

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
 Data File : VV039372.D
 Acq On : 12 Nov 2025 14:01
 Operator : SY/MD
 Sample : Q3530-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Quant Time: Nov 14 00:22:46 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	771435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1111186	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1063807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	626690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	513823	53.990	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 107.980%			
35) Dibromofluoromethane	4.503	113	443906	52.085	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 104.180%			
50) Toluene-d8	7.236	98	1407128	49.963	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 99.920%			
62) 4-Bromofluorobenzene	9.998	95	525782	48.585	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 97.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	25547	5.547	ug/l	99
3) Chloromethane	1.230	50	25779	5.999	ug/l	98
4) Vinyl Chloride	1.298	62	29453	5.554	ug/l	95
5) Bromomethane	1.494	94	19391	6.142	ug/l	98
6) Chloroethane	1.561	64	23490	6.000	ug/l	90
7) Trichlorofluoromethane	1.725	101	60938	5.643	ug/l	98
8) Diethyl Ether	1.918	74	22784	5.533	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.082	101	38429	5.413	ug/l	96
10) Methyl Iodide	2.198	142	26375	6.032	ug/l	99
11) Tert butyl alcohol	2.571	59	32812	32.183	ug/l	97
12) 1,1-Dichloroethene	2.085	96	29939	5.331	ug/l	96
13) Acrolein	2.008	56	5008	52.356	ug/l	94
14) Allyl chloride	2.362	41	54910	5.488	ug/l	97
15) Acrylonitrile	2.683	53	106318	26.867	ug/l	97
16) Acetone	2.121	43	209134	41.533	ug/l	100
17) Carbon Disulfide	2.252	76	51997	5.858	ug/l	96
18) Methyl Acetate	2.387	43	44926	3.333	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	113039	5.354	ug/l	96
20) Methylene Chloride	2.461	84	41145	5.292	ug/l	92
21) trans-1,2-Dichloroethene	2.709	96	29763	5.344	ug/l	98
22) Diisopropyl ether	3.217	45	111877	5.146	ug/l #	29
23) Vinyl Acetate	3.204	43	442894	28.844	ug/l	96
24) 1,1-Dichloroethane	3.124	63	75100	5.681	ug/l	98
25) 2-Butanone	3.886	43	171501	32.643	ug/l	99
26) 2,2-Dichloropropane	3.812	77	64425	5.795	ug/l	99
27) cis-1,2-Dichloroethene	3.834	96	42084	5.564	ug/l	91
28) Bromochloromethane	4.162	49	23697	4.099	ug/l #	98
29) Tetrahydrofuran	4.249	42	75212	25.574	ug/l	95
30) Chloroform	4.285	83	82237	5.633	ug/l	100
31) Cyclohexane	4.587	56	54787	6.622	ug/l #	84
32) 1,1,1-Trichloroethane	4.513	97	69640	5.704	ug/l	94
36) 1,1-Dichloropropene	4.764	75	36504	4.973	ug/l	97
37) Ethyl Acetate	4.011	43	56880m	5.044	ug/l	
38) Carbon Tetrachloride	4.738	117	57163	5.242	ug/l	97
39) Methylcyclohexane	6.047	83	42430	5.429	ug/l	97
40) Benzene	5.018	78	142145	5.537	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.191	41	13085	3.249	ug/l #	69
42) 1,2-Dichloroethane	5.053	62	58619	5.860	ug/l	86
43) Isopropyl Acetate	5.207	43	72328	4.814	ug/l #	94
44) Trichloroethene	5.841	130	38344	5.505	ug/l	92
45) 1,2-Dichloropropane	6.095	63	36150	5.205	ug/l	97
46) Dibromomethane	6.239	93	29826	5.340	ug/l	97
47) Bromodichloromethane	6.432	83	63859	5.279	ug/l	100
48) Methyl methacrylate	6.317	41	29059	4.153	ug/l	96
49) 1,4-Dioxane	6.310	88	8770m	81.380	ug/l	
51) 4-Methyl-2-Pentanone	7.149	43	285028	27.755	ug/l	92
52) Toluene	7.317	92	91299	5.676	ug/l	95
53) t-1,3-Dichloropropene	7.587	75	55890	5.370	ug/l	97
54) cis-1,3-Dichloropropene	6.956	75	56599	5.122	ug/l	98
55) 1,1,2-Trichloroethane	7.767	97	42674	5.240	ug/l	97
56) Ethyl methacrylate	7.725	69	46542	4.733	ug/l	95
57) 1,3-Dichloropropane	7.940	76	66061	5.274	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.821	63	76039	27.191	ug/l	100
59) 2-Hexanone	8.069	43	216983	29.564	ug/l	95
60) Dibromochloromethane	8.172	129	55187	5.288	ug/l	100
61) 1,2-Dibromoethane	8.281	107	42153	5.310	ug/l	100
64) Tetrachloroethene	7.902	164	34542	5.254	ug/l	96
65) Chlorobenzene	8.805	112	110297	5.208	ug/l	96
66) 1,1,1,2-Tetrachloroethane	8.898	131	47809	5.411	ug/l	95
67) Ethyl Benzene	8.940	91	154760	5.052	ug/l	100
68) m/p-Xylenes	9.066	106	112549	9.730	ug/l	96
69) o-Xylene	9.471	106	53793	4.915	ug/l	100
70) Styrene	9.493	104	90601	4.631	ug/l	98
71) Bromoform	9.657	173	44098	5.376	ug/l #	96
73) Isopropylbenzene	9.857	105	151307	4.944	ug/l	99
74) N-amyl acetate	9.731	43	59123	4.931	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.169	83	75678	5.678	ug/l	99
76) 1,2,3-Trichloropropane	10.201	75	50761	5.218	ug/l	98
77) Bromobenzene	10.146	156	53245	5.637	ug/l	96
78) n-propylbenzene	10.281	91	182645	5.210	ug/l	99
79) 2-Chlorotoluene	10.349	91	117267	5.226	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	122656	4.902	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	17898	4.932	ug/l	95
82) 4-Chlorotoluene	10.468	91	133152	5.307	ug/l	100
83) tert-Butylbenzene	10.789	119	137858	5.013	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	115653	4.745	ug/l	96
85) sec-Butylbenzene	11.011	105	163107	5.002	ug/l	100
86) p-Isopropyltoluene	11.168	119	142603	5.068	ug/l	98
87) 1,3-Dichlorobenzene	11.107	146	96748	5.340	ug/l	98
88) 1,4-Dichlorobenzene	11.197	146	106028	5.368	ug/l	96
89) n-Butylbenzene	11.583	91	123639	4.927	ug/l	96
90) Hexachloroethane	11.818	117	37028	5.280	ug/l	95
91) 1,2-Dichlorobenzene	11.570	146	93567	5.278	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.358	75	14355	5.239	ug/l	99
93) 1,2,4-Trichlorobenzene	13.188	180	55659	4.948	ug/l	97
94) Hexachlorobutadiene	13.368	225	32865	5.478	ug/l	96
95) Naphthalene	13.429	128	134146	4.450	ug/l	98
96) 1,2,3-Trichlorobenzene	13.670	180	56984	4.910	ug/l	98

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

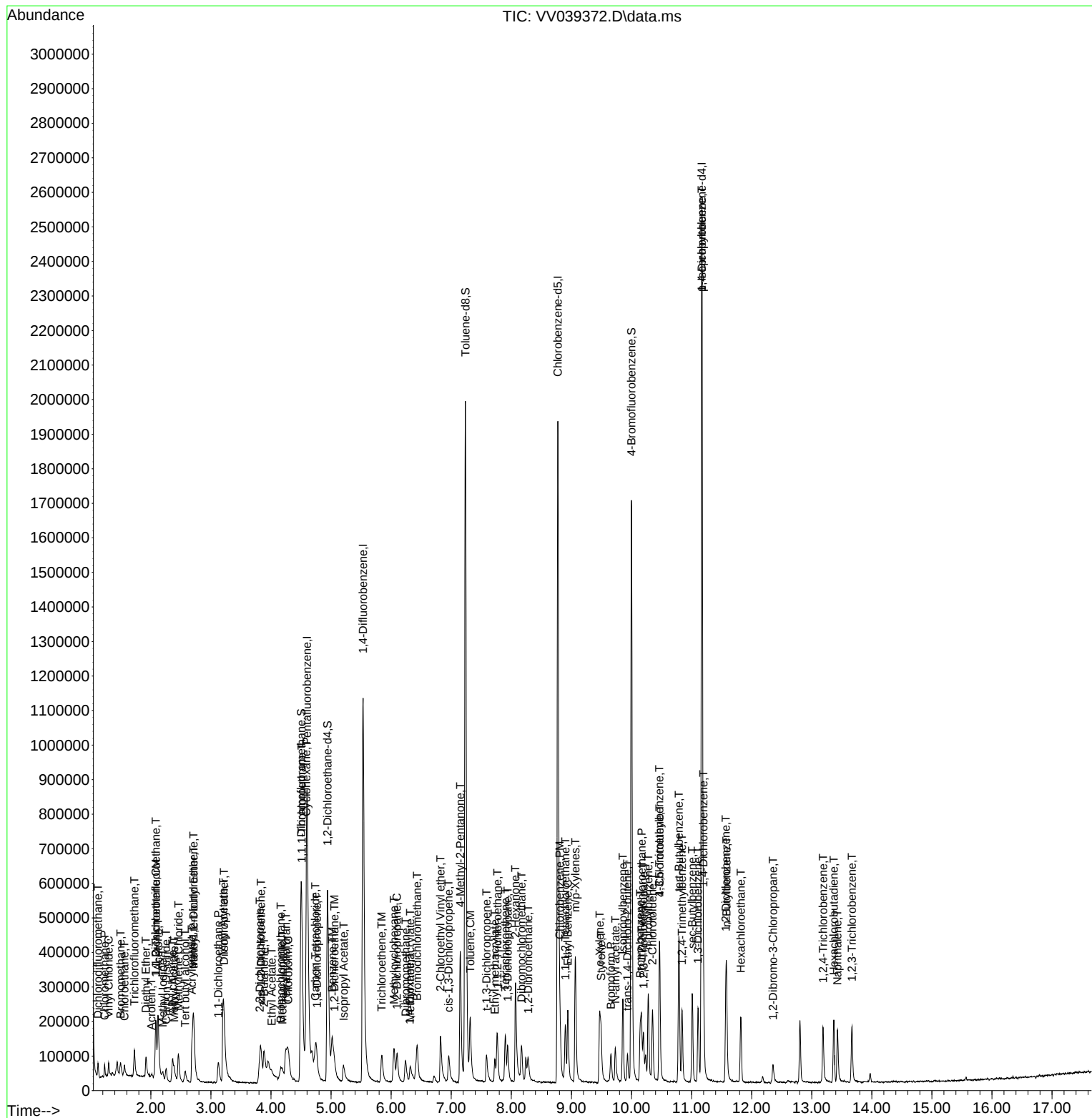
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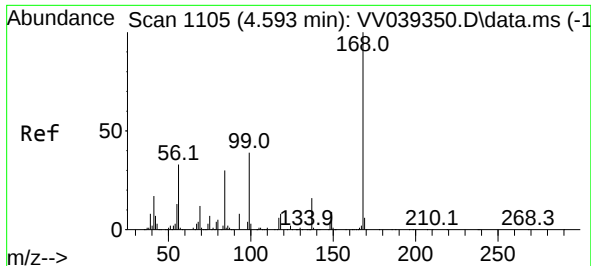
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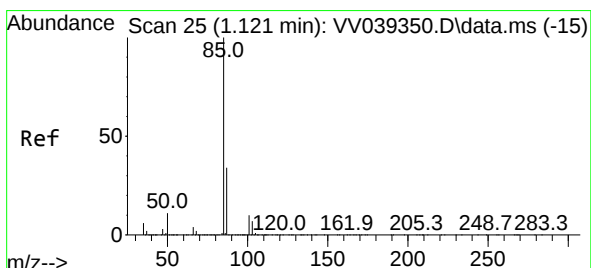
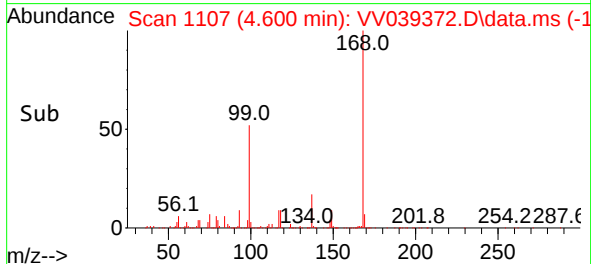
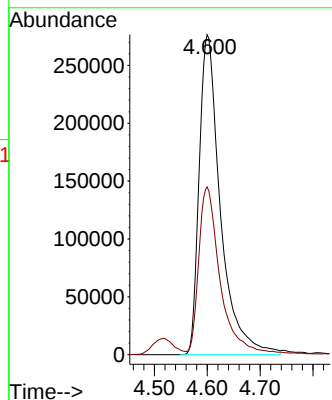
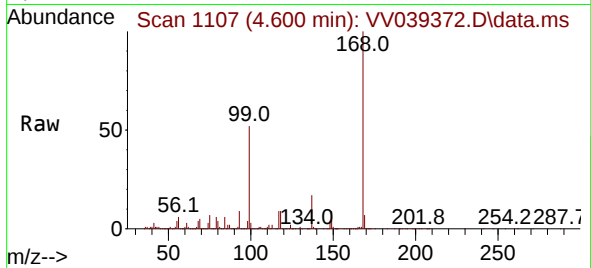
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:168 Resp: 77143
Ion Ratio Lower Upper
168 100
99 51.6 41.2 61.8

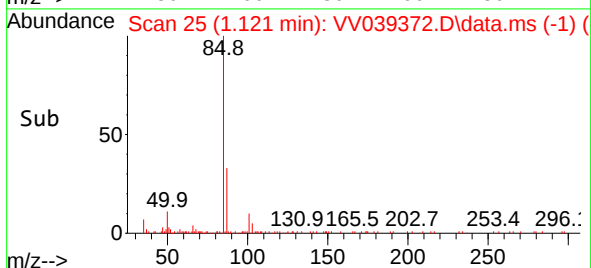
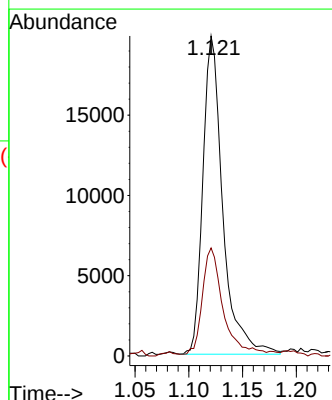
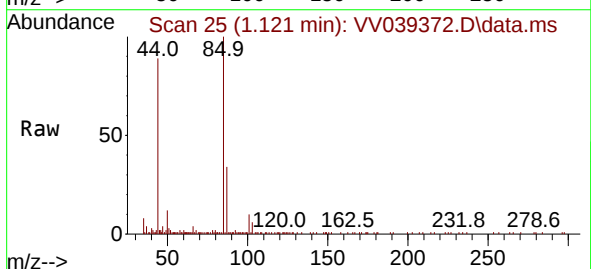
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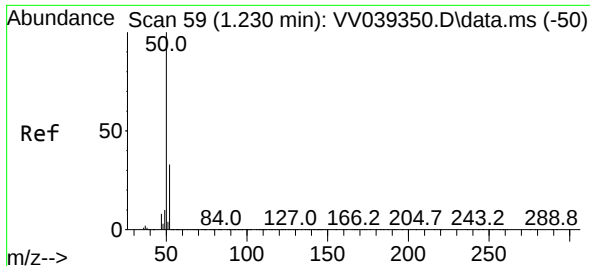
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#2
Dichlorodifluoromethane
Concen: 5.547 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

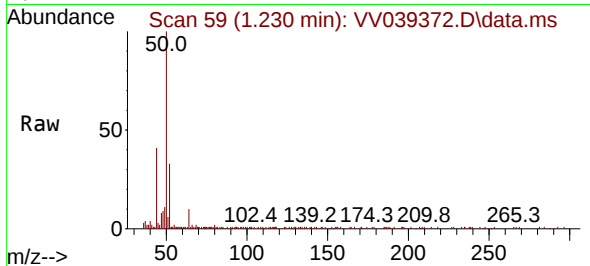
Tgt Ion: 85 Resp: 25547
Ion Ratio Lower Upper
85 100
87 33.4 16.9 50.7





#3
Chloromethane
Concen: 5.999 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

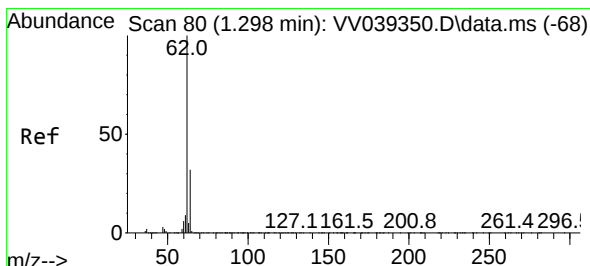
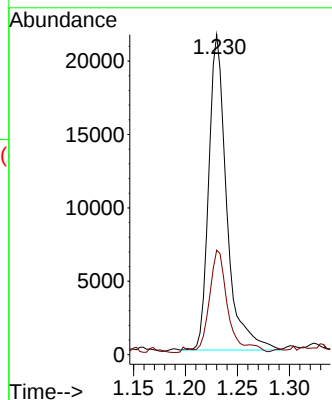
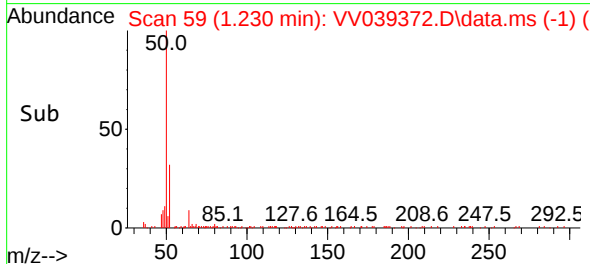
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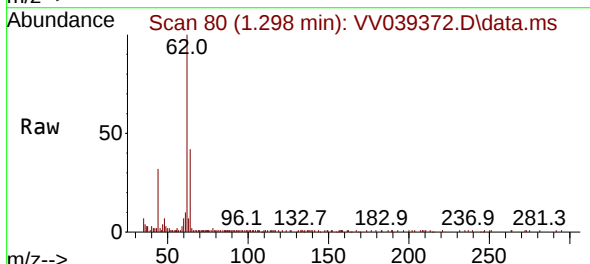
Tgt Ion: 50 Resp: 25779
Ion Ratio Lower Upper
50 100
52 32.3 26.6 39.8

Manual Integrations
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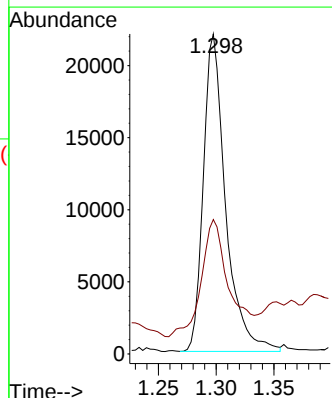
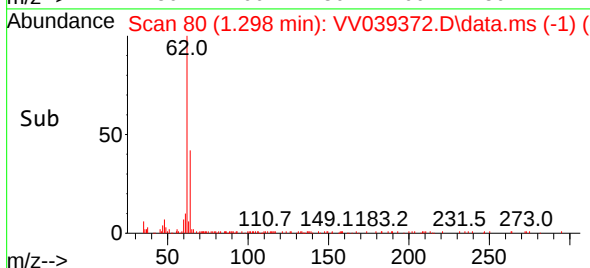
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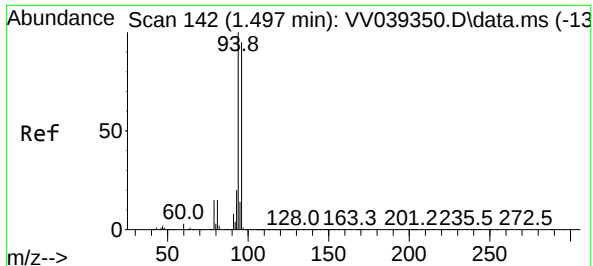


#4
Vinyl Chloride
Concen: 5.554 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01



Tgt Ion: 62 Resp: 29453
Ion Ratio Lower Upper
62 100
64 34.2 25.3 37.9





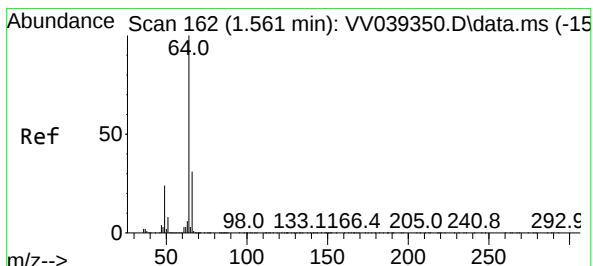
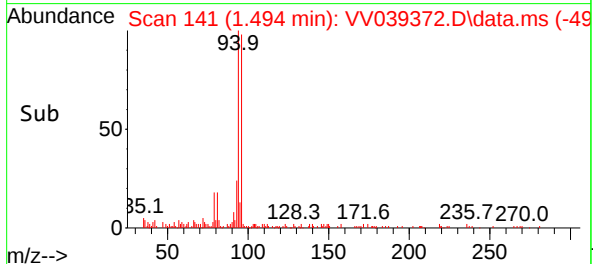
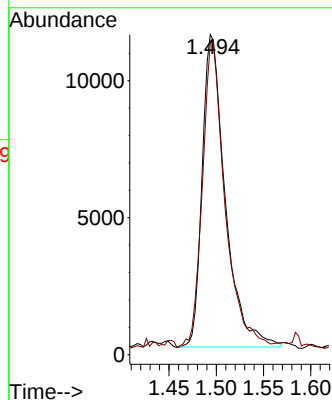
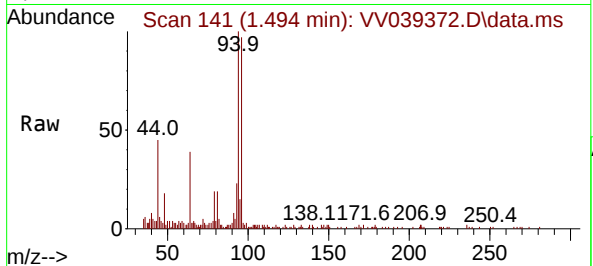
#5
Bromomethane
Concen: 6.142 ug/l
RT: 1.494 min Scan# 142
Delta R.T. -0.003 min
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Tgt Ion: 94 Resp: 1939
Ion Ratio Lower Upper
94 100
96 96.9 75.6 113.4

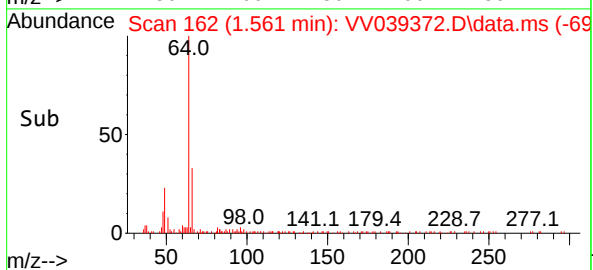
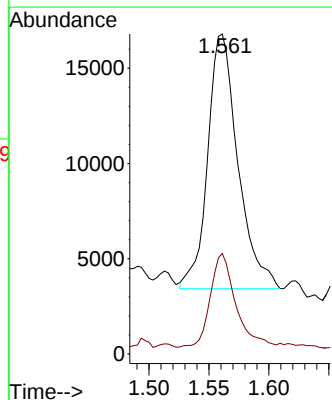
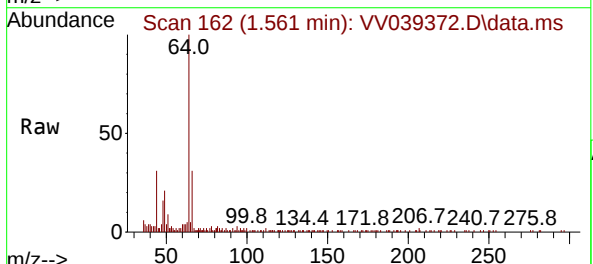
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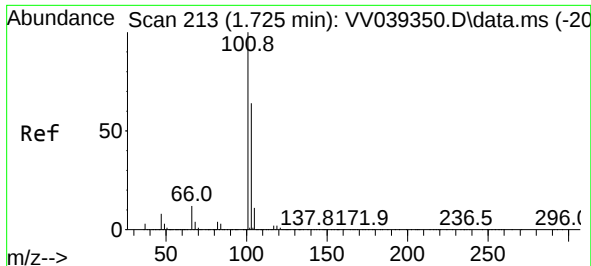
Reviewed By :John Carlone 11/14/2025
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#6
Chloroethane
Concen: 6.000 ug/l
RT: 1.561 min Scan# 162
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

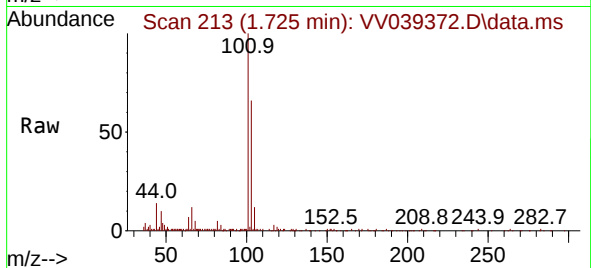
Tgt Ion: 64 Resp: 23490
Ion Ratio Lower Upper
64 100
66 36.6 24.7 37.1





#7
Trichlorofluoromethane
Concen: 5.643 ug/l
RT: 1.725 min Scan# 213
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

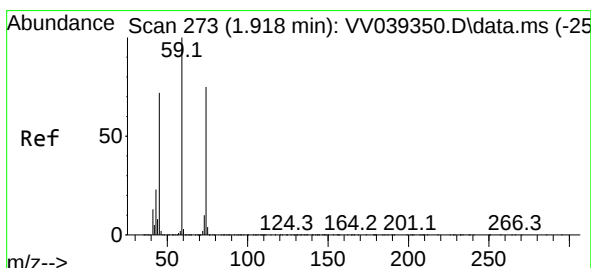
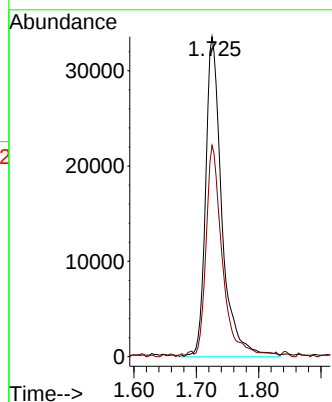
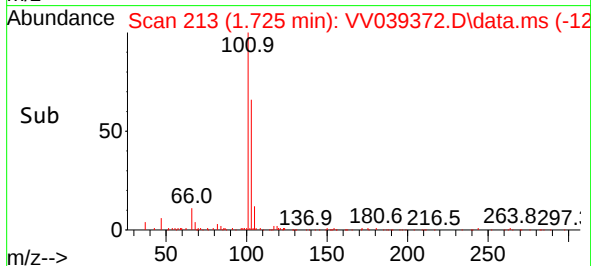
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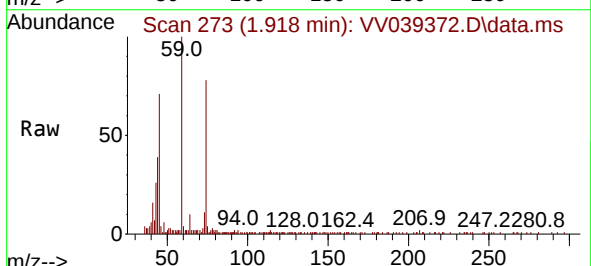
Tgt Ion:101 Resp: 60938
Ion Ratio Lower Upper
101 100
103 65.4 50.9 76.3

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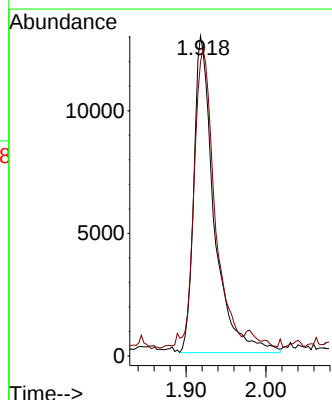
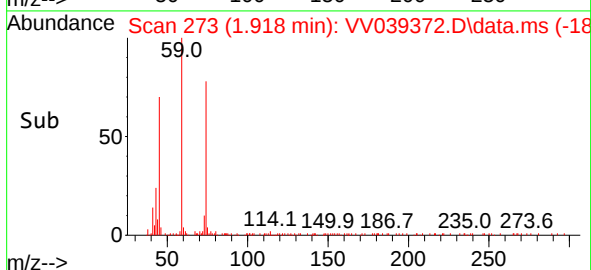
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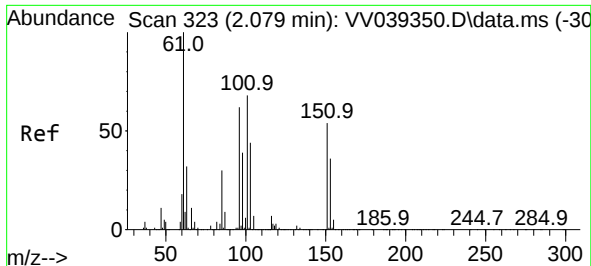


