

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
 Data File : VV039370.D
 Acq On : 12 Nov 2025 12:40
 Operator : SY/MD
 Sample : Q3530-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 14 00:21:19 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	767272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1124227	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1089790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	608653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	521641	55.109	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 110.220%			
35) Dibromofluoromethane	4.503	113	441939	51.253	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 102.500%			
50) Toluene-d8	7.236	98	1389913	48.779	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 97.560%			
62) 4-Bromofluorobenzene	10.002	95	515351	47.069	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 94.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	14135	3.086	ug/l	99
3) Chloromethane	1.230	50	14004	3.276	ug/l	92
4) Vinyl Chloride	1.298	62	16333	3.097	ug/l #	86
5) Bromomethane	1.500	94	10595	3.374	ug/l	98
6) Chloroethane	1.561	64	10440	2.681	ug/l	99
7) Trichlorofluoromethane	1.725	101	31168	2.902	ug/l	98
8) Diethyl Ether	1.921	74	11804	2.882	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.082	101	21028	2.978	ug/l	99
10) Methyl Iodide	2.195	142	14164	3.257	ug/l	97
11) Tert butyl alcohol	2.568	59	18189	17.937	ug/l #	93
12) 1,1-Dichloroethene	2.085	96	14835	2.656	ug/l #	76
13) Acrolein	2.008	56	2308	24.260	ug/l	87
14) Allyl chloride	2.362	41	28378	2.851	ug/l	99
15) Acrylonitrile	2.693	53	53782	13.665	ug/l	97
16) Acetone	2.121	43	106760	21.317	ug/l	99
17) Carbon Disulfide	2.256	76	29419	3.332	ug/l	98
18) Methyl Acetate	2.394	43	22302	1.663	ug/l #	81
19) Methyl tert-butyl Ether	2.712	73	57734	2.749	ug/l	97
20) Methylene Chloride	2.462	84	23228	3.004	ug/l	96
21) trans-1,2-Dichloroethene	2.712	96	15983	2.885	ug/l	93
22) Diisopropyl ether	3.217	45	53832	2.490	ug/l #	3
23) Vinyl Acetate	3.211	43	213910	14.007	ug/l	98
24) 1,1-Dichloroethane	3.124	63	38028	2.892	ug/l #	94
25) 2-Butanone	3.905	43	82132	15.717	ug/l	95
26) 2,2-Dichloropropane	3.822	77	31316	2.832	ug/l	100
27) cis-1,2-Dichloroethene	3.847	96	18800	2.499	ug/l	94
28) Bromochloromethane	4.159	49	12986	2.258	ug/l #	51
29) Tetrahydrofuran	4.256	42	34680	11.856	ug/l	92
30) Chloroform	4.288	83	42004	2.893	ug/l	92
31) Cyclohexane	4.590	56	33965	4.127	ug/l #	65
32) 1,1,1-Trichloroethane	4.516	97	36699	3.022	ug/l	98
36) 1,1-Dichloropropene	4.767	75	19455	2.620	ug/l	94
37) Ethyl Acetate	3.905	43	82132	7.199	ug/l #	73
38) Carbon Tetrachloride	4.735	117	30022	2.721	ug/l	94
39) Methylcyclohexane	6.053	83	21304	2.694	ug/l	95
40) Benzene	5.024	78	70881	2.729	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.208	41	4426m	1.086	ug/l	
42) 1,2-Dichloroethane	5.063	62	28020	2.768	ug/l	98
43) Isopropyl Acetate	5.220	43	34758	2.287	ug/l #	80
44) Trichloroethene	5.844	130	19937	2.829	ug/l	97
45) 1,2-Dichloropropane	6.101	63	18633	2.652	ug/l	91
46) Dibromomethane	6.243	93	16071	2.844	ug/l	92
47) Bromodichloromethane	6.436	83	31660	2.587	ug/l	98
48) Methyl methacrylate	6.336	41	13230m	1.869	ug/l	
49) 1,4-Dioxane	6.317	88	4938m	45.290	ug/l	
51) 4-Methyl-2-Pentanone	7.156	43	126496	12.175	ug/l	96
52) Toluene	7.320	92	43675	2.684	ug/l	91
53) t-1,3-Dichloropropene	7.593	75	27783	2.639	ug/l	96
54) cis-1,3-Dichloropropene	6.966	75	29438	2.633	ug/l	94
55) 1,1,2-Trichloroethane	7.770	97	21806	2.646	ug/l	97
56) Ethyl methacrylate	7.735	69	20690	2.080	ug/l	98
57) 1,3-Dichloropropane	7.944	76	34680	2.737	ug/l	96
58) 2-Chloroethyl Vinyl ether	6.831	63	34192	12.085	ug/l #	87
59) 2-Hexanone	8.076	43	96251	12.962	ug/l	98
60) Dibromochloromethane	8.172	129	28932	2.740	ug/l	96
61) 1,2-Dibromoethane	8.285	107	21936	2.731	ug/l	95
64) Tetrachloroethene	7.902	164	18226	2.706	ug/l	96
65) Chlorobenzene	8.809	112	61631	2.841	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	24669	2.725	ug/l	93
67) Ethyl Benzene	8.944	91	78372	2.498	ug/l	96
68) m/p-Xylenes	9.069	106	53096	4.481	ug/l	96
69) o-Xylene	9.471	106	26969	2.405	ug/l	99
70) Styrene	9.500	104	44180	2.204	ug/l	94
71) Bromoform	9.661	173	22281	2.652	ug/l #	98
73) Isopropylbenzene	9.857	105	72696	2.446	ug/l	97
74) N-amyl acetate	9.738	43	26450	2.271	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.169	83	36907	2.851	ug/l	96
76) 1,2,3-Trichloropropane	10.204	75	26851	2.842	ug/l	91
77) Bromobenzene	10.146	156	28556	3.113	ug/l	93
78) n-propylbenzene	10.281	91	88796	2.608	ug/l	95
79) 2-Chlorotoluene	10.352	91	58866	2.701	ug/l	100
80) 1,3,5-Trimethylbenzene	10.468	105	60140	2.475	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.937	75	8348	2.369	ug/l #	91
82) 4-Chlorotoluene	10.471	91	61570	2.527	ug/l	99
83) tert-Butylbenzene	10.789	119	70404	2.636	ug/l	98
84) 1,2,4-Trimethylbenzene	10.844	105	54316	2.295	ug/l	96
85) sec-Butylbenzene	11.011	105	80662	2.547	ug/l	100
86) p-Isopropyltoluene	11.169	119	67653	2.476	ug/l	97
87) 1,3-Dichlorobenzene	11.114	146	47992	2.728	ug/l	97
88) 1,4-Dichlorobenzene	11.201	146	53891	2.809	ug/l	89
89) n-Butylbenzene	11.583	91	60958	2.501	ug/l	96
90) Hexachloroethane	11.821	117	18938	2.780	ug/l	96
91) 1,2-Dichlorobenzene	11.574	146	46225	2.685	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.355	75	6675	2.508	ug/l	97
93) 1,2,4-Trichlorobenzene	13.191	180	29261	2.678	ug/l	97
94) Hexachlorobutadiene	13.368	225	17860	3.065	ug/l	96
95) Naphthalene	13.432	128	67708	2.313	ug/l	99
96) 1,2,3-Trichlorobenzene	13.670	180	28350	2.515	ug/l	96

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LOD-MDL-WATER-01-QT4-2025

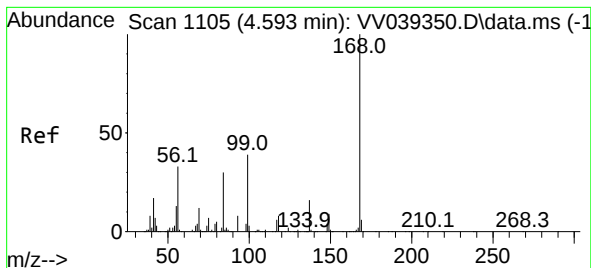
Manual Integrations
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Supervised By :Mahesh Dadoda 11/14/2025

Quant Time: Nov 14 00:21:19 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: VV039370.D

Acq: 12 Nov 2025 12:40

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion:168 Resp: 76727

Ion Ratio Lower Upper

168 100

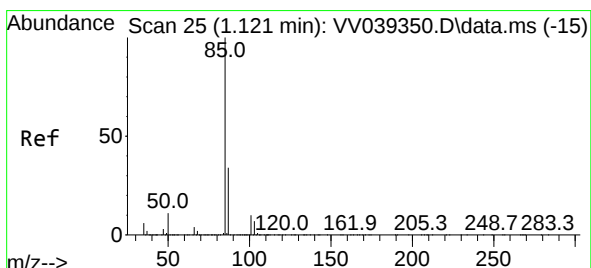
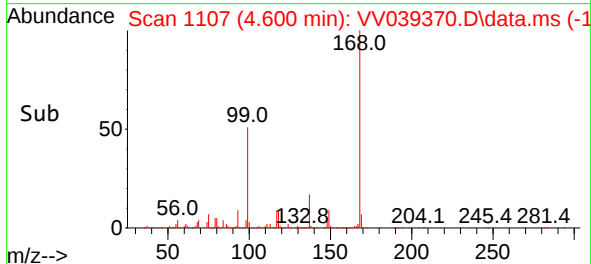
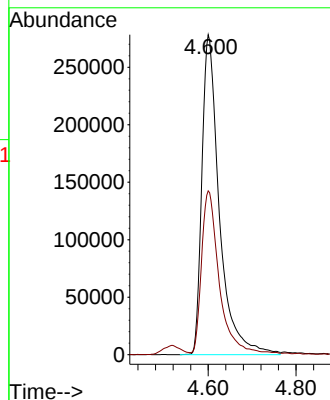
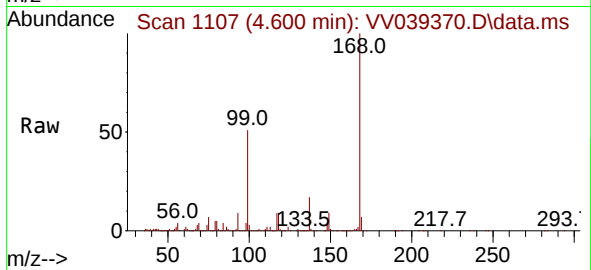
99 50.8 41.2 61.8

Manual Integrations

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Supervised By :Mahesh Dadoda 11/14/2025



#2

Dichlorodifluoromethane

Concen: 3.086 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039370.D

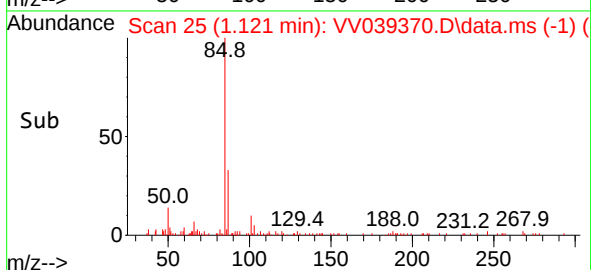
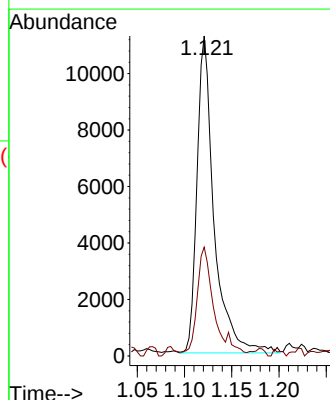
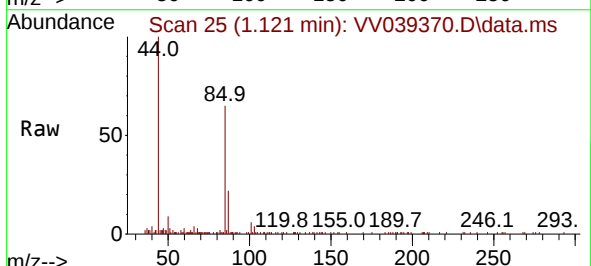
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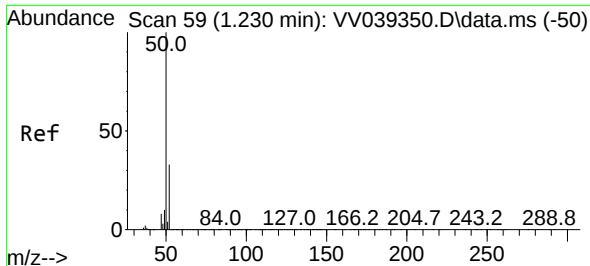
Tgt Ion: 85 Resp: 14135

Ion Ratio Lower Upper

85 100

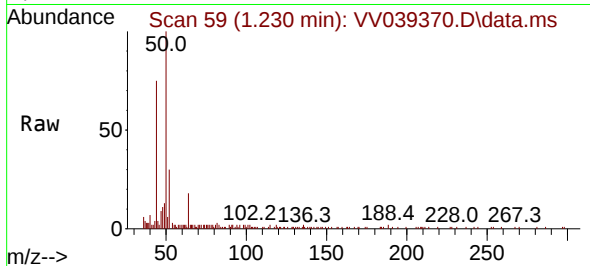
87 33.1 16.9 50.7





#3
Chloromethane
Concen: 3.276 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

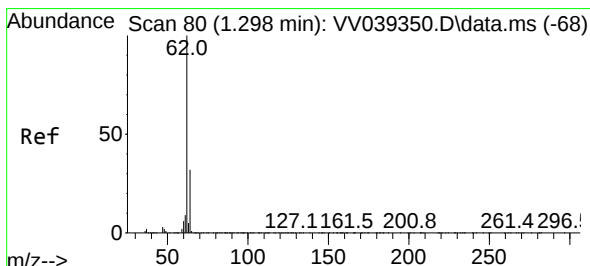
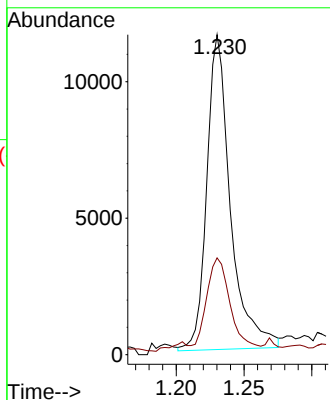
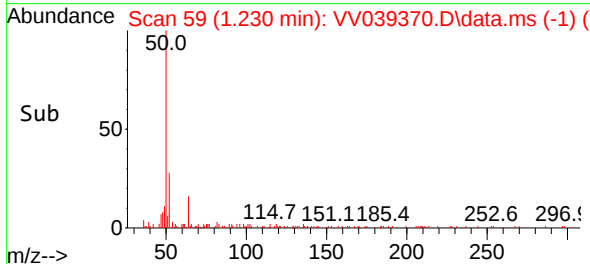
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



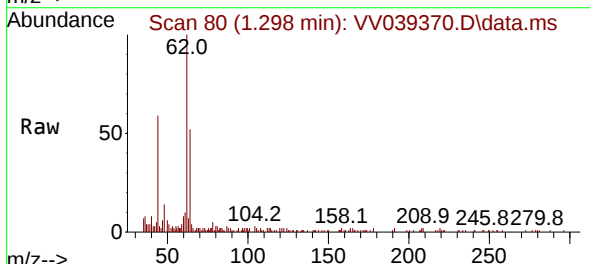
Tgt Ion: 50 Resp: 14004
Ion Ratio Lower Upper
50 100
52 28.5 26.6 39.8

Manual Integrations
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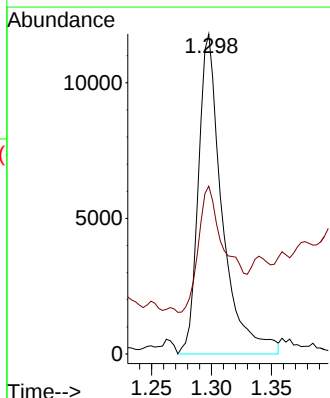
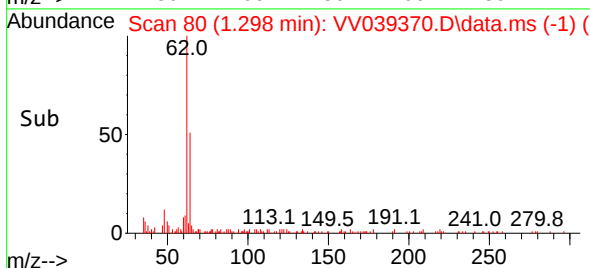
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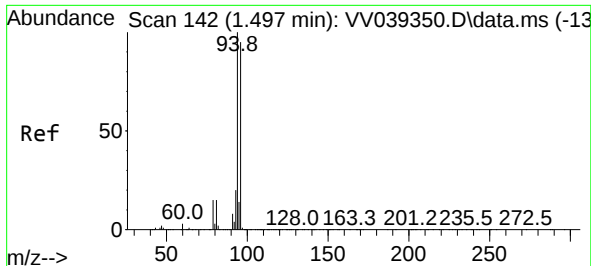


#4
Vinyl Chloride
Concen: 3.097 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40



Tgt Ion: 62 Resp: 16333
Ion Ratio Lower Upper
62 100
64 39.5 25.3 37.9#





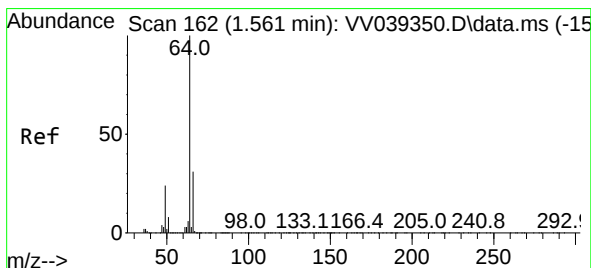
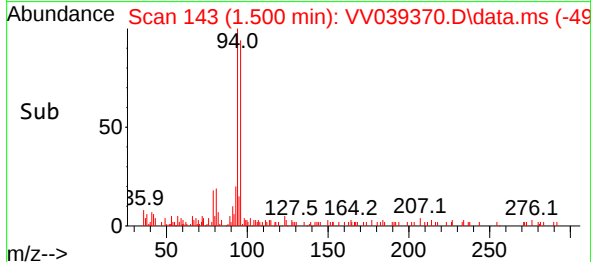
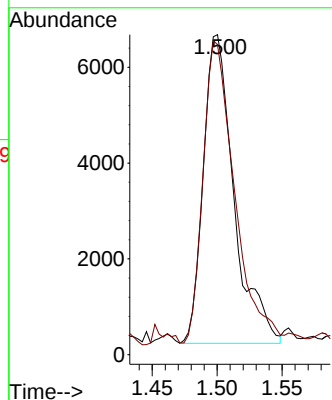
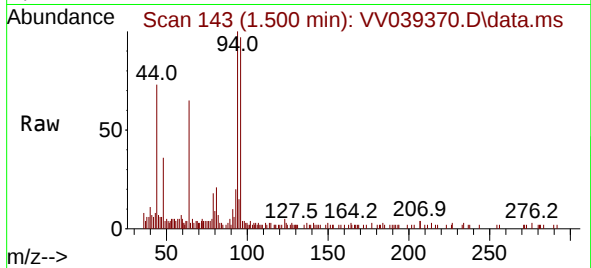
#5
Bromomethane
Concen: 3.374 ug/l
RT: 1.500 min Scan# 142
Delta R.T. 0.003 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 94 Resp: 1059
Ion Ratio Lower Upper
94 100
96 96.7 75.6 113.4

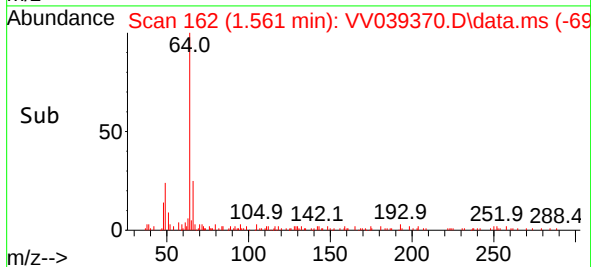
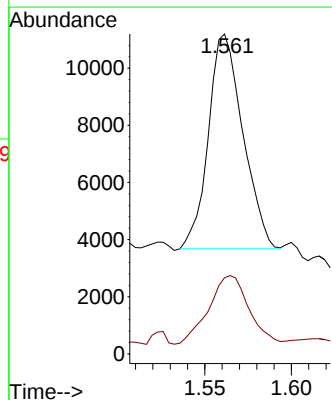
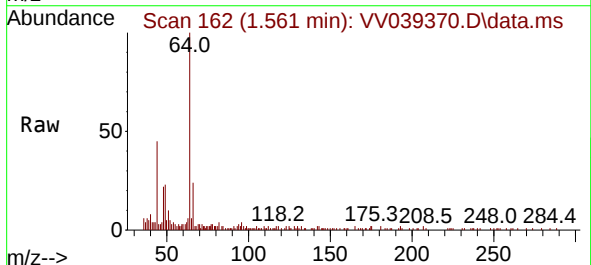
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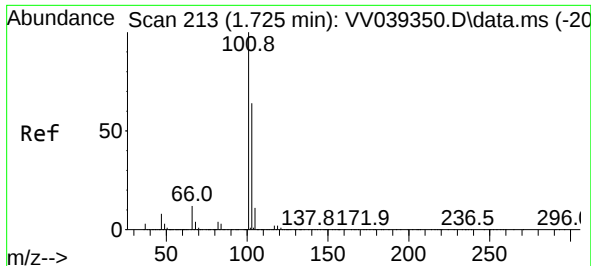
Reviewed By :John Carlone 11/14/2025
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#6
Chloroethane
Concen: 2.681 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.000 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion: 64 Resp: 10440
Ion Ratio Lower Upper
64 100
66 30.4 24.7 37.1





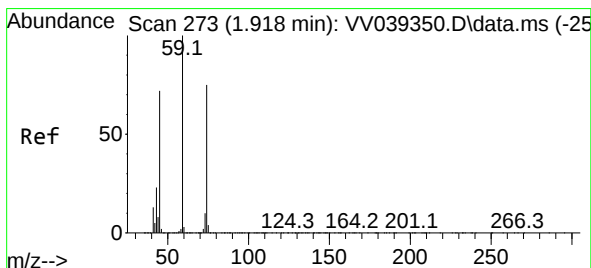
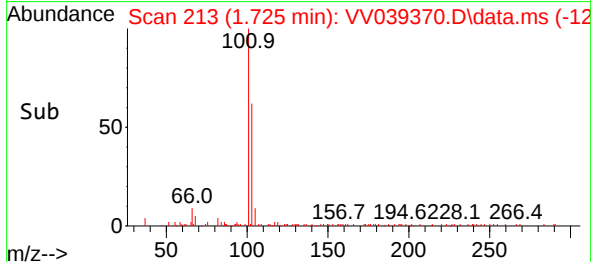
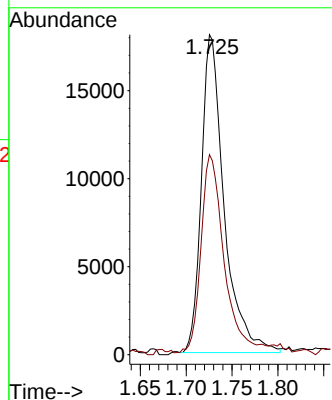
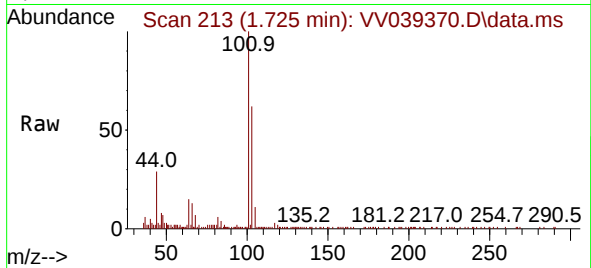
#7
Trichlorofluoromethane
Concen: 2.902 ug/l
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 101 Resp: 31168
Ion Ratio Lower Upper
101 100
103 62.2 50.9 76.3

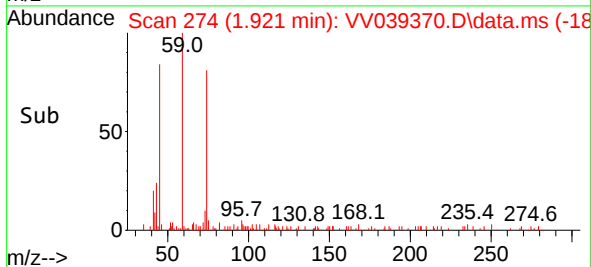
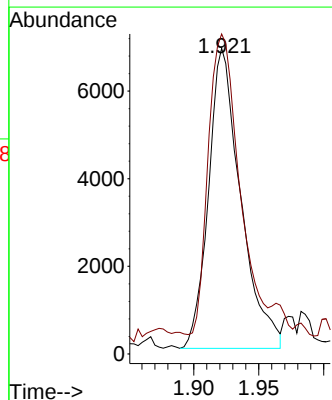
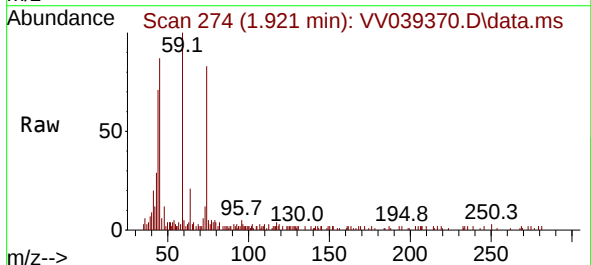
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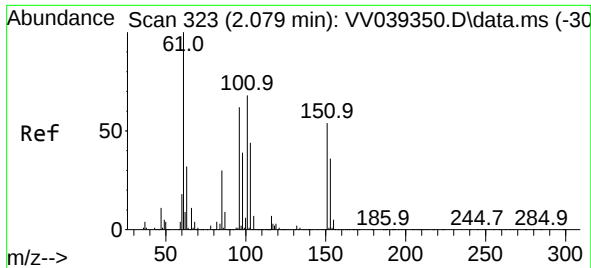
Reviewed By : John Carlone 11/14/2025
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#8
Diethyl Ether
Concen: 2.882 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.003 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion: 74 Resp: 11804
Ion Ratio Lower Upper
74 100
45 96.4 50.6 151.8





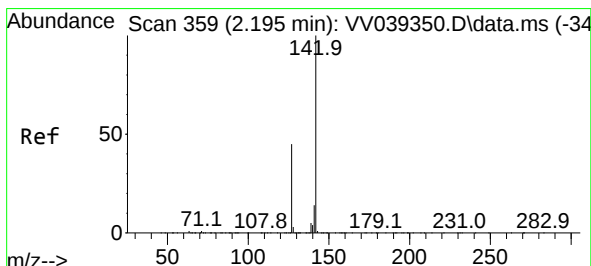
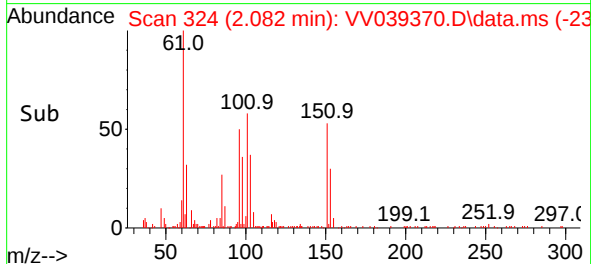
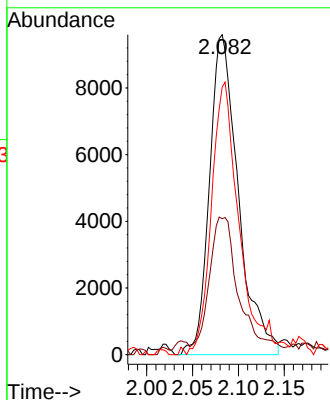
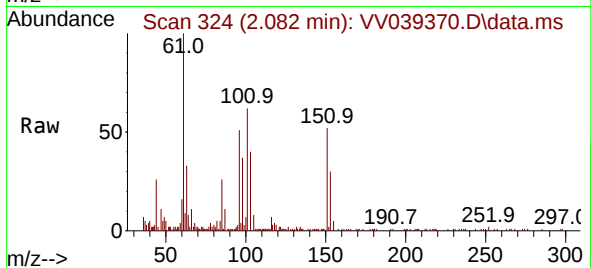
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.978 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion:101 Resp: 21028
Ion Ratio Lower Upper
101 100
85 41.3 33.5 50.3
151 81.0 63.6 95.4

