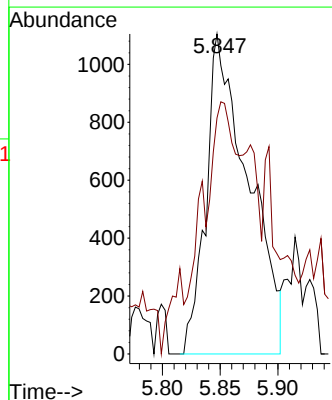
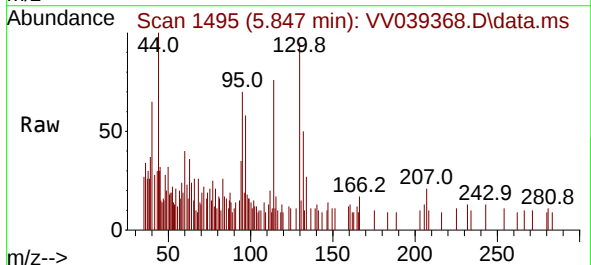
Manual Integrations
APPROVED

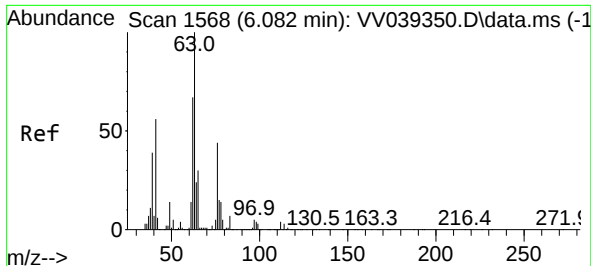
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#44
Trichloroethene
Concen: 0.379 ug/l
RT: 5.847 min Scan# 1495
Delta R.T. 0.023 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Tgt Ion:130 Resp: 2804
Ion Ratio Lower Upper
130 100
95 47.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 0.208 ug/l m

RT: 6.104 min Scan# 1575

Delta R.T. 0.023 min

Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 63 Resp: 153

Ion Ratio Lower Upper

63 100

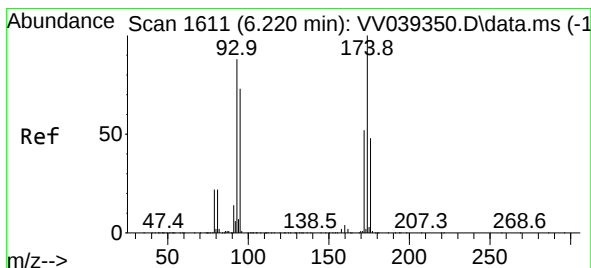
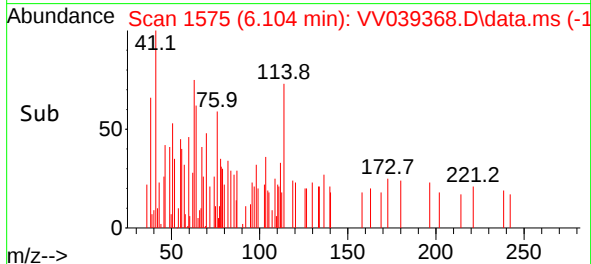
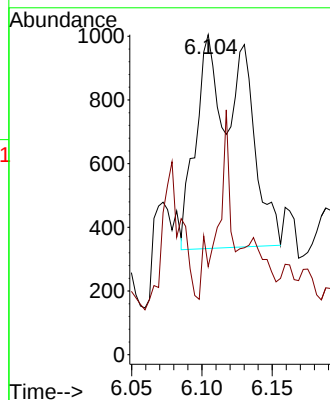
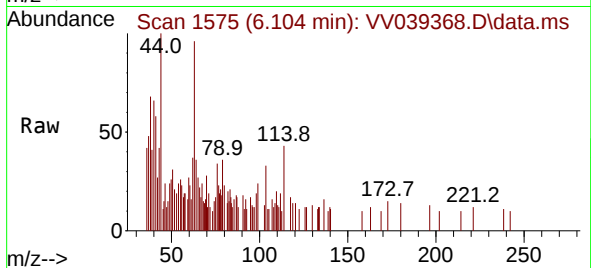
65 27.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#46

Dibromomethane

Concen: 0.390 ug/l m

RT: 6.256 min Scan# 1622

Delta R.T. 0.035 min

Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

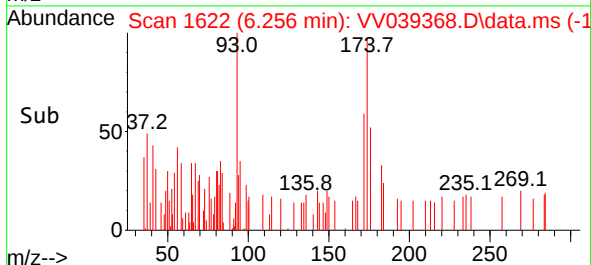
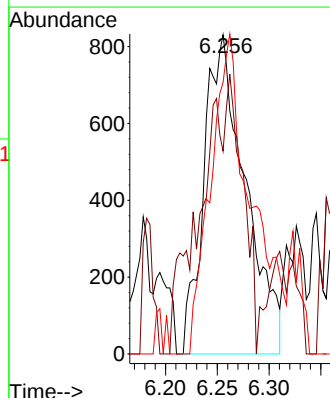
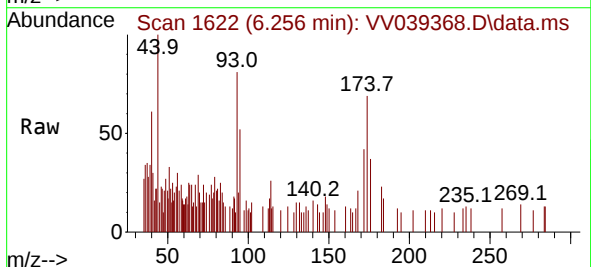
Tgt Ion: 93 Resp: 2310

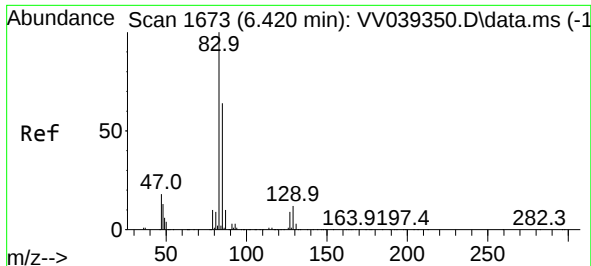
Ion Ratio Lower Upper

93 100

95 7.9 65.9 98.9#

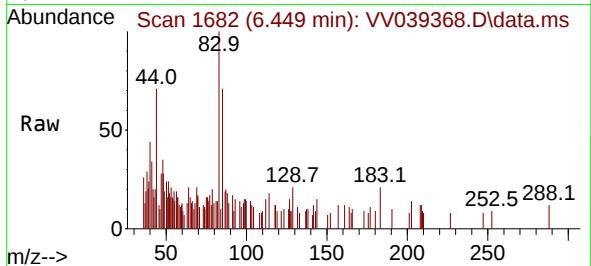
174 2.7 91.4 137.0#





#47
Bromodichloromethane
Concen: 0.385 ug/l m
RT: 6.449 min Scan# 1682
Delta R.T. 0.029 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

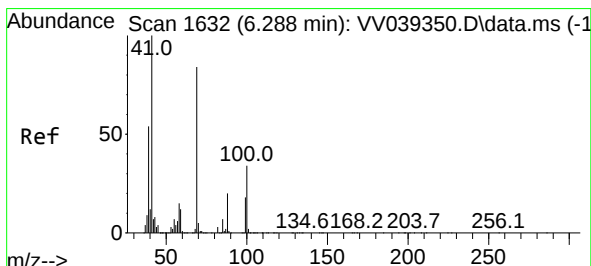
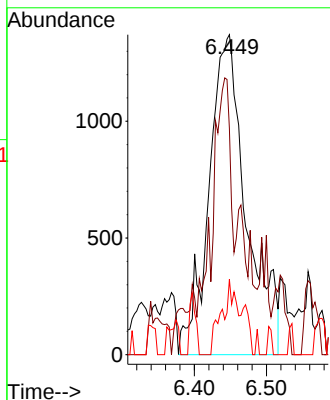
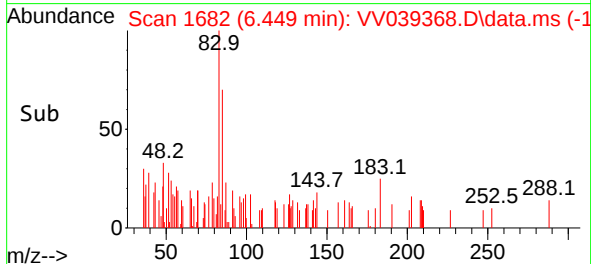
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 83 Resp: 494
Ion Ratio Lower Upper
83 100
85 70.7 51.0 76.4
127 15.0 7.3 10.9

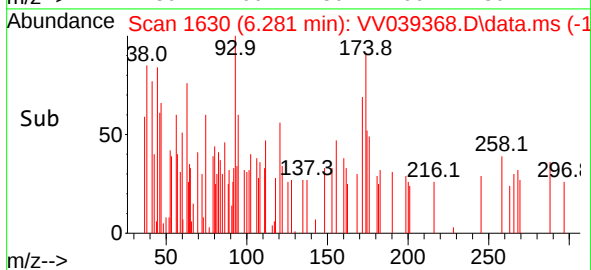
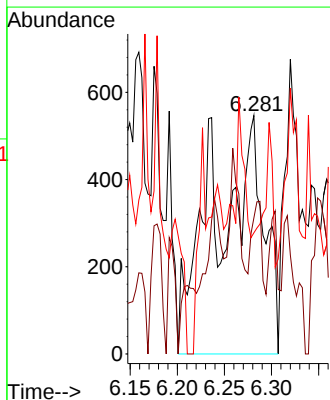
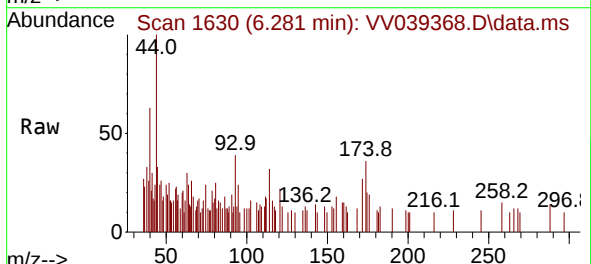
Manual Integrations
APPROVED

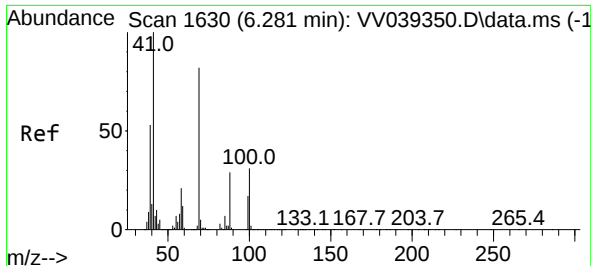
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#48
Methyl methacrylate
Concen: 0.259 ug/l m
RT: 6.281 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Tgt Ion: 41 Resp: 1923
Ion Ratio Lower Upper
41 100
69 9.8 69.1 103.7#
39 0.0 42.8 64.2#





#49

1,4-Dioxane

Concen: 6.706 ug/l m

RT: 6.262 min Scan# 1

Delta R.T. -0.019 min

Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 88 Resp: 76

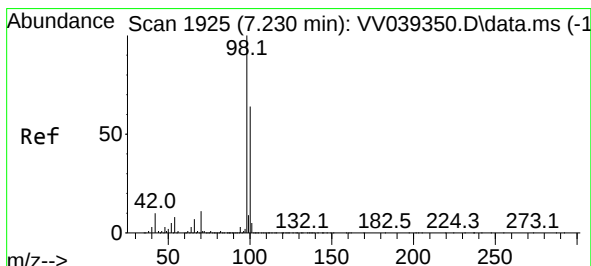
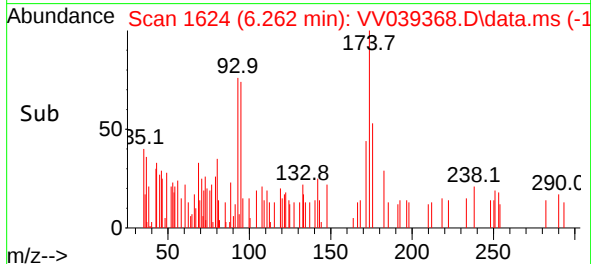
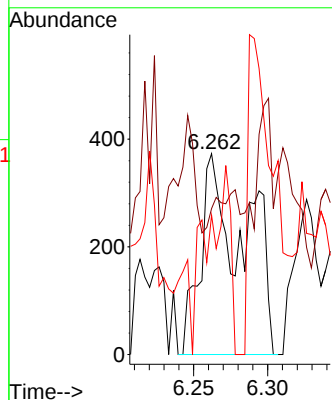
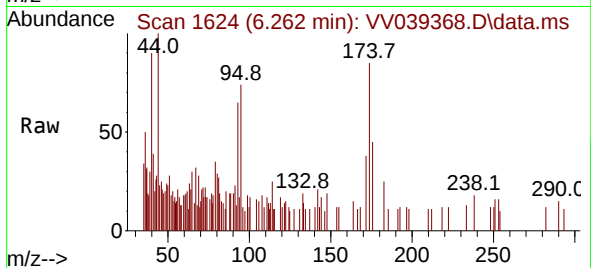
Ion	Ratio	Lower	Upper
88	100		
43	17.2	26.6	40.0
58	94.3	55.4	83.0

Manual Integrations

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Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#50

Toluene-d8

Concen: 44.439 ug/l

RT: 7.233 min Scan# 1926

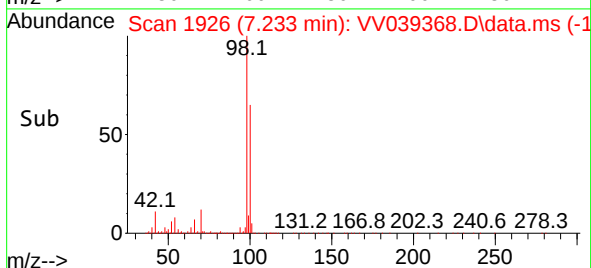
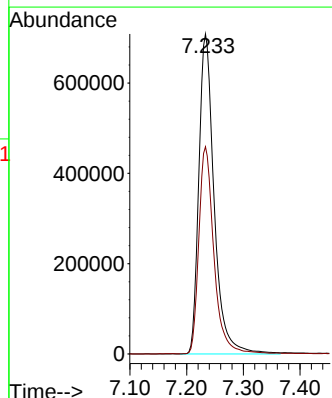
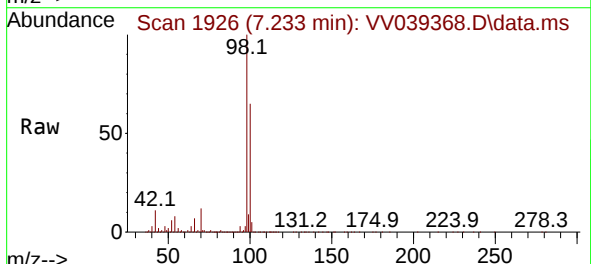
Delta R.T. 0.003 min