#8
Diethyl Ether
Concen: 5.533 ug/l
RT: 1.918 min Scan# 273
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01



Tgt Ion: 74 Resp: 22784
Ion Ratio Lower Upper
74 100
45 96.2 50.6 151.8





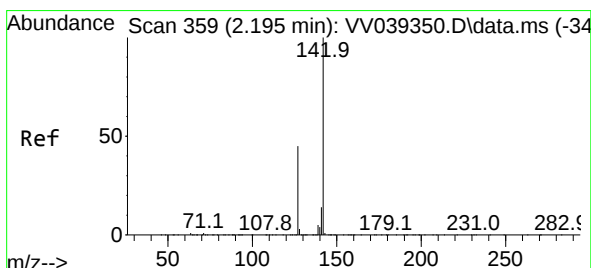
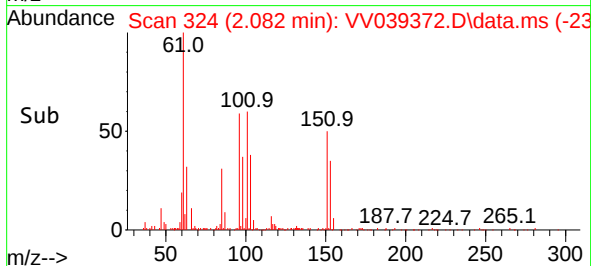
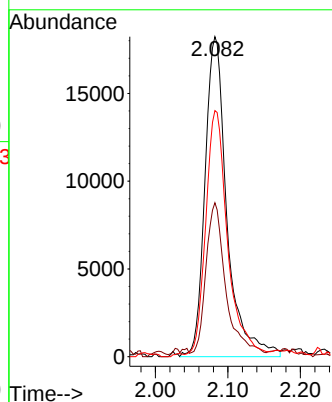
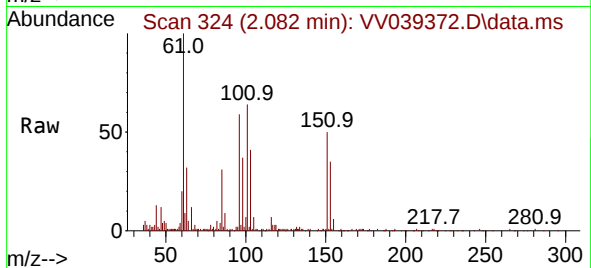
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.413 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:101 Resp: 38429
Ion Ratio Lower Upper
101 100
85 41.0 33.5 50.3
151 74.9 63.6 95.4

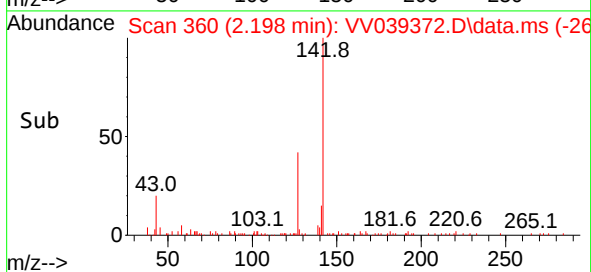
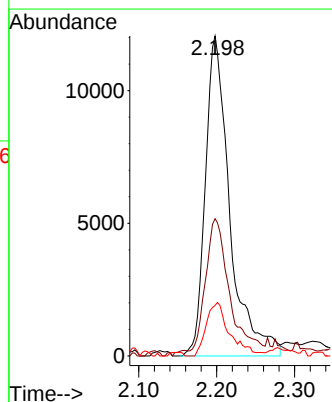
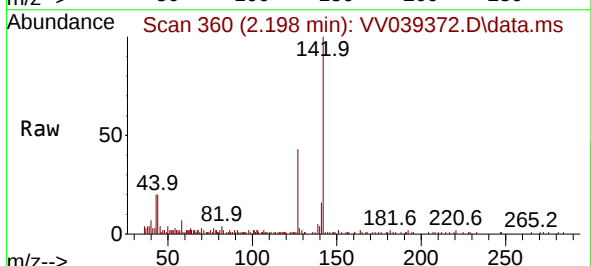
Manual Integrations
APPROVED

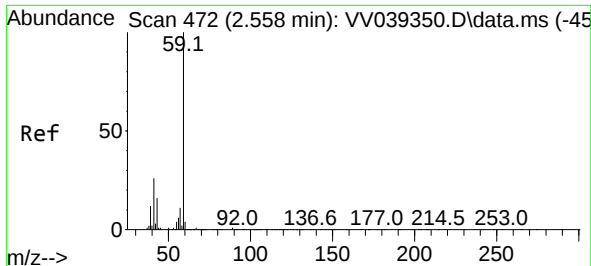
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#10
Methyl Iodide
Concen: 6.032 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

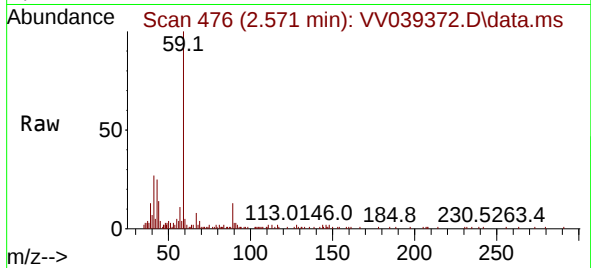
Tgt Ion:142 Resp: 26375
Ion Ratio Lower Upper
142 100
127 43.9 35.1 52.7
141 15.9 11.9 17.9





#11
Tert butyl alcohol
Concen: 32.183 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

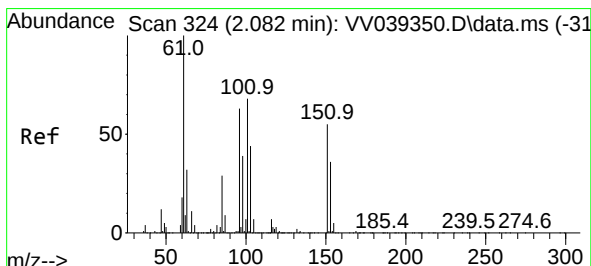
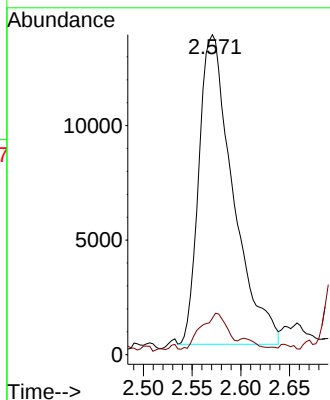
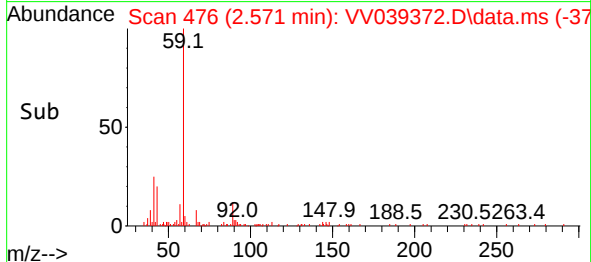
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



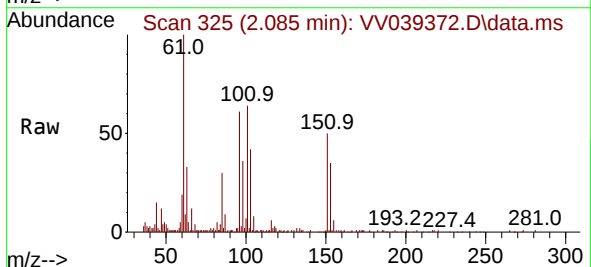
Tgt Ion: 59 Resp: 3281
Ion Ratio Lower Upper
59 100
57 8.9 8.0 12.0

Manual Integrations
APPROVED

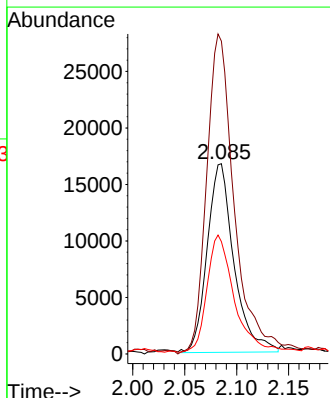
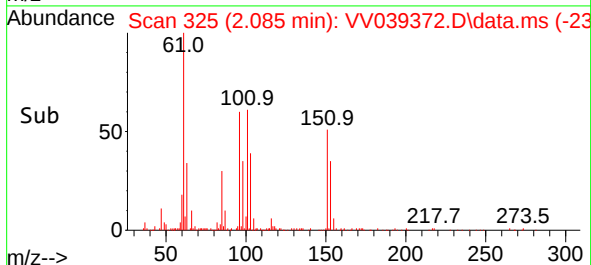
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

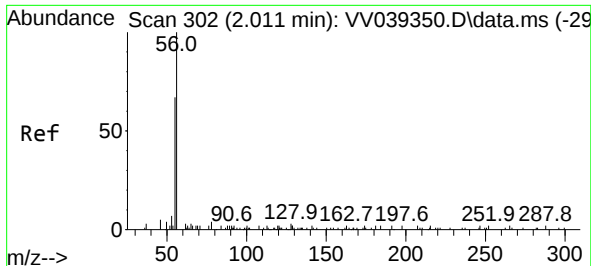


#12
1,1-Dichloroethene
Concen: 5.331 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01



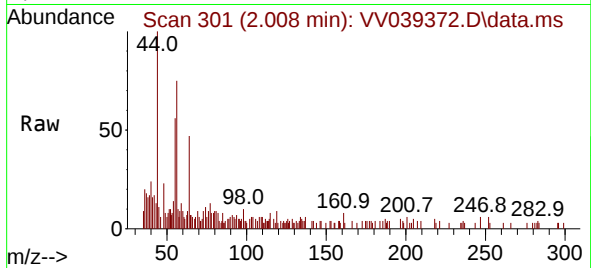
Tgt Ion: 96 Resp: 29939
Ion Ratio Lower Upper
96 100
61 164.8 127.8 191.6
98 58.7 50.2 75.2





#13
Acrolein
Concen: 52.356 ug/l
RT: 2.008 min Scan# 302
Delta R.T. -0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

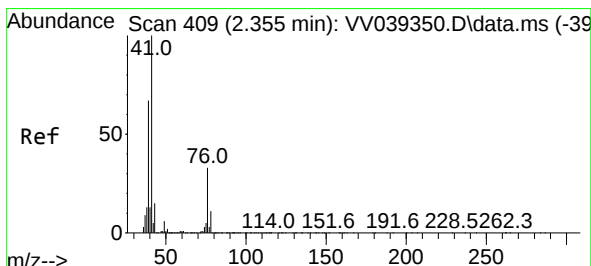
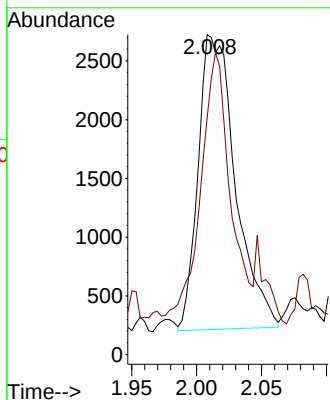
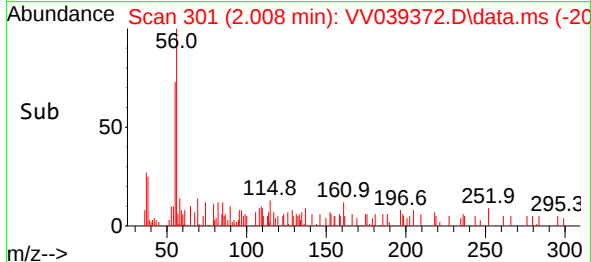
Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 56 Resp: 5008
Ion Ratio Lower Upper
56 100
55 73.8 55.2 82.8

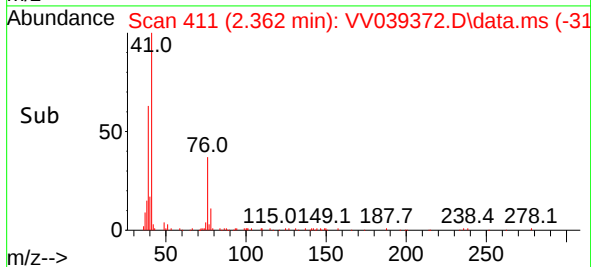
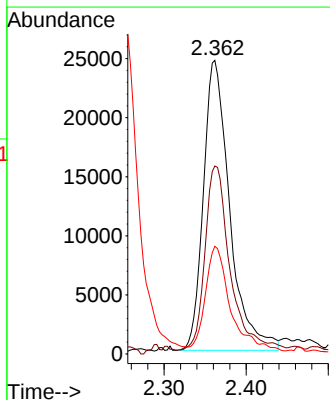
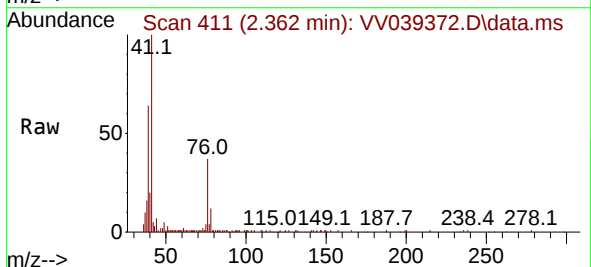
Manual Integrations
APPROVED

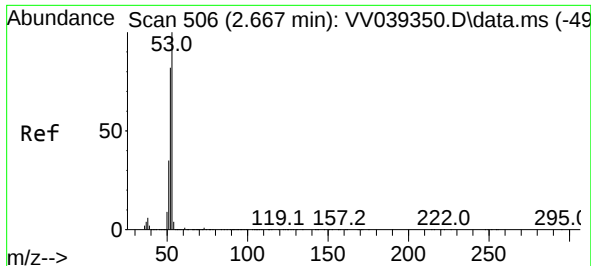
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#14
Allyl chloride
Concen: 5.488 ug/l
RT: 2.362 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

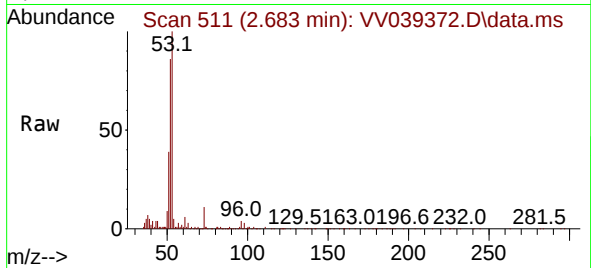
Tgt Ion: 41 Resp: 54910
Ion Ratio Lower Upper
41 100
39 60.1 50.7 76.1
76 34.3 27.0 40.6





#15
Acrylonitrile
Concen: 26.867 ug/l
RT: 2.683 min Scan# 511
Delta R.T. 0.016 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

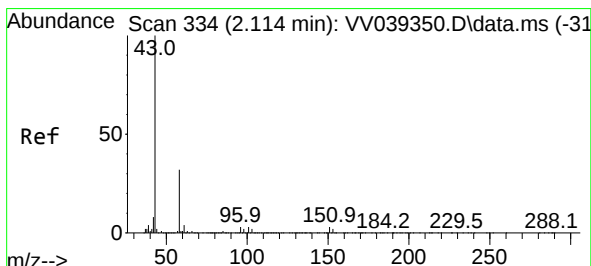
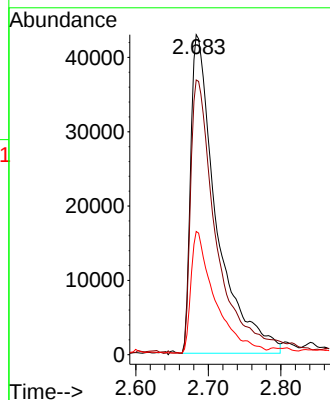
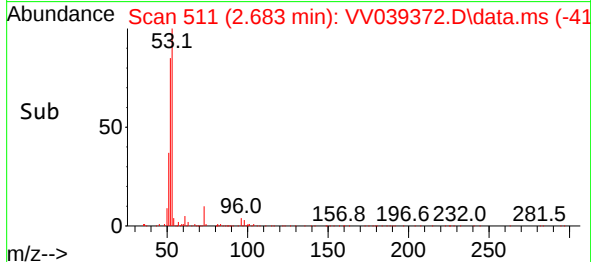
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 53 Resp: 106318
Ion Ratio Lower Upper
53 100
52 85.5 65.2 97.8
51 35.6 28.4 42.6

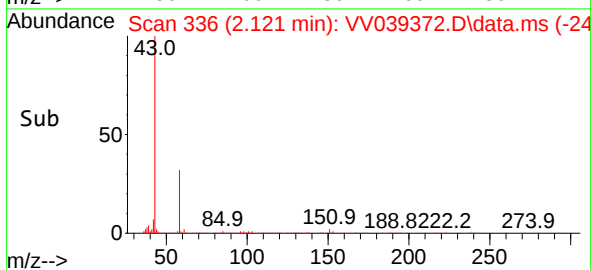
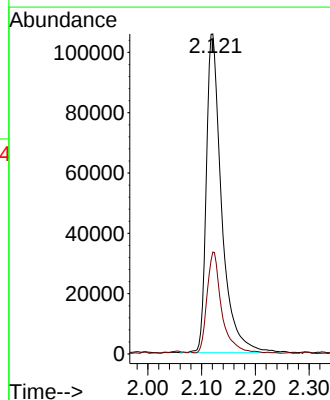
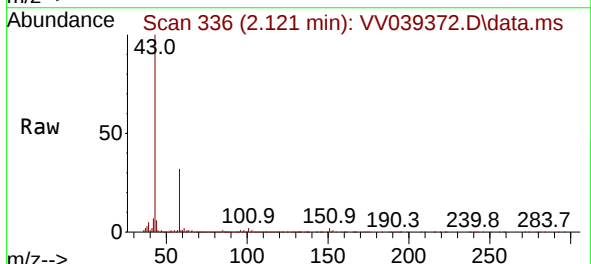
Manual Integrations
APPROVED

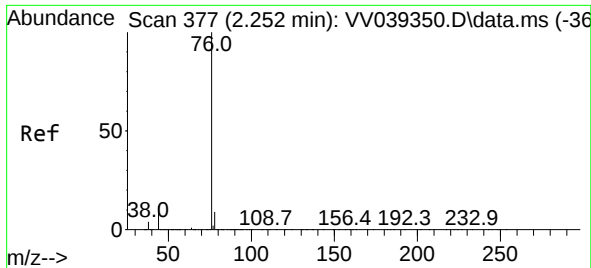
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#16
Acetone
Concen: 41.533 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 43 Resp: 209134
Ion Ratio Lower Upper
43 100
58 31.7 25.5 38.3





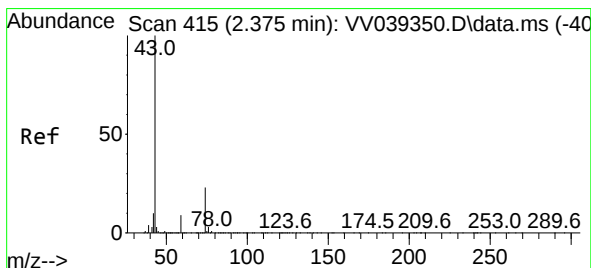
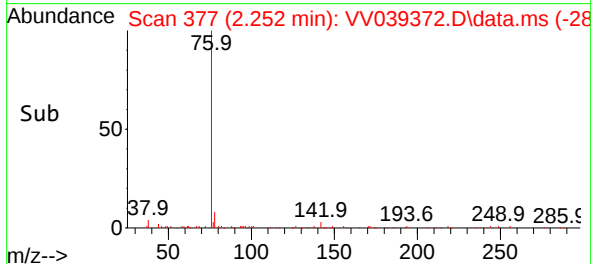
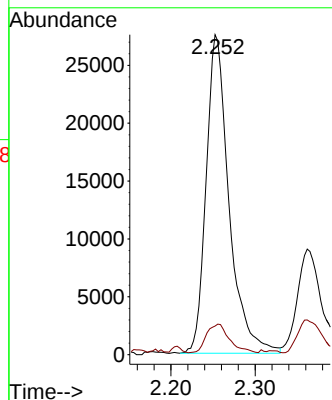
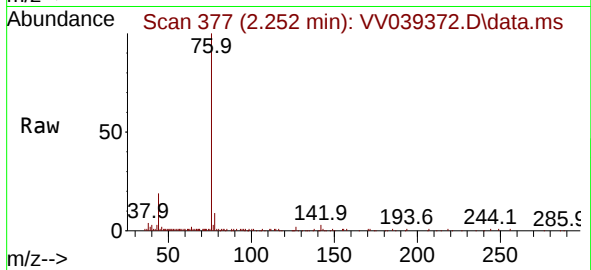
#17
Carbon Disulfide
Concen: 5.858 ug/l
RT: 2.252 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 76 Resp: 5199
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

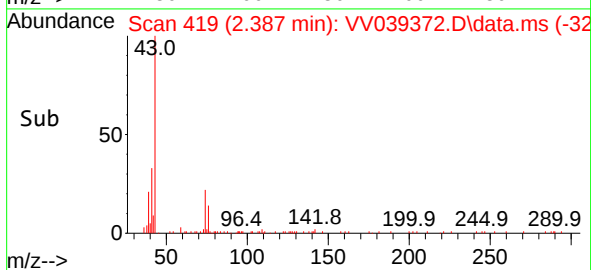
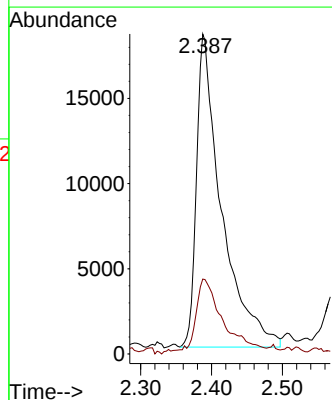
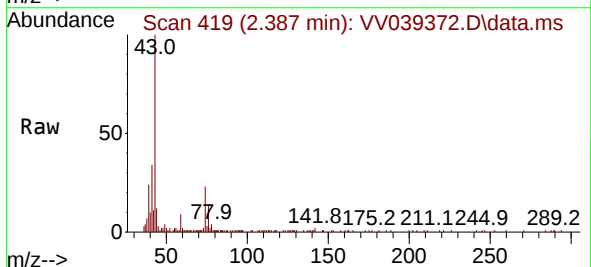
Manual Integrations
APPROVED

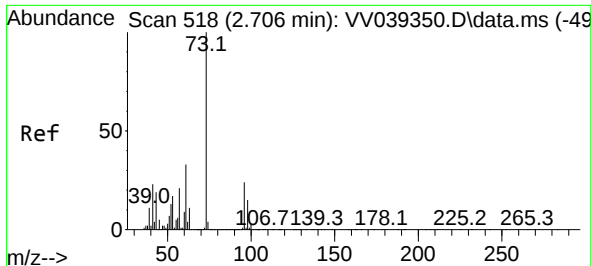
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#18
Methyl Acetate
Concen: 3.333 ug/l
RT: 2.387 min Scan# 419
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 43 Resp: 44926
Ion Ratio Lower Upper
43 100
74 23.1 18.9 28.3





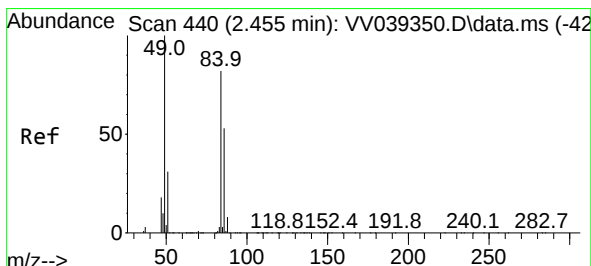
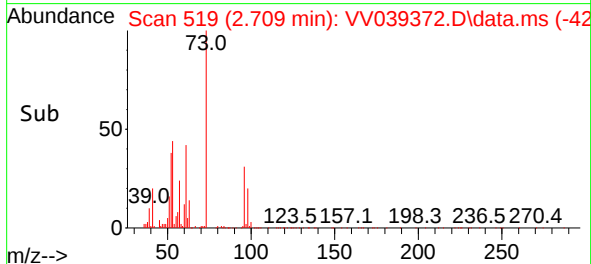
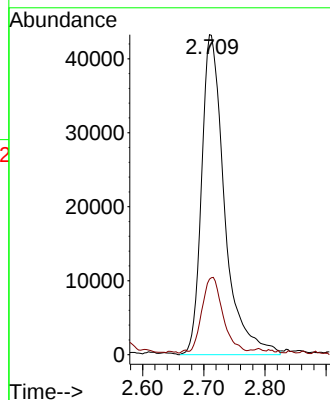
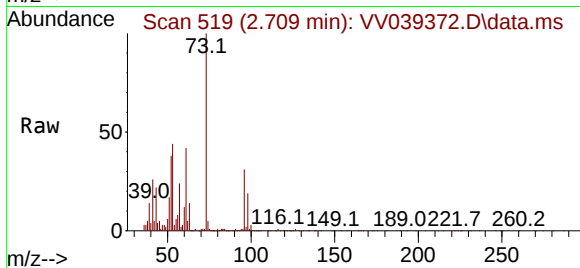
#19
Methyl tert-butyl Ether
Concen: 5.354 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 73 Resp: 113039
Ion Ratio Lower Upper
73 100
57 23.0 17.0 25.6

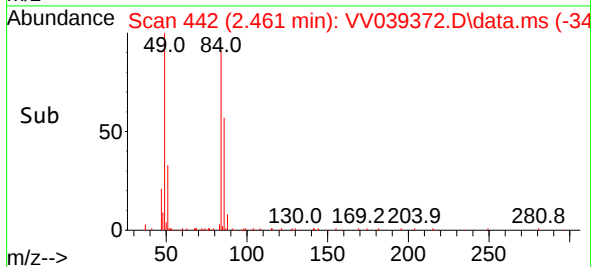
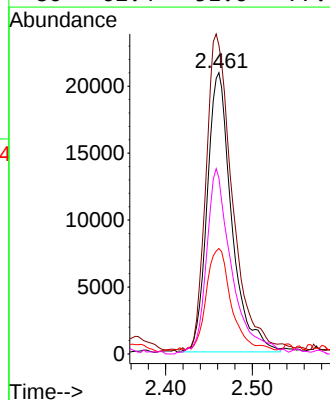
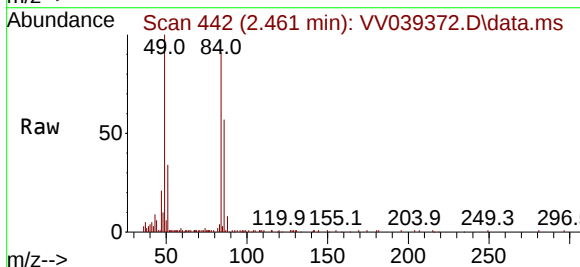
Manual Integrations
APPROVED

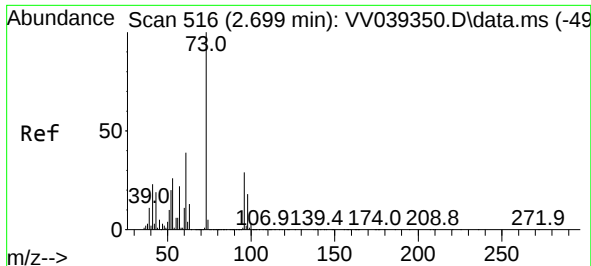
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#20
Methylene Chloride
Concen: 5.292 ug/l
RT: 2.461 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

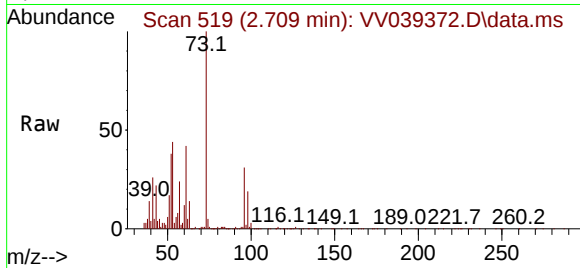
Tgt Ion: 84 Resp: 41145
Ion Ratio Lower Upper
84 100
49 107.7 97.8 146.8
51 36.1 30.2 45.4
86 62.4 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 5.344 ug/l
RT: 2.709 min Scan# 516
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

