

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
 Data File : VV039369.D
 Acq On : 12 Nov 2025 12:19
 Operator : SY/MD
 Sample : Q3530-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 14 00:20:38 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	4.600	168	739189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1112848	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1055356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	565564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	520644	57.093	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 114.180%			
35) Dibromofluoromethane	4.503	113	438171	51.336	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 102.680%			
50) Toluene-d8	7.236	98	1318235	46.736	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 93.480%			
62) 4-Bromofluorobenzene	10.001	95	481122	44.392	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 88.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	3145	0.713	ug/l	90
3) Chloromethane	1.230	50	2936	0.713	ug/l	89
4) Vinyl Chloride	1.297	62	3574	0.703	ug/l #	63
5) Bromomethane	1.503	94	3252	1.075	ug/l	95
6) Chloroethane	1.561	64	4150m	1.106	ug/l	
7) Trichlorofluoromethane	1.728	101	8263	0.799	ug/l #	84
8) Diethyl Ether	1.921	74	3339	0.846	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.085	101	3996	0.587	ug/l #	70
10) Methyl Iodide	2.198	142	5287	1.262	ug/l #	91
11) Tert butyl alcohol	2.568	59	5391m	5.518	ug/l	
12) 1,1-Dichloroethene	2.082	96	3456	0.642	ug/l	93
13) Acrolein	2.021	56	454	4.953	ug/l #	66
14) Allyl chloride	2.365	41	6515m	0.680	ug/l	
15) Acrylonitrile	2.709	53	11409m	3.009	ug/l	
16) Acetone	2.124	43	23618	4.895	ug/l	97
17) Carbon Disulfide	2.256	76	7028	0.826	ug/l #	83
18) Methyl Acetate	2.410	43	3791m	0.293	ug/l	
19) Methyl tert-butyl Ether	2.715	73	11937	0.590	ug/l	92
20) Methylene Chloride	2.461	84	6269	0.842	ug/l #	84
21) trans-1,2-Dichloroethene	2.719	96	4402	0.825	ug/l	92
22) Diisopropyl ether	3.230	45	9615	0.462	ug/l #	76
23) Vinyl Acetate	3.236	43	45898m	3.120	ug/l	
24) 1,1-Dichloroethane	3.127	63	9400	0.742	ug/l #	92
25) 2-Butanone	3.973	43	20841m	4.140	ug/l	
26) 2,2-Dichloropropane	3.815	77	8001m	0.751	ug/l	
27) cis-1,2-Dichloroethene	3.857	96	3656m	0.504	ug/l	
28) Bromochloromethane	4.166	49	4784m	0.864	ug/l	
29) Tetrahydrofuran	4.281	42	7299m	2.590	ug/l	
30) Chloroform	4.307	83	10391m	0.743	ug/l	
31) Cyclohexane	4.593	56	17791	2.244	ug/l #	19
32) 1,1,1-Trichloroethane	4.516	97	8621	0.737	ug/l #	51
36) 1,1-Dichloropropene	4.767	75	3379	0.460	ug/l #	45
37) Ethyl Acetate	3.973	43	14913m	1.320	ug/l	
38) Carbon Tetrachloride	4.747	117	9971m	0.913	ug/l	
39) Methylcyclohexane	6.053	83	3995	0.510	ug/l	92
40) Benzene	5.030	78	15068	0.586	ug/l #	76

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.204	41	1863m	0.462	ug/l	
42) 1,2-Dichloroethane	5.066	62	6659	0.665	ug/l	77
43) Isopropyl Acetate	5.243	43	10223m	0.679	ug/l	
44) Trichloroethene	5.857	130	4973	0.713	ug/l	70
45) 1,2-Dichloropropane	6.108	63	4797m	0.690	ug/l	
46) Dibromomethane	6.255	93	3452	0.617	ug/l	96
47) Bromodichloromethane	6.442	83	6848	0.565	ug/l #	94
48) Methyl methacrylate	6.397	41	3419m	0.488	ug/l	
49) 1,4-Dioxane	6.387	88	2666m	24.702	ug/l	
51) 4-Methyl-2-Pentanone	7.162	43	23152	2.251	ug/l	100
52) Toluene	7.323	92	10108	0.627	ug/l	98
53) t-1,3-Dichloropropene	7.612	75	7186m	0.689	ug/l	
54) cis-1,3-Dichloropropene	6.976	75	5416	0.489	ug/l #	84
55) 1,1,2-Trichloroethane	7.780	97	4851	0.595	ug/l #	87
56) Ethyl methacrylate	7.760	69	5362m	0.544	ug/l	
57) 1,3-Dichloropropane	7.950	76	7148	0.570	ug/l	94
58) 2-Chloroethyl Vinyl ether	6.863	63	6672m	2.382	ug/l	
59) 2-Hexanone	8.101	43	14031	1.909	ug/l	85
60) Dibromochloromethane	8.181	129	6606	0.632	ug/l	91
61) 1,2-Dibromoethane	8.297	107	5908m	0.743	ug/l	
64) Tetrachloroethene	7.908	164	4596	0.705	ug/l #	90
65) Chlorobenzene	8.808	112	13666	0.650	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.902	131	4965	0.566	ug/l #	63
67) Ethyl Benzene	8.950	91	15614	0.514	ug/l	89
68) m/p-Xylenes	9.075	106	9702	0.845	ug/l	84
69) o-Xylene	9.480	106	6027	0.555	ug/l	91
70) Styrene	9.516	104	10050m	0.518	ug/l	
71) Bromoform	9.667	173	5457	0.671	ug/l #	95
73) Isopropylbenzene	9.863	105	15238	0.552	ug/l	94
74) N-amyl acetate	9.757	43	6189m	0.572	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.172	83	8226	0.684	ug/l	85
76) 1,2,3-Trichloropropane	10.210	75	5688m	0.648	ug/l	
77) Bromobenzene	10.156	156	6055	0.710	ug/l	89
78) n-propylbenzene	10.287	91	18354	0.580	ug/l	91
79) 2-Chlorotoluene	10.358	91	11213	0.554	ug/l	96
80) 1,3,5-Trimethylbenzene	10.471	105	12170	0.539	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.947	75	1834m	0.560	ug/l	
82) 4-Chlorotoluene	10.477	91	11818	0.522	ug/l	93
83) tert-Butylbenzene	10.789	119	14175	0.571	ug/l	96
84) 1,2,4-Trimethylbenzene	10.850	105	10687	0.486	ug/l	94
85) sec-Butylbenzene	11.014	105	16128	0.548	ug/l	98
86) p-Isopropyltoluene	11.168	119	15598	0.614	ug/l	90
87) 1,3-Dichlorobenzene	11.120	146	10382	0.635	ug/l	94
88) 1,4-Dichlorobenzene	11.197	146	13886m	0.779	ug/l	
89) n-Butylbenzene	11.590	91	13362	0.590	ug/l	94
90) Hexachloroethane	11.821	117	4935	0.780	ug/l	79
91) 1,2-Dichlorobenzene	11.580	146	9048	0.566	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.371	75	2338	0.945	ug/l	60
93) 1,2,4-Trichlorobenzene	13.201	180	7143	0.704	ug/l	94
94) Hexachlorobutadiene	13.368	225	4511	0.833	ug/l	94
95) Naphthalene	13.445	128	12471	0.458	ug/l	98
96) 1,2,3-Trichlorobenzene	13.676	180	5756	0.550	ug/l	94

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LOD-MDL-WATER-01-QT4-2025

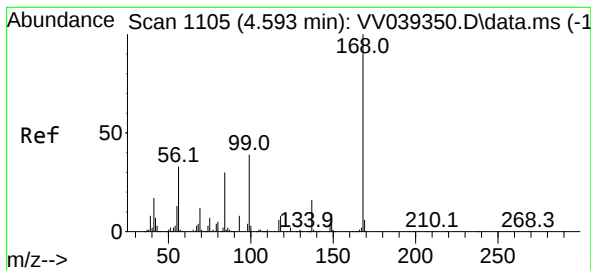
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/14/2025

Quant Time: Nov 14 00:20:38 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

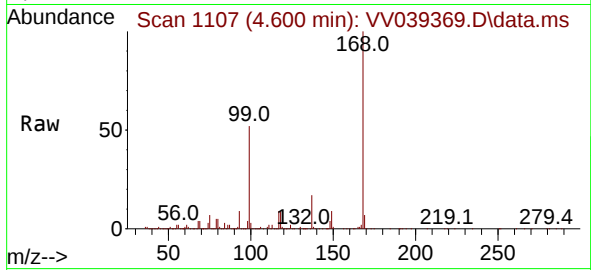
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1105
Delta R.T. 0.007 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

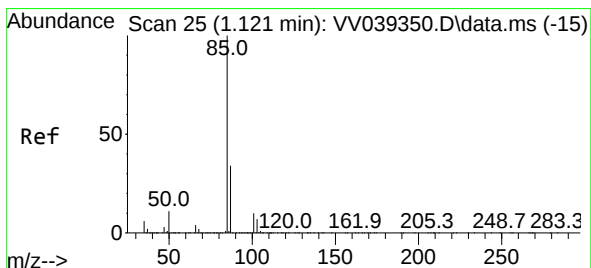
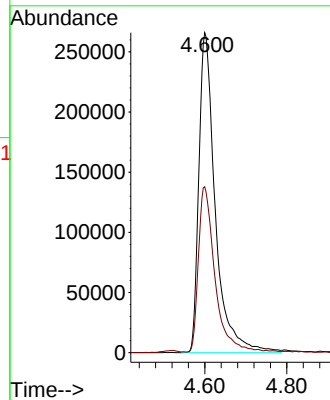
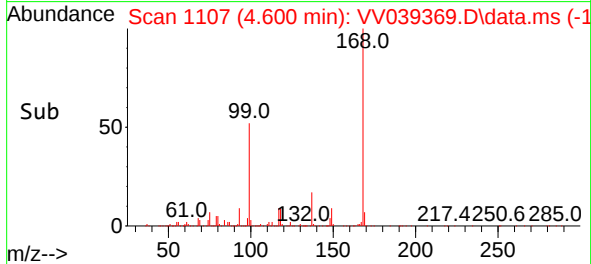
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion:168 Resp: 739189
Ion Ratio Lower Upper
168 100
99 51.6 41.2 61.8

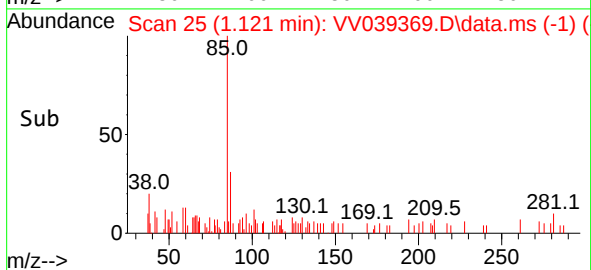
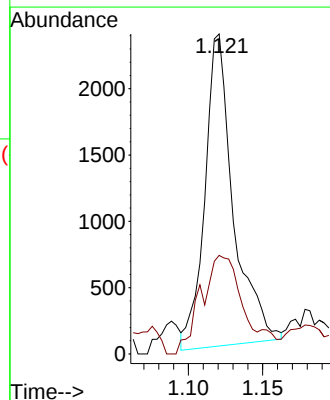
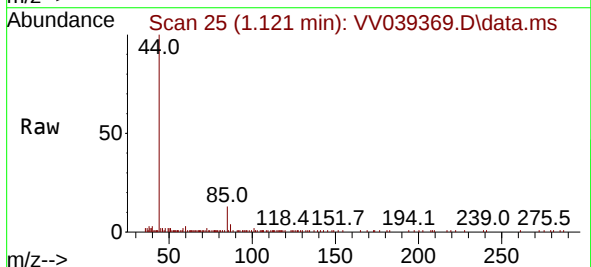
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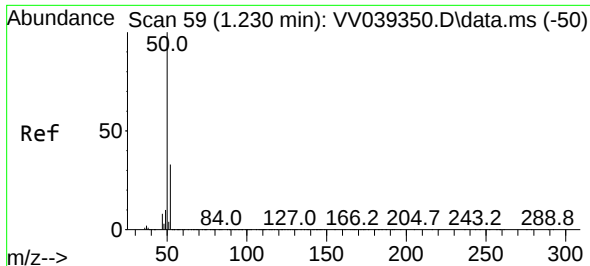
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#2
Dichlorodifluoromethane
Concen: 0.713 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

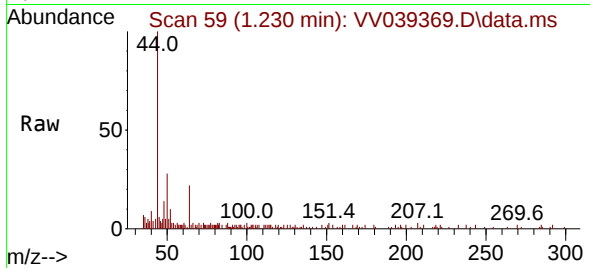
Tgt Ion: 85 Resp: 3145
Ion Ratio Lower Upper
85 100
87 28.4 16.9 50.7





#3
Chloromethane
Concen: 0.713 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

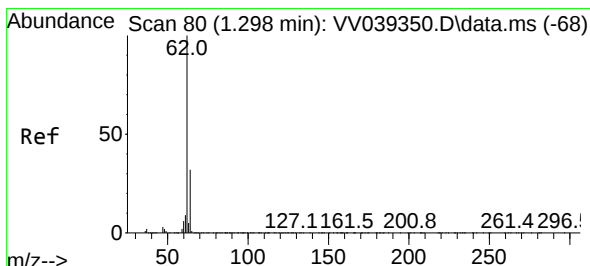
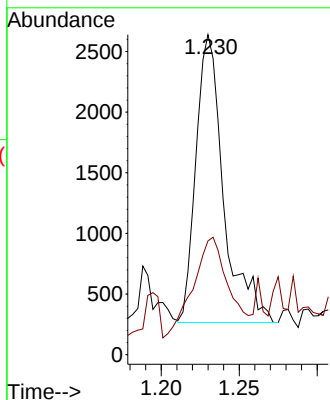
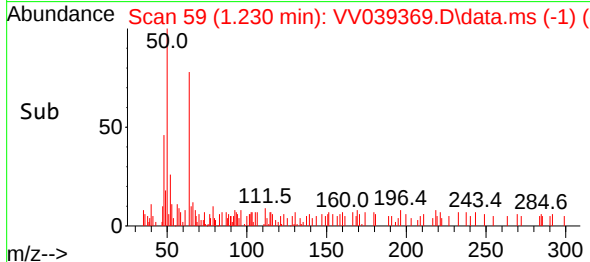
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



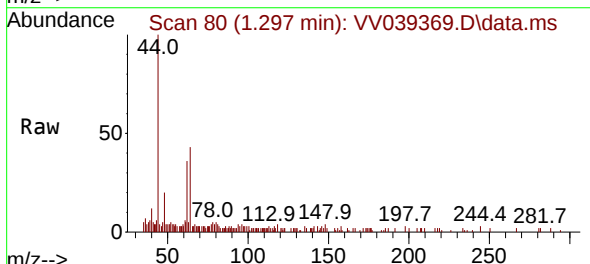
Tgt Ion: 50 Resp: 2930
Ion Ratio Lower Upper
50 100
52 26.8 26.6 39.8

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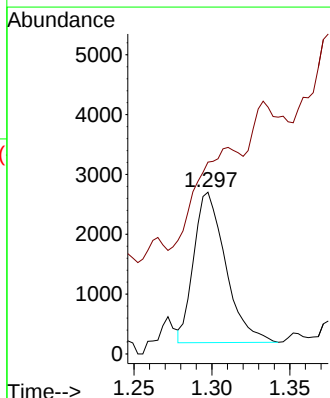
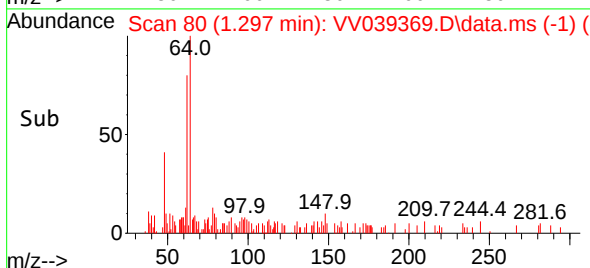
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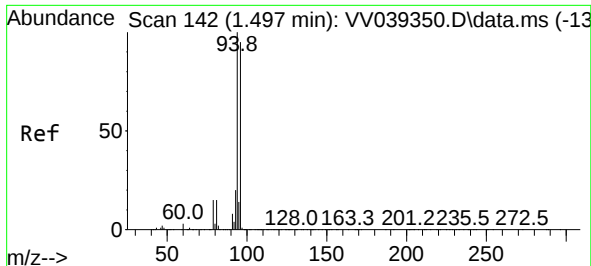


#4
Vinyl Chloride
Concen: 0.703 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19



Tgt Ion: 62 Resp: 3574
Ion Ratio Lower Upper
62 100
64 52.2 25.3 37.9#





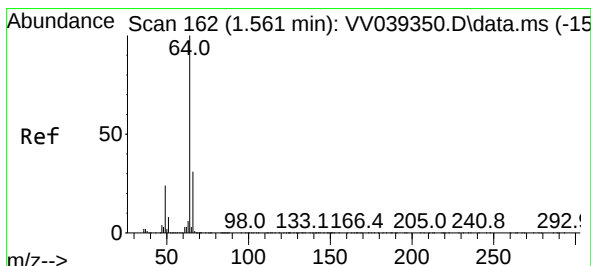
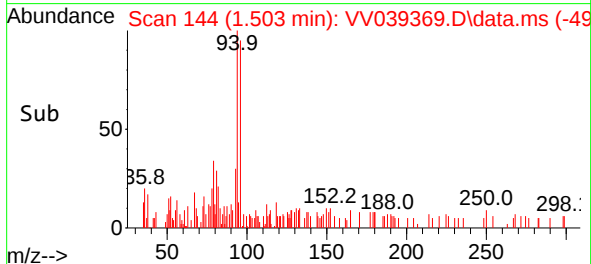
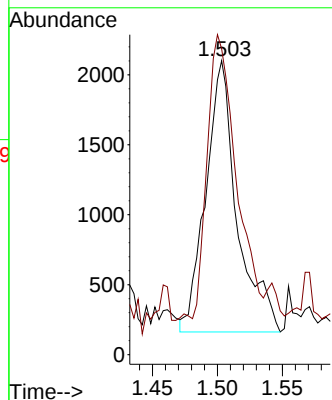
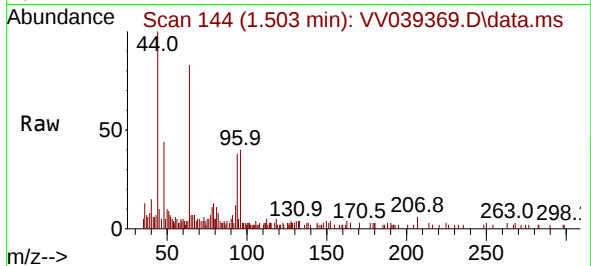
#5
Bromomethane
Concen: 1.075 ug/l
RT: 1.503 min Scan# 144
Delta R.T. 0.006 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion: 94 Resp: 325
Ion Ratio Lower Upper
94 100
96 99.2 75.6 113.4

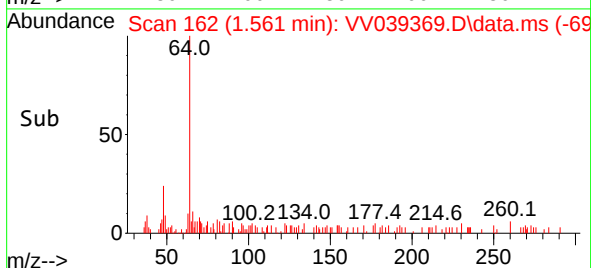
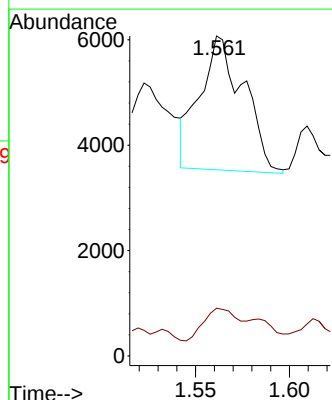
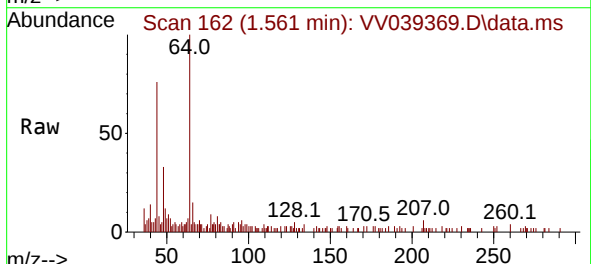
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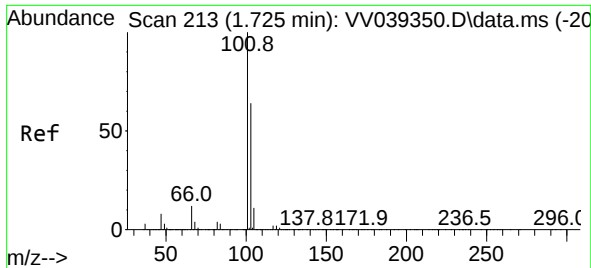
Reviewed By :John Carlone 11/14/2025
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#6
Chloroethane
Concen: 1.106 ug/l m
RT: 1.561 min Scan# 162
Delta R.T. -0.000 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

Tgt Ion: 64 Resp: 4150
Ion Ratio Lower Upper
64 100
66 14.9 24.7 37.1#





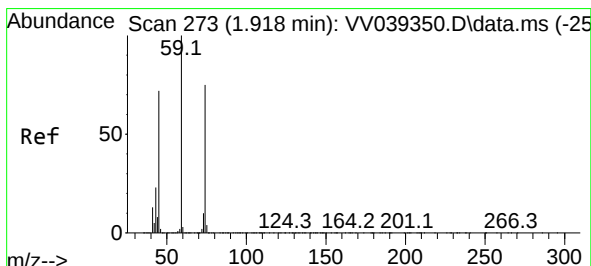
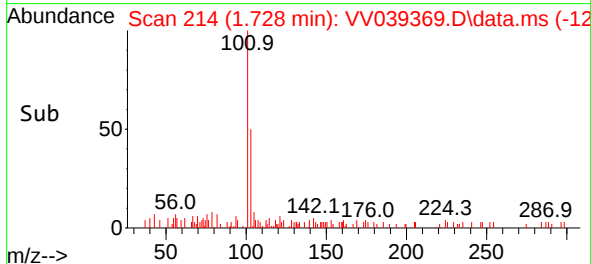
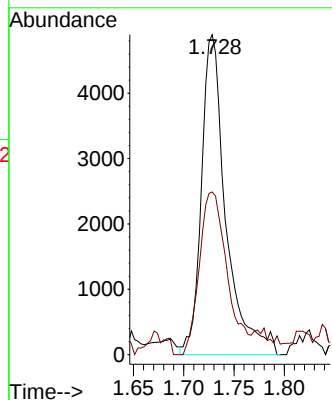
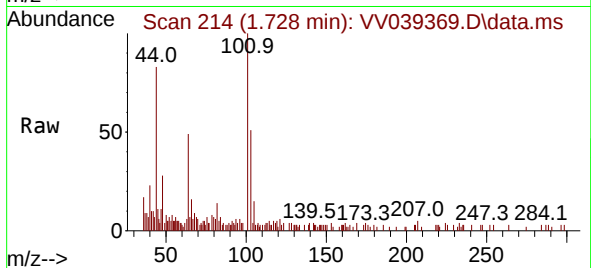
#7
Trichlorofluoromethane
Concen: 0.799 ug/l
RT: 1.728 min Scan# 213
Delta R.T. 0.003 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion:101 Resp: 826
Ion Ratio Lower Upper
101 100
103 50.8 50.9 76.3

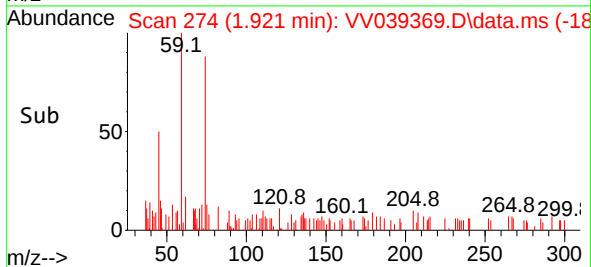
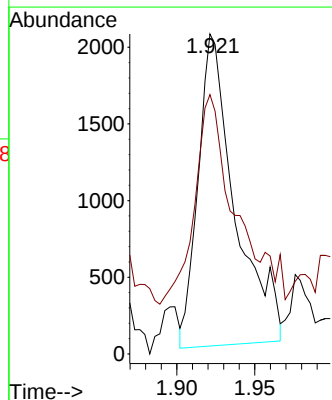
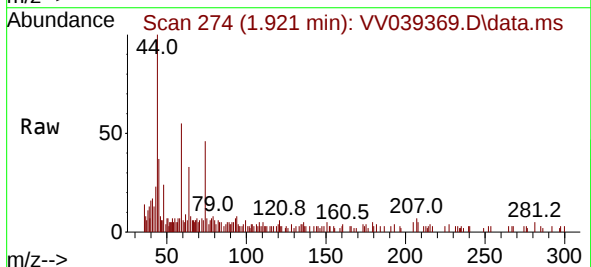
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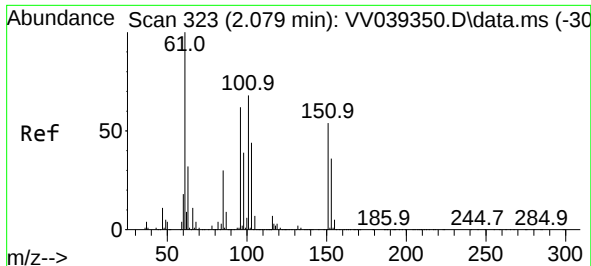
Reviewed By :John Carlone 11/14/2025
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#8
Diethyl Ether
Concen: 0.846 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.003 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

Tgt Ion: 74 Resp: 3339
Ion Ratio Lower Upper
74 100
45 74.9 50.6 151.8





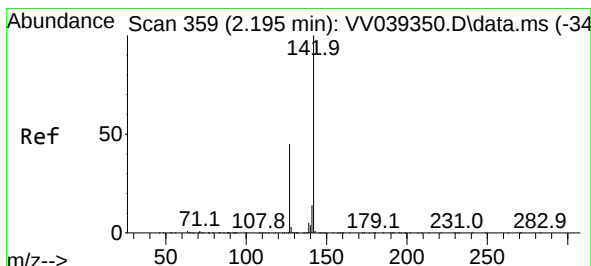
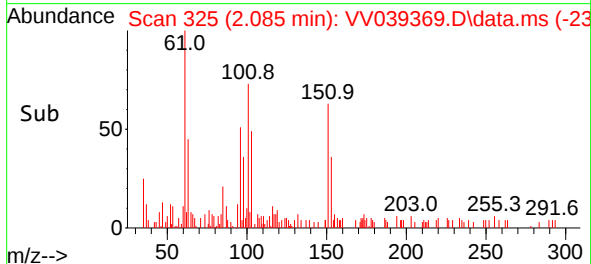
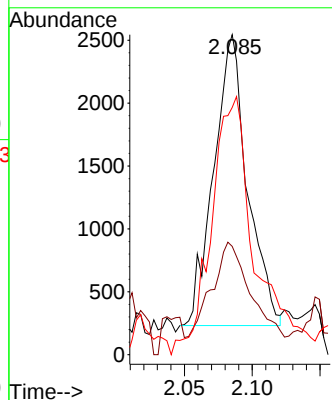
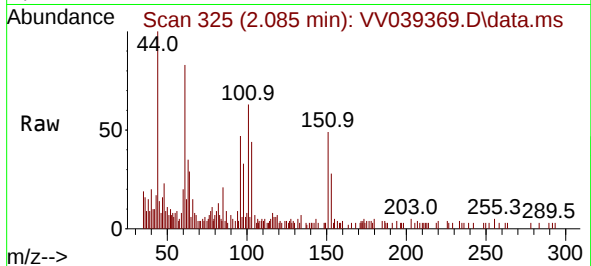
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.587 ug/l
RT: 2.085 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion:101 Resp: 3990
Ion Ratio Lower Upper
101 100
85 35.5 33.5 50.3
151 114.6 63.6 95.4

