

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV039006.D
 Acq On : 22 Aug 2025 00:42
 Operator : SY/MD
 Sample : Q2924-04MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-201-082025MSD

Quant Time: Aug 22 04:43:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/22/2025
 Supervised By : Mahesh Dadoda 08/25/2025

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	516721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	845786	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.780	117	728229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.178	152	478184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.950	65	381291	52.588	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 105.180%			
35) Dibromofluoromethane	4.503	113	299483	47.215	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 94.440%			
50) Toluene-d8	7.252	98	980828	44.345	ug/l	0.02
Spiked Amount 50.000	Range 89 - 112		Recovery = 88.680%#			
62) 4-Bromofluorobenzene	10.005	95	491029	60.685	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 121.380%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	345061	44.672	ug/l	96
3) Chloromethane	1.227	50	393578	49.328	ug/l	100
4) Vinyl Chloride	1.294	62	484189	57.513	ug/l #	53
5) Bromomethane	1.491	94	141343	31.066	ug/l	96
6) Chloroethane	1.558	64	260534	60.731	ug/l	95
7) Trichlorofluoromethane	1.722	101	548381	47.548	ug/l	99
8) Diethyl Ether	1.915	74	211490	59.630	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.079	101	279952	43.975	ug/l	100
10) Methyl Iodide	2.195	142	363241	45.862	ug/l	97
11) Tert butyl alcohol	2.561	59	359205	366.038	ug/l	99
12) 1,1-Dichloroethene	2.079	96	320017	54.569	ug/l	98
13) Acrolein	2.008	56	101019	323.052	ug/l #	1
14) Allyl chloride	2.355	41	443165	56.598	ug/l	92
15) Acrylonitrile	2.671	53	949458	320.146	ug/l	99
16) Acetone	2.118	43	768715	264.160	ug/l	100
17) Carbon Disulfide	2.253	76	903551	55.395	ug/l	100
18) Methyl Acetate	2.378	43	381852	61.908	ug/l	98
19) Methyl tert-butyl Ether	2.706	73	1170536	67.503	ug/l	98
20) Methylene Chloride	2.455	84	362370	53.584	ug/l	97
21) trans-1,2-Dichloroethene	2.699	96	1523323	249.393	ug/l	99
22) Diisopropyl ether	3.214	45	879880	51.181	ug/l	87
23) Vinyl Acetate	3.185	43	3552898	257.566	ug/l	100
24) 1,1-Dichloroethane	3.117	63	559530	49.135	ug/l	99
25) 2-Butanone	3.857	43	976734	257.968	ug/l	99
26) 2,2-Dichloropropane	3.812	77	391984	35.883	ug/l	79
27) cis-1,2-Dichloroethene	3.815	96	1318826	178.890	ug/l	92
28) Bromochloromethane	4.150	49	113461	47.352	ug/l	95
29) Tetrahydrofuran	4.230	42	624314	247.013	ug/l	99
30) Chloroform	4.278	83	584578	44.921	ug/l	98
31) Cyclohexane	4.587	56	388628	38.250	ug/l	97
32) 1,1,1-Trichloroethane	4.516	97	531467	43.470	ug/l	99
36) 1,1-Dichloropropene	4.748	75	362867	44.051	ug/l #	75
37) Ethyl Acetate	3.970	43	363289	45.139	ug/l	98
38) Carbon Tetrachloride	4.738	117	461506	41.837	ug/l	98
39) Methylcyclohexane	6.050	83	408954	38.854	ug/l	97
40) Benzene	4.989	78	41786406m	1619.610	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	174654	57.590	ug/l	94
42) 1,2-Dichloroethane	5.031	62	1675883	177.676	ug/l	81
43) Isopropyl Acetate	5.191	43	576273	46.927	ug/l	98
44) Trichloroethene	5.831	130	510209	72.904	ug/l	97
45) 1,2-Dichloropropane	6.092	63	266643	43.093	ug/l	100
46) Dibromomethane	6.227	93	223003	42.951	ug/l	96
47) Bromodichloromethane	6.429	83	455485	43.106	ug/l	99
48) Methyl methacrylate	6.297	41	287412	52.211	ug/l	100
49) 1,4-Dioxane	6.291	88	105828	1149.755	ug/l #	94
51) 4-Methyl-2-Pentanone	7.178	43	1893658	234.852	ug/l	97
52) Toluene	7.301	92	52309160m	3201.320	ug/l	
53) t-1,3-Dichloropropene	7.580	75	430866	43.618	ug/l	99
54) cis-1,3-Dichloropropene	6.953	75	460077	44.952	ug/l	97
55) 1,1,2-Trichloroethane	7.764	97	281002	39.442	ug/l	97
56) Ethyl methacrylate	7.719	69	449382	41.707	ug/l	94
57) 1,3-Dichloropropane	7.937	76	454247	40.889	ug/l	99
59) 2-Hexanone	8.066	43	1351114	174.475	ug/l	97
60) Dibromochloromethane	8.172	129	355683	41.346	ug/l	100
61) 1,2-Dibromoethane	8.278	107	317106	42.903	ug/l	99
64) Tetrachloroethene	7.902	164	243136	44.870	ug/l	99
65) Chlorobenzene	8.809	112	802400	45.699	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.902	131	293528	46.569	ug/l	99
67) Ethyl Benzene	8.934	91	17313419m	645.919	ug/l	
68) m/p-Xylenes	9.063	106	24381378m	2342.084	ug/l	
69) o-Xylene	9.474	106	23416839m	2467.957	ug/l	
70) Styrene	9.484	104	30239909m	1857.645	ug/l	
71) Bromoform	9.661	173	324713	62.527	ug/l #	100
73) Isopropylbenzene	9.860	105	1978260	61.652	ug/l	100
74) N-amyl acetate	9.728	43	738894	62.852	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.169	83	617295	48.440	ug/l	99
76) 1,2,3-Trichloropropane	10.201	75	498808m	56.237	ug/l	
77) Bromobenzene	10.143	156	435579	52.834	ug/l	99
78) n-propylbenzene	10.281	91	3348625	87.407	ug/l	99
79) 2-Chlorotoluene	10.352	91	2328880	101.245	ug/l	72
80) 1,3,5-Trimethylbenzene	10.468	105	6683197	247.494	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.934	75	211232	54.677	ug/l	99
82) 4-Chlorotoluene	10.468	91	2026734	76.446	ug/l	84
83) tert-Butylbenzene	10.796	119	1454326	54.239	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	16967058m	656.579	ug/l	
85) sec-Butylbenzene	11.017	105	1749648	50.174	ug/l	100
86) p-Isopropyltoluene	11.172	119	1833643	62.439	ug/l	99
87) 1,3-Dichlorobenzene	11.111	146	811237	49.833	ug/l	99
88) 1,4-Dichlorobenzene	11.204	146	813543	46.849	ug/l	99
89) n-Butylbenzene	11.609	91	1596814	55.811	ug/l	91
90) Hexachloroethane	11.834	117	357945m	52.741	ug/l	
91) 1,2-Dichlorobenzene	11.574	146	800159	51.547	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.355	75	151928	61.300	ug/l	97
93) 1,2,4-Trichlorobenzene	13.191	180	517941	55.914	ug/l	99
94) Hexachlorobutadiene	13.394	225	191018	40.001	ug/l	98
95) Naphthalene	13.413	128	38442747m	1315.089	ug/l	
96) 1,2,3-Trichlorobenzene	13.670	180	517828	55.441	ug/l	98