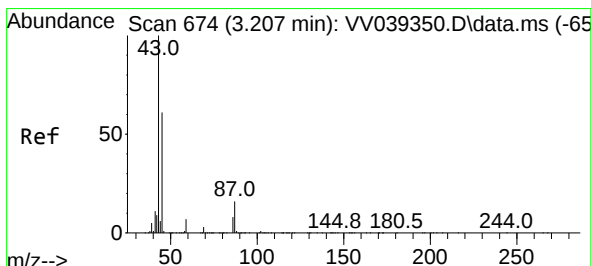
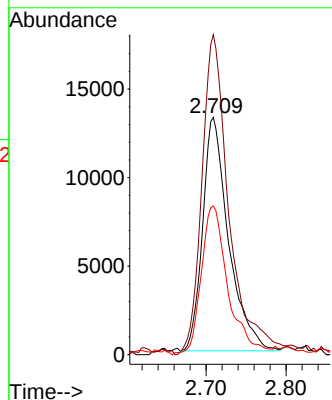
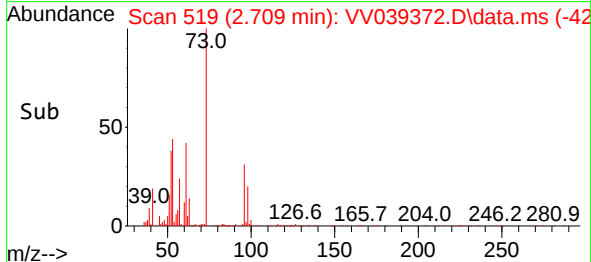
Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 96 Resp: 2976
Ion Ratio Lower Upper
96 100
61 134.4 108.9 163.3
98 62.7 51.7 77.5

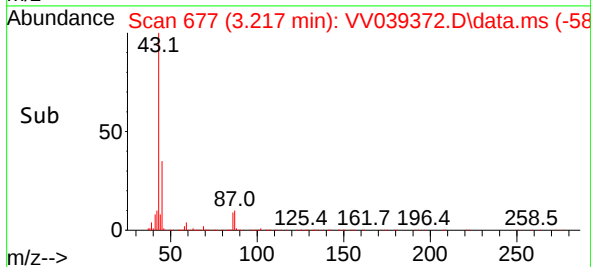
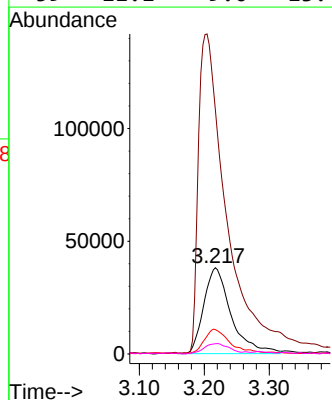
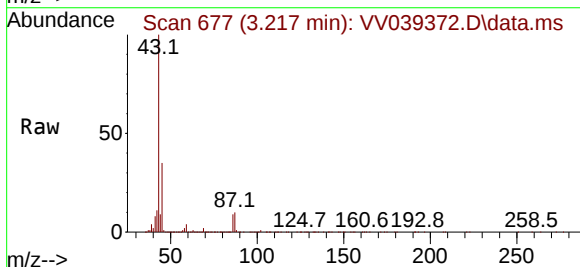
Manual Integrations
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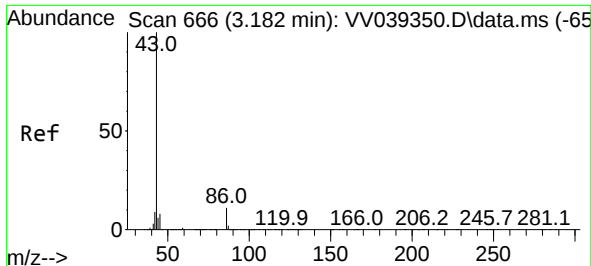
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#22
Diisopropyl ether
Concen: 5.146 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 45 Resp: 111877
Ion Ratio Lower Upper
45 100
43 282.6 132.1 198.1#
87 27.2 21.8 32.6
59 11.1 9.0 13.4





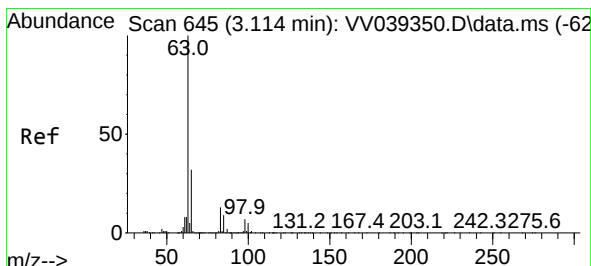
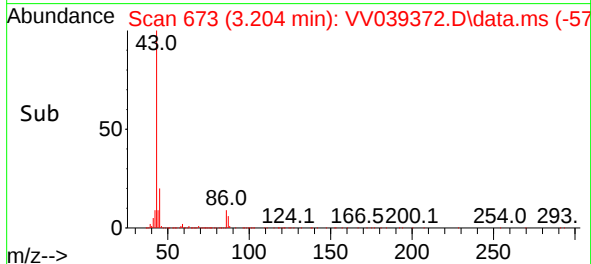
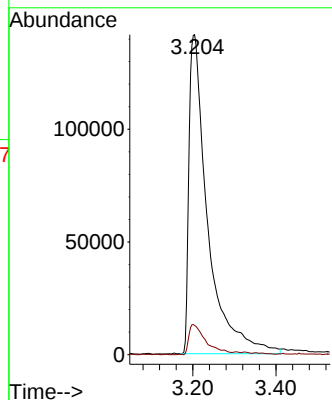
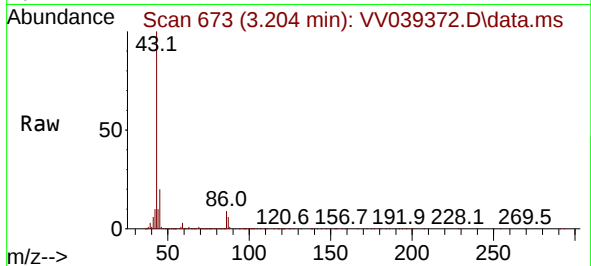
#23
 Vinyl Acetate
 Concen: 28.844 ug/l
 RT: 3.204 min Scan# 61
 Delta R.T. 0.022 min
 Lab File: VV039372.D
 Acq: 12 Nov 2025 14:01

Instrument :
 MSVOA_V
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Tgt Ion: 43 Resp: 442894
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.6 12.8

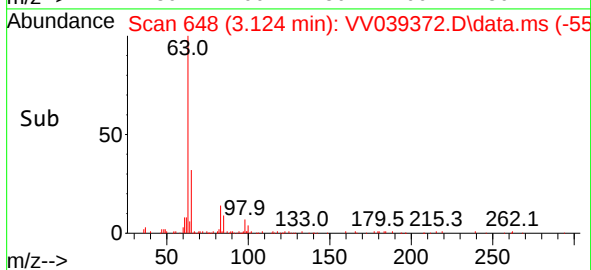
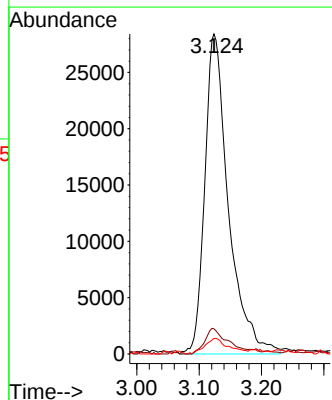
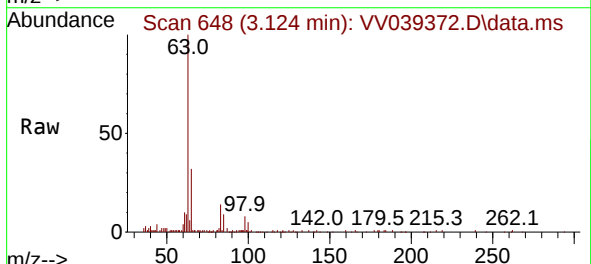
Manual Integrations
 APPROVED

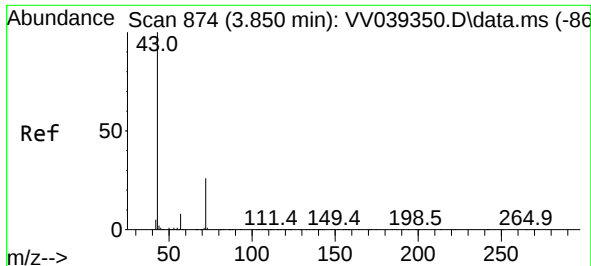
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#24
 1,1-Dichloroethane
 Concen: 5.681 ug/l
 RT: 3.124 min Scan# 648
 Delta R.T. 0.010 min
 Lab File: VV039372.D
 Acq: 12 Nov 2025 14:01

Tgt Ion: 63 Resp: 75100
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.5
 100 4.0 2.3 6.9





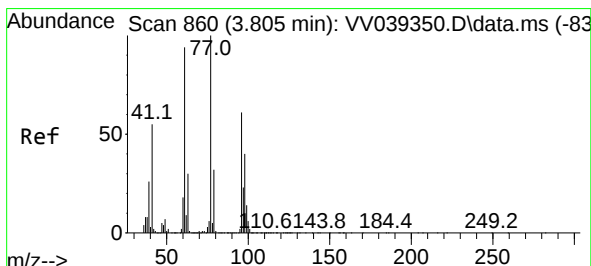
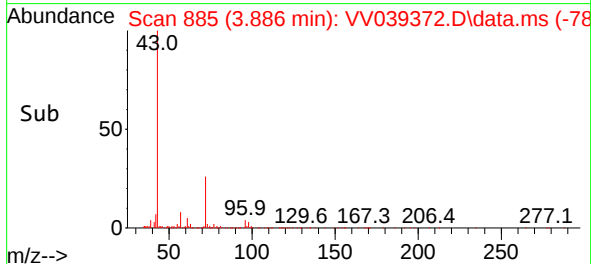
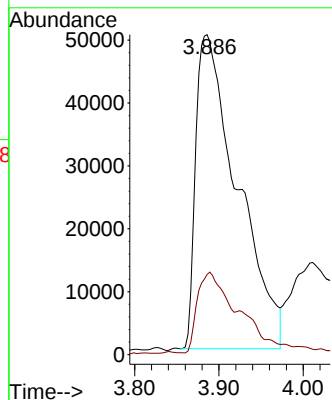
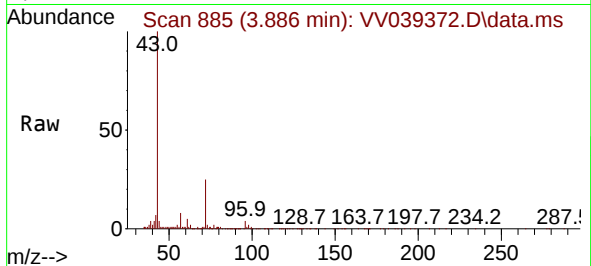
#25
2-Butanone
Concen: 32.643 ug/l
RT: 3.886 min Scan# 885
Delta R.T. 0.035 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 43 Resp: 17150
Ion Ratio Lower Upper
43 100
72 24.9 20.5 30.7

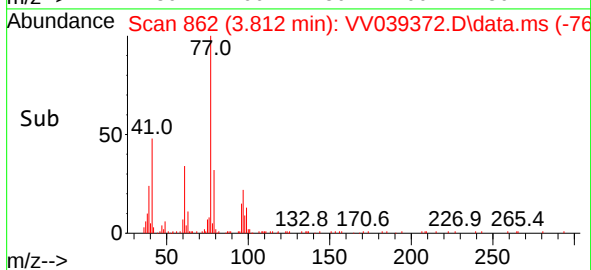
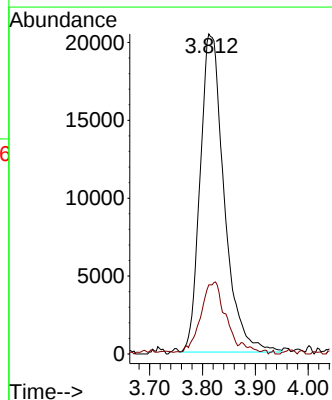
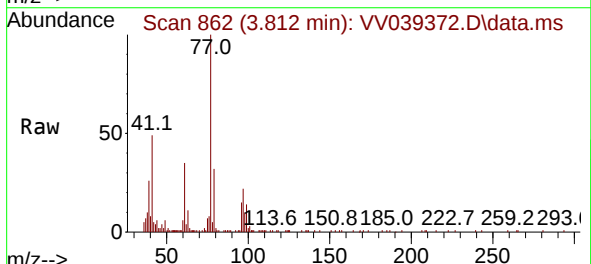
Manual Integrations
APPROVED

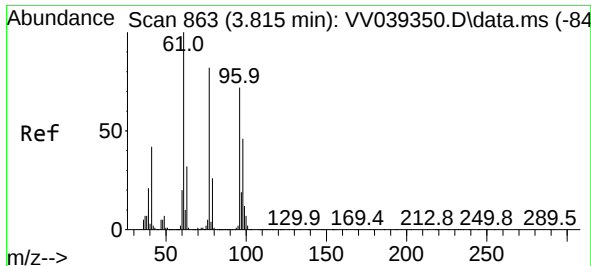
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#26
2,2-Dichloropropane
Concen: 5.795 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

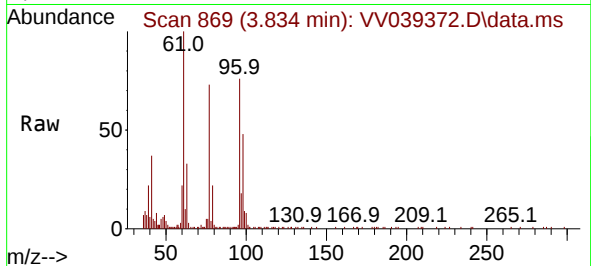
Tgt Ion: 77 Resp: 64425
Ion Ratio Lower Upper
77 100
97 21.8 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 5.564 ug/l
 RT: 3.834 min Scan# 801
 Delta R.T. 0.019 min
 Lab File: VV039372.D
 Acq: 12 Nov 2025 14:01

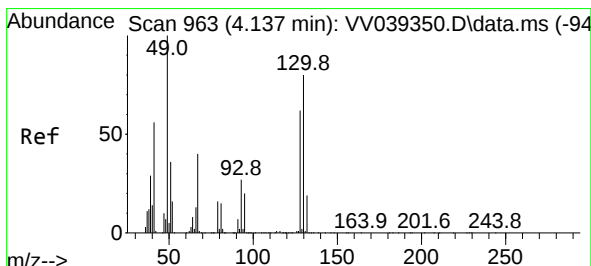
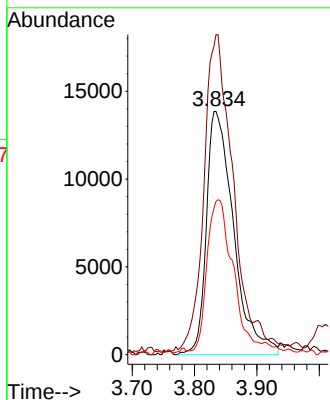
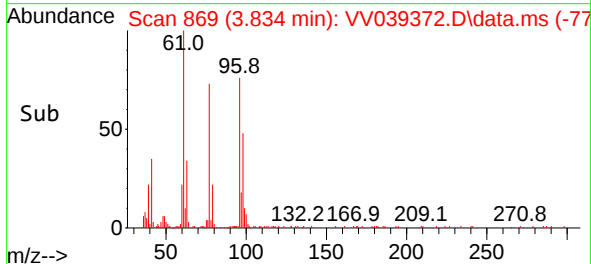
Instrument :
 MSVOA_V
 ClientSampleId :
 LOQ-WATER-02-QT4-2025



Tgt Ion: 96 Resp: 42084
 Ion Ratio Lower Upper
 96 100
 61 133.5 0.0 287.8
 98 57.7 0.0 129.6

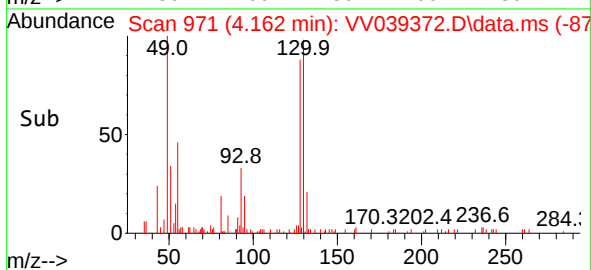
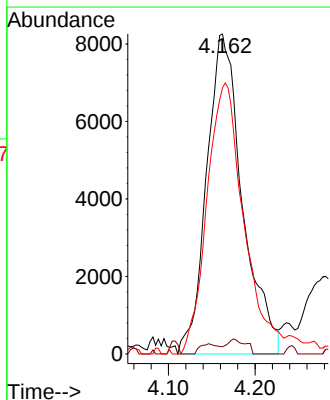
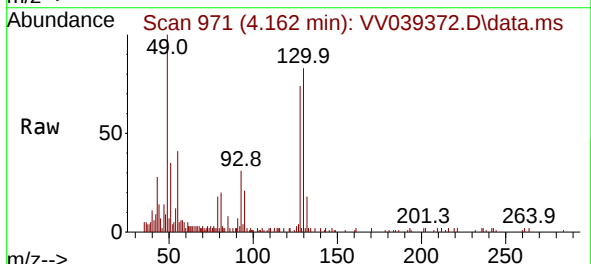
Manual Integrations
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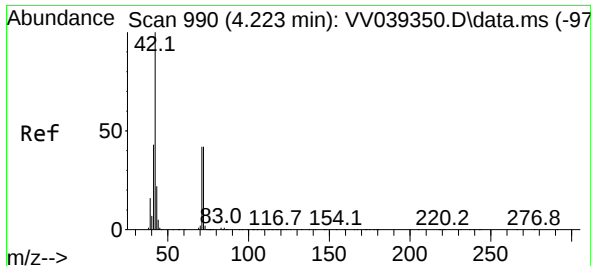
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#28
 Bromochloromethane
 Concen: 4.099 ug/l
 RT: 4.162 min Scan# 971
 Delta R.T. 0.026 min
 Lab File: VV039372.D
 Acq: 12 Nov 2025 14:01

Tgt Ion: 49 Resp: 23697
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 2.0#
 130 86.9 67.9 101.9





#29

Tetrahydrofuran

Concen: 25.574 ug/l

RT: 4.249 min Scan# 990

Delta R.T. 0.026 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

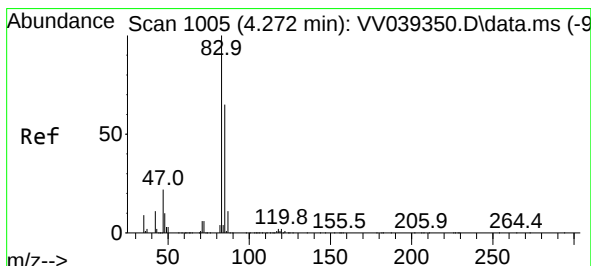
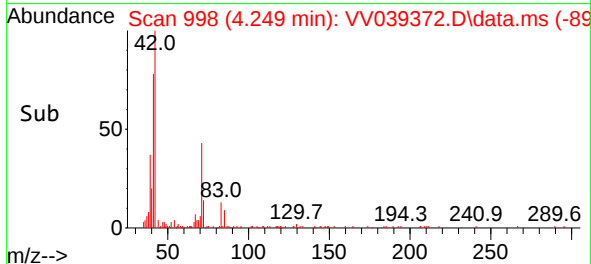
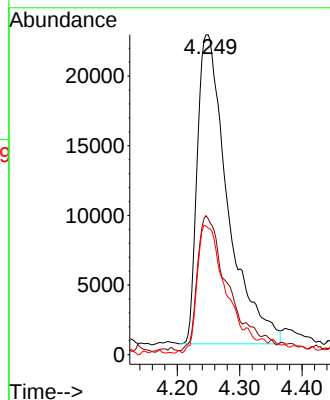
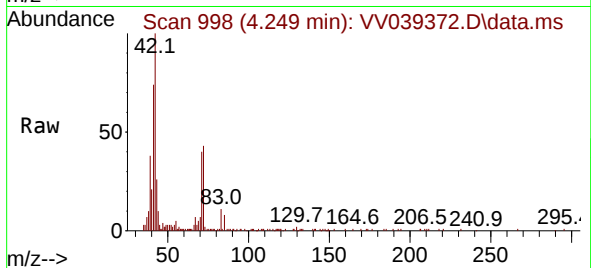
Tgt Ion: 42 Resp: 75212
 Ion Ratio Lower Upper
 42 100
 72 43.1 35.3 52.9
 71 37.1 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#30

Chloroform

Concen: 5.633 ug/l

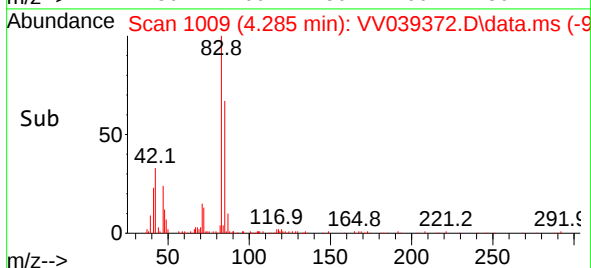
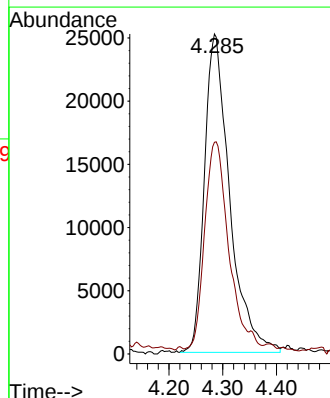
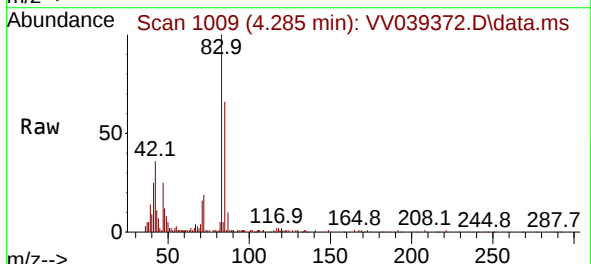
RT: 4.285 min Scan# 1009

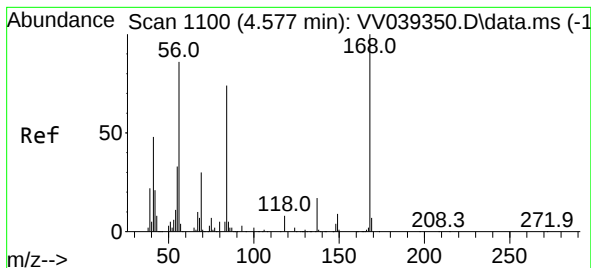
Delta R.T. 0.013 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

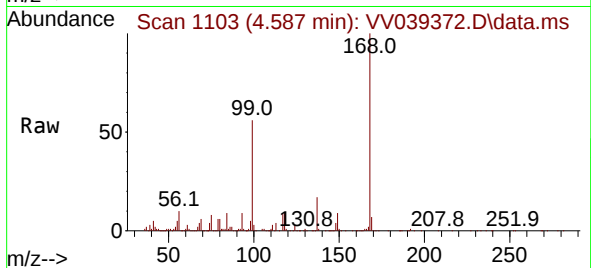
Tgt Ion: 83 Resp: 82237
 Ion Ratio Lower Upper
 83 100
 85 64.5 51.8 77.8





#31
Cyclohexane
Concen: 6.622 ug/l
RT: 4.587 min Scan# 1100
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

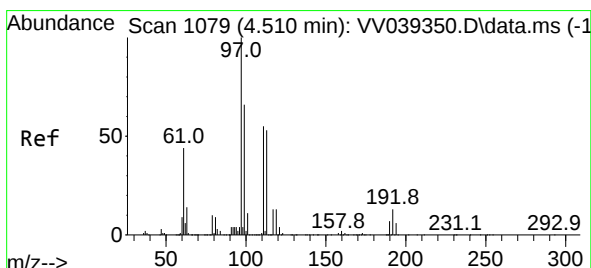
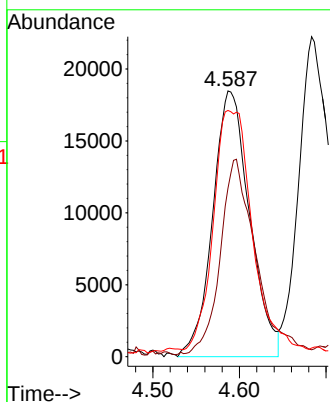
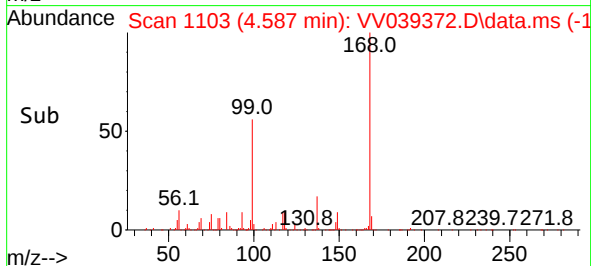
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



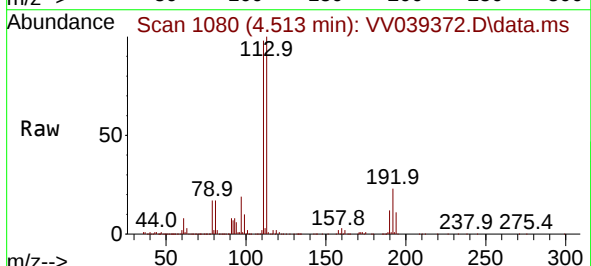
Tgt Ion: 56 Resp: 5478
Ion Ratio Lower Upper
56 100
69 62.4 27.7 41.5
84 89.8 69.4 104.2

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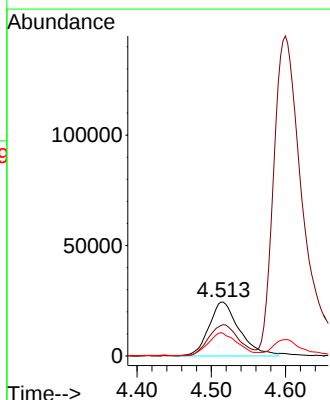
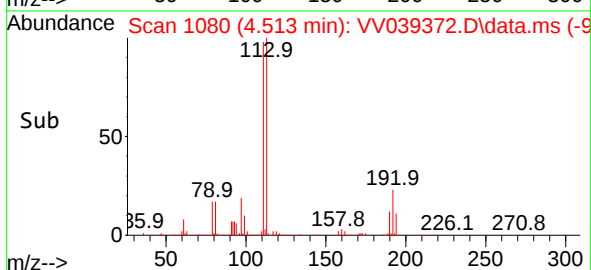
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

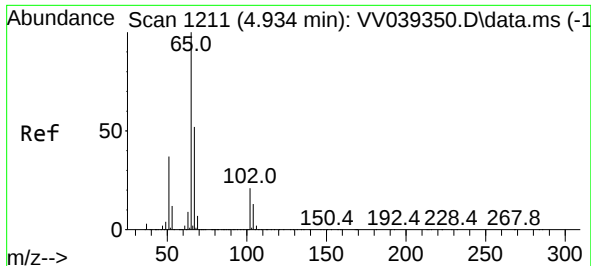


#32
1,1,1-Trichloroethane
Concen: 5.704 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01



Tgt Ion: 97 Resp: 69640
Ion Ratio Lower Upper
97 100
99 56.1 49.9 74.9
61 41.1 33.9 50.9





#33

1,2-Dichloroethane-d4

Concen: 53.990 ug/l

RT: 4.940 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 65 Resp: 51382

Ion Ratio Lower Upper

65 100

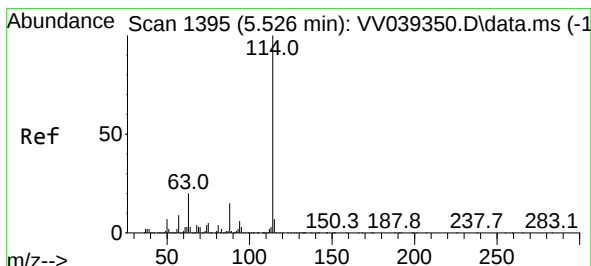
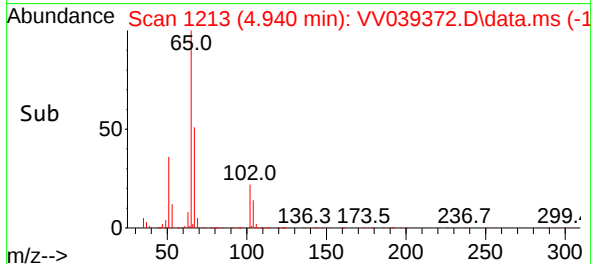
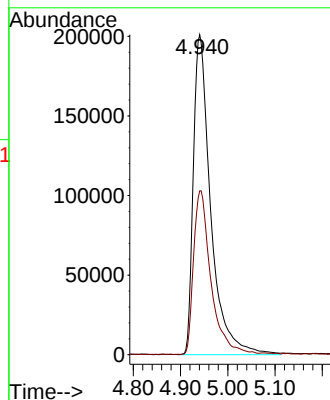
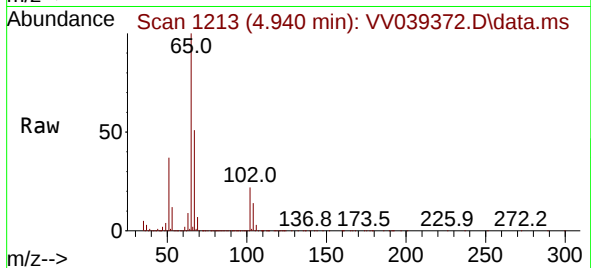
67 51.0 0.0 105.4