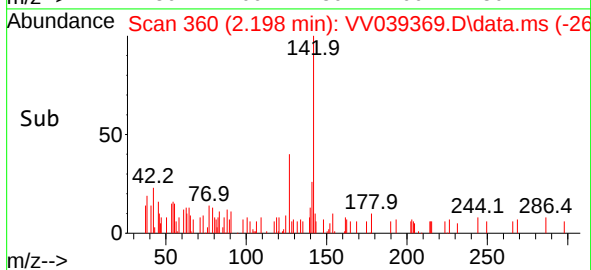
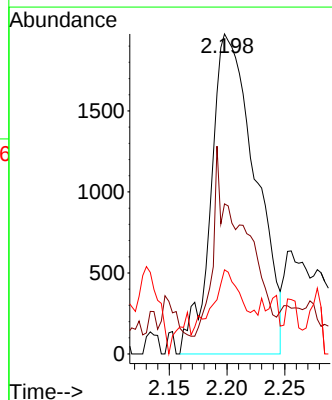
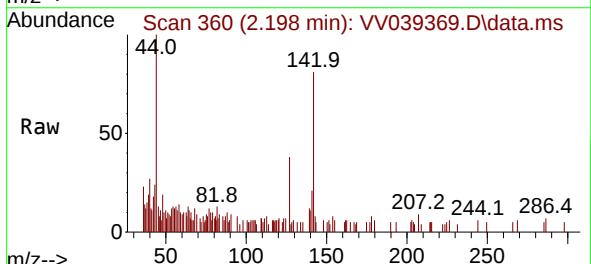
Manual Integrations
APPROVED

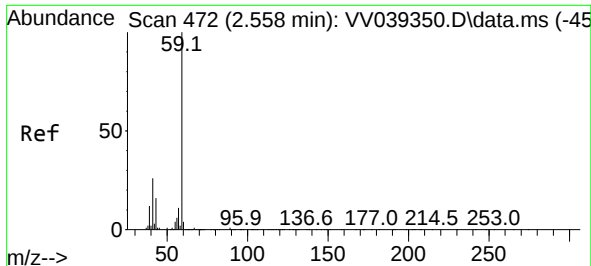
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#10
Methyl Iodide
Concen: 1.262 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

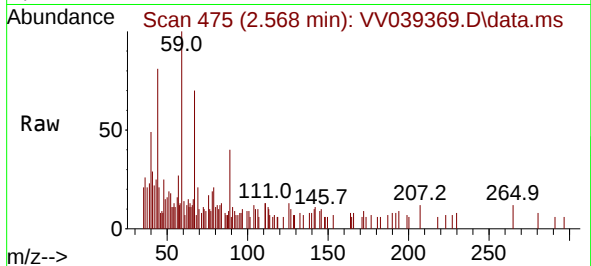
Tgt Ion:142 Resp: 5287
Ion Ratio Lower Upper
142 100
127 39.2 35.1 52.7
141 9.6 11.9 17.9





#11
Tert butyl alcohol
Concen: 5.518 ug/l m
RT: 2.568 min Scan# 472
Delta R.T. 0.010 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

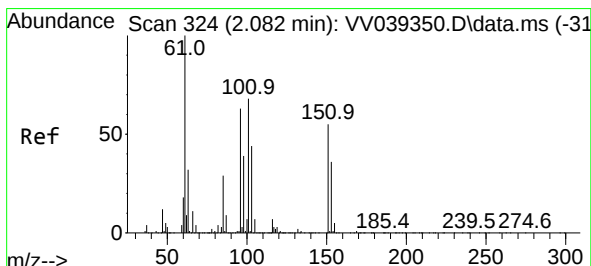
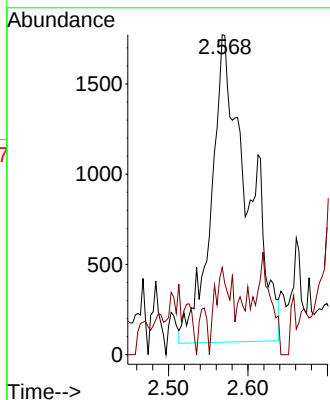
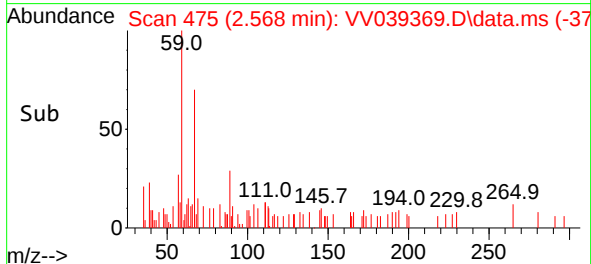
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 59 Resp: 539
Ion Ratio Lower Upper
59 100
57 12.3 8.0 12.0

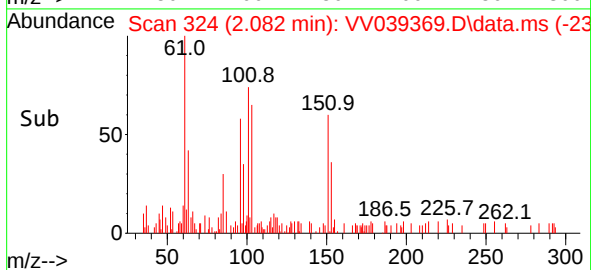
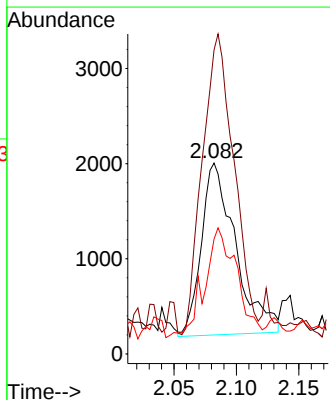
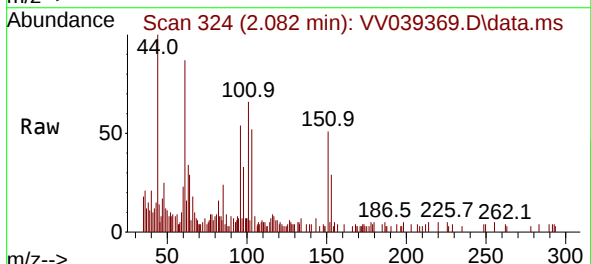
Manual Integrations
APPROVED

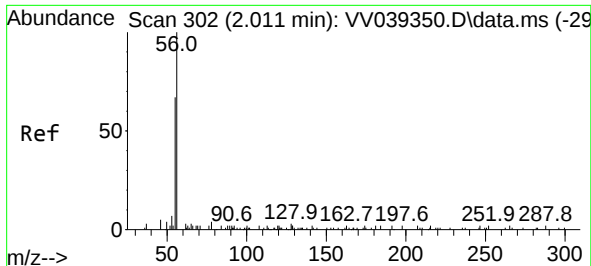
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#12
1,1-Dichloroethene
Concen: 0.642 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

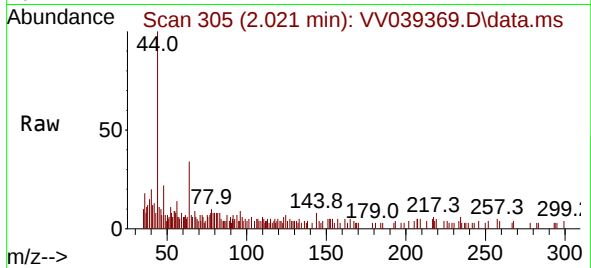
Tgt Ion: 96 Resp: 3456
Ion Ratio Lower Upper
96 100
61 167.3 127.8 191.6
98 55.5 50.2 75.2





#13
Acrolein
Concen: 4.953 ug/l
RT: 2.021 min Scan# 302
Delta R.T. 0.010 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

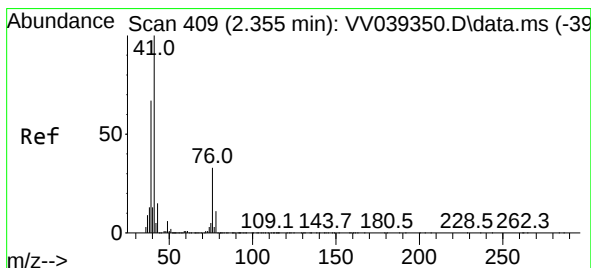
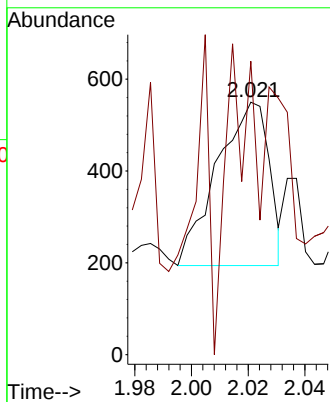
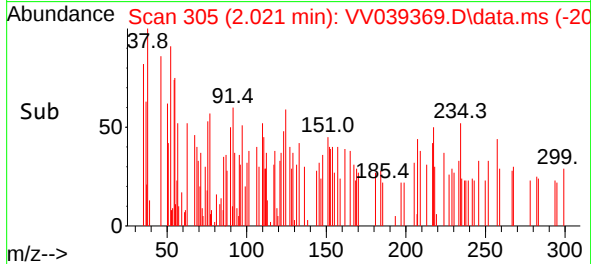
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 56 Resp: 454
Ion Ratio Lower Upper
56 100
55 41.2 55.2 82.8

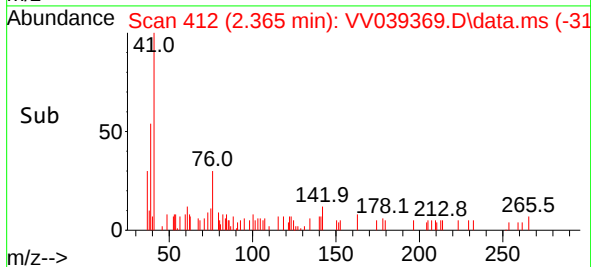
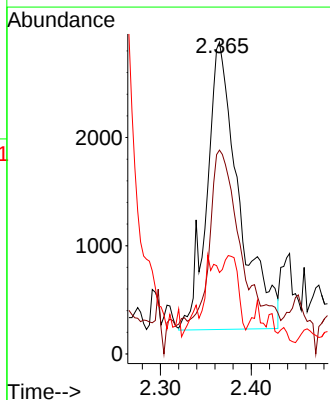
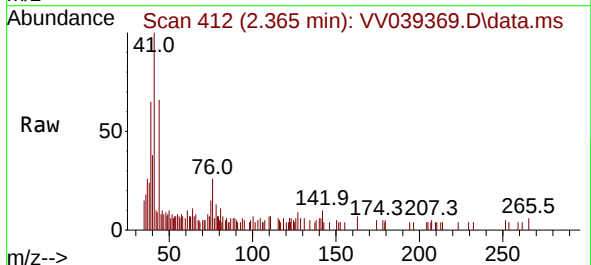
Manual Integrations
APPROVED

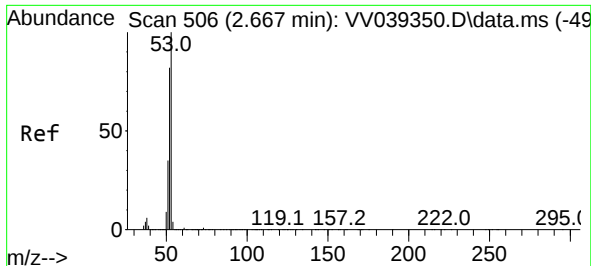
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#14
Allyl chloride
Concen: 0.680 ug/l m
RT: 2.365 min Scan# 412
Delta R.T. 0.010 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

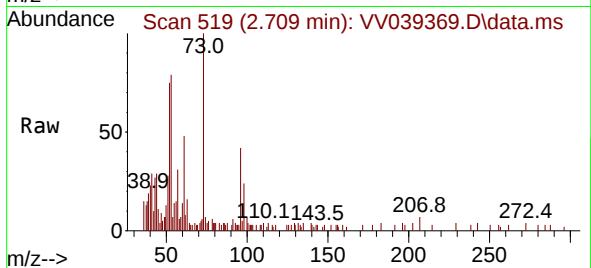
Tgt Ion: 41 Resp: 6515
Ion Ratio Lower Upper
41 100
39 49.8 50.7 76.1#
76 8.0 27.0 40.6#





#15
Acrylonitrile
Concen: 3.009 ug/l m
RT: 2.709 min Scan# 519
Delta R.T. 0.042 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

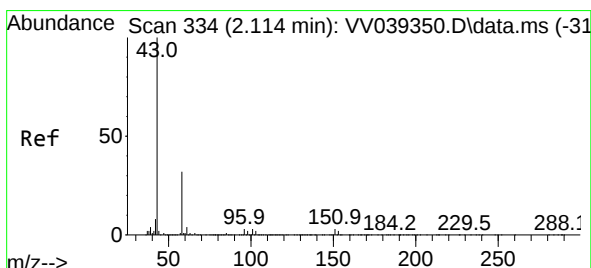
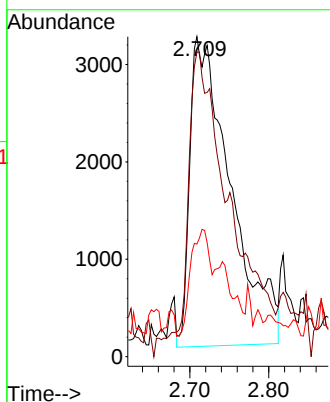
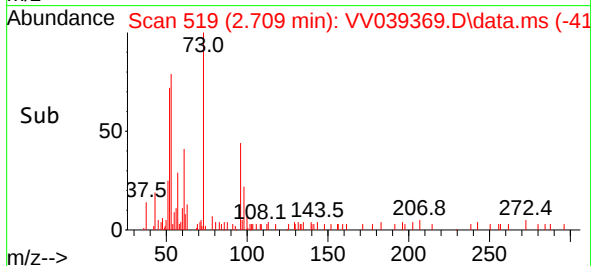
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



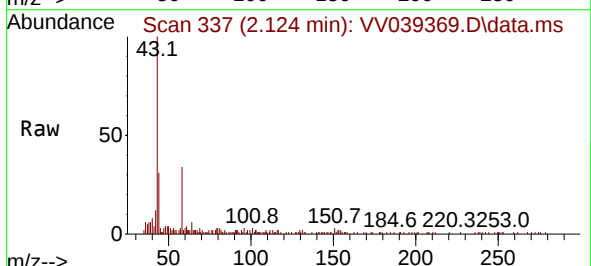
Tgt Ion: 53 Resp: 11409
Ion Ratio Lower Upper
53 100
52 0.0 65.2 97.8
51 1.3 28.4 42.6

Manual Integrations
APPROVED

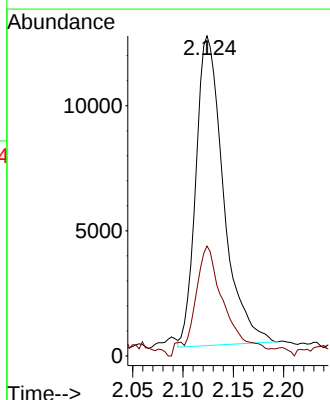
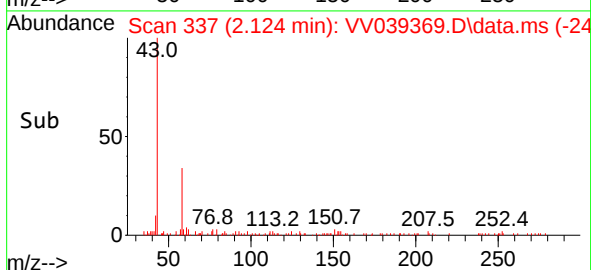
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

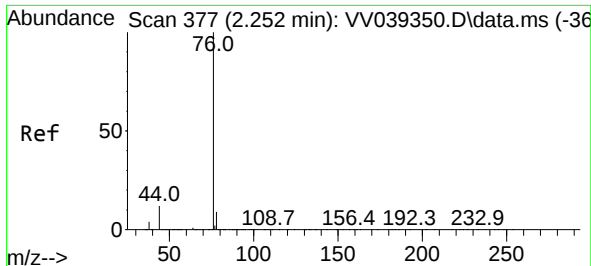


#16
Acetone
Concen: 4.895 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.010 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19



Tgt Ion: 43 Resp: 23618
Ion Ratio Lower Upper
43 100
58 33.4 25.5 38.3





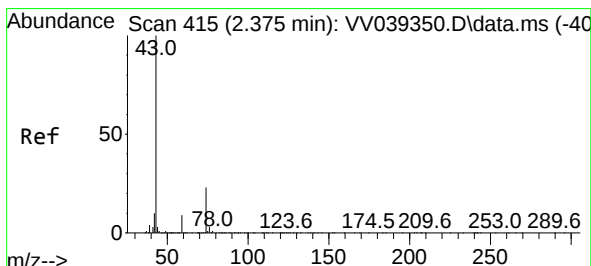
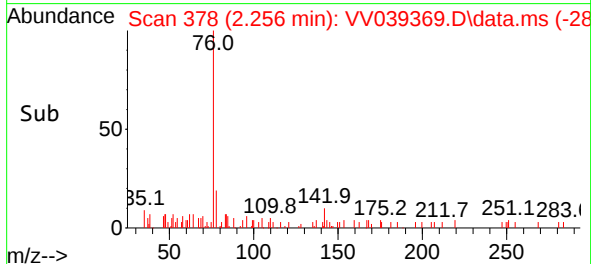
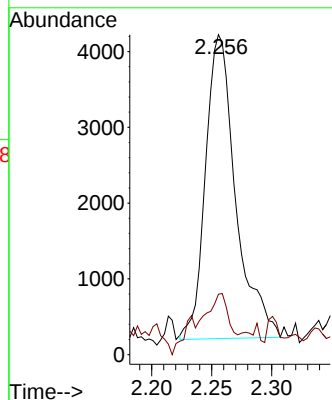
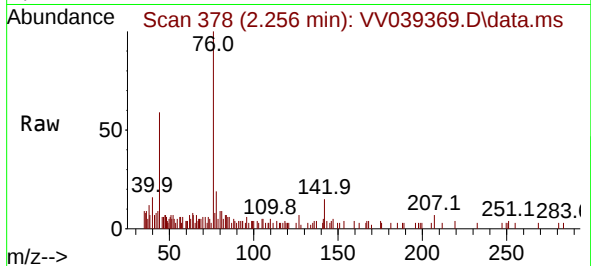
#17
Carbon Disulfide
Concen: 0.826 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion: 76 Resp: 7028
Ion Ratio Lower Upper
76 100
78 15.5 7.4 11.0

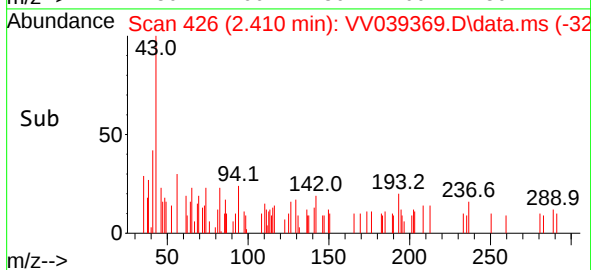
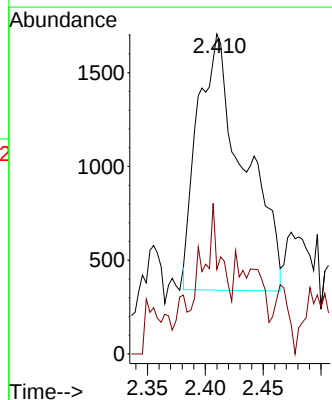
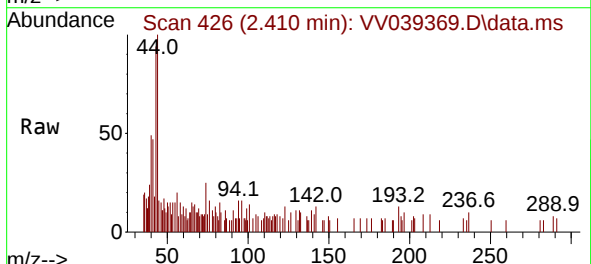
Manual Integrations
APPROVED

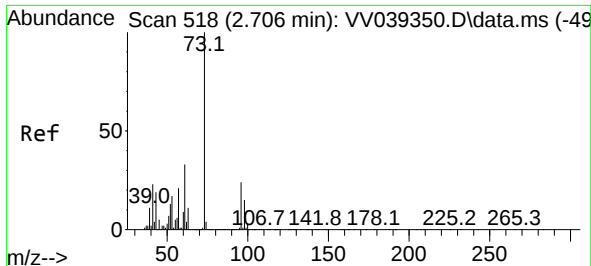
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#18
Methyl Acetate
Concen: 0.293 ug/l m
RT: 2.410 min Scan# 426
Delta R.T. 0.035 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

Tgt Ion: 43 Resp: 3791
Ion Ratio Lower Upper
43 100
74 13.9 18.9 28.3





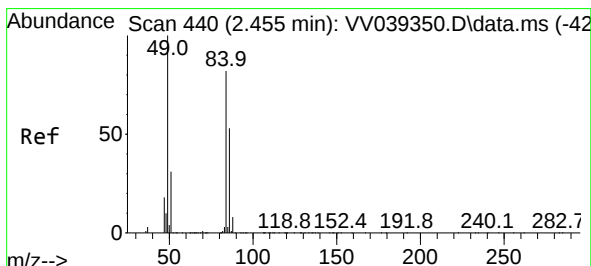
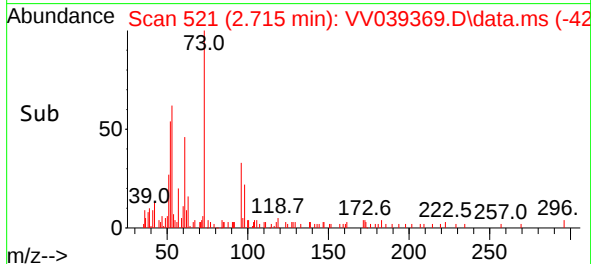
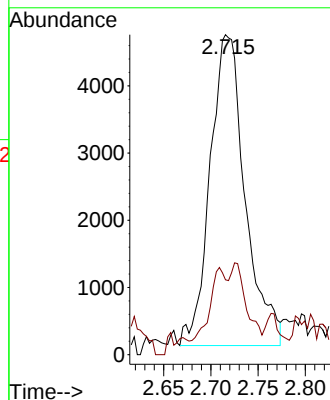
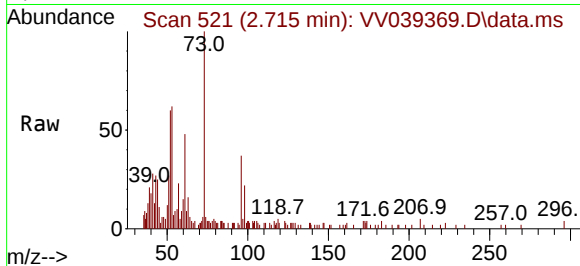
#19
Methyl tert-butyl Ether
Concen: 0.590 ug/l
RT: 2.715 min Scan# 518
Delta R.T. 0.010 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion: 73 Resp: 1193
Ion Ratio Lower Upper
73 100
57 17.7 17.0 25.6

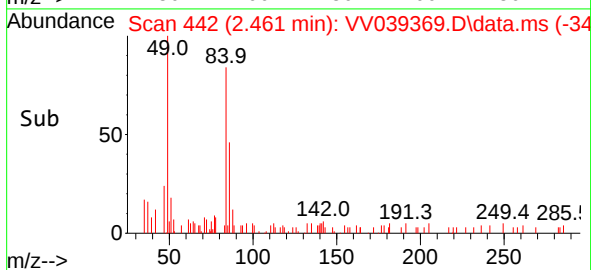
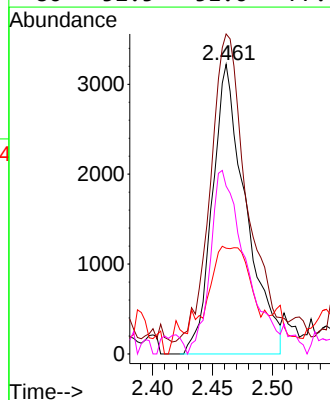
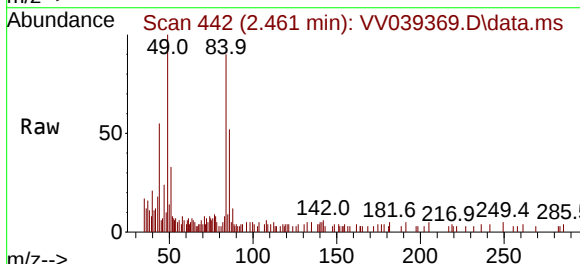
Manual Integrations
APPROVED

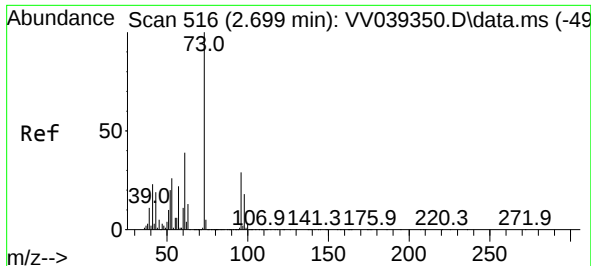
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#20
Methylene Chloride
Concen: 0.842 ug/l
RT: 2.461 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

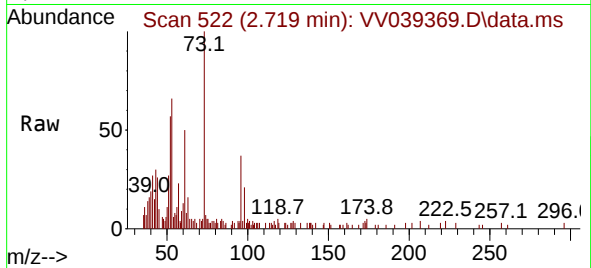
Tgt Ion: 84 Resp: 6269
Ion Ratio Lower Upper
84 100
49 104.9 97.8 146.8
51 28.1 30.2 45.4#
86 52.5 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 0.825 ug/l
RT: 2.719 min Scan# 516
Delta R.T. 0.019 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

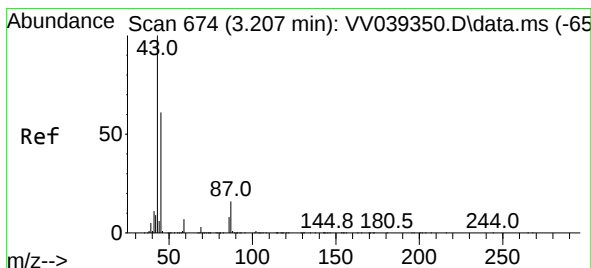
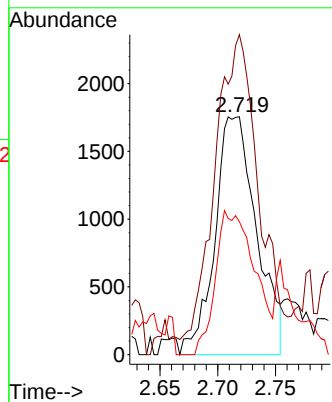
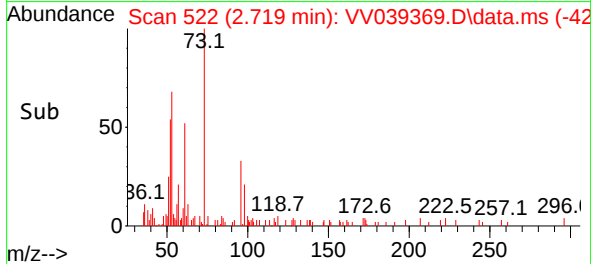
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 96 Resp: 4402
Ion Ratio Lower Upper
96 100
61 128.1 108.9 163.3
98 55.9 51.7 77.5

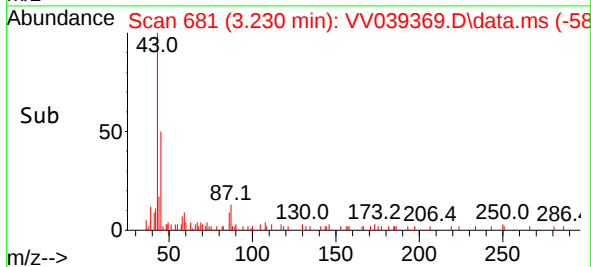
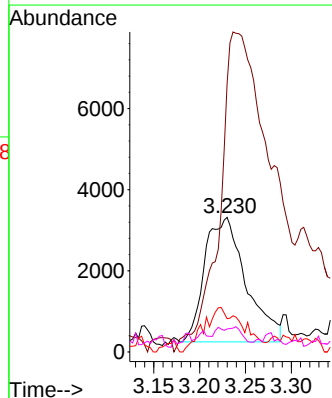
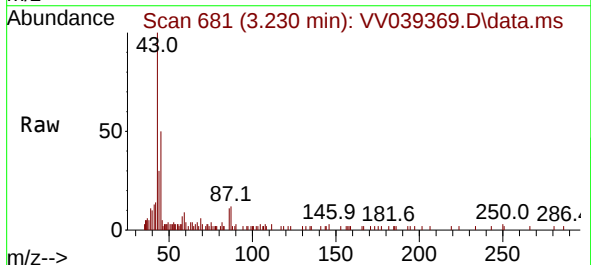
Manual Integrations
APPROVED