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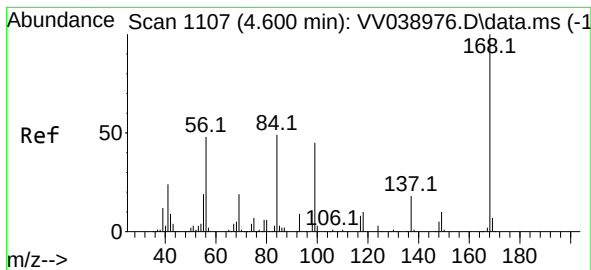
Manual Integrations
APPROVED

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Response via : Initial Calibration

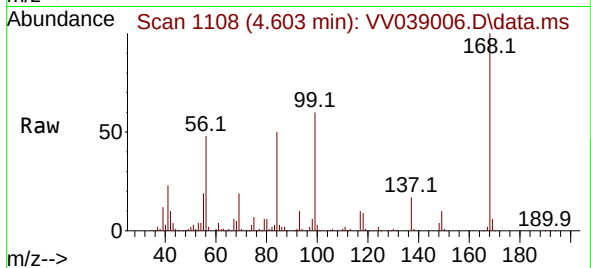
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1107
Delta R.T. 0.003 min
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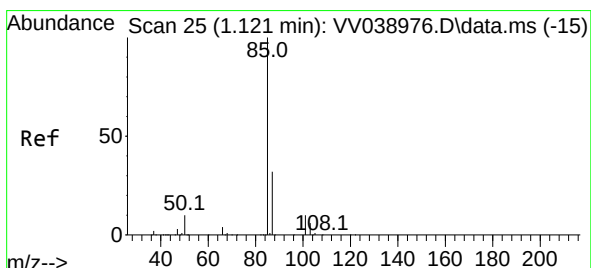
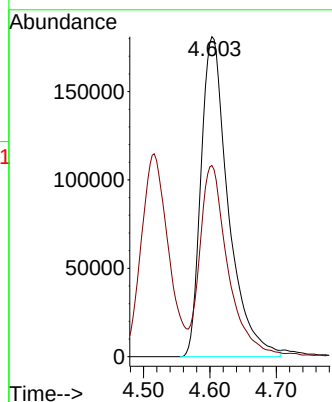
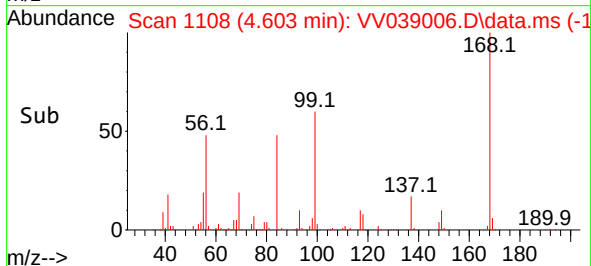
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion:168 Resp: 51672
Ion Ratio Lower Upper
168 100
99 58.5 47.0 70.6