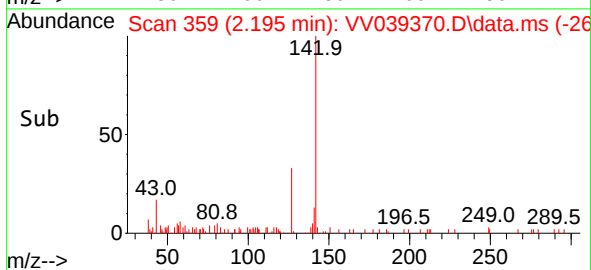
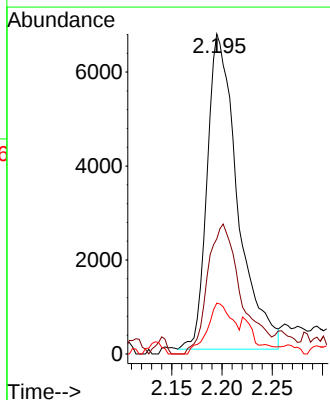
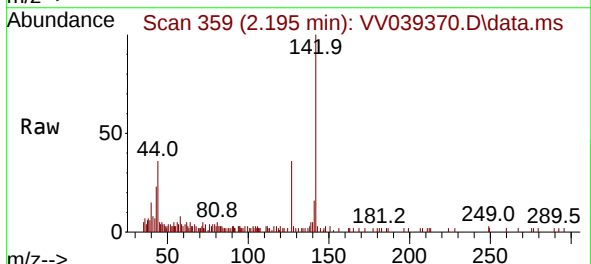
Manual Integrations
APPROVED

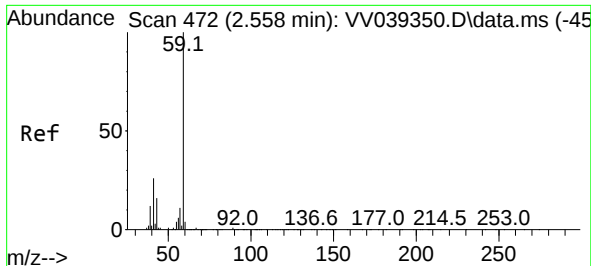
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#10
Methyl Iodide
Concen: 3.257 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion:142 Resp: 14164
Ion Ratio Lower Upper
142 100
127 45.4 35.1 52.7
141 13.5 11.9 17.9





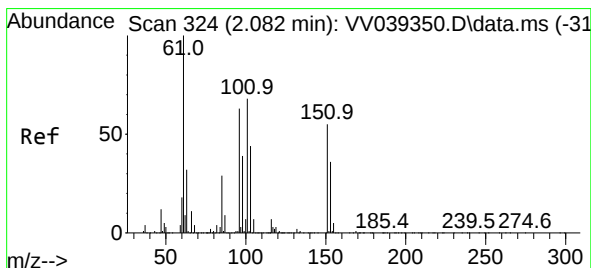
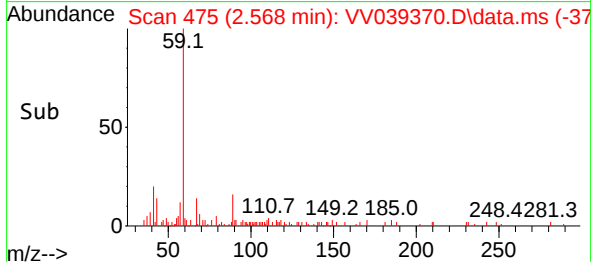
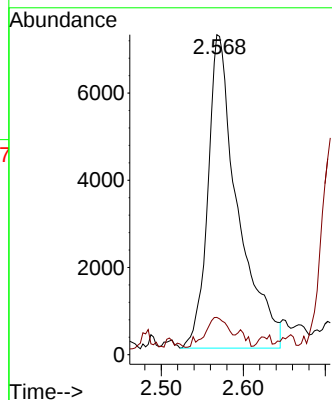
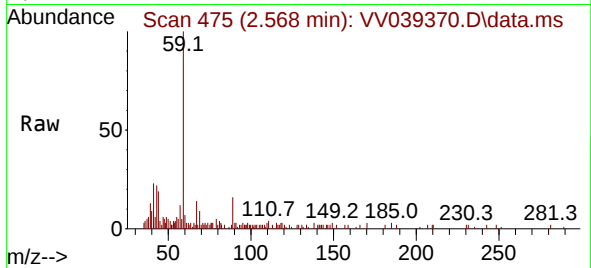
#11
Tert butyl alcohol
Concen: 17.937 ug/l
RT: 2.568 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 59 Resp: 18189
Ion Ratio Lower Upper
59 100
57 7.5 8.0 12.0

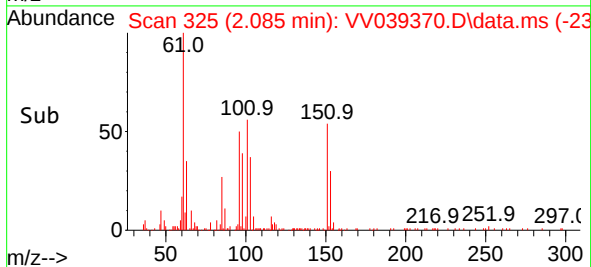
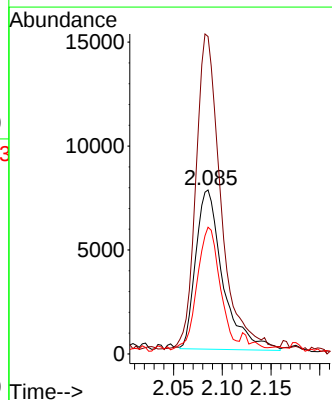
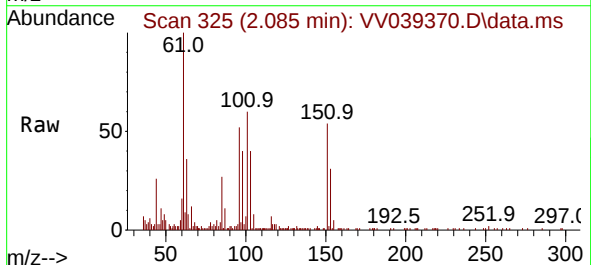
Manual Integrations
APPROVED

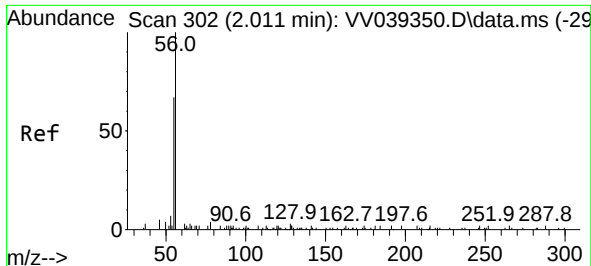
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#12
1,1-Dichloroethene
Concen: 2.656 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

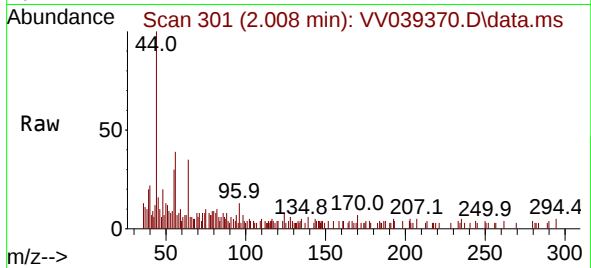
Tgt Ion: 96 Resp: 14835
Ion Ratio Lower Upper
96 100
61 195.5 127.8 191.6#
98 75.6 50.2 75.2#





#13
Acrolein
Concen: 24.260 ug/l
RT: 2.008 min Scan# 302
Delta R.T. -0.003 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

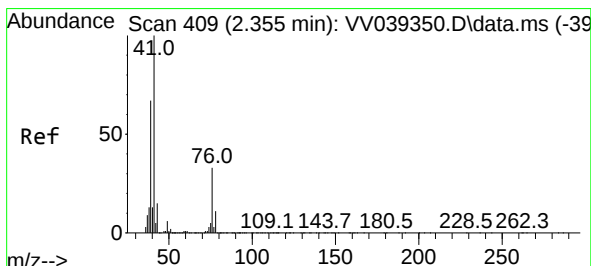
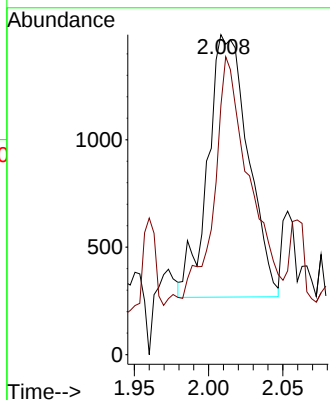
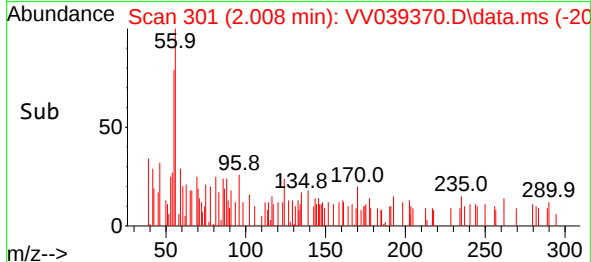
Instrument : MSVOA_V
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 56 Resp: 2308
Ion Ratio Lower Upper
56 100
55 79.2 55.2 82.8

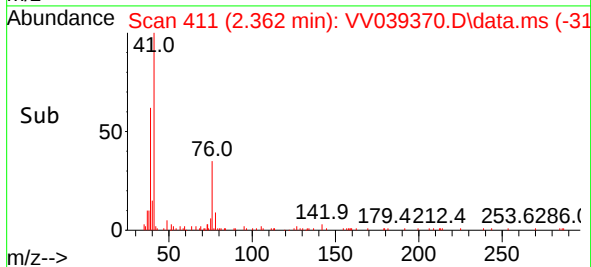
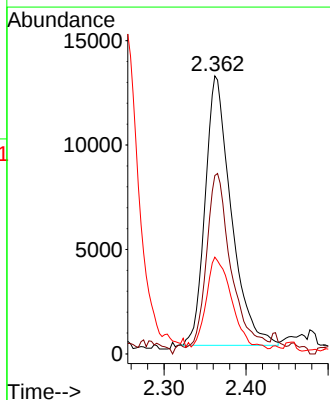
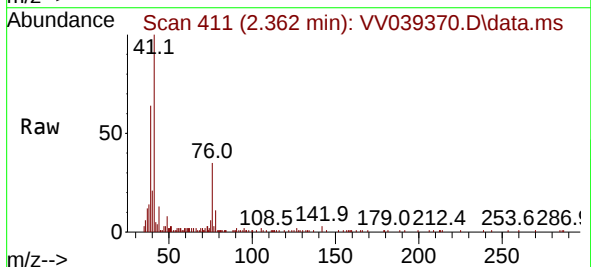
Manual Integrations
APPROVED

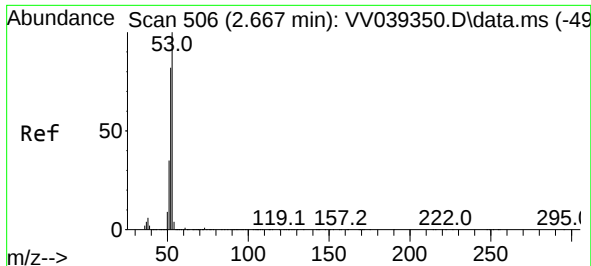
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#14
Allyl chloride
Concen: 2.851 ug/l
RT: 2.362 min Scan# 411
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

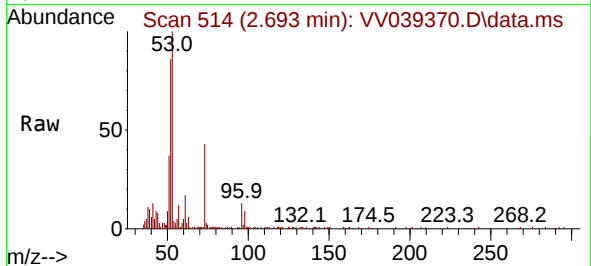
Tgt Ion: 41 Resp: 28378
Ion Ratio Lower Upper
41 100
39 64.1 50.7 76.1
76 33.9 27.0 40.6





#15
Acrylonitrile
Concen: 13.665 ug/l
RT: 2.693 min Scan# 514
Delta R.T. 0.026 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

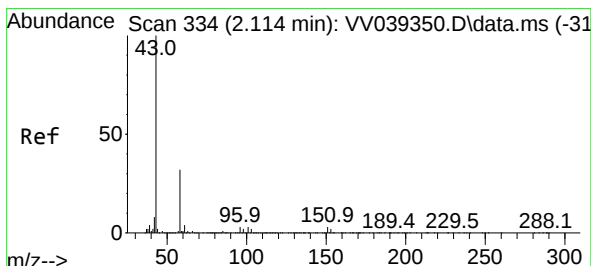
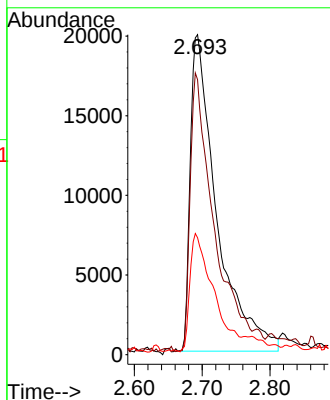
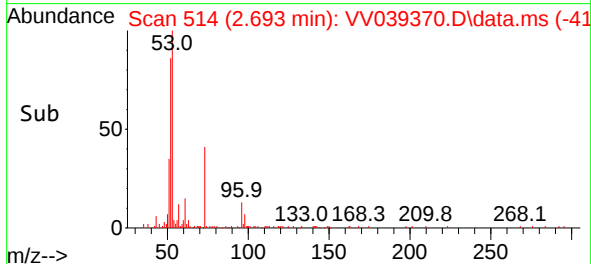
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 53 Resp: 53782
Ion Ratio Lower Upper
53 100
52 79.1 65.2 97.8
51 33.2 28.4 42.6

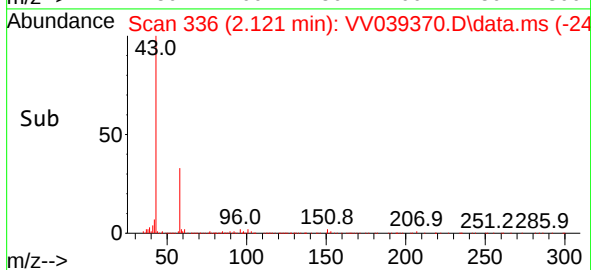
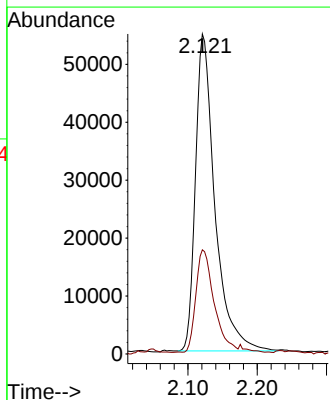
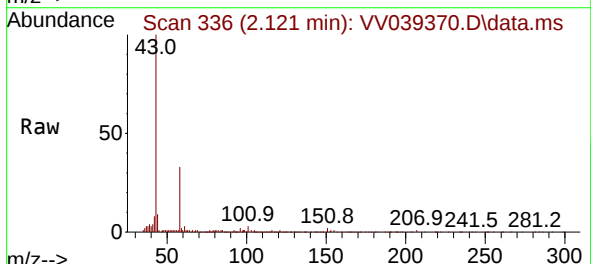
Manual Integrations
APPROVED

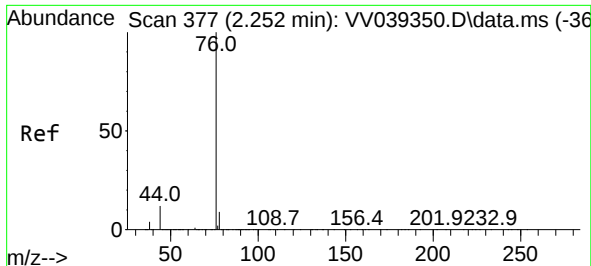
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#16
Acetone
Concen: 21.317 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion: 43 Resp: 106760
Ion Ratio Lower Upper
43 100
58 32.2 25.5 38.3





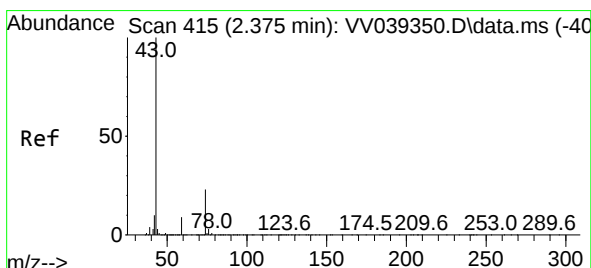
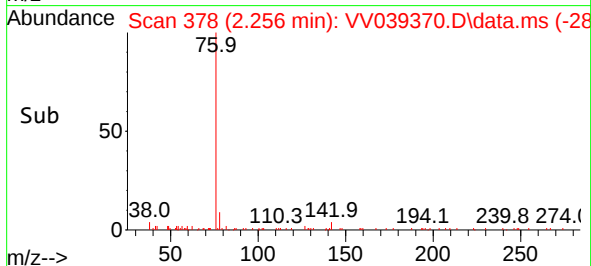
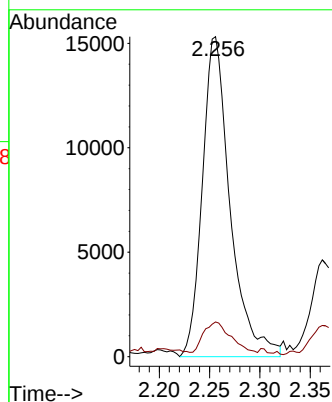
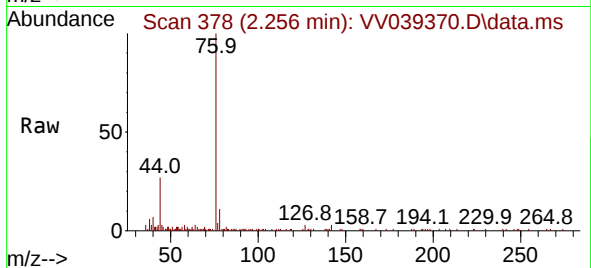
#17
Carbon Disulfide
Concen: 3.332 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 76 Resp: 29419
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

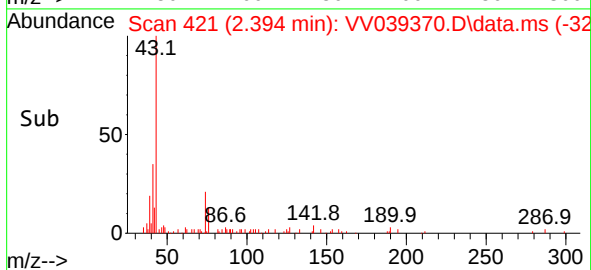
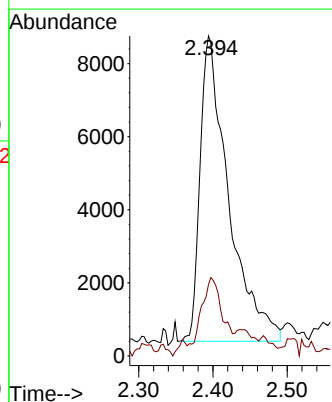
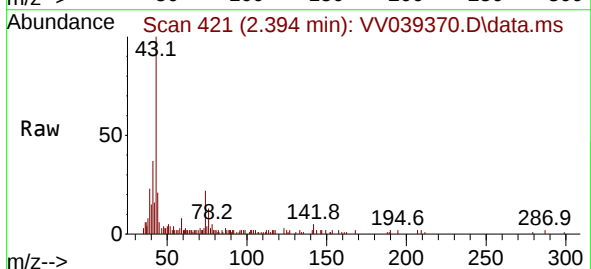
Manual Integrations
APPROVED

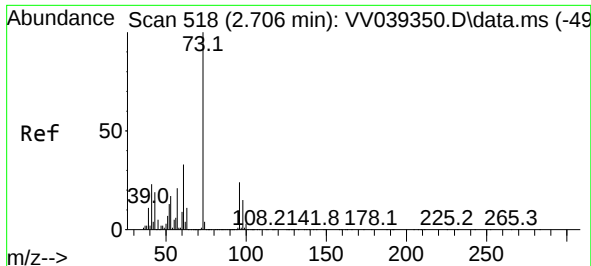
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#18
Methyl Acetate
Concen: 1.663 ug/l
RT: 2.394 min Scan# 421
Delta R.T. 0.019 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion: 43 Resp: 22302
Ion Ratio Lower Upper
43 100
74 14.4 18.9 28.3#





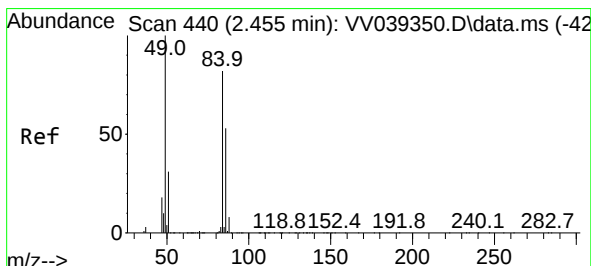
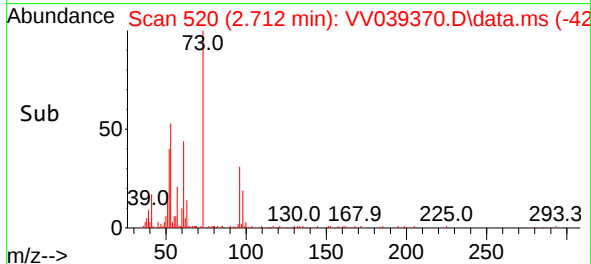
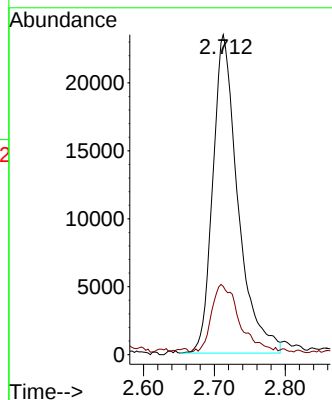
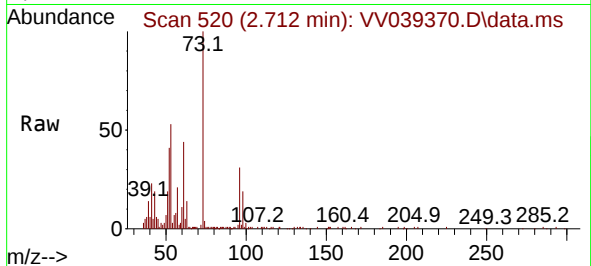
#19
Methyl tert-butyl Ether
Concen: 2.749 ug/l
RT: 2.712 min Scan# 518
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 73 Resp: 57734
Ion Ratio Lower Upper
73 100
57 20.0 17.0 25.6

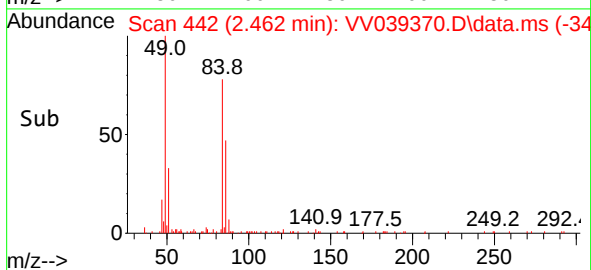
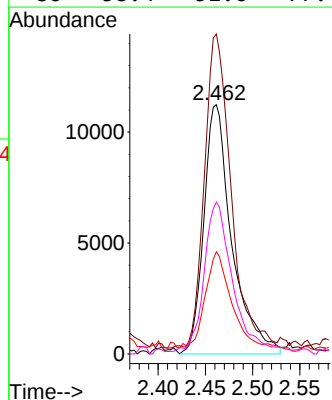
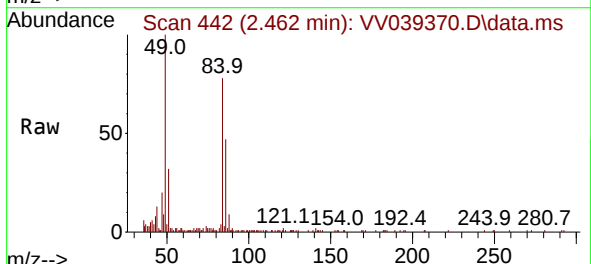
Manual Integrations
APPROVED

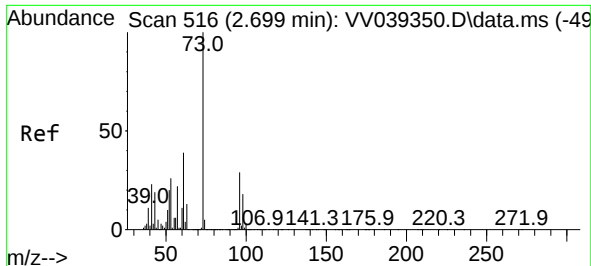
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#20
Methylene Chloride
Concen: 3.004 ug/l
RT: 2.462 min Scan# 442
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion: 84 Resp: 23228
Ion Ratio Lower Upper
84 100
49 125.1 97.8 146.8
51 38.5 30.2 45.4
86 58.4 51.6 77.4





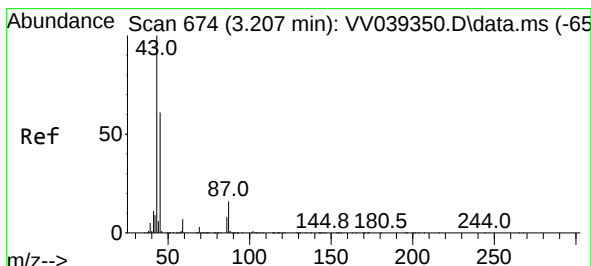
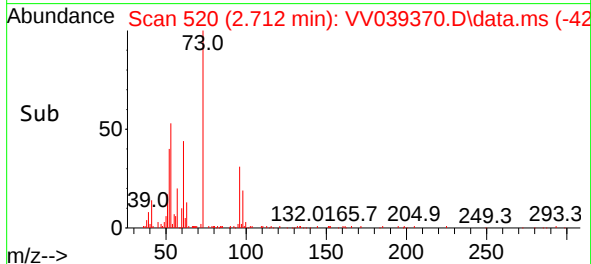
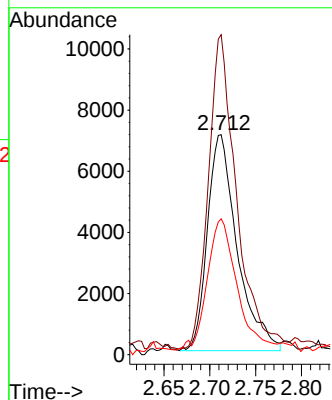
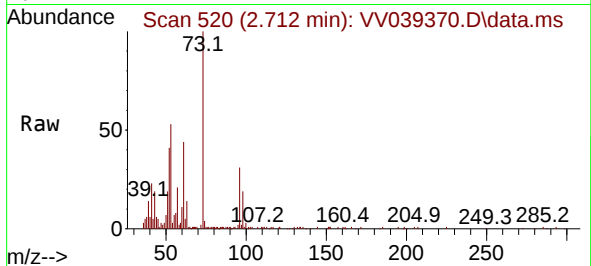
#21
trans-1,2-Dichloroethene
Concen: 2.885 ug/l
RT: 2.712 min Scan# 516
Delta R.T. 0.013 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 96 Resp: 1598
Ion Ratio Lower Upper
96 100
61 145.6 108.9 163.3
98 59.8 51.7 77.5

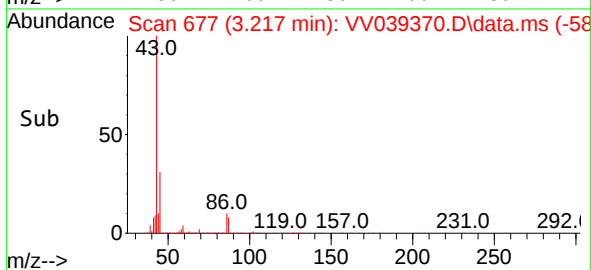
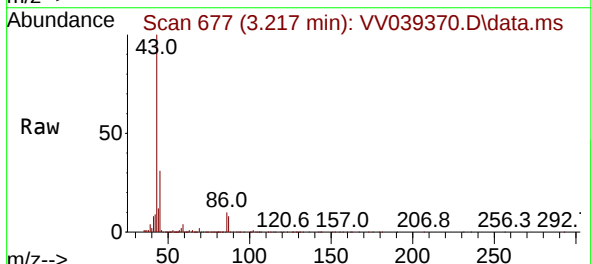
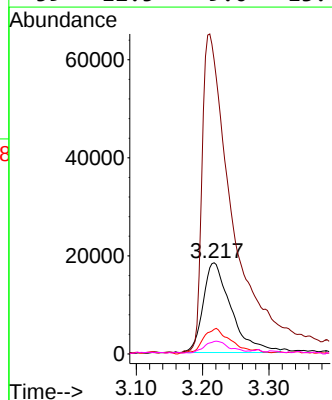
Manual Integrations
APPROVED