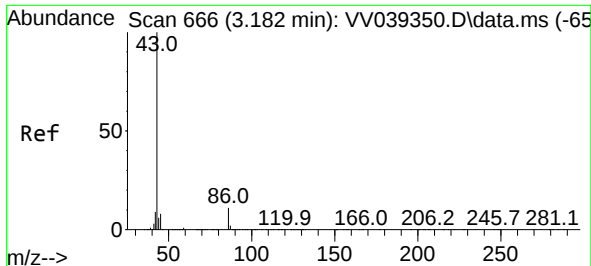
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#22
Diisopropyl ether
Concen: 0.462 ug/l
RT: 3.230 min Scan# 681
Delta R.T. 0.022 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

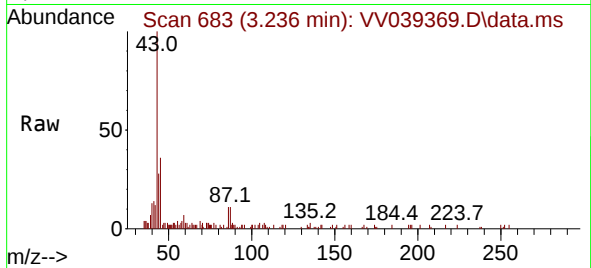
Tgt Ion: 45 Resp: 9615
Ion Ratio Lower Upper
45 100
43 204.7 132.1 198.1#
87 26.7 21.8 32.6
59 11.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 3.120 ug/l m
 RT: 3.236 min Scan# 61
 Delta R.T. 0.055 min
 Lab File: VV039369.D
 Acq: 12 Nov 2025 12:19

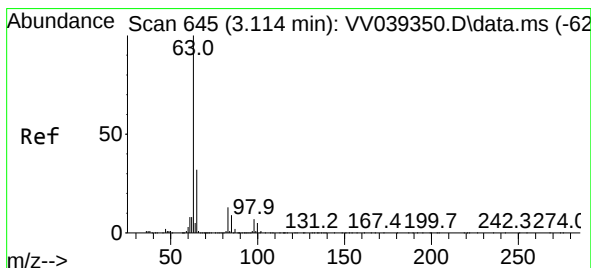
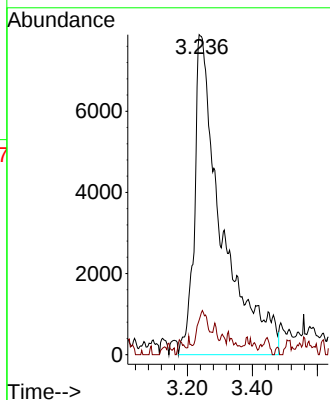
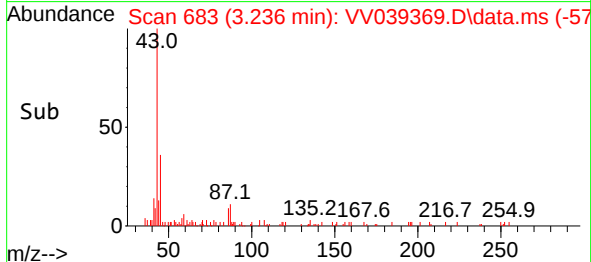
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



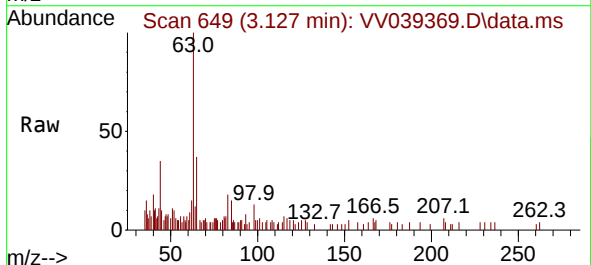
Tgt Ion: 43 Resp: 45898
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8

Manual Integrations
 APPROVED

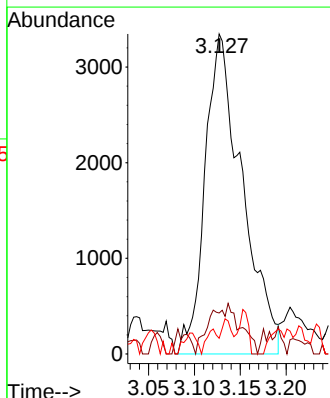
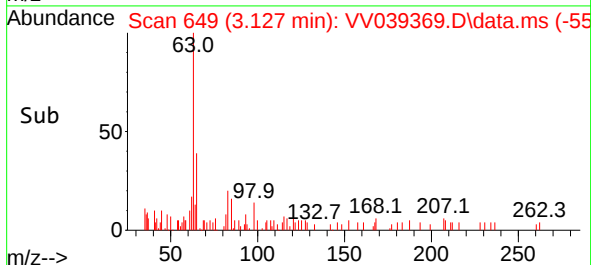
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025

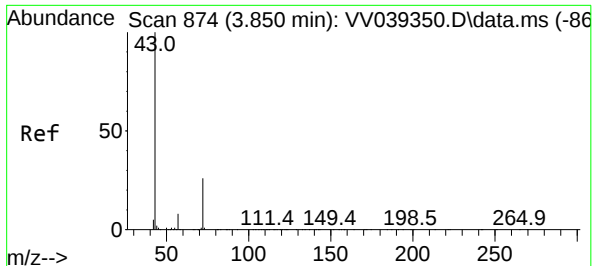


#24
 1,1-Dichloroethane
 Concen: 0.742 ug/l
 RT: 3.127 min Scan# 649
 Delta R.T. 0.013 min
 Lab File: VV039369.D
 Acq: 12 Nov 2025 12:19



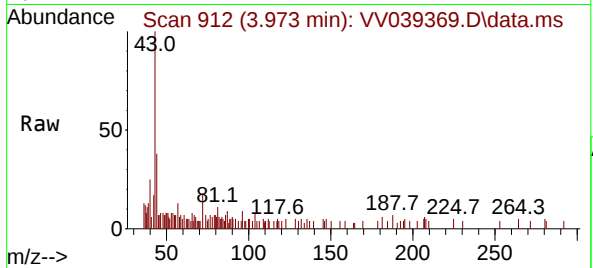
Tgt Ion: 63 Resp: 9400
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.5 10.5
 100 1.0 2.3 6.9





#25
2-Butanone
Concen: 4.140 ug/l m
RT: 3.973 min Scan# 912
Delta R.T. 0.122 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

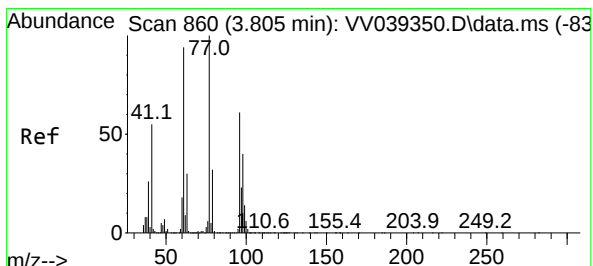
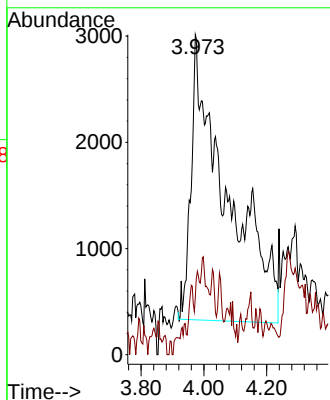
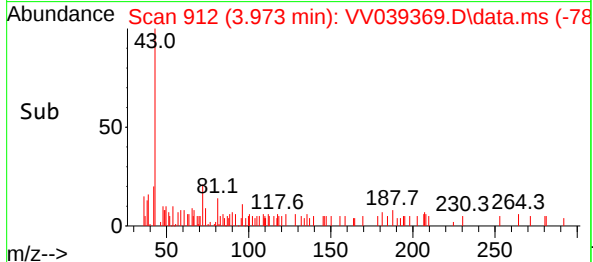
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 43 Resp: 2084
Ion Ratio Lower Upper
43 100
72 17.9 20.5 30.7

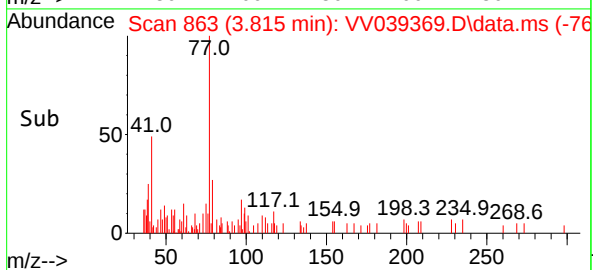
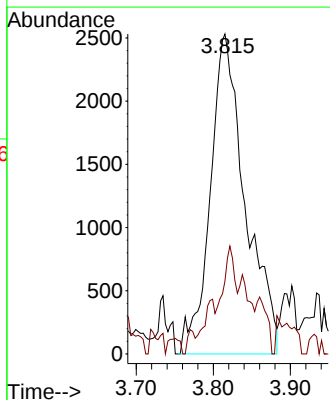
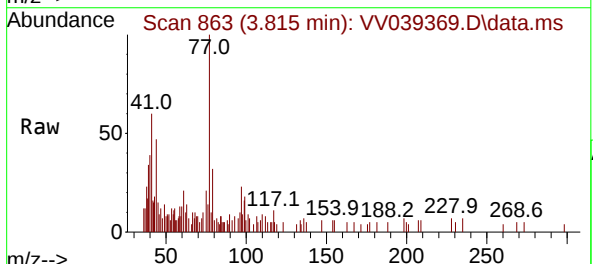
Manual Integrations
APPROVED

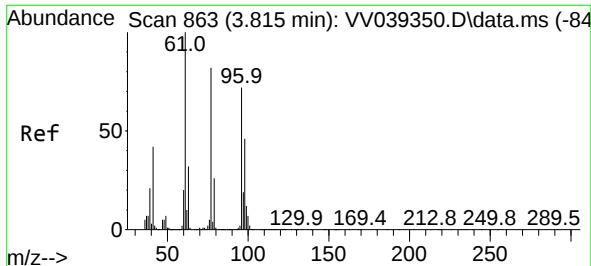
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#26
2,2-Dichloropropane
Concen: 0.751 ug/l m
RT: 3.815 min Scan# 863
Delta R.T. 0.010 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

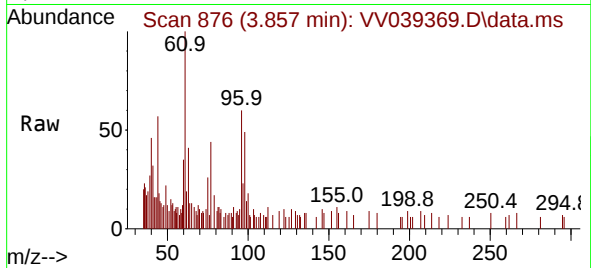
Tgt Ion: 77 Resp: 8001
Ion Ratio Lower Upper
77 100
97 1.6 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 0.504 ug/l m
 RT: 3.857 min Scan# 81
 Delta R.T. 0.042 min
 Lab File: VV039369.D
 Acq: 12 Nov 2025 12:19

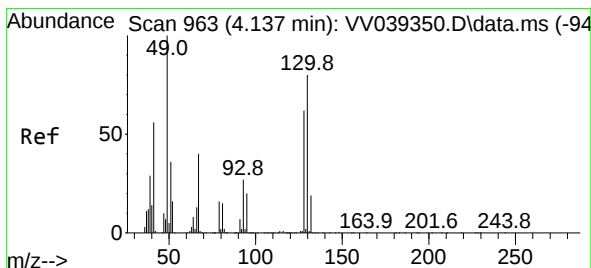
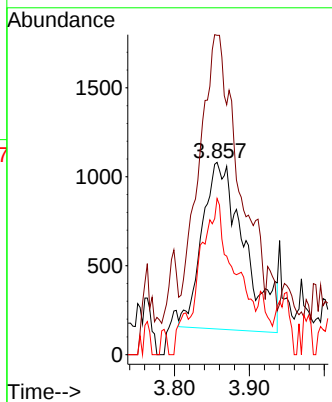
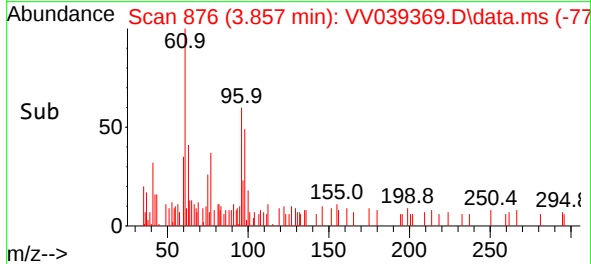
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 96 Resp: 3650
 Ion Ratio Lower Upper
 96 100
 61 13.0 0.0 287.8
 98 6.2 0.0 129.6

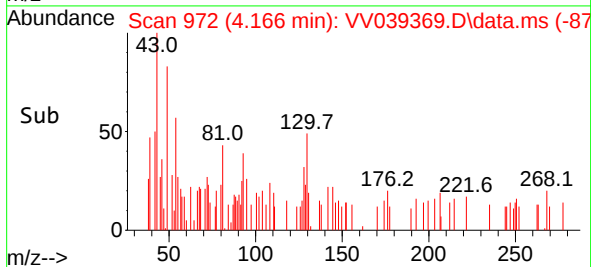
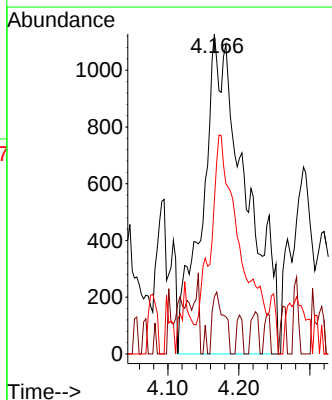
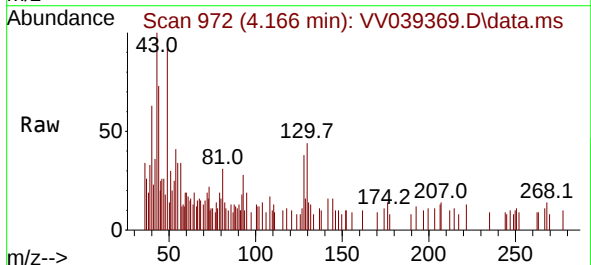
Manual Integrations
 APPROVED

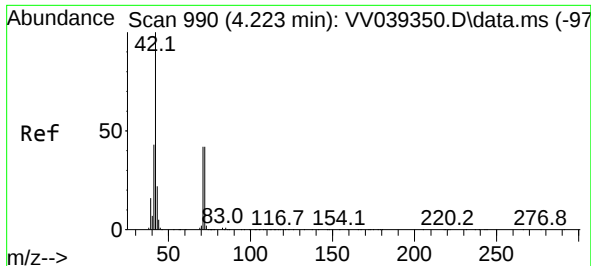
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#28
 Bromochloromethane
 Concen: 0.864 ug/l m
 RT: 4.166 min Scan# 972
 Delta R.T. 0.029 min
 Lab File: VV039369.D
 Acq: 12 Nov 2025 12:19

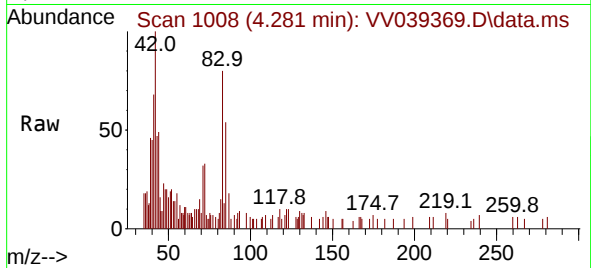
Tgt Ion: 49 Resp: 4784
 Ion Ratio Lower Upper
 49 100
 129 5.1 0.0 2.0#
 130 48.0 67.9 101.9#





#29
Tetrahydrofuran
Concen: 2.590 ug/l m
RT: 4.281 min Scan# 1008
Delta R.T. 0.058 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

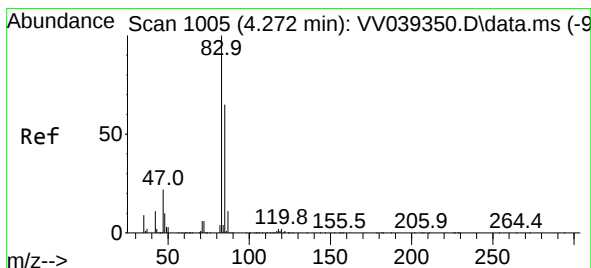
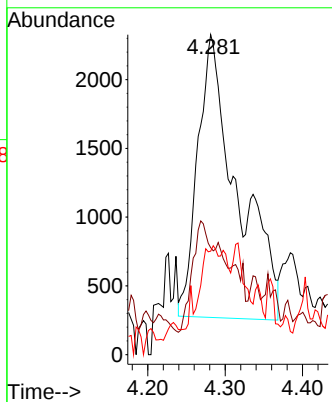
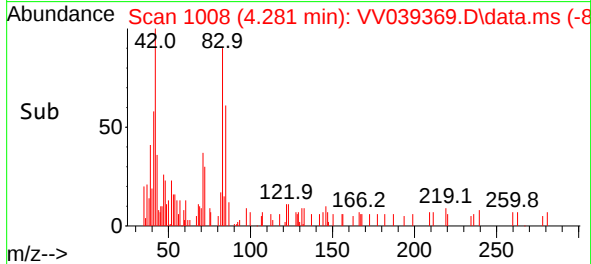
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



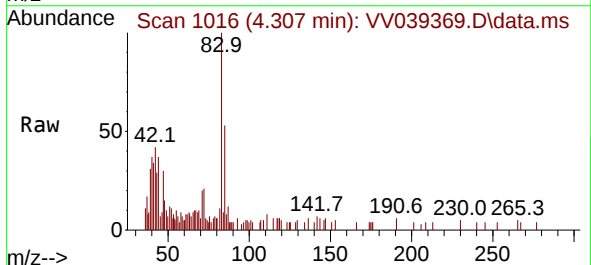
Tgt Ion: 42 Resp: 7295
Ion Ratio Lower Upper
42 100
72 0.0 35.3 52.9
71 1.7 34.0 51.0

Manual Integrations
APPROVED

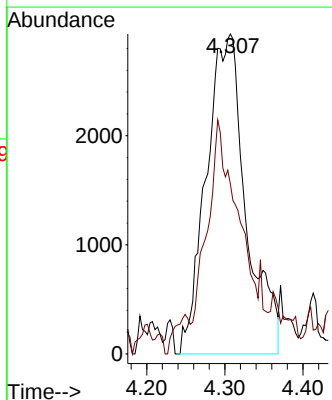
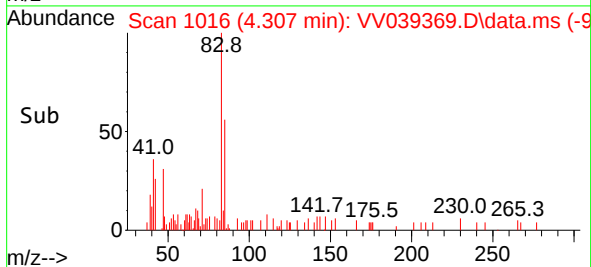
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

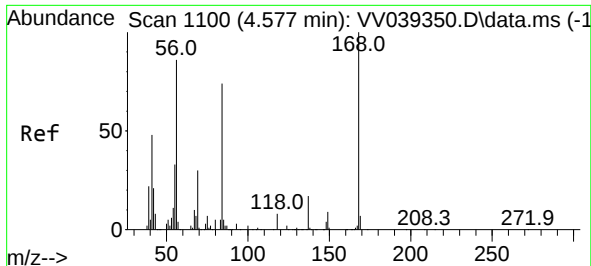


#30
Chloroform
Concen: 0.743 ug/l m
RT: 4.307 min Scan# 1016
Delta R.T. 0.035 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19



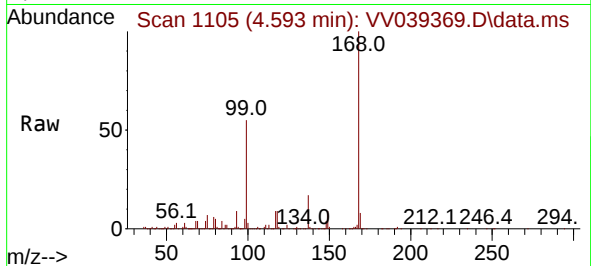
Tgt Ion: 83 Resp: 10391
Ion Ratio Lower Upper
83 100
85 53.2 51.8 77.8





#31
Cyclohexane
Concen: 2.244 ug/l
RT: 4.593 min Scan# 1105
Delta R.T. 0.016 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

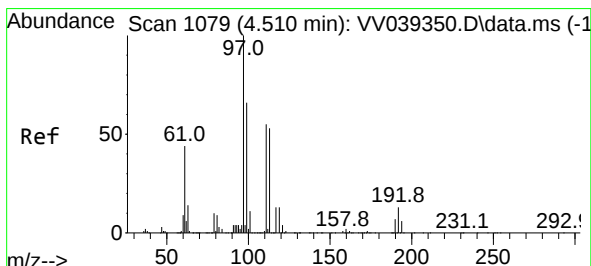
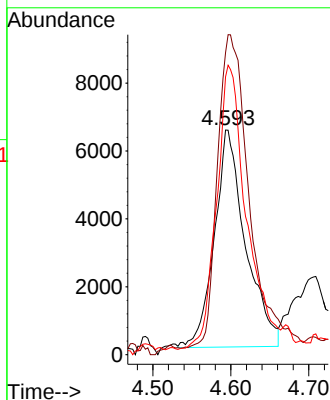
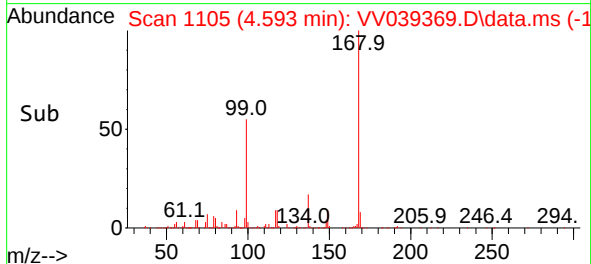
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



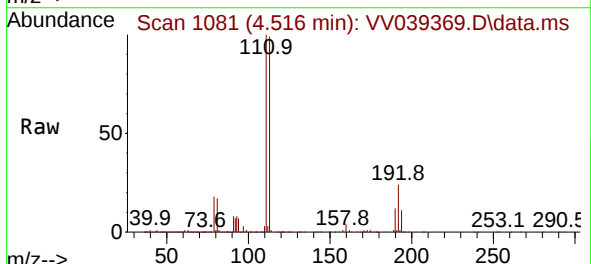
Tgt Ion: 56 Resp: 1779
Ion Ratio Lower Upper
56 100
69 136.4 27.7 41.5
84 126.0 69.4 104.2

Manual Integrations
APPROVED

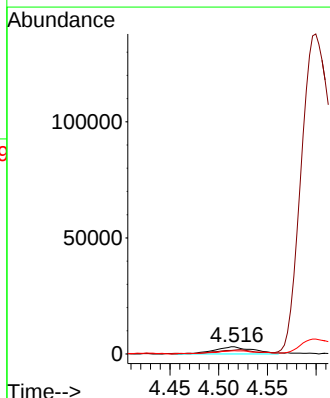
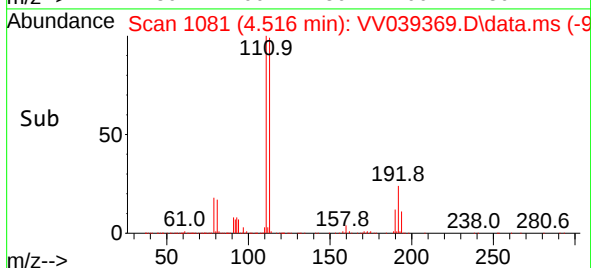
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

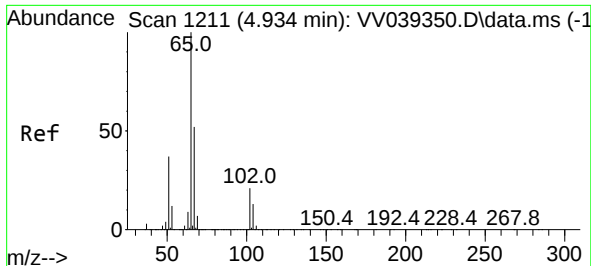


#32
1,1,1-Trichloroethane
Concen: 0.737 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19



Tgt Ion: 97 Resp: 8621
Ion Ratio Lower Upper
97 100
99 0.0 49.9 74.9
61 40.3 33.9 50.9





#33

1,2-Dichloroethane-d4

Concen: 57.093 ug/l

RT: 4.940 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039369.D

Acq: 12 Nov 2025 12:19

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 65 Resp: 520644

Ion Ratio Lower Upper

65 100

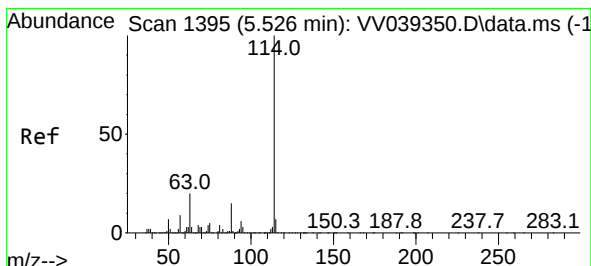
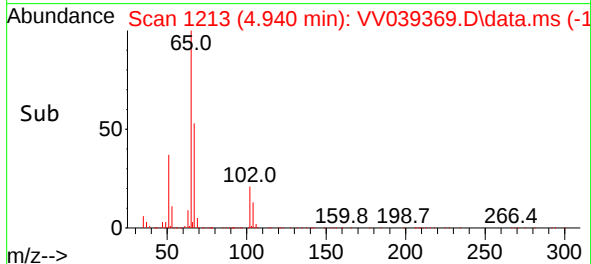
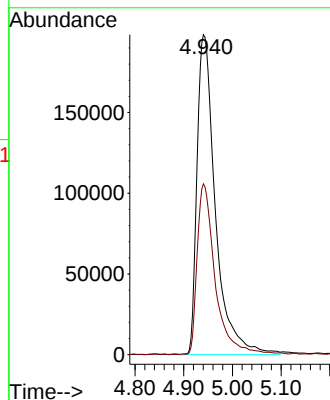
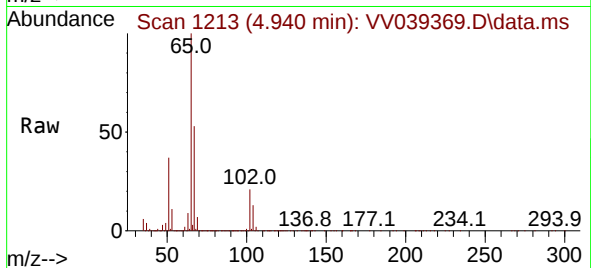
67 51.5 0.0 105.4

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: 5.532 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VV039369.D

Acq: 12 Nov 2025 12:19

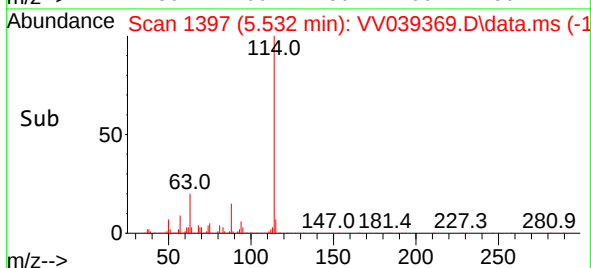
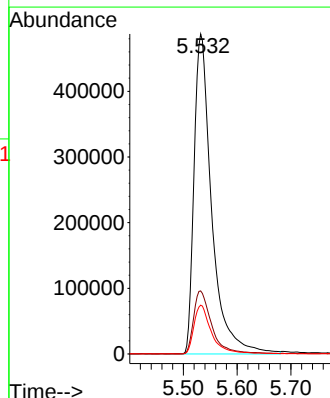
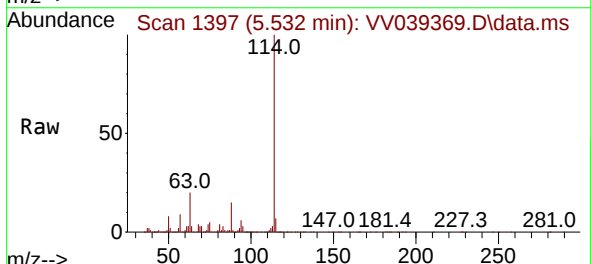
Tgt Ion:114 Resp: 1112848