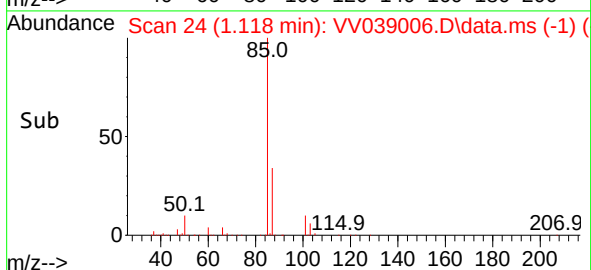
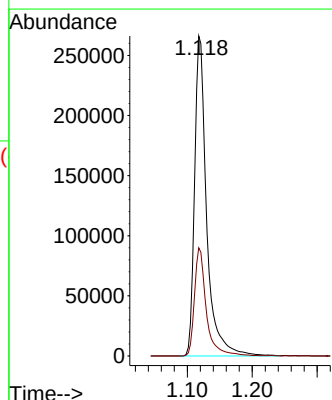
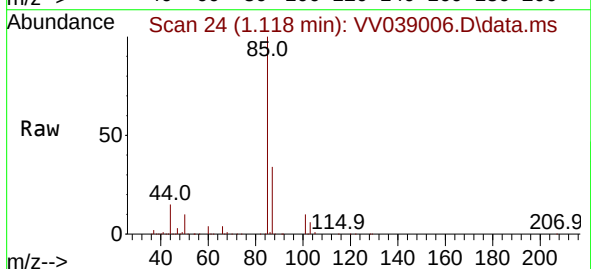
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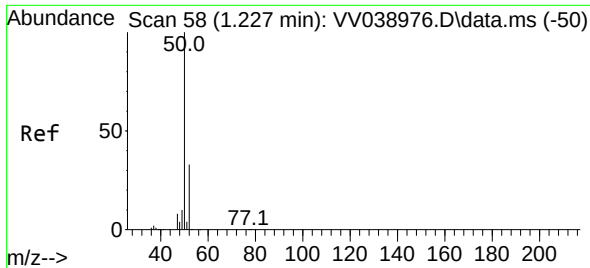
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#2
Dichlorodifluoromethane
Concen: 44.672 ug/l
RT: 1.118 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

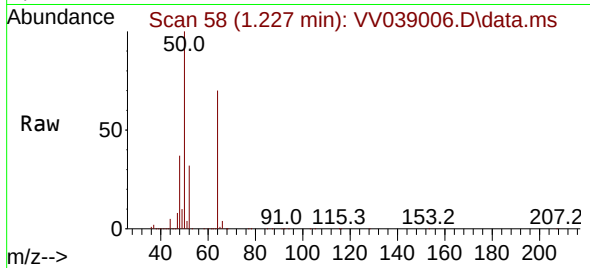
Tgt Ion: 85 Resp: 345061
Ion Ratio Lower Upper
85 100
87 33.8 15.8 47.3





#3
Chloromethane
Concen: 49.328 ug/l
RT: 1.227 min Scan# 58
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