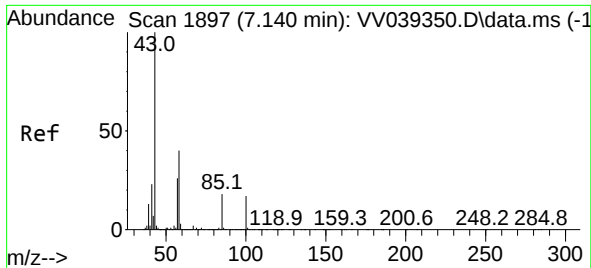
Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

Tgt Ion: 98 Resp: 1328332

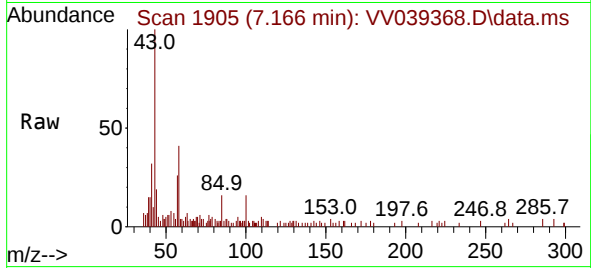
Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.8	79.2





#51
4-Methyl-2-Pentanone
Concen: 0.997 ug/l
RT: 7.166 min Scan# 1905
Delta R.T. 0.026 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

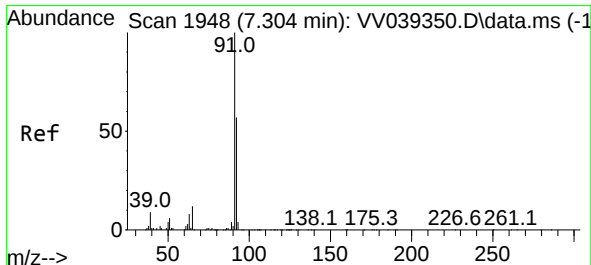
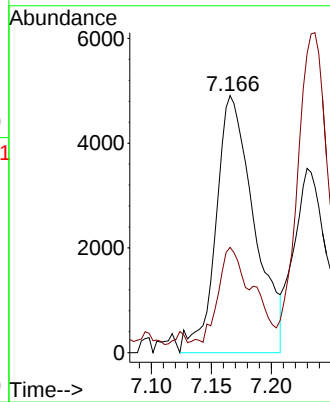
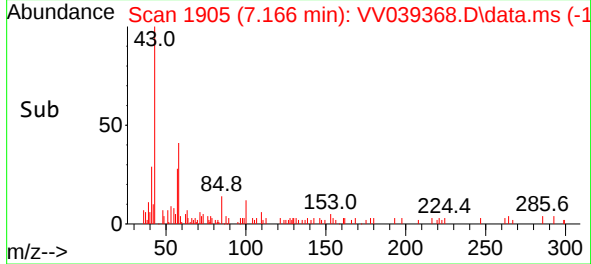
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 43 Resp: 10869
Ion Ratio Lower Upper
43 100
58 31.6 31.8 47.6

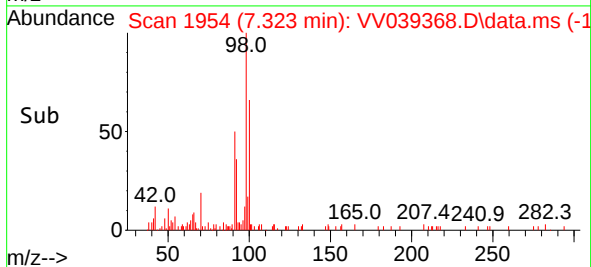
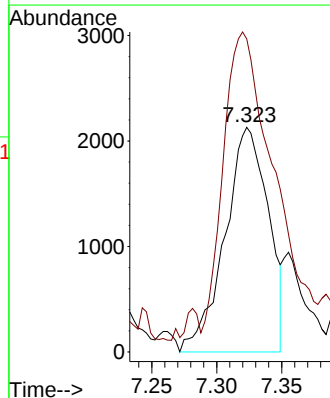
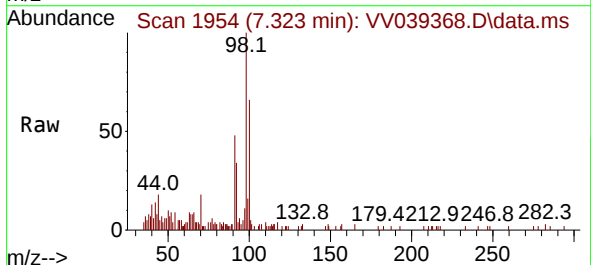
Manual Integrations
APPROVED

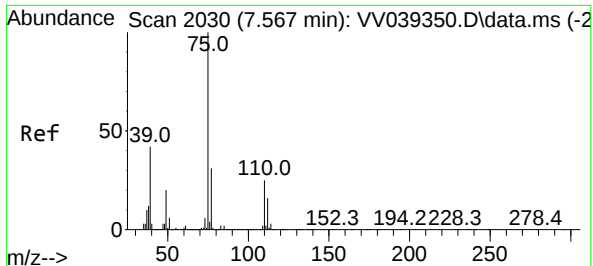
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#52
Toluene
Concen: 0.290 ug/l
RT: 7.323 min Scan# 1954
Delta R.T. 0.019 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Tgt Ion: 92 Resp: 4946
Ion Ratio Lower Upper
92 100
91 153.1 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 0.259 ug/l m

RT: 7.606 min Scan# 2030

Delta R.T. 0.039 min

Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 75 Resp: 285

Ion Ratio Lower Upper

75 100

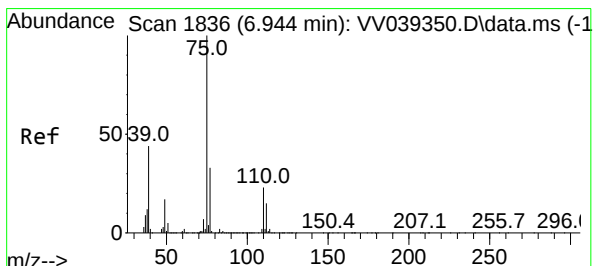
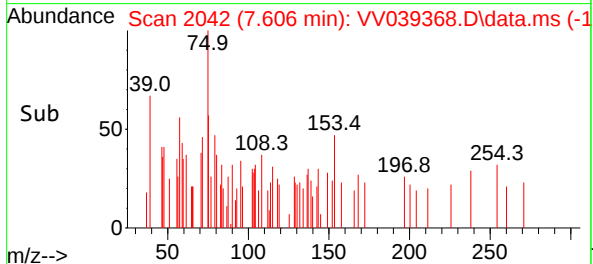
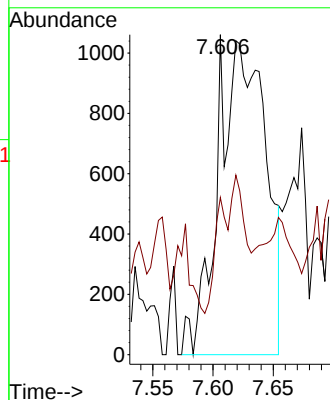
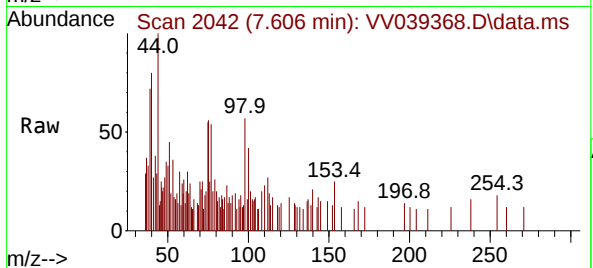
77 97.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#54

cis-1,3-Dichloropropene

Concen: 0.225 ug/l m

RT: 6.976 min Scan# 1846

Delta R.T. 0.032 min

Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

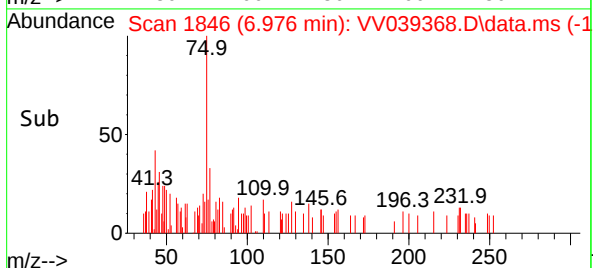
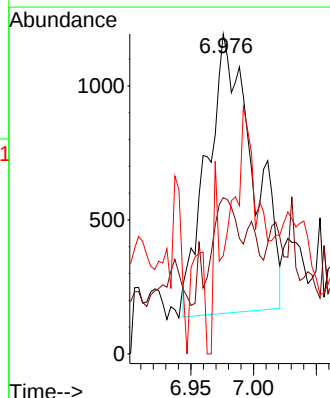
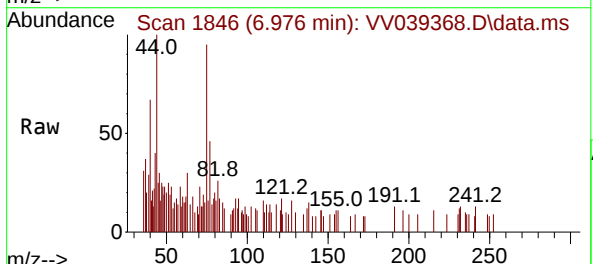
Tgt Ion: 75 Resp: 2644

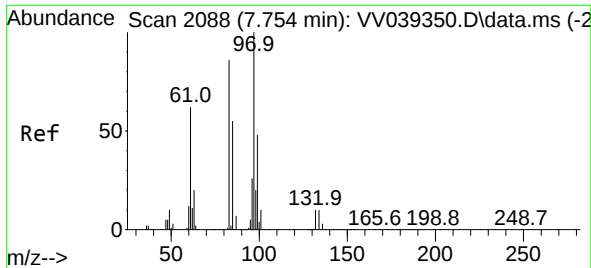
Ion Ratio Lower Upper

75 100

77 48.8 26.3 39.5

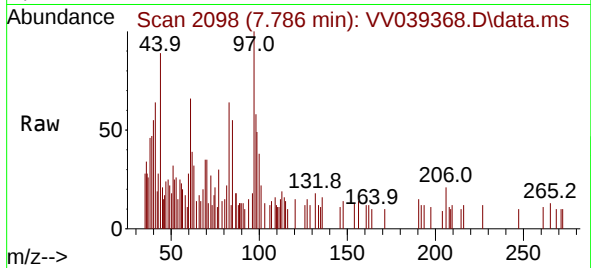
39 30.7 35.5 53.3





#55
 1,1,2-Trichloroethane
 Concen: 0.264 ug/l
 RT: 7.786 min Scan# 2088
 Delta R.T. 0.032 min
 Lab File: VV039368.D
 Acq: 12 Nov 2025 11:57

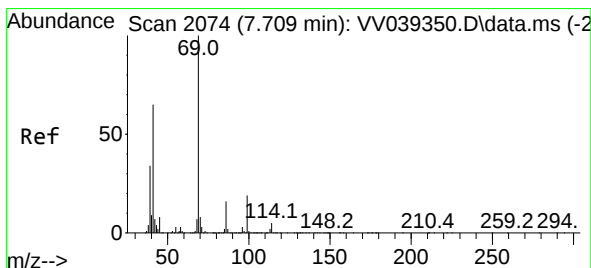
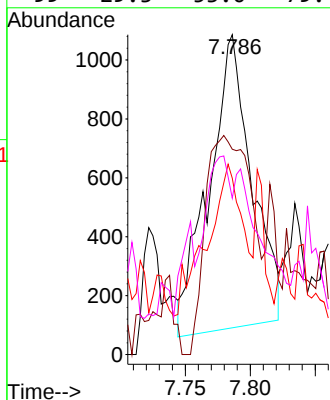
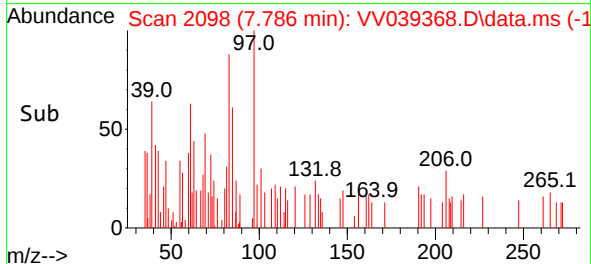
Instrument : MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



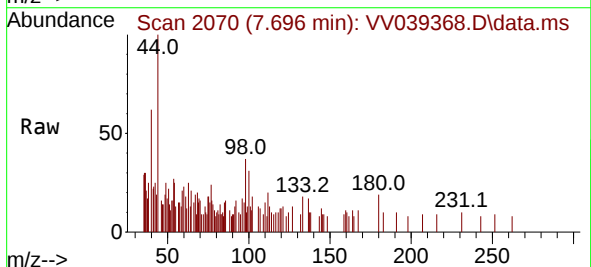
Tgt Ion	Ratio	Lower	Upper
97	100		
83	65.9	68.8	103.2
85	51.3	45.2	67.8
99	29.3	53.0	79.4

Manual Integrations
 APPROVED

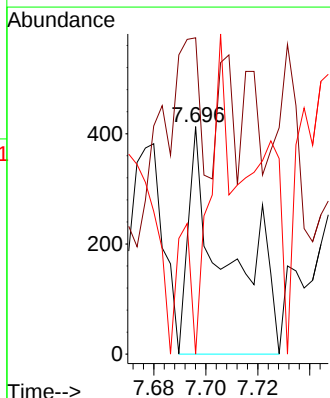
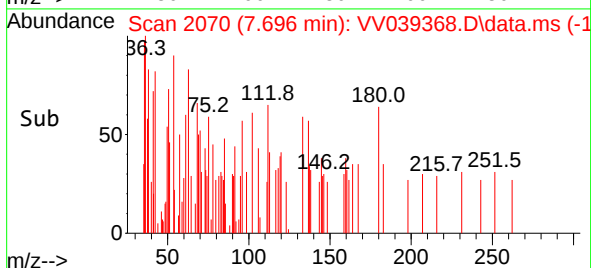
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025

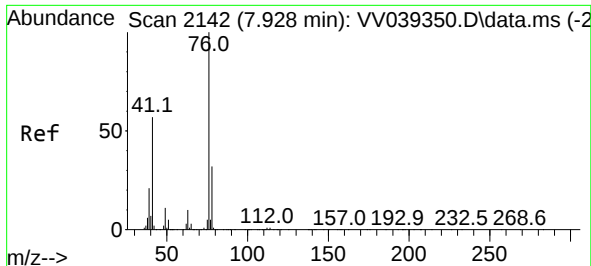


#56
 Ethyl methacrylate
 Concen: 0.040 ug/l m
 RT: 7.696 min Scan# 2070
 Delta R.T. -0.013 min
 Lab File: VV039368.D
 Acq: 12 Nov 2025 11:57