Manual Integrations

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Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

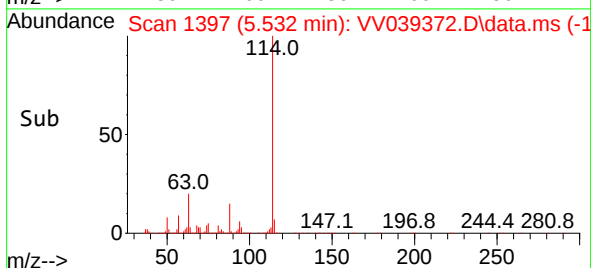
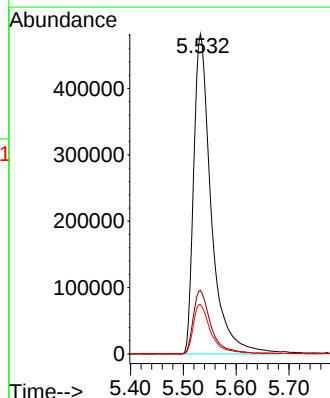
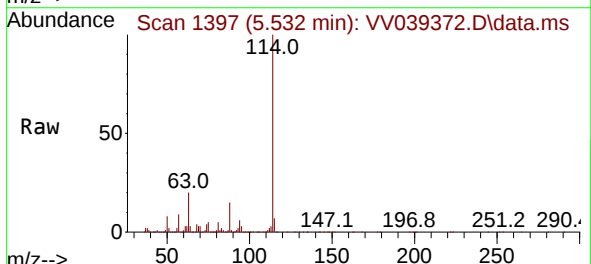
Tgt Ion:114 Resp: 1111186

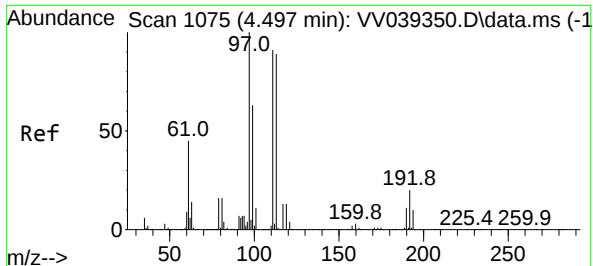
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.4 0.0 30.2





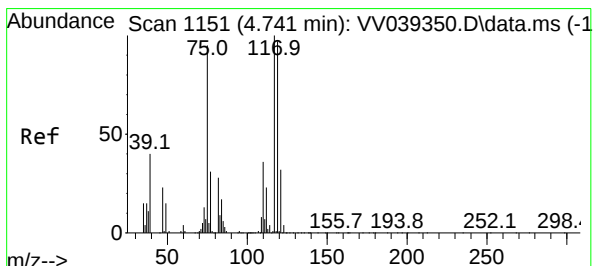
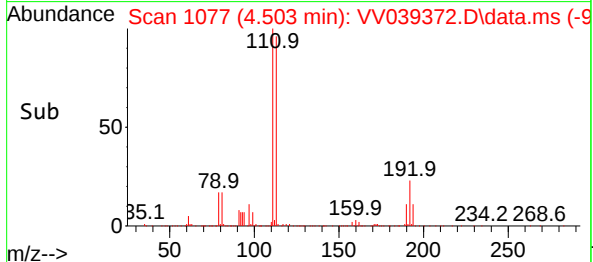
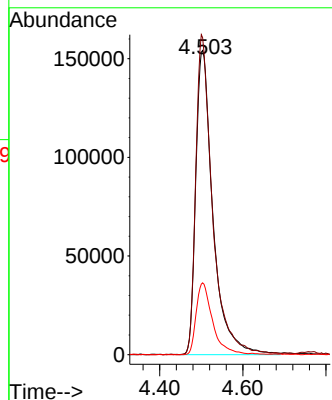
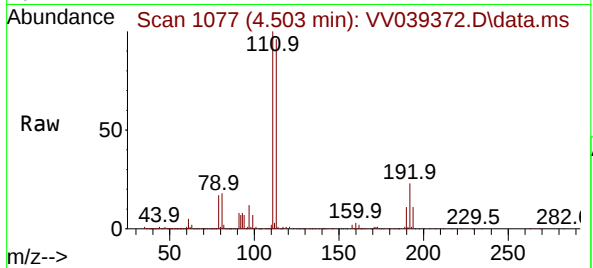
#35
Dibromofluoromethane
Concen: 52.085 ug/l
RT: 4.503 min Scan# 1113
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 113 Resp: 443900
Ion Ratio Lower Upper
113 100
111 100.8 82.6 124.0
192 22.4 17.8 26.8

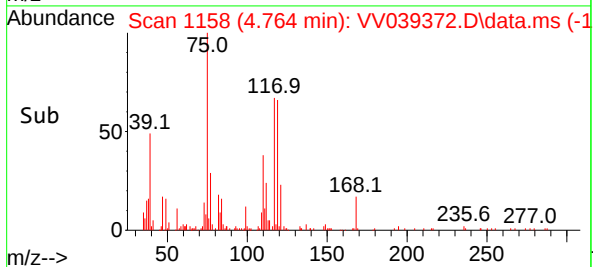
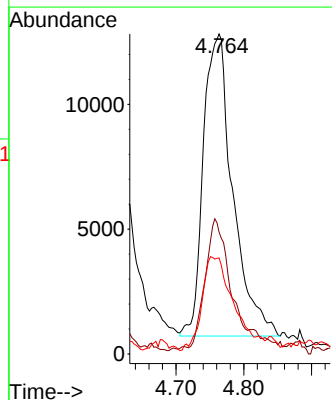
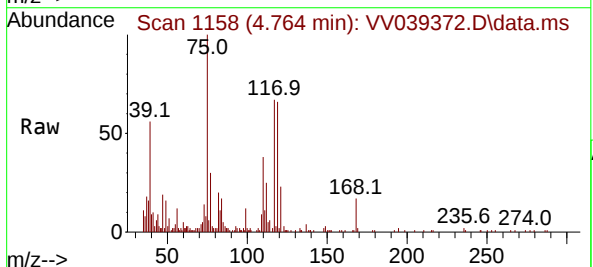
Manual Integrations
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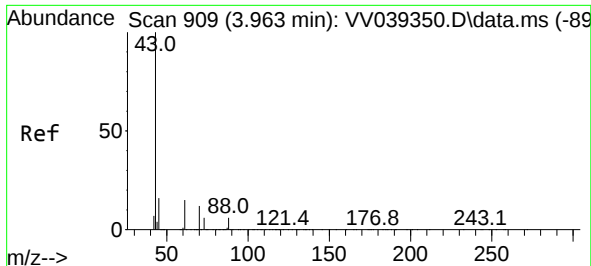
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#36
1,1-Dichloropropene
Concen: 4.973 ug/l
RT: 4.764 min Scan# 1158
Delta R.T. 0.022 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

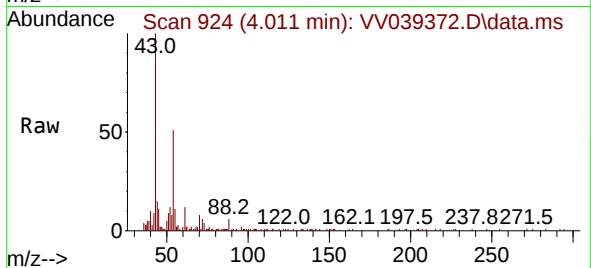
Tgt Ion: 75 Resp: 36504
Ion Ratio Lower Upper
75 100
110 35.1 18.1 54.4
77 32.4 24.0 36.0





#37
Ethyl Acetate
Concen: 5.044 ug/l m
RT: 4.011 min Scan# 91
Delta R.T. 0.048 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

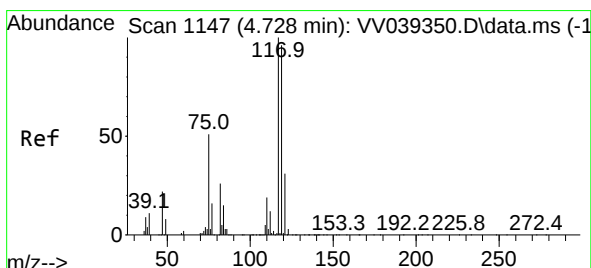
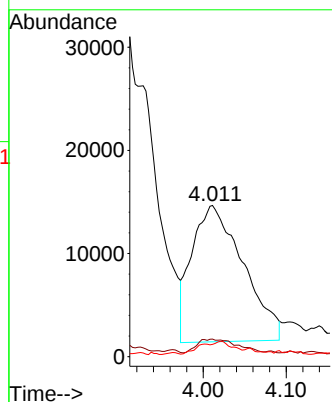
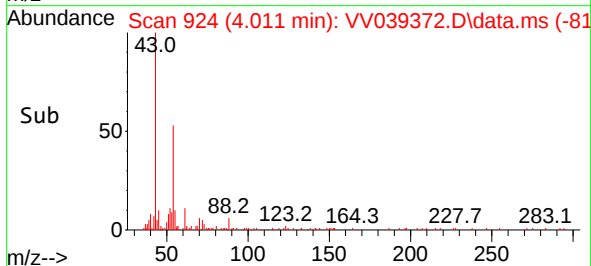
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 43 Resp: 56880
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9
70 2.2 7.0 10.4

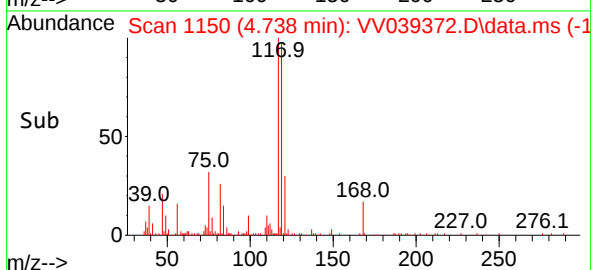
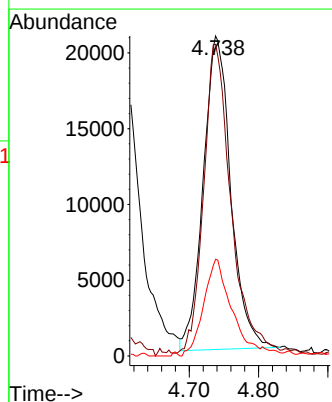
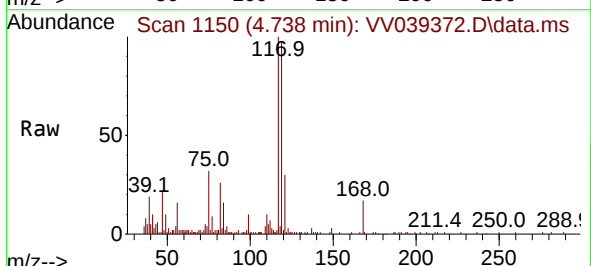
Manual Integrations
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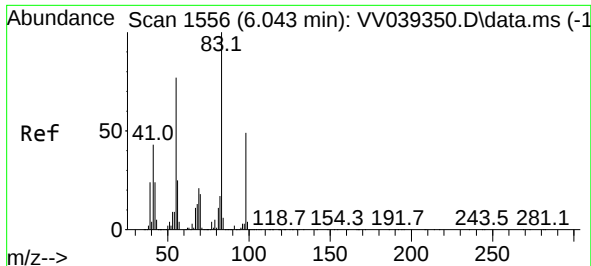
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#38
Carbon Tetrachloride
Concen: 5.242 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion:117 Resp: 57163
Ion Ratio Lower Upper
117 100
119 98.5 76.1 114.1
121 31.1 25.0 37.4





#39

Methylcyclohexane

Concen: 5.429 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 83 Resp: 42430

Ion Ratio Lower Upper

83 100

55 74.2 61.3 91.9

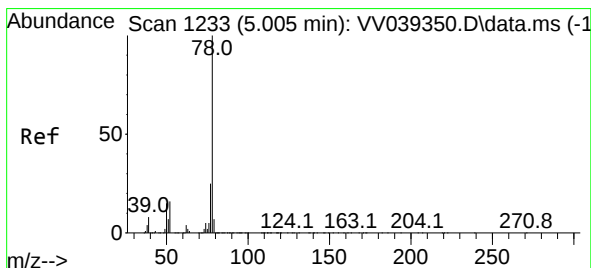
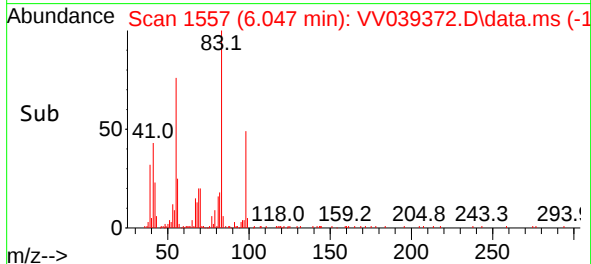
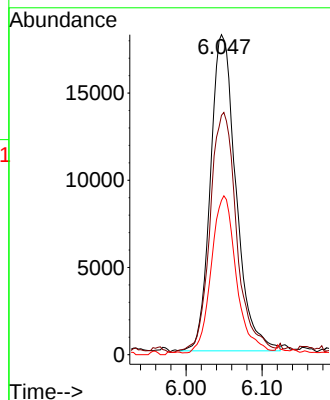
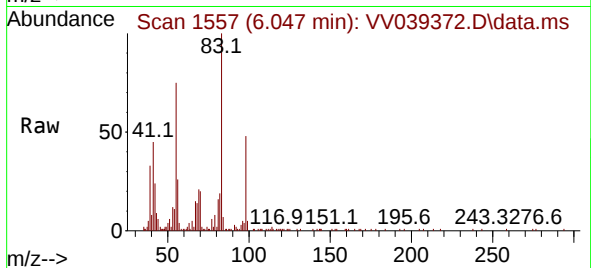
98 47.0 39.0 58.6

Manual Integrations

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Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#40

Benzene

Concen: 5.537 ug/l

RT: 5.018 min Scan# 1237

Delta R.T. 0.013 min

Lab File: VV039372.D

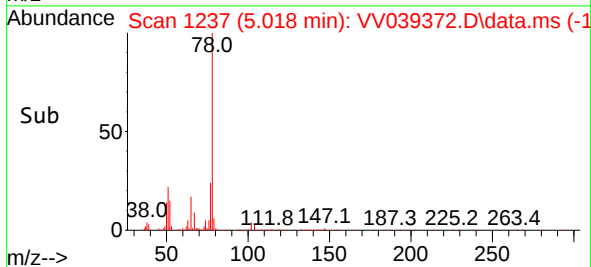
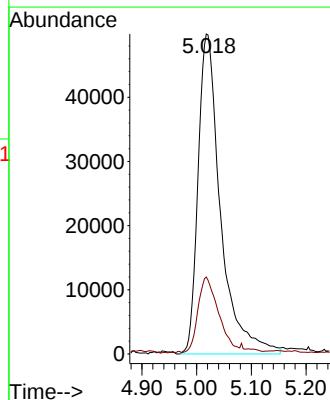
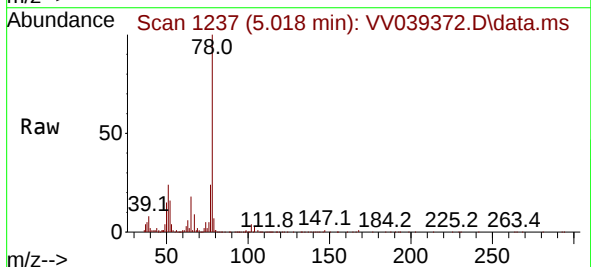
Acq: 12 Nov 2025 14:01

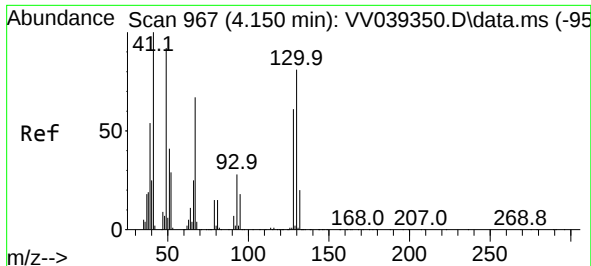
Tgt Ion: 78 Resp: 142145

Ion Ratio Lower Upper

78 100

77 23.3 19.6 29.4





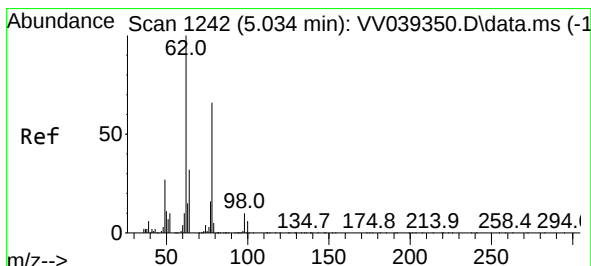
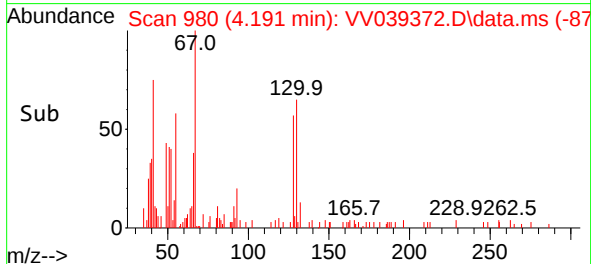
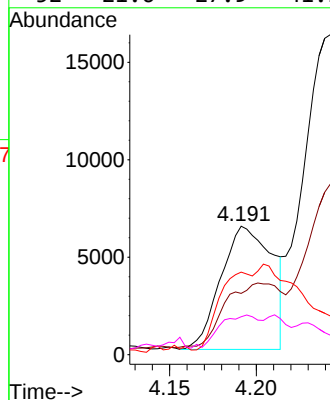
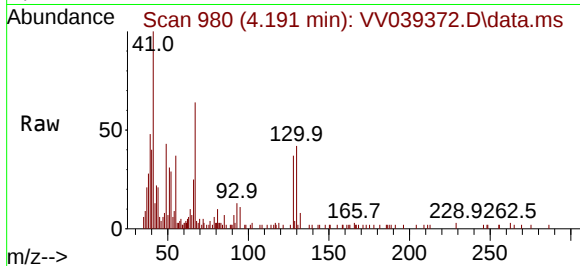
#41
Methacrylonitrile
Concen: 3.249 ug/l
RT: 4.191 min Scan# 91
Delta R.T. 0.042 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 41 Resp: 1308
Ion Ratio Lower Upper
41 100
39 57.8 44.3 66.5
67 41.3 71.4 107.2
52 21.6 27.9 41.9#

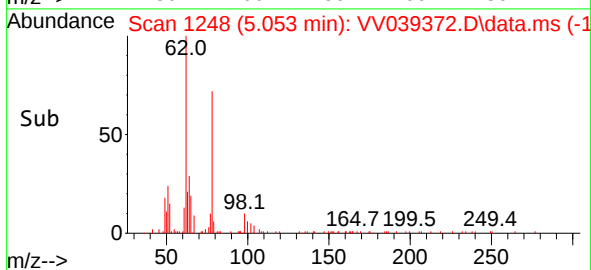
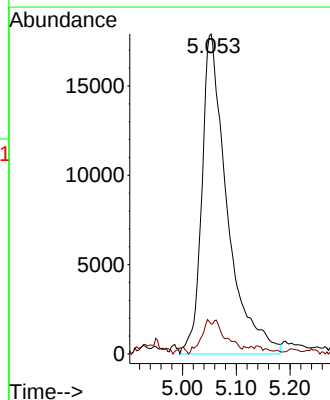
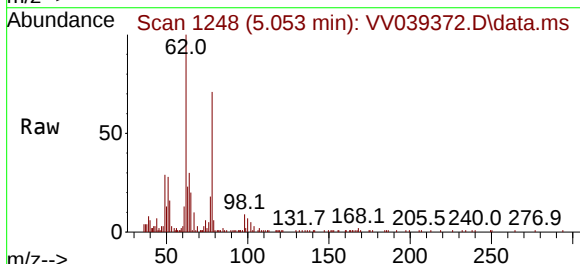
Manual Integrations
APPROVED

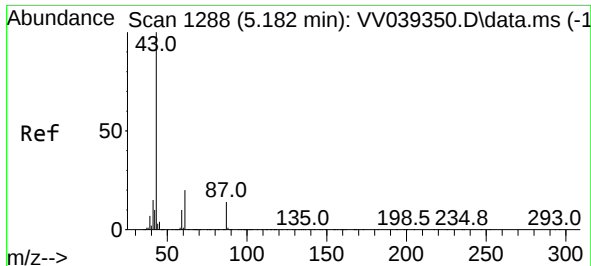
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#42
1,2-Dichloroethane
Concen: 5.860 ug/l
RT: 5.053 min Scan# 1248
Delta R.T. 0.019 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

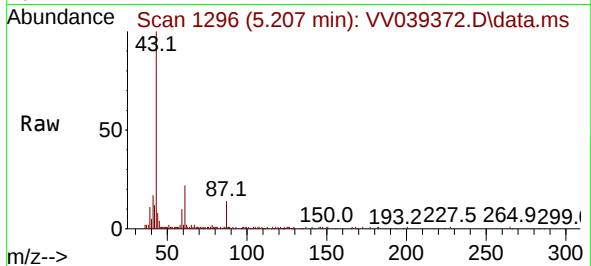
Tgt Ion: 62 Resp: 58619
Ion Ratio Lower Upper
62 100
98 4.2 0.0 18.6





#43
Isopropyl Acetate
Concen: 4.814 ug/l
RT: 5.207 min Scan# 1492
Delta R.T. 0.026 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

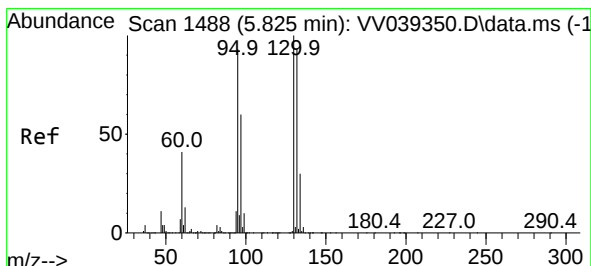
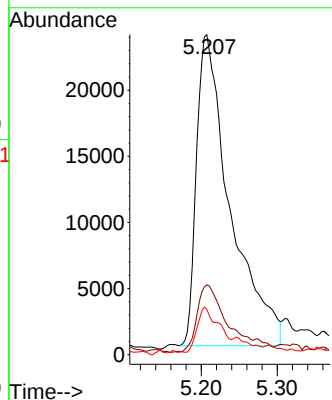
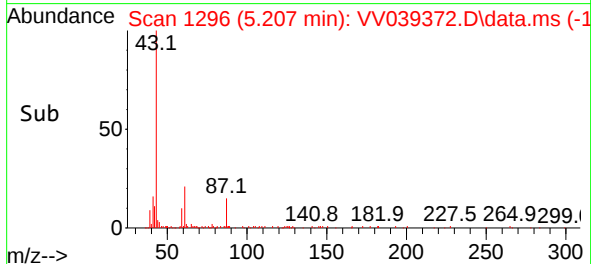
Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 43 Resp: 72328
Ion Ratio Lower Upper
43 100
61 18.7 15.7 23.5
87 9.3 11.1 16.7

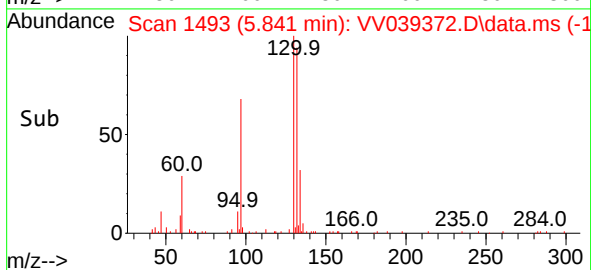
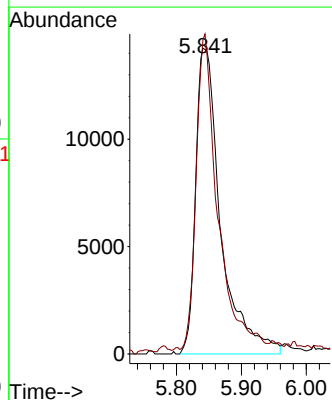
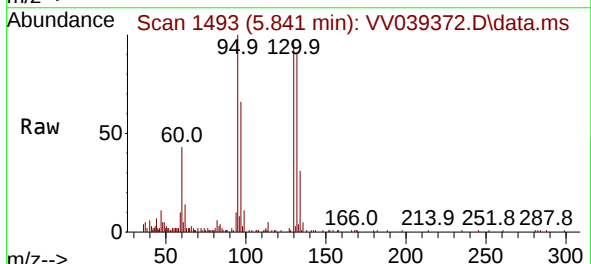
Manual Integrations
APPROVED

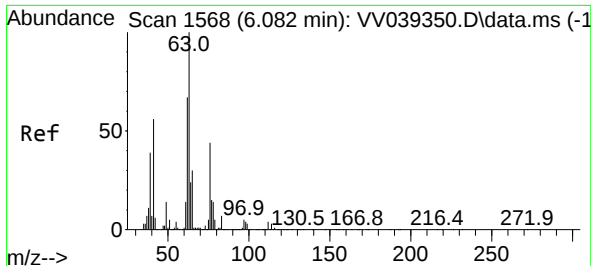
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#44
Trichloroethene
Concen: 5.505 ug/l
RT: 5.841 min Scan# 1493
Delta R.T. 0.016 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion:130 Resp: 38344
Ion Ratio Lower Upper
130 100
95 101.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 5.205 ug/l

RT: 6.095 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 63 Resp: 36150

Ion Ratio Lower Upper

63 100

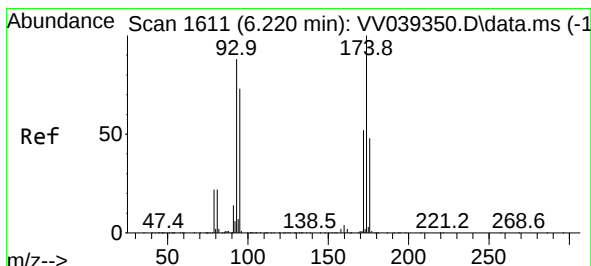
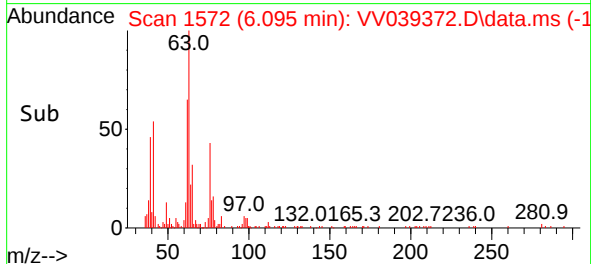
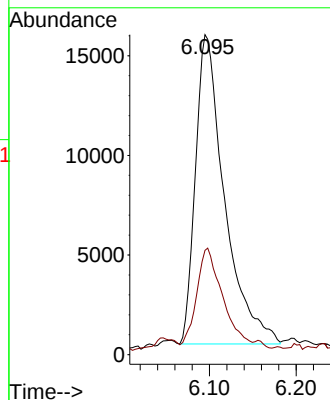
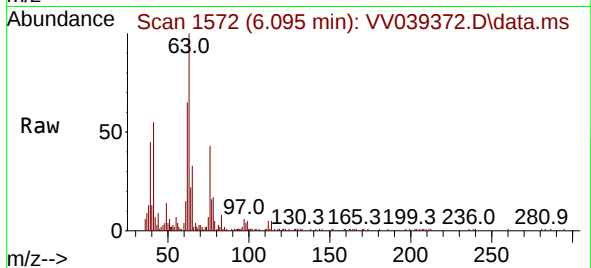
65 31.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#46