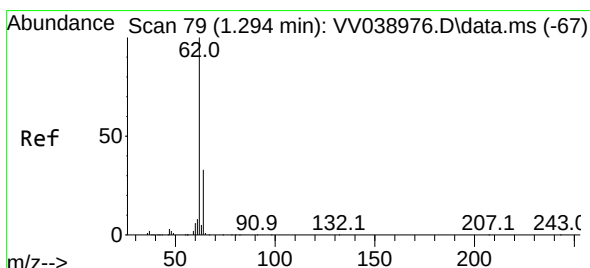
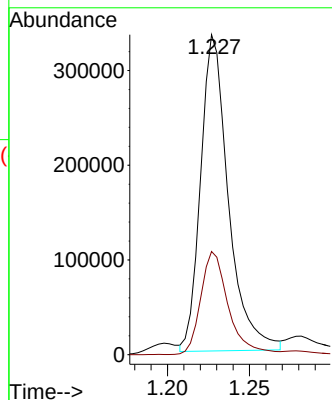
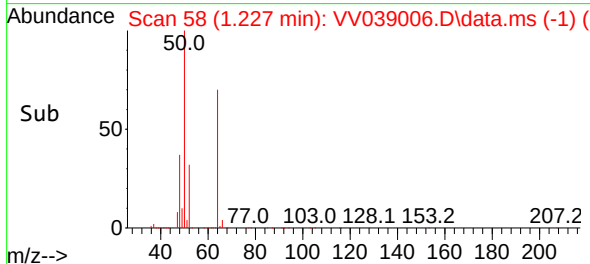
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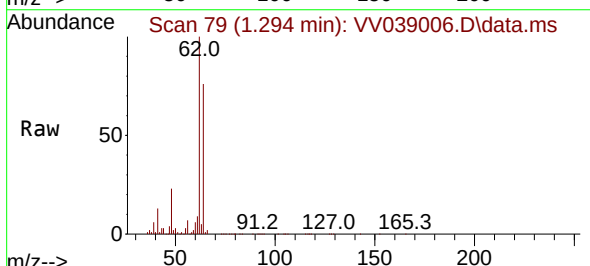
Tgt Ion: 50 Resp: 393578
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.2

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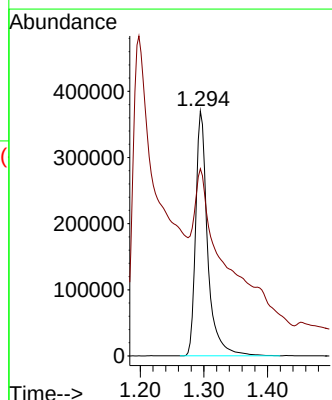
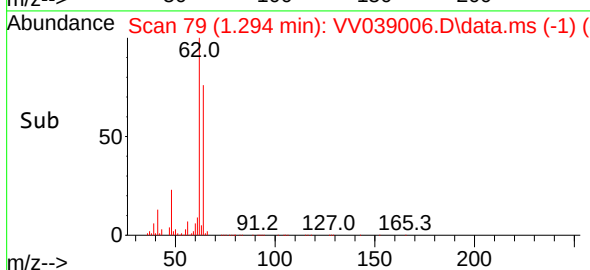
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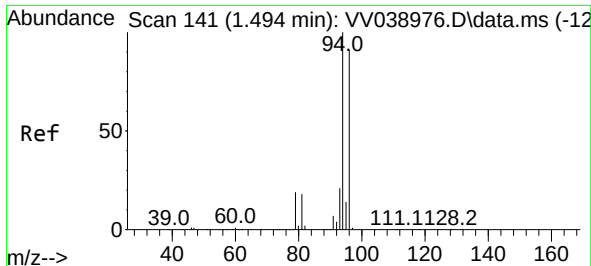


#4
Vinyl Chloride
Concen: 57.513 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42



Tgt Ion: 62 Resp: 484189
Ion Ratio Lower Upper
62 100
64 59.7 26.4 39.6





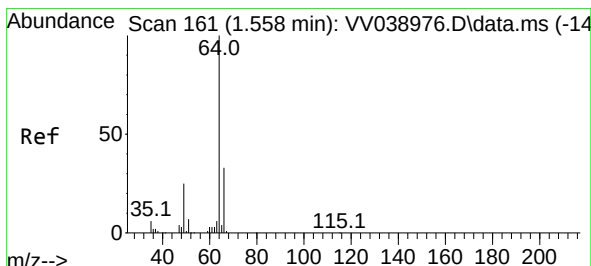
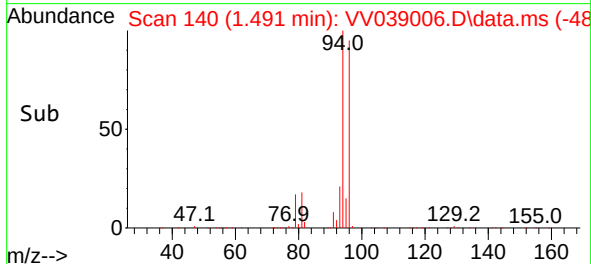
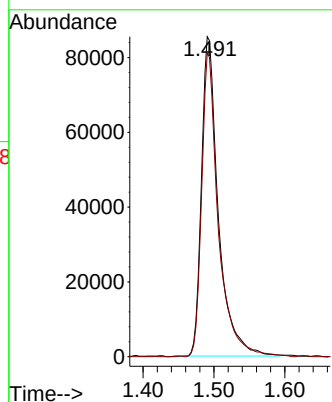
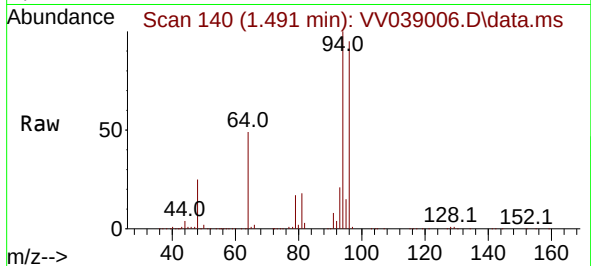
#5
Bromomethane
Concen: 31.066 ug/l
RT: 1.491 min Scan# 141
Delta R.T. -0.003 min
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Tgt Ion: 94 Resp: 14134
Ion Ratio Lower Upper
94 100
96 94.8 73.1 109.7