Tgt Ion	Ratio	Lower	Upper
69	100		
41	21.1	52.5	78.7
39	79.4	26.7	40.1





#57

1,3-Dichloropropane

Concen: 0.277 ug/l

RT: 7.960 min Scan# 2142

Delta R.T. 0.032 min

Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

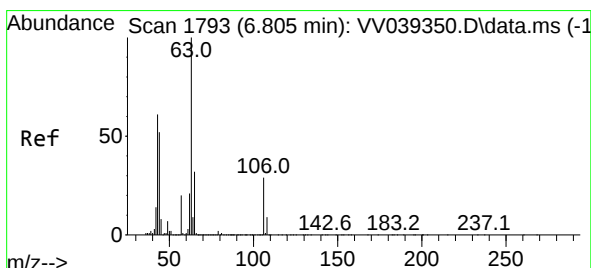
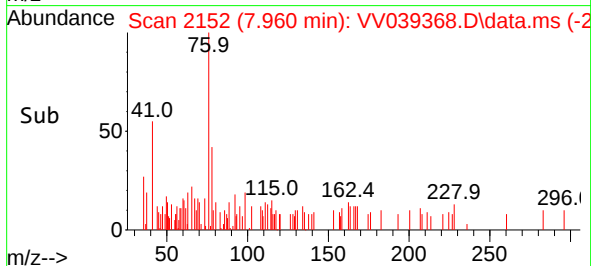
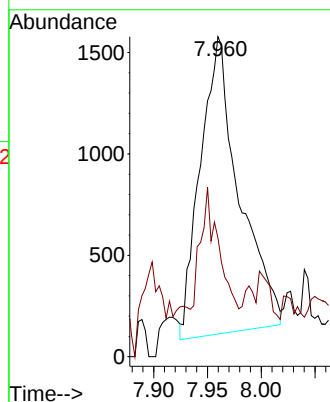
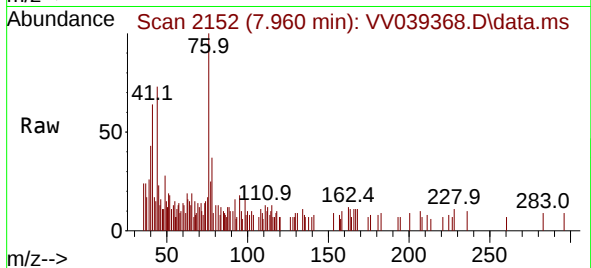
Tgt Ion: 76 Resp: 3680
 Ion Ratio Lower Upper
 76 100
 78 28.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 1.547 ug/l m

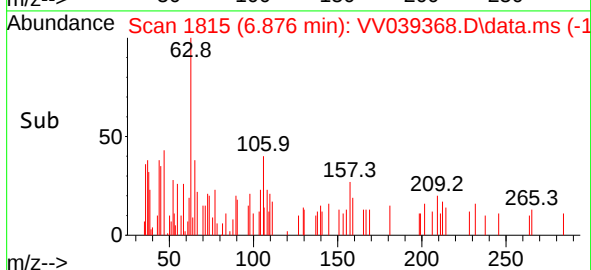
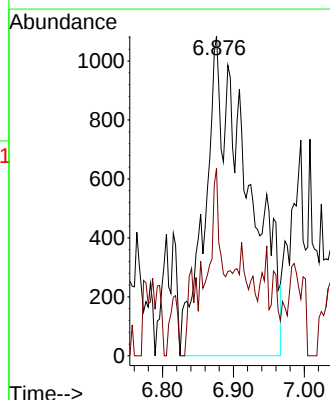
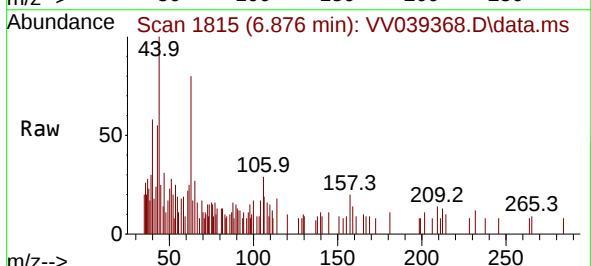
RT: 6.876 min Scan# 1815

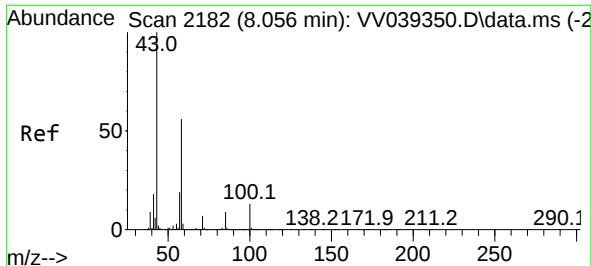
Delta R.T. 0.071 min

Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

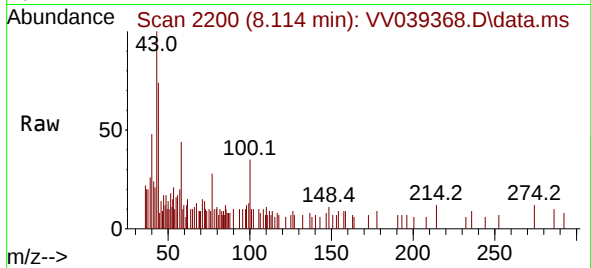
Tgt Ion: 63 Resp: 4590
 Ion Ratio Lower Upper
 63 100
 106 1.4 23.3 34.9





#59
2-Hexanone
Concen: 1.283 ug/l m
RT: 8.114 min Scan# 2182
Delta R.T. 0.058 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

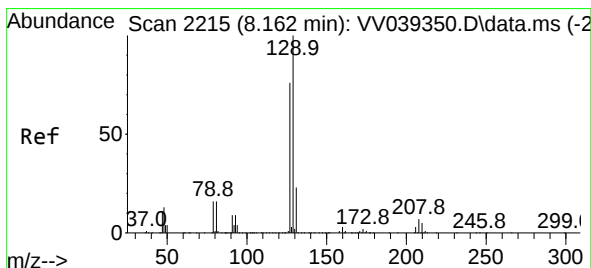
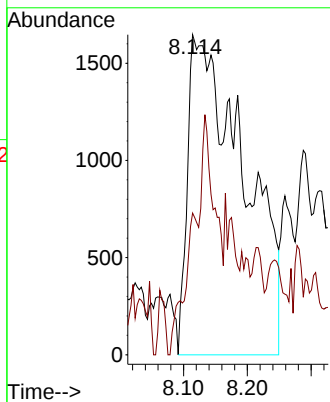
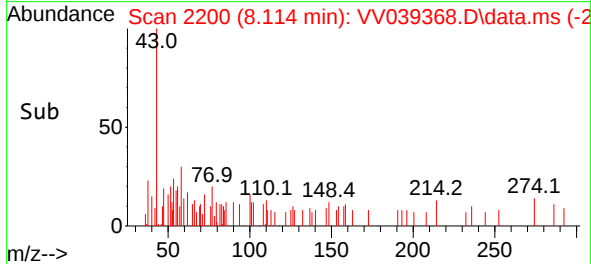
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



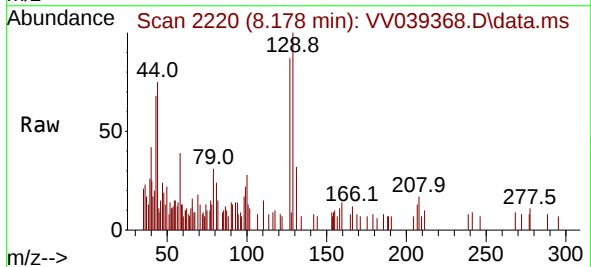
Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
58 1.1 27.7 83.1

Manual Integrations
APPROVED

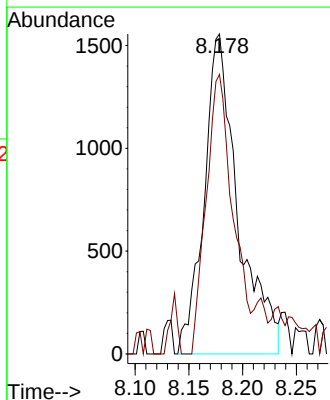
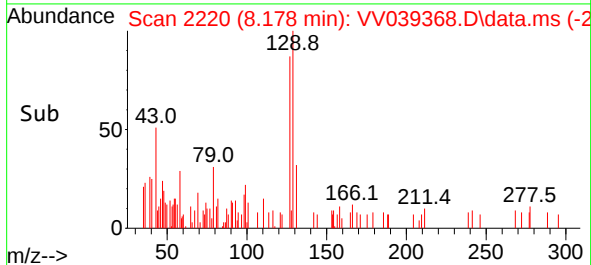
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

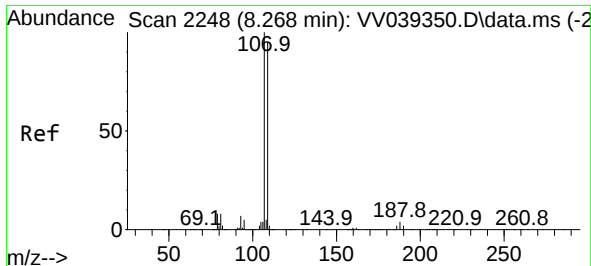


#60
Dibromochloromethane
Concen: 0.310 ug/l
RT: 8.178 min Scan# 2220
Delta R.T. 0.016 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57



Tgt Ion:129 Resp: 3429
Ion Ratio Lower Upper
129 100
127 68.6 38.6 115.7





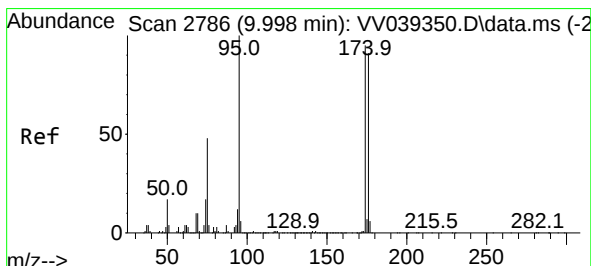
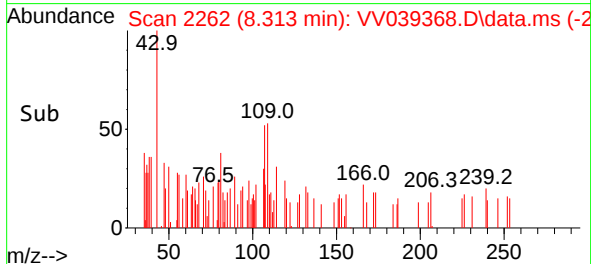
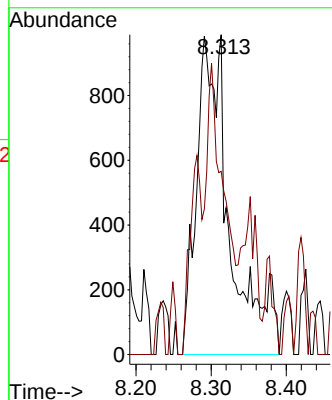
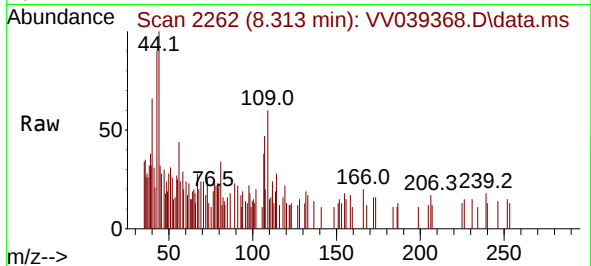
#61
1,2-Dibromoethane
Concen: 0.354 ug/l m
RT: 8.313 min Scan# 21
Delta R.T. 0.045 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:107 Resp: 2980
Ion Ratio Lower Upper
107 100
109 3.5 75.8 113.8

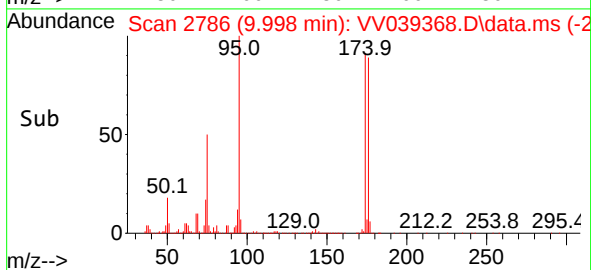
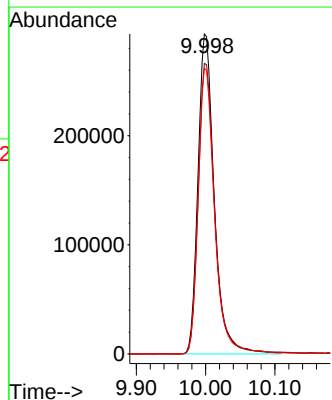
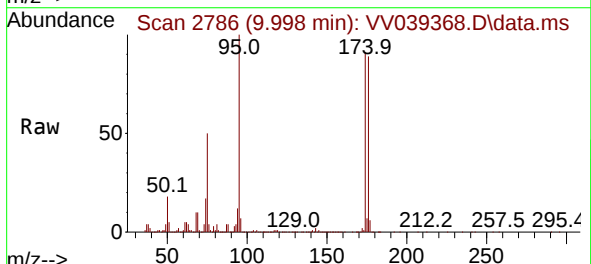
Manual Integrations
APPROVED

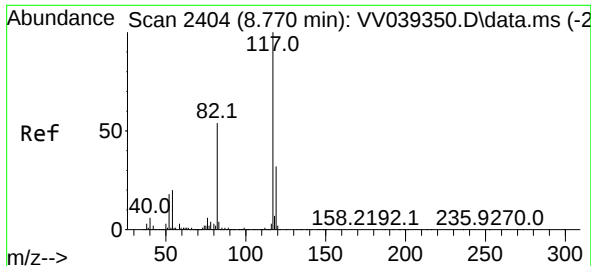
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#62
4-Bromofluorobenzene
Concen: 41.868 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

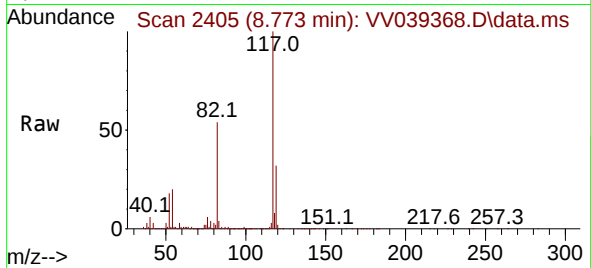
Tgt Ion: 95 Resp: 480875
Ion Ratio Lower Upper
95 100
174 92.0 0.0 187.6
176 89.4 0.0 180.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

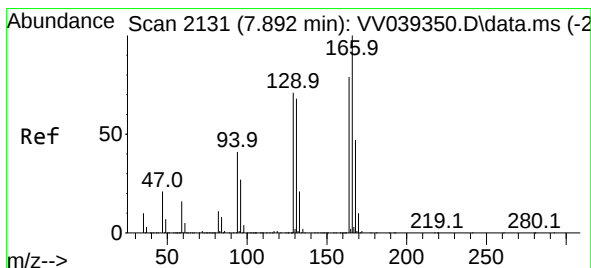
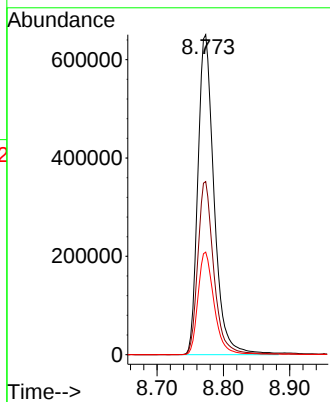
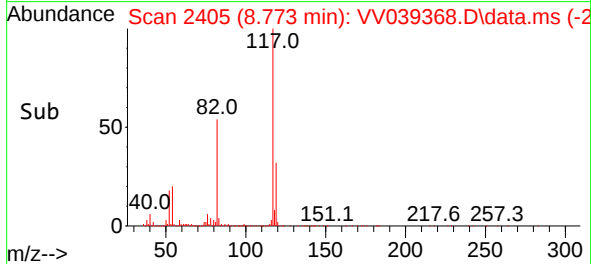
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:117 Resp: 110416
Ion Ratio Lower Upper
117 100
82 54.1 42.9 64.3
119 32.0 25.5 38.3