Dibromomethane

Concen: 5.340 ug/l

RT: 6.239 min Scan# 1617

Delta R.T. 0.019 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

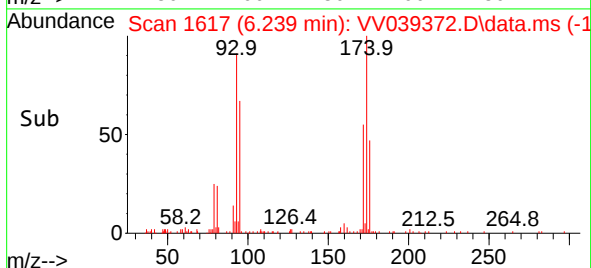
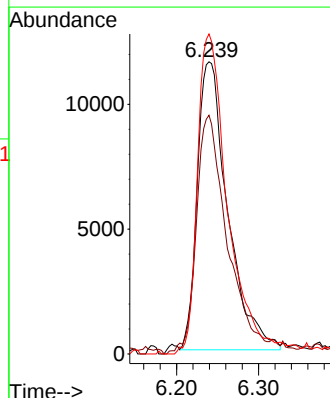
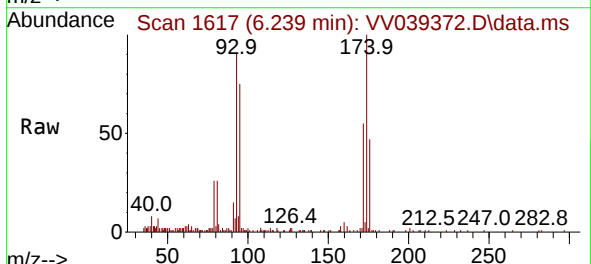
Tgt Ion: 93 Resp: 29826

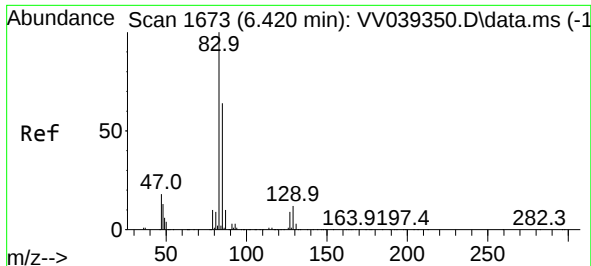
Ion Ratio Lower Upper

93 100

95 83.7 65.9 98.9

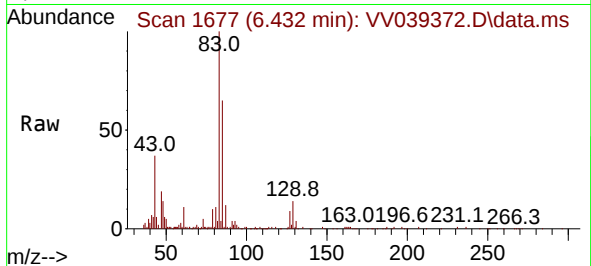
174 110.2 91.4 137.0





#47
Bromodichloromethane
Concen: 5.279 ug/l
RT: 6.432 min Scan# 1641
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

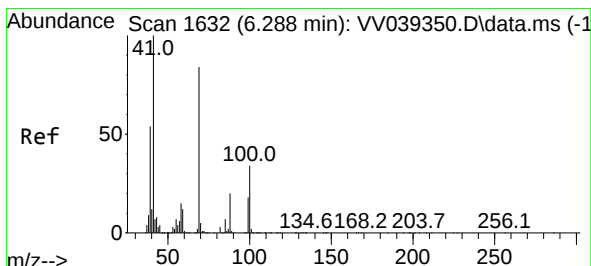
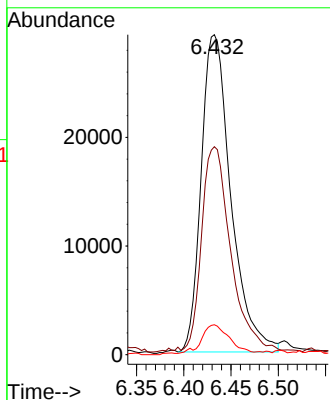
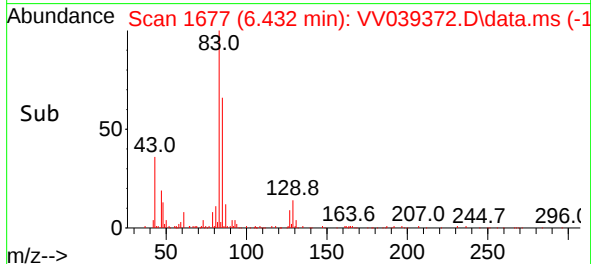
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



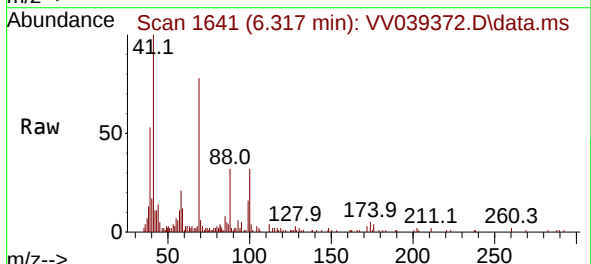
Tgt Ion: 83 Resp: 6385
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.4
127 9.0 7.3 10.9

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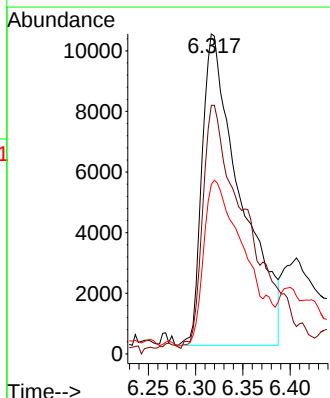
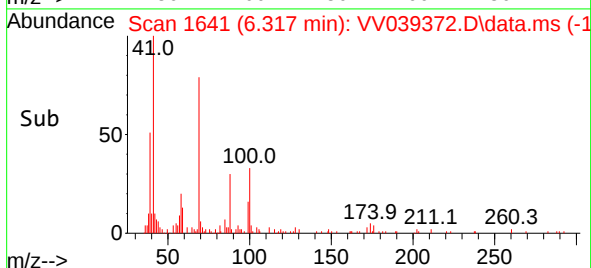
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

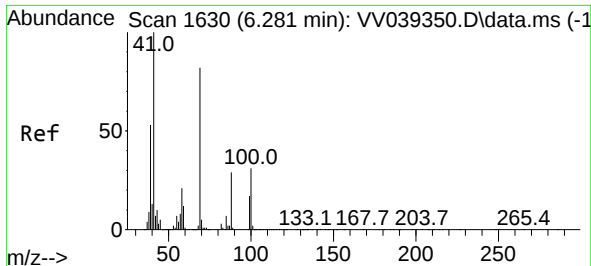


#48
Methyl methacrylate
Concen: 4.153 ug/l
RT: 6.317 min Scan# 1641
Delta R.T. 0.029 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01



Tgt Ion: 41 Resp: 29059
Ion Ratio Lower Upper
41 100
69 89.8 69.1 103.7
39 57.3 42.8 64.2





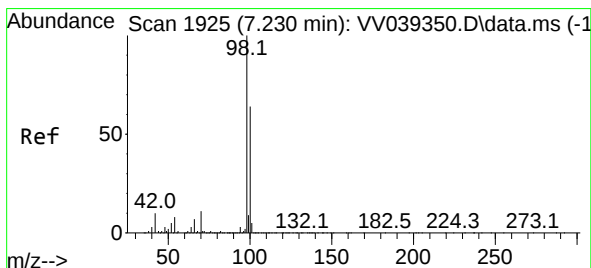
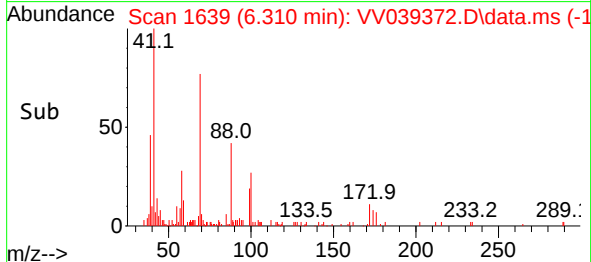
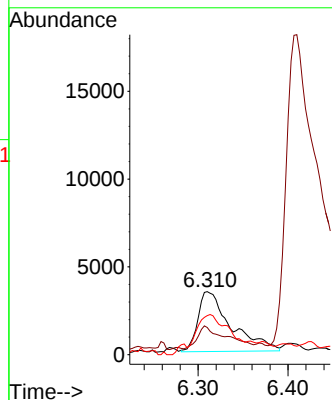
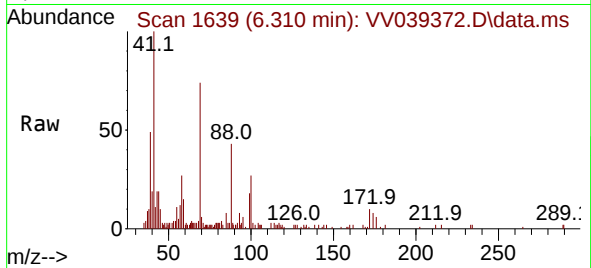
#49
1,4-Dioxane
Concen: 81.380 ug/l m
RT: 6.310 min Scan# 1
Delta R.T. 0.029 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 88 Resp: 8770
Ion Ratio Lower Upper
88 100
43 32.9 26.6 40.0
58 53.7 55.4 83.0

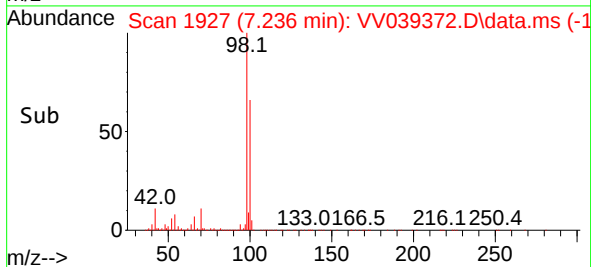
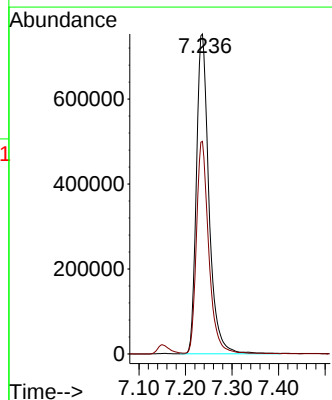
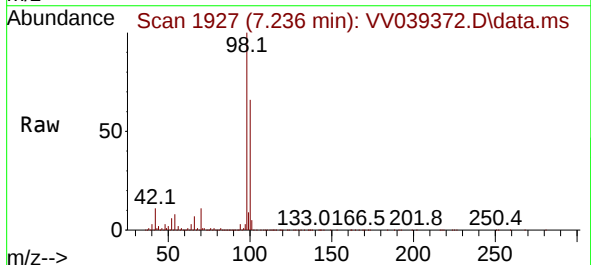
Manual Integrations
APPROVED

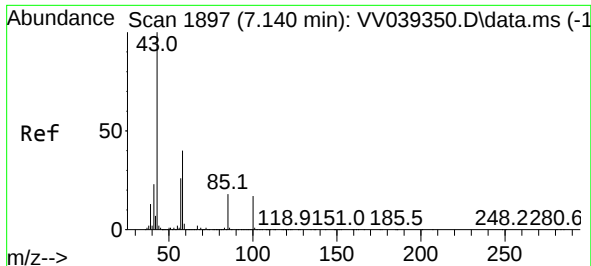
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#50
Toluene-d8
Concen: 49.963 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 98 Resp: 1407128
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2





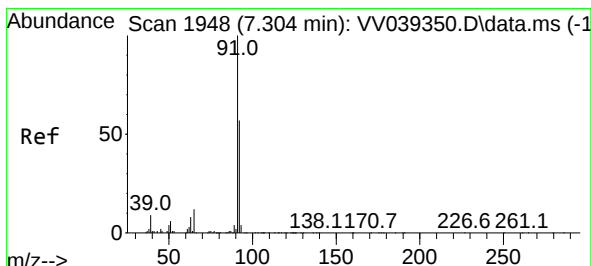
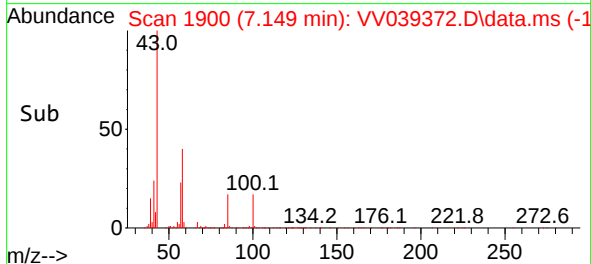
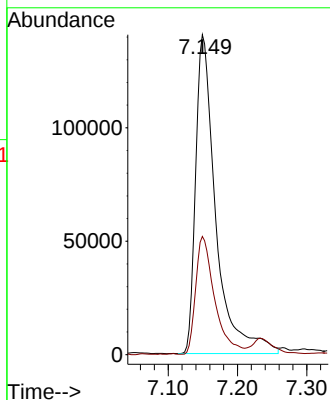
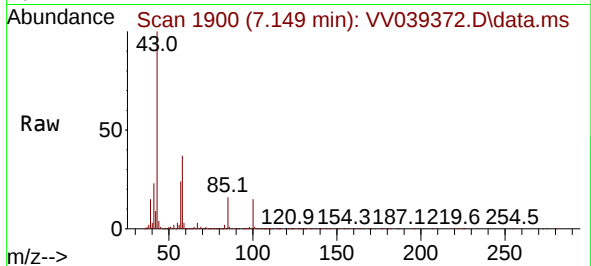
#51
4-Methyl-2-Pentanone
Concen: 27.755 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 43 Resp: 285028
Ion Ratio Lower Upper
43 100
58 34.8 31.8 47.6

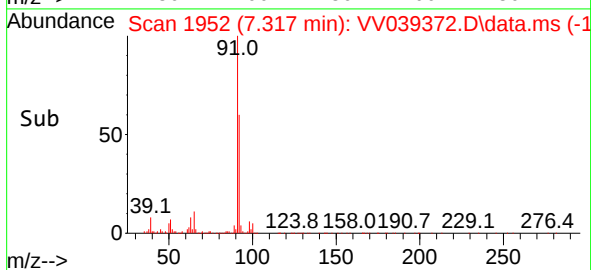
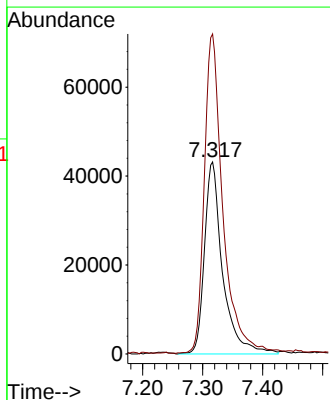
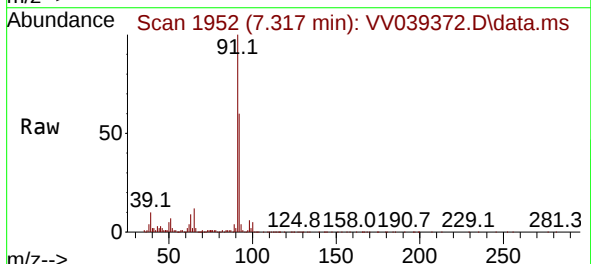
Manual Integrations
APPROVED

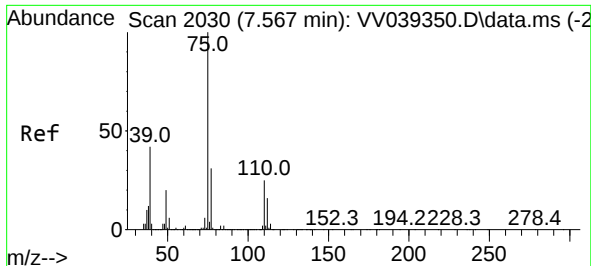
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#52
Toluene
Concen: 5.676 ug/l
RT: 7.317 min Scan# 1952
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 92 Resp: 91299
Ion Ratio Lower Upper
92 100
91 167.1 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 5.370 ug/l

RT: 7.587 min Scan# 2030

Delta R.T. 0.019 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 75 Resp: 55890

Ion Ratio Lower Upper

75 100

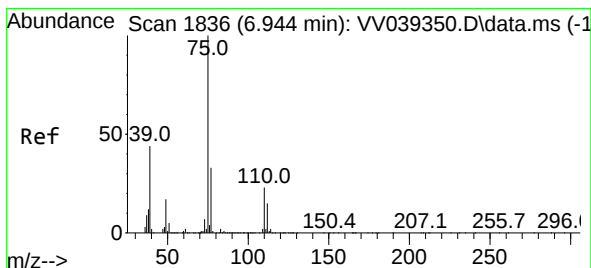
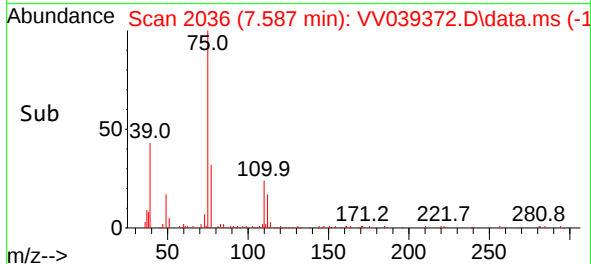
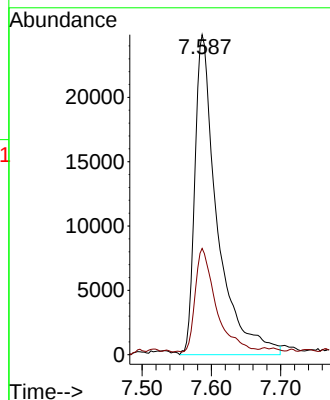
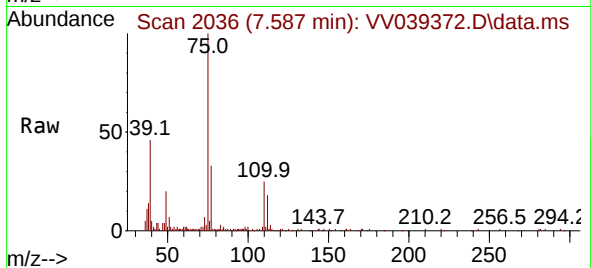
77 32.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#54

cis-1,3-Dichloropropene

Concen: 5.122 ug/l

RT: 6.956 min Scan# 1840

Delta R.T. 0.013 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

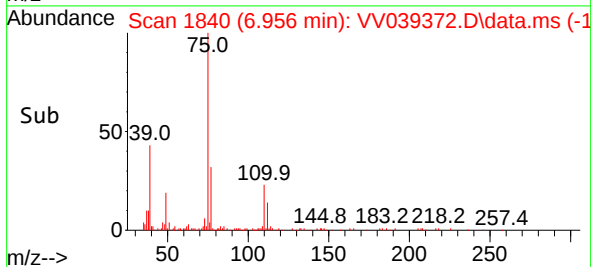
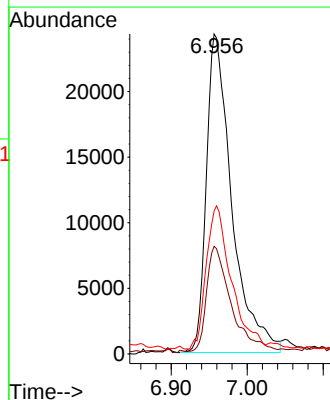
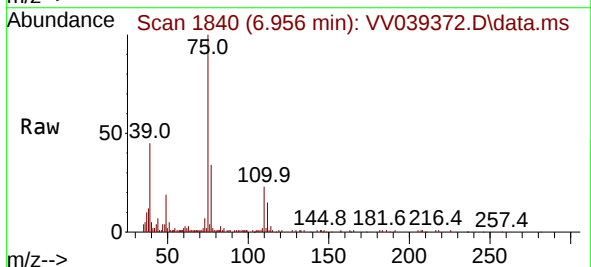
Tgt Ion: 75 Resp: 56599

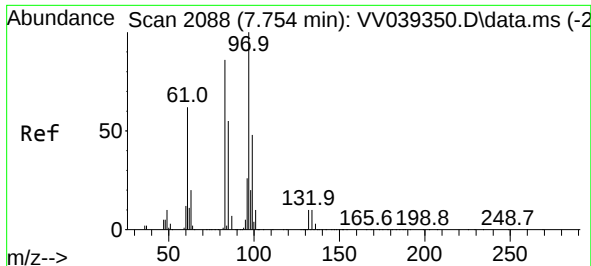
Ion Ratio Lower Upper

75 100

77 32.6 26.3 39.5

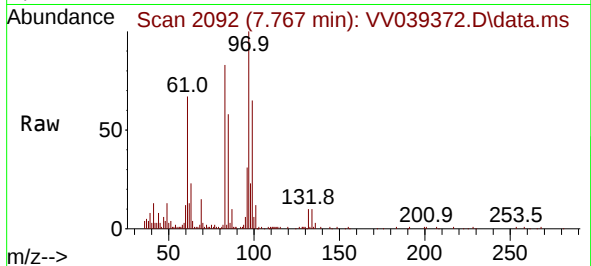
39 42.4 35.5 53.3





#55
1,1,2-Trichloroethane
Concen: 5.240 ug/l
RT: 7.767 min Scan# 2088
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

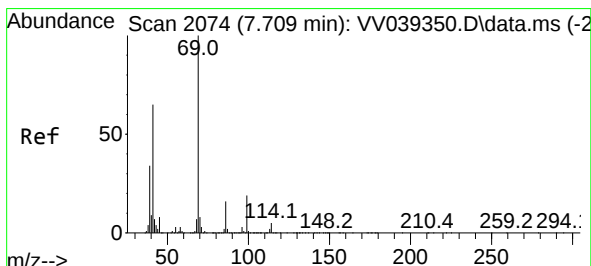
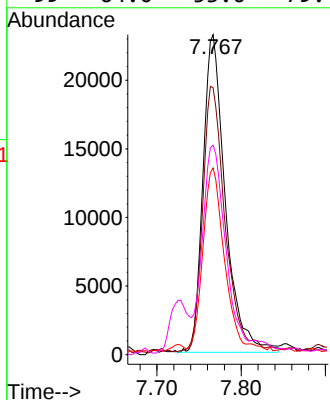
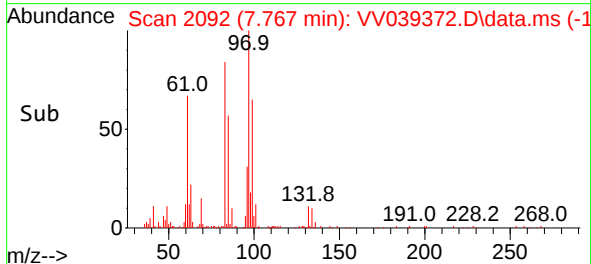
Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



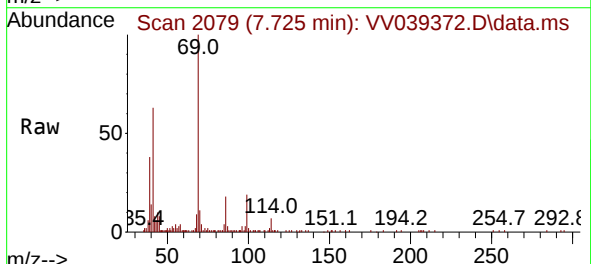
Tgt Ion: 97 Resp: 42674
Ion Ratio Lower Upper
97 100
83 83.0 68.8 103.2
85 57.3 45.2 67.8
99 64.0 53.0 79.4

Manual Integrations
APPROVED

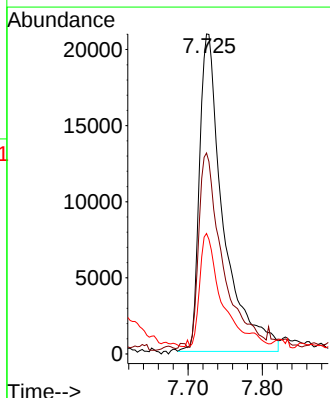
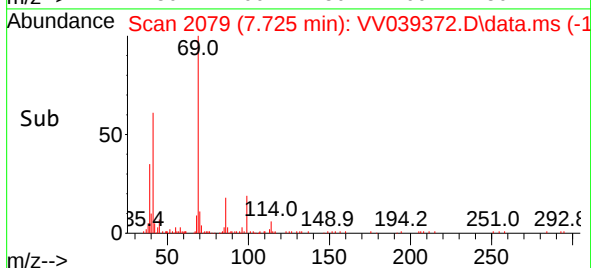
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

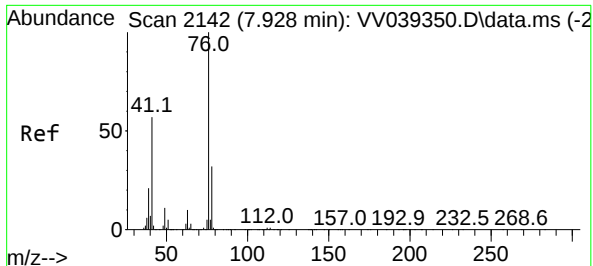


#56
Ethyl methacrylate
Concen: 4.733 ug/l
RT: 7.725 min Scan# 2079
Delta R.T. 0.016 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01



Tgt Ion: 69 Resp: 46542
Ion Ratio Lower Upper
69 100
41 60.9 52.5 78.7
39 31.5 26.7 40.1





#57

1,3-Dichloropropane

Concen: 5.274 ug/l

RT: 7.940 min Scan# 2142

Delta R.T. 0.013 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 76 Resp: 6606

Ion Ratio Lower Upper

76 100

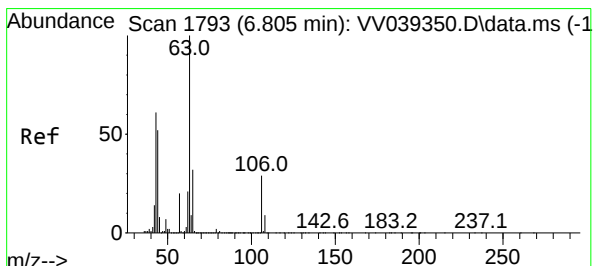
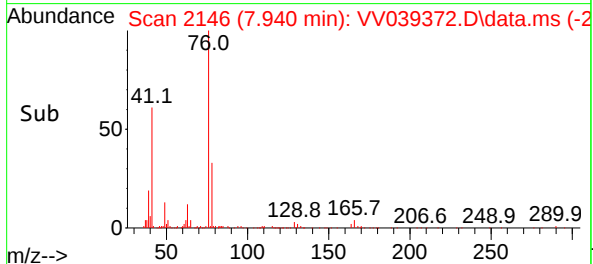
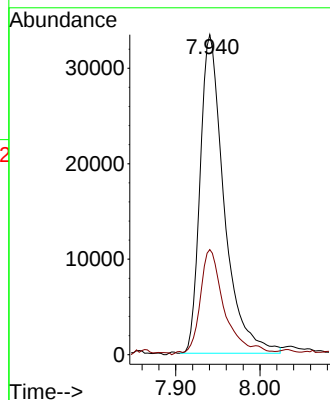
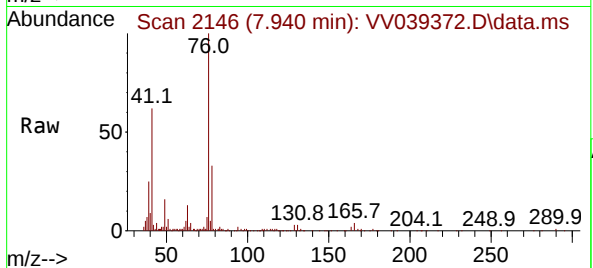
78 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 27.191 ug/l

RT: 6.821 min Scan# 1798

Delta R.T. 0.016 min

Lab File: VV039372.D

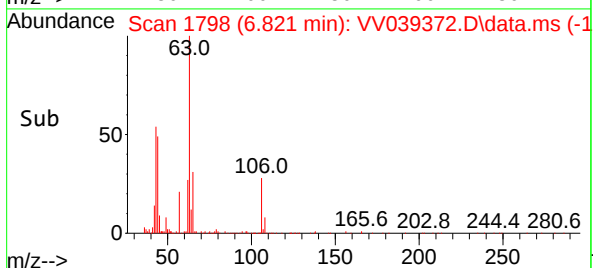
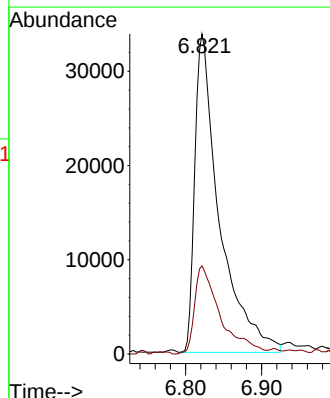
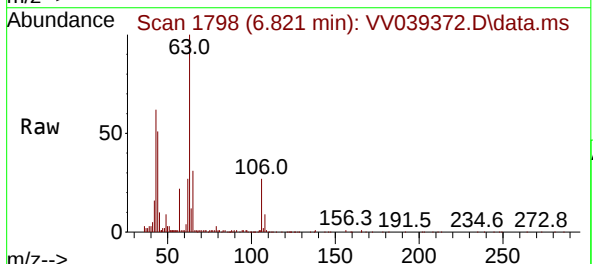
Acq: 12 Nov 2025 14:01