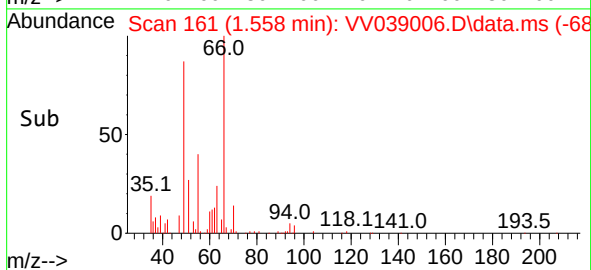
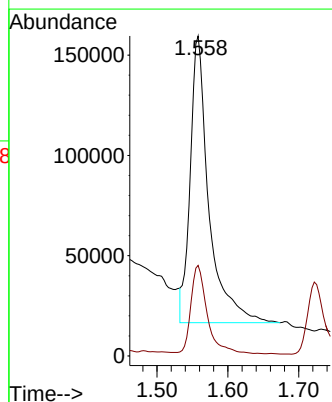
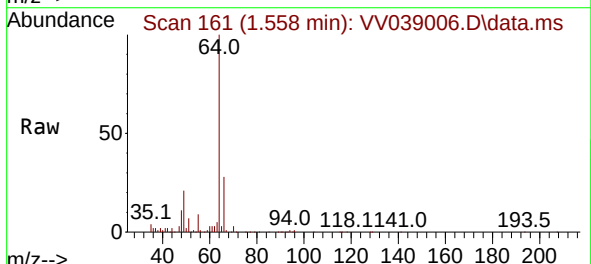
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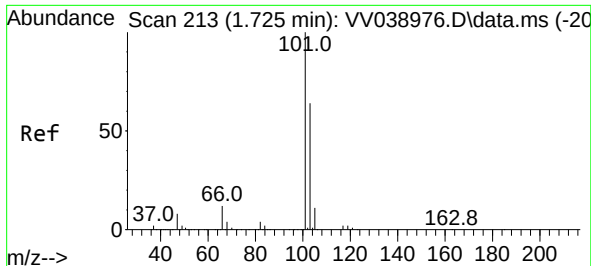
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#6
Chloroethane
Concen: 60.731 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039006.D
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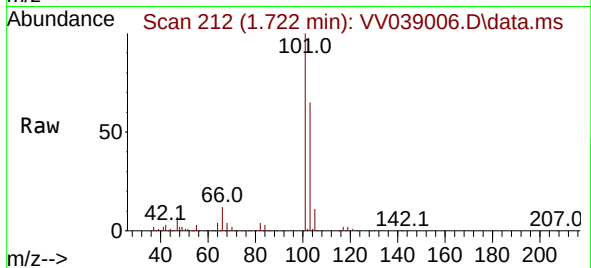
Tgt Ion: 64 Resp: 260534
Ion Ratio Lower Upper
64 100
66 30.9 26.8 40.2





#7
 Trichlorofluoromethane
 Concen: 47.548 ug/l
 RT: 1.722 min Scan# 213
 Delta R.T. -0.003 min
 Lab File: VV039006.D
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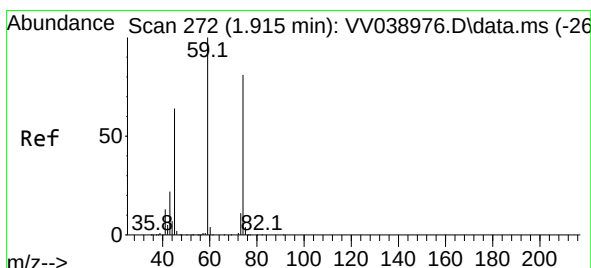
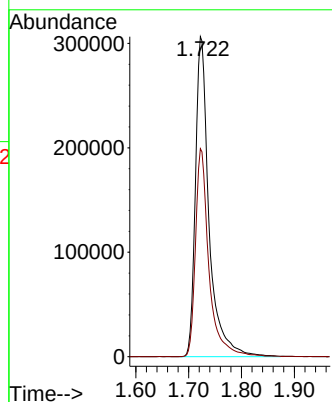
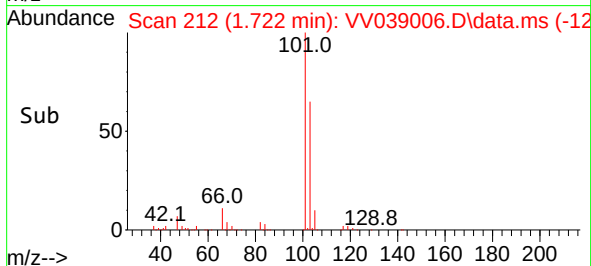
Instrument :
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Tgt Ion:101 Resp: 54838
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.2