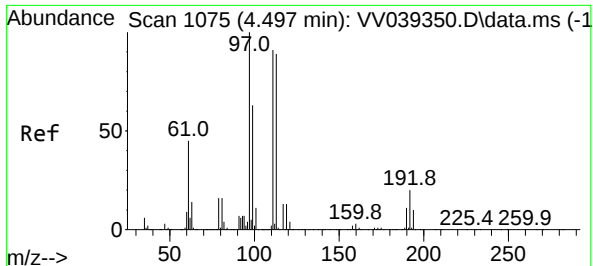
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

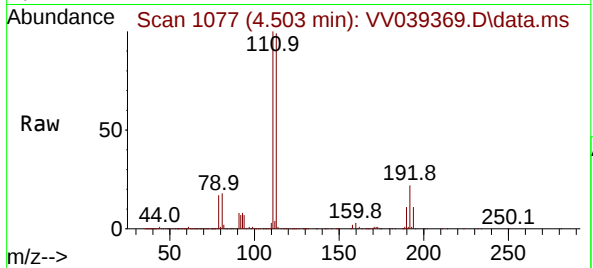
88 15.2 0.0 30.2





#35
Dibromofluoromethane
Concen: 51.336 ug/l
RT: 4.503 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

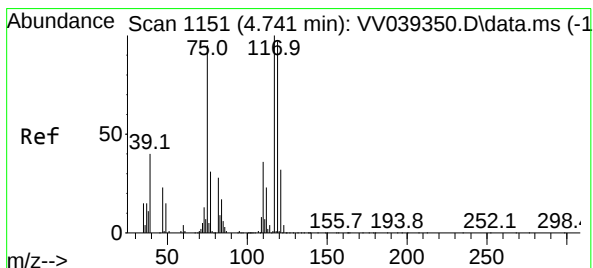
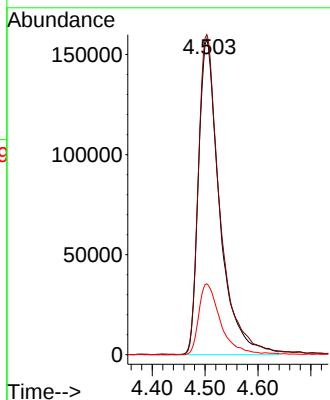
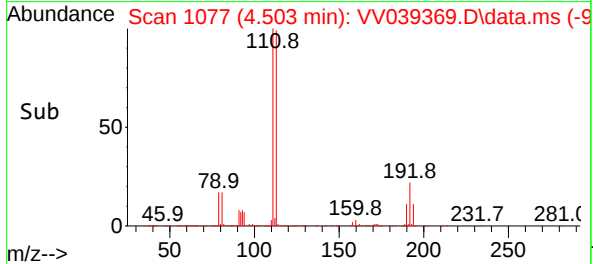
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



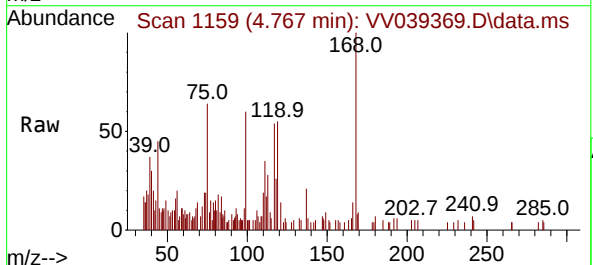
Tgt Ion: 113 Resp: 43817
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 22.9 17.8 26.8

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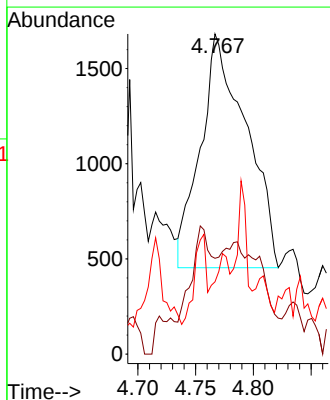
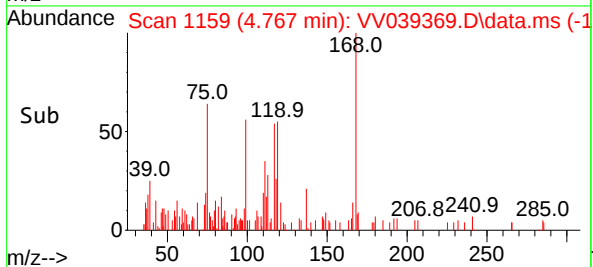
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

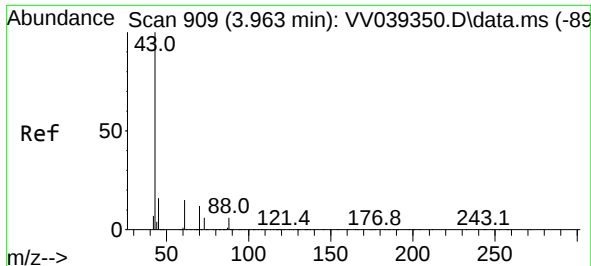


#36
1,1-Dichloropropene
Concen: 0.460 ug/l
RT: 4.767 min Scan# 1159
Delta R.T. 0.026 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19



Tgt Ion: 75 Resp: 3379
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 5.0 24.0 36.0#





#37

Ethyl Acetate

Concen: 1.320 ug/l m

RT: 3.973 min Scan# 912

Delta R.T. 0.010 min

Lab File: VV039369.D

Acq: 12 Nov 2025 12:19

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43 Resp: 1491

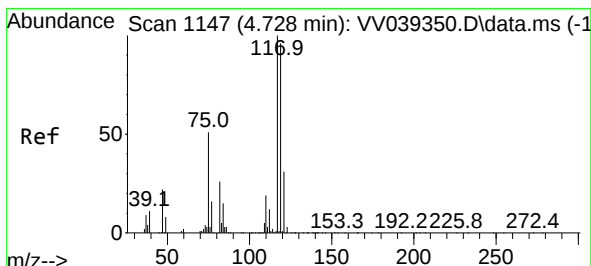
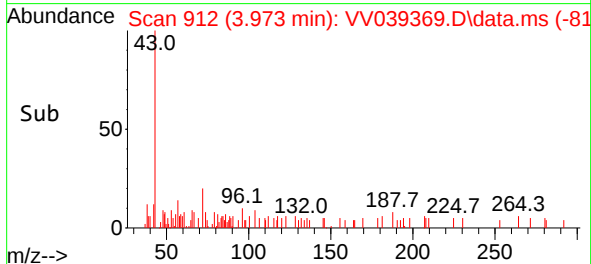
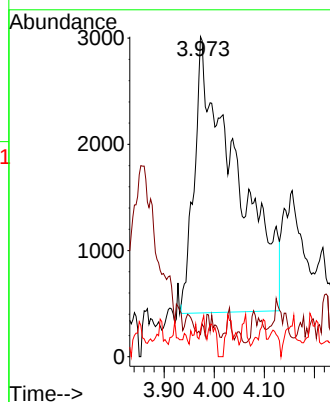
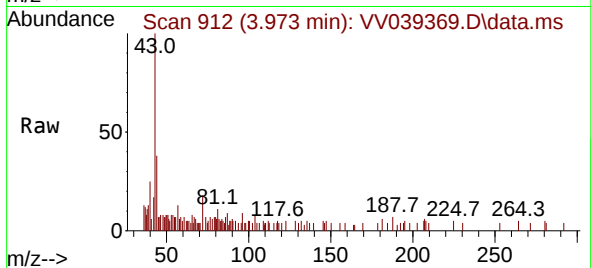
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.3	13.9
70	1.3	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#38

Carbon Tetrachloride

Concen: 0.913 ug/l m

RT: 4.747 min Scan# 1153

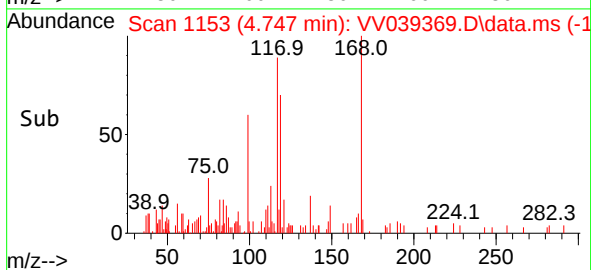
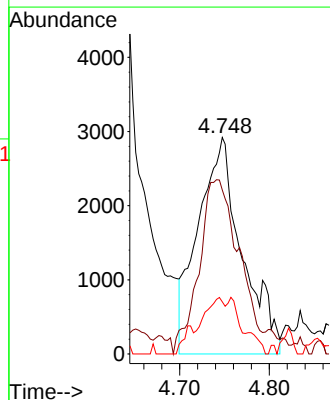
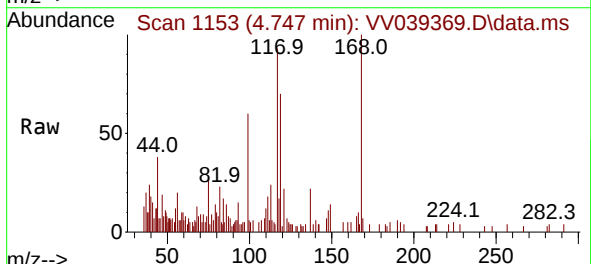
Delta R.T. 0.019 min

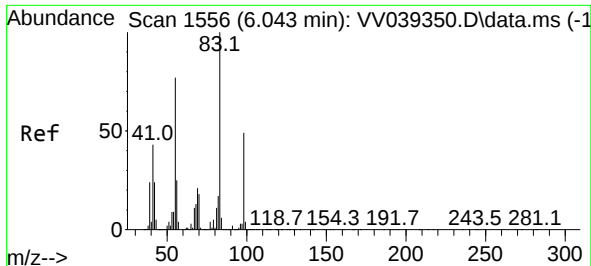
Lab File: VV039369.D

Acq: 12 Nov 2025 12:19

Tgt Ion:117 Resp: 9971

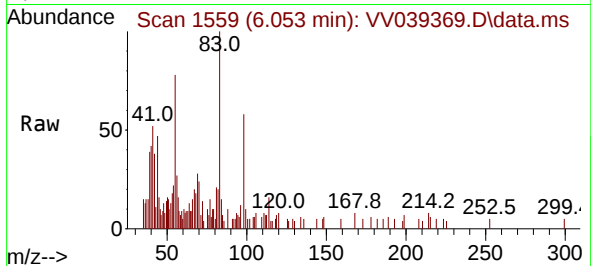
Ion	Ratio	Lower	Upper
117	100		
119	75.8	76.1	114.1#
121	24.1	25.0	37.4#





#39
Methylcyclohexane
Concen: 0.510 ug/l
RT: 6.053 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

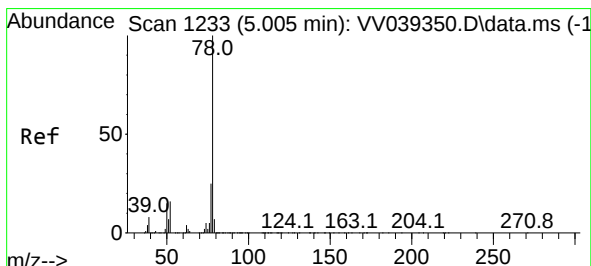
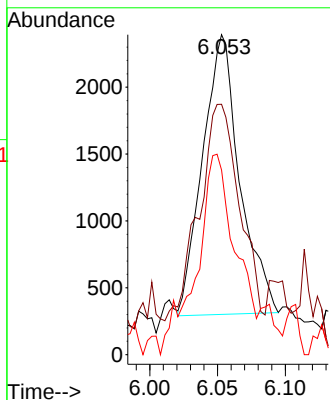
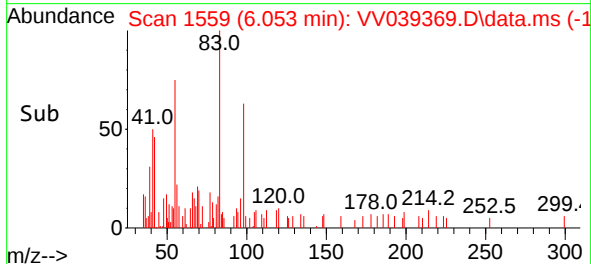
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 83 Resp: 399
Ion Ratio Lower Upper
83 100
55 72.9 61.3 91.9
98 57.4 39.0 58.6

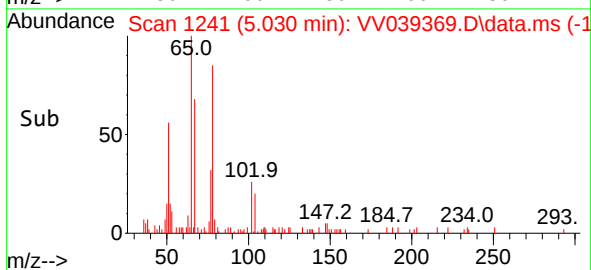
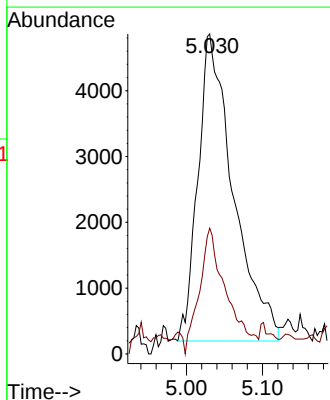
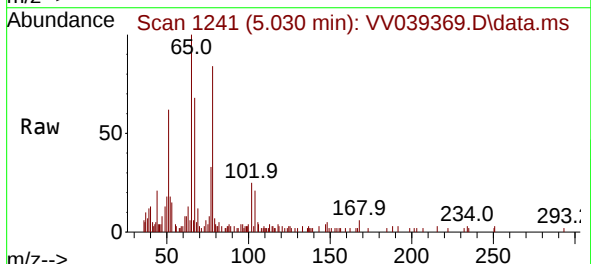
Manual Integrations
APPROVED

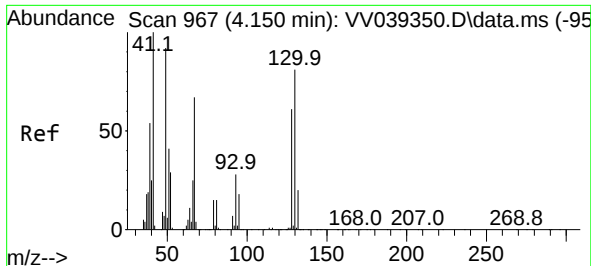
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#40
Benzene
Concen: 0.586 ug/l
RT: 5.030 min Scan# 1241
Delta R.T. 0.026 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

Tgt Ion: 78 Resp: 15068
Ion Ratio Lower Upper
78 100
77 36.2 19.6 29.4#





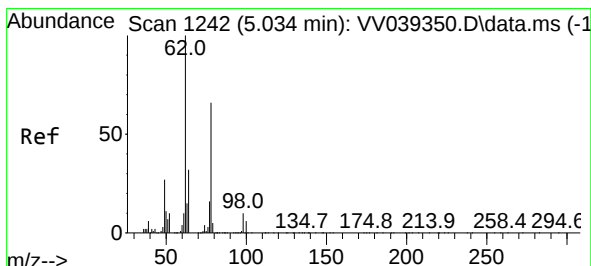
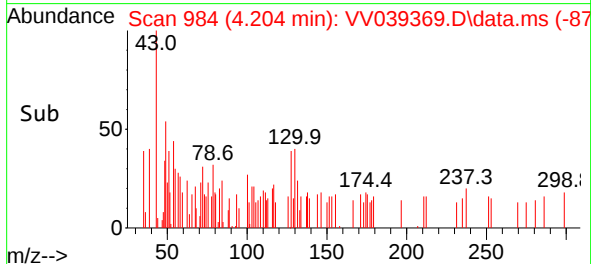
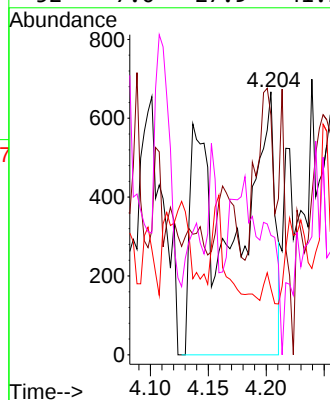
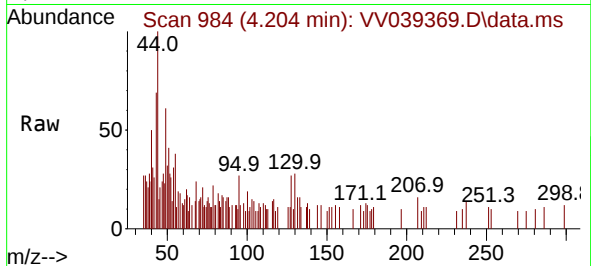
#41
Methacrylonitrile
Concen: 0.462 ug/l m
RT: 4.204 min Scan# 984
Delta R.T. 0.055 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion: 41 Resp: 186
Ion Ratio Lower Upper
41 100
39 0.0 44.3 66.5
67 0.0 71.4 107.2
52 7.0 27.9 41.9

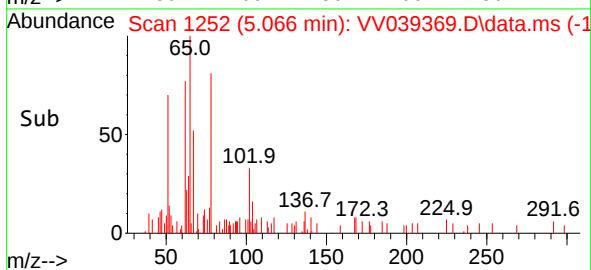
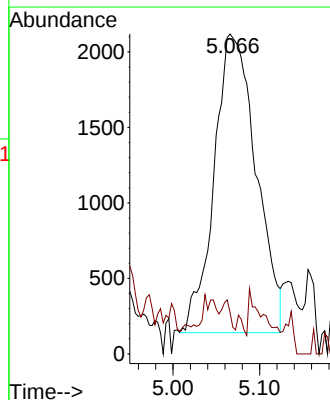
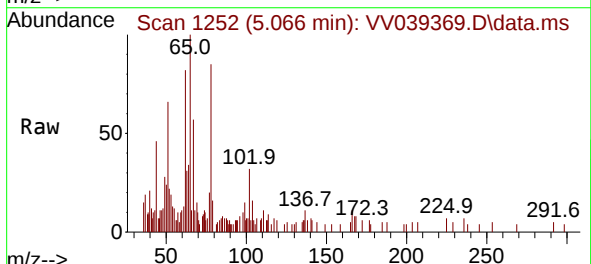
Manual Integrations
APPROVED

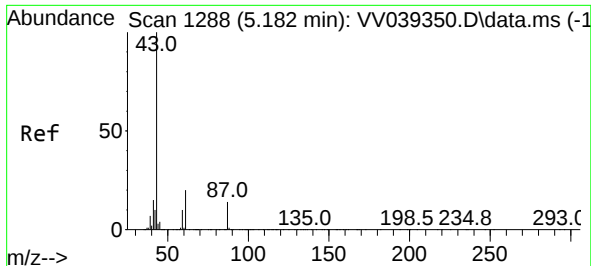
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#42
1,2-Dichloroethane
Concen: 0.665 ug/l
RT: 5.066 min Scan# 1252
Delta R.T. 0.032 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

Tgt Ion: 62 Resp: 6659
Ion Ratio Lower Upper
62 100
98 0.8 0.0 18.6





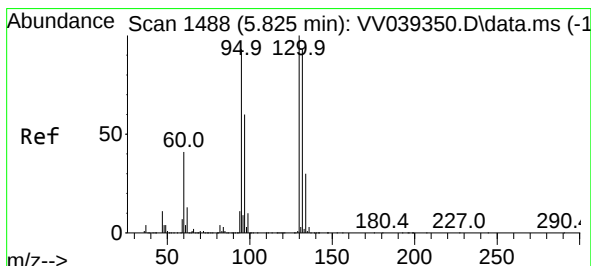
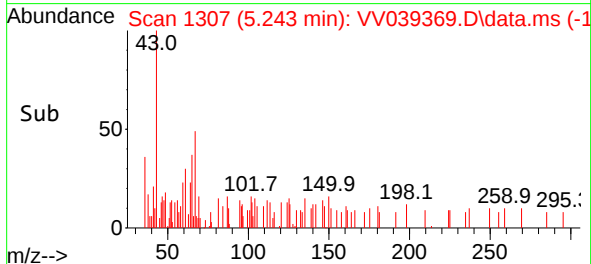
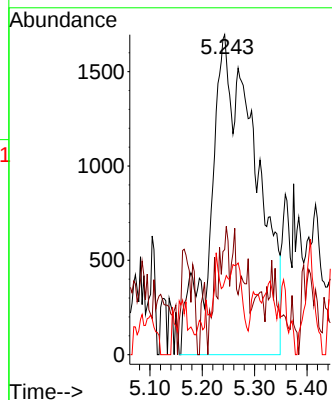
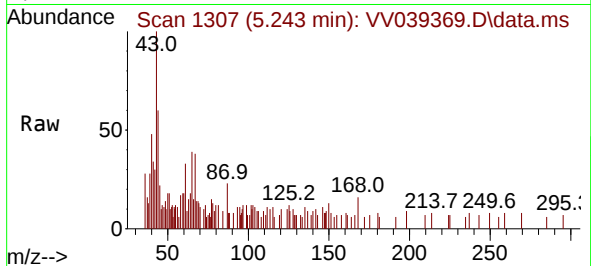
#43
Isopropyl Acetate
Concen: 0.679 ug/l m
RT: 5.243 min Scan# 11
Delta R.T. 0.061 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion: 43 Resp: 1022
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5
87 0.4 11.1 16.7

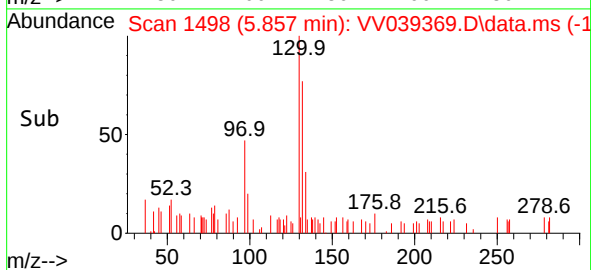
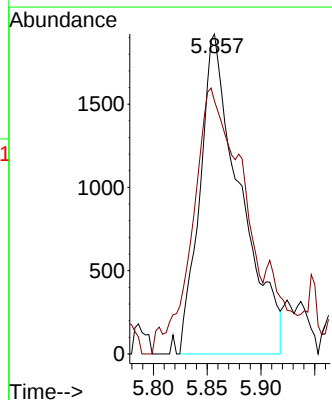
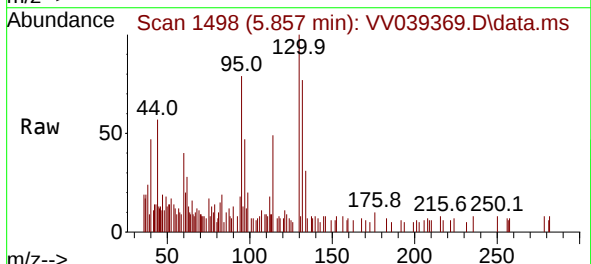
Manual Integrations
APPROVED

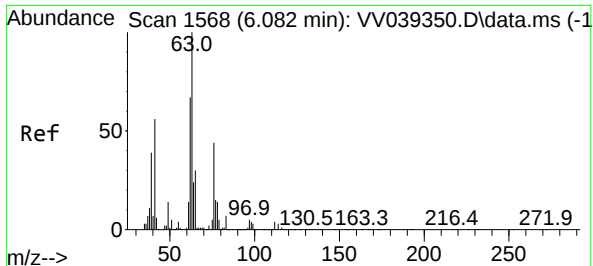
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#44
Trichloroethene
Concen: 0.713 ug/l
RT: 5.857 min Scan# 1498
Delta R.T. 0.032 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

Tgt Ion:130 Resp: 4973
Ion Ratio Lower Upper
130 100
95 64.1 0.0 186.8





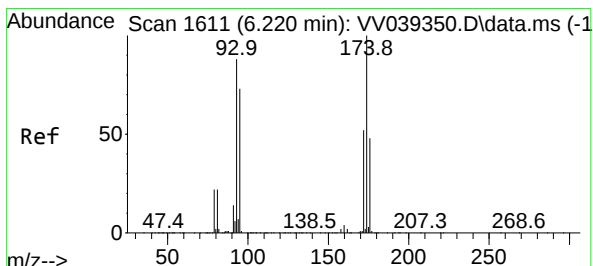
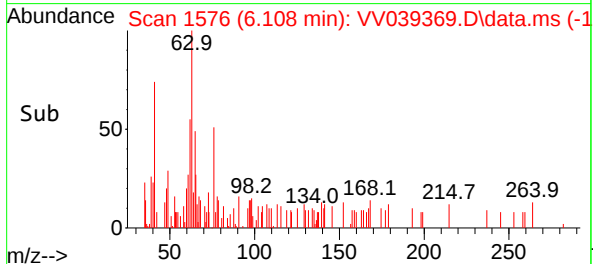
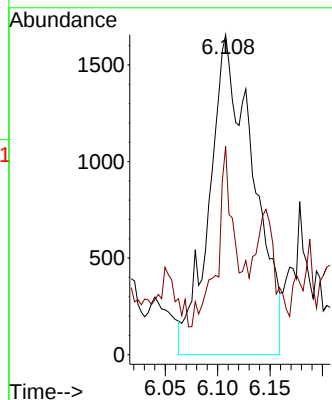
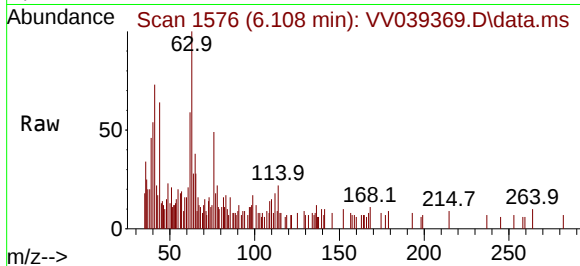
#45
1,2-Dichloropropane
Concen: 0.690 ug/l m
RT: 6.108 min Scan# 11
Delta R.T. 0.026 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion: 63 Resp: 479
Ion Ratio Lower Upper
63 100
65 37.6 23.9 35.9

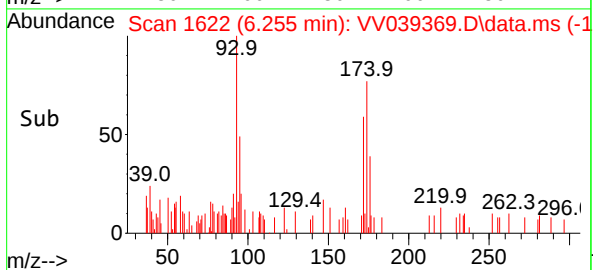
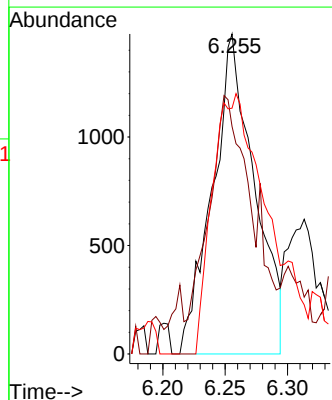
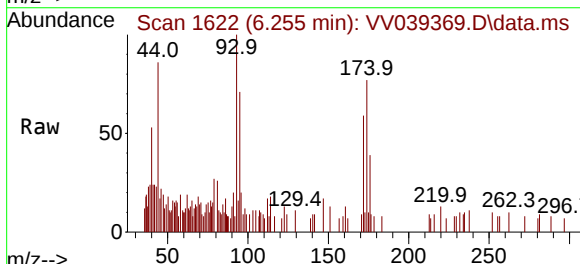
Manual Integrations
APPROVED

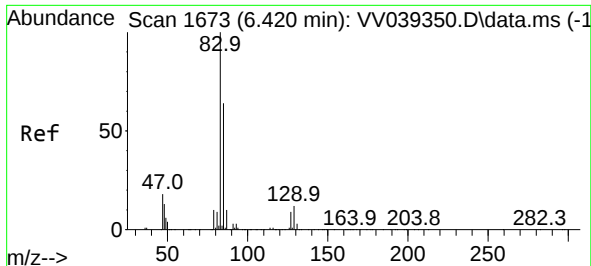
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#46
Dibromomethane
Concen: 0.617 ug/l
RT: 6.255 min Scan# 1622
Delta R.T. 0.035 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