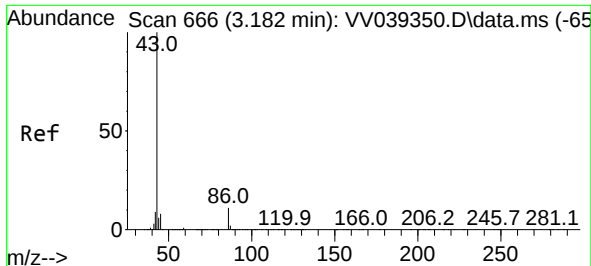
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#22
Diisopropyl ether
Concen: 2.490 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.010 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion: 45 Resp: 53832
Ion Ratio Lower Upper
45 100
43 326.1 132.1 198.1#
87 26.7 21.8 32.6
59 12.5 9.0 13.4





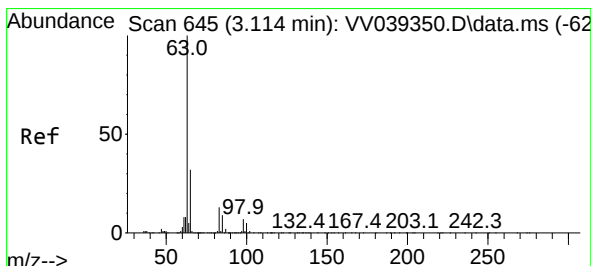
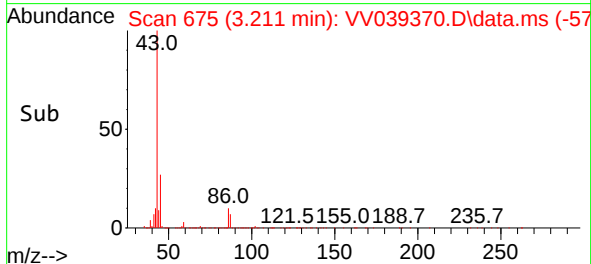
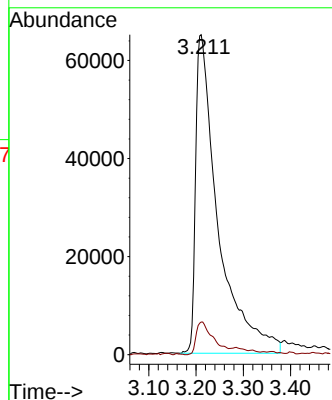
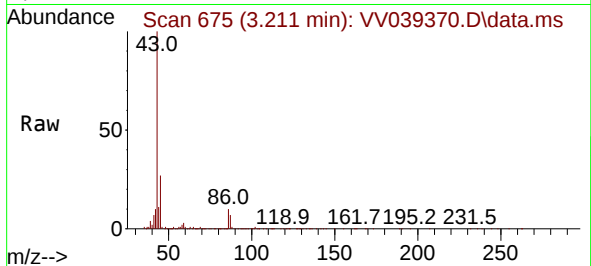
#23
 Vinyl Acetate
 Concen: 14.007 ug/l
 RT: 3.211 min Scan# 611
 Delta R.T. 0.029 min
 Lab File: VV039370.D
 Acq: 12 Nov 2025 12:40

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

Tgt Ion: 43 Resp: 213910
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.6 12.8

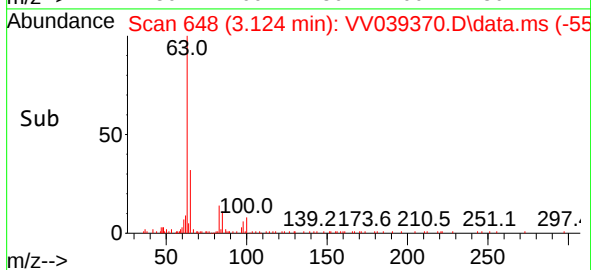
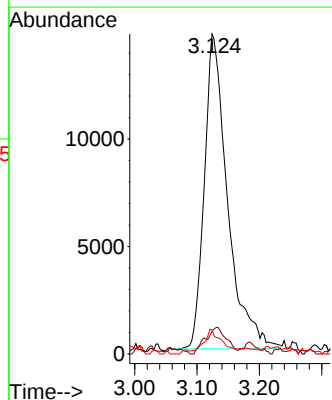
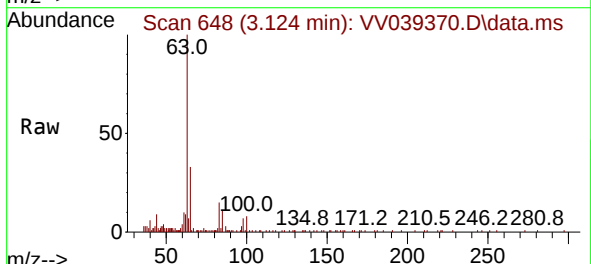
Manual Integrations
 APPROVED

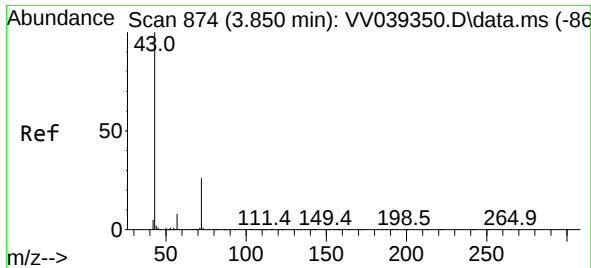
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#24
 1,1-Dichloroethane
 Concen: 2.892 ug/l
 RT: 3.124 min Scan# 648
 Delta R.T. 0.010 min
 Lab File: VV039370.D
 Acq: 12 Nov 2025 12:40

Tgt Ion: 63 Resp: 38028
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.5
 100 7.7 2.3 6.9#





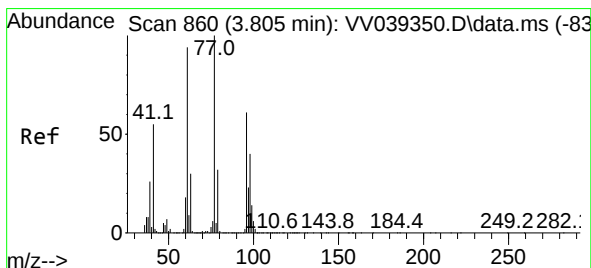
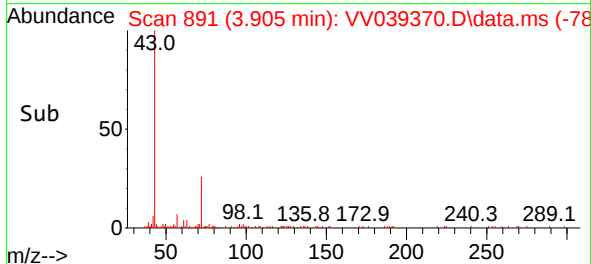
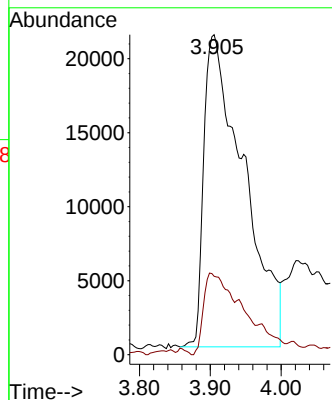
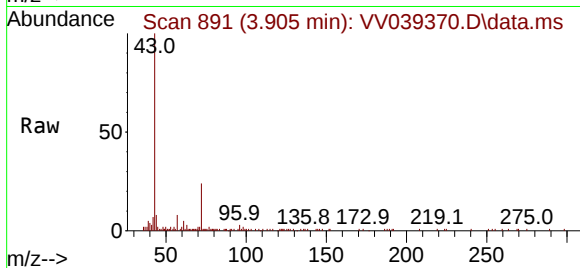
#25
2-Butanone
Concen: 15.717 ug/l
RT: 3.905 min Scan# 891
Delta R.T. 0.055 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 43 Resp: 8213
Ion Ratio Lower Upper
43 100
72 23.1 20.5 30.7

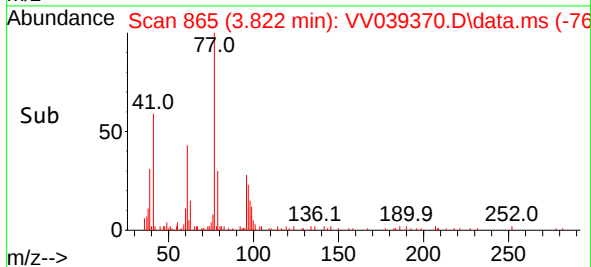
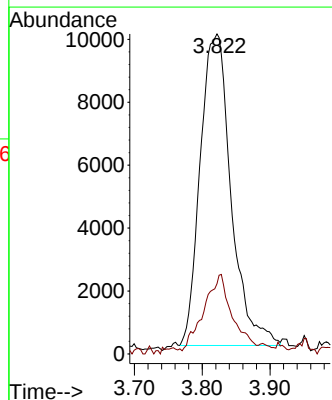
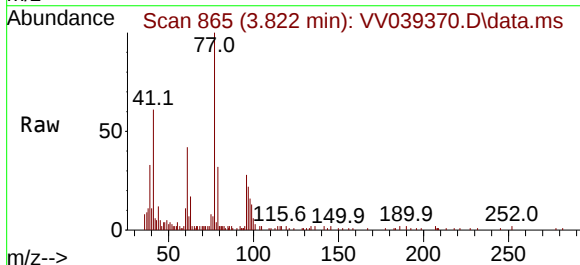
Manual Integrations
APPROVED

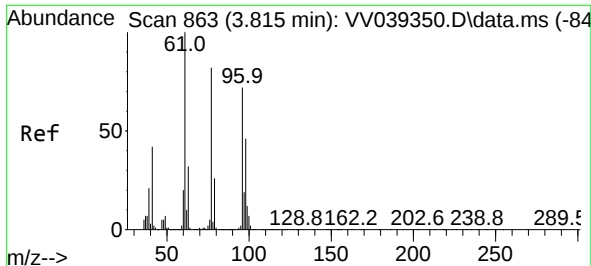
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#26
2,2-Dichloropropane
Concen: 2.832 ug/l
RT: 3.822 min Scan# 865
Delta R.T. 0.016 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

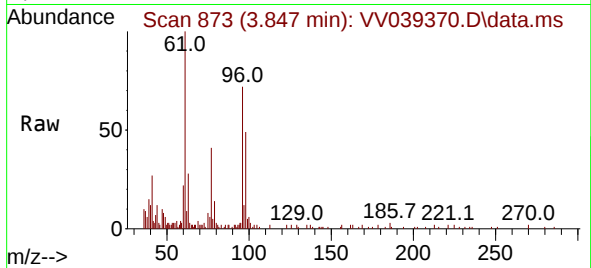
Tgt Ion: 77 Resp: 31316
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 2.499 ug/l
 RT: 3.847 min Scan# 81
 Delta R.T. 0.032 min
 Lab File: VV039370.D
 Acq: 12 Nov 2025 12:40

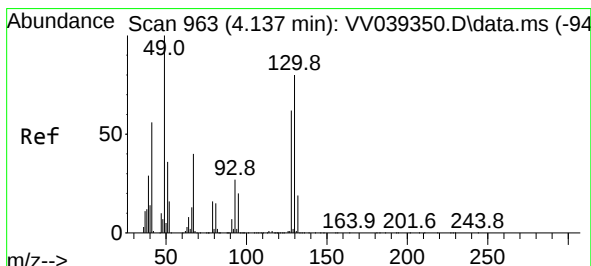
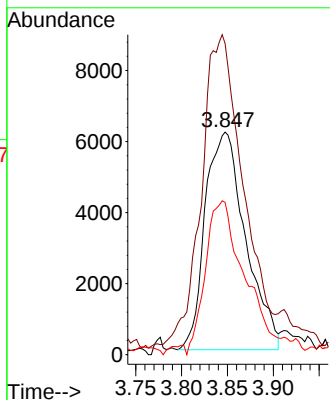
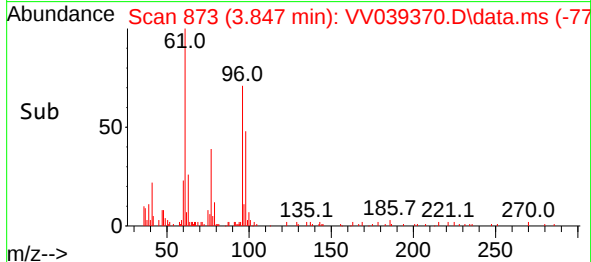
Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 96 Resp: 18800
 Ion Ratio Lower Upper
 96 100
 61 149.3 0.0 287.8
 98 71.7 0.0 129.6

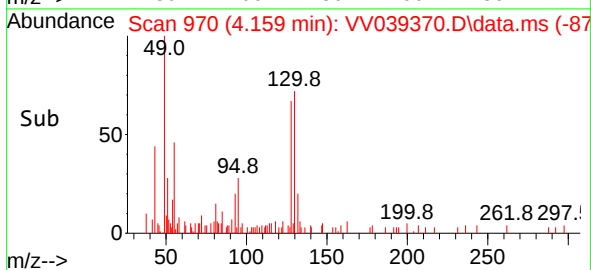
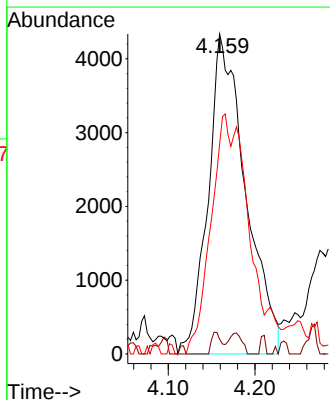
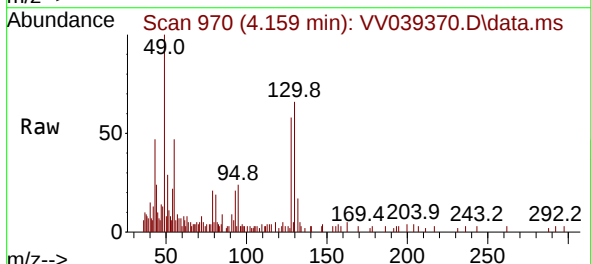
Manual Integrations
 APPROVED

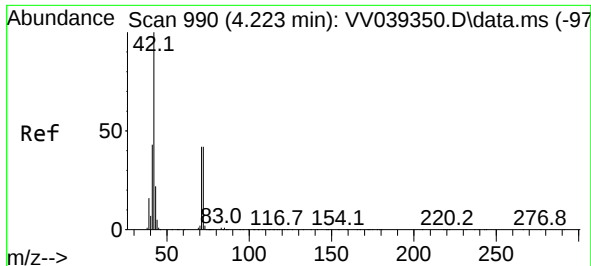
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#28
 Bromochloromethane
 Concen: 2.258 ug/l
 RT: 4.159 min Scan# 970
 Delta R.T. 0.023 min
 Lab File: VV039370.D
 Acq: 12 Nov 2025 12:40

Tgt Ion: 49 Resp: 12986
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 2.0
 130 39.8 67.9 101.9#





#29

Tetrahydrofuran

Concen: 11.856 ug/l

RT: 4.256 min Scan# 1000

Delta R.T. 0.032 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

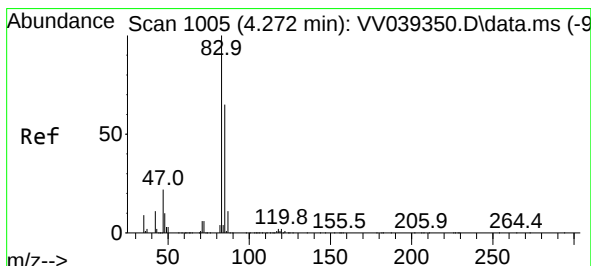
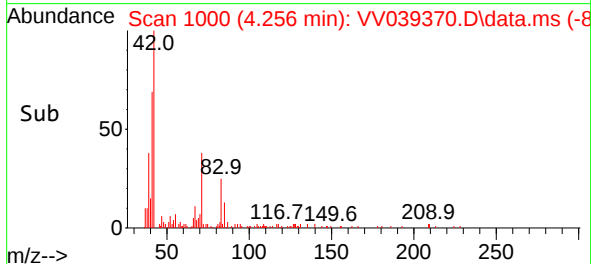
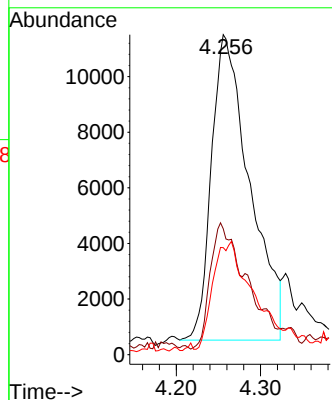
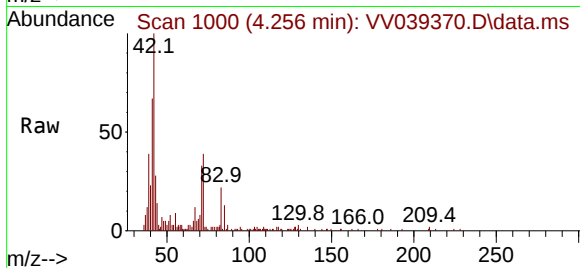
Tgt Ion: 42 Resp: 34680
 Ion Ratio Lower Upper
 42 100
 72 39.7 35.3 52.9
 71 36.4 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#30

Chloroform

Concen: 2.893 ug/l

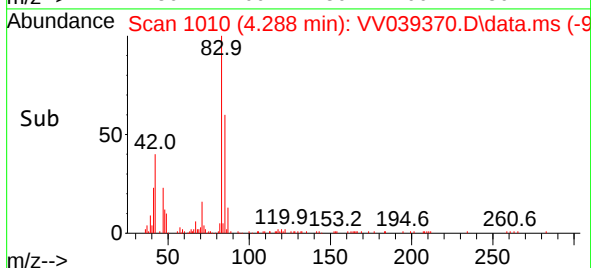
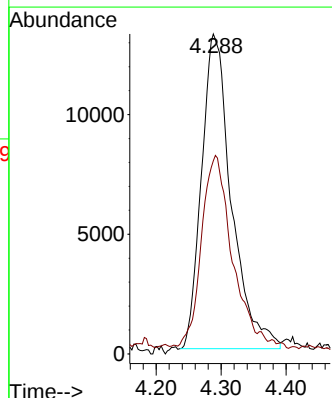
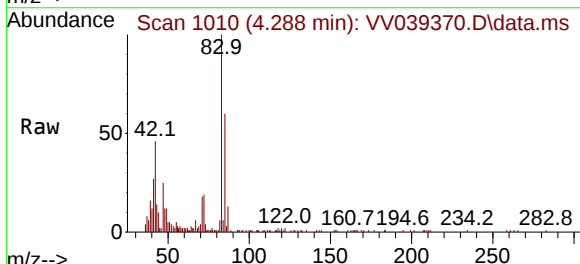
RT: 4.288 min Scan# 1010

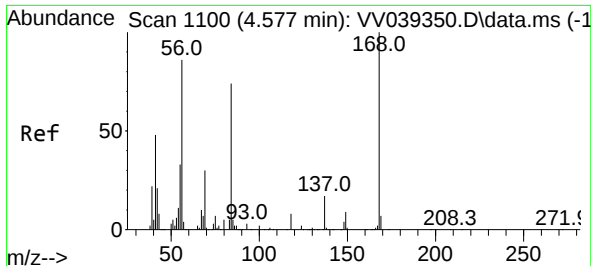
Delta R.T. 0.016 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

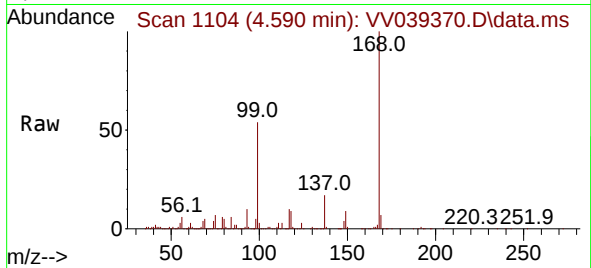
Tgt Ion: 83 Resp: 42004
 Ion Ratio Lower Upper
 83 100
 85 58.3 51.8 77.8





#31
Cyclohexane
Concen: 4.127 ug/l
RT: 4.590 min Scan# 1100
Delta R.T. 0.013 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

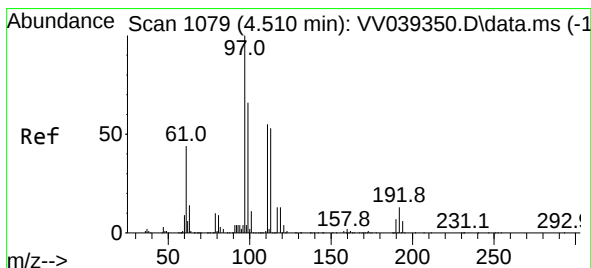
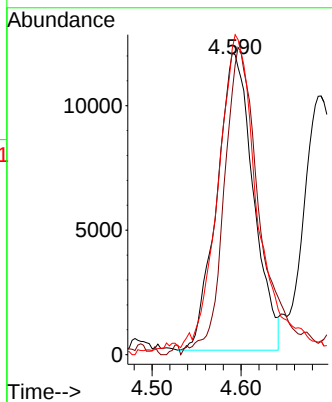
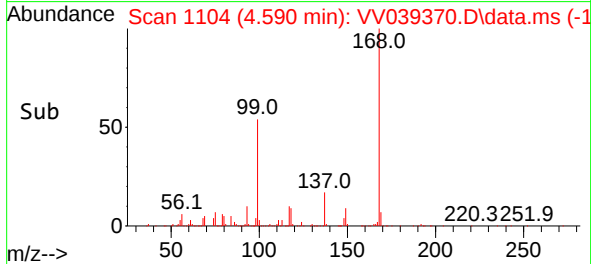
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



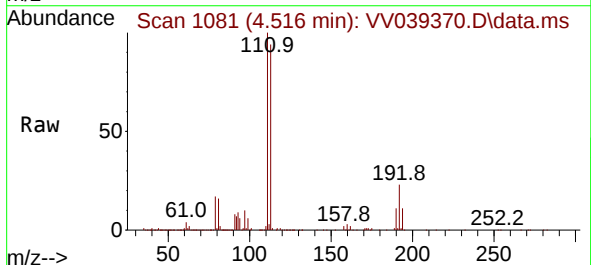
Tgt Ion: 56 Resp: 3396
Ion Ratio Lower Upper
56 100
69 85.4 27.7 41.5
84 100.2 69.4 104.2

Manual Integrations
APPROVED

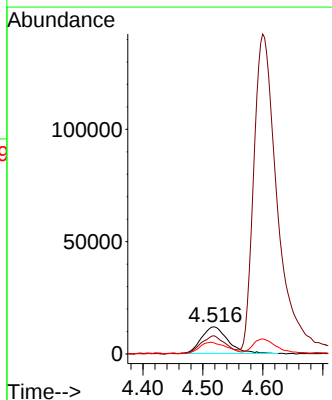
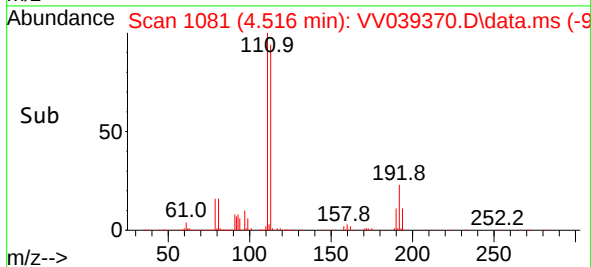
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

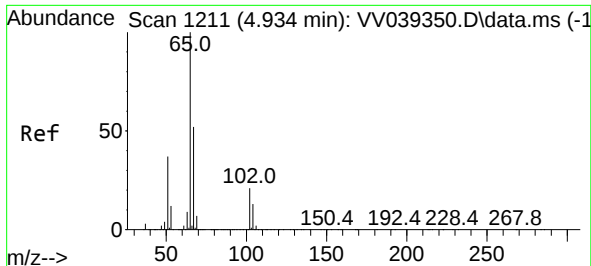


#32
1,1,1-Trichloroethane
Concen: 3.022 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40



Tgt Ion: 97 Resp: 36699
Ion Ratio Lower Upper
97 100
99 60.7 49.9 74.9
61 43.2 33.9 50.9





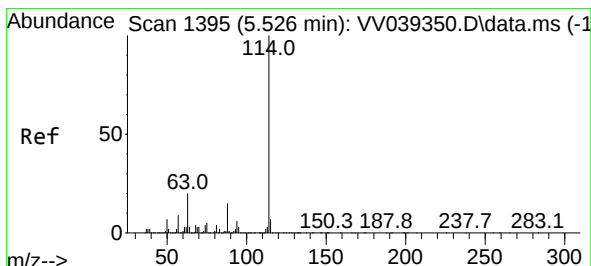
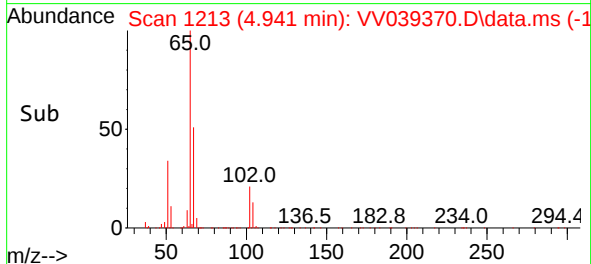
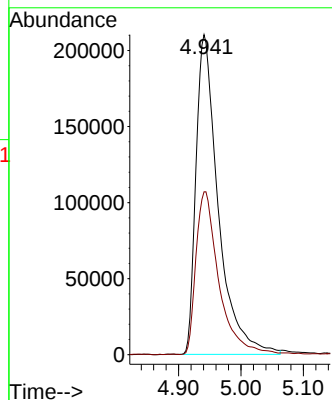
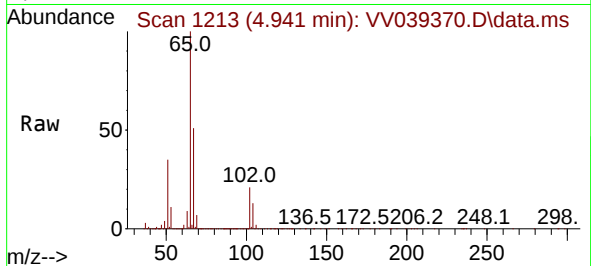
#33
1,2-Dichloroethane-d4
Concen: 55.109 ug/l
RT: 4.941 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 65 Resp: 52164
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

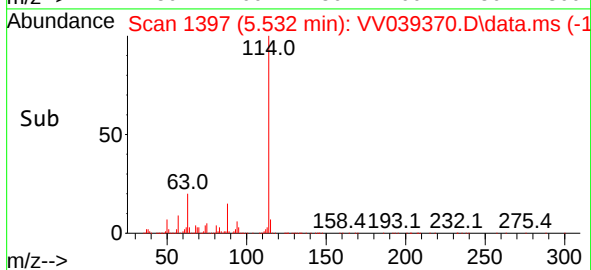
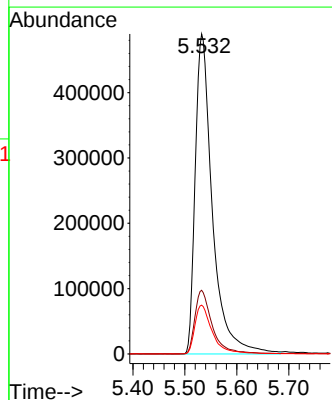
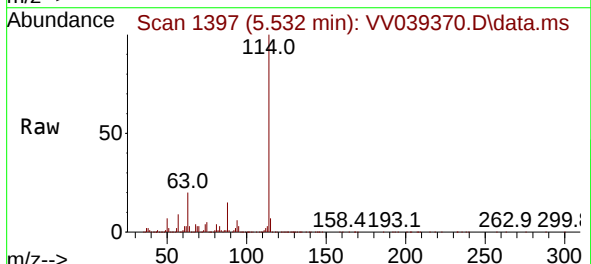
Manual Integrations
APPROVED