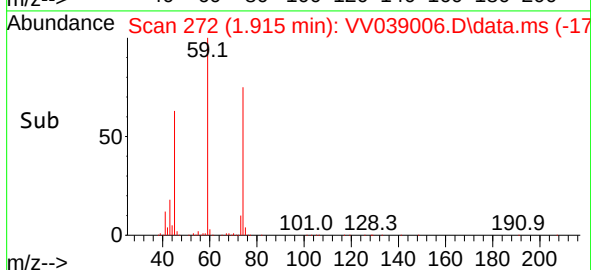
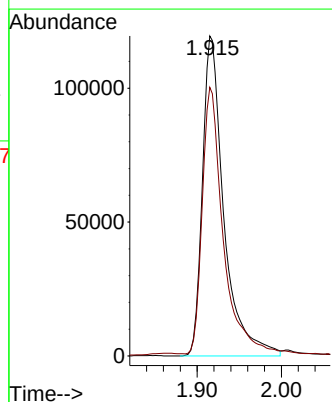
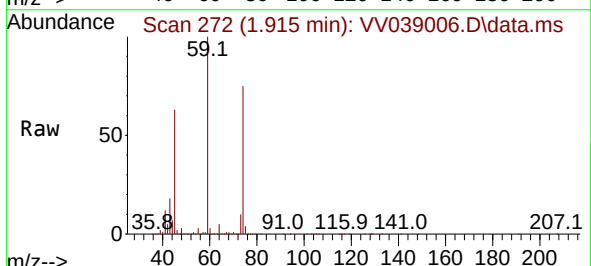
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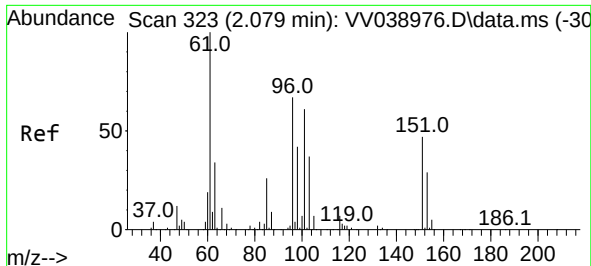
Reviewed By :John Carlone 08/22/2025
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#8
 Diethyl Ether
 Concen: 59.630 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 211490
 Ion Ratio Lower Upper
 74 100
 45 81.6 39.8 119.4





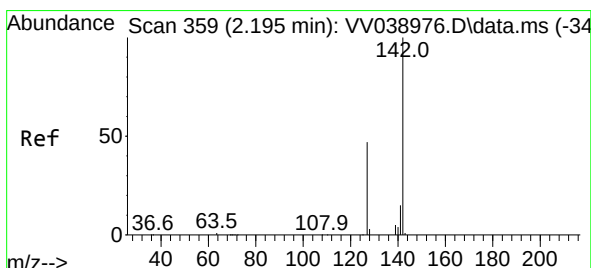
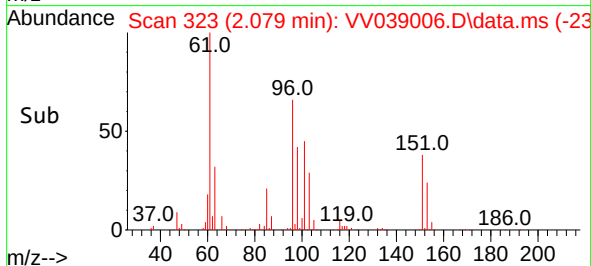
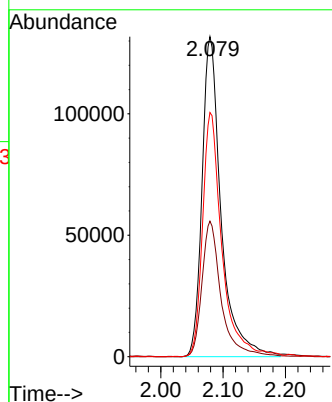
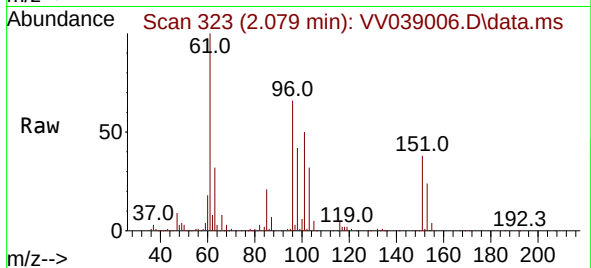
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.975 ug/l
RT: 2.079 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD

Tgt Ion:101 Resp: 279952
Ion Ratio Lower Upper
101 100
85 42.8 34.6 51.8
151 77.5 62.1 93.1

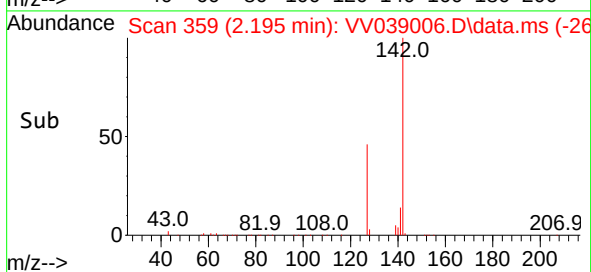
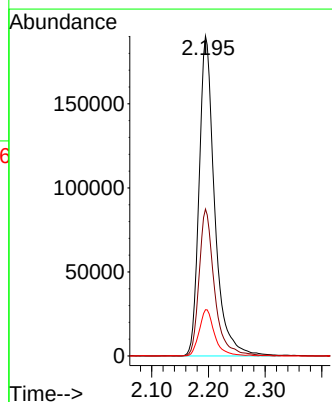
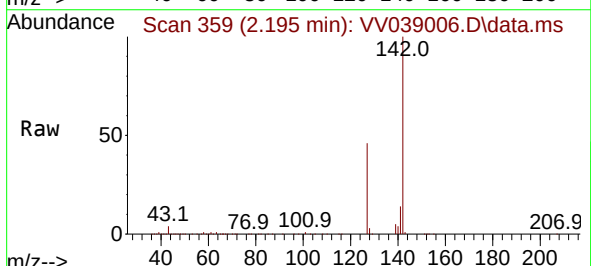
Manual Integrations
APPROVED

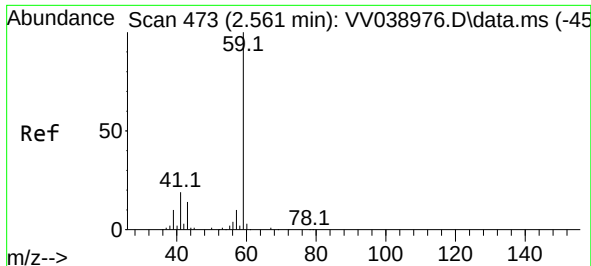
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#10
Methyl Iodide
Concen: 45.862 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

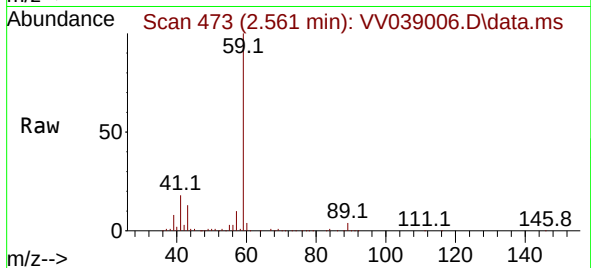
Tgt Ion:142 Resp: 363241
Ion Ratio Lower Upper
142 100
127 45.3 38.6 57.8
141 14.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 366.038 ug/l
RT: 2.561 min Scan# 473
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

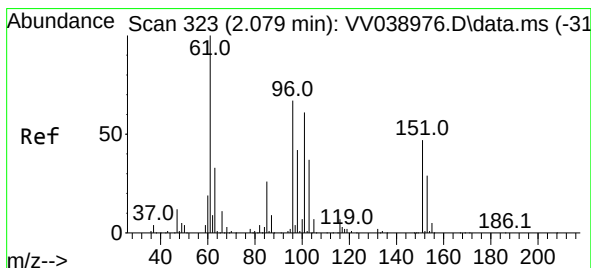
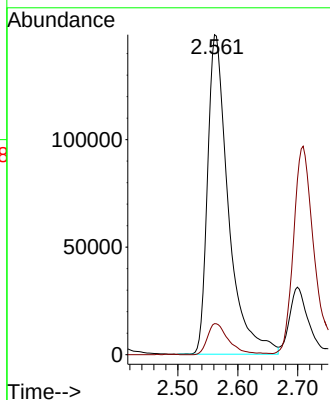
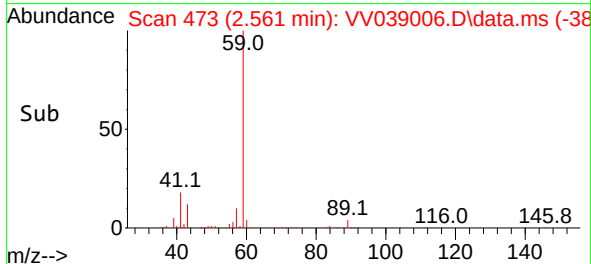
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