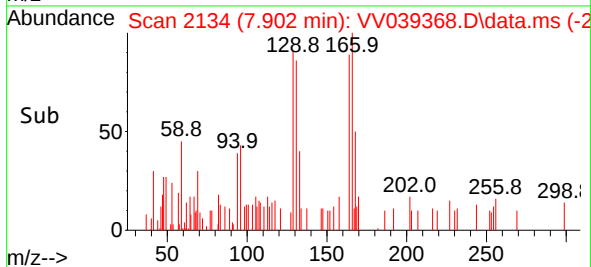
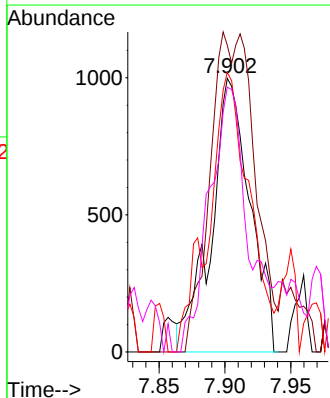
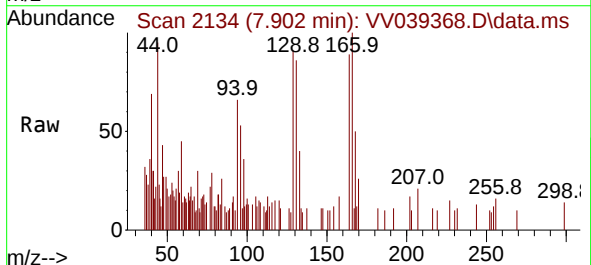
Manual Integrations
APPROVED

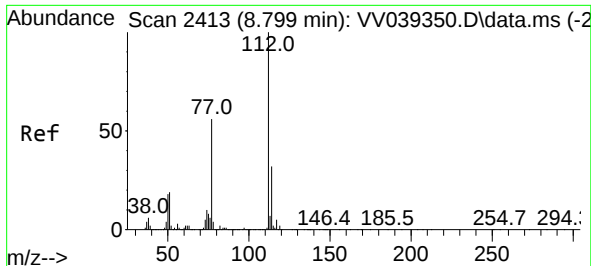
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#64
Tetrachloroethene
Concen: 0.301 ug/l m
RT: 7.902 min Scan# 2134
Delta R.T. 0.010 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

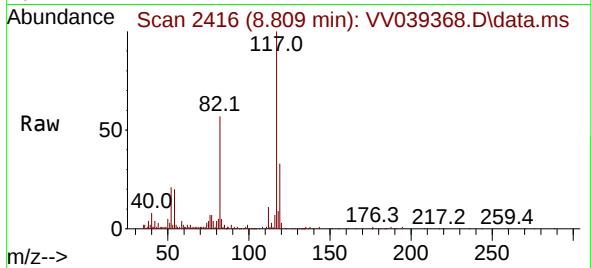
Tgt Ion:164 Resp: 2052
Ion Ratio Lower Upper
164 100
166 112.0 101.9 152.9
129 102.2 71.8 107.8
131 96.8 69.0 103.4





#65
Chlorobenzene
Concen: 0.340 ug/l
RT: 8.809 min Scan# 2416
Delta R.T. 0.010 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

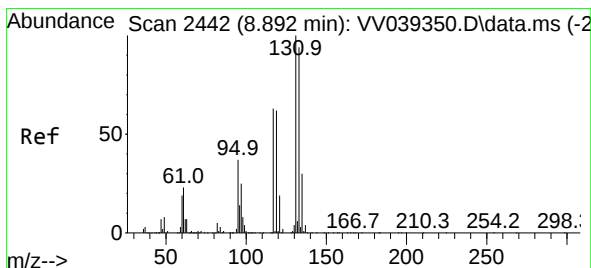
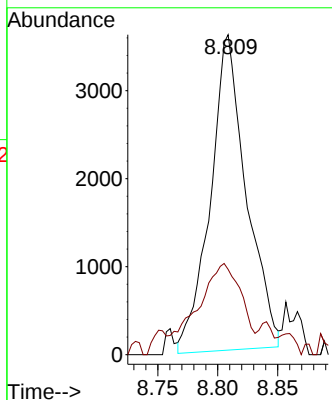
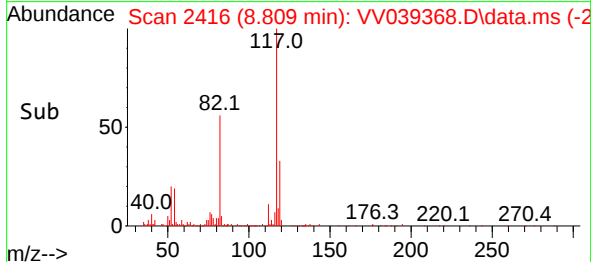
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



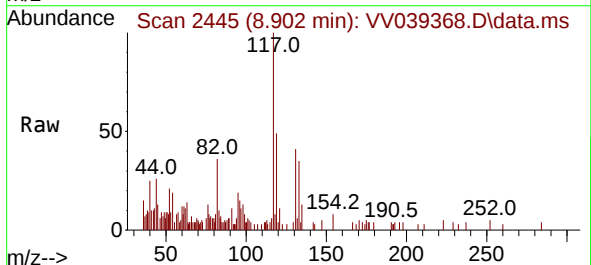
Tgt Ion:112 Resp: 748
Ion Ratio Lower Upper
112 100
114 22.1 25.7 38.5

Manual Integrations
APPROVED

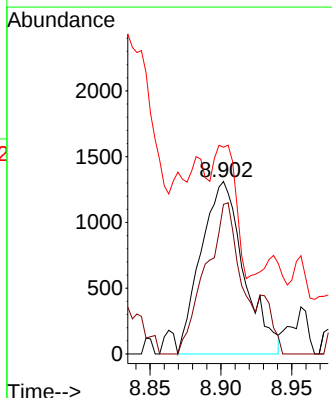
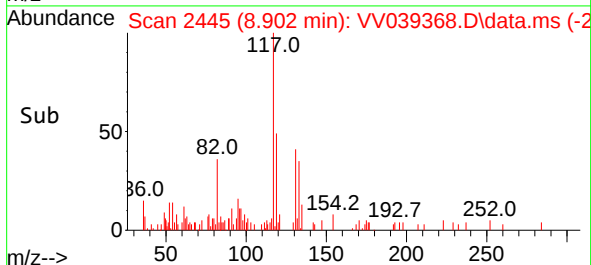
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

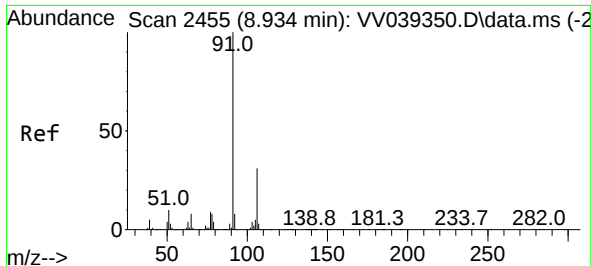


#66
1,1,1,2-Tetrachloroethane
Concen: 0.301 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.010 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57



Tgt Ion:131 Resp: 2760
Ion Ratio Lower Upper
131 100
133 71.3 47.9 143.8
119 0.0 31.6 94.8





#67

Ethyl Benzene

Concen: 0.249 ug/l

RT: 8.953 min Scan# 2455

Delta R.T. 0.019 min

Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

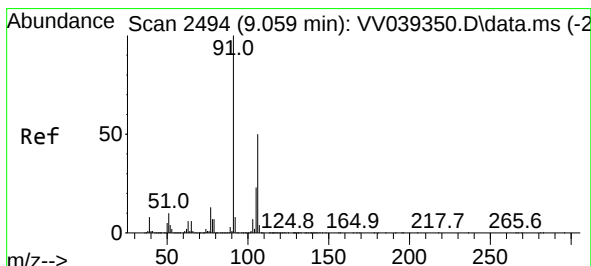
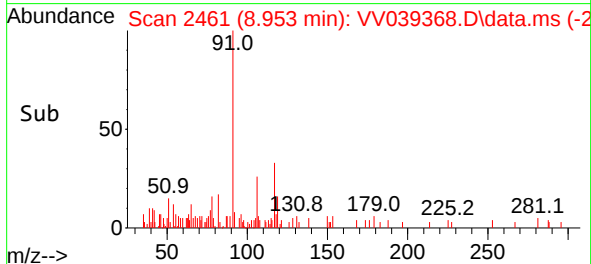
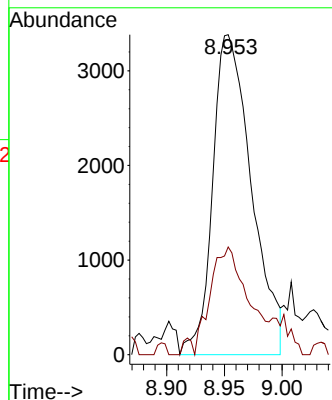
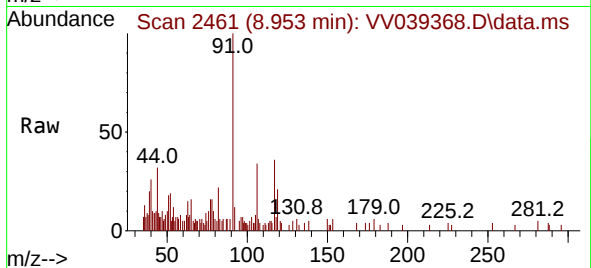
Tgt Ion: 91 Resp: 7904
 Ion Ratio Lower Upper
 91 100
 106 33.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#68

m/p-Xylenes

Concen: 0.538 ug/l

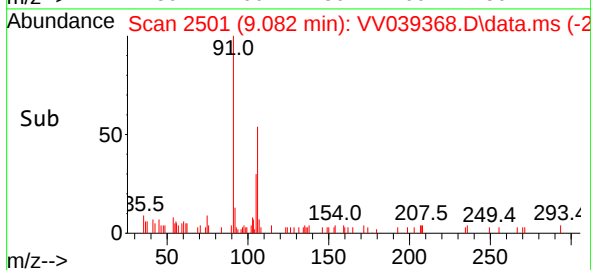
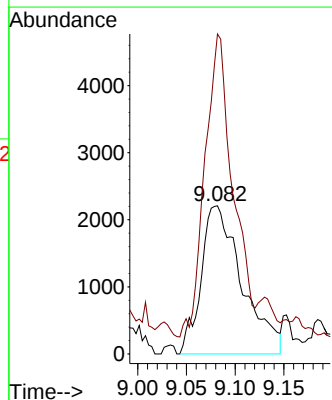
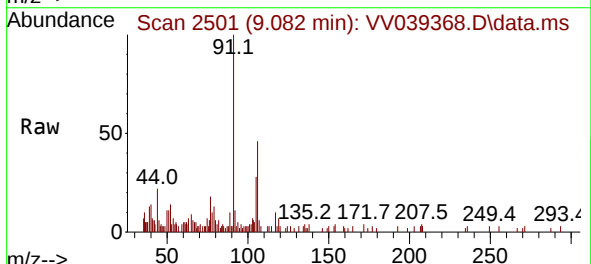
RT: 9.082 min Scan# 2501

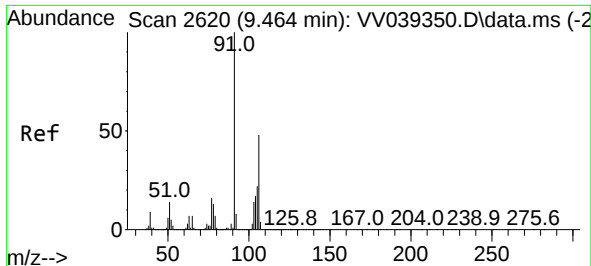
Delta R.T. 0.023 min

Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

Tgt Ion:106 Resp: 6457
 Ion Ratio Lower Upper
 106 100
 91 140.5 161.5 242.3#





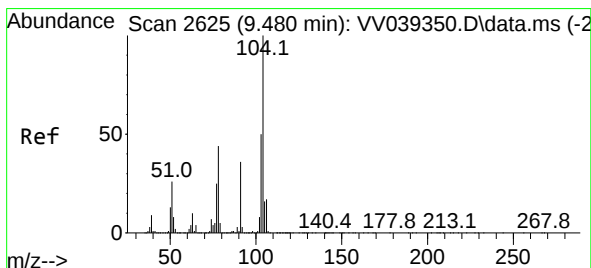
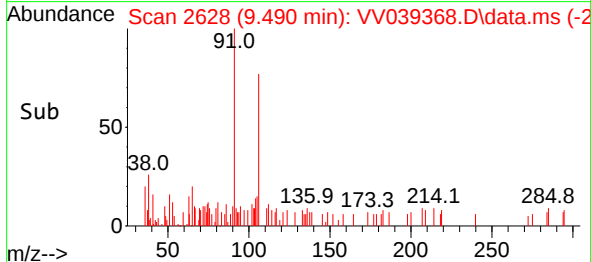
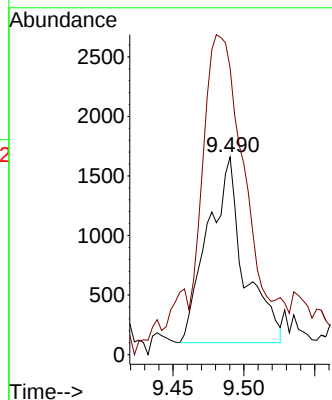
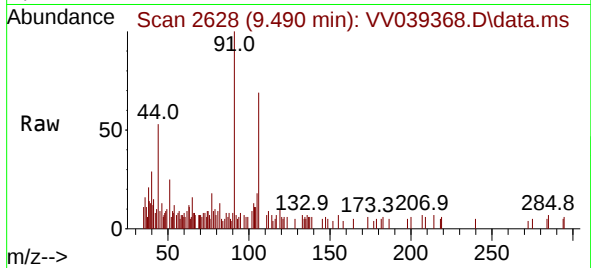
#69
o-Xylene
Concen: 0.244 ug/l
RT: 9.490 min Scan# 2628
Delta R.T. 0.026 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:106 Resp: 277
Ion Ratio Lower Upper
106 100
91 187.3 105.9 317.7