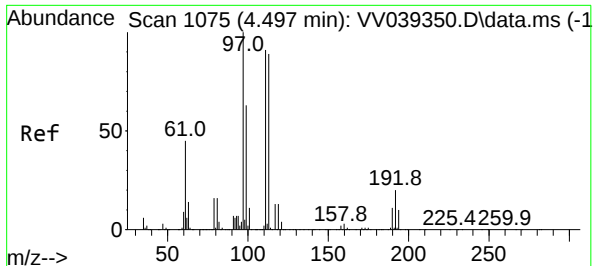
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion:114 Resp: 1124227
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.6
88 15.2 0.0 30.2





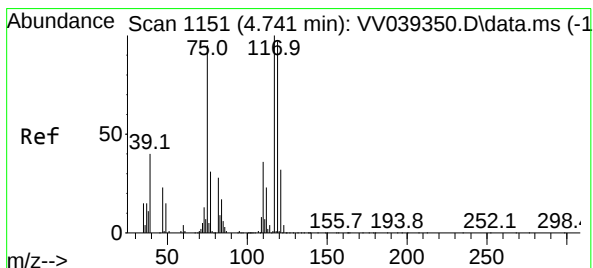
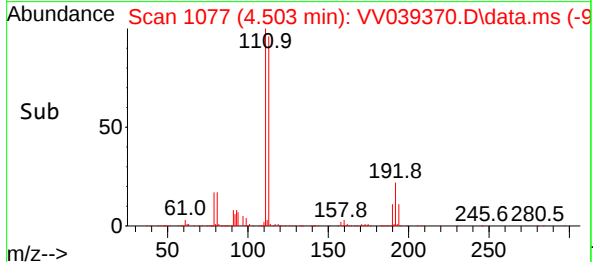
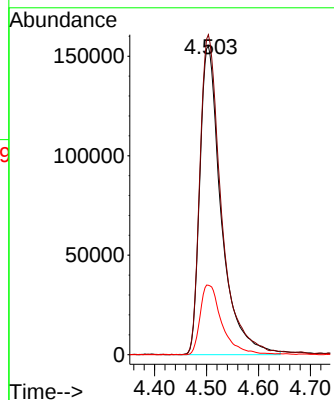
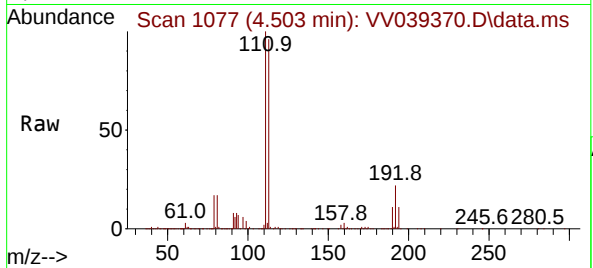
#35
Dibromofluoromethane
Concen: 51.253 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion:113 Resp: 441939
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 23.0 17.8 26.8

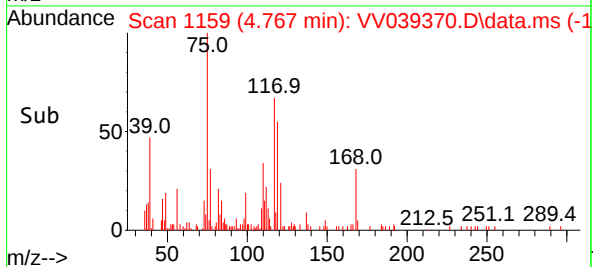
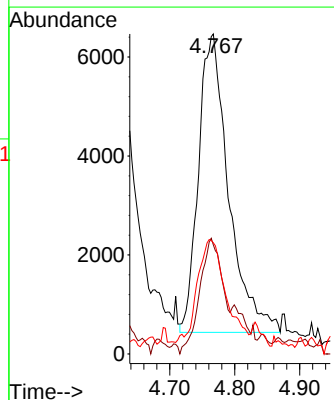
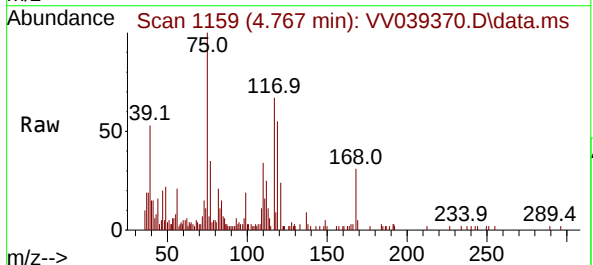
Manual Integrations
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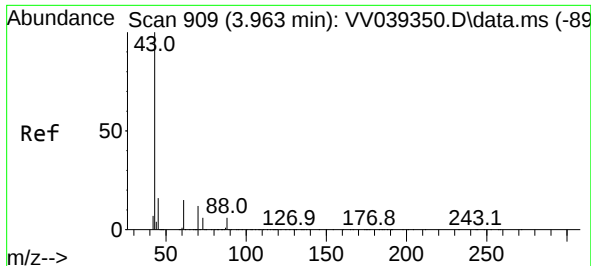
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#36
1,1-Dichloropropene
Concen: 2.620 ug/l
RT: 4.767 min Scan# 1159
Delta R.T. 0.026 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion: 75 Resp: 19455
Ion Ratio Lower Upper
75 100
110 29.6 18.1 54.4
77 29.8 24.0 36.0





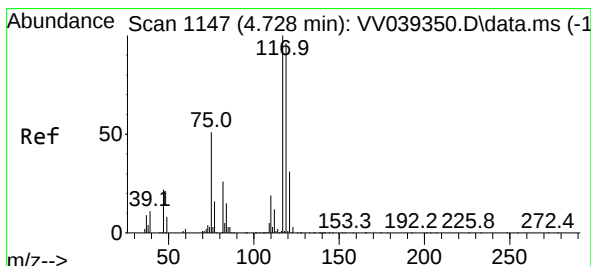
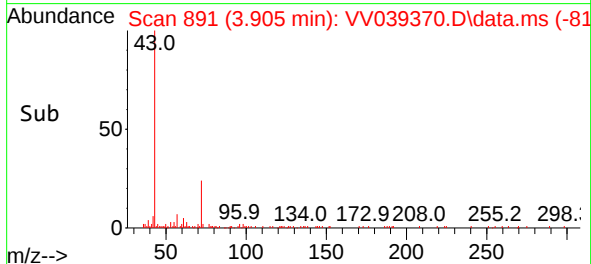
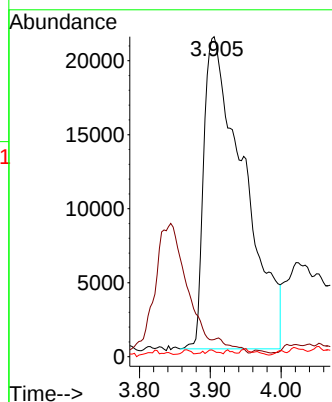
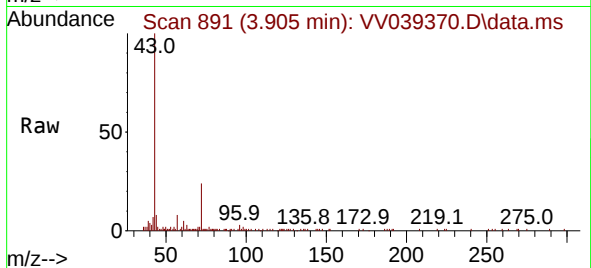
#37
Ethyl Acetate
Concen: 7.199 ug/l
RT: 3.905 min Scan# 891
Delta R.T. -0.058 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 43 Resp: 8213
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9
70 0.3 7.0 10.4

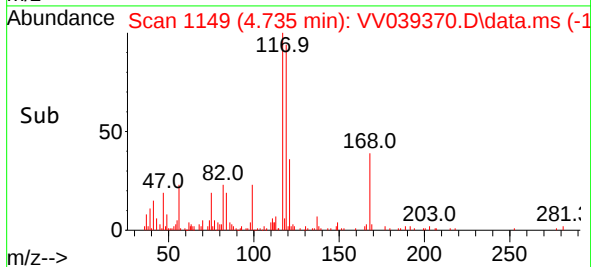
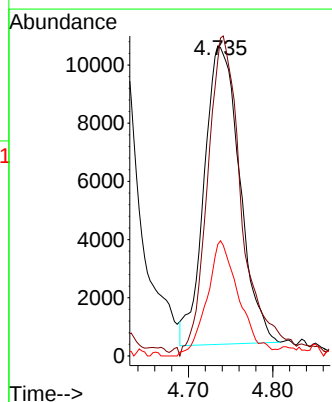
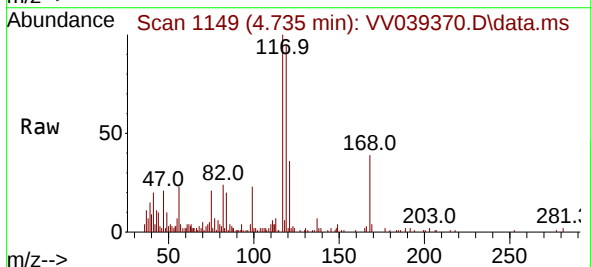
Manual Integrations
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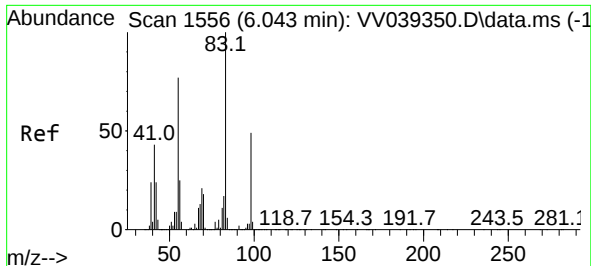
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#38
Carbon Tetrachloride
Concen: 2.721 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

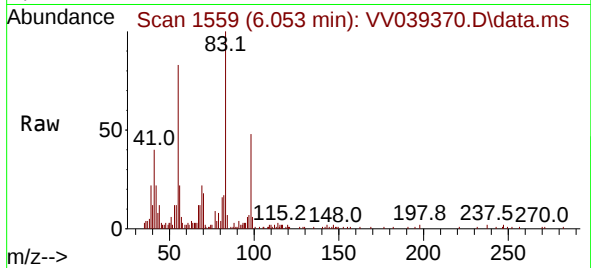
Tgt Ion:117 Resp: 30022
Ion Ratio Lower Upper
117 100
119 99.9 76.1 114.1
121 36.4 25.0 37.4





#39
Methylcyclohexane
Concen: 2.694 ug/l
RT: 6.053 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

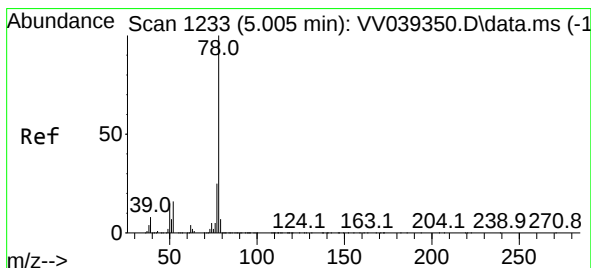
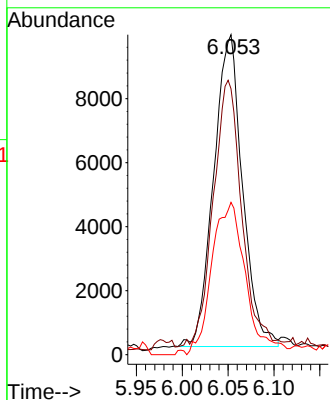
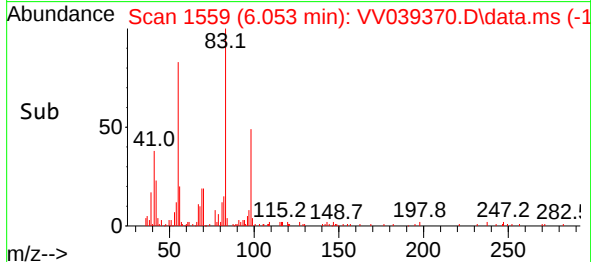
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



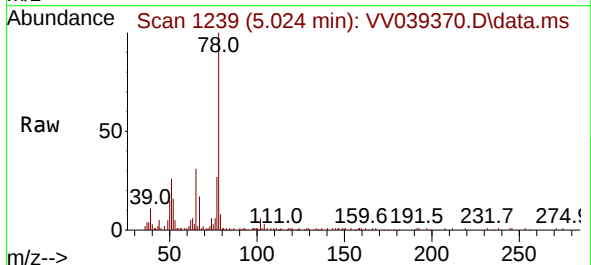
Tgt Ion: 83 Resp: 21304
Ion Ratio Lower Upper
83 100
55 82.7 61.3 91.9
98 47.5 39.0 58.6

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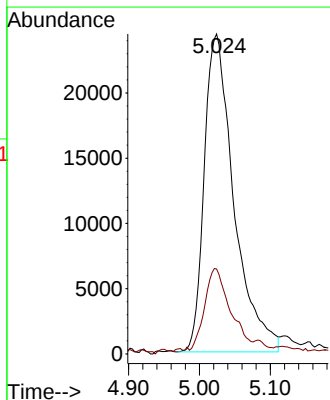
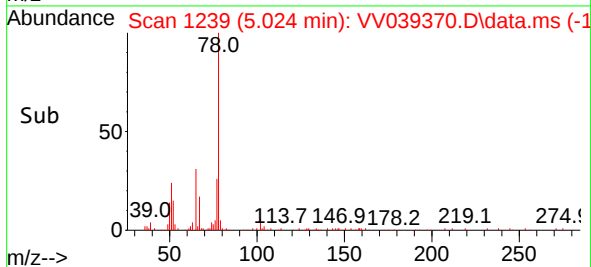
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

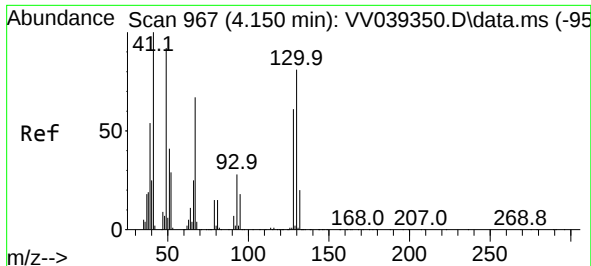


#40
Benzene
Concen: 2.729 ug/l
RT: 5.024 min Scan# 1239
Delta R.T. 0.019 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40



Tgt Ion: 78 Resp: 70881
Ion Ratio Lower Upper
78 100
77 25.2 19.6 29.4





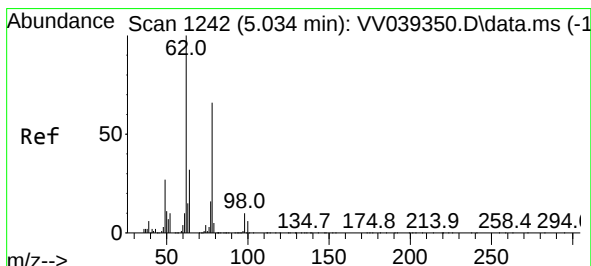
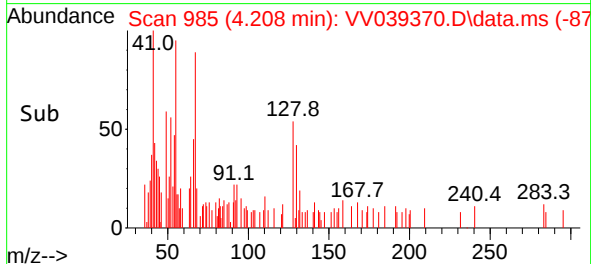
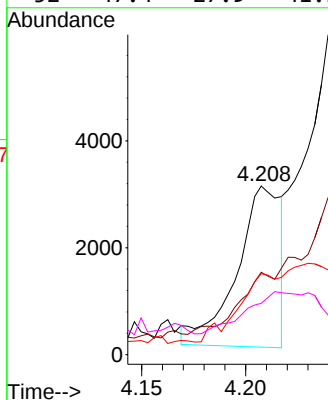
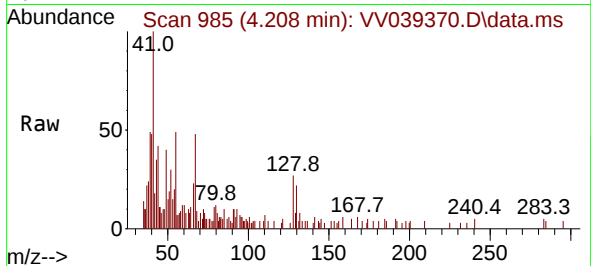
#41
Methacrylonitrile
Concen: 1.086 ug/l m
RT: 4.208 min Scan# 91
Delta R.T. 0.058 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 41 Resp: 4420
Ion Ratio Lower Upper
41 100
39 0.0 44.3 66.5
67 35.6 71.4 107.2
52 47.4 27.9 41.9

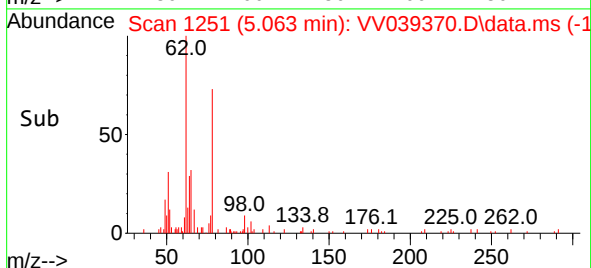
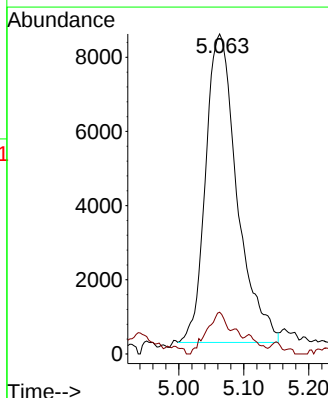
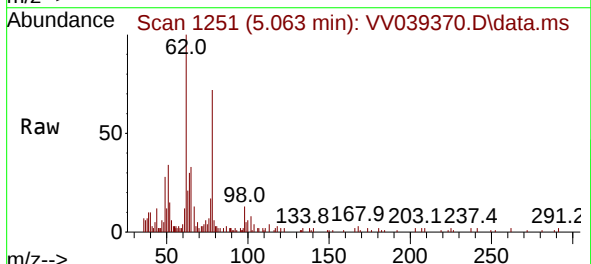
Manual Integrations
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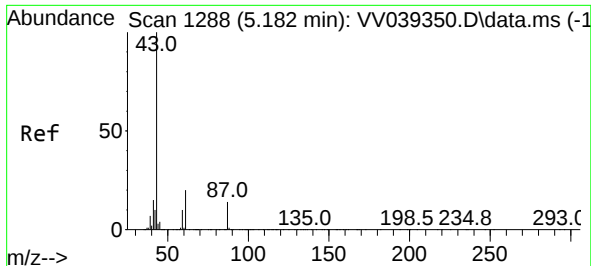
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#42
1,2-Dichloroethane
Concen: 2.768 ug/l
RT: 5.063 min Scan# 1251
Delta R.T. 0.029 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

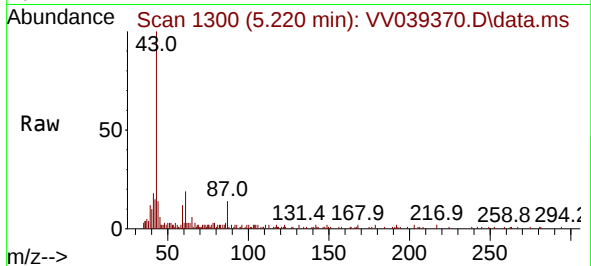
Tgt Ion: 62 Resp: 28020
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.6





#43
Isopropyl Acetate
Concen: 2.287 ug/l
RT: 5.220 min Scan# 11
Delta R.T. 0.039 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

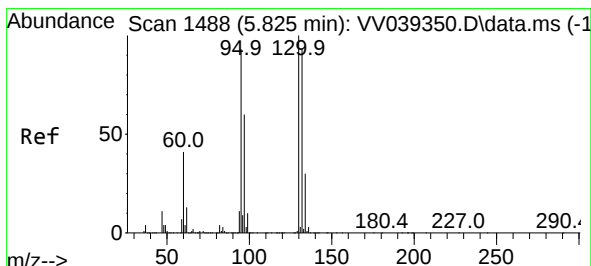
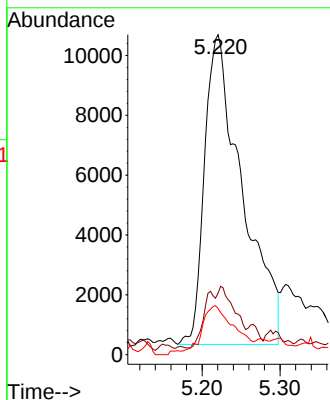
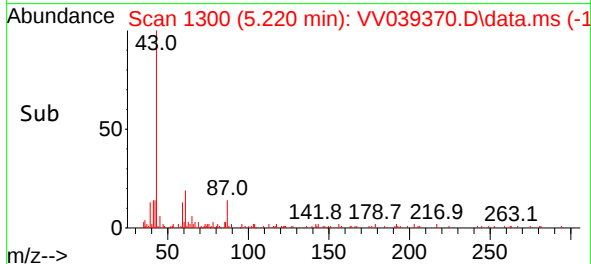
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 43 Resp: 3475
Ion Ratio Lower Upper
43 100
61 6.0 15.7 23.5
87 11.9 11.1 16.7

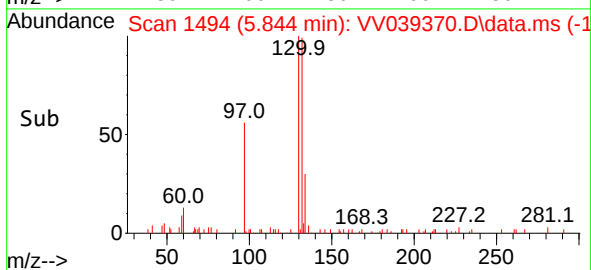
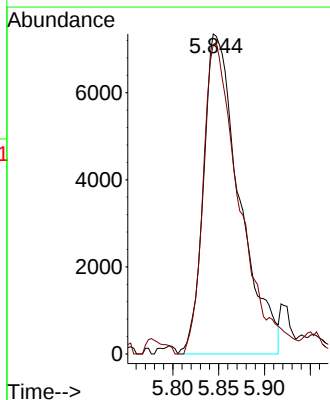
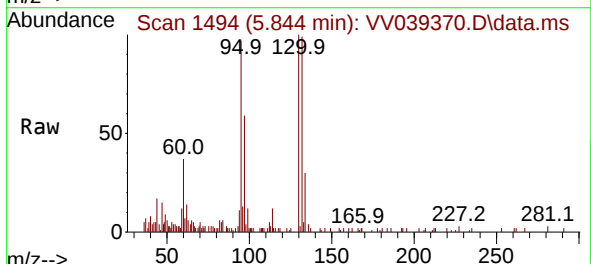
Manual Integrations
APPROVED

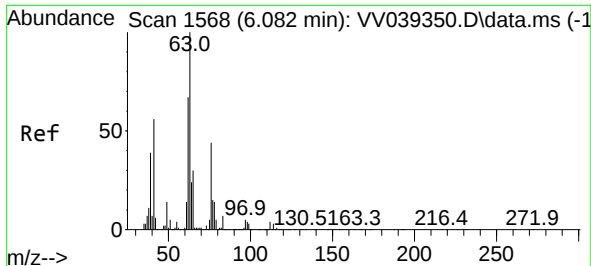
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#44
Trichloroethene
Concen: 2.829 ug/l
RT: 5.844 min Scan# 1494
Delta R.T. 0.019 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion:130 Resp: 19937
Ion Ratio Lower Upper
130 100
95 96.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 2.652 ug/l

RT: 6.101 min Scan# 1574

Delta R.T. 0.019 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 63 Resp: 1863

Ion Ratio Lower Upper

63 100

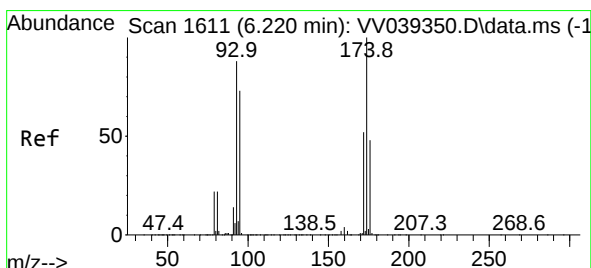
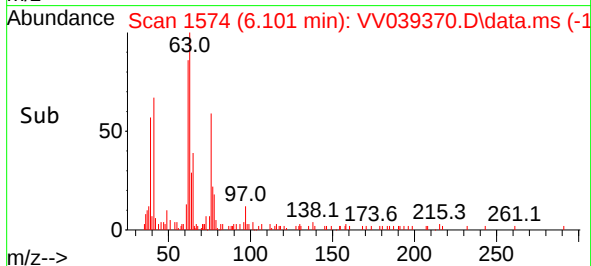
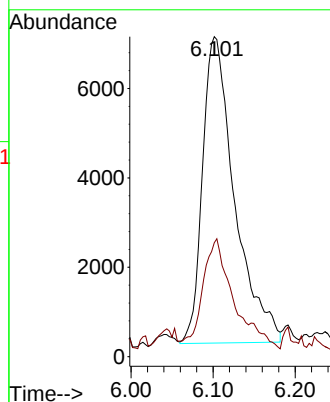
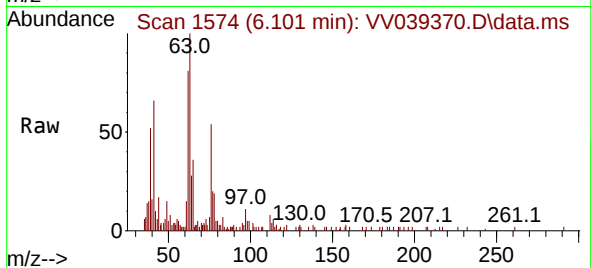
65 34.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#46

Dibromomethane

Concen: 2.844 ug/l

RT: 6.243 min Scan# 1618

Delta R.T. 0.023 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

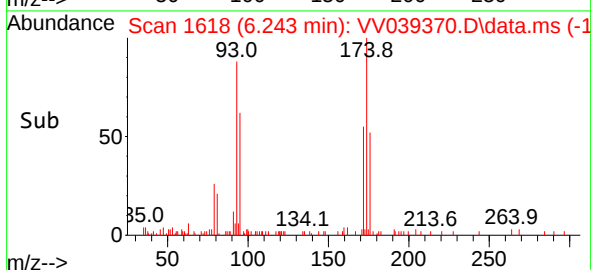
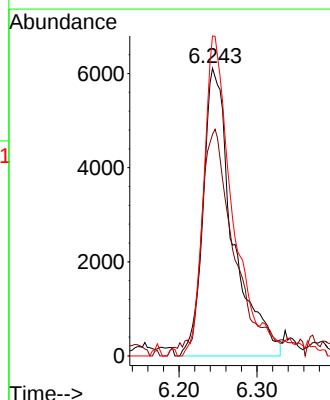
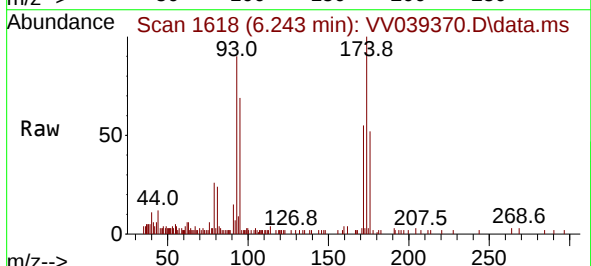
Tgt Ion: 93 Resp: 16071