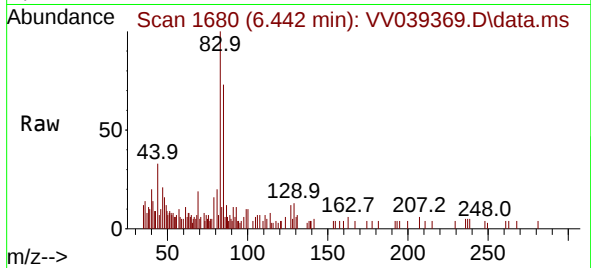
Tgt Ion: 93 Resp: 3452
Ion Ratio Lower Upper
93 100
95 80.7 65.9 98.9
174 108.1 91.4 137.0





#47
Bromodichloromethane
Concen: 0.565 ug/l
RT: 6.442 min Scan# 1680
Delta R.T. 0.022 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

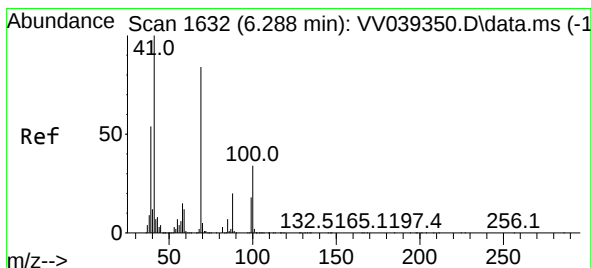
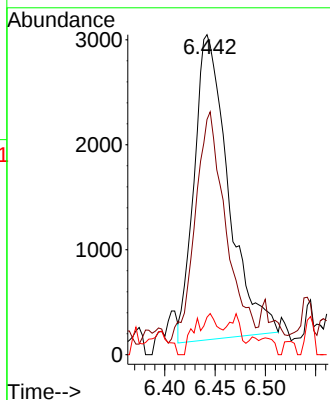
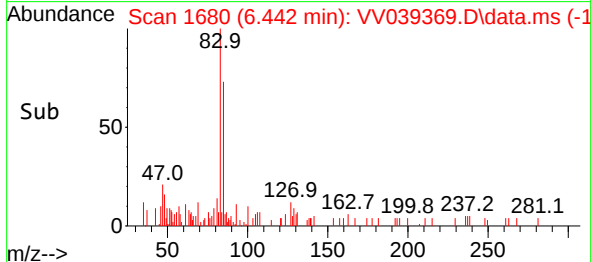
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



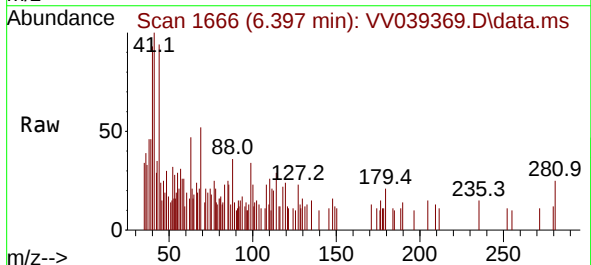
Tgt Ion: 83 Resp: 684
Ion Ratio Lower Upper
83 100
85 68.3 51.0 76.4
127 12.6 7.3 10.9

Manual Integrations
APPROVED

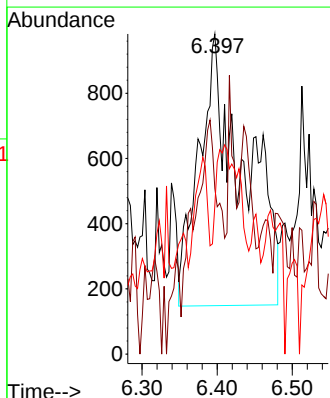
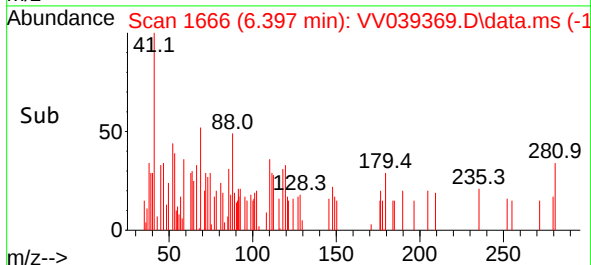
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

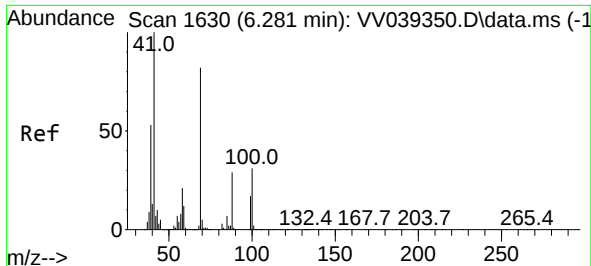


#48
Methyl methacrylate
Concen: 0.488 ug/l m
RT: 6.397 min Scan# 1666
Delta R.T. 0.109 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19



Tgt Ion: 41 Resp: 3419
Ion Ratio Lower Upper
41 100
69 3.2 69.1 103.7#
39 1.5 42.8 64.2#





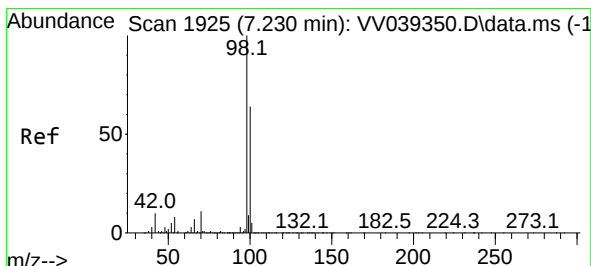
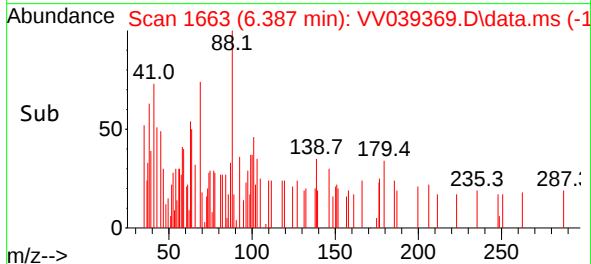
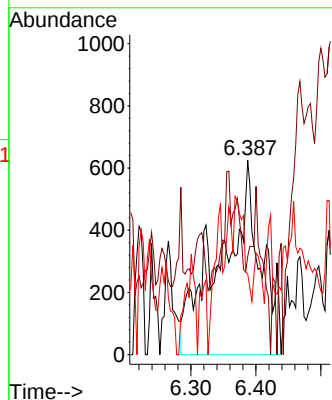
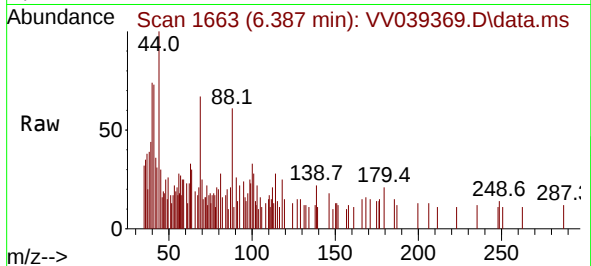
#49
1,4-Dioxane
Concen: 24.702 ug/l m
RT: 6.387 min Scan# 1
Delta R.T. 0.106 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion: 88 Resp: 266
Ion Ratio Lower Upper
88 100
43 4.4 26.6 40.0
58 12.1 55.4 83.0

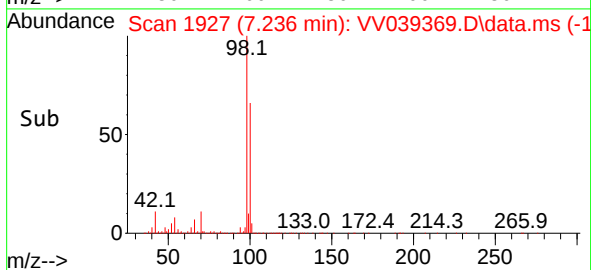
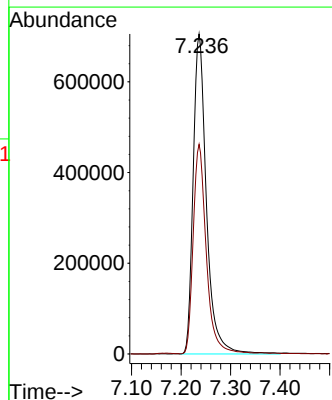
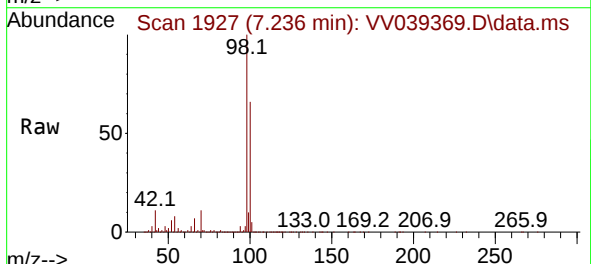
Manual Integrations
APPROVED

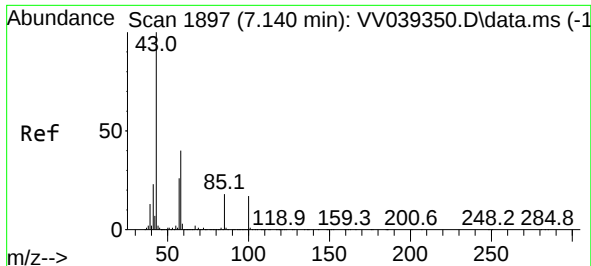
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#50
Toluene-d8
Concen: 46.736 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

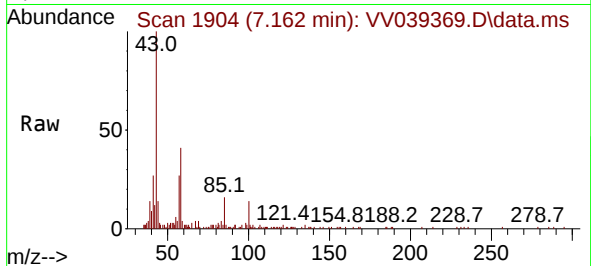
Tgt Ion: 98 Resp: 1318235
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 2.251 ug/l
RT: 7.162 min Scan# 1904
Delta R.T. 0.022 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

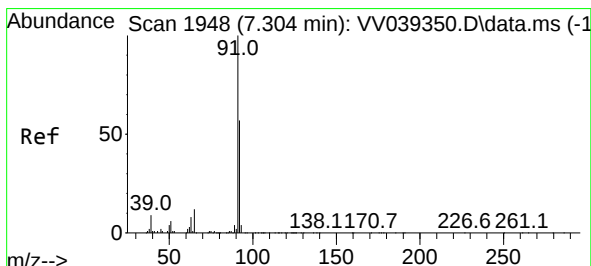
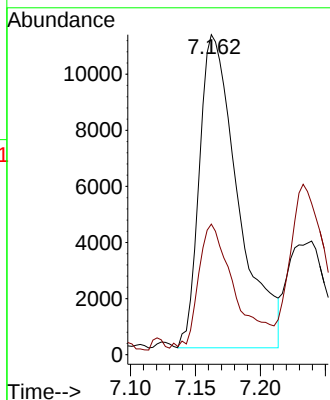
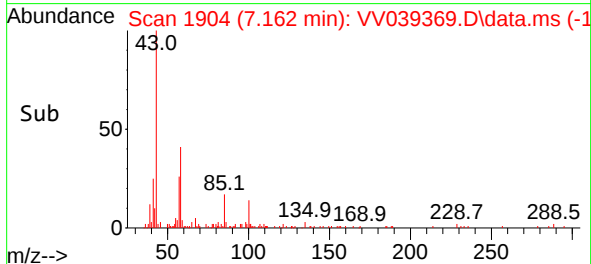
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 43 Resp: 2315
Ion Ratio Lower Upper
43 100
58 39.8 31.8 47.6

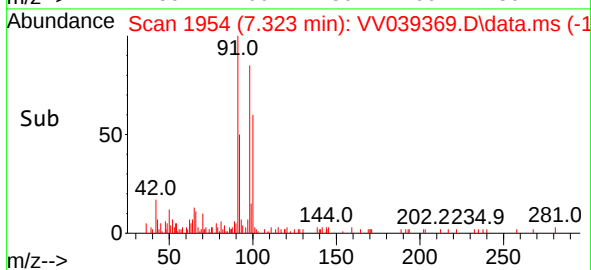
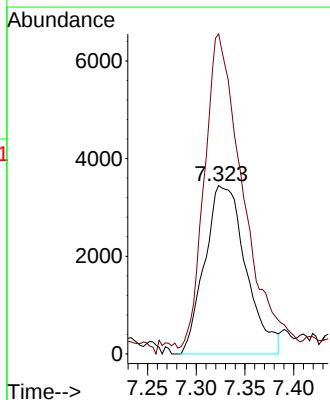
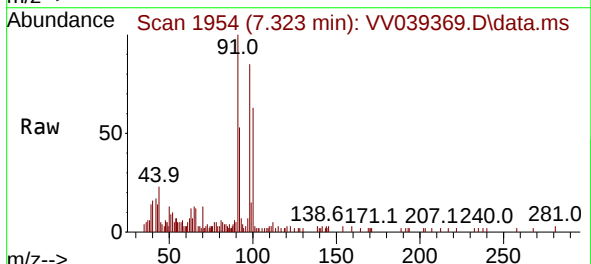
Manual Integrations
APPROVED

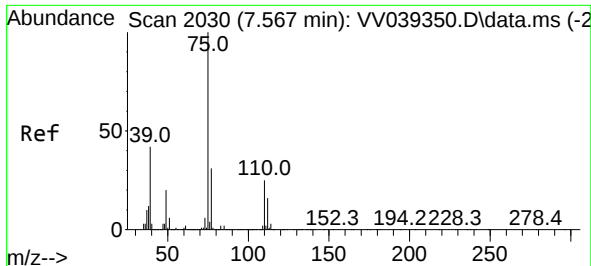
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#52
Toluene
Concen: 0.627 ug/l
RT: 7.323 min Scan# 1954
Delta R.T. 0.019 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

Tgt Ion: 92 Resp: 10108
Ion Ratio Lower Upper
92 100
91 176.7 139.0 208.6





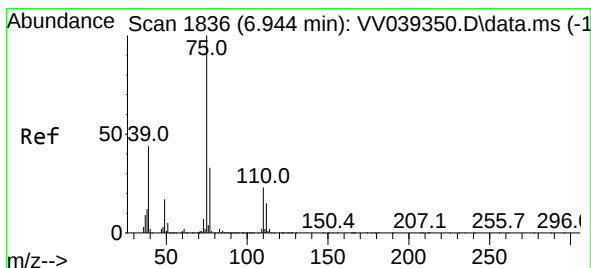
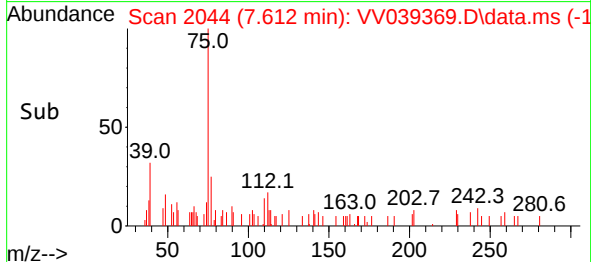
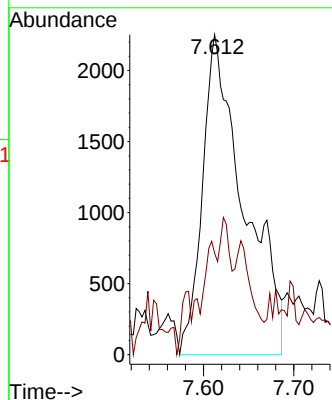
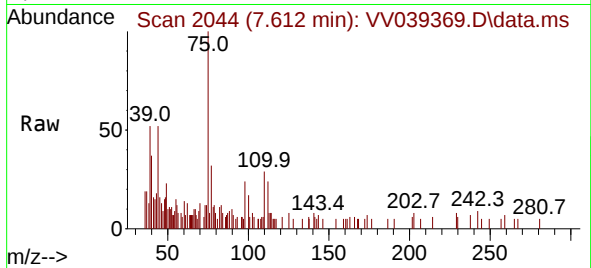
#53
t-1,3-Dichloropropene
Concen: 0.689 ug/l m
RT: 7.612 min Scan# 2030
Delta R.T. 0.045 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion: 75 Resp: 7180
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7

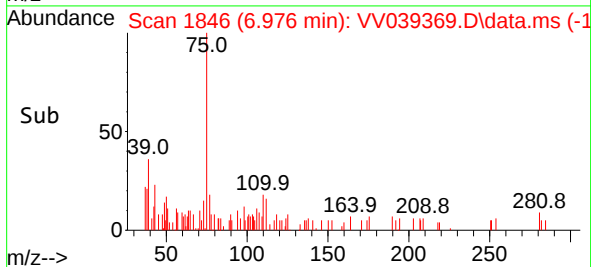
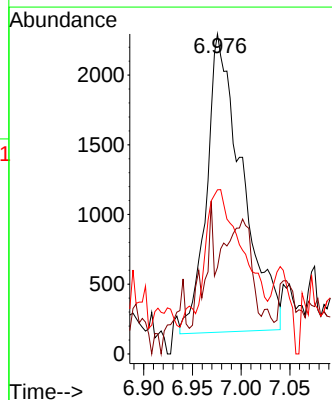
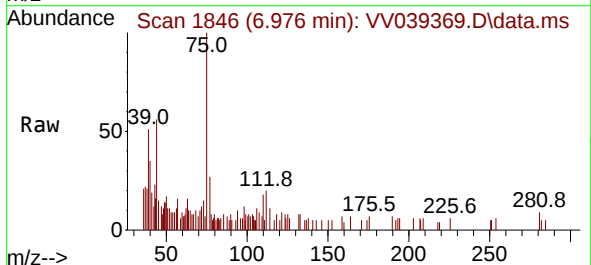
Manual Integrations
APPROVED

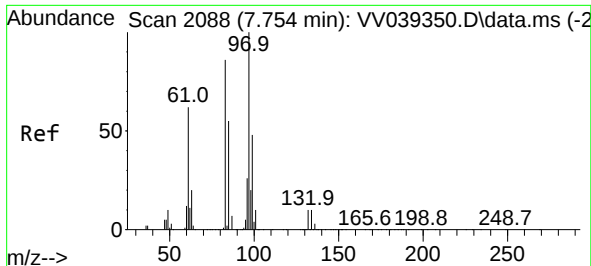
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#54
cis-1,3-Dichloropropene
Concen: 0.489 ug/l
RT: 6.976 min Scan# 1846
Delta R.T. 0.032 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

Tgt Ion: 75 Resp: 5416
Ion Ratio Lower Upper
75 100
77 14.8 26.3 39.5#
39 47.0 35.5 53.3





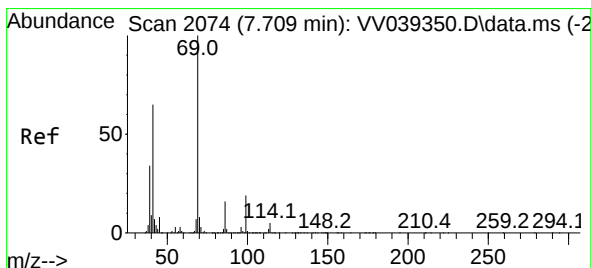
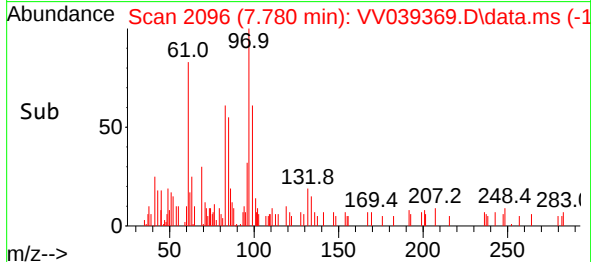
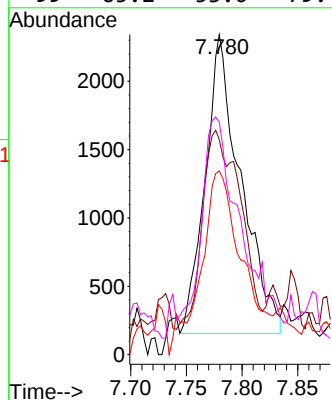
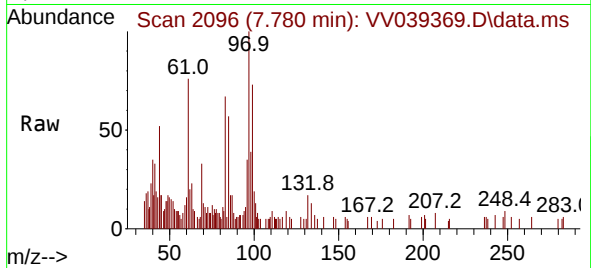
#55
1,1,2-Trichloroethane
Concen: 0.595 ug/l
RT: 7.780 min Scan# 2096
Delta R.T. 0.026 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion: 97	Resp: 485
Ion Ratio	Lower Upper
97 100	
83 61.6	68.8 103.2
85 50.8	45.2 67.8
99 65.2	53.0 79.4

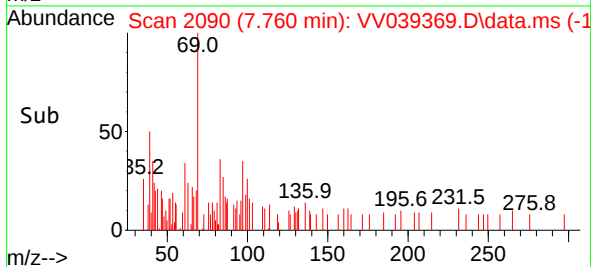
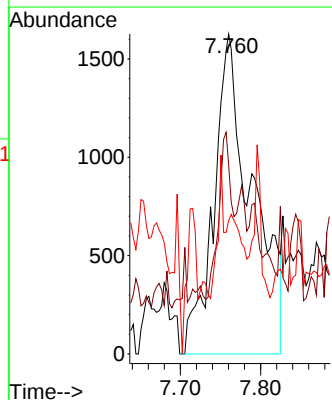
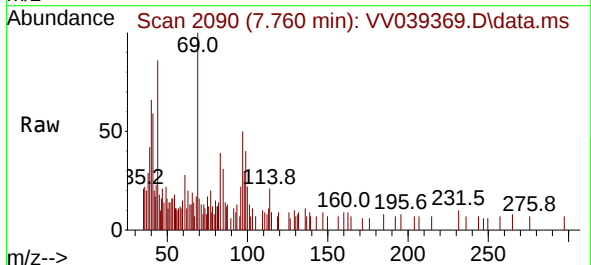
Manual Integrations
APPROVED

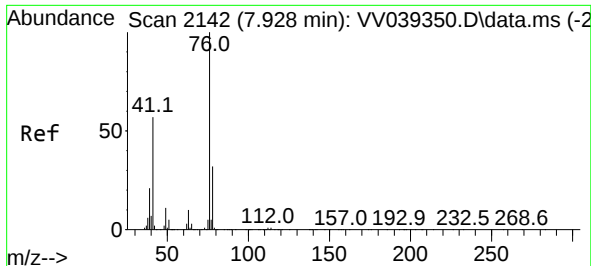
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#56
Ethyl methacrylate
Concen: 0.544 ug/l m
RT: 7.760 min Scan# 2090
Delta R.T. 0.051 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

Tgt Ion: 69	Resp: 5362
Ion Ratio	Lower Upper
69 100	
41 0.0	52.5 78.7#
39 7.1	26.7 40.1#





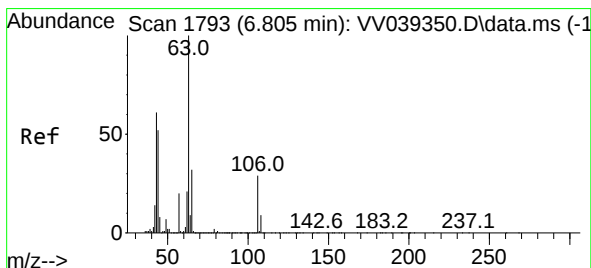
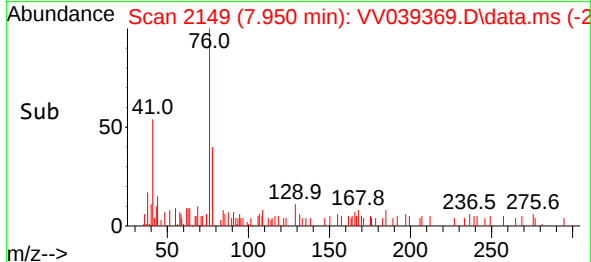
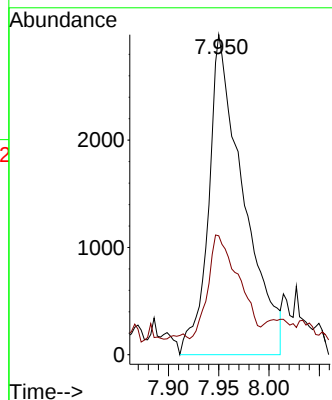
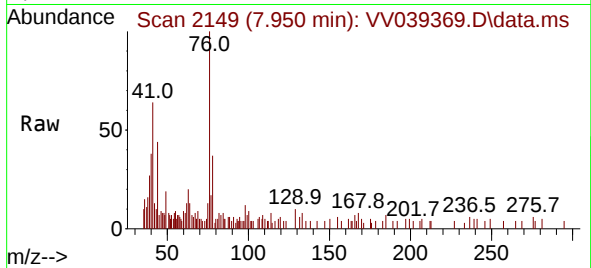
#57
1,3-Dichloropropane
Concen: 0.570 ug/l
RT: 7.950 min Scan# 2142
Delta R.T. 0.022 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion: 76 Resp: 7148
Ion Ratio Lower Upper
76 100
78 28.6 25.6 38.4

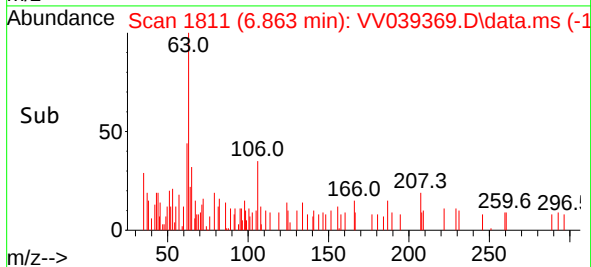
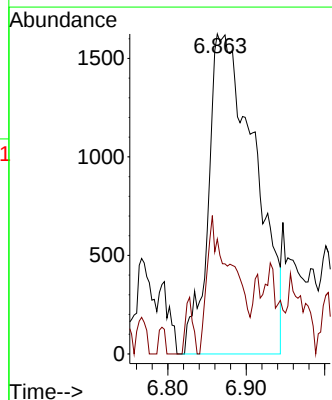
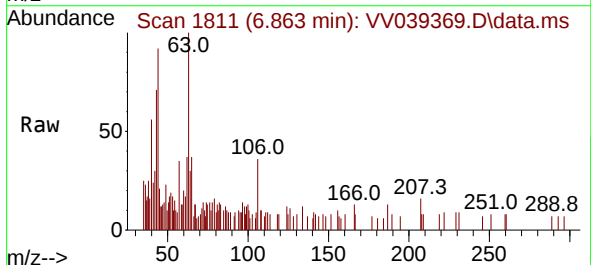
Manual Integrations
APPROVED

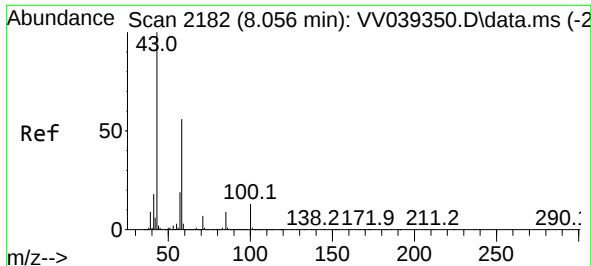
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 2.382 ug/l m
RT: 6.863 min Scan# 1811
Delta R.T. 0.058 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

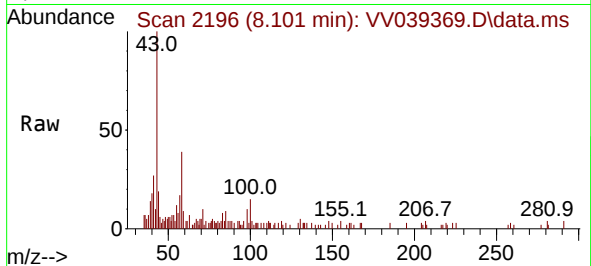
Tgt Ion: 63 Resp: 6672
Ion Ratio Lower Upper
63 100
106 2.7 23.3 34.9#