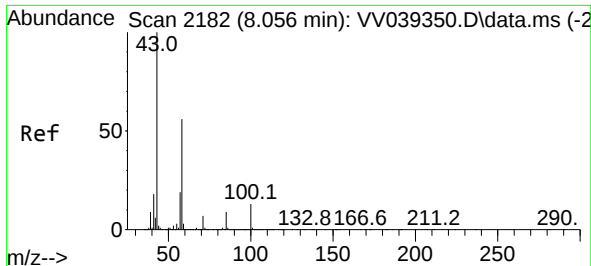
Tgt Ion: 63 Resp: 76039

Ion Ratio Lower Upper

63 100

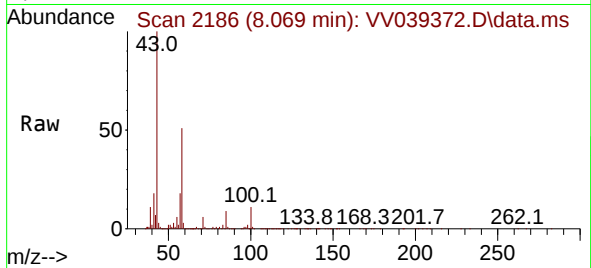
106 28.9 23.3 34.9





#59
2-Hexanone
Concen: 29.564 ug/l
RT: 8.069 min Scan# 2182
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

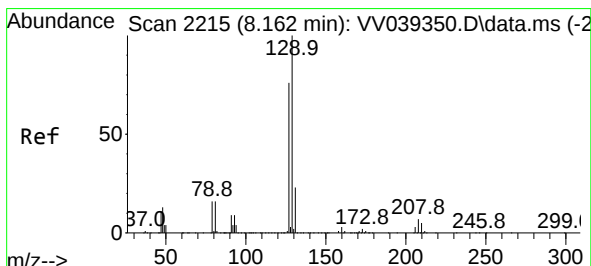
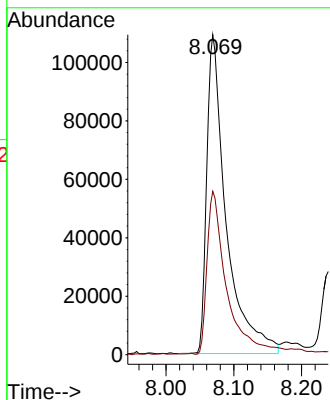
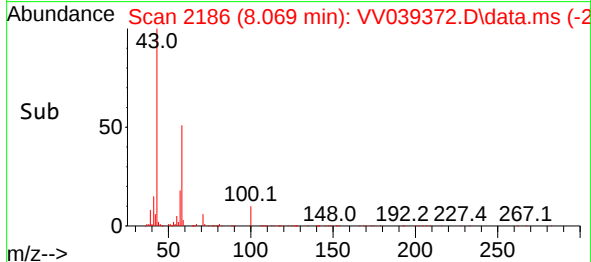
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 43 Resp: 21698
Ion Ratio Lower Upper
43 100
58 52.0 27.7 83.1

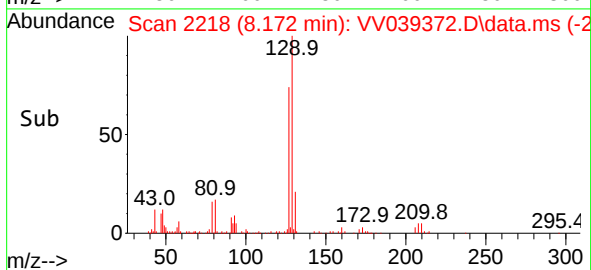
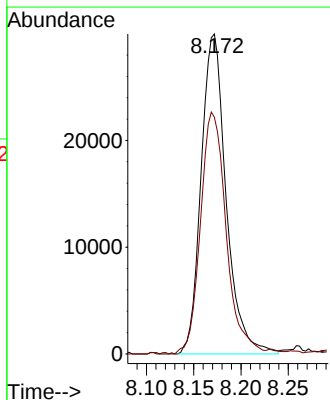
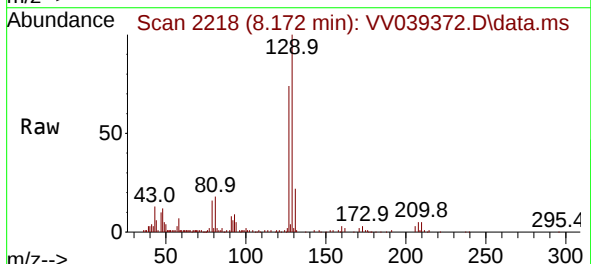
Manual Integrations
APPROVED

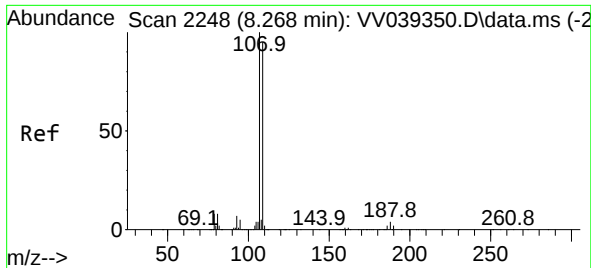
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#60
Dibromochloromethane
Concen: 5.288 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

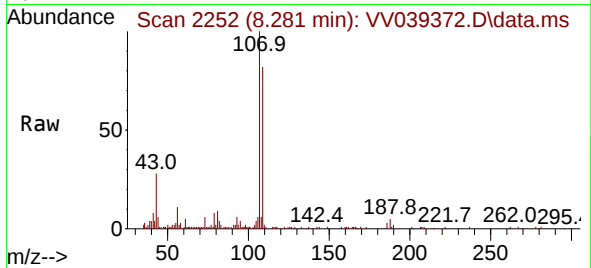
Tgt Ion:129 Resp: 55187
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7





#61
1,2-Dibromoethane
Concen: 5.310 ug/l
RT: 8.281 min Scan# 2115
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

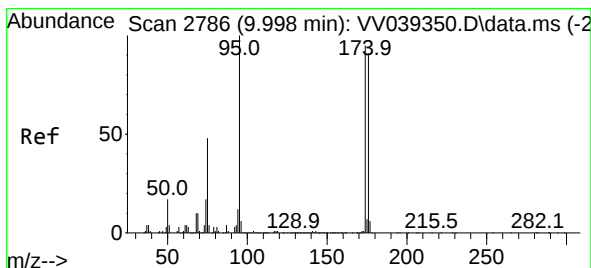
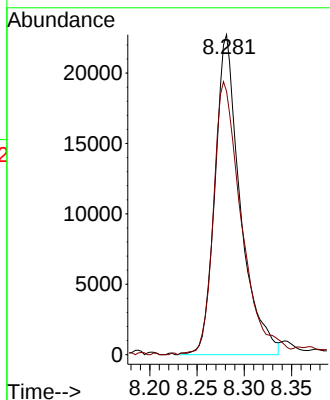
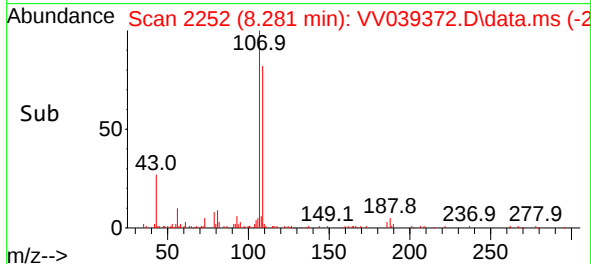
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 107 Resp: 4215
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.8

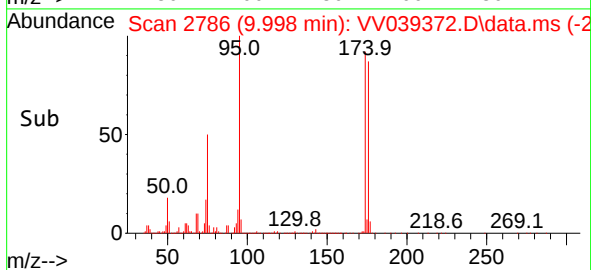
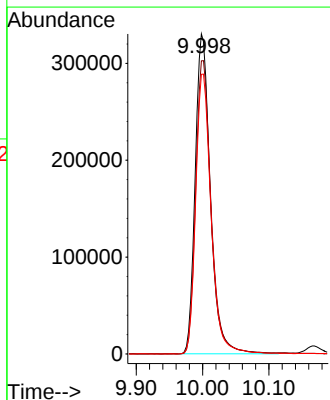
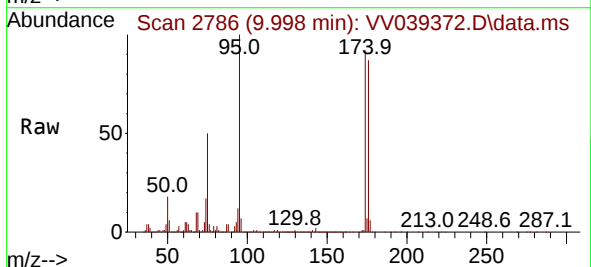
Manual Integrations
APPROVED

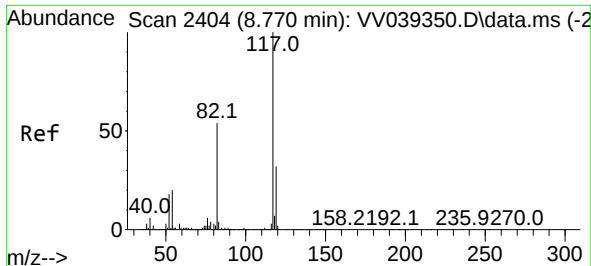
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#62
4-Bromofluorobenzene
Concen: 48.585 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

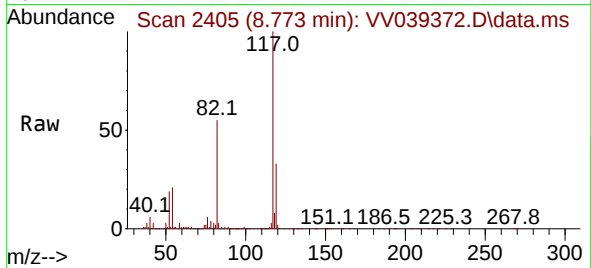
Tgt Ion: 95 Resp: 525782
Ion Ratio Lower Upper
95 100
174 93.8 0.0 187.6
176 88.8 0.0 180.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

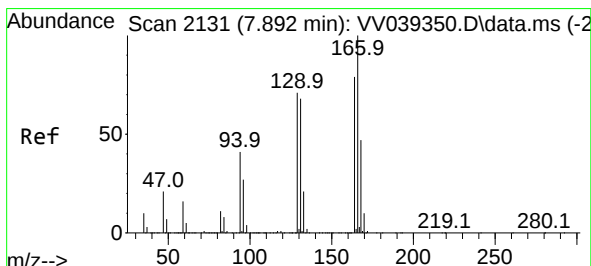
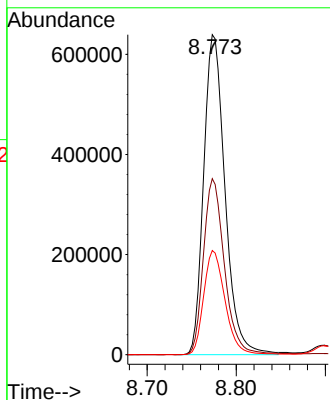
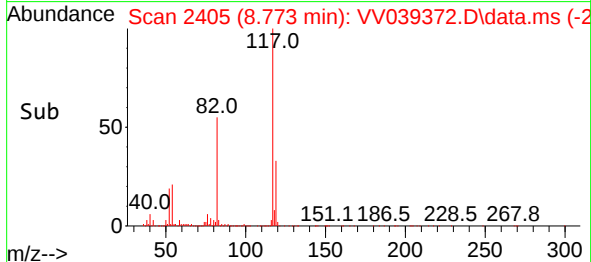
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:117 Resp: 106380
Ion Ratio Lower Upper
117 100
82 55.0 42.9 64.3
119 32.5 25.5 38.3

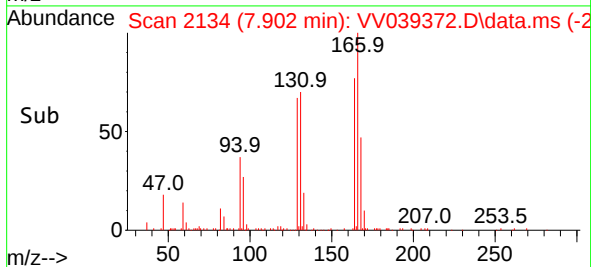
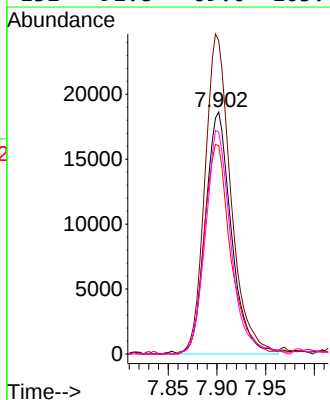
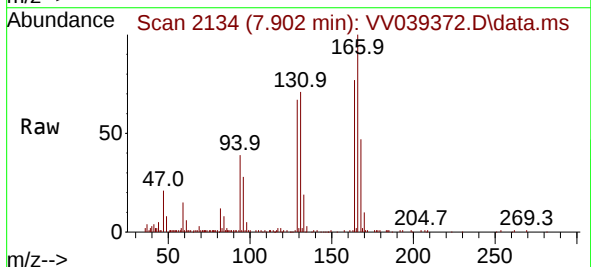
Manual Integrations
APPROVED

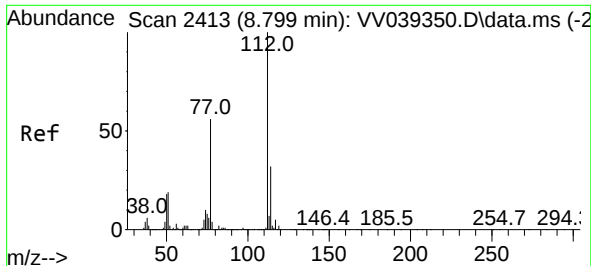
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#64
Tetrachloroethene
Concen: 5.254 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

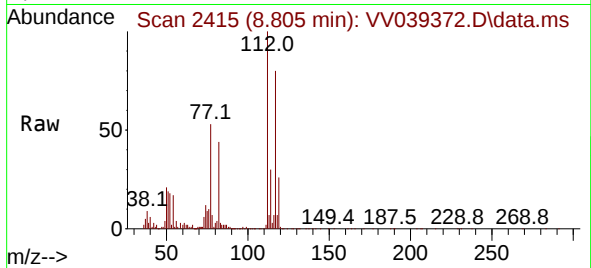
Tgt Ion:164 Resp: 34542
Ion Ratio Lower Upper
164 100
166 129.5 101.9 152.9
129 85.5 71.8 107.8
131 91.8 69.0 103.4





#65
Chlorobenzene
Concen: 5.208 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

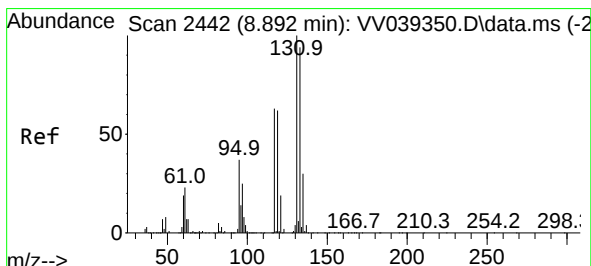
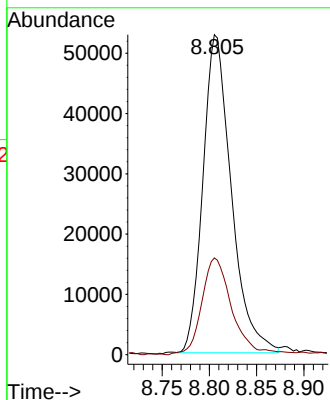
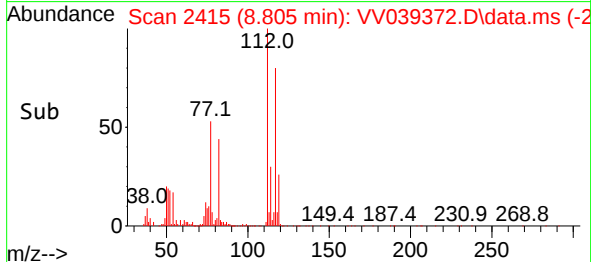
Instrument : MSVOA_V
ClientSampleId : VV039372.D
LOQ-WATER-02-QT4-2025



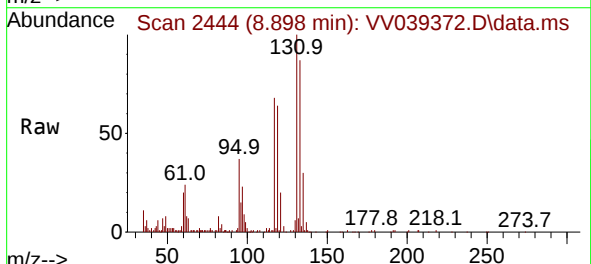
Tgt Ion:112 Resp: 11029
Ion Ratio Lower Upper
112 100
114 29.6 25.7 38.5

Manual Integrations
APPROVED

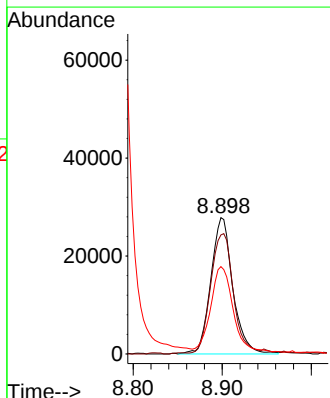
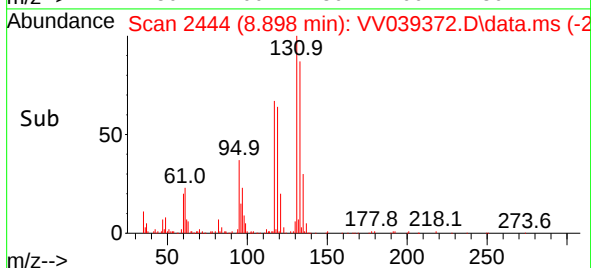
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

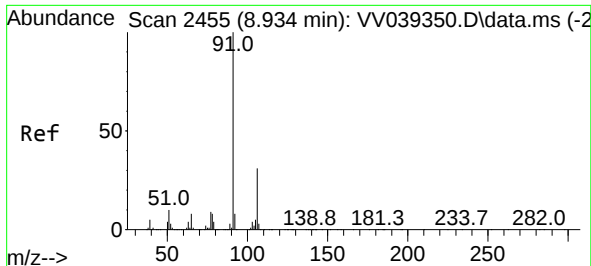


#66
1,1,1,2-Tetrachloroethane
Concen: 5.411 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01



Tgt Ion:131 Resp: 47809
Ion Ratio Lower Upper
131 100
133 89.1 47.9 143.8
119 64.7 31.6 94.8





#67

Ethyl Benzene

Concen: 5.052 ug/l

RT: 8.940 min Scan# 2455

Delta R.T. 0.006 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion: 91 Resp: 154760

Ion Ratio Lower Upper

91 100

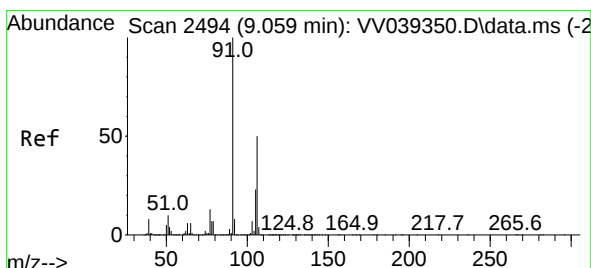
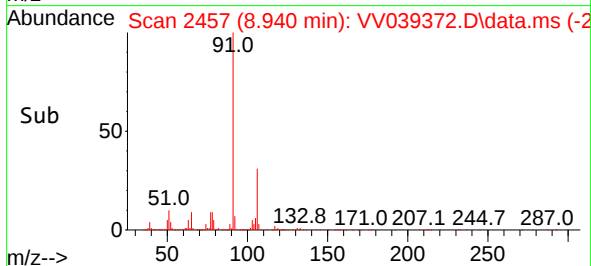
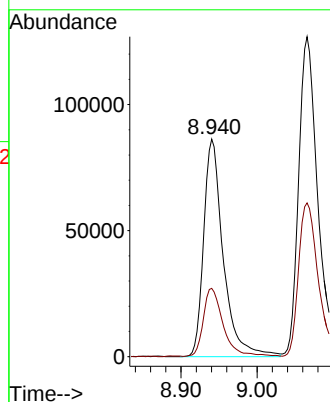
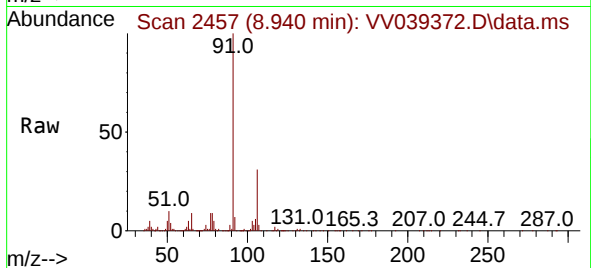
106 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#68

m/p-Xylenes

Concen: 9.730 ug/l

RT: 9.066 min Scan# 2496

Delta R.T. 0.006 min

Lab File: VV039372.D

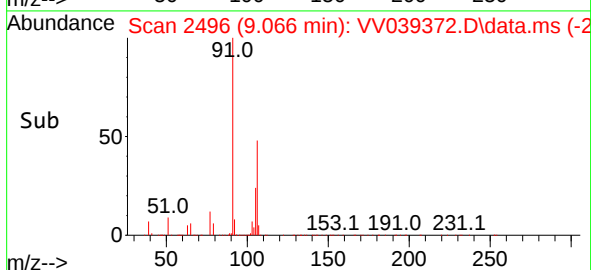
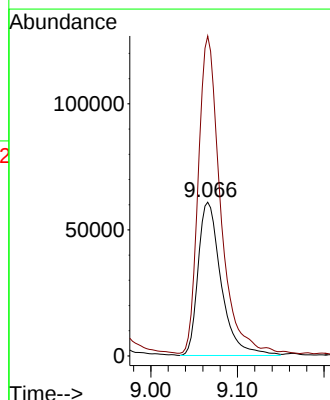
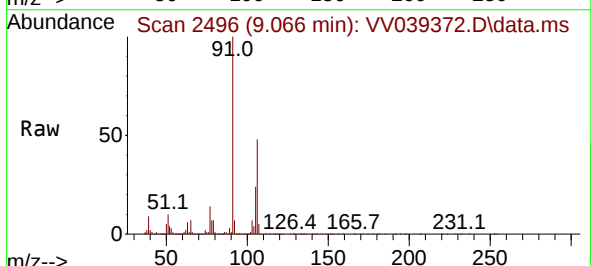
Acq: 12 Nov 2025 14:01

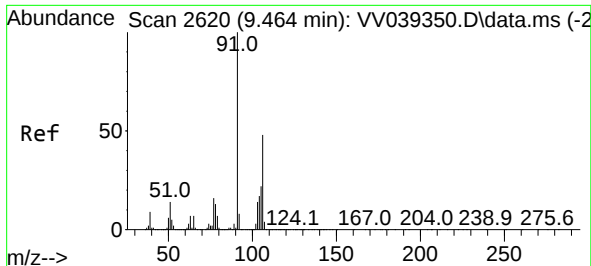
Tgt Ion:106 Resp: 112549

Ion Ratio Lower Upper

106 100

91 195.7 161.5 242.3





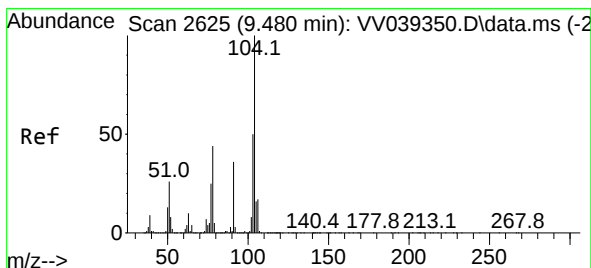
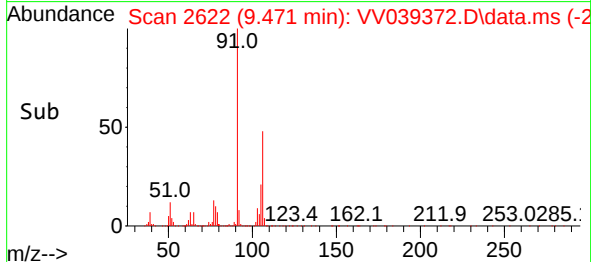
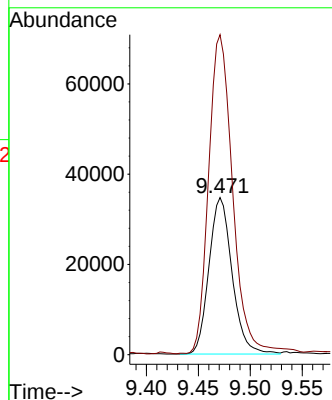
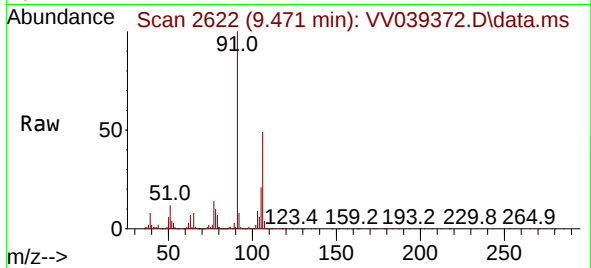
#69
o-Xylene
Concen: 4.915 ug/l
RT: 9.471 min Scan# 2622
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion:106 Resp: 5379
Ion Ratio Lower Upper
106 100
91 212.3 105.9 317.7

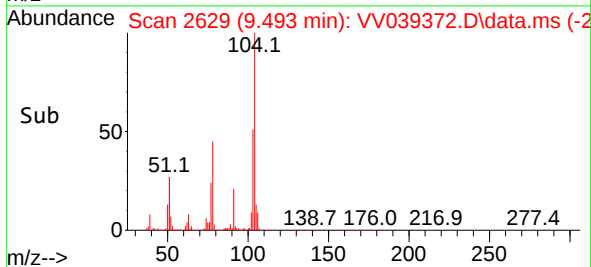
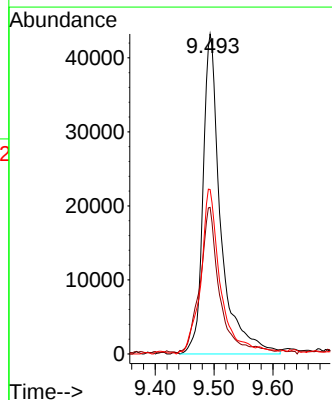
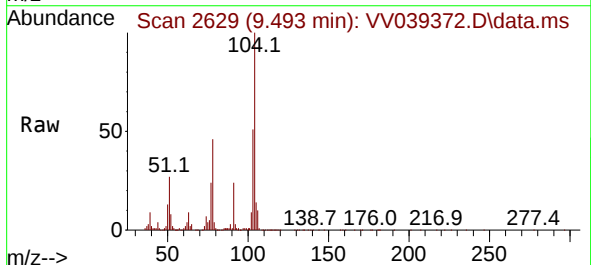
Manual Integrations
APPROVED

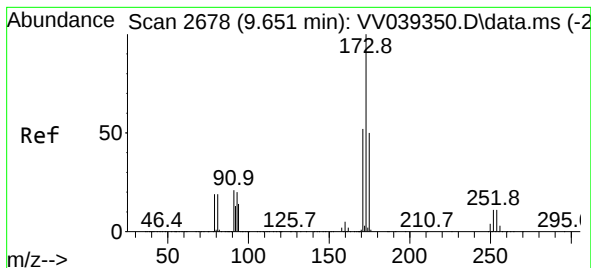
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#70
Styrene
Concen: 4.631 ug/l
RT: 9.493 min Scan# 2629
Delta R.T. 0.013 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion:104 Resp: 90601
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.4
103 56.3 43.4 65.2