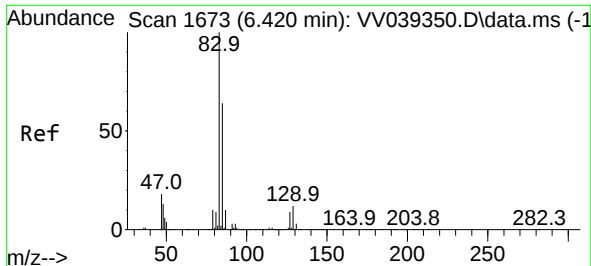
Ion Ratio Lower Upper

93 100

95 87.3 65.9 98.9

174 104.2 91.4 137.0





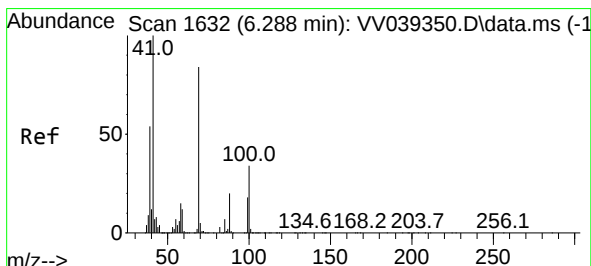
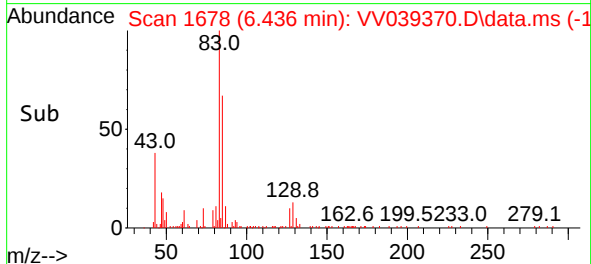
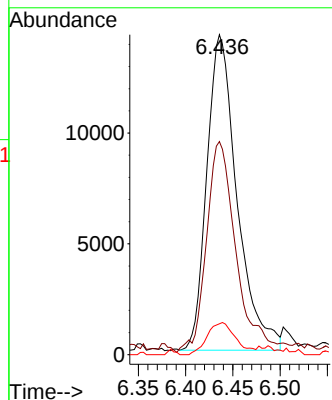
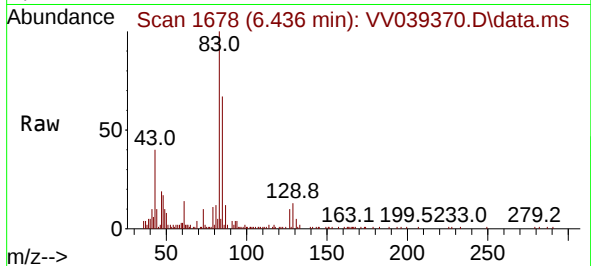
#47
Bromodichloromethane
Concen: 2.587 ug/l
RT: 6.436 min Scan# 1647
Delta R.T. 0.016 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 83 Resp: 31660
Ion Ratio Lower Upper
83 100
85 65.5 51.0 76.4
127 9.8 7.3 10.9

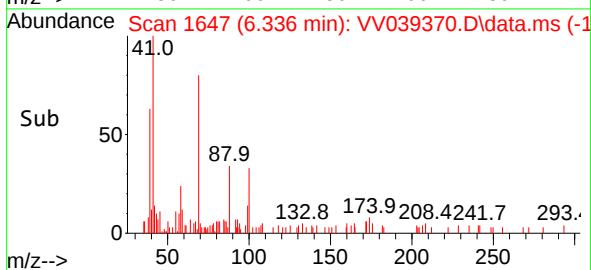
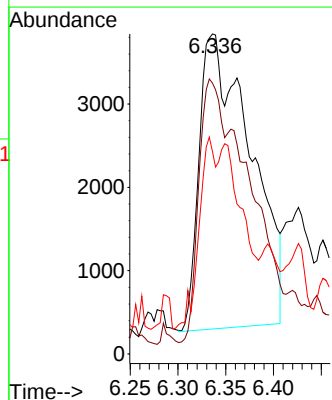
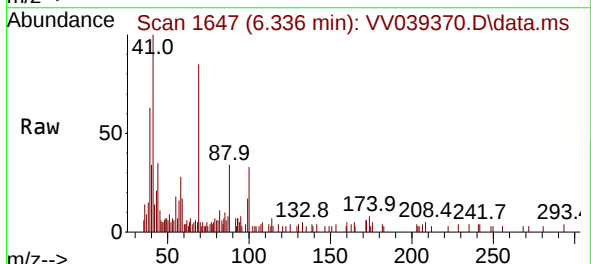
Manual Integrations
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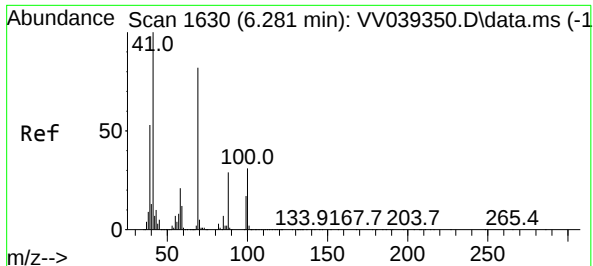
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#48
Methyl methacrylate
Concen: 1.869 ug/l m
RT: 6.336 min Scan# 1647
Delta R.T. 0.048 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion: 41 Resp: 13230
Ion Ratio Lower Upper
41 100
69 41.4 69.1 103.7#
39 19.5 42.8 64.2#





#49

1,4-Dioxane

Concen: 45.290 ug/l m

RT: 6.317 min Scan# 1

Delta R.T. 0.035 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

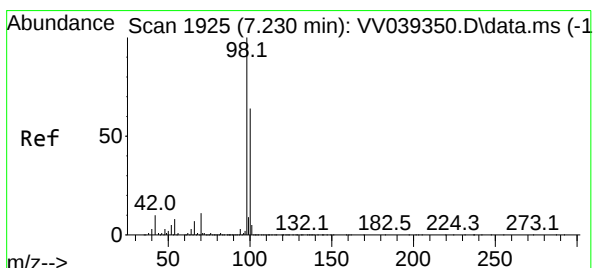
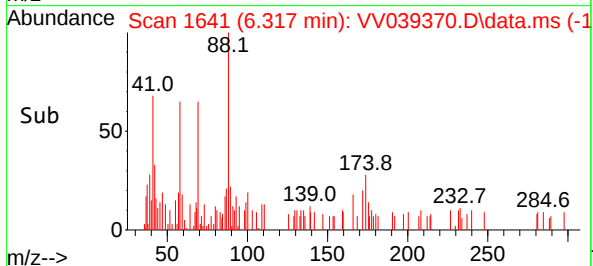
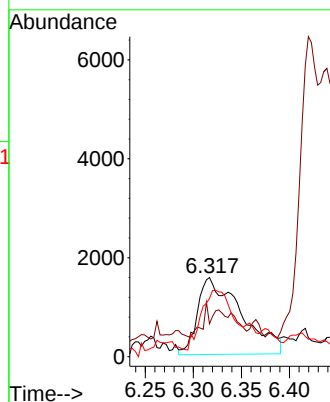
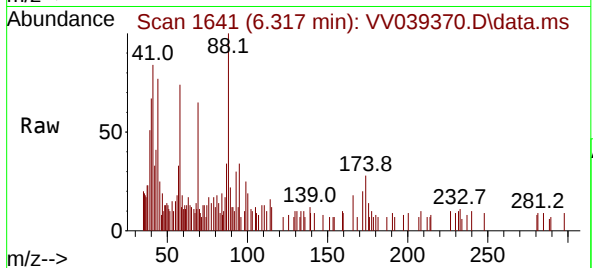
Tgt Ion: 88	Resp: 4938
Ion Ratio	Lower Upper
88 100	
43 6.4	26.6 40.0
58 54.8	55.4 83.0

Manual Integrations

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Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#50

Toluene-d8

Concen: 48.779 ug/l

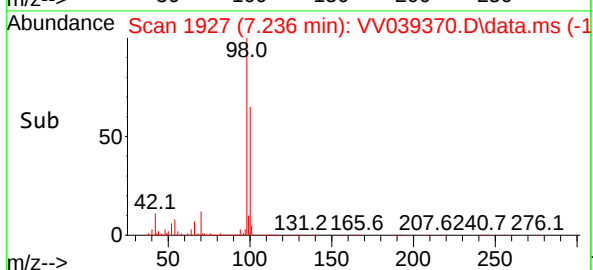
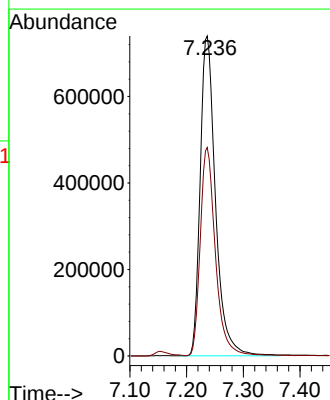
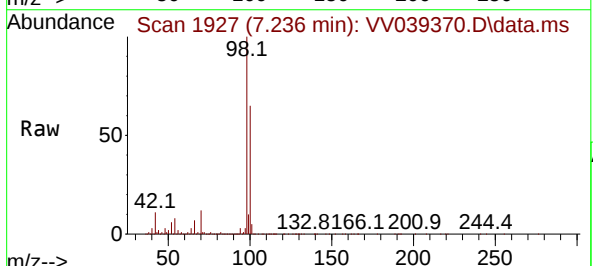
RT: 7.236 min Scan# 1927

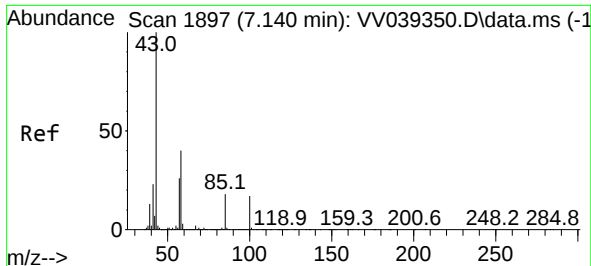
Delta R.T. 0.007 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

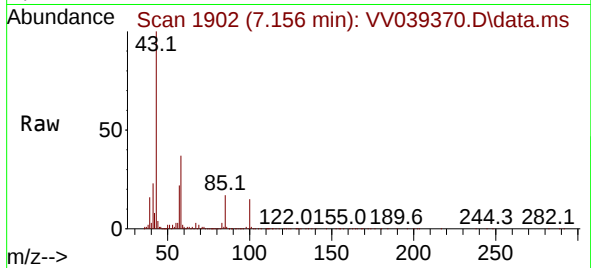
Tgt Ion: 98	Resp: 1389913
Ion Ratio	Lower Upper
98 100	
100 64.3	52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 12.175 ug/l
RT: 7.156 min Scan# 1902
Delta R.T. 0.016 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

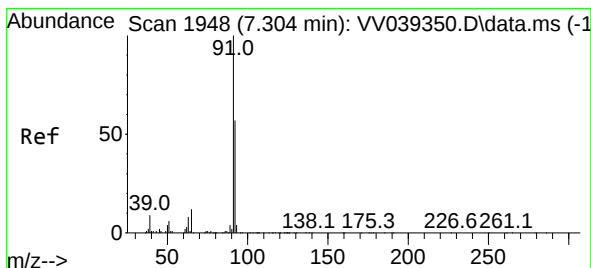
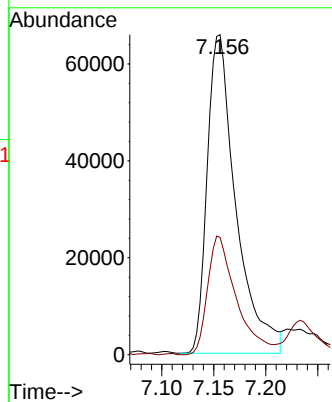
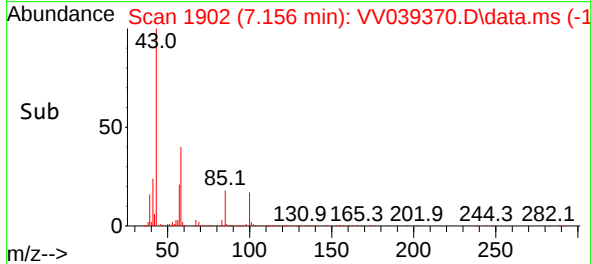
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



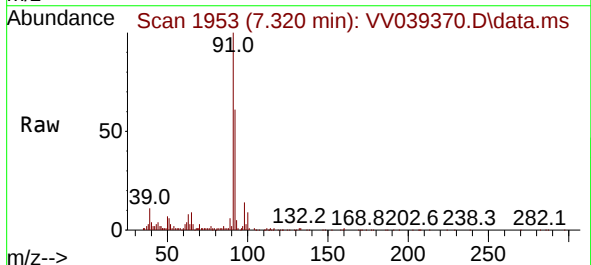
Tgt Ion: 43 Resp: 126490
Ion Ratio Lower Upper
43 100
58 37.3 31.8 47.6

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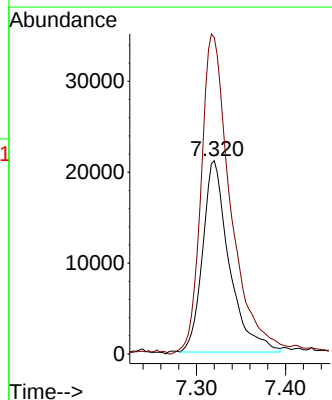
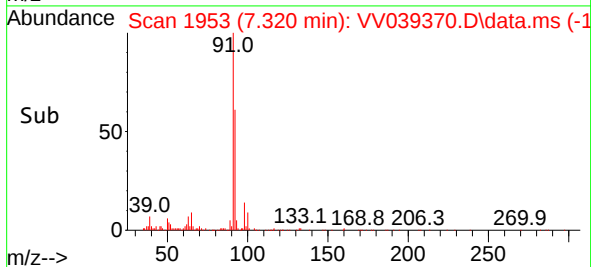
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

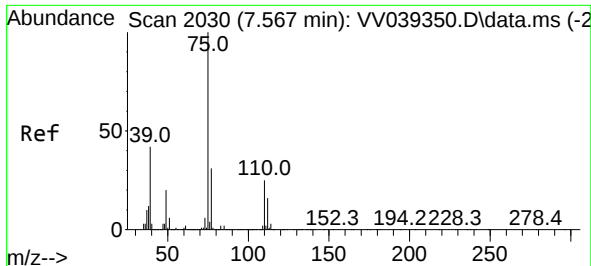


#52
Toluene
Concen: 2.684 ug/l
RT: 7.320 min Scan# 1953
Delta R.T. 0.016 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40



Tgt Ion: 92 Resp: 43675
Ion Ratio Lower Upper
92 100
91 186.6 139.0 208.6





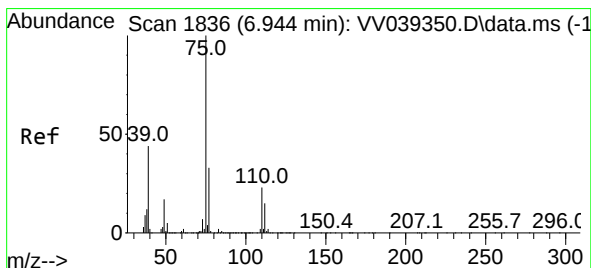
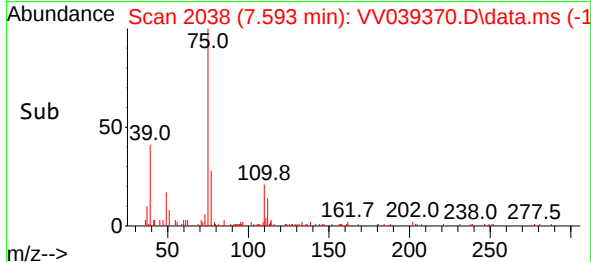
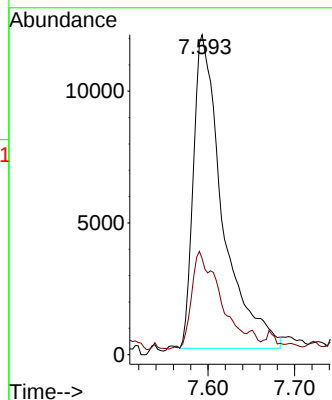
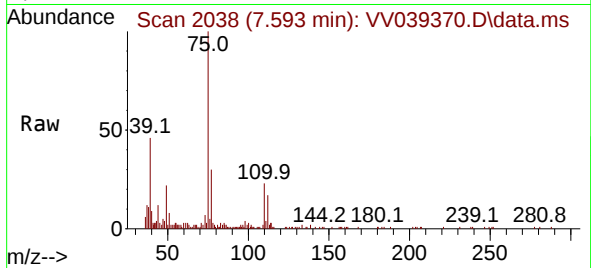
#53
 t-1,3-Dichloropropene
 Concen: 2.639 ug/l
 RT: 7.593 min Scan# 2030
 Delta R.T. 0.026 min
 Lab File: VV039370.D
 Acq: 12 Nov 2025 12:40

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

Tgt Ion: 75 Resp: 2778
 Ion Ratio Lower Upper
 75 100
 77 28.4 24.5 36.7

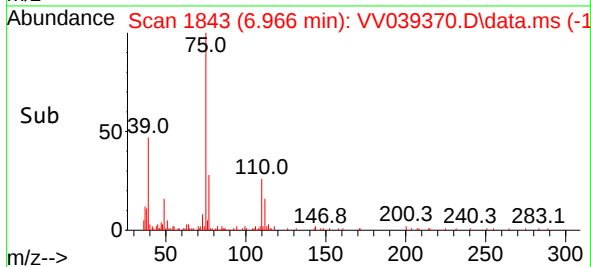
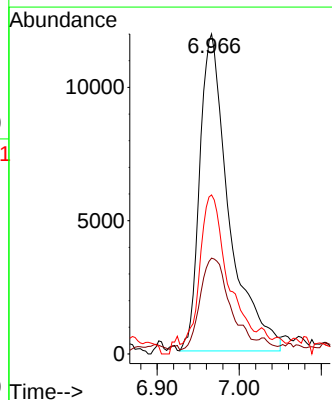
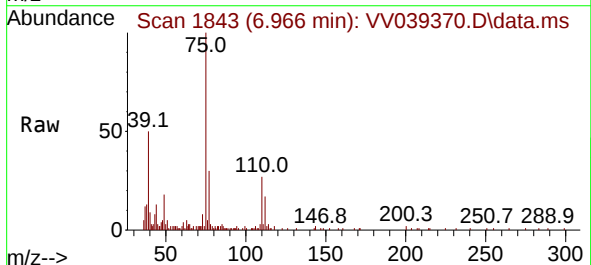
Manual Integrations
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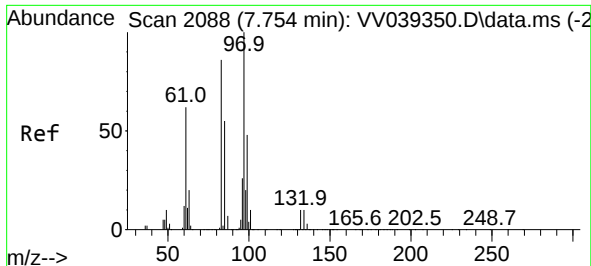
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#54
 cis-1,3-Dichloropropene
 Concen: 2.633 ug/l
 RT: 6.966 min Scan# 1843
 Delta R.T. 0.023 min
 Lab File: VV039370.D
 Acq: 12 Nov 2025 12:40

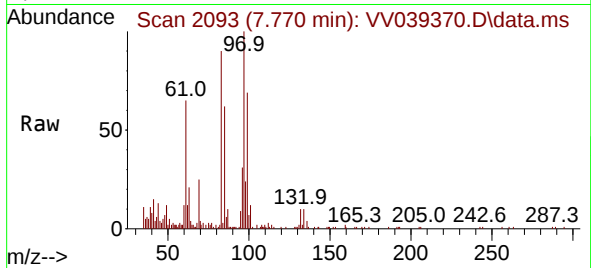
Tgt Ion: 75 Resp: 29438
 Ion Ratio Lower Upper
 75 100
 77 29.3 26.3 39.5
 39 47.7 35.5 53.3





#55
1,1,2-Trichloroethane
Concen: 2.646 ug/l
RT: 7.770 min Scan# 2088
Delta R.T. 0.016 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

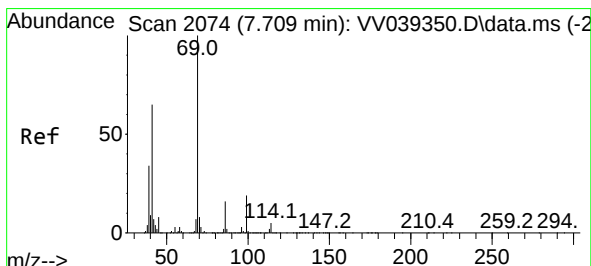
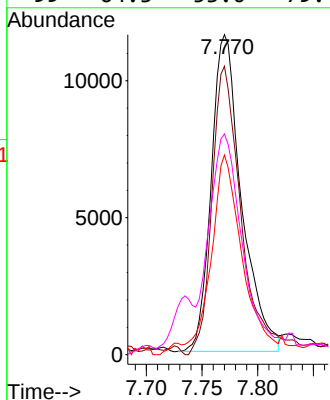
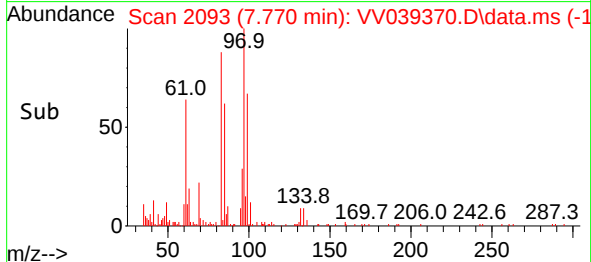
Instrument : MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.7	68.8	103.2
85	59.6	45.2	67.8
99	64.3	53.0	79.4

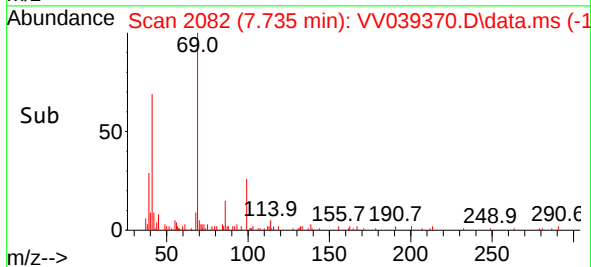
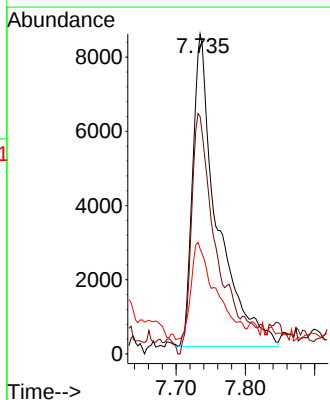
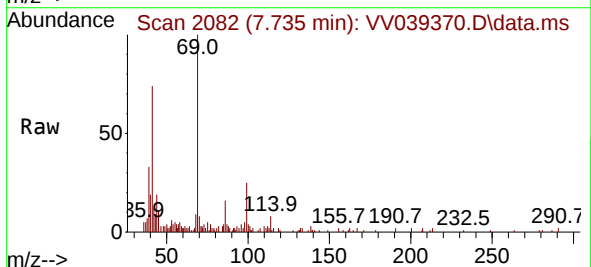
Manual Integrations
APPROVED

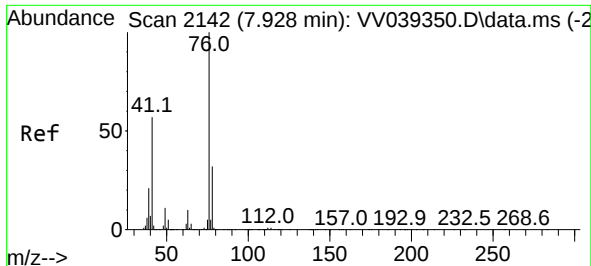
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#56
Ethyl methacrylate
Concen: 2.080 ug/l
RT: 7.735 min Scan# 2082
Delta R.T. 0.026 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.0	52.5	78.7
39	31.6	26.7	40.1





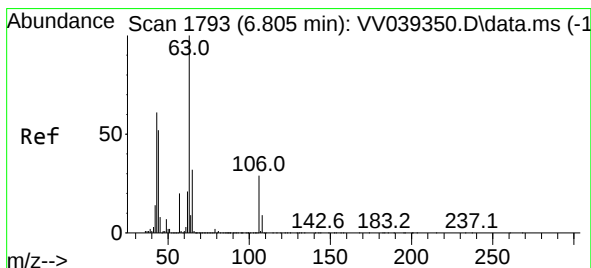
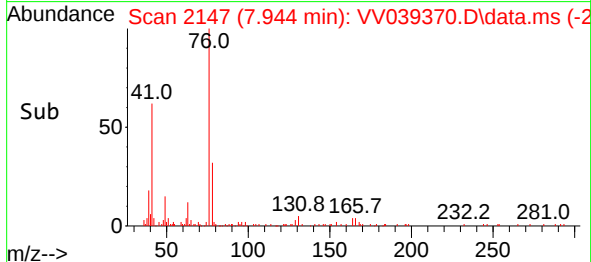
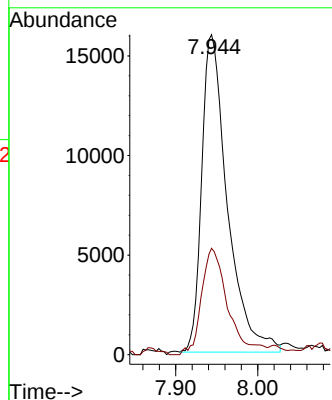
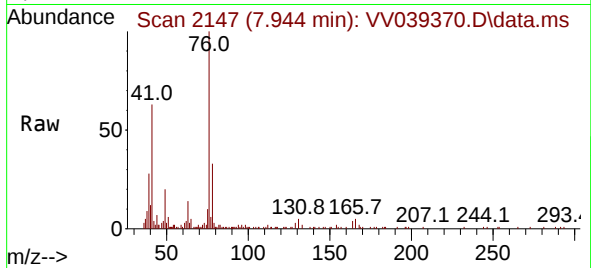
#57
1,3-Dichloropropane
Concen: 2.737 ug/l
RT: 7.944 min Scan# 2142
Delta R.T. 0.016 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 76 Resp: 34680
Ion Ratio Lower Upper
76 100
78 34.4 25.6 38.4

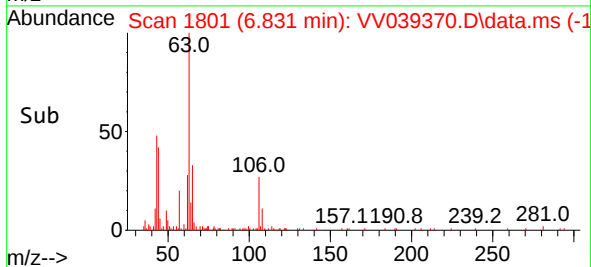
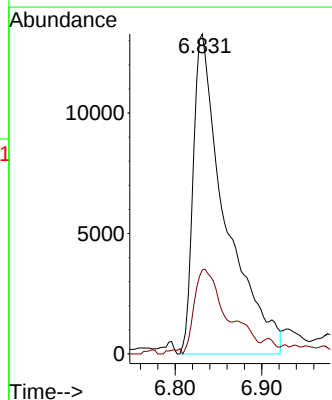
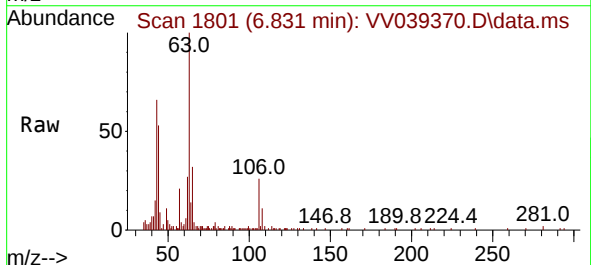
Manual Integrations
APPROVED

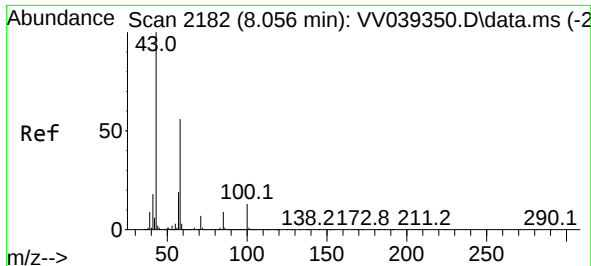
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 12.085 ug/l
RT: 6.831 min Scan# 1801
Delta R.T. 0.026 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion: 63 Resp: 34192
Ion Ratio Lower Upper
63 100
106 21.9 23.3 34.9