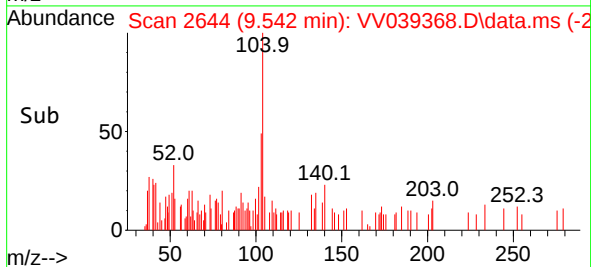
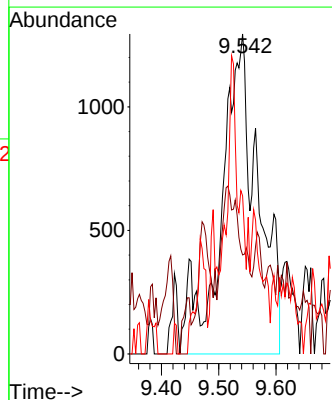
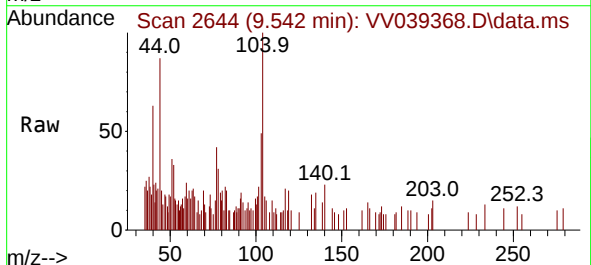
Manual Integrations
APPROVED

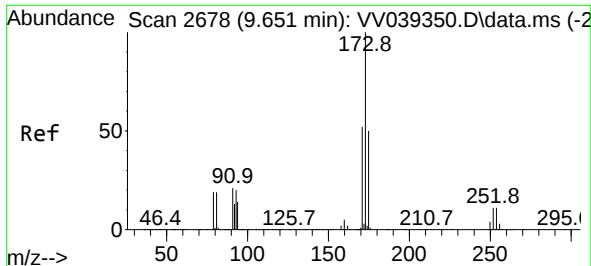
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#70
Styrene
Concen: 0.281 ug/l m
RT: 9.542 min Scan# 2644
Delta R.T. 0.061 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

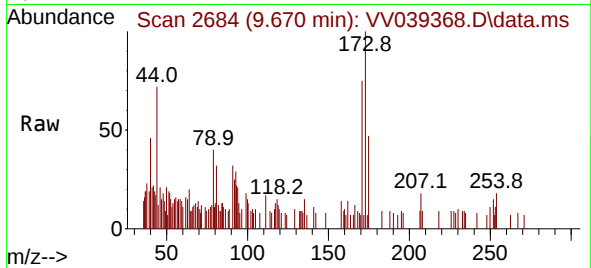
Tgt Ion:104 Resp: 5701
Ion Ratio Lower Upper
104 100
78 1.6 39.0 58.4#
103 1.7 43.4 65.2#





#71
Bromoform
Concen: 0.398 ug/l
RT: 9.670 min Scan# 2684
Delta R.T. 0.019 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

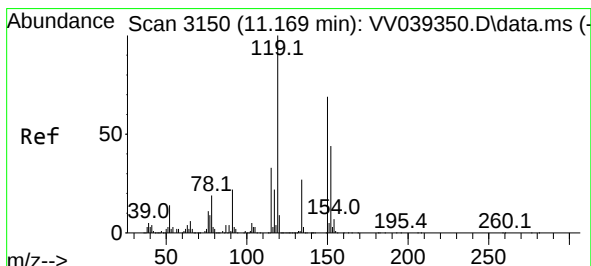
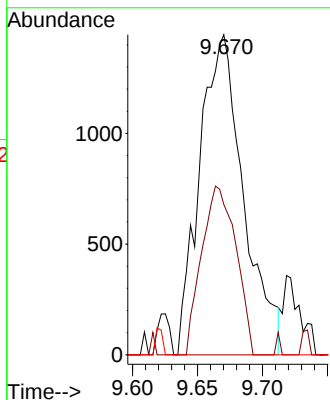
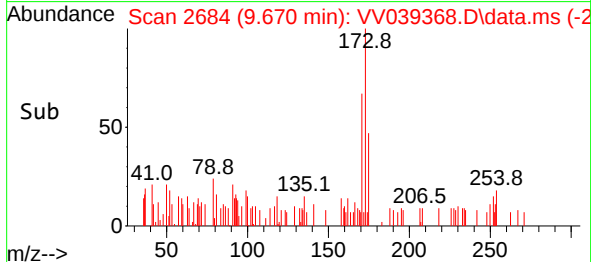
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



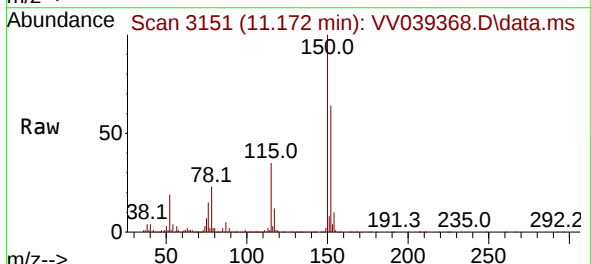
Tgt Ion:173 Resp: 3390
Ion Ratio Lower Upper
173 100
175 41.3 24.5 73.5
254 0.0 0.1 0.1

Manual Integrations
APPROVED

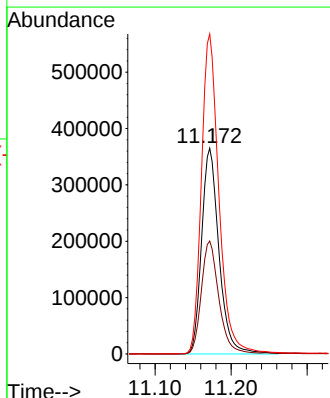
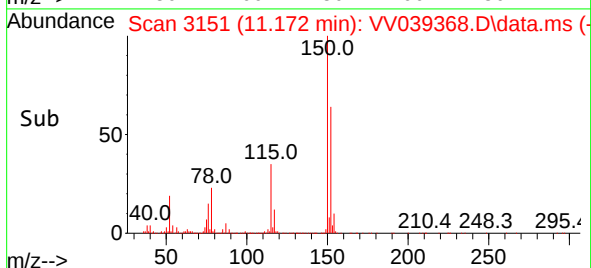
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

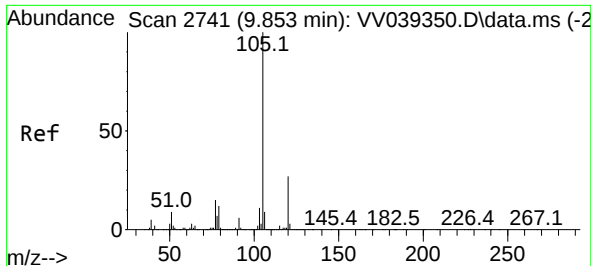


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57



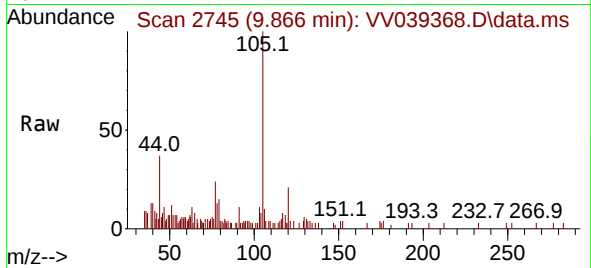
Tgt Ion:152 Resp: 580724
Ion Ratio Lower Upper
152 100
115 55.2 37.3 111.9
150 156.4 0.0 340.4





#73
Isopropylbenzene
Concen: 0.259 ug/l
RT: 9.866 min Scan# 2745
Delta R.T. 0.013 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

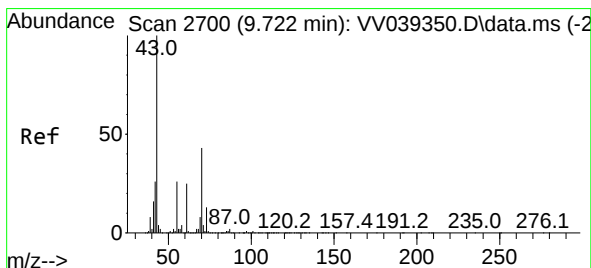
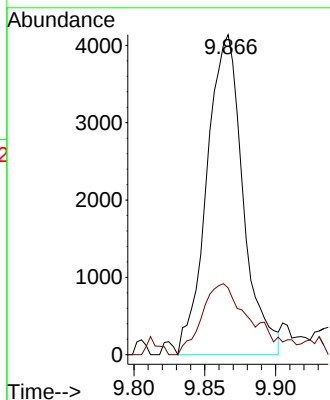
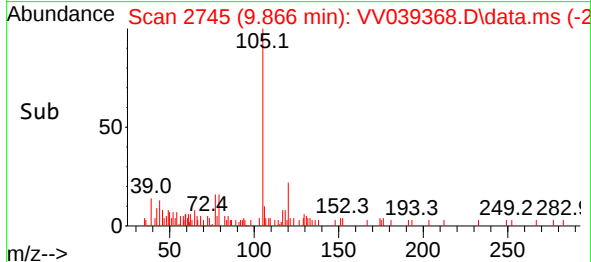
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



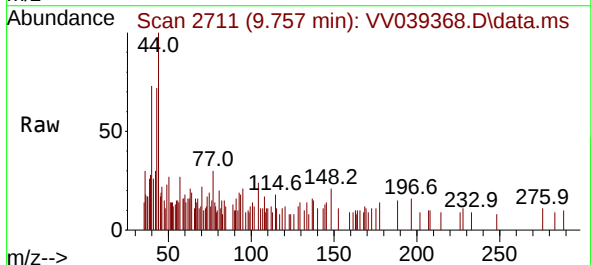
Tgt Ion: 105 Resp: 7352
Ion Ratio Lower Upper
105 100
120 30.5 13.4 40.1

Manual Integrations
APPROVED

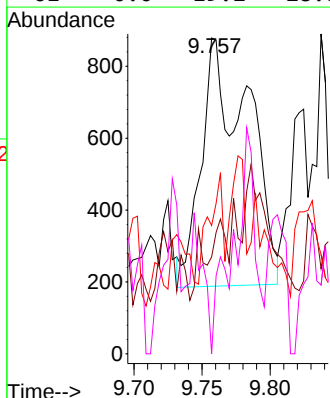
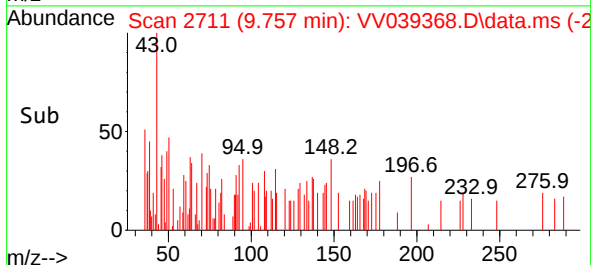
Reviewed By : John Carlone 11/14/2025
Supervised By : Mahesh Dadoda 11/14/2025

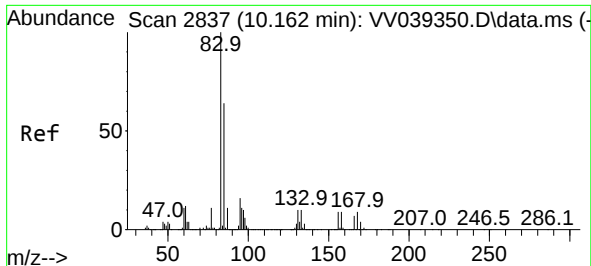


#74
N-ethyl acetate
Concen: 0.148 ug/l m
RT: 9.757 min Scan# 2711
Delta R.T. 0.035 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57



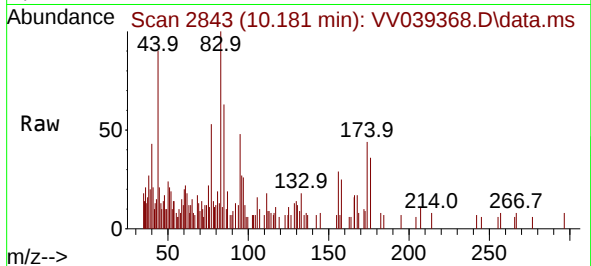
Tgt Ion: 43 Resp: 1642
Ion Ratio Lower Upper
43 100
70 10.8 34.6 51.8#
55 7.6 21.0 31.6#
61 0.0 19.2 28.8#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.239 ug/l
RT: 10.181 min Scan# 2843
Delta R.T. 0.019 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

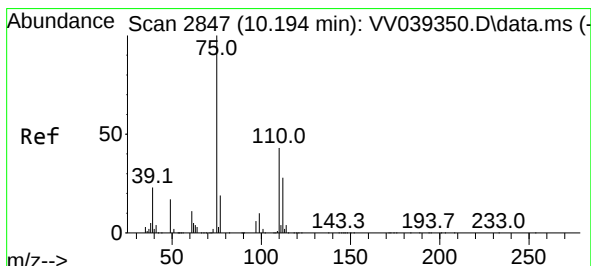
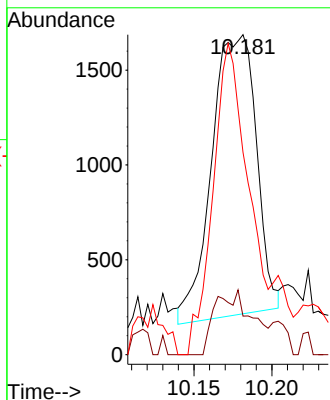
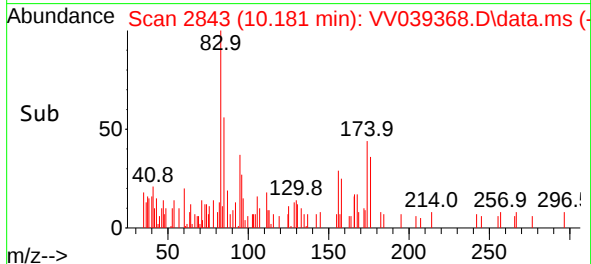
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 83 Resp: 2940
Ion Ratio Lower Upper
83 100
131 19.2 5.4 16.2
85 88.3 32.0 96.2

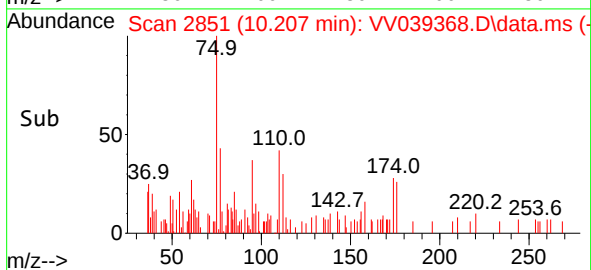
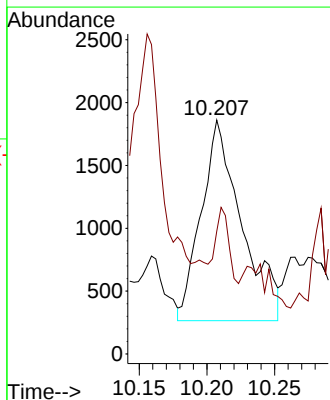
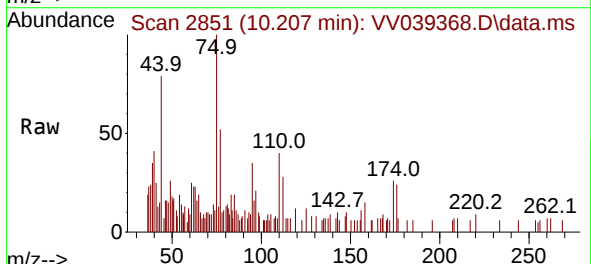
Manual Integrations
APPROVED