#59
2-Hexanone
Concen: 1.909 ug/l
RT: 8.101 min Scan# 2196
Delta R.T. 0.045 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

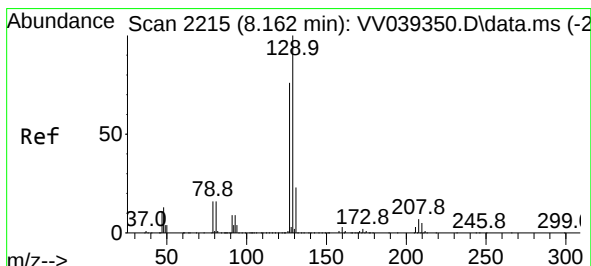
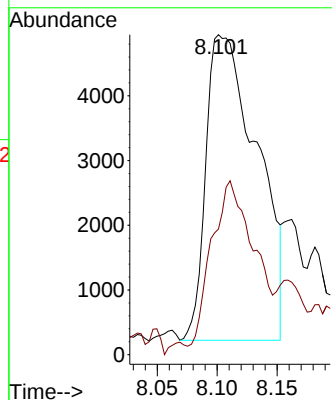
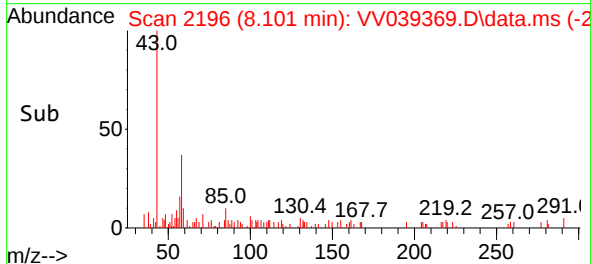
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



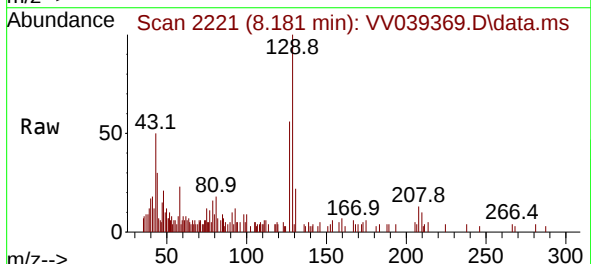
Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
58 44.7 27.7 83.1

Manual Integrations
APPROVED

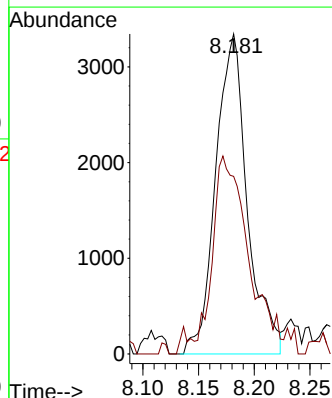
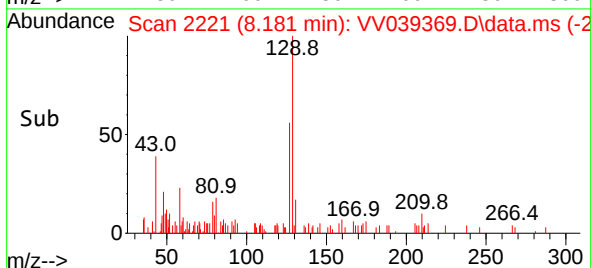
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

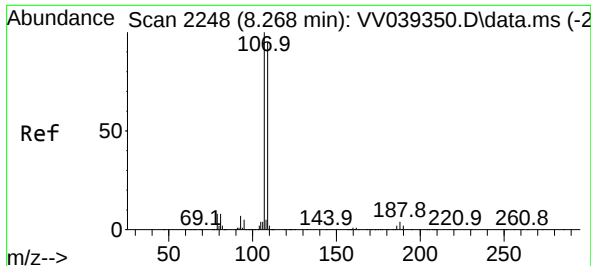


#60
Dibromochloromethane
Concen: 0.632 ug/l
RT: 8.181 min Scan# 2221
Delta R.T. 0.019 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19



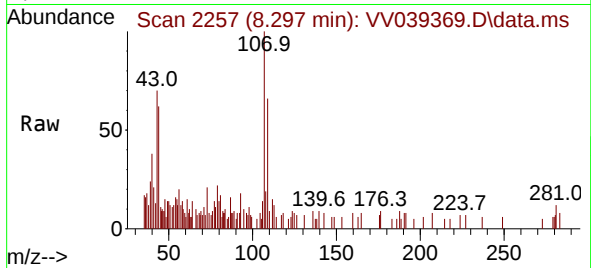
Tgt Ion:129 Resp: 6606
Ion Ratio Lower Upper
129 100
127 69.7 38.6 115.7





#61
1,2-Dibromoethane
Concen: 0.743 ug/l m
RT: 8.297 min Scan# 21
Delta R.T. 0.029 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

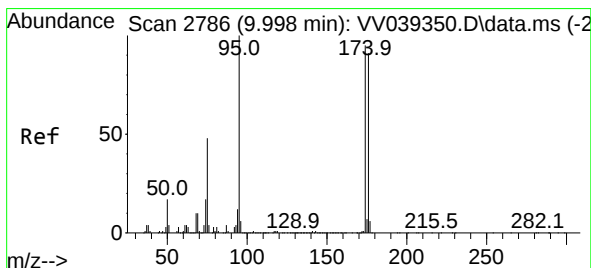
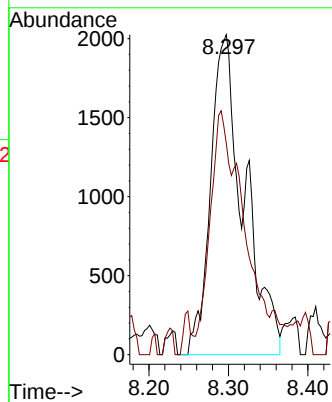
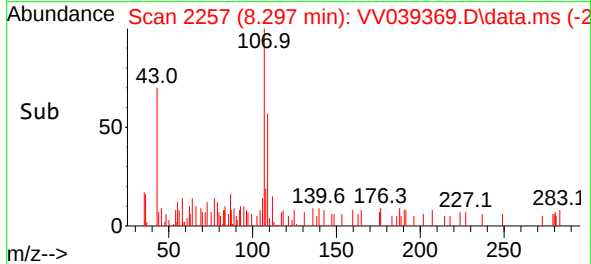
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:107 Resp: 5908
Ion Ratio Lower Upper
107 100
109 3.0 75.8 113.8

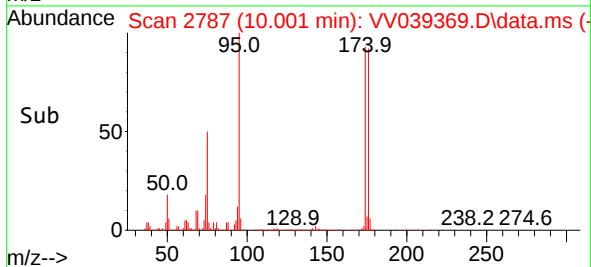
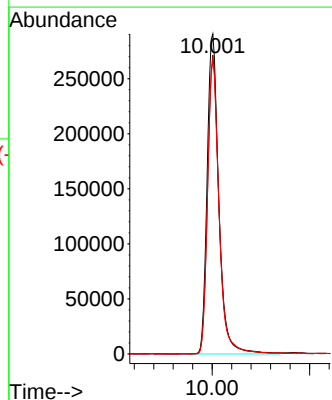
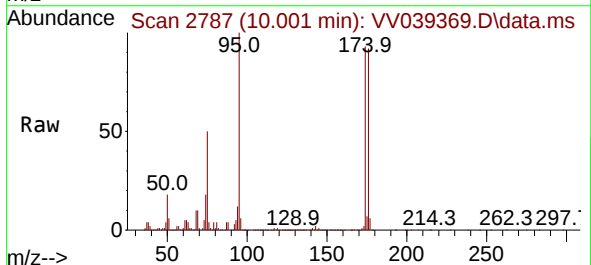
Manual Integrations
APPROVED

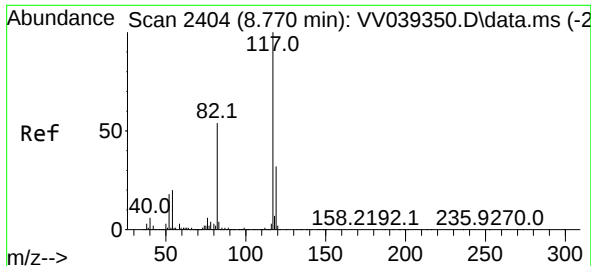
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#62
4-Bromofluorobenzene
Concen: 44.392 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

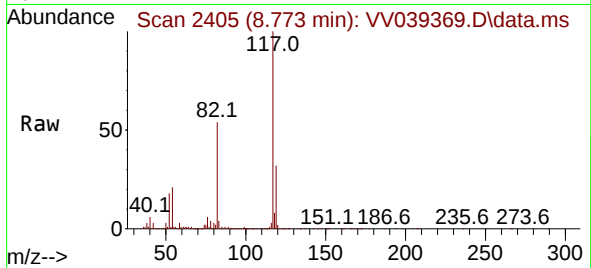
Tgt Ion: 95 Resp: 481122
Ion Ratio Lower Upper
95 100
174 92.0 0.0 187.6
176 90.4 0.0 180.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

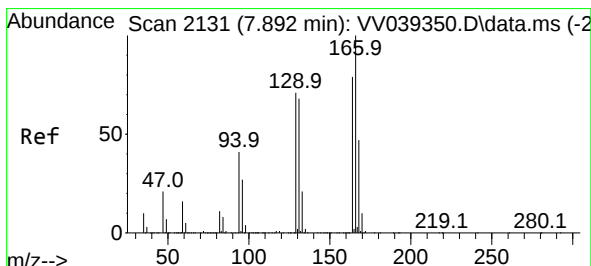
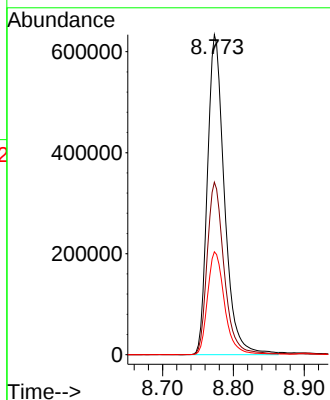
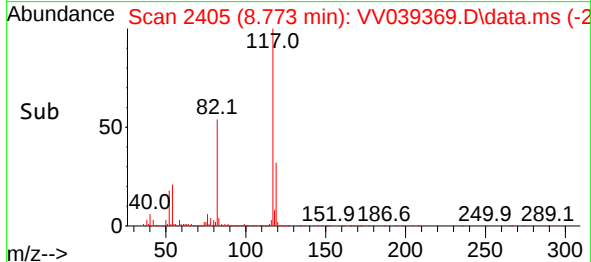
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion:117 Resp: 105535
Ion Ratio Lower Upper
117 100
82 53.9 42.9 64.3
119 32.2 25.5 38.3

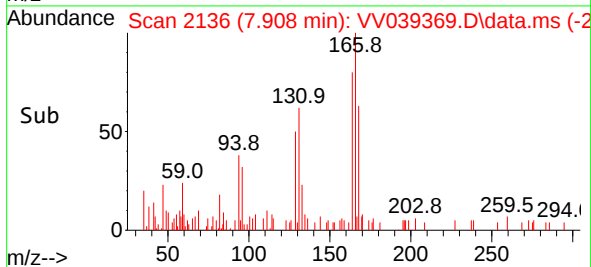
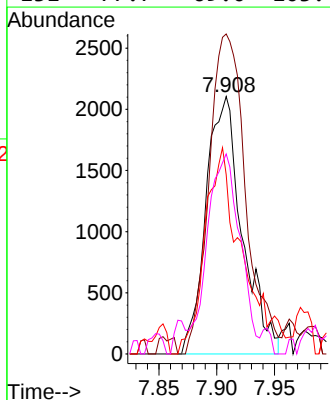
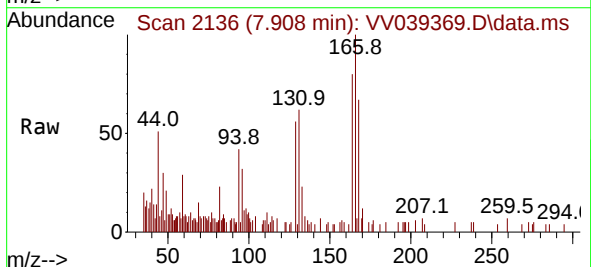
Manual Integrations
APPROVED

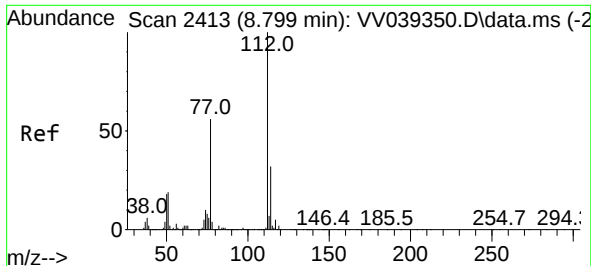
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#64
Tetrachloroethene
Concen: 0.705 ug/l
RT: 7.908 min Scan# 2136
Delta R.T. 0.016 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

Tgt Ion:164 Resp: 4596
Ion Ratio Lower Upper
164 100
166 124.3 101.9 152.9
129 69.6 71.8 107.8#
131 77.7 69.0 103.4





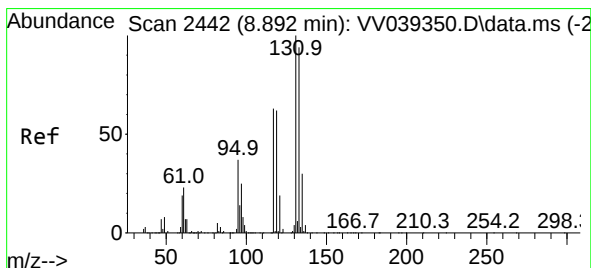
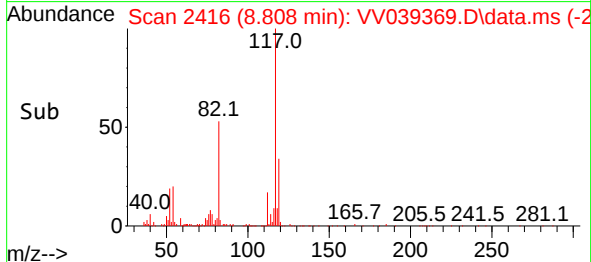
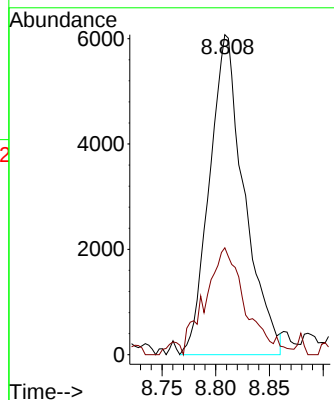
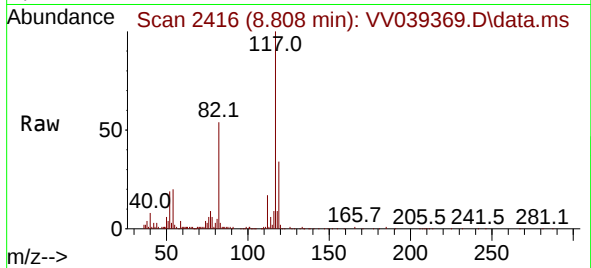
#65
Chlorobenzene
Concen: 0.650 ug/l
RT: 8.808 min Scan# 2416
Delta R.T. 0.010 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion:112 Resp: 1366
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5

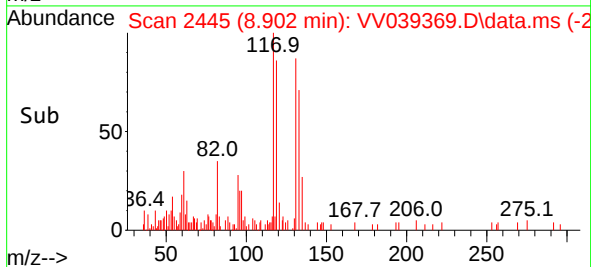
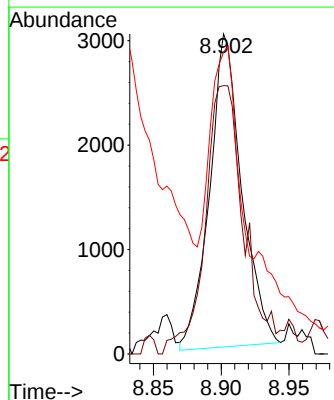
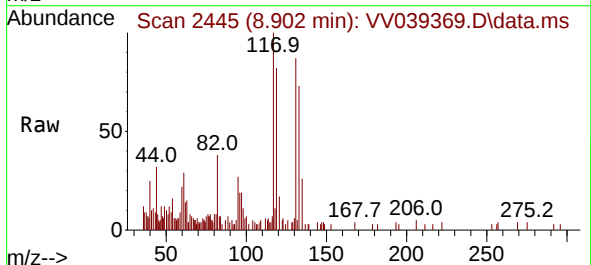
Manual Integrations
APPROVED

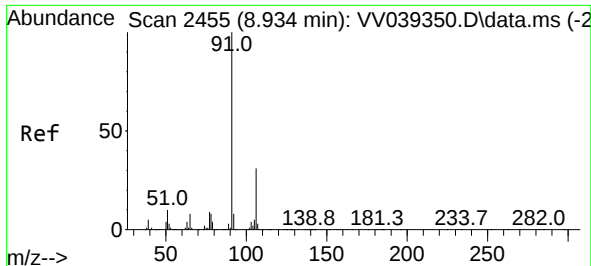
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 0.566 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.010 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

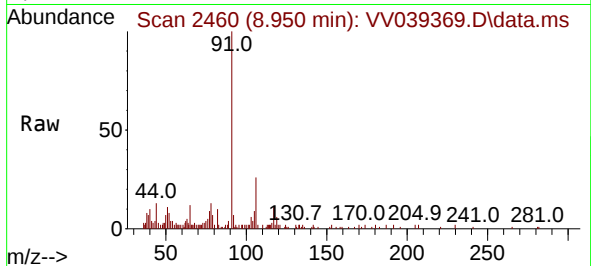
Tgt Ion:131 Resp: 4965
Ion Ratio Lower Upper
131 100
133 103.9 47.9 143.8
119 0.0 31.6 94.8#





#67
Ethyl Benzene
Concen: 0.514 ug/l
RT: 8.950 min Scan# 2455
Delta R.T. 0.016 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

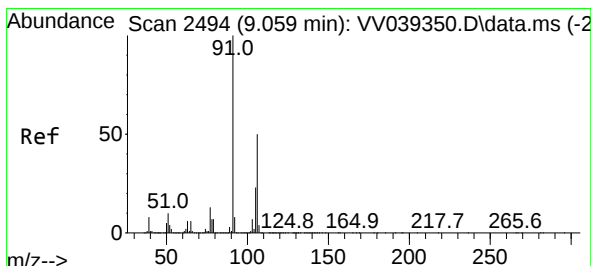
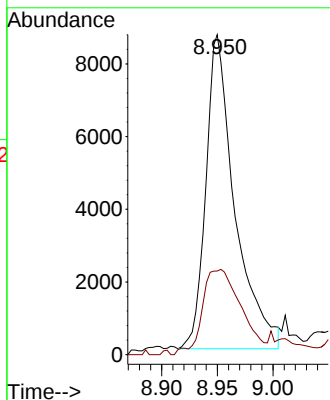
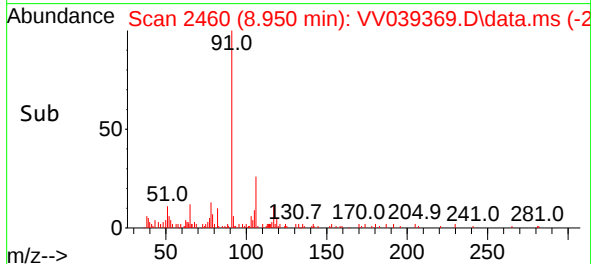
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



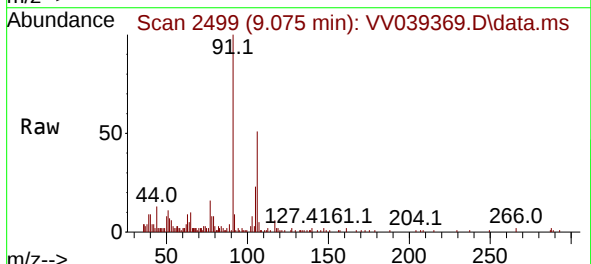
Tgt Ion: 91 Resp: 15614
Ion Ratio Lower Upper
91 100
106 25.0 24.9 37.3

Manual Integrations
APPROVED

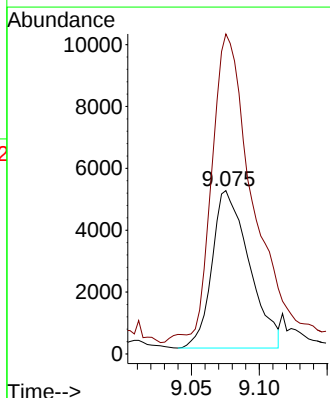
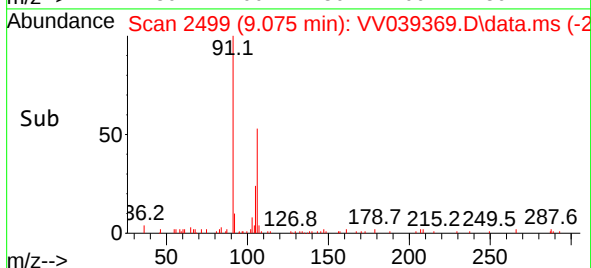
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

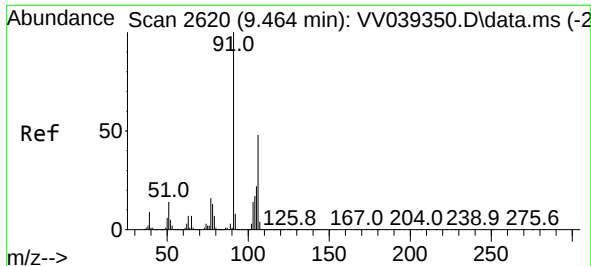


#68
m/p-Xylenes
Concen: 0.845 ug/l
RT: 9.075 min Scan# 2499
Delta R.T. 0.016 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19



Tgt Ion:106 Resp: 9702
Ion Ratio Lower Upper
106 100
91 226.0 161.5 242.3





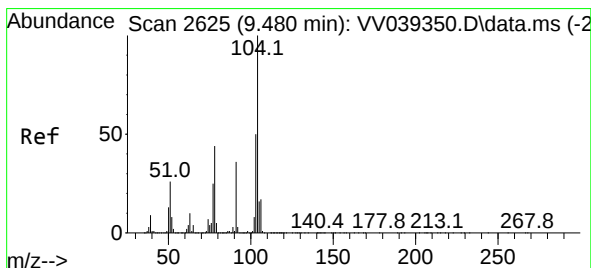
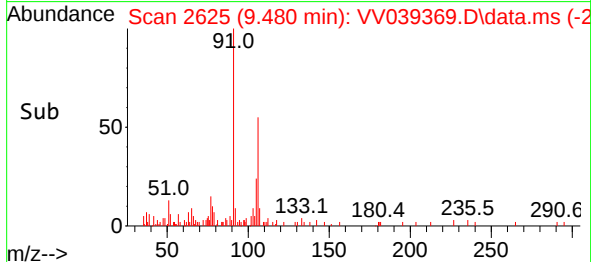
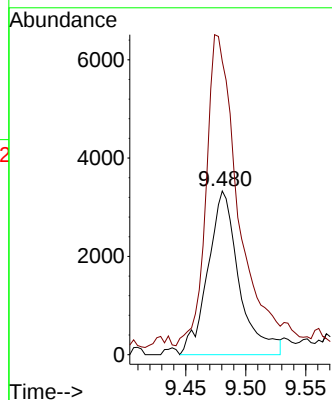
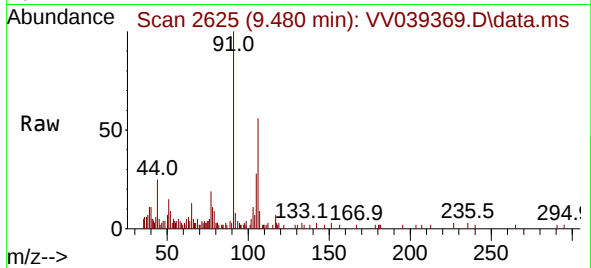
#69
o-Xylene
Concen: 0.555 ug/l
RT: 9.480 min Scan# 2620
Delta R.T. 0.016 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion:106 Resp: 602
Ion Ratio Lower Upper
106 100
91 197.5 105.9 317.7

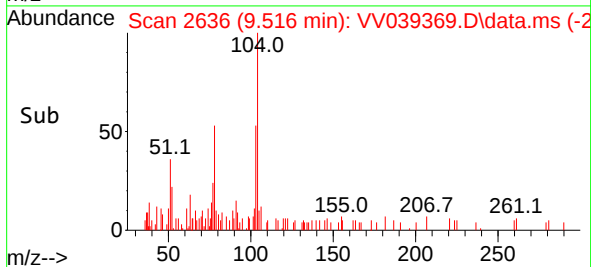
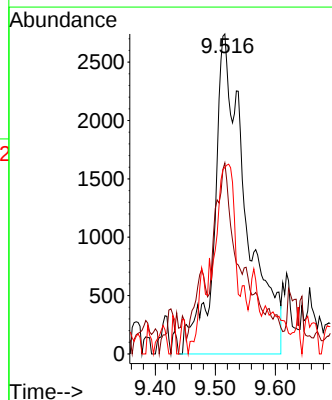
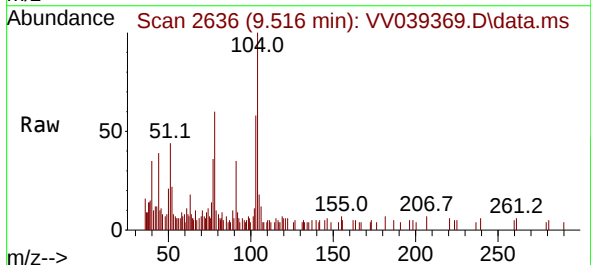
Manual Integrations
APPROVED

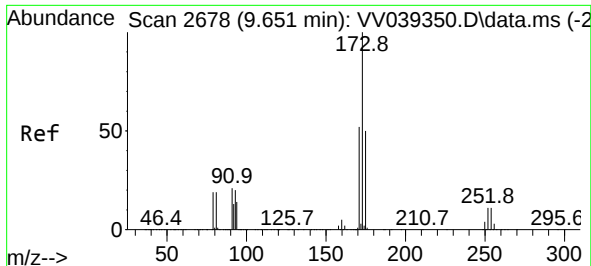
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#70
Styrene
Concen: 0.518 ug/l m
RT: 9.516 min Scan# 2636
Delta R.T. 0.035 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

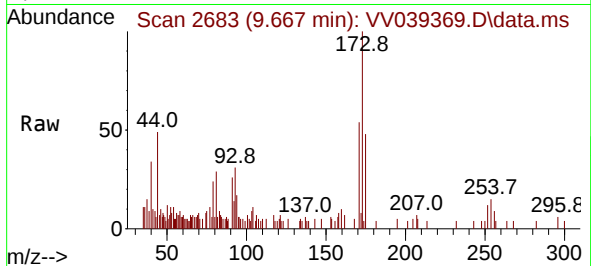
Tgt Ion:104 Resp: 10050
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.4#
103 1.7 43.4 65.2#





#71
Bromoform
Concen: 0.671 ug/l
RT: 9.667 min Scan# 2683
Delta R.T. 0.016 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