#71

Bromoform

Concen: 5.376 ug/l

RT: 9.657 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:173 Resp: 44098

Ion Ratio Lower Upper

173 100

175 46.3 24.5 73.5

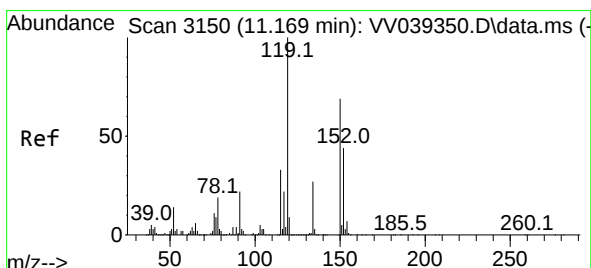
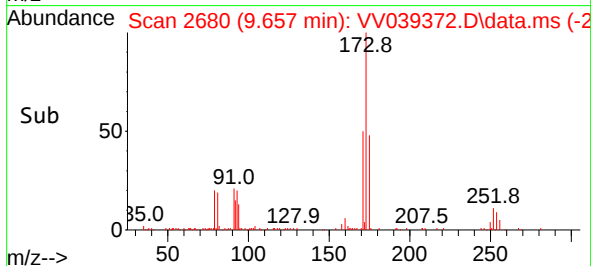
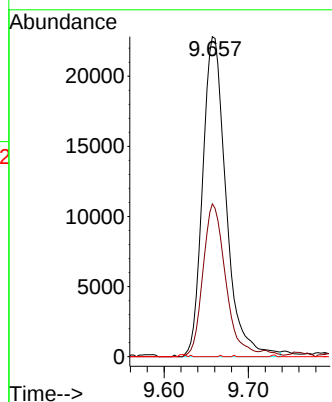
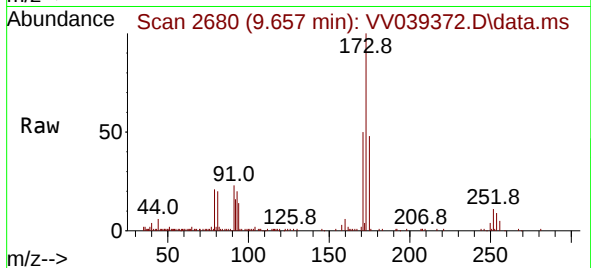
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

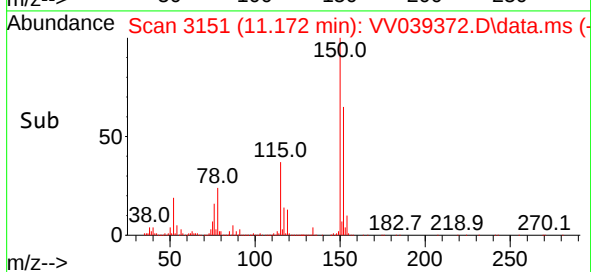
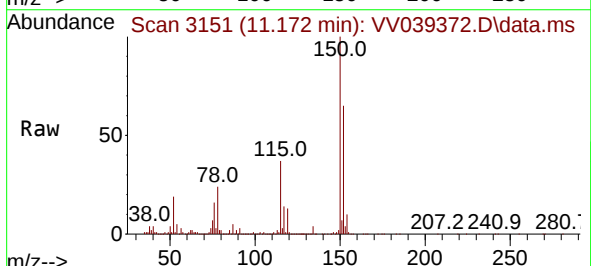
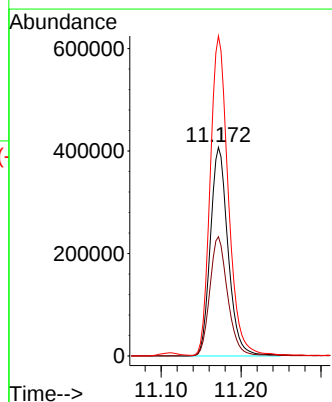
Tgt Ion:152 Resp: 626690

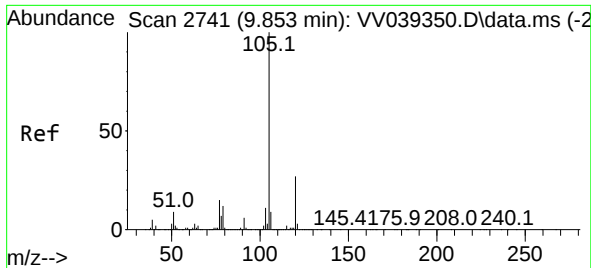
Ion Ratio Lower Upper

152 100

115 57.7 37.3 111.9

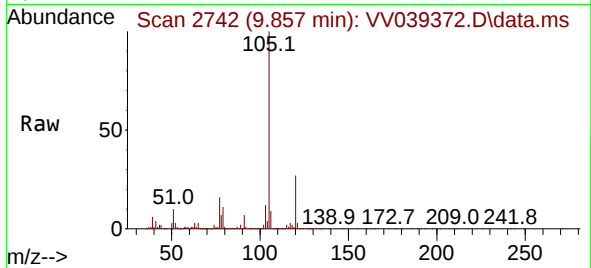
150 155.8 0.0 340.4





#73
Isopropylbenzene
Concen: 4.944 ug/l
RT: 9.857 min Scan# 2741
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

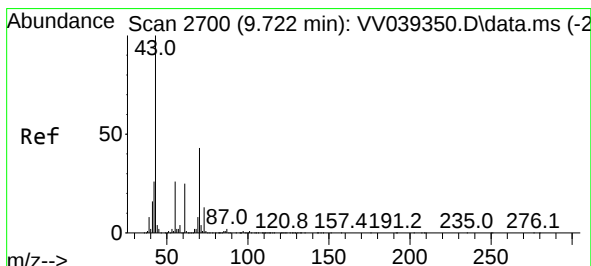
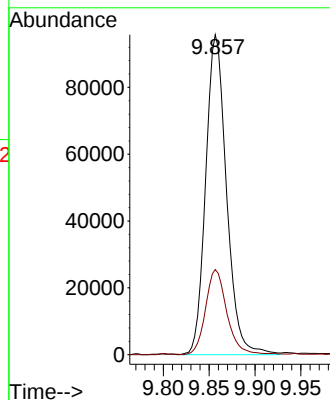
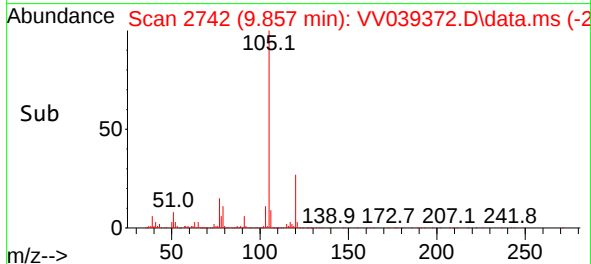
Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion: 105 Resp: 15130
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1

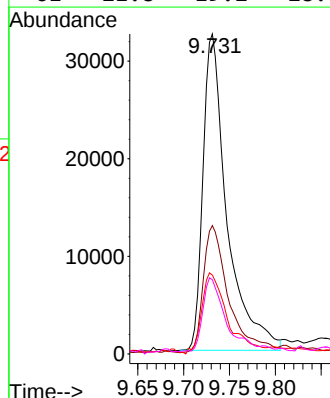
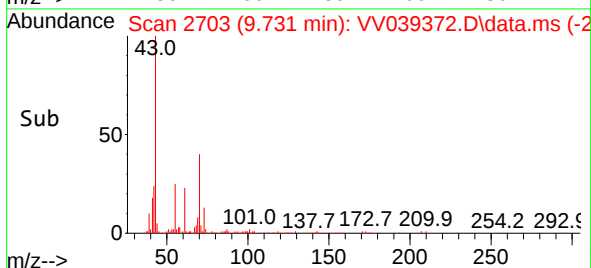
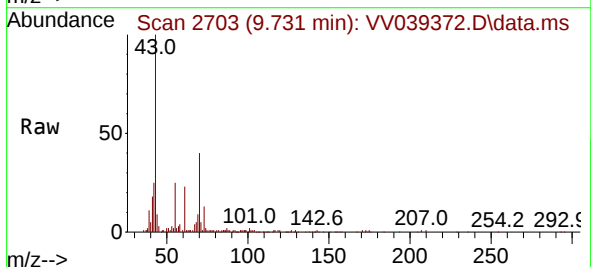
Manual Integrations
APPROVED

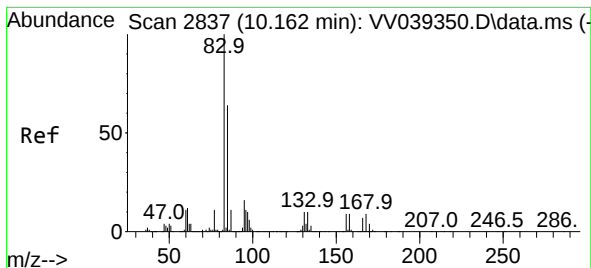
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#74
N-ethyl acetate
Concen: 4.931 ug/l
RT: 9.731 min Scan# 2703
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 43 Resp: 59123
Ion Ratio Lower Upper
43 100
70 42.4 34.6 51.8
55 27.7 21.0 31.6
61 21.8 19.2 28.8





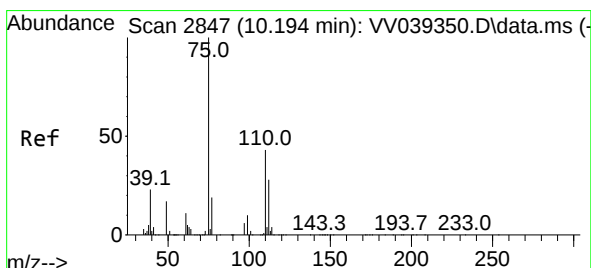
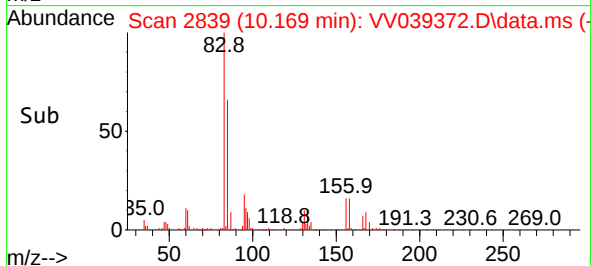
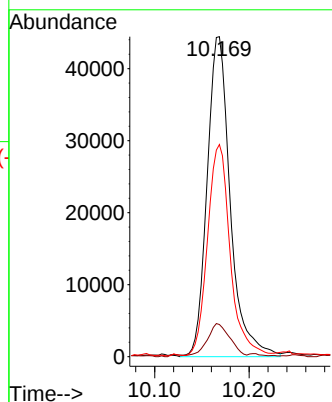
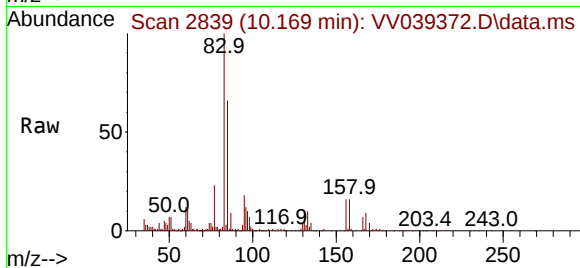
#75
1,1,2,2-Tetrachloroethane
Concen: 5.678 ug/l
RT: 10.169 min Scan# 2837
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 83 Resp: 75678
Ion Ratio Lower Upper
83 100
131 9.8 5.4 16.2
85 64.3 32.0 96.2

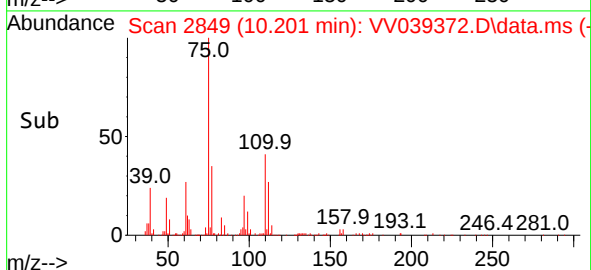
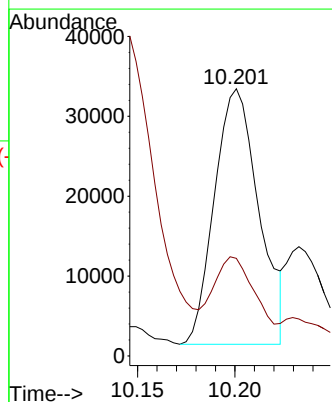
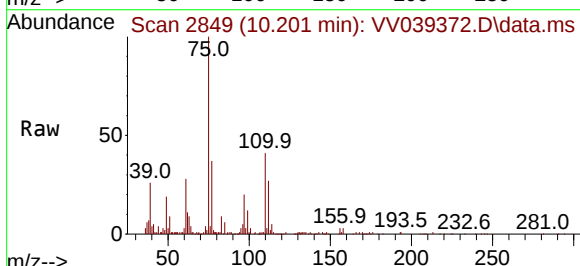
Manual Integrations
APPROVED

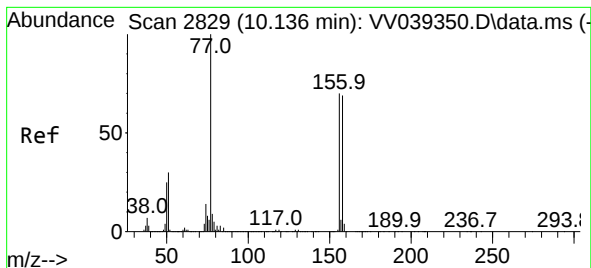
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#76
1,2,3-Trichloropropane
Concen: 5.218 ug/l
RT: 10.201 min Scan# 2849
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 75 Resp: 50761
Ion Ratio Lower Upper
75 100
77 24.3 11.8 35.3





#77

Bromobenzene

Concen: 5.637 ug/l

RT: 10.146 min Scan# 2829

Delta R.T. 0.010 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

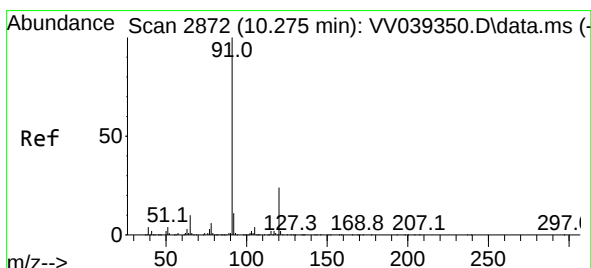
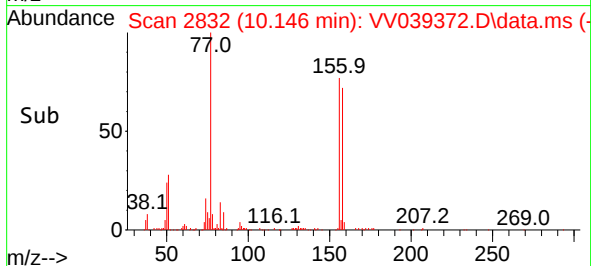
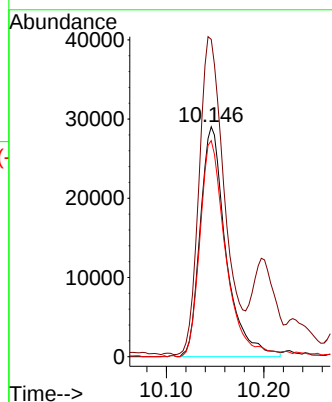
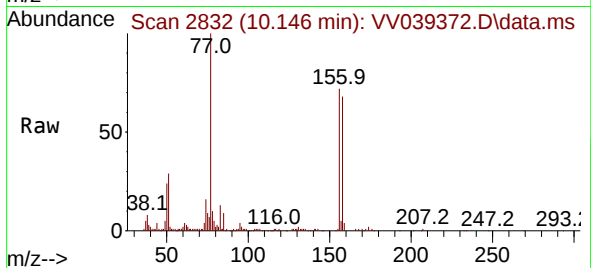
Tgt Ion:	156	Resp:	5324
Ion Ratio	Lower	Upper	
156	100		
77	136.1	70.3	210.9
158	93.8	49.4	148.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#78

n-propylbenzene

Concen: 5.210 ug/l

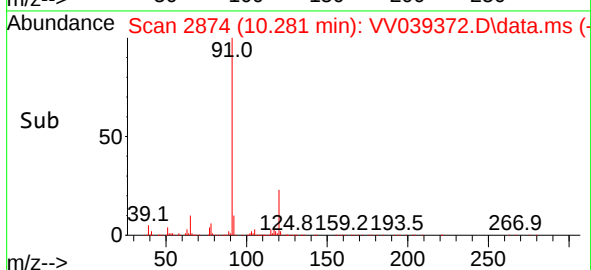
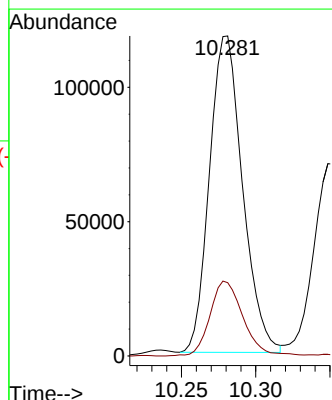
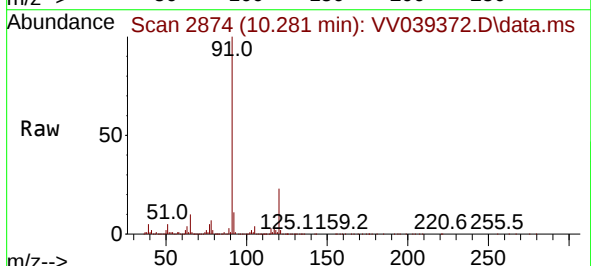
RT: 10.281 min Scan# 2874

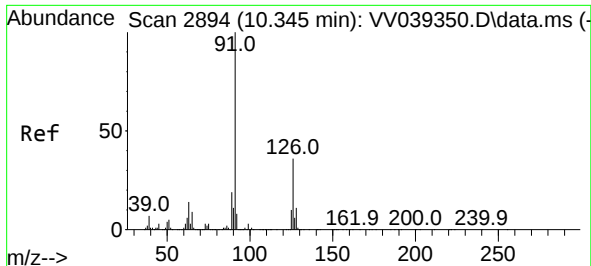
Delta R.T. 0.006 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Tgt Ion:	91	Resp:	182645
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.0	36.0





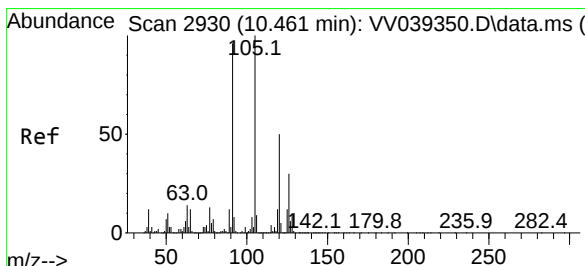
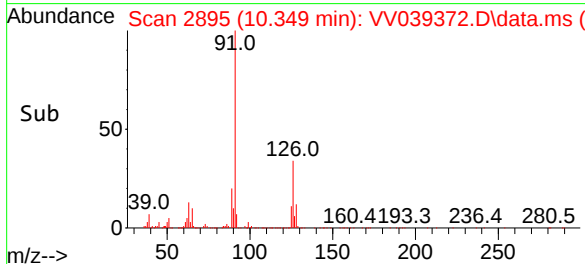
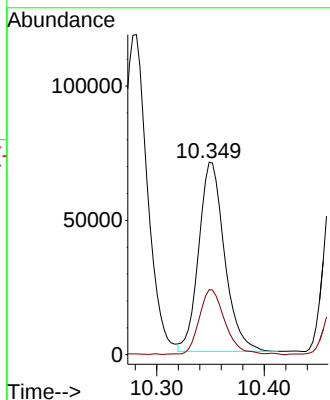
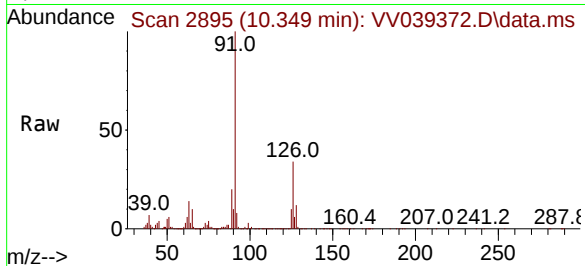
#79
2-Chlorotoluene
Concen: 5.226 ug/l
RT: 10.349 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 91 Resp: 11726
Ion Ratio Lower Upper
91 100
126 33.7 17.6 52.8

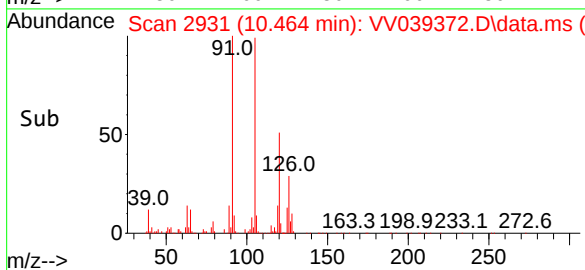
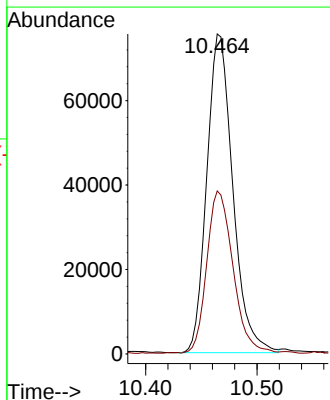
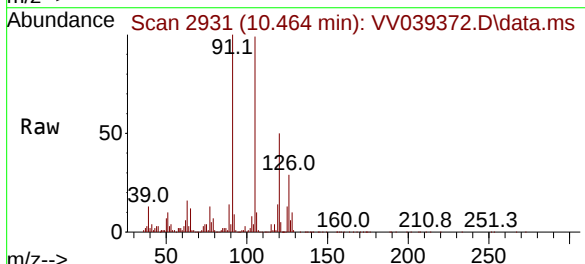
Manual Integrations
APPROVED

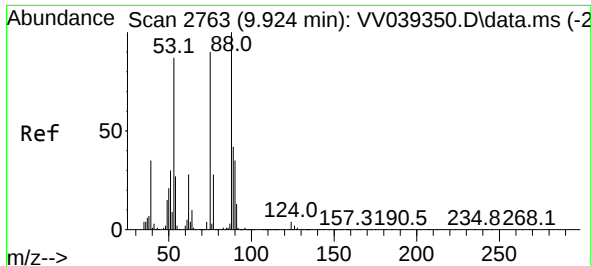
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.902 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion:105 Resp: 122656
Ion Ratio Lower Upper
105 100
120 50.9 25.1 75.4





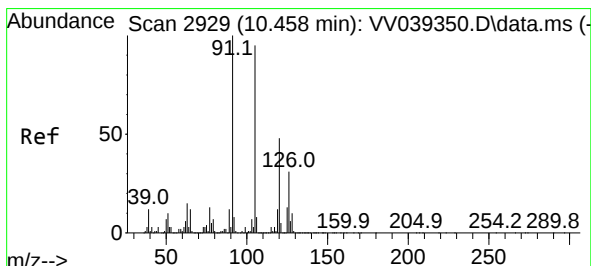
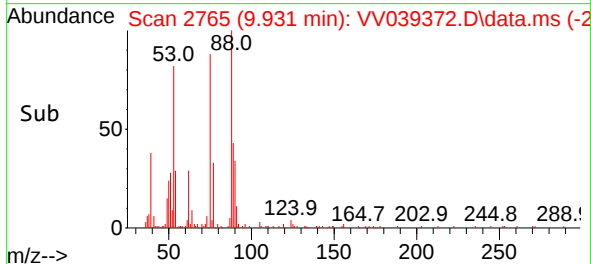
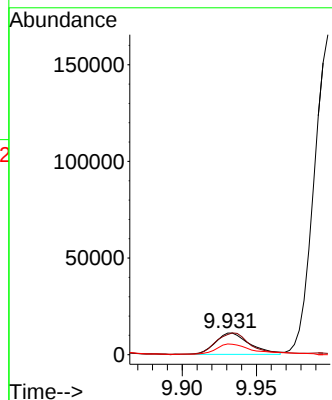
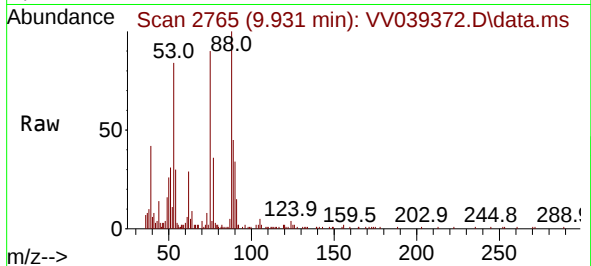
#81
trans-1,4-Dichloro-2-butene
Concen: 4.932 ug/l
RT: 9.931 min Scan# 21789
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 75 Resp: 17898
Ion Ratio Lower Upper
75 100
53 101.6 79.0 118.6
89 57.1 40.4 60.6

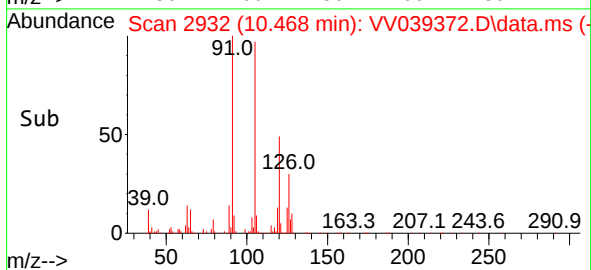
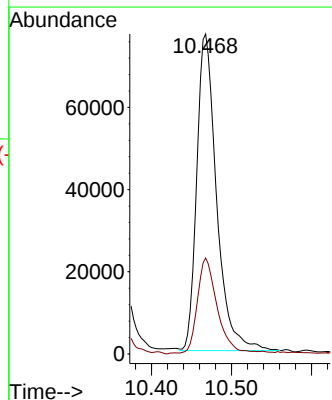
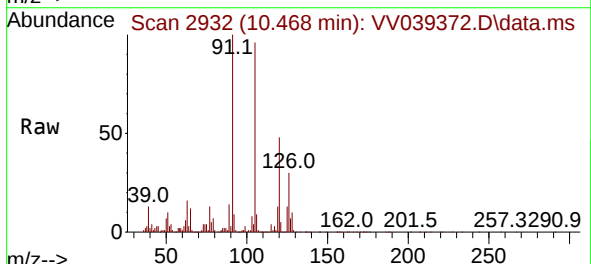
Manual Integrations
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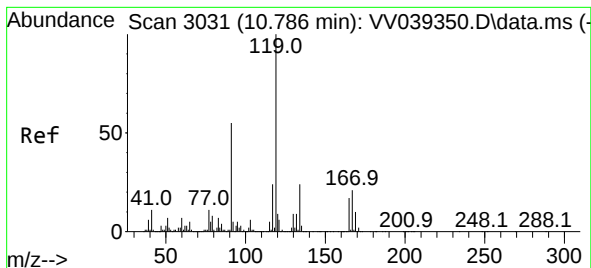
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#82
4-Chlorotoluene
Concen: 5.307 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion: 91 Resp: 133152
Ion Ratio Lower Upper
91 100
126 30.7 15.3 45.9





#83

tert-Butylbenzene

Concen: 5.013 ug/l

RT: 10.789 min Scan# 3031

Delta R.T. 0.003 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:119 Resp: 13785

Ion Ratio Lower Upper

119 100

91 52.9 26.5 79.5

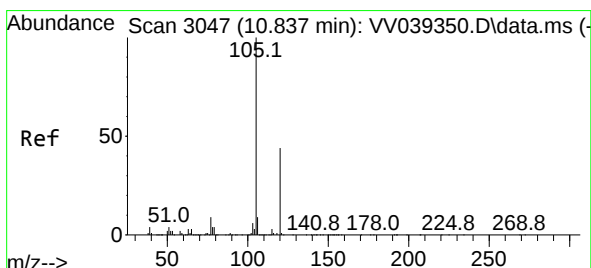
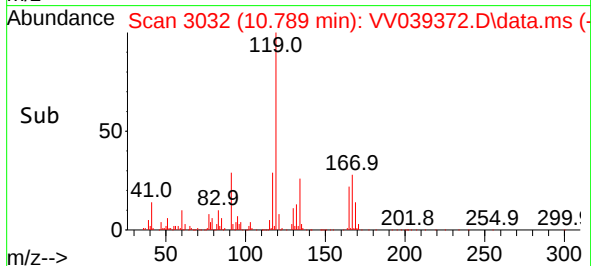
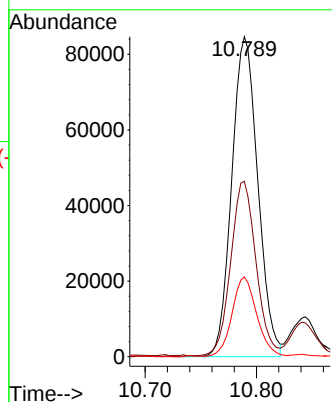
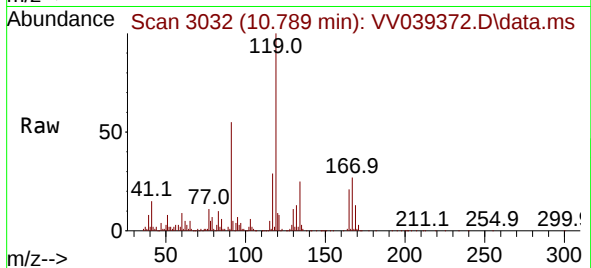
134 23.4 11.9 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#84