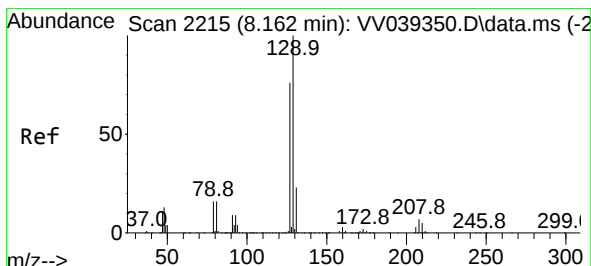
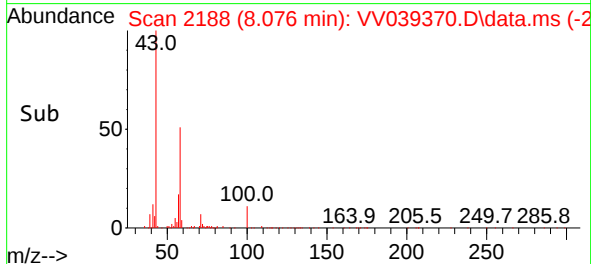
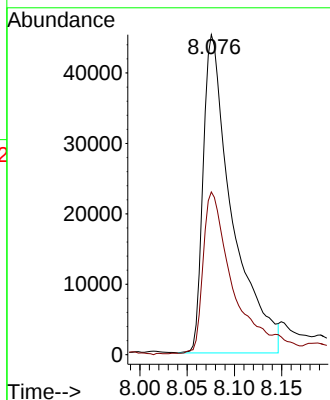
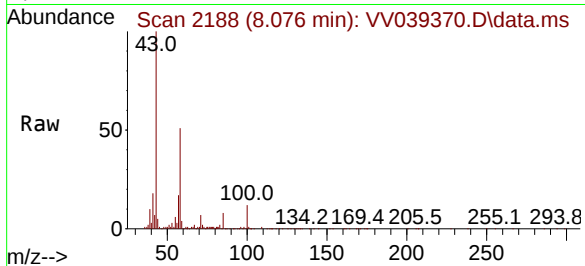
#59
2-Hexanone
Concen: 12.962 ug/l
RT: 8.076 min Scan# 2182
Delta R.T. 0.019 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 43 Resp: 9625
Ion Ratio Lower Upper
43 100
58 54.3 27.7 83.1

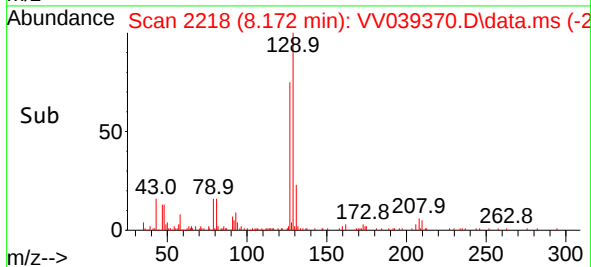
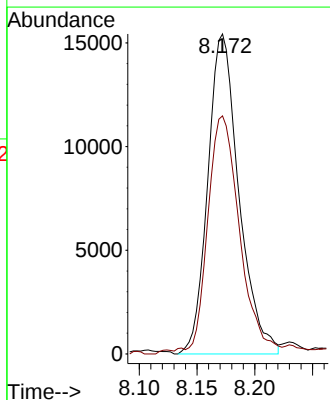
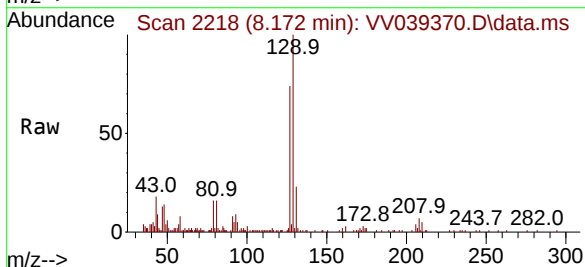
Manual Integrations
APPROVED

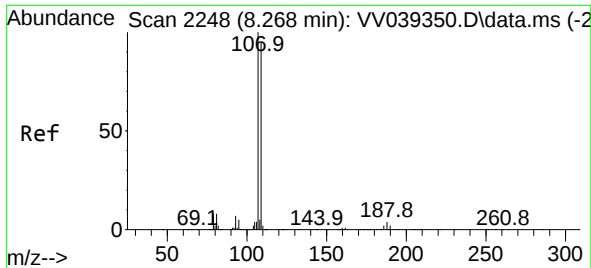
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#60
Dibromochloromethane
Concen: 2.740 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.010 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion:129 Resp: 28932
Ion Ratio Lower Upper
129 100
127 73.4 38.6 115.7





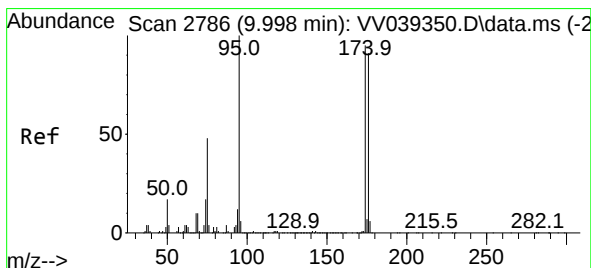
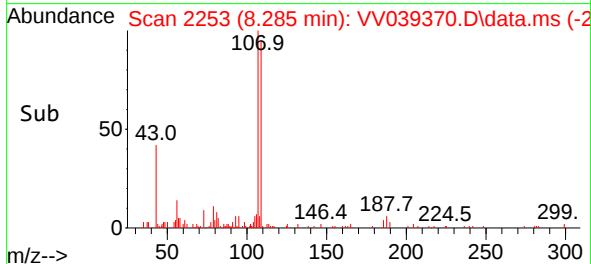
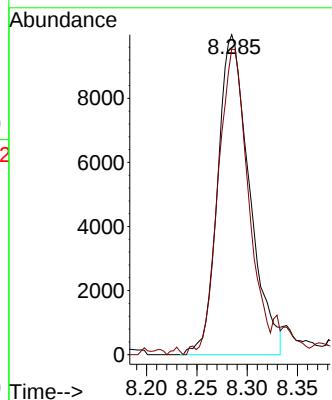
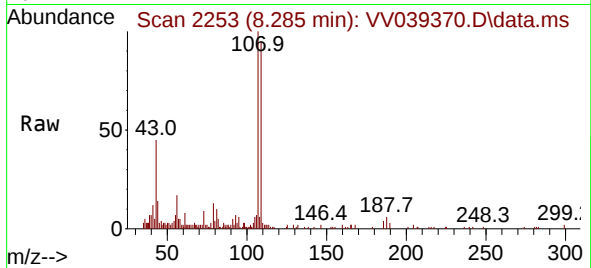
#61
1,2-Dibromoethane
Concen: 2.731 ug/l
RT: 8.285 min Scan# 2193
Delta R.T. 0.016 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion:107 Resp: 2193
Ion Ratio Lower Upper
107 100
109 90.1 75.8 113.8

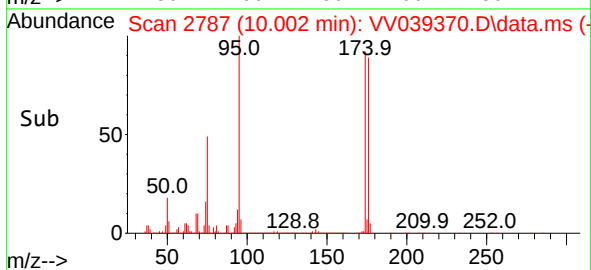
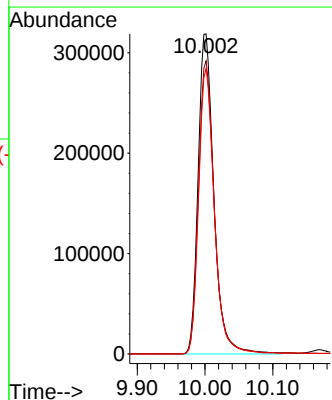
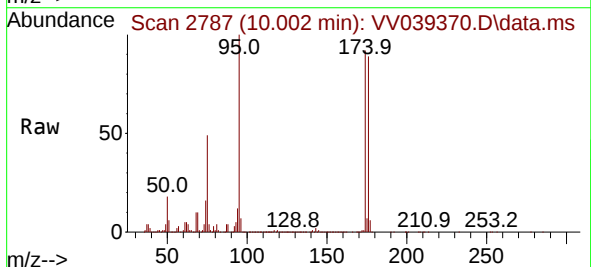
Manual Integrations
APPROVED

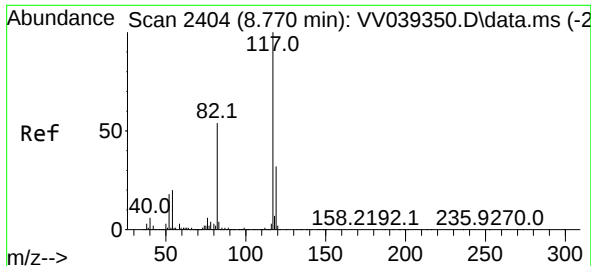
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#62
4-Bromofluorobenzene
Concen: 47.069 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

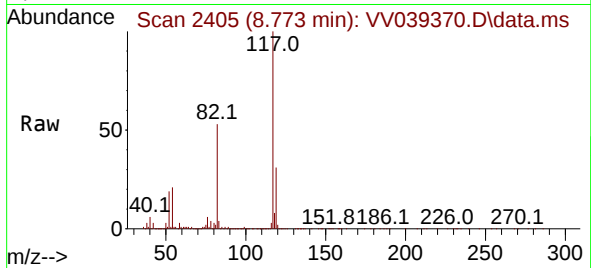
Tgt Ion: 95 Resp: 515351
Ion Ratio Lower Upper
95 100
174 92.1 0.0 187.6
176 88.7 0.0 180.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

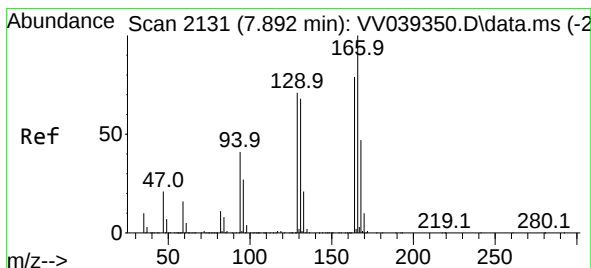
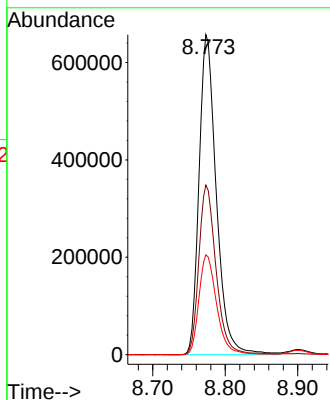
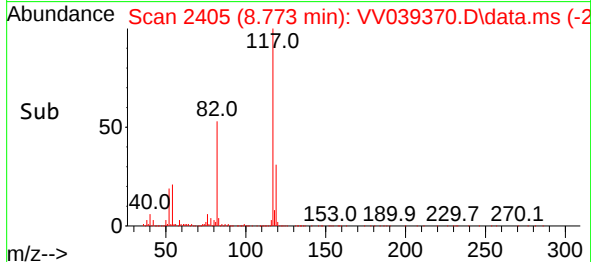
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:117 Resp: 1089790
Ion Ratio Lower Upper
117 100
82 53.0 42.9 64.3
119 31.2 25.5 38.3

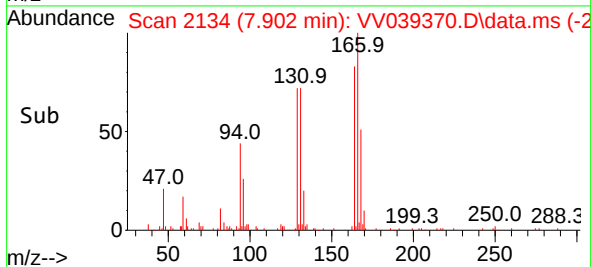
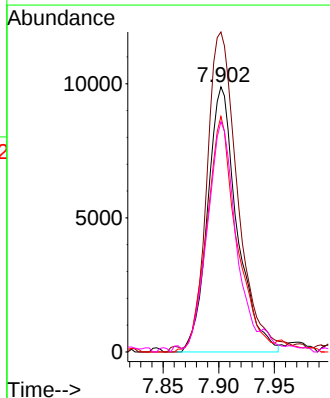
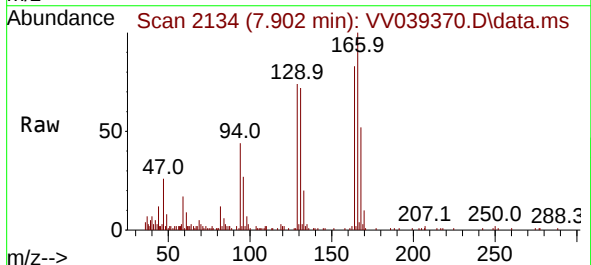
Manual Integrations
APPROVED

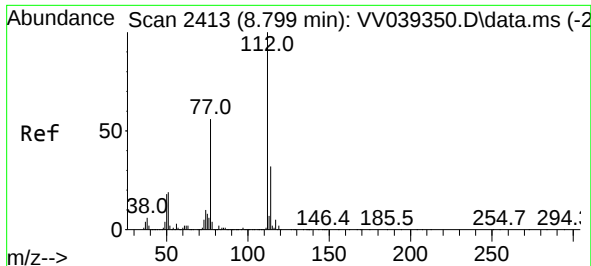
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#64
Tetrachloroethene
Concen: 2.706 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.010 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion:164 Resp: 18226
Ion Ratio Lower Upper
164 100
166 118.8 101.9 152.9
129 87.7 71.8 107.8
131 84.5 69.0 103.4





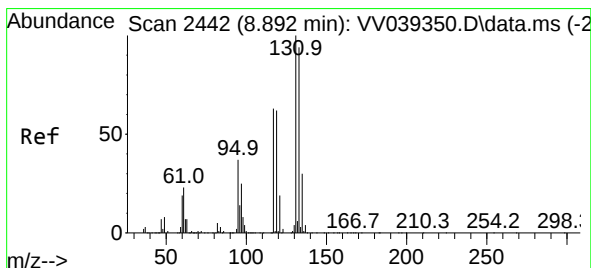
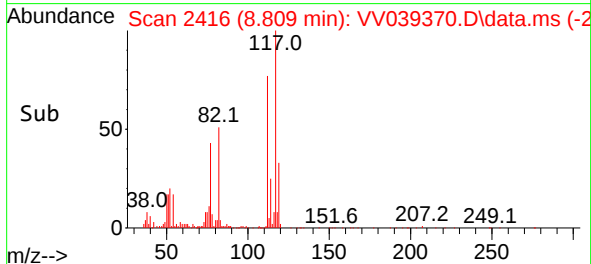
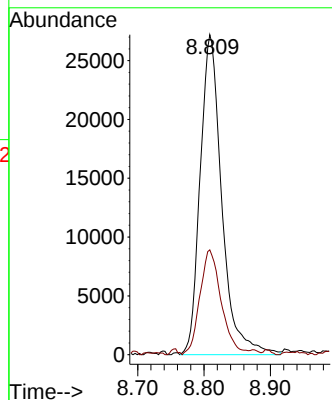
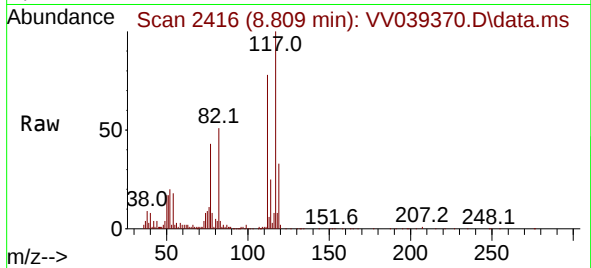
#65
Chlorobenzene
Concen: 2.841 ug/l
RT: 8.809 min Scan# 2413
Delta R.T. 0.010 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion:112 Resp: 6163
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

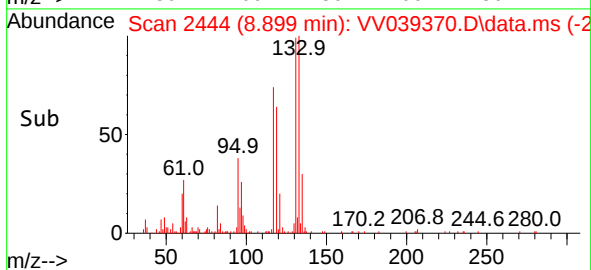
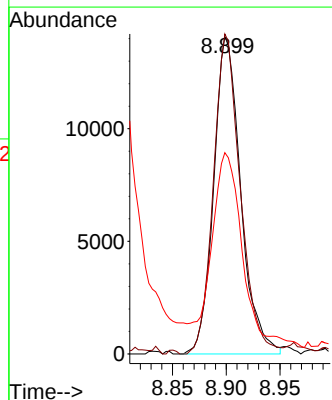
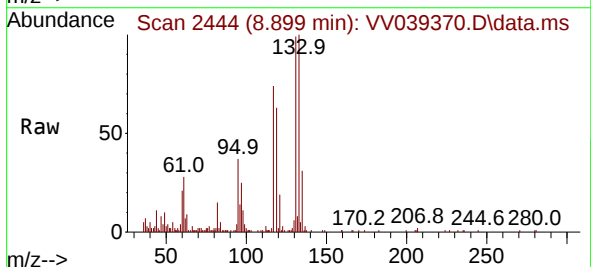
Manual Integrations
APPROVED

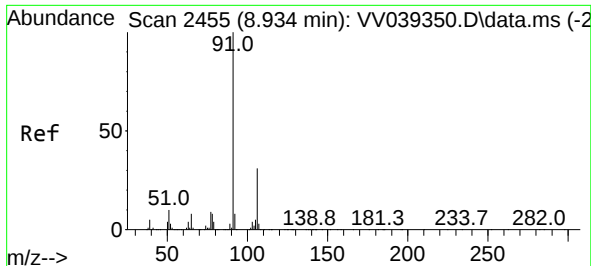
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 2.725 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion:131 Resp: 24669
Ion Ratio Lower Upper
131 100
133 100.4 47.9 143.8
119 70.7 31.6 94.8





#67

Ethyl Benzene

Concen: 2.498 ug/l

RT: 8.944 min Scan# 2458

Delta R.T. 0.010 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 91 Resp: 7837

Ion Ratio Lower Upper

91 100

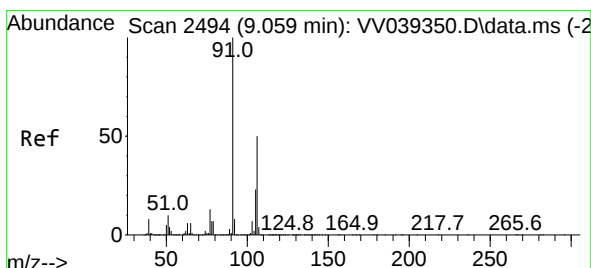
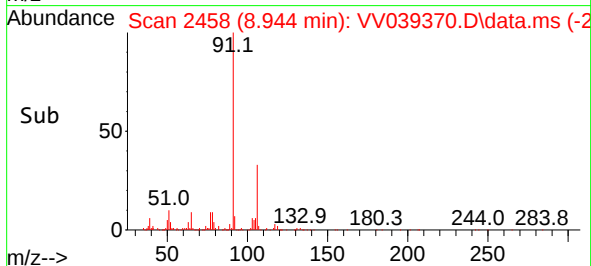
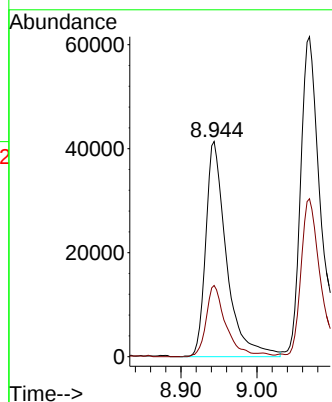
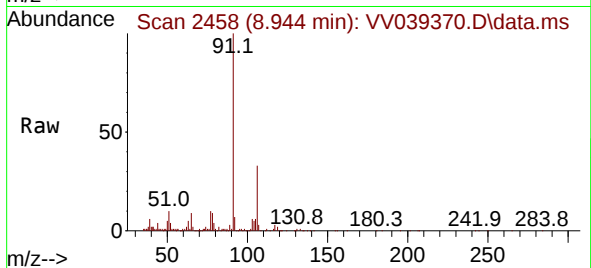
106 33.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#68

m/p-Xylenes

Concen: 4.481 ug/l

RT: 9.069 min Scan# 2497

Delta R.T. 0.010 min

Lab File: VV039370.D

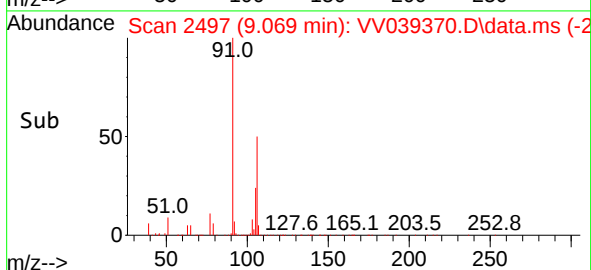
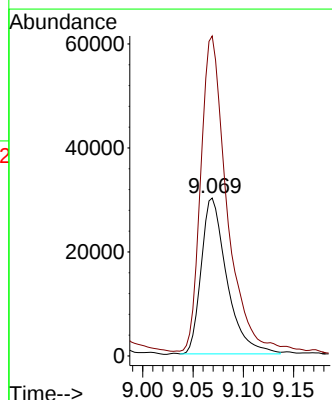
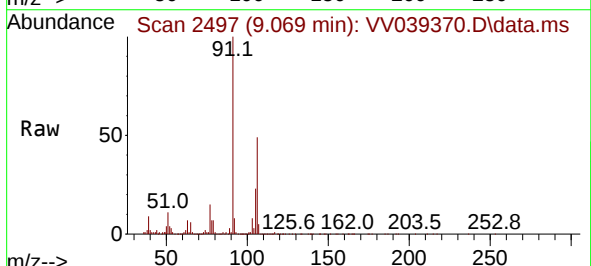
Acq: 12 Nov 2025 12:40

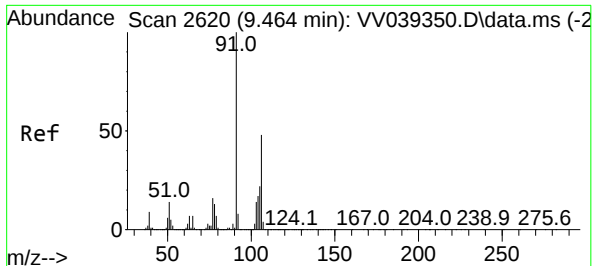
Tgt Ion:106 Resp: 53096

Ion Ratio Lower Upper

106 100

91 208.1 161.5 242.3





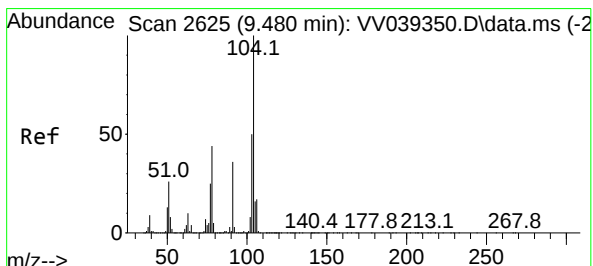
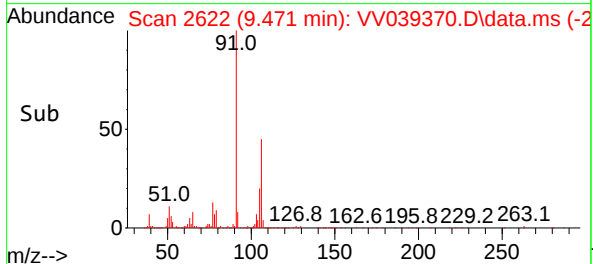
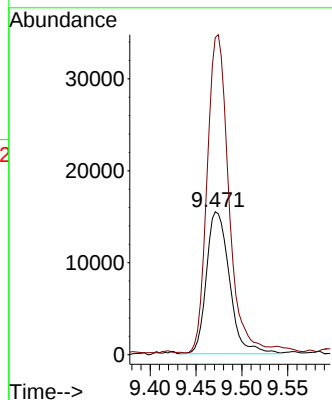
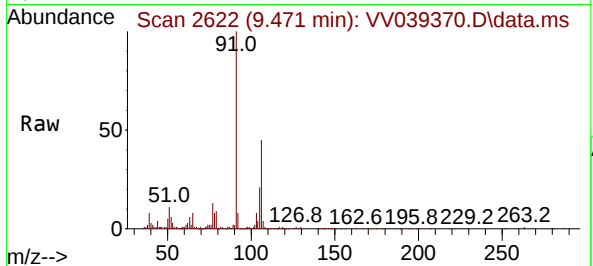
#69
o-Xylene
Concen: 2.405 ug/l
RT: 9.471 min Scan# 2631
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion:106 Resp: 2696
Ion Ratio Lower Upper
106 100
91 210.5 105.9 317.7

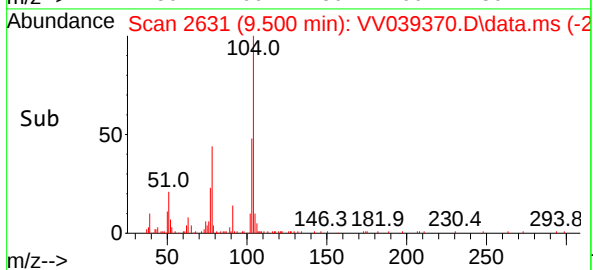
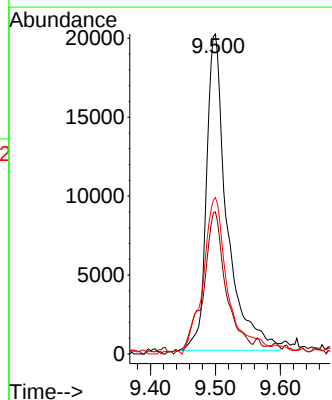
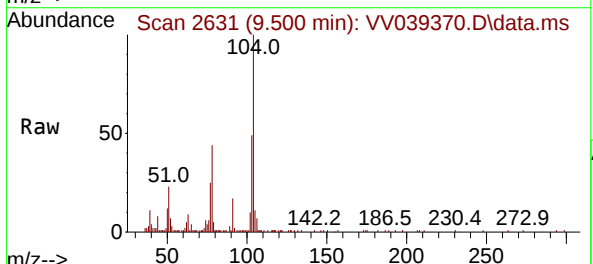
Manual Integrations
APPROVED

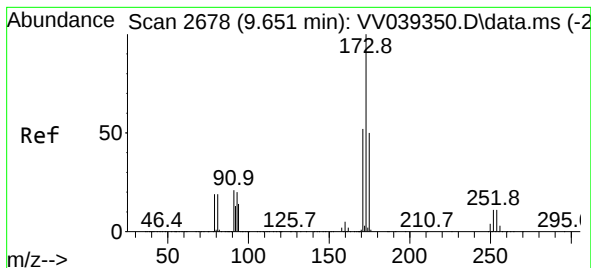
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#70
Styrene
Concen: 2.204 ug/l
RT: 9.500 min Scan# 2631
Delta R.T. 0.019 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion:104 Resp: 44180
Ion Ratio Lower Upper
104 100
78 51.1 39.0 58.4
103 60.4 43.4 65.2





#71

Bromoform

Concen: 2.652 ug/l

RT: 9.661 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion:173 Resp: 2228