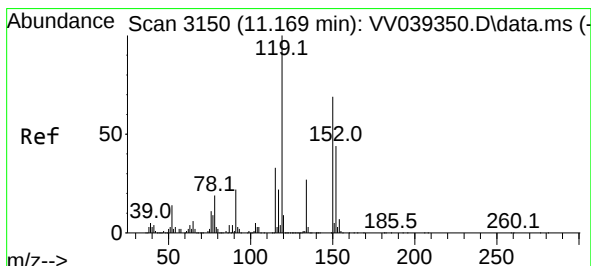
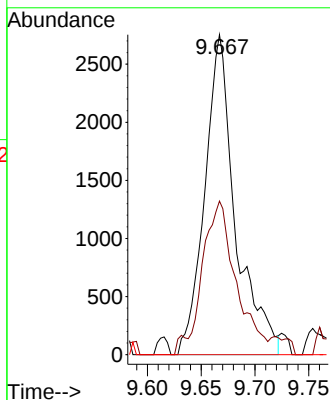
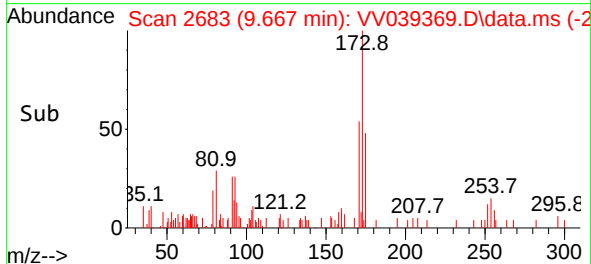
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



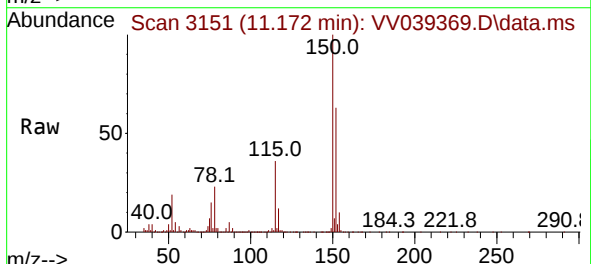
Tgt Ion:173 Resp: 545
Ion Ratio Lower Upper
173 100
175 45.5 24.5 73.5
254 0.0 0.1 0.1

Manual Integrations
APPROVED

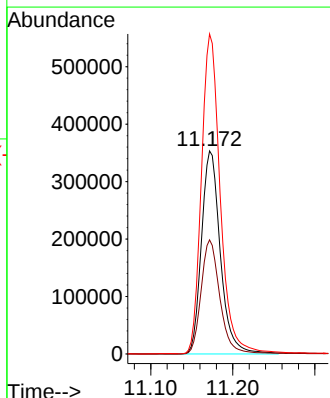
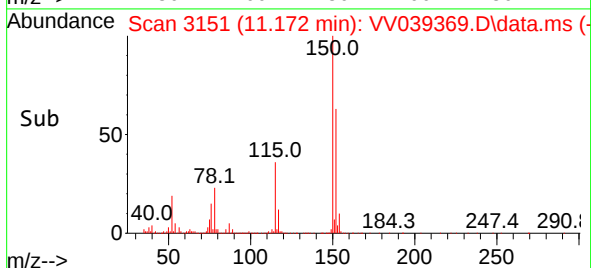
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

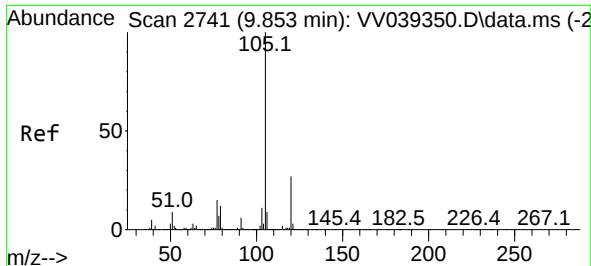


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19



Tgt Ion:152 Resp: 565564
Ion Ratio Lower Upper
152 100
115 55.8 37.3 111.9
150 157.3 0.0 340.4





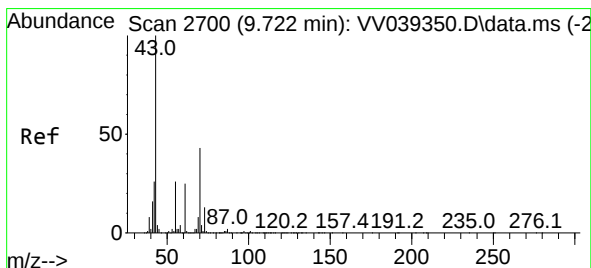
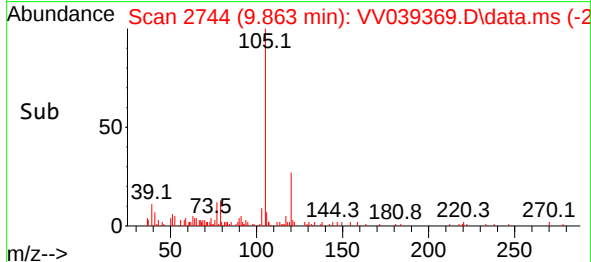
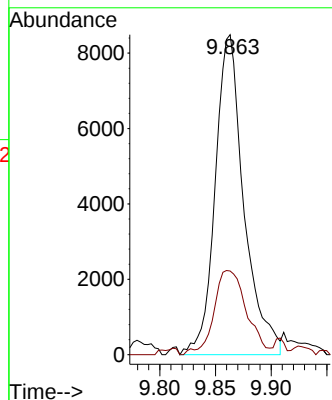
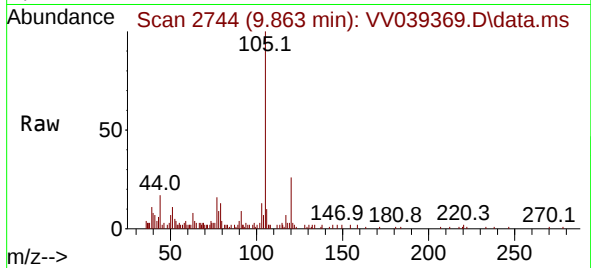
#73
Isopropylbenzene
Concen: 0.552 ug/l
RT: 9.863 min Scan# 2711
Delta R.T. 0.010 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion:105 Resp: 15238
Ion Ratio Lower Upper
105 100
120 29.7 13.4 40.1

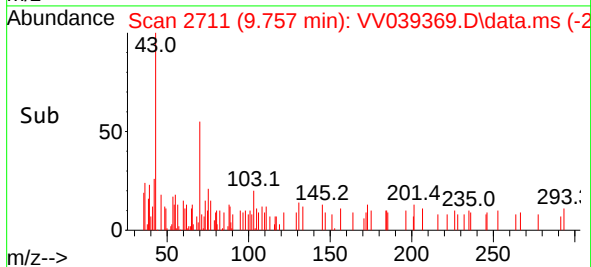
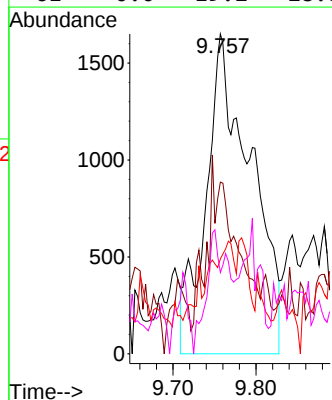
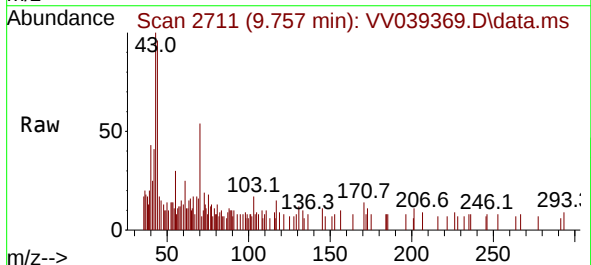
Manual Integrations
APPROVED

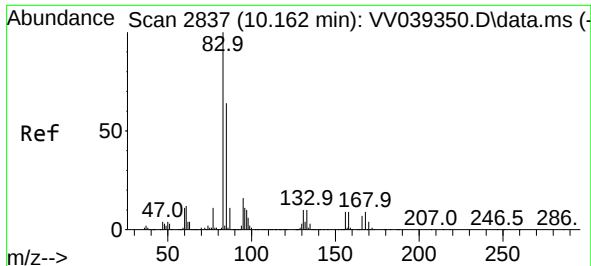
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#74
N-ethyl acetate
Concen: 0.572 ug/l m
RT: 9.757 min Scan# 2711
Delta R.T. 0.035 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

Tgt Ion: 43 Resp: 6189
Ion Ratio Lower Upper
43 100
70 4.1 34.6 51.8#
55 2.3 21.0 31.6#
61 0.0 19.2 28.8#





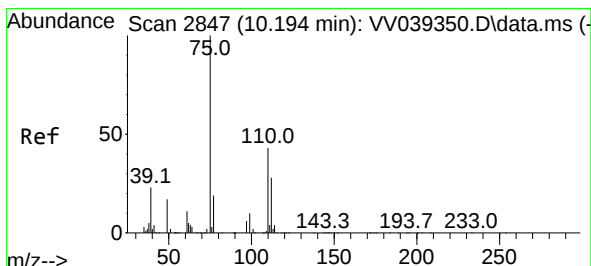
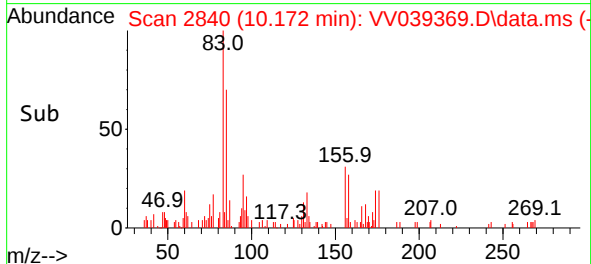
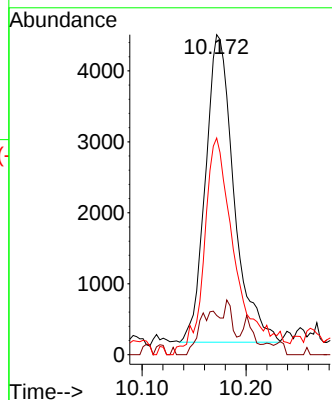
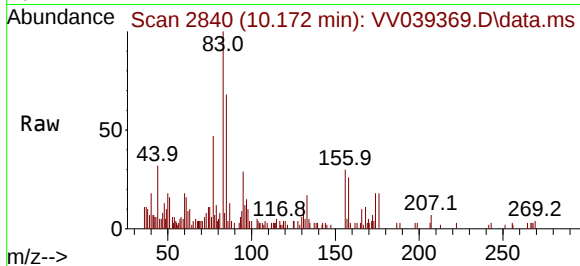
#75
1,1,2,2-Tetrachloroethane
Concen: 0.684 ug/l
RT: 10.172 min Scan# 2837
Delta R.T. 0.010 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion: 83 Resp: 8220
Ion Ratio Lower Upper
83 100
131 11.4 5.4 16.2
85 77.2 32.0 96.2

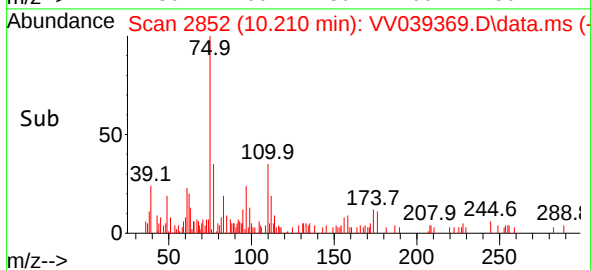
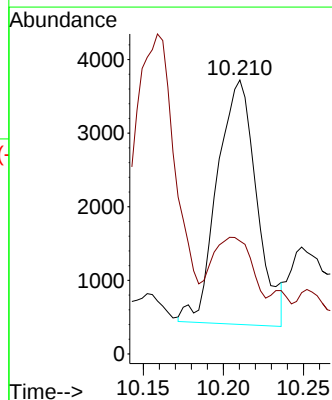
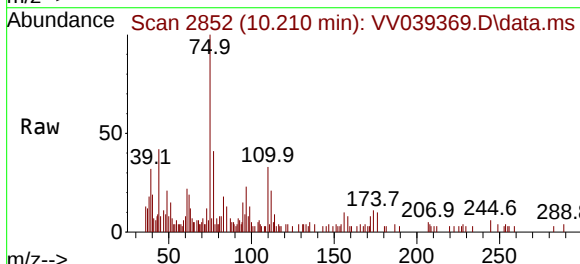
Manual Integrations
APPROVED

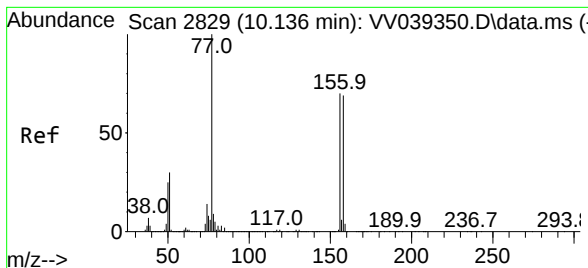
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#76
1,2,3-Trichloropropane
Concen: 0.648 ug/l m
RT: 10.210 min Scan# 2852
Delta R.T. 0.016 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

Tgt Ion: 75 Resp: 5688
Ion Ratio Lower Upper
75 100
77 42.7 11.8 35.3#





#77

Bromobenzene

Concen: 0.710 ug/l

RT: 10.156 min Scan# 2835

Delta R.T. 0.019 min

Lab File: VV039369.D

Acq: 12 Nov 2025 12:19

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

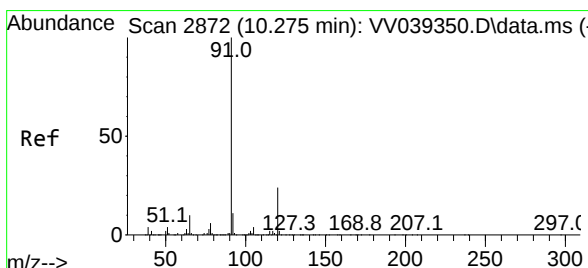
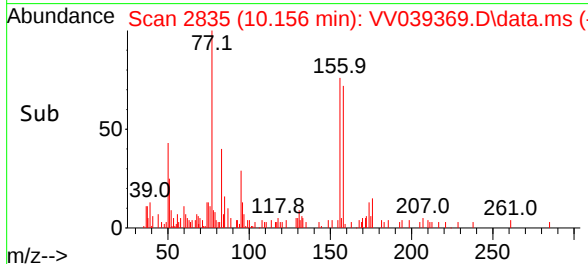
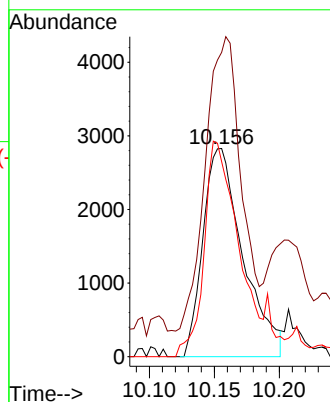
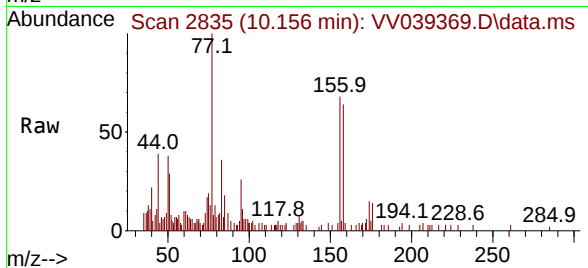
Tgt Ion:	156	Resp:	605
Ion	Ratio	Lower	Upper
156	100		
77	126.8	70.3	210.9
158	88.3	49.4	148.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#78

n-propylbenzene

Concen: 0.580 ug/l

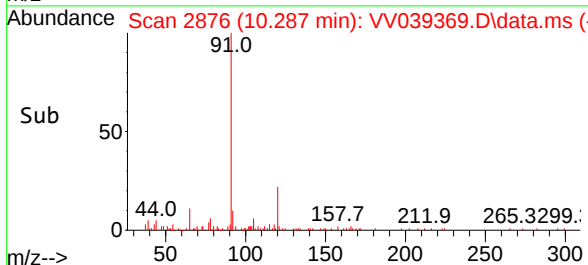
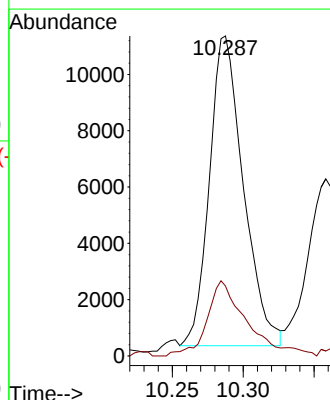
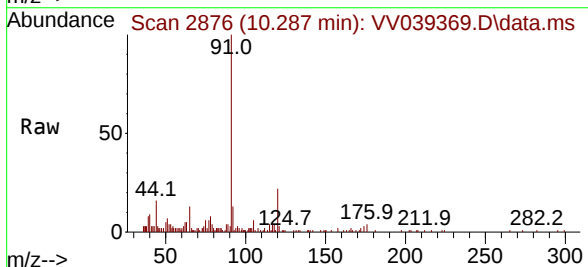
RT: 10.287 min Scan# 2876

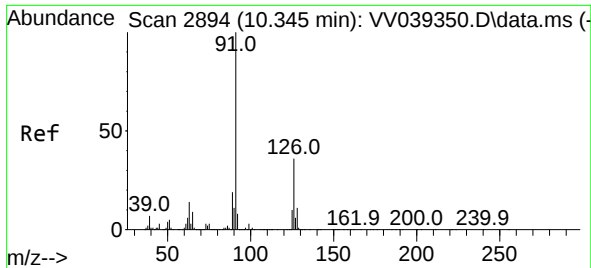
Delta R.T. 0.013 min

Lab File: VV039369.D

Acq: 12 Nov 2025 12:19

Tgt Ion:	91	Resp:	18354
Ion	Ratio	Lower	Upper
91	100		
120	28.3	12.0	36.0





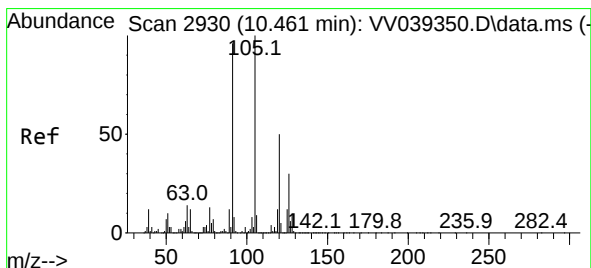
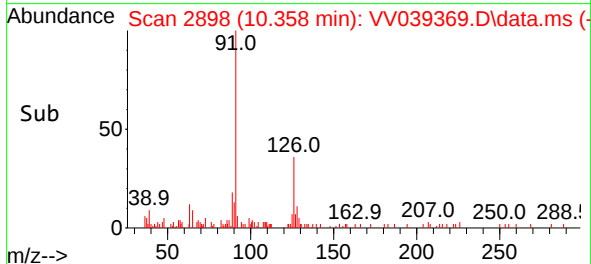
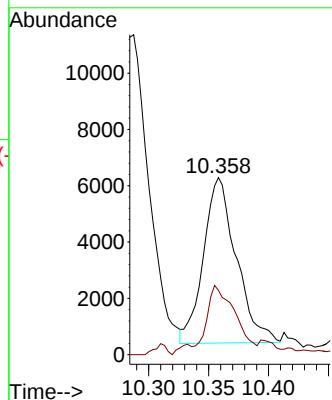
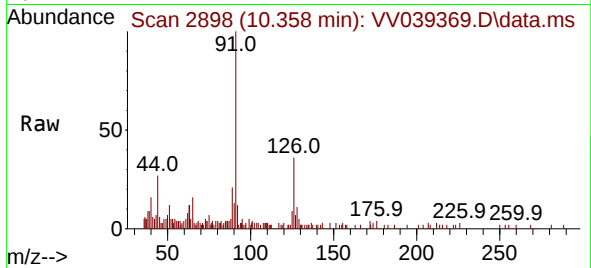
#79
2-Chlorotoluene
Concen: 0.554 ug/l
RT: 10.358 min Scan# 2898
Delta R.T. 0.013 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion: 91 Resp: 1121
Ion Ratio Lower Upper
91 100
126 33.1 17.6 52.8

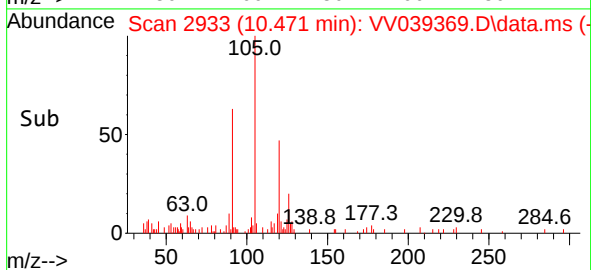
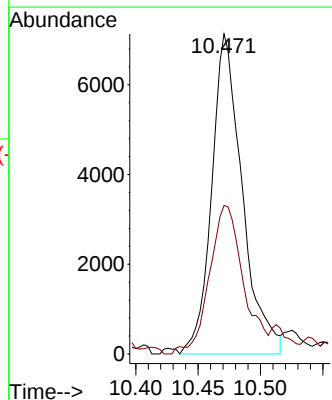
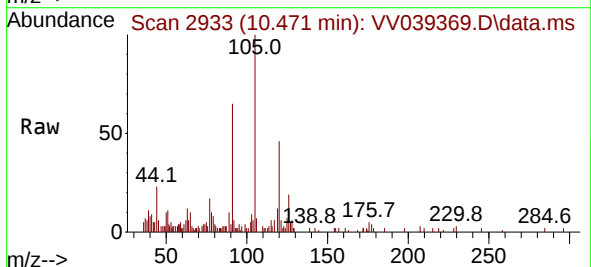
Manual Integrations
APPROVED

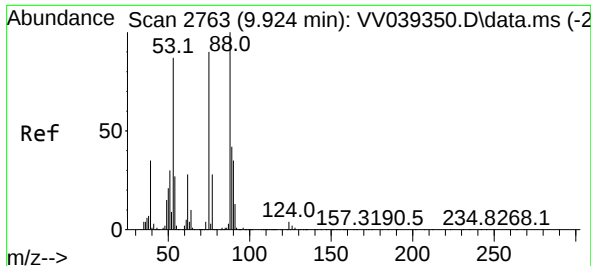
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.539 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.010 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

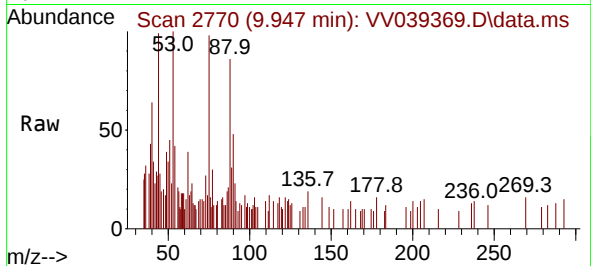
Tgt Ion:105 Resp: 12170
Ion Ratio Lower Upper
105 100
120 51.5 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 0.560 ug/l m
RT: 9.947 min Scan# 21
Delta R.T. 0.022 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

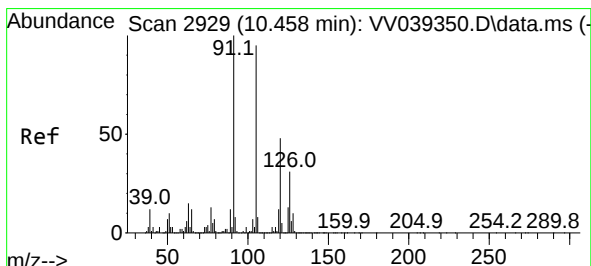
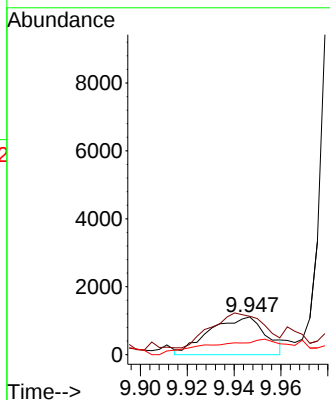
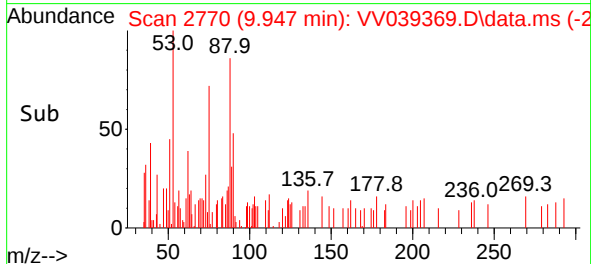
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 75 Resp: 1834
Ion Ratio Lower Upper
75 100
53 47.2 79.0 118.6
89 5.7 40.4 60.6

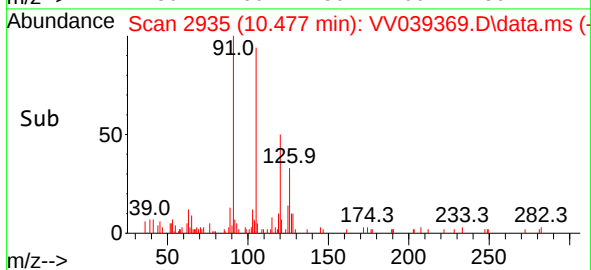
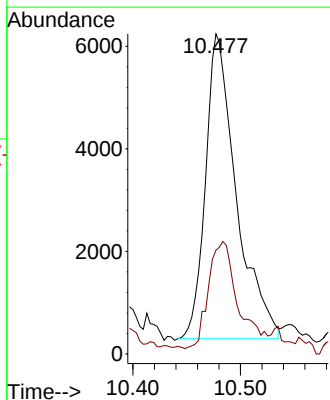
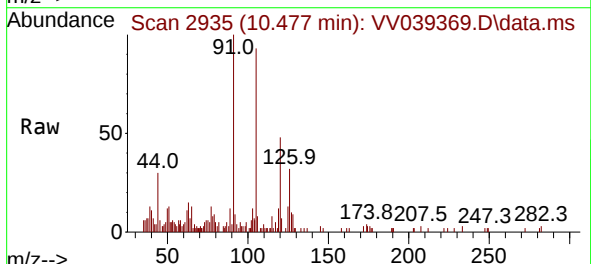
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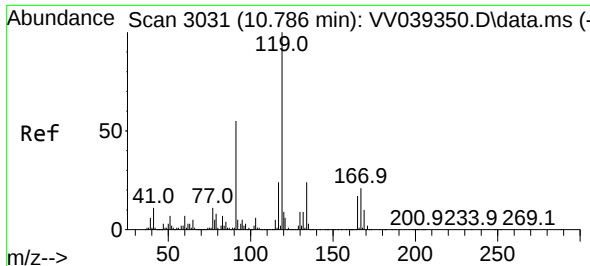
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#82
4-Chlorotoluene
Concen: 0.522 ug/l
RT: 10.477 min Scan# 2935
Delta R.T. 0.019 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

Tgt Ion: 91 Resp: 11818
Ion Ratio Lower Upper
91 100
126 34.4 15.3 45.9





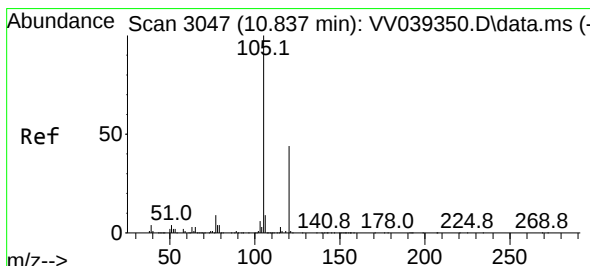
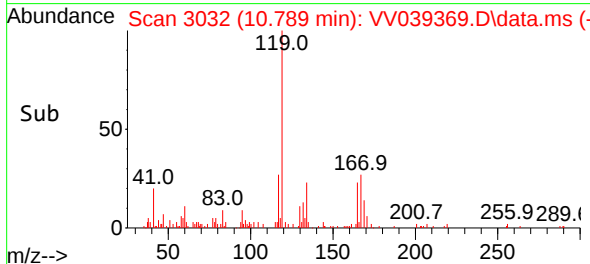
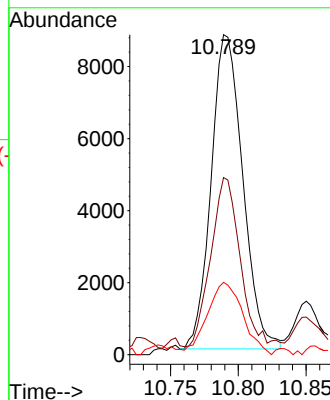
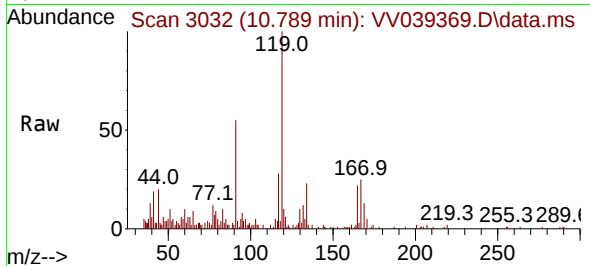
#83
 tert-Butylbenzene
 Concen: 0.571 ug/l
 RT: 10.789 min Scan# 3031
 Delta R.T. 0.003 min
 Lab File: VV039369.D
 Acq: 12 Nov 2025 12:19