1,2,4-Trimethylbenzene

Concen: 4.745 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039372.D

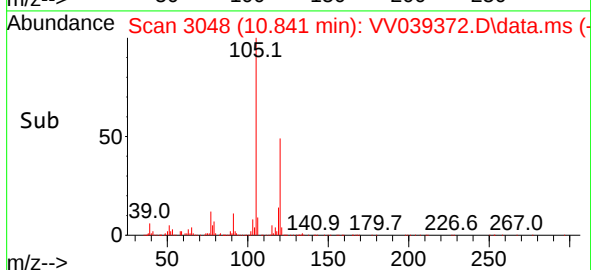
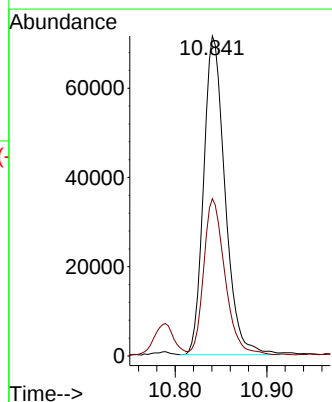
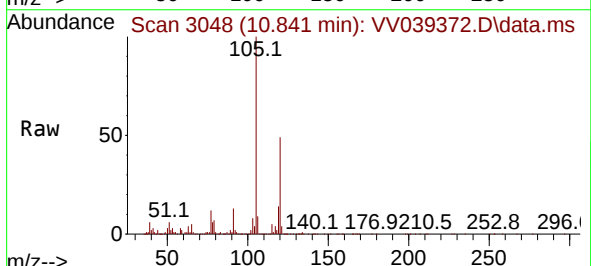
Acq: 12 Nov 2025 14:01

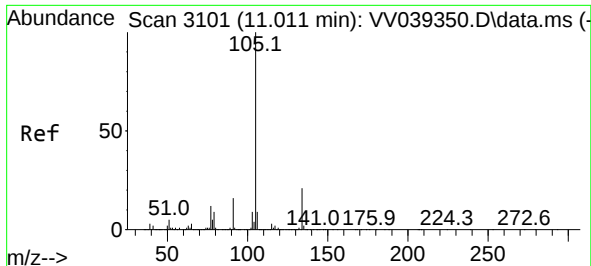
Tgt Ion:105 Resp: 115653

Ion Ratio Lower Upper

105 100

120 48.7 23.0 69.0





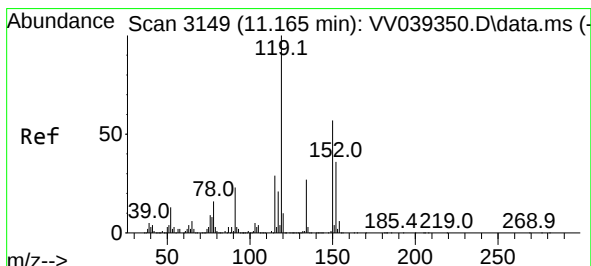
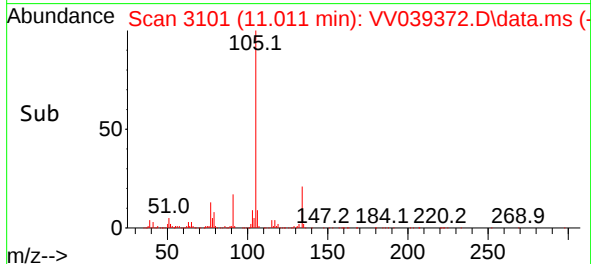
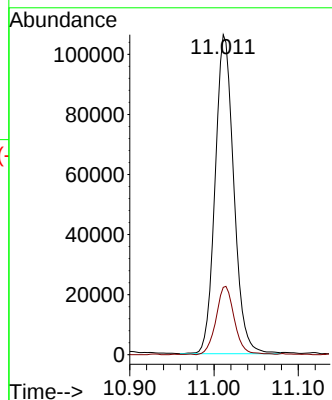
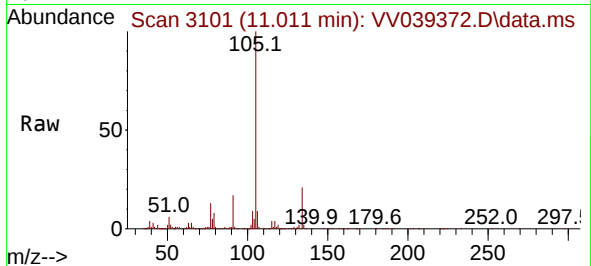
#85
 sec-Butylbenzene
 Concen: 5.002 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: VV039372.D
 Acq: 12 Nov 2025 14:01

Instrument : MSVOA_V
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Tgt Ion:105 Resp: 16310
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.6

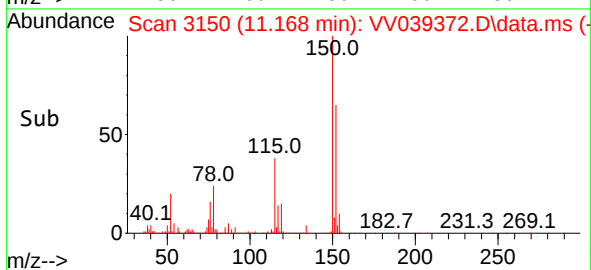
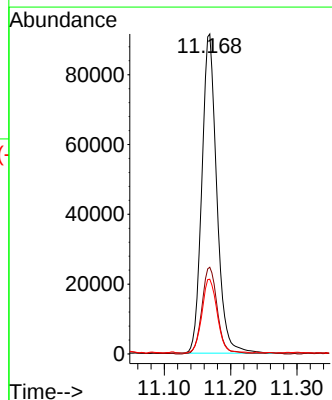
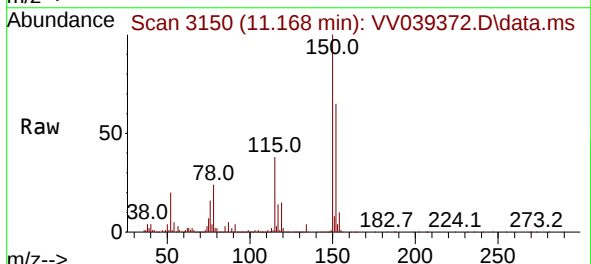
Manual Integrations
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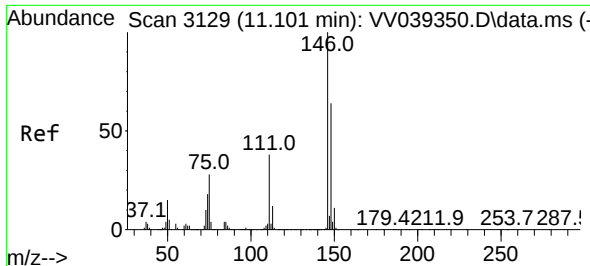
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#86
 p-Isopropyltoluene
 Concen: 5.068 ug/l
 RT: 11.168 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VV039372.D
 Acq: 12 Nov 2025 14:01

Tgt Ion:119 Resp: 142603
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.4 40.2
 91 23.8 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 5.340 ug/l

RT: 11.107 min Scan# 3129

Delta R.T. 0.006 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

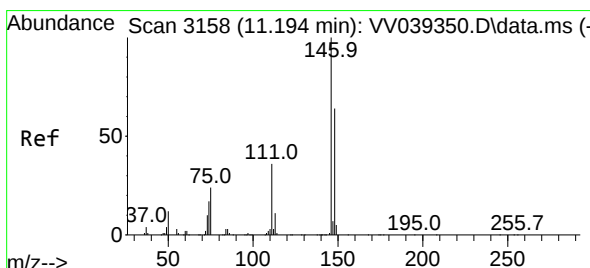
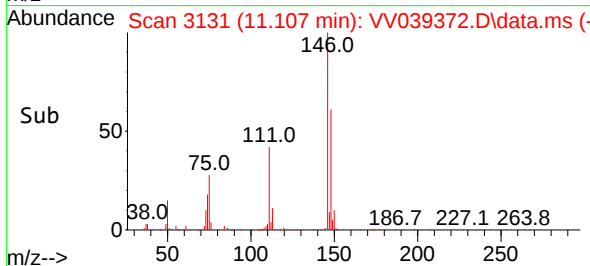
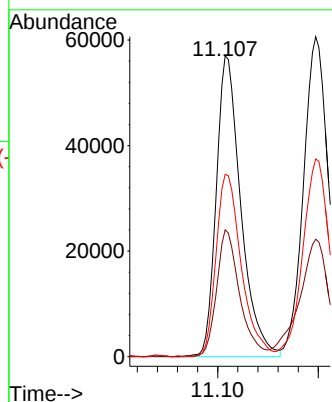
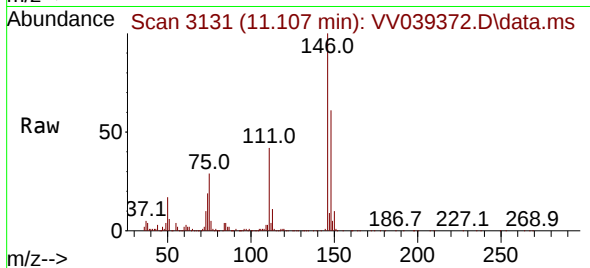
Tgt Ion:146	Resp:	96748
Ion Ratio	Lower	Upper
146	100	
111	39.0	18.8 56.4
148	62.3	31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#88

1,4-Dichlorobenzene

Concen: 5.368 ug/l

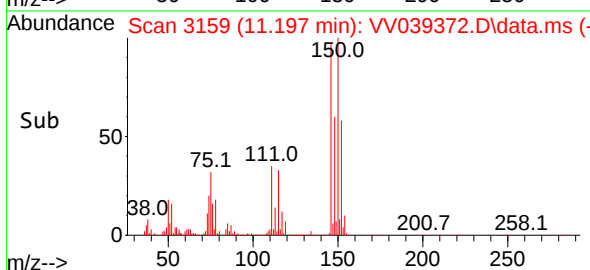
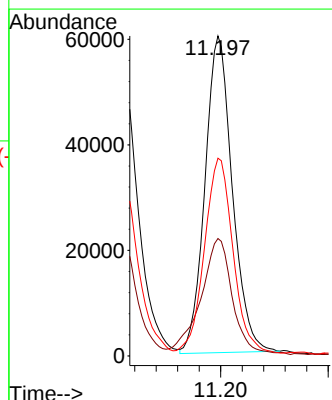
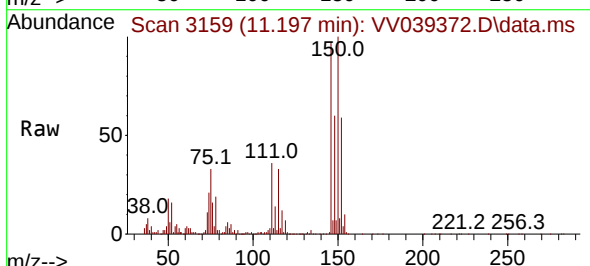
RT: 11.197 min Scan# 3159

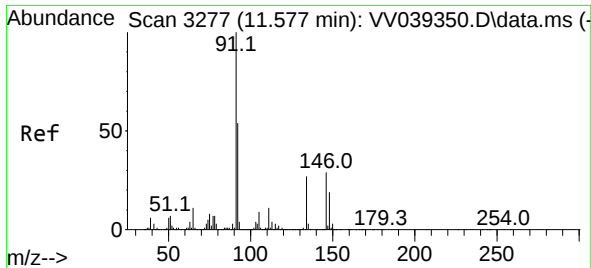
Delta R.T. 0.003 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Tgt Ion:146	Resp:	106028
Ion Ratio	Lower	Upper
146	100	
111	42.9	18.6 55.8
148	65.1	32.0 96.2





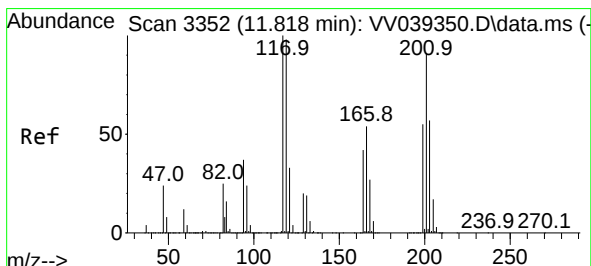
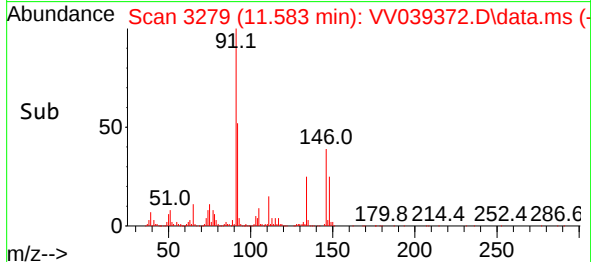
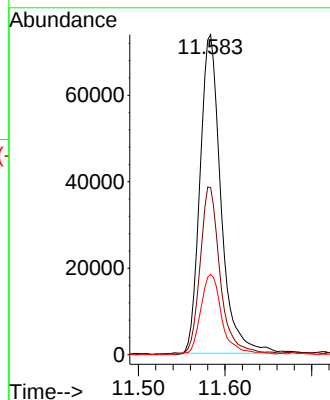
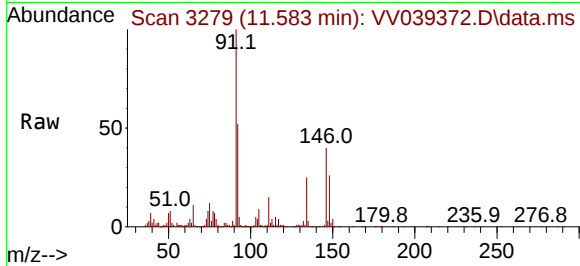
#89
n-Butylbenzene
Concen: 4.927 ug/l
RT: 11.583 min Scan# 3279
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025

Tgt Ion: 91 Resp: 123639
Ion Ratio Lower Upper
91 100
92 50.6 26.9 80.7
134 26.1 13.5 40.5

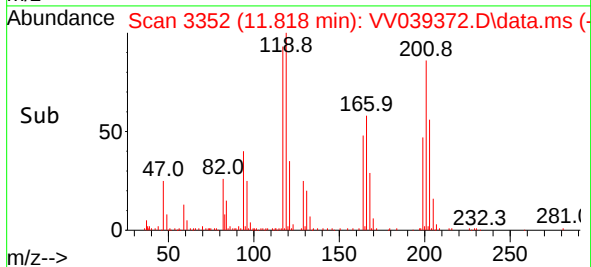
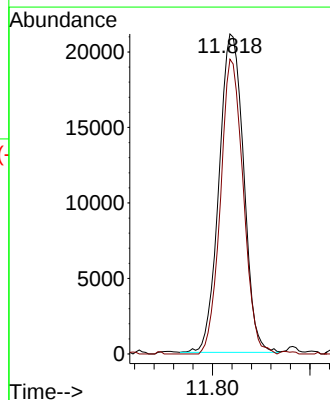
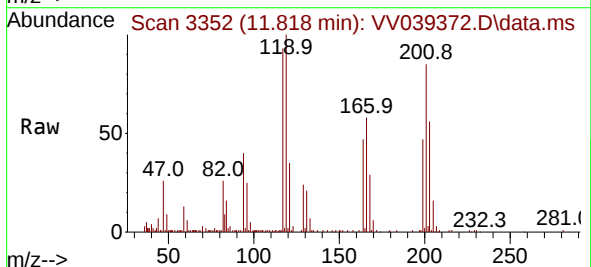
Manual Integrations
APPROVED

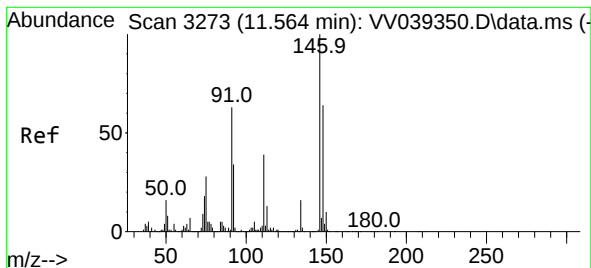
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#90
Hexachloroethane
Concen: 5.280 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

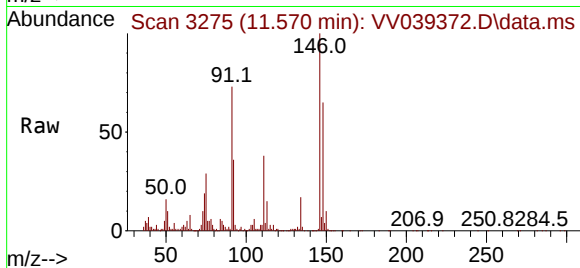
Tgt Ion:117 Resp: 37028
Ion Ratio Lower Upper
117 100
201 85.6 45.3 135.8





#91
1,2-Dichlorobenzene
Concen: 5.278 ug/l
RT: 11.570 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

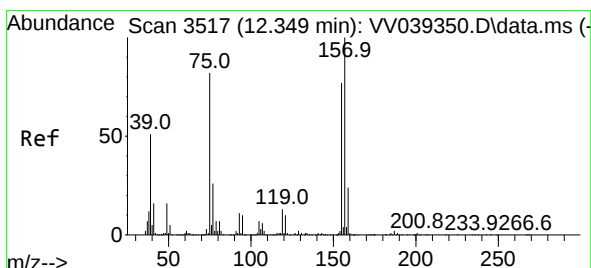
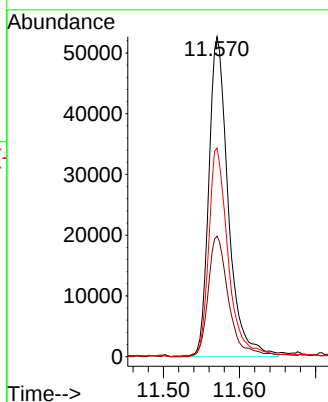
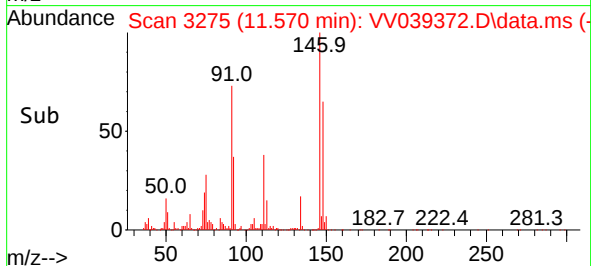
Instrument :
MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



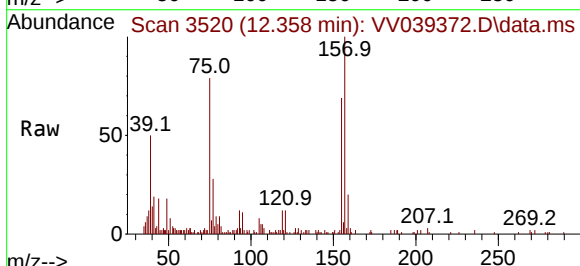
Tgt Ion:146 Resp: 9356
Ion Ratio Lower Upper
146 100
111 39.3 19.5 58.5
148 64.1 32.0 96.0

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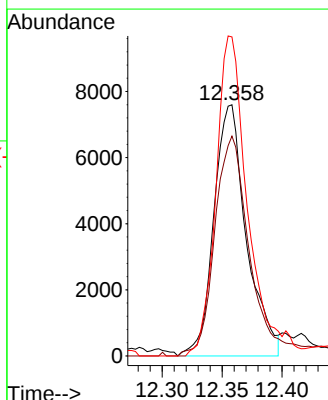
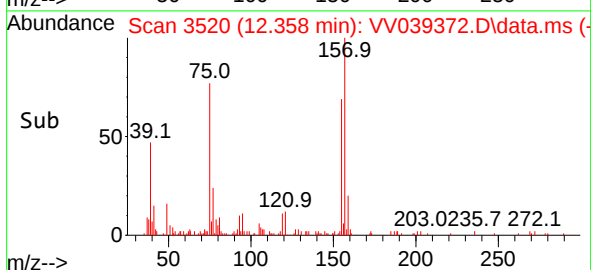
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

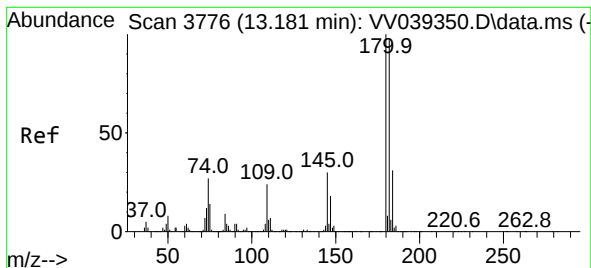


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.239 ug/l
RT: 12.358 min Scan# 3520
Delta R.T. 0.010 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01



Tgt Ion: 75 Resp: 14355
Ion Ratio Lower Upper
75 100
155 94.0 47.0 141.2
157 124.1 61.3 183.9





#93

1,2,4-Trichlorobenzene

Concen: 4.948 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

LOQ-WATER-02-QT4-2025

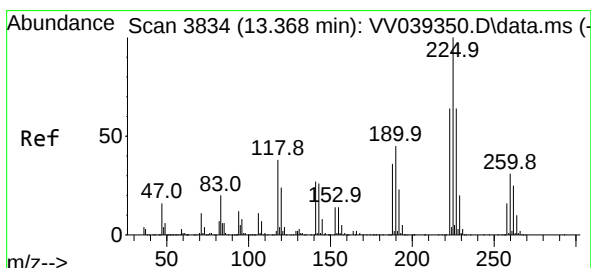
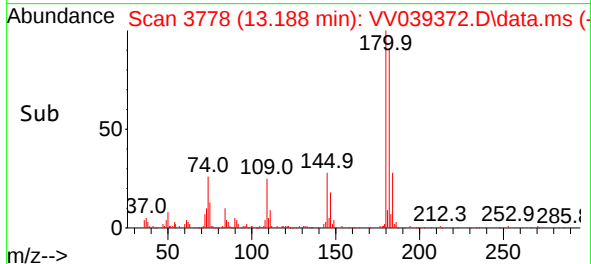
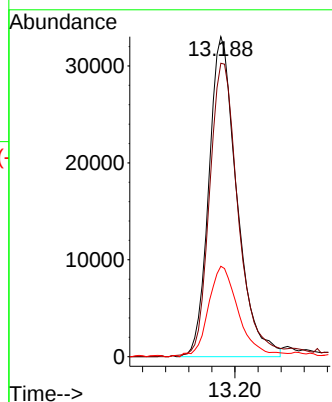
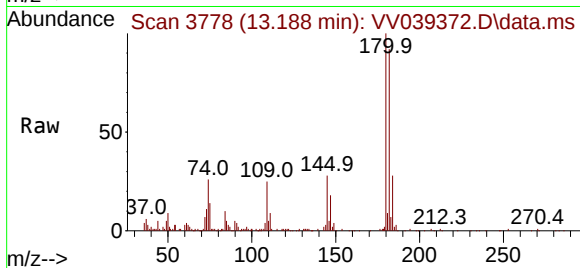
Tgt Ion:180	Resp:	5565
Ion Ratio	Lower	Upper
180	100	
182	93.8	48.5 145.5
145	30.4	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#94

Hexachlorobutadiene

Concen: 5.478 ug/l

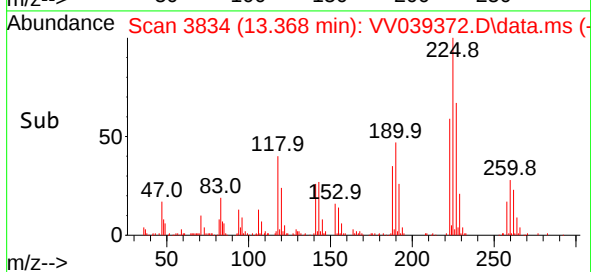
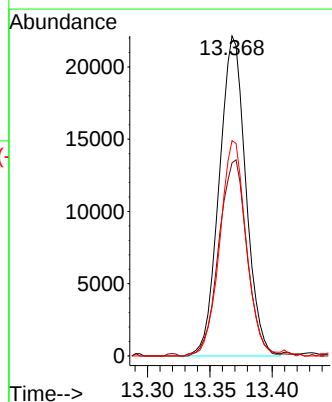
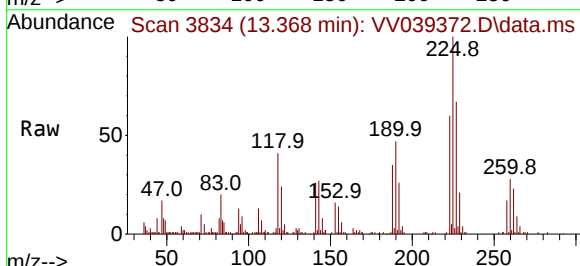
RT: 13.368 min Scan# 3834

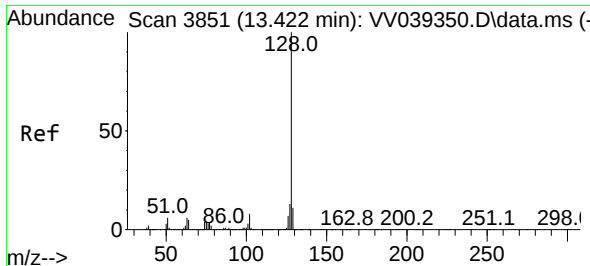
Delta R.T. -0.000 min

Lab File: VV039372.D

Acq: 12 Nov 2025 14:01

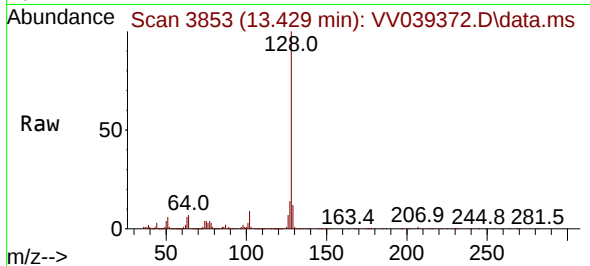
Tgt Ion:225	Resp:	32865
Ion Ratio	Lower	Upper
225	100	
223	65.0	31.1 93.5
227	66.9	31.7 95.1





#95
Naphthalene
Concen: 4.450 ug/l
RT: 13.429 min Scan# 3851
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

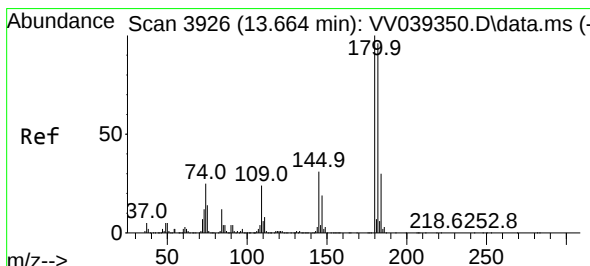
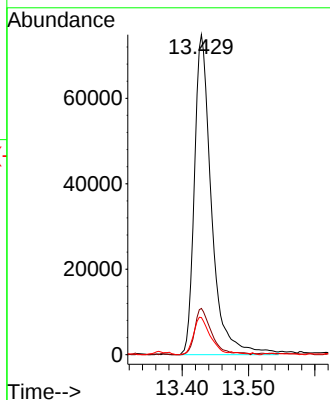
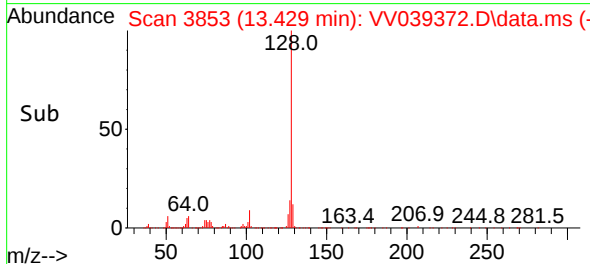
Instrument : MSVOA_V
ClientSampleId :
LOQ-WATER-02-QT4-2025



Tgt Ion:128 Resp: 134140
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 11.4 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: 4.910 ug/l
RT: 13.670 min Scan# 3928
Delta R.T. 0.006 min
Lab File: VV039372.D
Acq: 12 Nov 2025 14:01

Tgt Ion:180 Resp: 56984
Ion Ratio Lower Upper
180 100
182 93.9 47.9 143.6
145 29.3 15.3 45.9