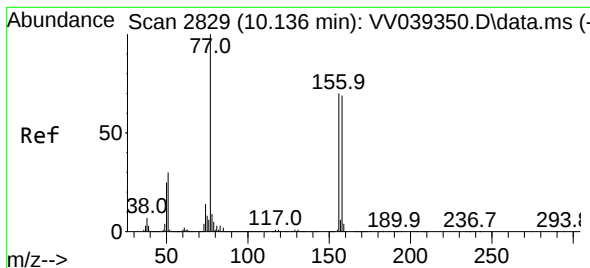
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#76
1,2,3-Trichloropropane
Concen: 0.368 ug/l m
RT: 10.207 min Scan# 2851
Delta R.T. 0.013 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Tgt Ion: 75 Resp: 3321
Ion Ratio Lower Upper
75 100
77 71.9 11.8 35.3#





#77

Bromobenzene

Concen: 0.337 ug/l

RT: 10.149 min Scan# 2829

Delta R.T. 0.013 min

Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

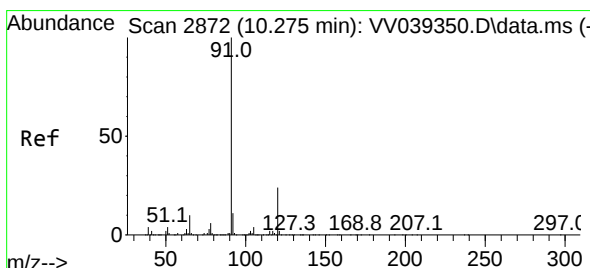
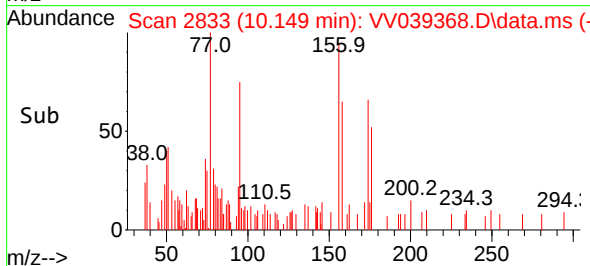
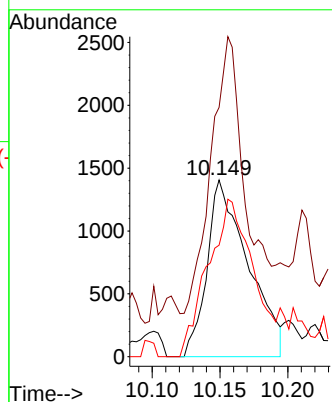
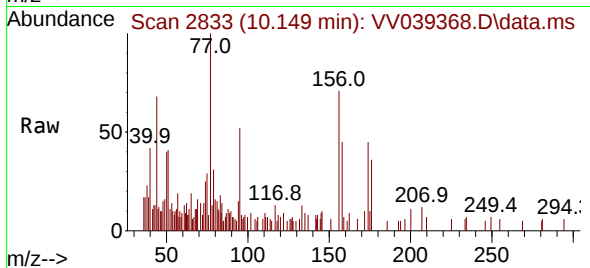
Tgt Ion:	156	Resp:	295
Ion Ratio	Lower	Upper	
156	100		
77	145.7	70.3	210.9
158	97.3	49.4	148.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#78

n-propylbenzene

Concen: 0.271 ug/l

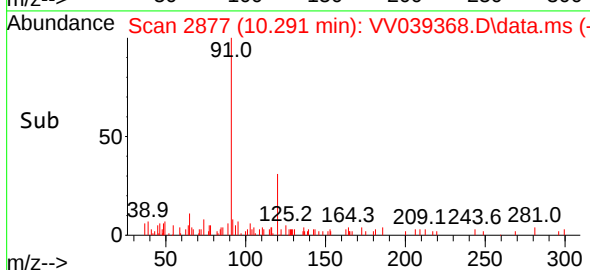
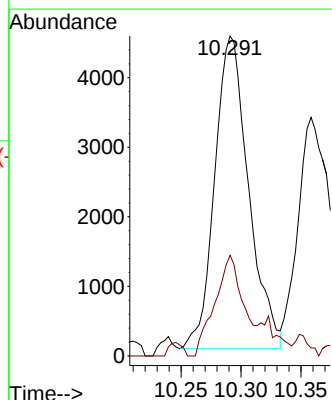
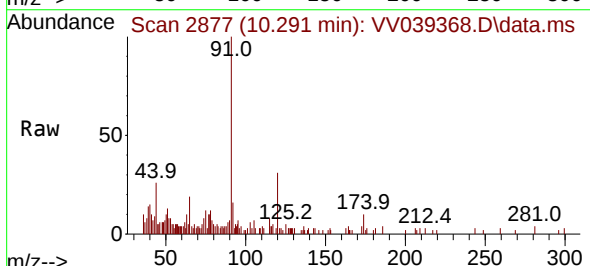
RT: 10.291 min Scan# 2877

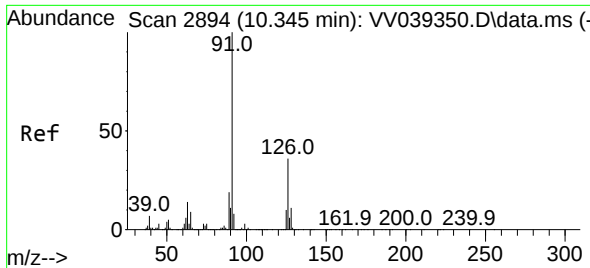
Delta R.T. 0.016 min

Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

Tgt Ion:	91	Resp:	8813
Ion Ratio	Lower	Upper	
91	100		
120	27.2	12.0	36.0





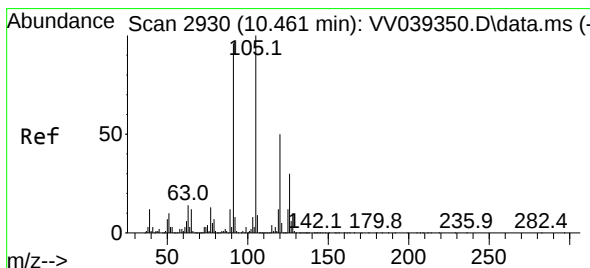
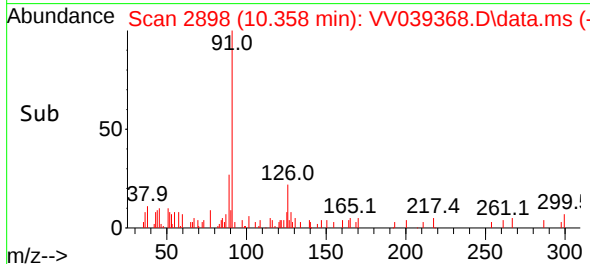
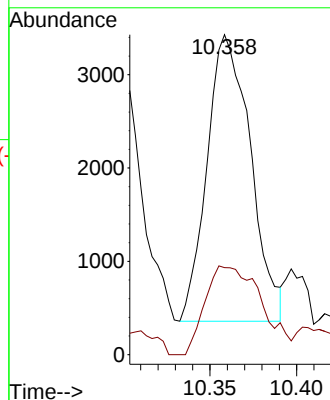
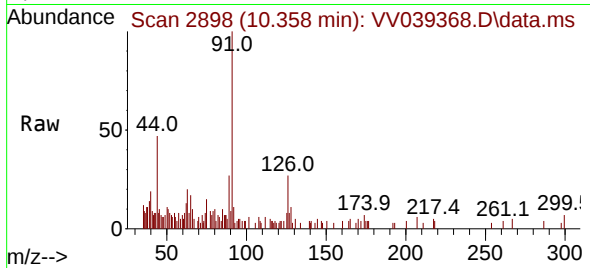
#79
2-Chlorotoluene
Concen: 0.257 ug/l
RT: 10.358 min Scan# 2898
Delta R.T. 0.013 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 91 Resp: 535
Ion Ratio Lower Upper
91 100
126 40.1 17.6 52.8

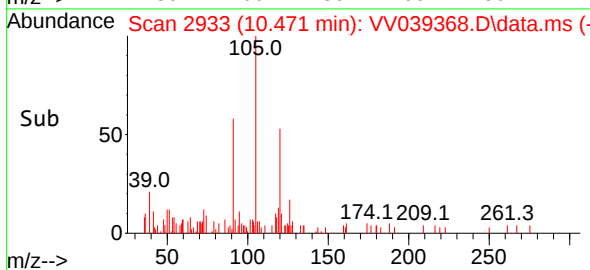
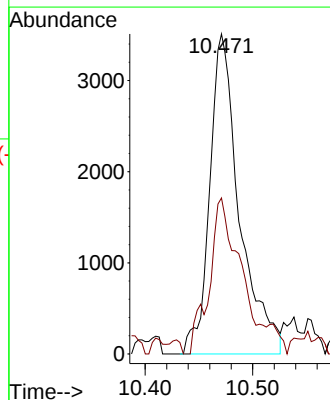
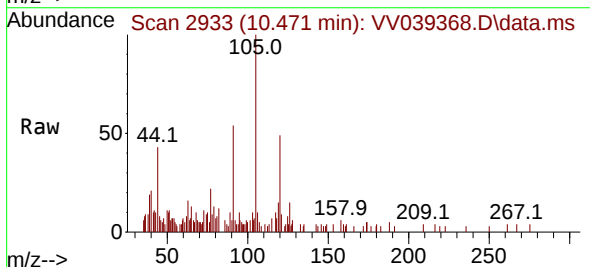
Manual Integrations
APPROVED

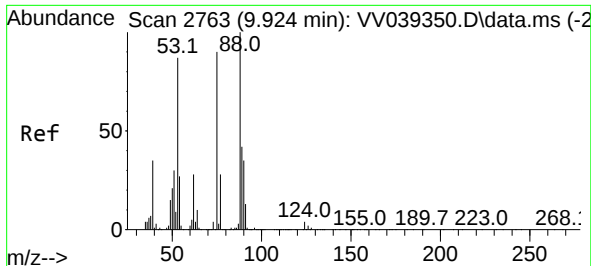
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.291 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.010 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

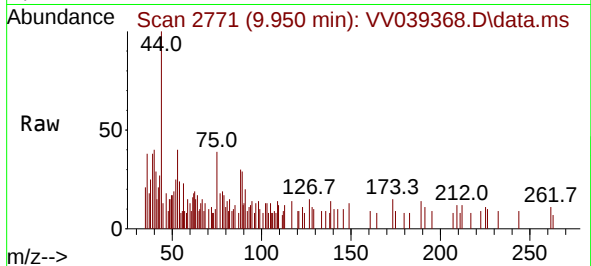
Tgt Ion:105 Resp: 6749
Ion Ratio Lower Upper
105 100
120 51.3 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 0.249 ug/l m
RT: 9.950 min Scan# 21
Delta R.T. 0.026 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

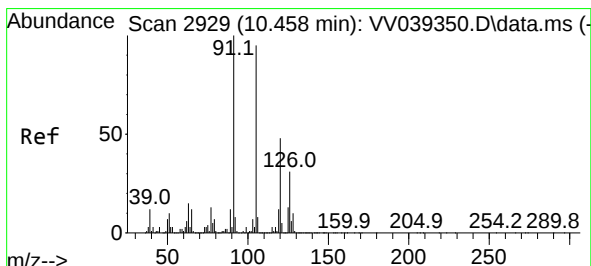
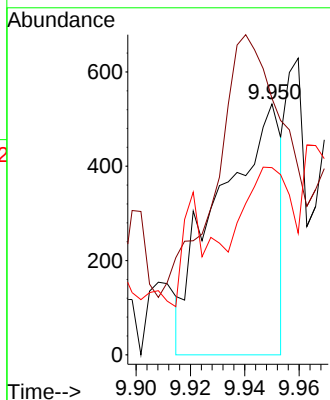
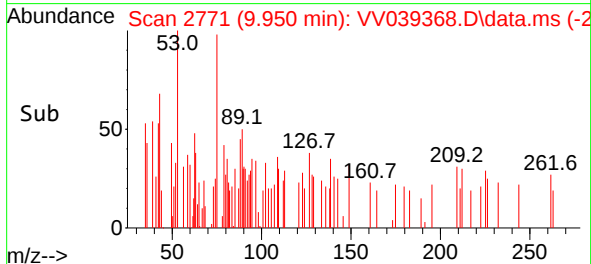
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 75 Resp: 838
Ion Ratio Lower Upper
75 100
53 87.0 79.0 118.6
89 14.0 40.4 60.6

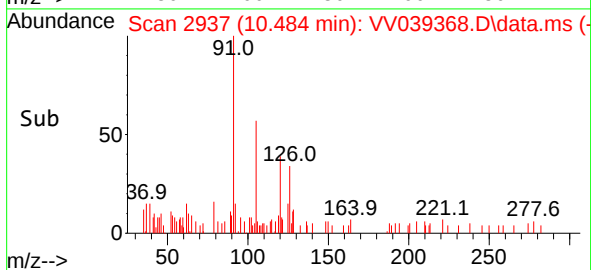
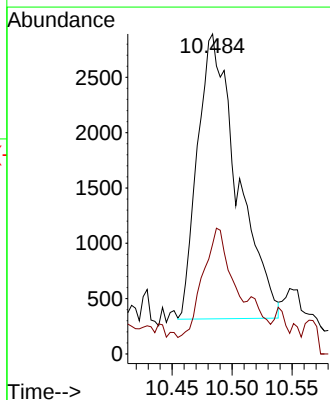
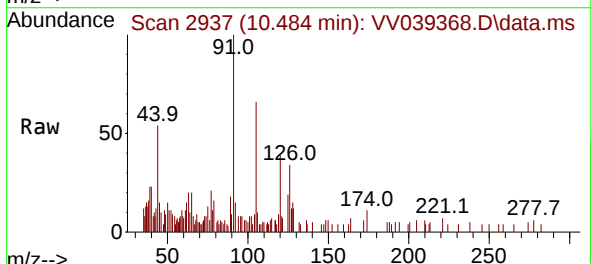
Manual Integrations
APPROVED

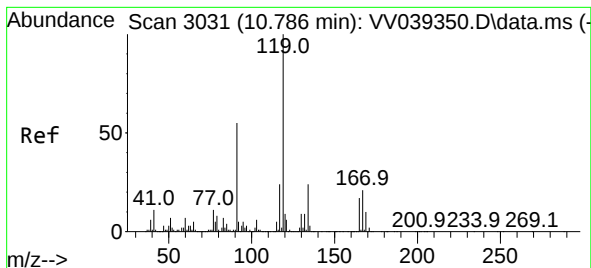
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#82
4-Chlorotoluene
Concen: 0.256 ug/l
RT: 10.484 min Scan# 2937
Delta R.T. 0.026 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Tgt Ion: 91 Resp: 5956
Ion Ratio Lower Upper
91 100
126 26.3 15.3 45.9