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

Tgt Ion:119 Resp: 1417
 Ion Ratio Lower Upper
 119 100
 91 49.7 26.5 79.5
 134 25.7 11.9 35.5

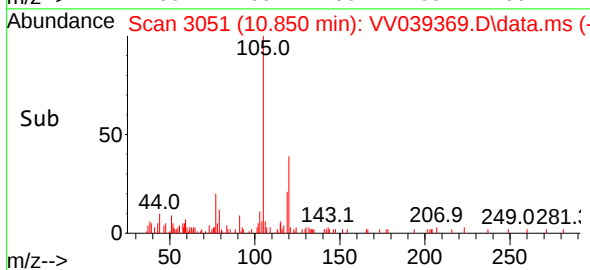
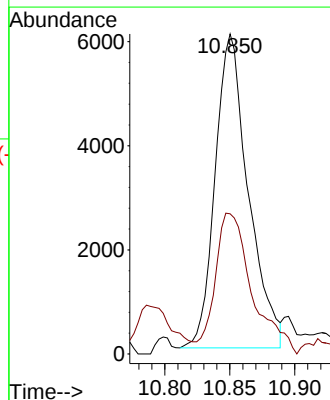
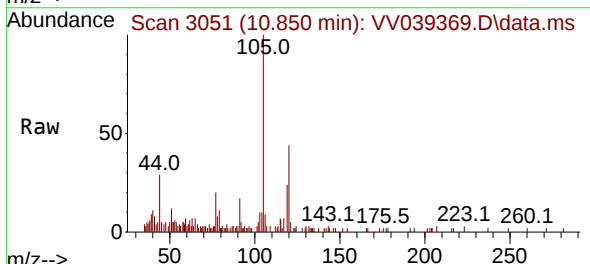
Manual Integrations
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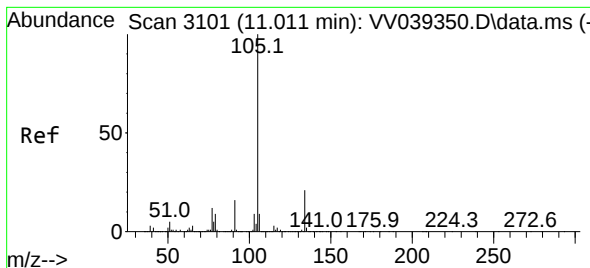
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 0.486 ug/l
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.013 min
 Lab File: VV039369.D
 Acq: 12 Nov 2025 12:19

Tgt Ion:105 Resp: 10687
 Ion Ratio Lower Upper
 105 100
 120 49.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 0.548 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV039369.D

Acq: 12 Nov 2025 12:19

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion:105 Resp: 16128

Ion Ratio Lower Upper

105 100

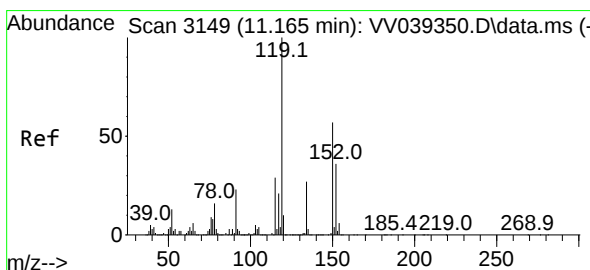
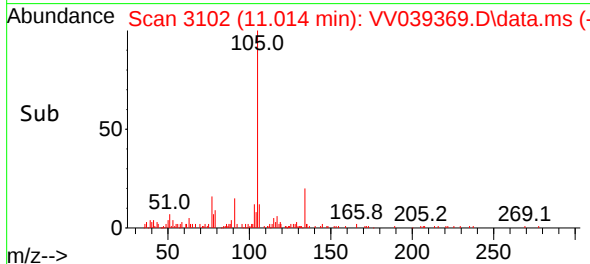
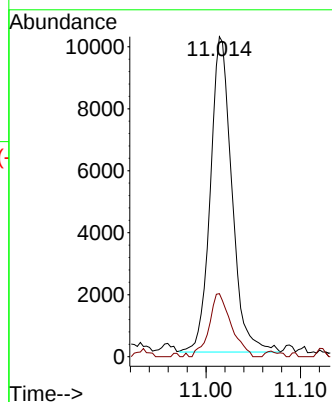
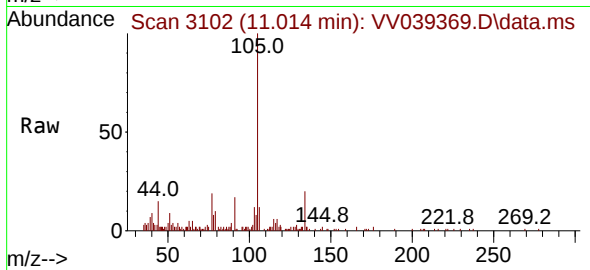
134 20.3 10.5 31.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#86

p-Isopropyltoluene

Concen: 0.614 ug/l

RT: 11.168 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039369.D

Acq: 12 Nov 2025 12:19

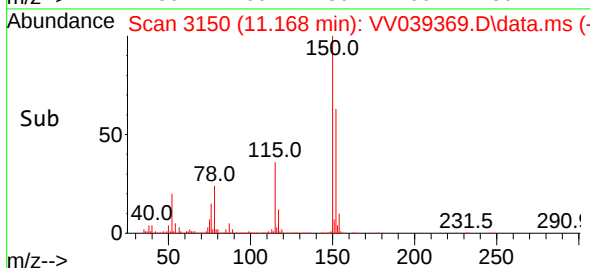
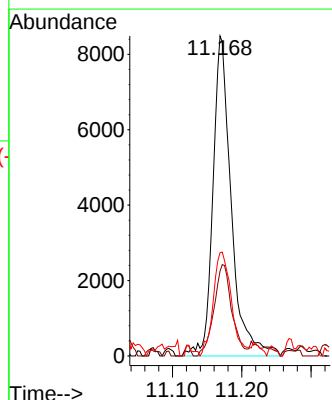
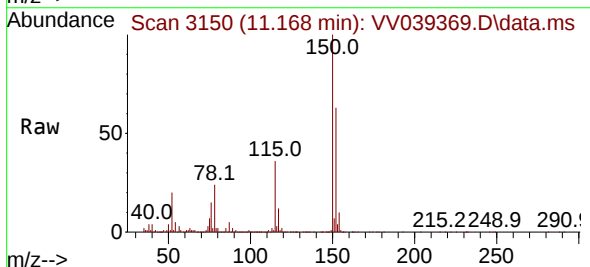
Tgt Ion:119 Resp: 15598

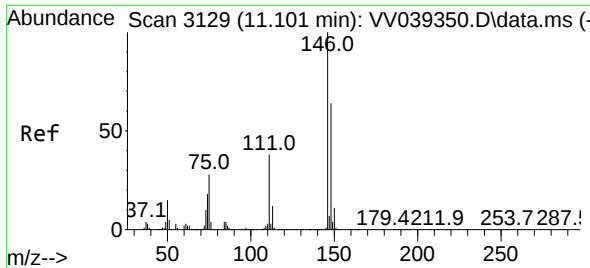
Ion Ratio Lower Upper

119 100

134 27.8 13.4 40.2

91 31.9 11.5 34.4





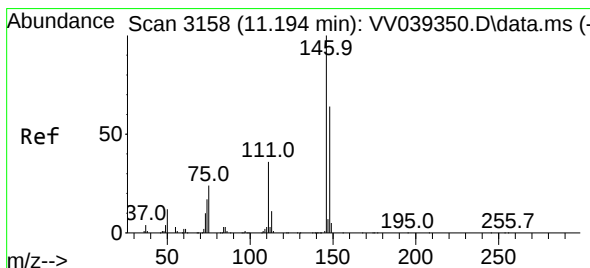
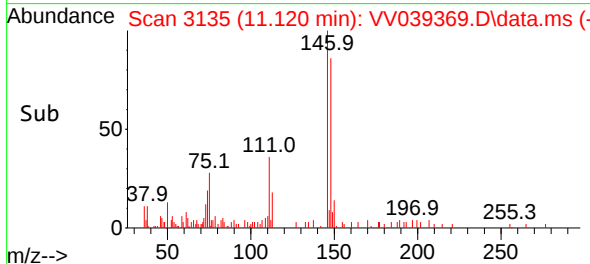
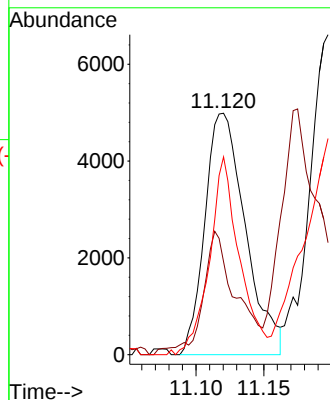
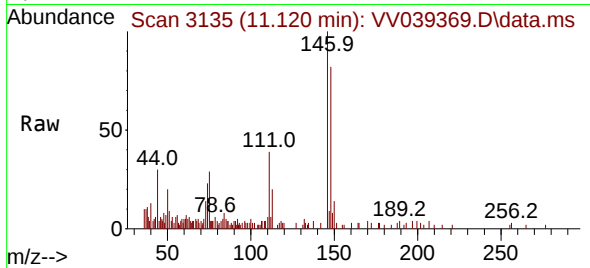
#87
1,3-Dichlorobenzene
Concen: 0.635 ug/l
RT: 11.120 min Scan# 3112
Delta R.T. 0.019 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion:146 Resp: 1038
Ion Ratio Lower Upper
146 100
111 42.2 18.8 56.4
148 60.4 31.9 95.5

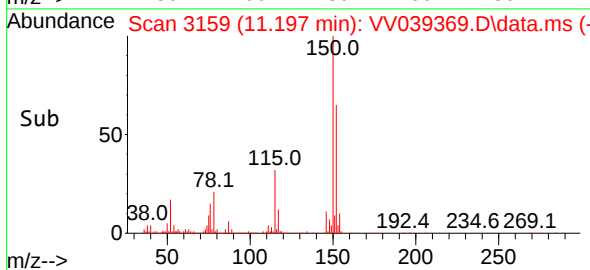
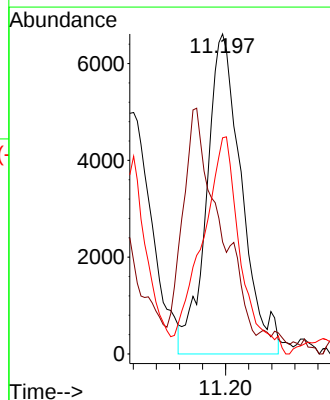
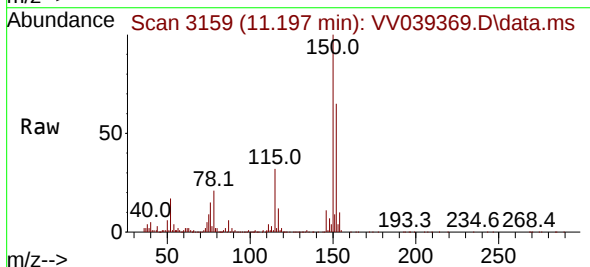
Manual Integrations
APPROVED

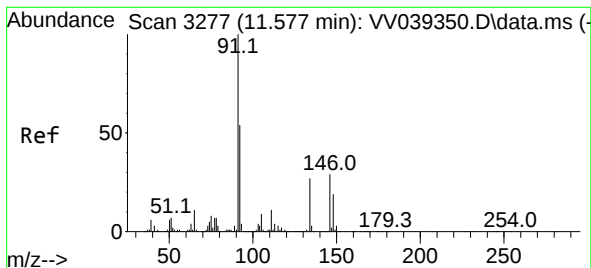
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#88
1,4-Dichlorobenzene
Concen: 0.779 ug/l m
RT: 11.197 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

Tgt Ion:146 Resp: 13886
Ion Ratio Lower Upper
146 100
111 31.6 18.6 55.8
148 45.2 32.0 96.2





#89

n-Butylbenzene

Concen: 0.590 ug/l

RT: 11.590 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV039369.D

Acq: 12 Nov 2025 12:19

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

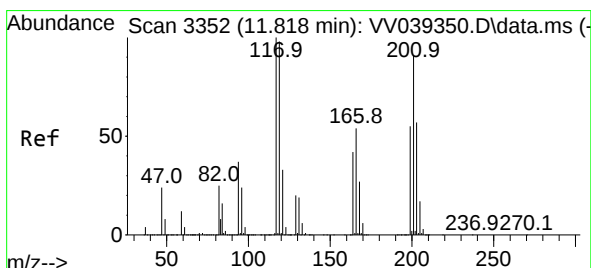
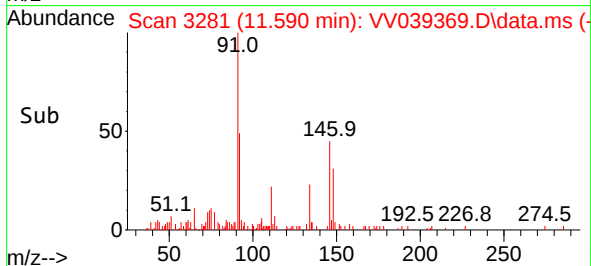
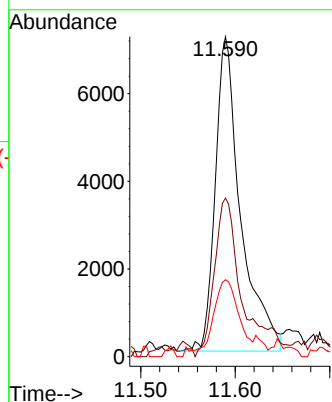
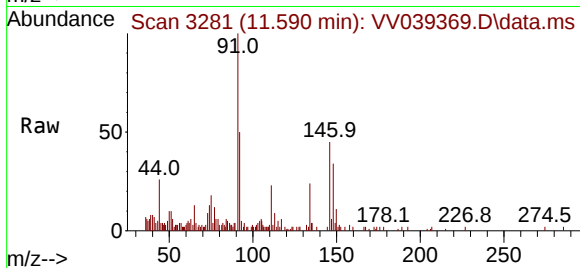
Tgt Ion:	91	Resp:	1336
Ion Ratio	Lower	Upper	
91	100		
92	55.9	26.9	80.7
134	20.5	13.5	40.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#90

Hexachloroethane

Concen: 0.780 ug/l

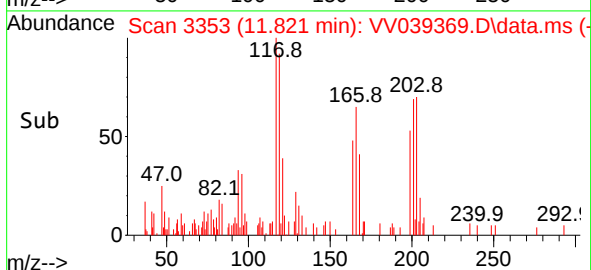
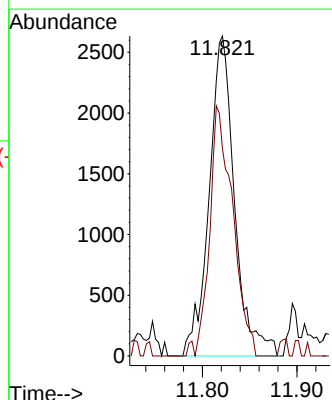
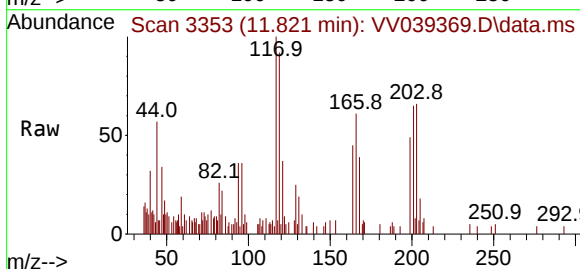
RT: 11.821 min Scan# 3353

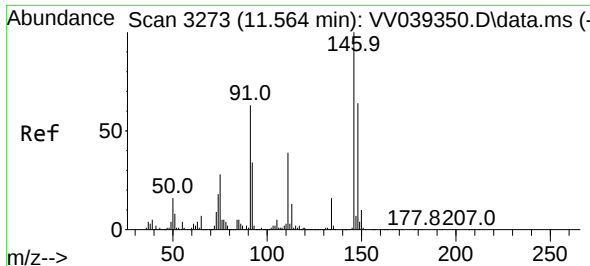
Delta R.T. 0.003 min

Lab File: VV039369.D

Acq: 12 Nov 2025 12:19

Tgt Ion:	117	Resp:	4935
Ion Ratio	Lower	Upper	
117	100		
201	70.9	45.3	135.8





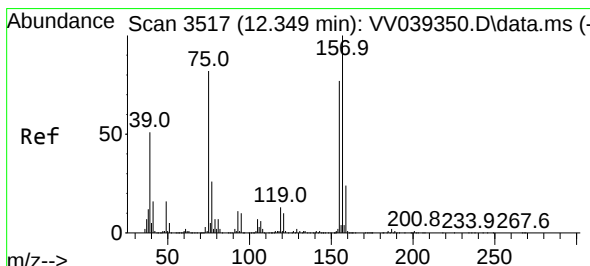
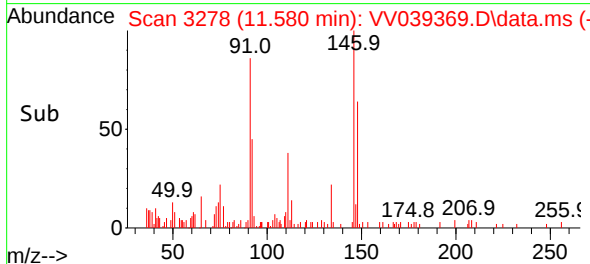
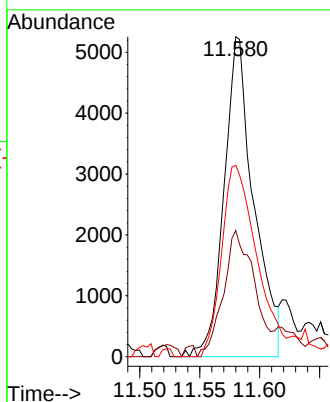
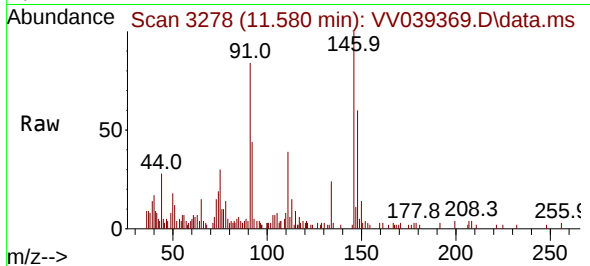
#91
1,2-Dichlorobenzene
Concen: 0.566 ug/l
RT: 11.580 min Scan# 3111
Delta R.T. 0.016 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

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

Tgt Ion:146 Resp: 9048
Ion Ratio Lower Upper
146 100
111 40.9 19.5 58.5
148 71.1 32.0 96.0

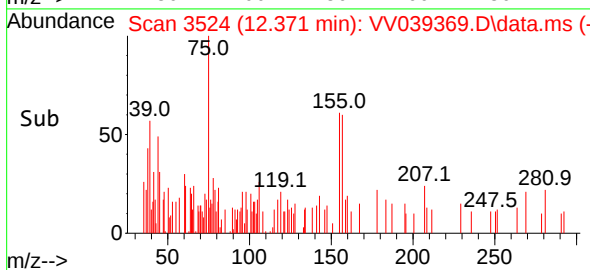
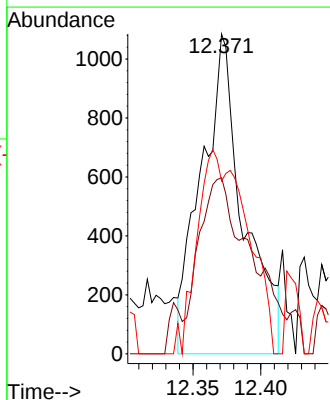
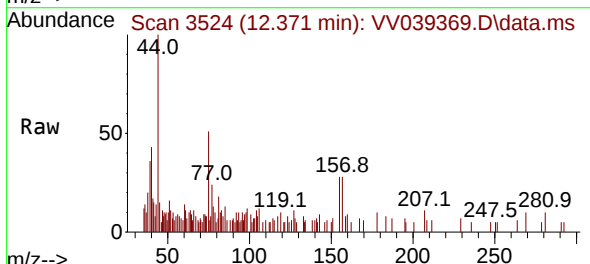
Manual Integrations
APPROVED

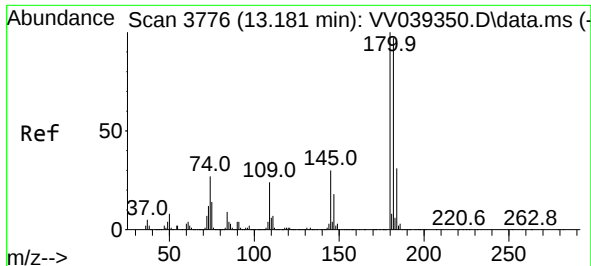
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.945 ug/l
RT: 12.371 min Scan# 3524
Delta R.T. 0.022 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

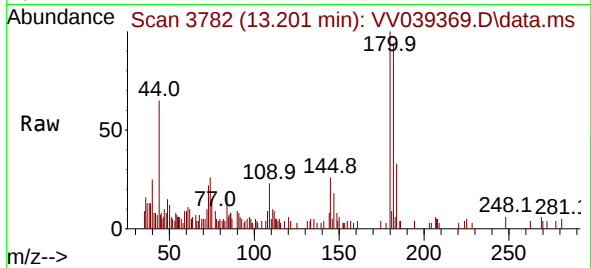
Tgt Ion: 75 Resp: 2338
Ion Ratio Lower Upper
75 100
155 56.6 47.0 141.2
157 76.0 61.3 183.9





#93
1,2,4-Trichlorobenzene
Concen: 0.704 ug/l
RT: 13.201 min Scan# 31
Delta R.T. 0.019 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

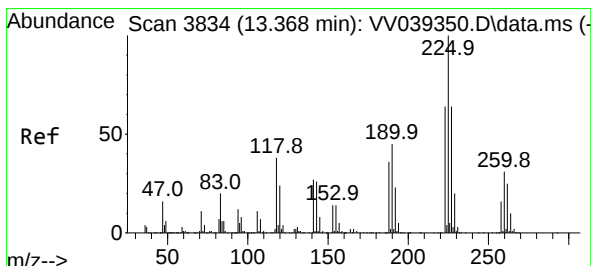
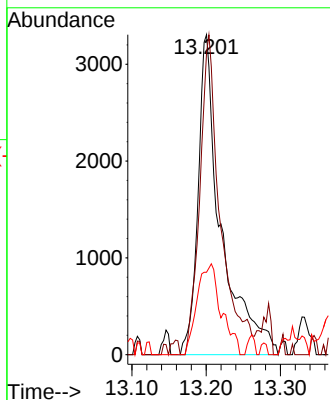
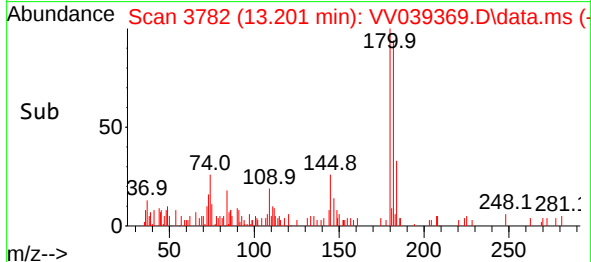
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:180 Resp: 714
Ion Ratio Lower Upper
180 100
182 89.0 48.5 145.5
145 29.8 14.6 43.8

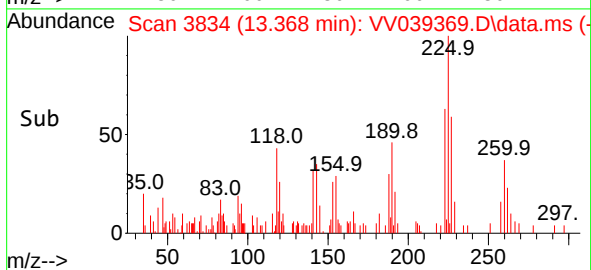
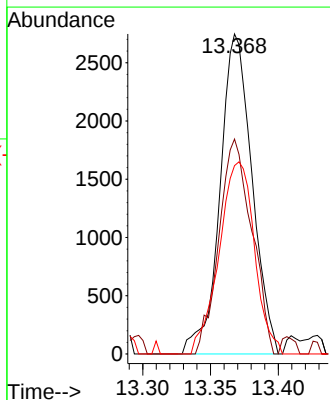
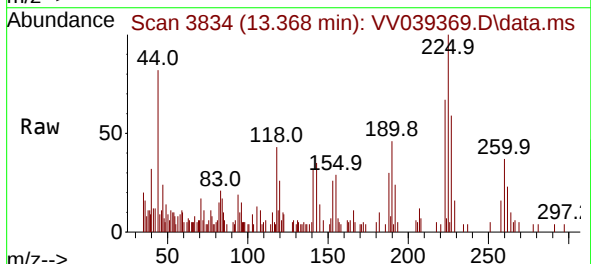
Manual Integrations
APPROVED

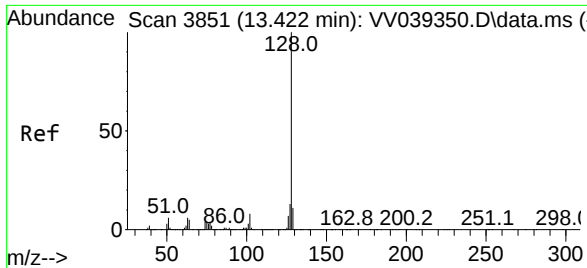
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#94
Hexachlorobutadiene
Concen: 0.833 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

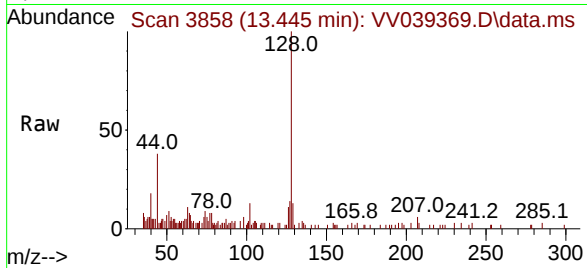
Tgt Ion:225 Resp: 4511
Ion Ratio Lower Upper
225 100
223 68.8 31.1 93.5
227 66.3 31.7 95.1





#95
Naphthalene
Concen: 0.458 ug/l
RT: 13.445 min Scan# 3910
Delta R.T. 0.022 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

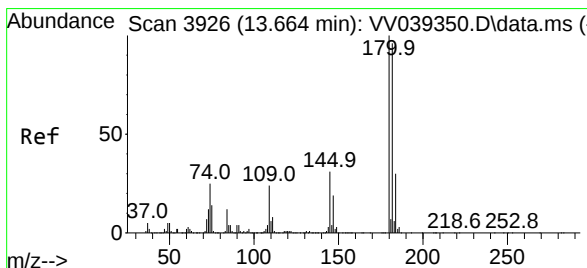
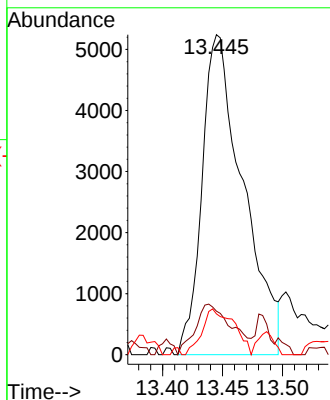
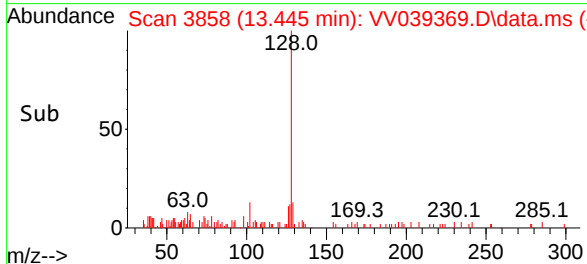
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:128 Resp: 1247
Ion Ratio Lower Upper
128 100
127 14.2 10.4 15.6
129 11.1 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: 0.550 ug/l
RT: 13.676 min Scan# 3930
Delta R.T. 0.013 min
Lab File: VV039369.D
Acq: 12 Nov 2025 12:19

Tgt Ion:180 Resp: 5756
Ion Ratio Lower Upper
180 100
182 96.8 47.9 143.6
145 18.0 15.3 45.9