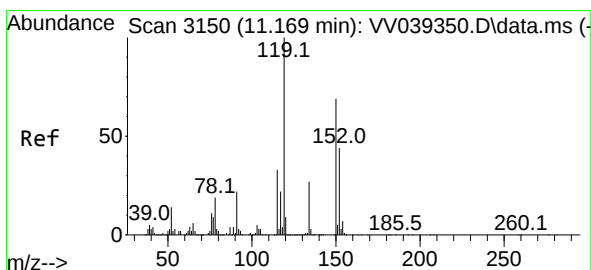
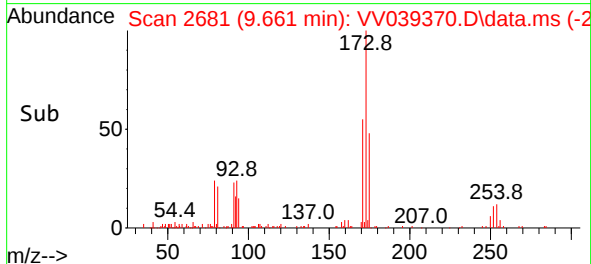
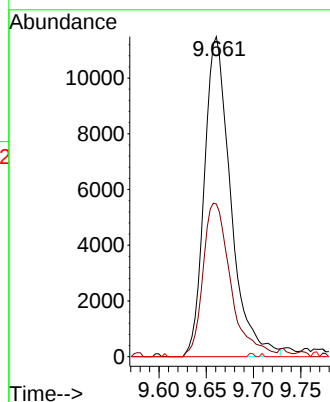
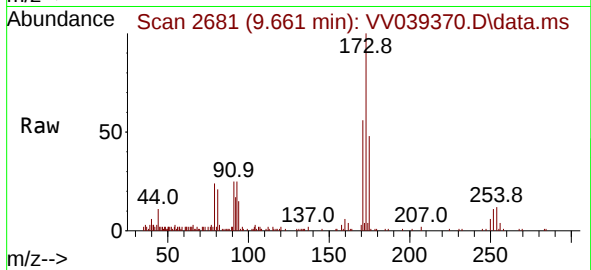
Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.5	73.5
254	0.0	0.1	0.1

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

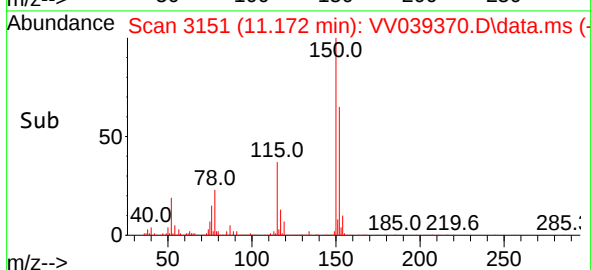
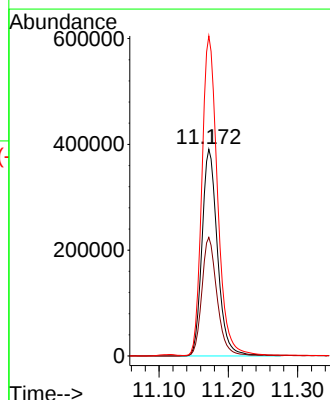
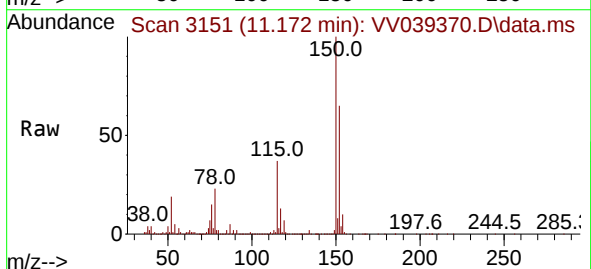
Delta R.T. 0.003 min

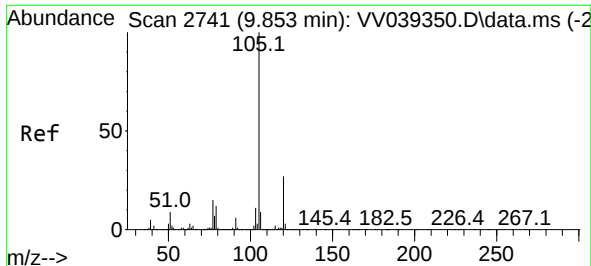
Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

Tgt Ion:152 Resp: 608653

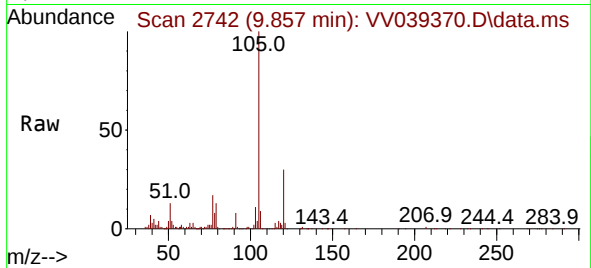
Ion	Ratio	Lower	Upper
152	100		
115	56.4	37.3	111.9
150	155.6	0.0	340.4





#73
Isopropylbenzene
Concen: 2.446 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

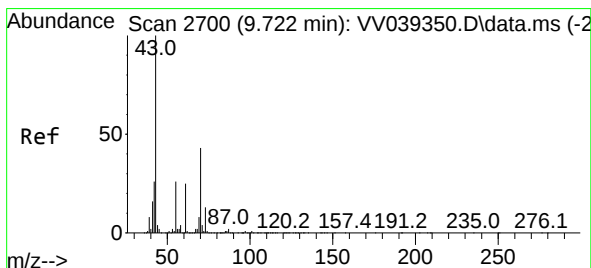
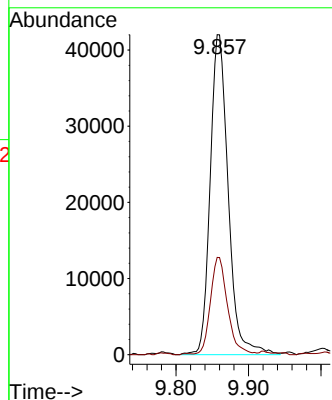
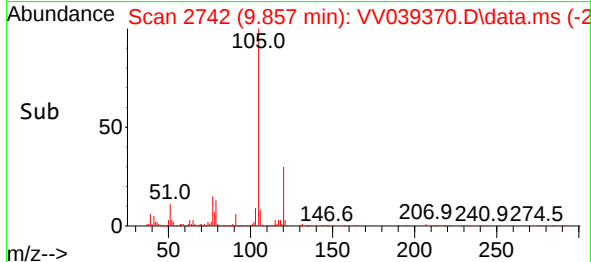
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:105 Resp: 72690
Ion Ratio Lower Upper
105 100
120 28.1 13.4 40.1

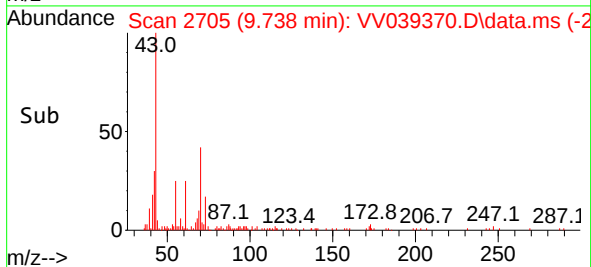
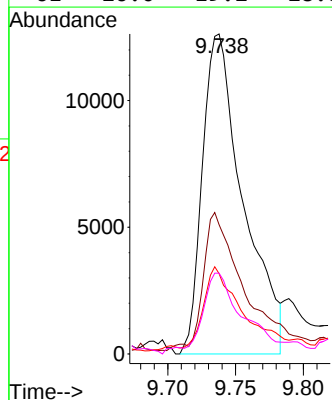
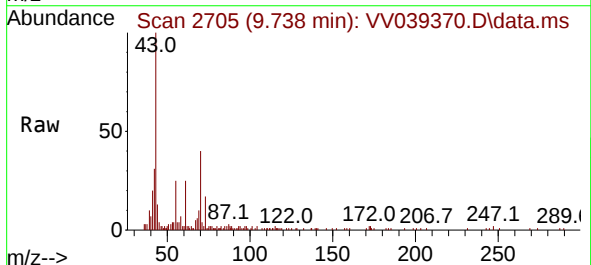
Manual Integrations
APPROVED

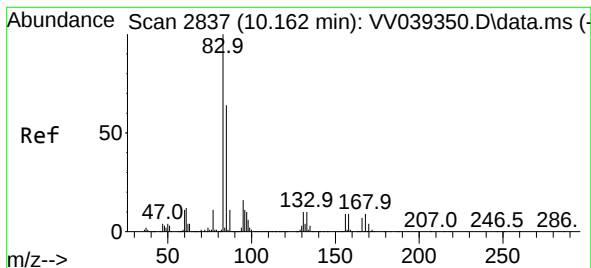
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#74
N-ethyl acetate
Concen: 2.271 ug/l
RT: 9.738 min Scan# 2705
Delta R.T. 0.016 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion: 43 Resp: 26450
Ion Ratio Lower Upper
43 100
70 44.0 34.6 51.8
55 23.4 21.0 31.6
61 26.0 19.2 28.8





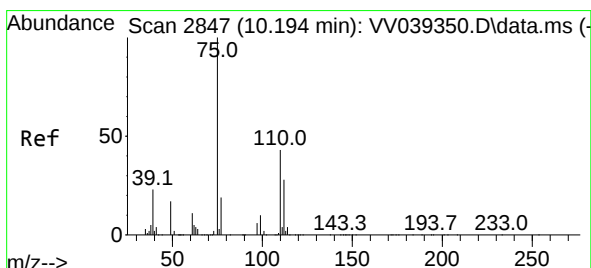
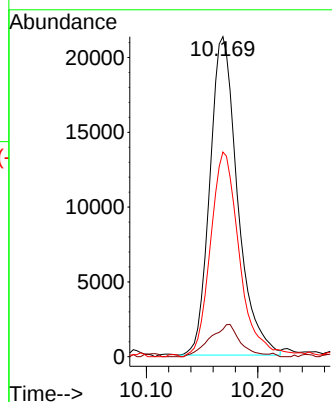
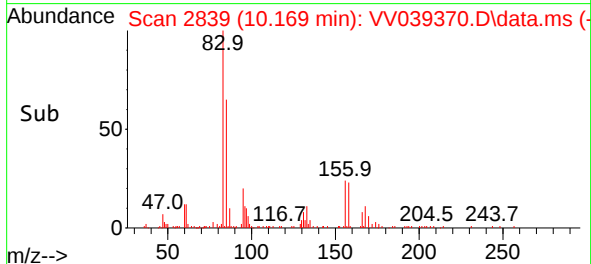
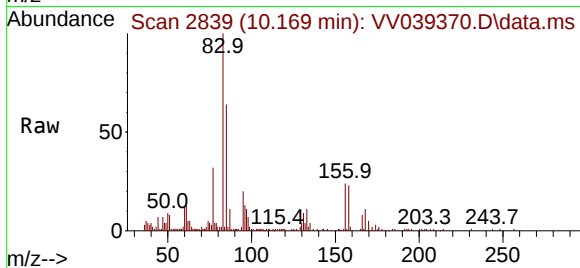
#75
1,1,2,2-Tetrachloroethane
Concen: 2.851 ug/l
RT: 10.169 min Scan# 2837
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 83 Resp: 3690
Ion Ratio Lower Upper
83 100
131 11.0 5.4 16.2
85 67.3 32.0 96.2

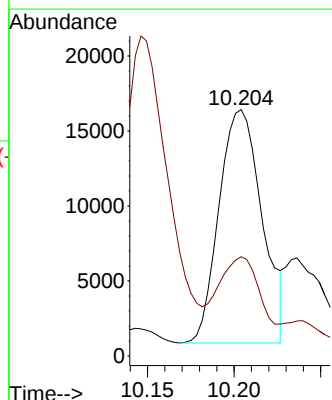
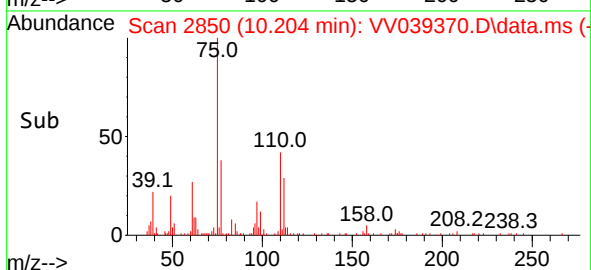
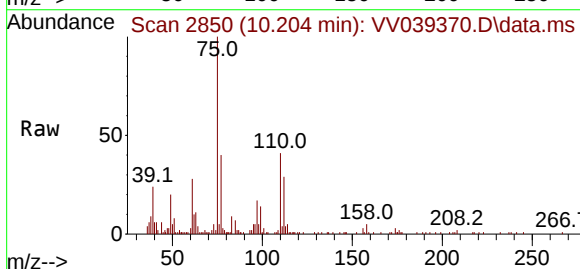
Manual Integrations
APPROVED

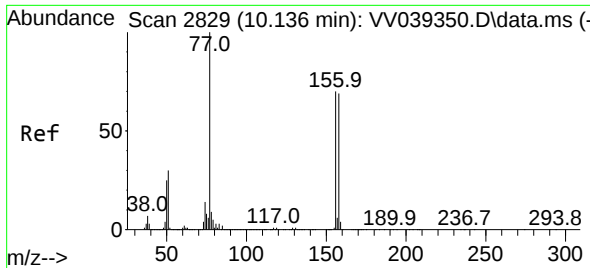
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#76
1,2,3-Trichloropropane
Concen: 2.842 ug/l
RT: 10.204 min Scan# 2850
Delta R.T. 0.010 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

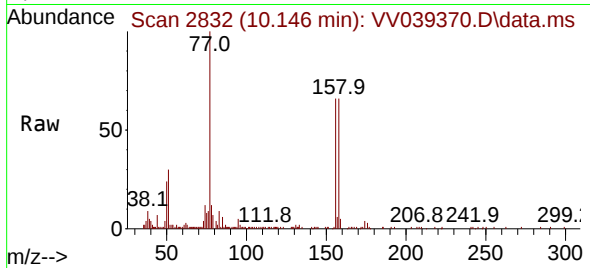
Tgt Ion: 75 Resp: 26851
Ion Ratio Lower Upper
75 100
77 27.9 11.8 35.3





#77
Bromobenzene
Concen: 3.113 ug/l
RT: 10.146 min Scan# 2832
Delta R.T. 0.010 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

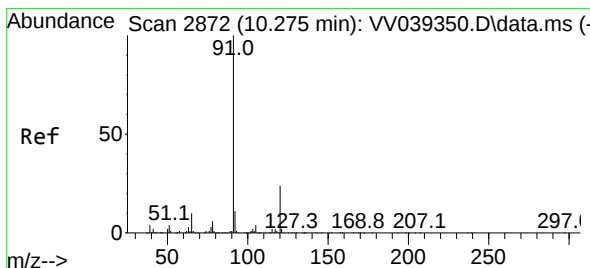
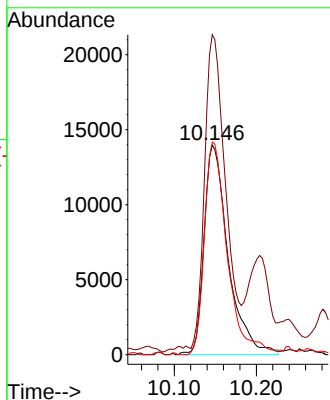
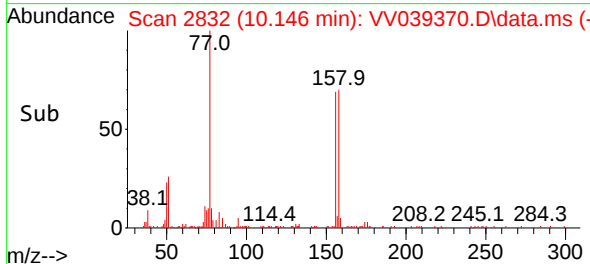
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:156 Resp: 28550
Ion Ratio Lower Upper
156 100
77 127.2 70.3 210.9
158 96.4 49.4 148.0

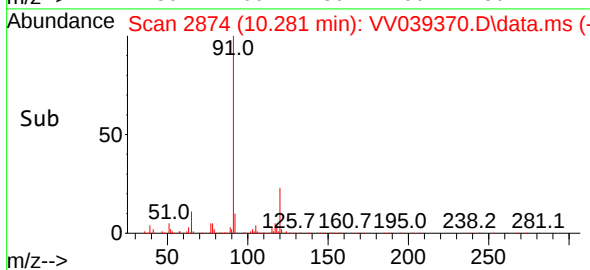
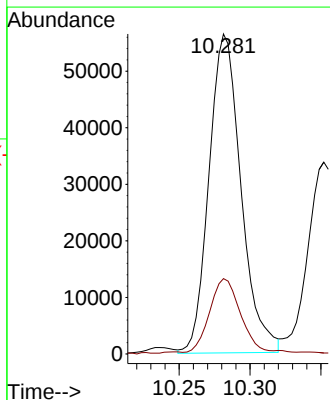
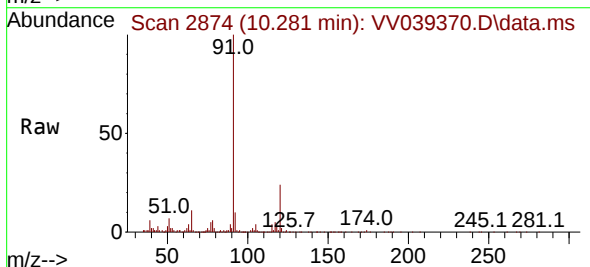
Manual Integrations
APPROVED

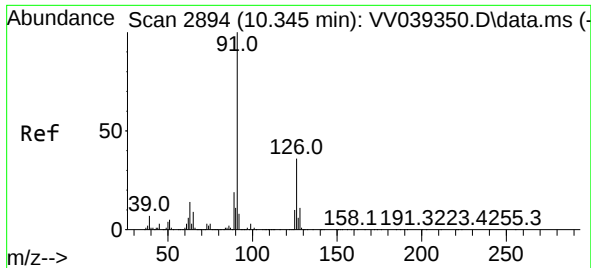
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#78
n-propylbenzene
Concen: 2.608 ug/l
RT: 10.281 min Scan# 2874
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion: 91 Resp: 88796
Ion Ratio Lower Upper
91 100
120 21.8 12.0 36.0





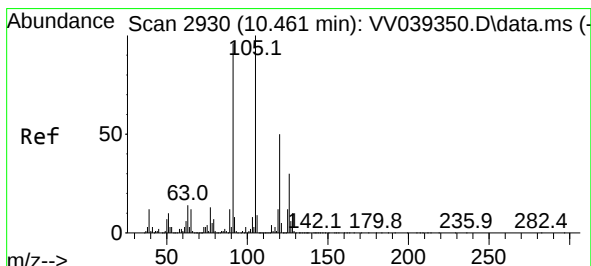
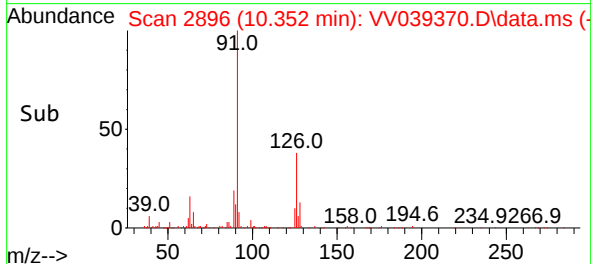
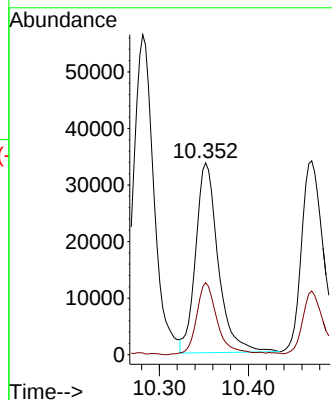
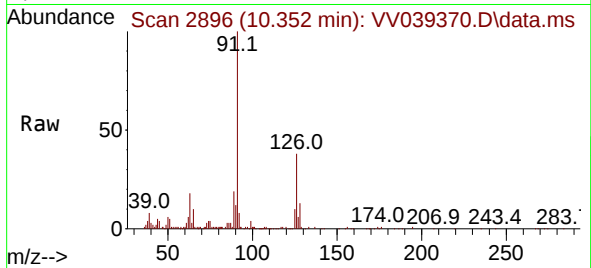
#79
2-Chlorotoluene
Concen: 2.701 ug/l
RT: 10.352 min Scan# 2896
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 91 Resp: 5886
Ion Ratio Lower Upper
91 100
126 35.1 17.6 52.8

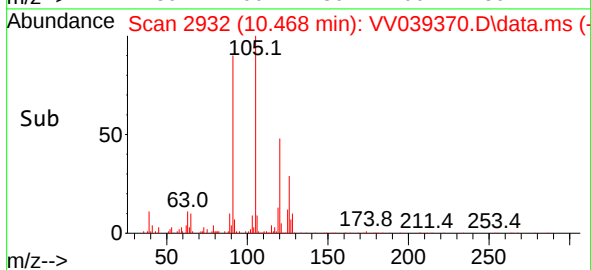
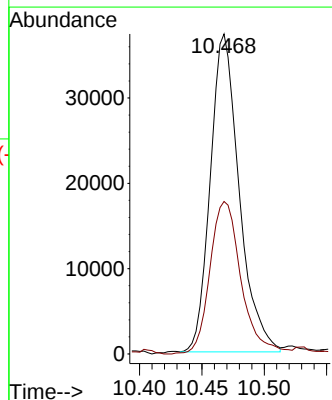
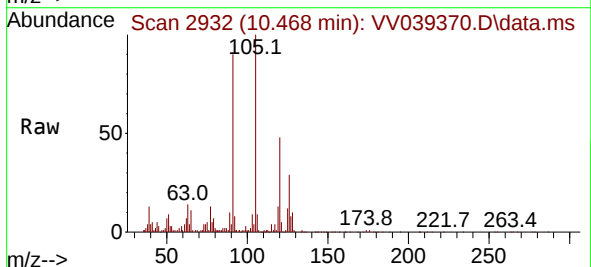
Manual Integrations
APPROVED

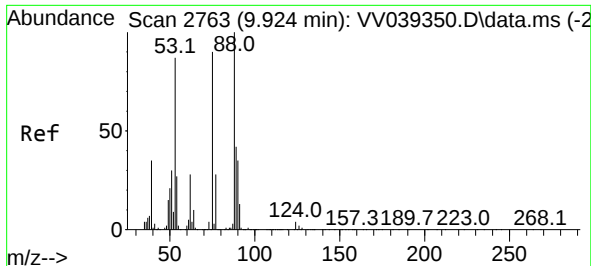
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.475 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

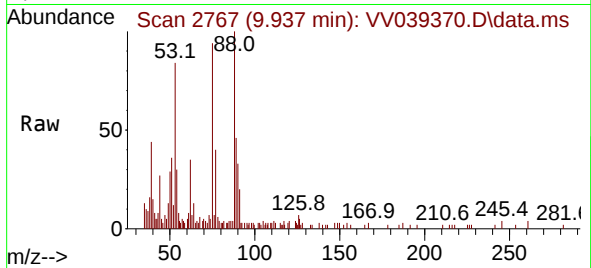
Tgt Ion:105 Resp: 60140
Ion Ratio Lower Upper
105 100
120 51.8 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 2.369 ug/l
RT: 9.937 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

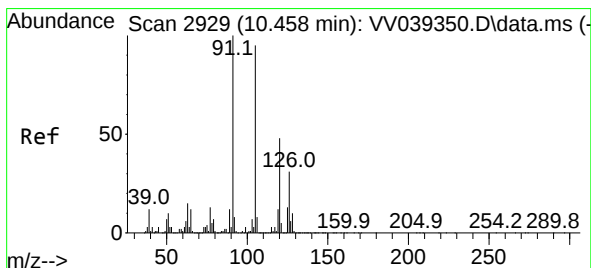
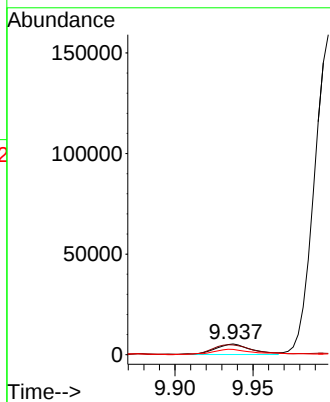
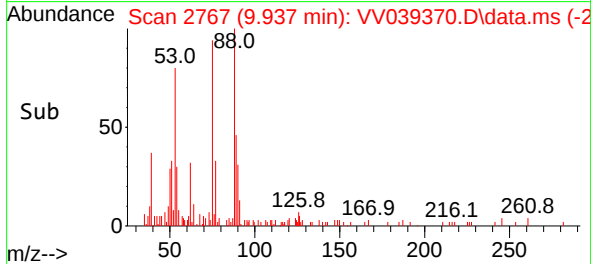
Instrument :
MSVOA_V
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 75 Resp: 834
Ion Ratio Lower Upper
75 100
53 98.7 79.0 118.6
89 68.3 40.4 60.6

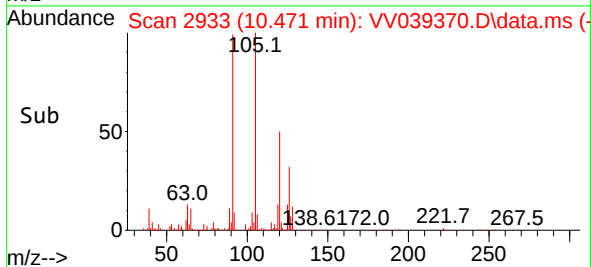
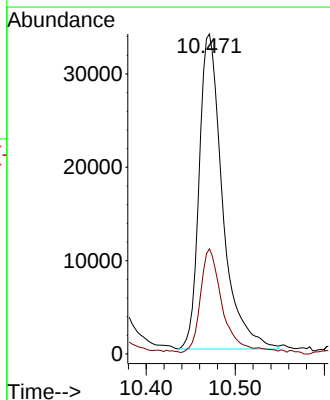
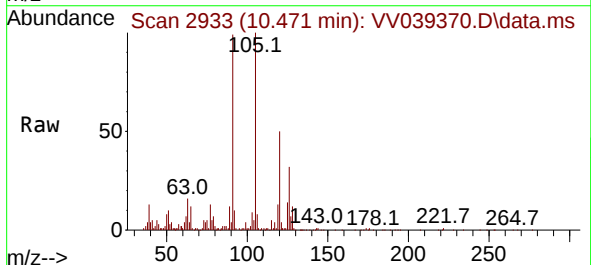
Manual Integrations
APPROVED

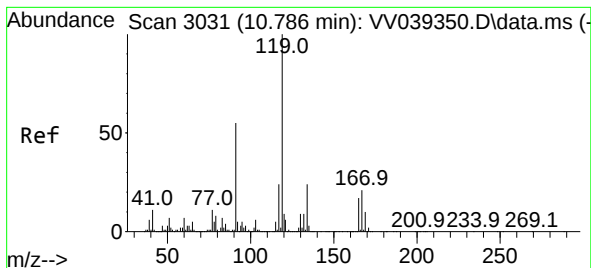
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#82
4-Chlorotoluene
Concen: 2.527 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.013 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion: 91 Resp: 61570
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9





#83

tert-Butylbenzene

Concen: 2.636 ug/l

RT: 10.789 min Scan# 3031

Delta R.T. 0.003 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

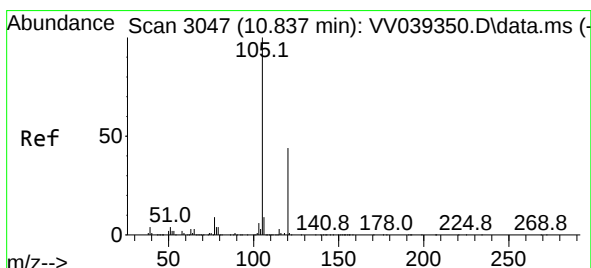
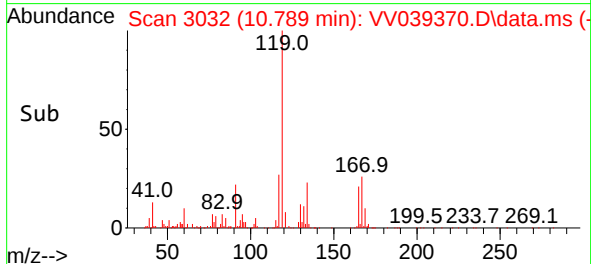
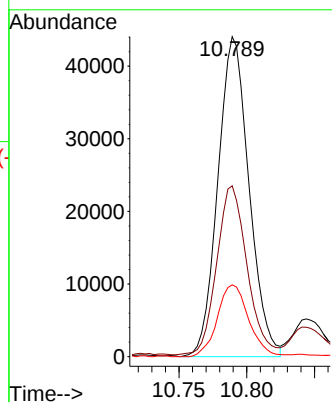
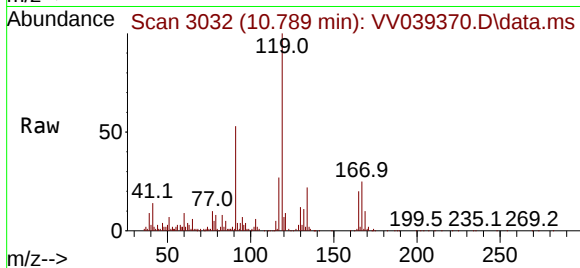
Tgt Ion:	119	Resp:	70404
Ion Ratio	Lower	Upper	
119	100		
91	51.2	26.5	79.5
134	22.6	11.9	35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#84