#83

tert-Butylbenzene

Concen: 0.275 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.006 min

Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

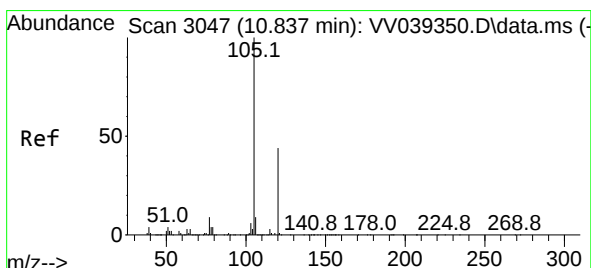
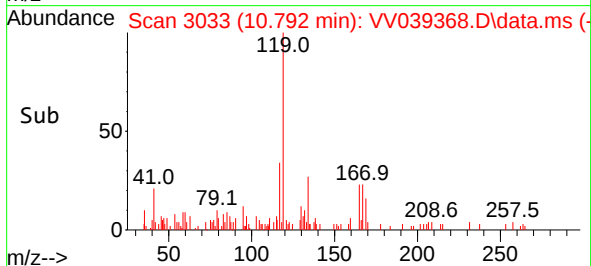
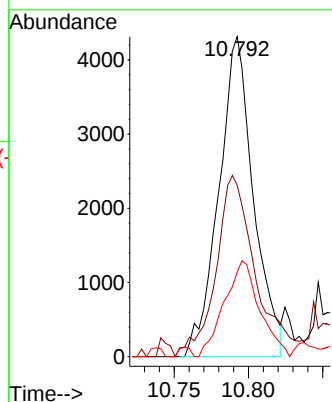
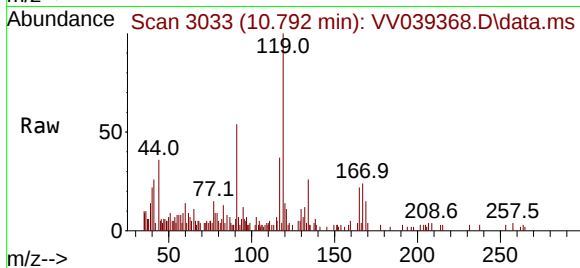
Tgt Ion:	119	Resp:	701
Ion Ratio	Lower	Upper	
119	100		
91	64.2	26.5	79.5
134	30.4	11.9	35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#84

1,2,4-Trimethylbenzene

Concen: 0.296 ug/l

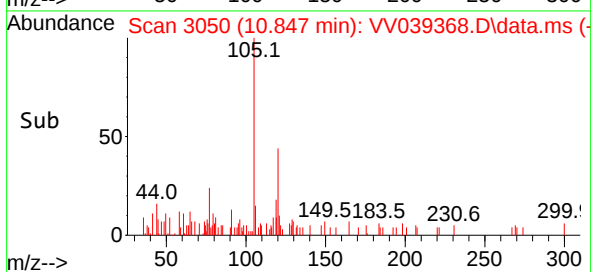
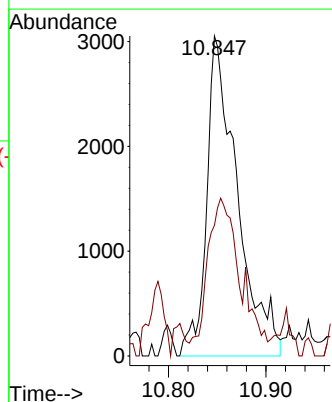
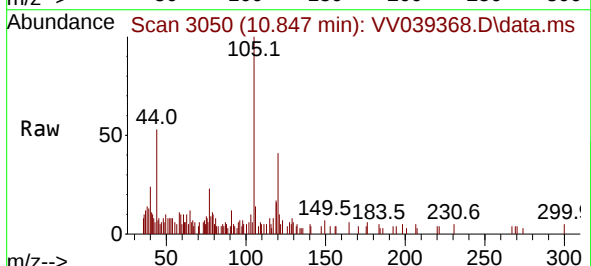
RT: 10.847 min Scan# 3050

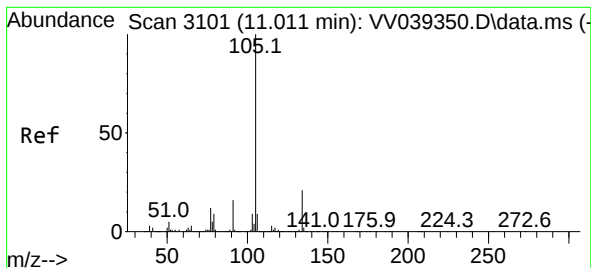
Delta R.T. 0.010 min

Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

Tgt Ion:	105	Resp:	6678
Ion Ratio	Lower	Upper	
105	100		
120	38.4	23.0	69.0





#85

sec-Butylbenzene

Concen: 0.259 ug/l

RT: 11.017 min Scan# 3101

Delta R.T. 0.006 min

Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion:105 Resp: 7830

Ion Ratio Lower Upper

105 100

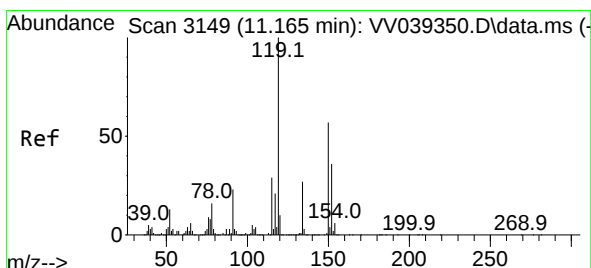
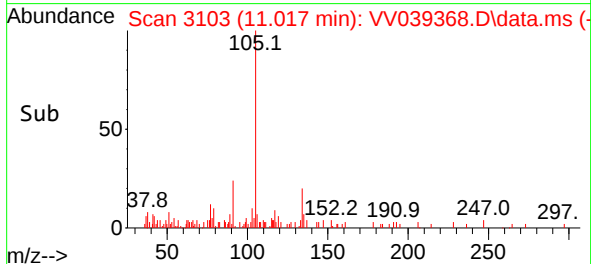
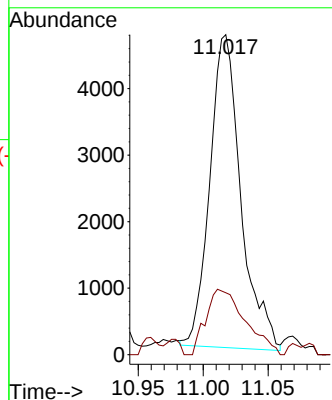
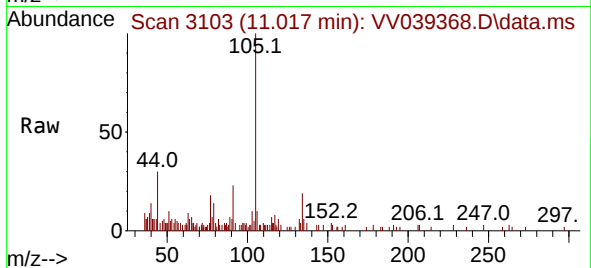
134 26.4 10.5 31.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#86

p-Isopropyltoluene

Concen: 0.327 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039368.D

Acq: 12 Nov 2025 11:57

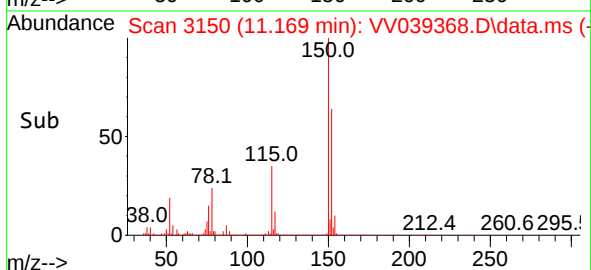
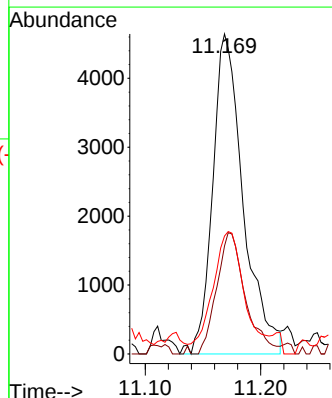
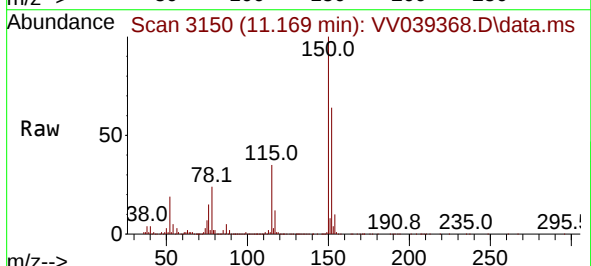
Tgt Ion:119 Resp: 8521

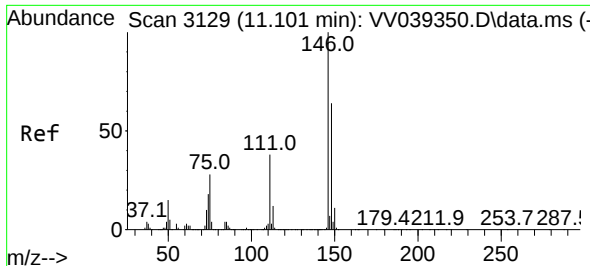
Ion Ratio Lower Upper

119 100

134 35.4 13.4 40.2

91 33.2 11.5 34.4





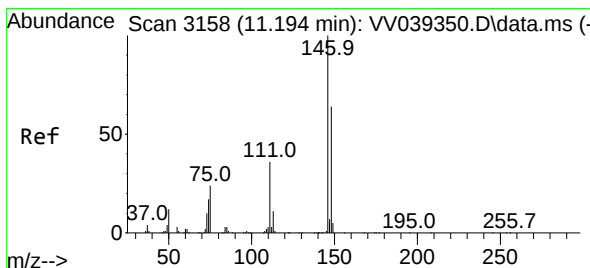
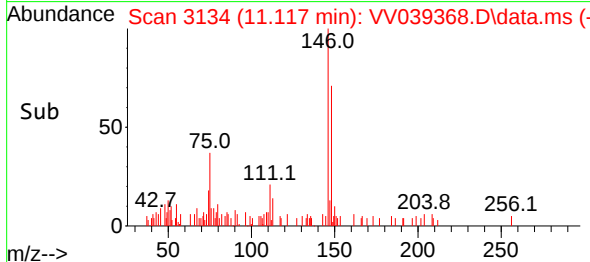
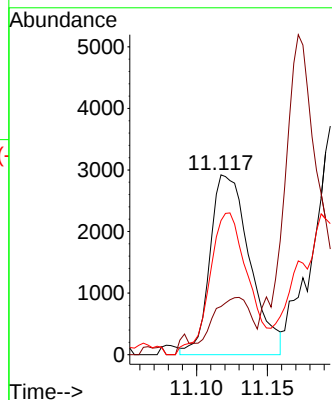
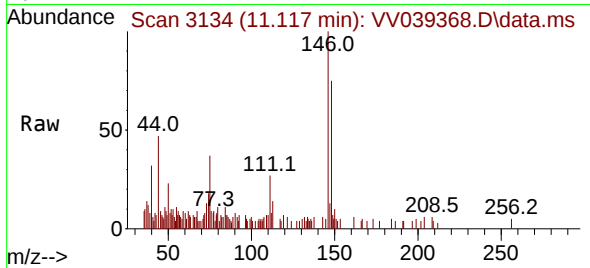
#87
1,3-Dichlorobenzene
Concen: 0.340 ug/l
RT: 11.117 min Scan# 3134
Delta R.T. 0.016 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:146 Resp: 5708
Ion Ratio Lower Upper
146 100
111 23.1 18.8 56.4
148 76.5 31.9 95.5

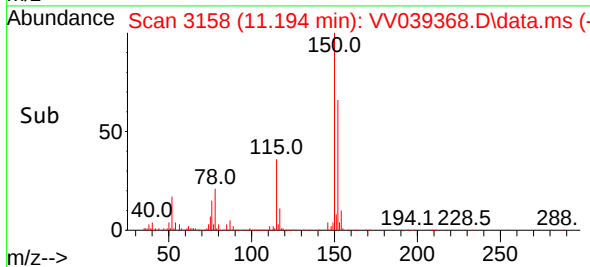
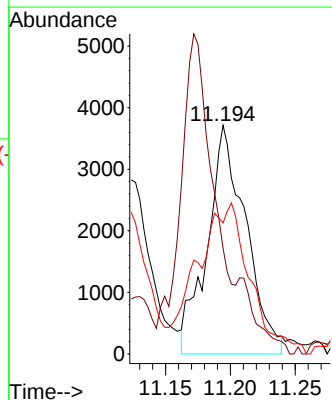
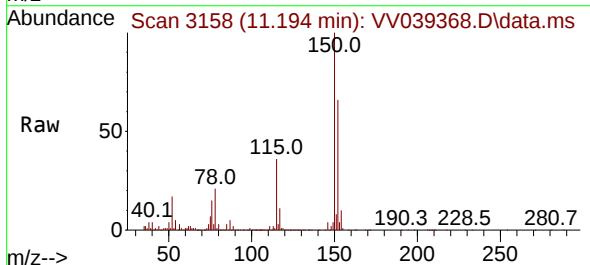
Manual Integrations
APPROVED

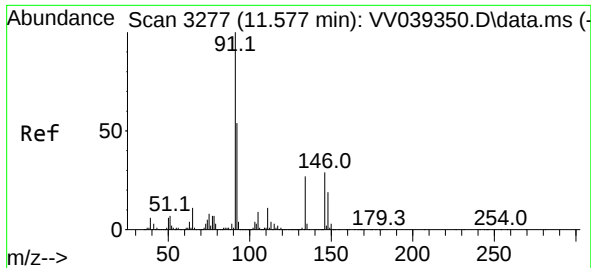
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#88
1,4-Dichlorobenzene
Concen: 0.417 ug/l m
RT: 11.194 min Scan# 3158
Delta R.T. 0.000 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Tgt Ion:146 Resp: 7641
Ion Ratio Lower Upper
146 100
111 17.2 18.6 55.8#
148 57.1 32.0 96.2





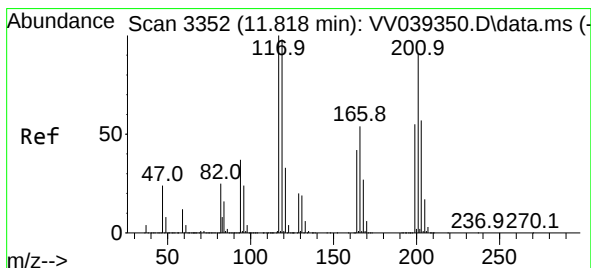
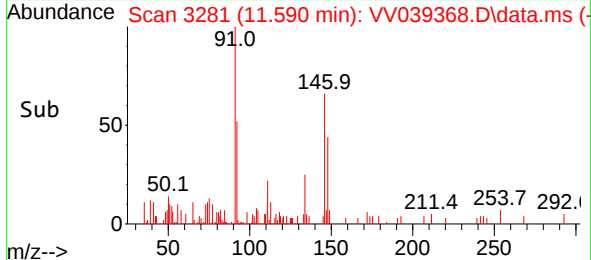
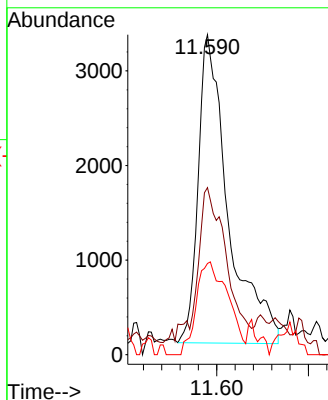
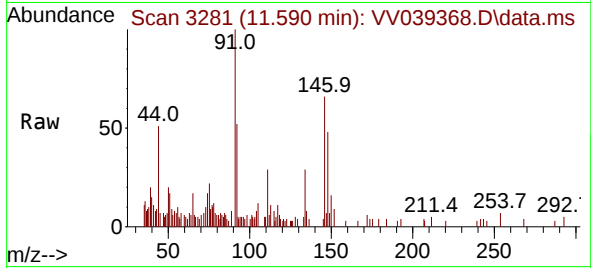
#89
n-Butylbenzene
Concen: 0.320 ug/l
RT: 11.590 min Scan# 3277
Delta R.T. 0.013 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 91 Resp: 743
Ion Ratio Lower Upper
91 100
92 47.8 26.9 80.7
134 31.8 13.5 40.5

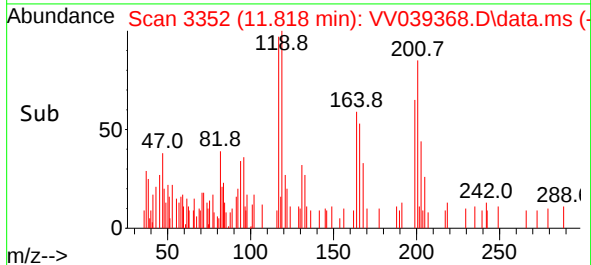
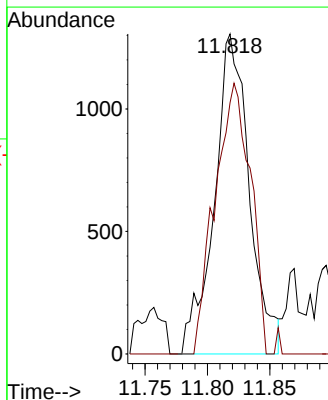
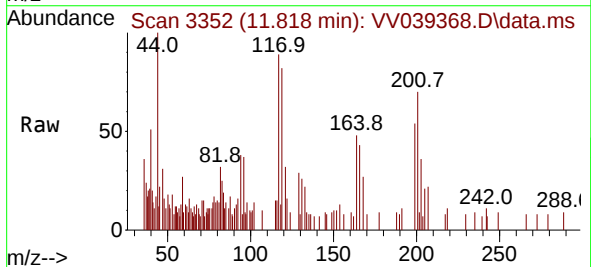
Manual Integrations
APPROVED

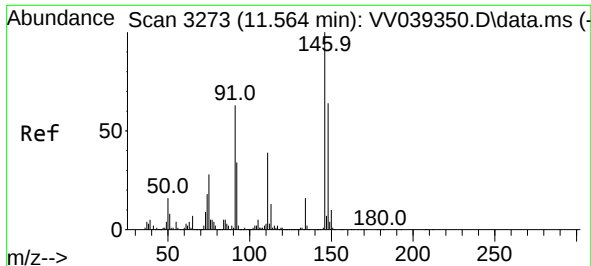
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#90
Hexachloroethane
Concen: 0.392 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

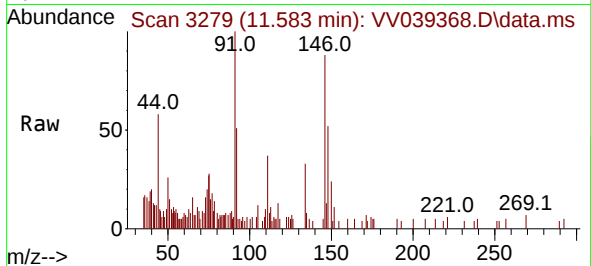
Tgt Ion:117 Resp: 2547
Ion Ratio Lower Upper
117 100
201 86.1 45.3 135.8





#91
1,2-Dichlorobenzene
Concen: 0.296 ug/l
RT: 11.583 min Scan# 3111
Delta R.T. 0.019 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

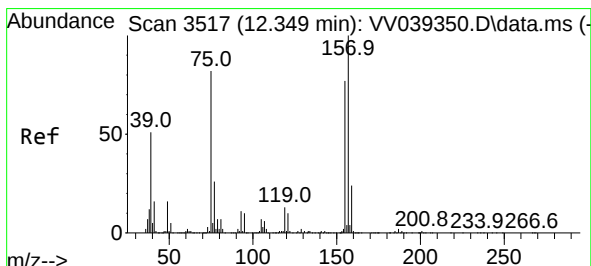
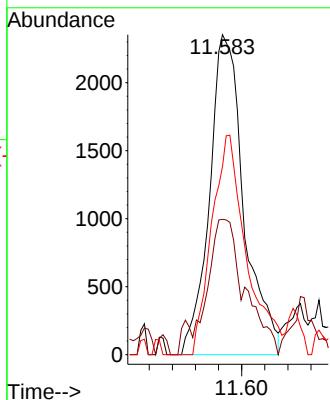
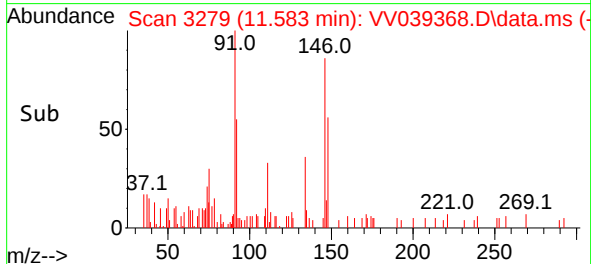
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion:146 Resp: 4869
Ion Ratio Lower Upper
146 100
111 44.7 19.5 58.5
148 69.0 32.0 96.0

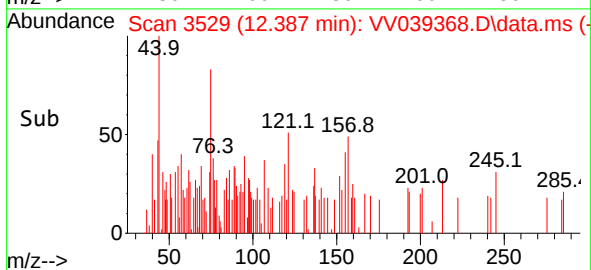
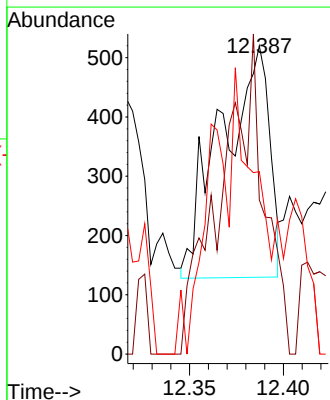
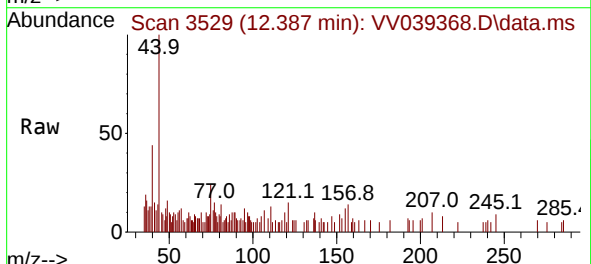
Manual Integrations
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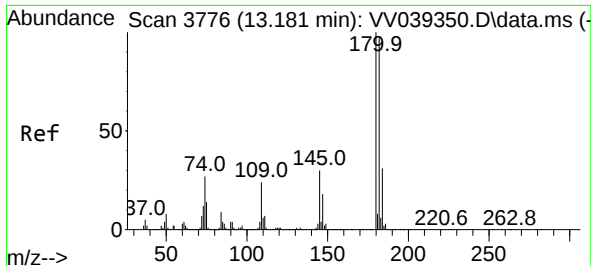
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.275 ug/l m
RT: 12.387 min Scan# 3529
Delta R.T. 0.039 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Tgt Ion: 75 Resp: 698
Ion Ratio Lower Upper
75 100
155 0.0 47.0 141.2#
157 52.3 61.3 183.9#





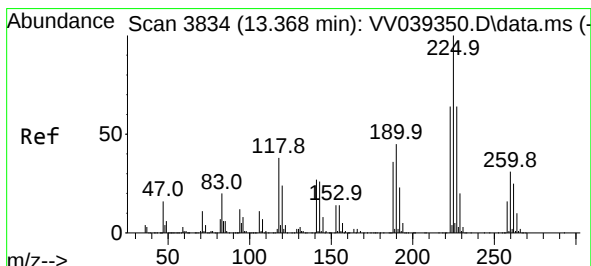
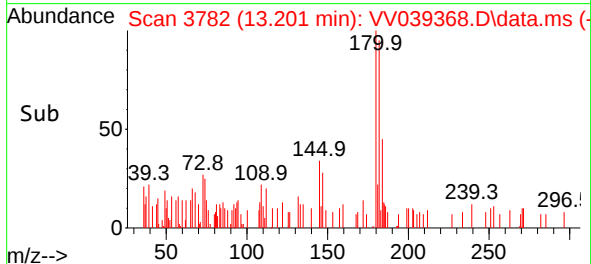
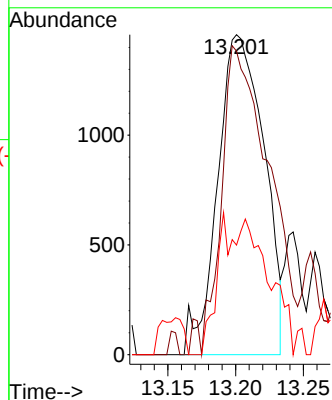
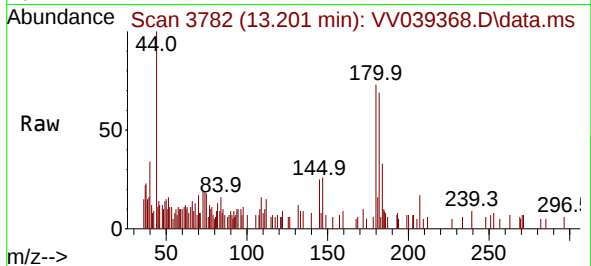
#93
1,2,4-Trichlorobenzene
Concen: 0.332 ug/l
RT: 13.201 min Scan# 3782
Delta R.T. 0.019 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:180 Resp: 346
Ion Ratio Lower Upper
180 100
182 98.4 48.5 145.5
145 17.4 14.6 43.8

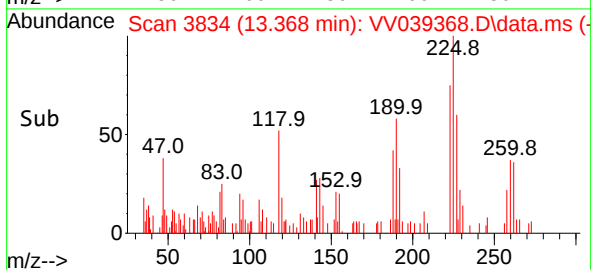
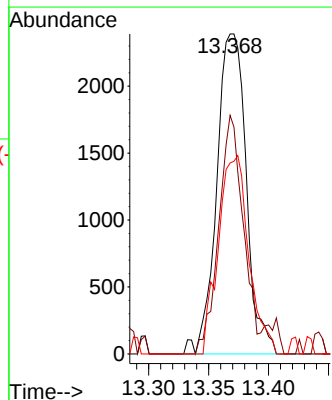
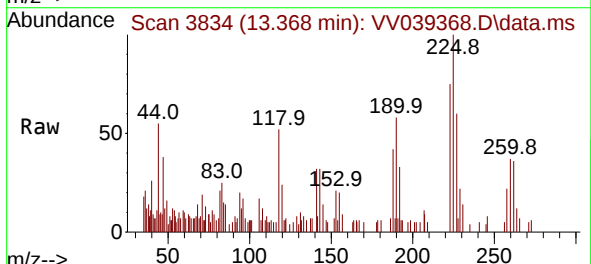
Manual Integrations
APPROVED

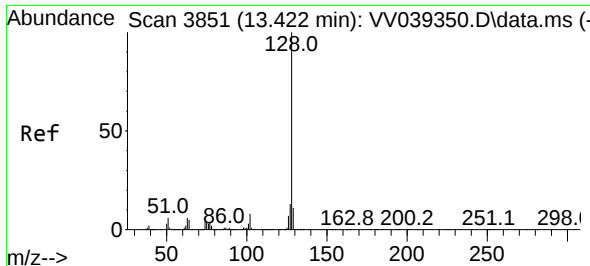
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#94
Hexachlorobutadiene
Concen: 0.737 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. 0.000 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

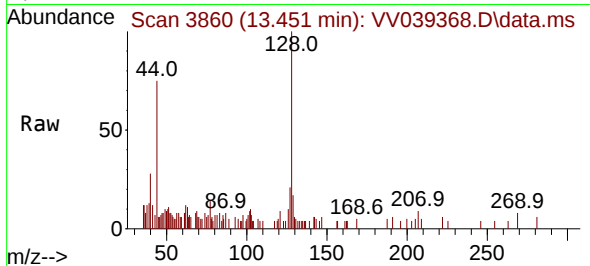
Tgt Ion:225 Resp: 4095
Ion Ratio Lower Upper
225 100
223 62.4 31.1 93.5
227 63.7 31.7 95.1





#95
Naphthalene
Concen: 0.270 ug/l
RT: 13.451 min Scan# 3860
Delta R.T. 0.029 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

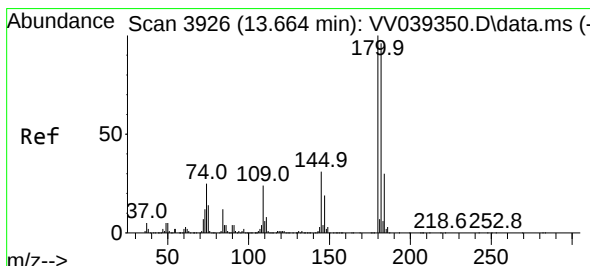
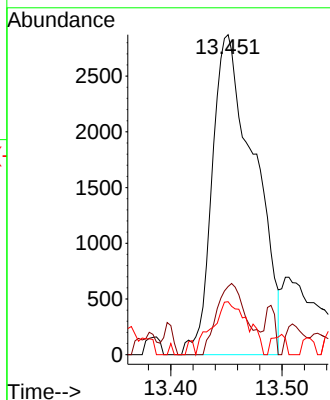
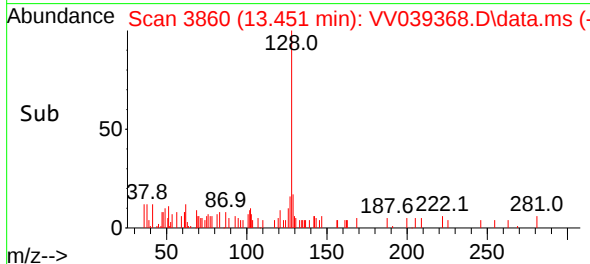
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:128 Resp: 7538
Ion Ratio Lower Upper
128 100
127 15.7 10.4 15.6
129 13.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.334 ug/l
RT: 13.683 min Scan# 3932
Delta R.T. 0.019 min
Lab File: VV039368.D
Acq: 12 Nov 2025 11:57

Tgt Ion:180 Resp: 3591
Ion Ratio Lower Upper
180 100
182 93.0 47.9 143.6
145 9.9 15.3 45.9