1,2,4-Trimethylbenzene

Concen: 2.295 ug/l

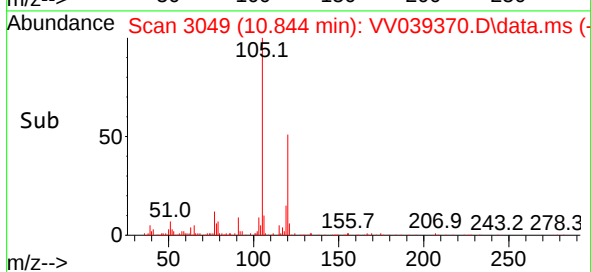
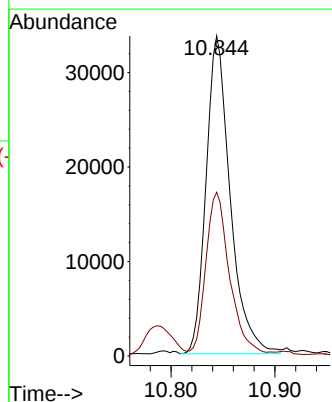
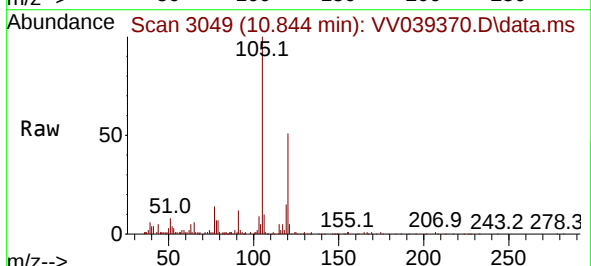
RT: 10.844 min Scan# 3049

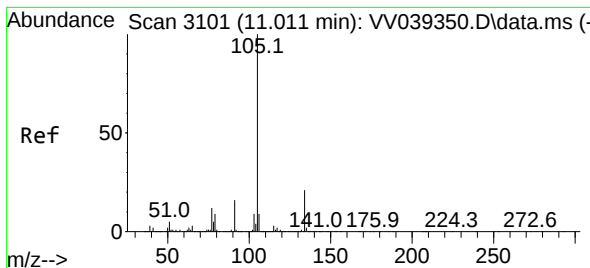
Delta R.T. 0.007 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

Tgt Ion:	105	Resp:	54316
Ion Ratio	Lower	Upper	
105	100		
120	48.8	23.0	69.0





#85

sec-Butylbenzene

Concen: 2.547 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion:105 Resp: 80662

Ion Ratio Lower Upper

105 100

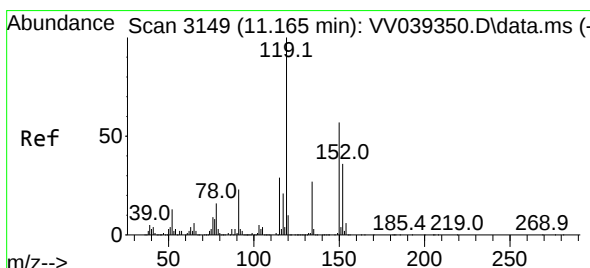
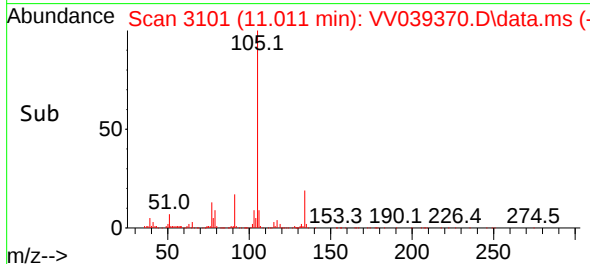
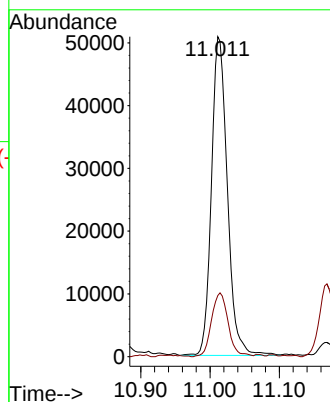
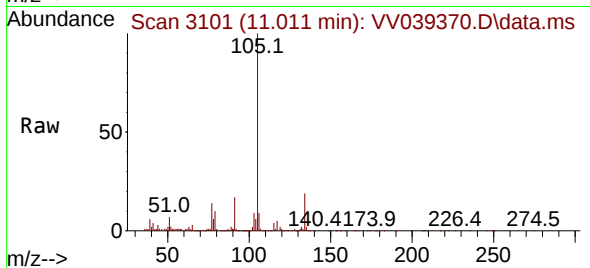
134 21.1 10.5 31.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#86

p-Isopropyltoluene

Concen: 2.476 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

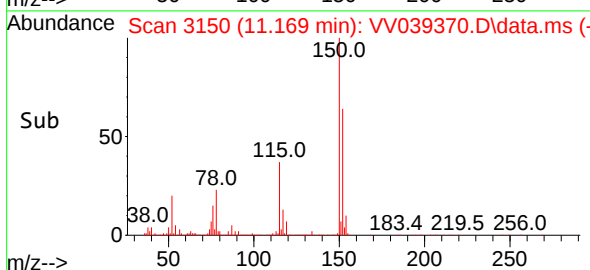
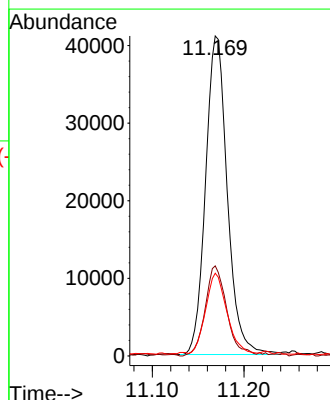
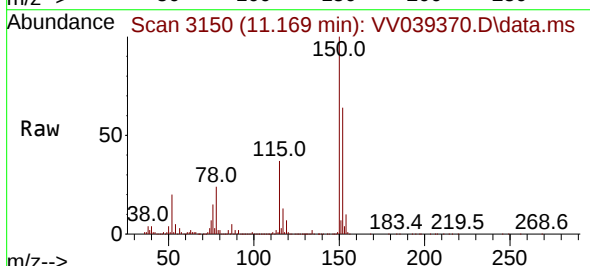
Tgt Ion:119 Resp: 67653

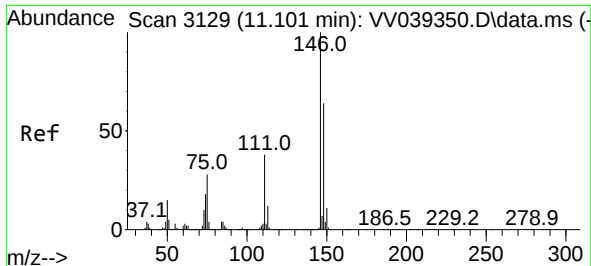
Ion Ratio Lower Upper

119 100

134 28.0 13.4 40.2

91 24.4 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 2.728 ug/l

RT: 11.114 min Scan# 3113

Delta R.T. 0.013 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

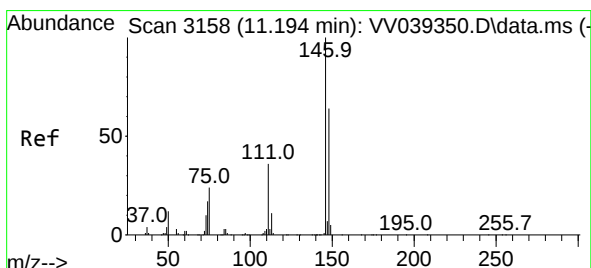
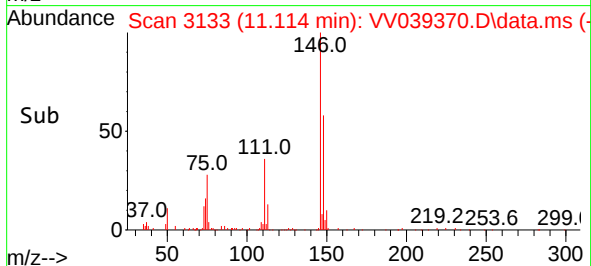
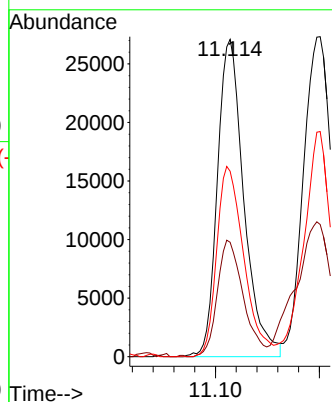
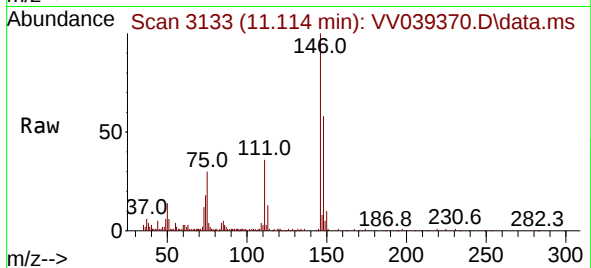
Tgt Ion:146	Resp:	47992
Ion Ratio	Lower	Upper
146	100	
111	36.0	18.8 56.4
148	61.4	31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#88

1,4-Dichlorobenzene

Concen: 2.809 ug/l

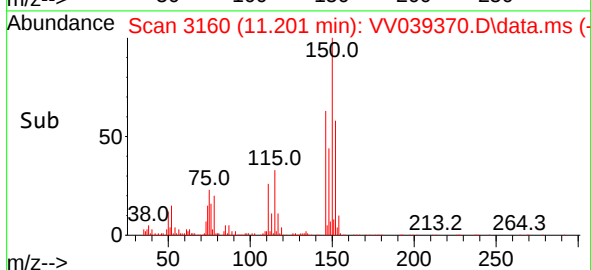
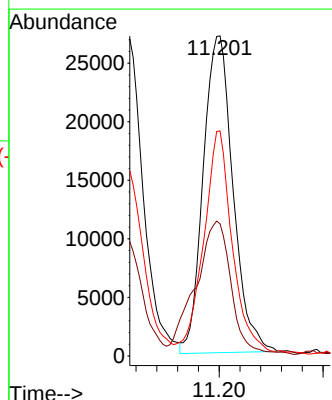
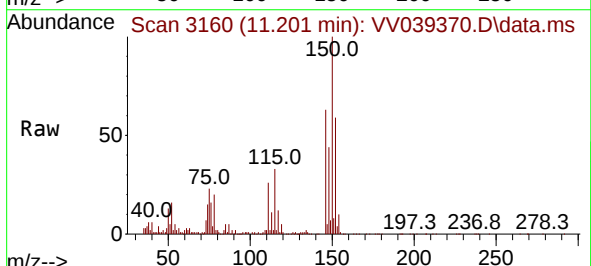
RT: 11.201 min Scan# 3160

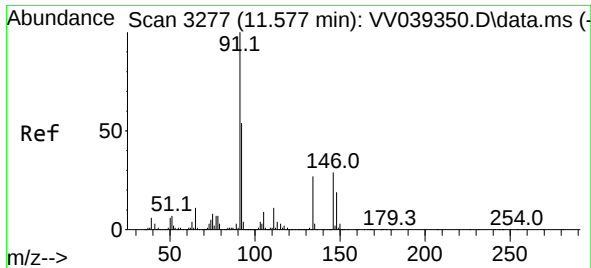
Delta R.T. 0.007 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

Tgt Ion:146	Resp:	53891
Ion Ratio	Lower	Upper
146	100	
111	52.4	18.6 55.8
148	66.4	32.0 96.2





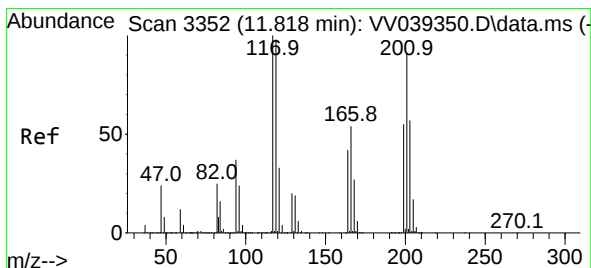
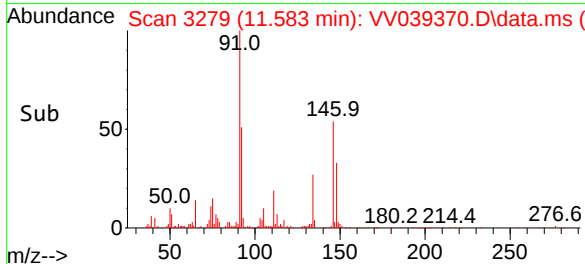
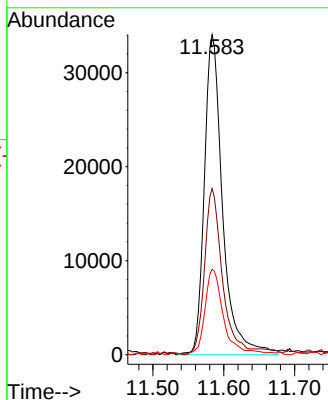
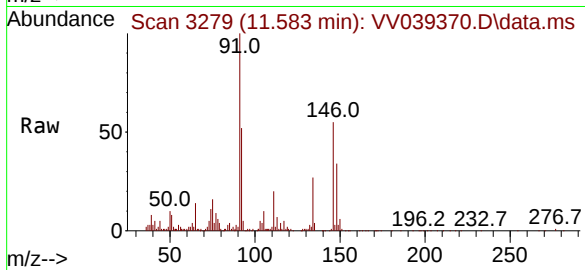
#89
n-Butylbenzene
Concen: 2.501 ug/l
RT: 11.583 min Scan# 31
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion: 91 Resp: 60958
Ion Ratio Lower Upper
91 100
92 50.4 26.9 80.7
134 26.1 13.5 40.5

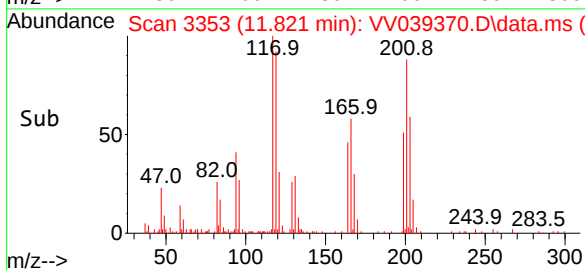
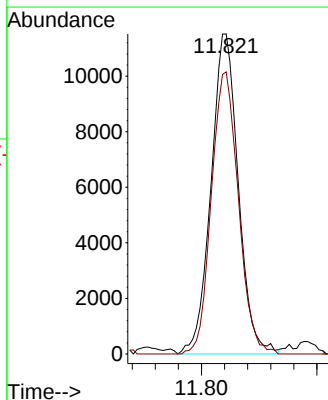
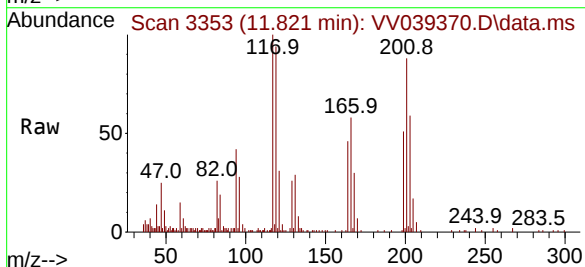
Manual Integrations
APPROVED

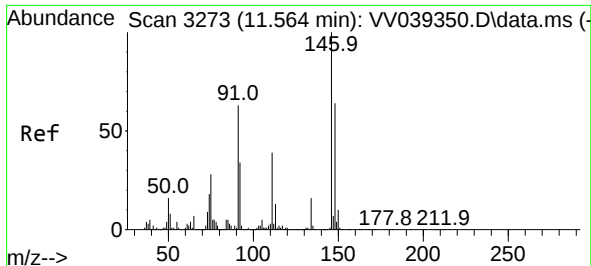
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#90
Hexachloroethane
Concen: 2.780 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion:117 Resp: 18938
Ion Ratio Lower Upper
117 100
201 87.0 45.3 135.8





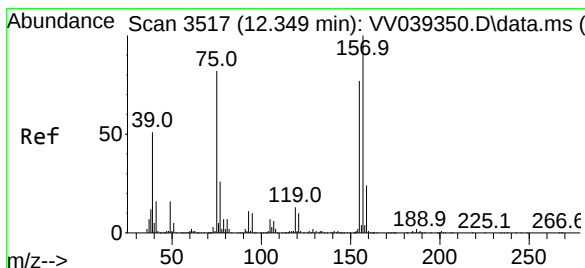
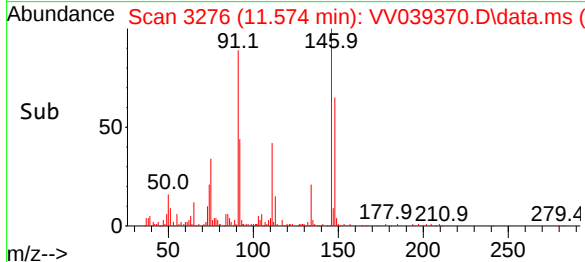
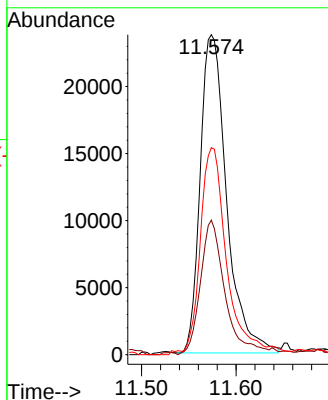
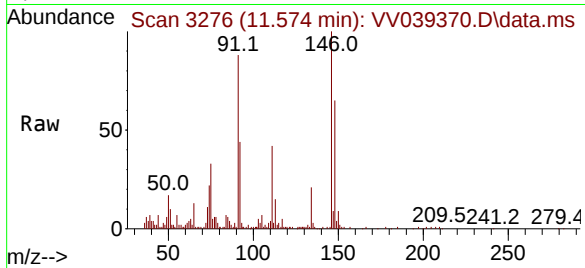
#91
1,2-Dichlorobenzene
Concen: 2.685 ug/l
RT: 11.574 min Scan# 311
Delta R.T. 0.010 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

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

Tgt Ion:146 Resp: 46225
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 65.5 32.0 96.0

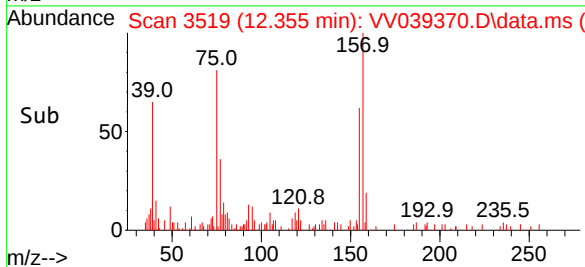
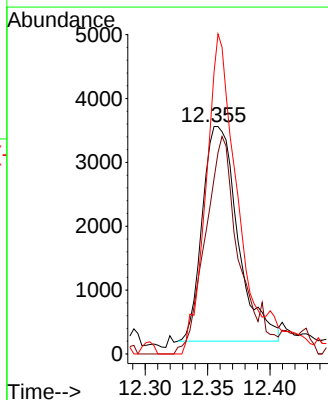
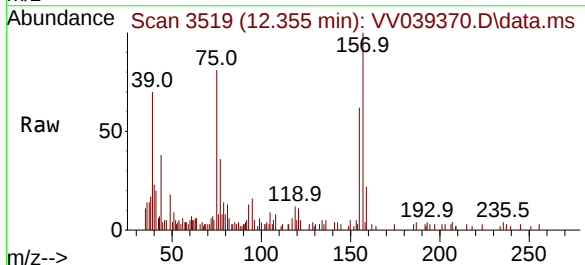
Manual Integrations
APPROVED

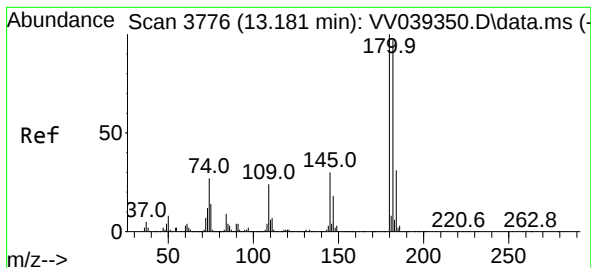
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.508 ug/l
RT: 12.355 min Scan# 3519
Delta R.T. 0.007 min
Lab File: VV039370.D
Acq: 12 Nov 2025 12:40

Tgt Ion: 75 Resp: 6675
Ion Ratio Lower Upper
75 100
155 96.9 47.0 141.2
157 126.6 61.3 183.9





#93

1,2,4-Trichlorobenzene

Concen: 2.678 ug/l

RT: 13.191 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

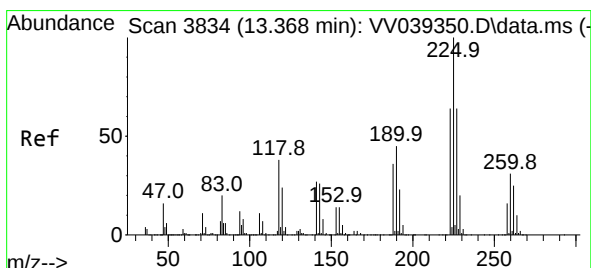
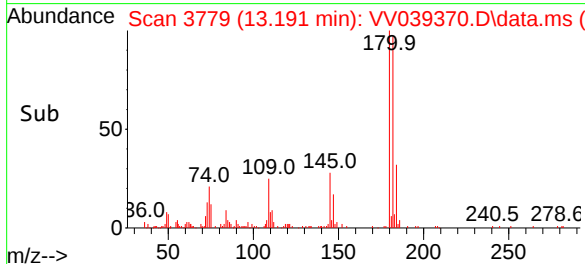
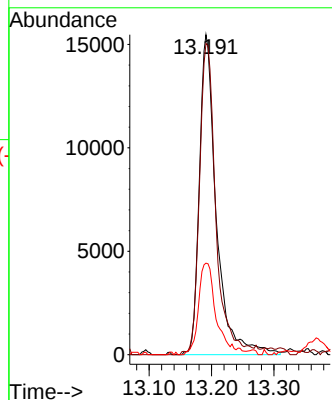
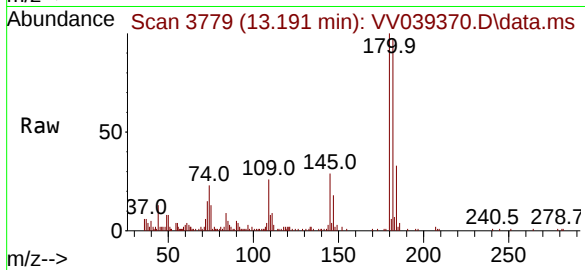
Tgt Ion:180	Resp:	2926
Ion Ratio	Lower	Upper
180	100	
182	92.7	48.5 145.5
145	29.1	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#94

Hexachlorobutadiene

Concen: 3.065 ug/l

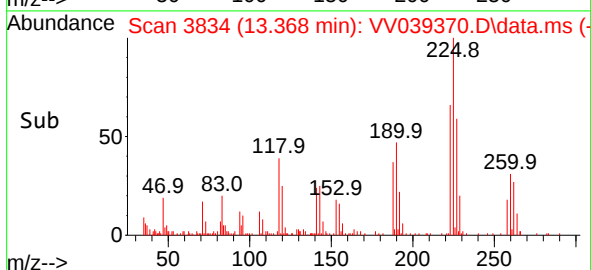
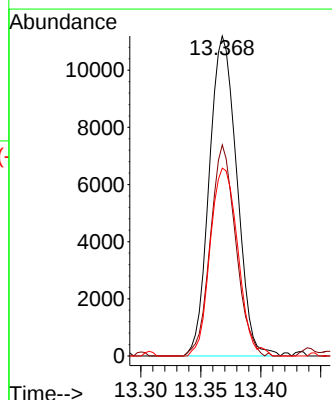
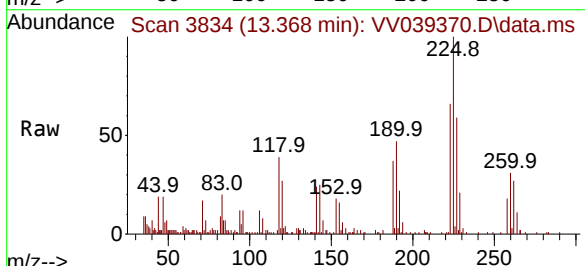
RT: 13.368 min Scan# 3834

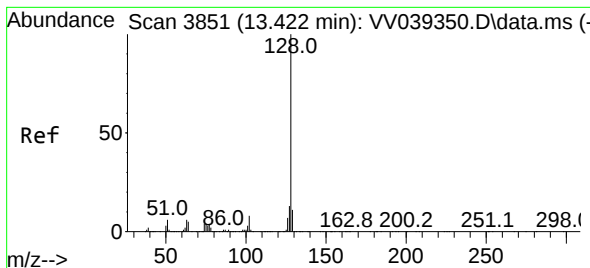
Delta R.T. 0.000 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

Tgt Ion:225	Resp:	17860
Ion Ratio	Lower	Upper
225	100	
223	61.0	31.1 93.5
227	59.1	31.7 95.1





#95

Naphthalene

Concen: 2.313 ug/l

RT: 13.432 min Scan# 3854

Delta R.T. 0.010 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

Instrument :

MSVOA_V

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

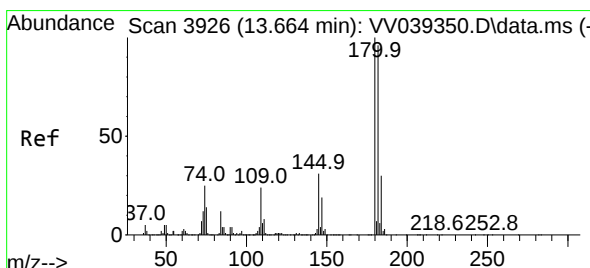
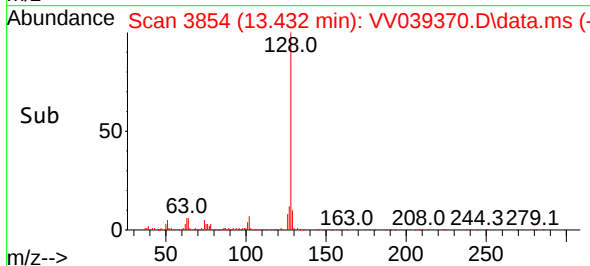
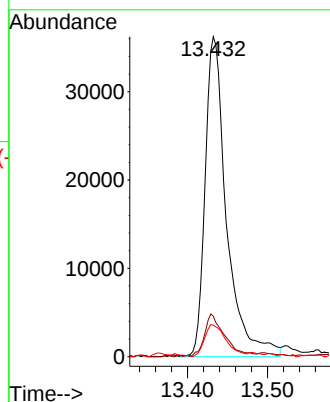
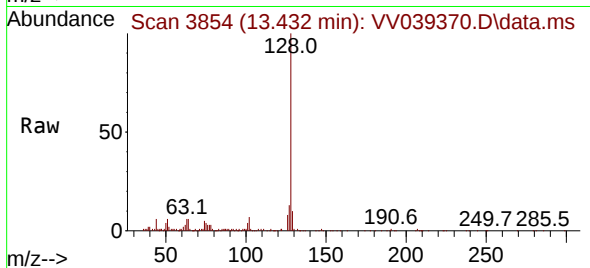
Tgt Ion:	128	Resp:	67708
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.4	15.6
129	10.1	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#96

1,2,3-Trichlorobenzene

Concen: 2.515 ug/l

RT: 13.670 min Scan# 3928

Delta R.T. 0.007 min

Lab File: VV039370.D

Acq: 12 Nov 2025 12:40

Tgt Ion:	180	Resp:	28350
Ion Ratio	Lower	Upper	
180	100		
182	91.3	47.9	143.6
145	28.9	15.3	45.9