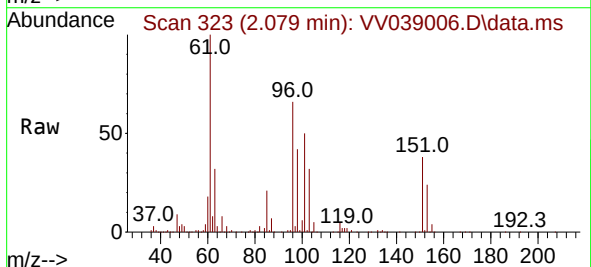
Tgt Ion: 59 Resp: 35920
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

Manual Integrations
APPROVED

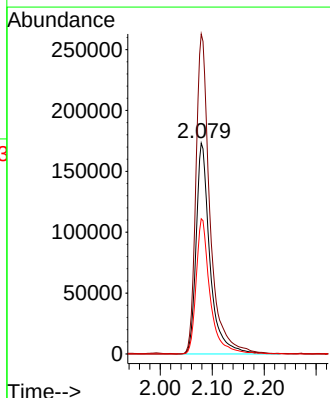
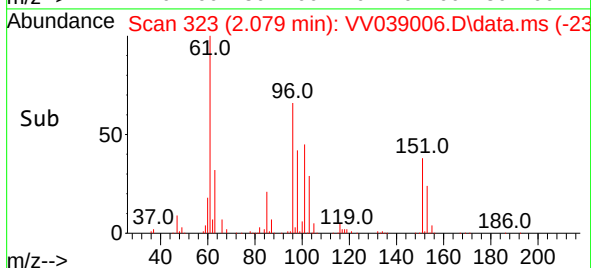
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

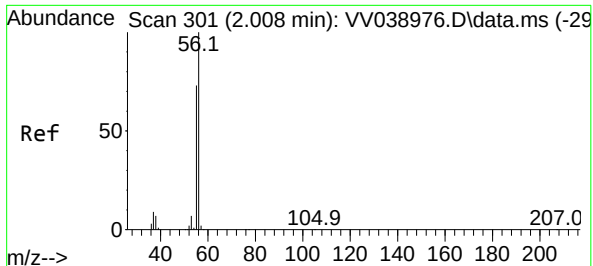


#12
1,1-Dichloroethene
Concen: 54.569 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42



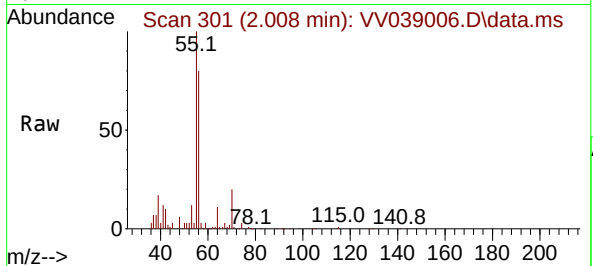
Tgt Ion: 96 Resp: 320017
Ion Ratio Lower Upper
96 100
61 151.7 119.8 179.8
98 64.1 50.2 75.2





#13
Acrolein
Concen: 323.052 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

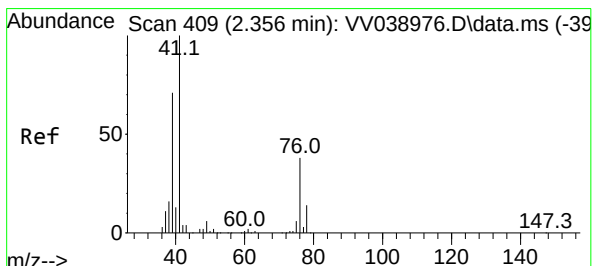
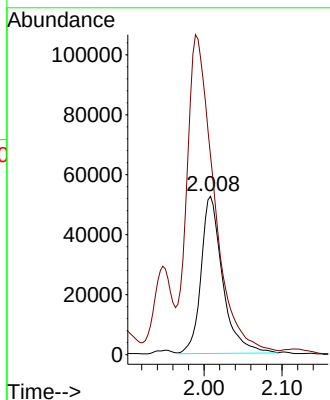
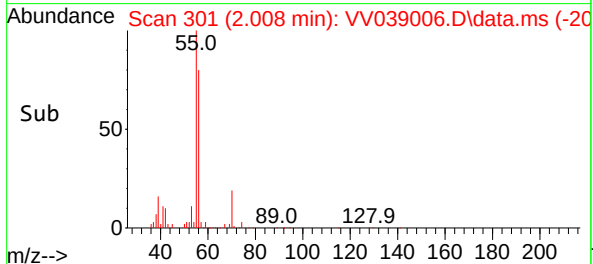
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion: 56 Resp: 101019
Ion Ratio Lower Upper
56 100
55 247.8 58.8 88.2

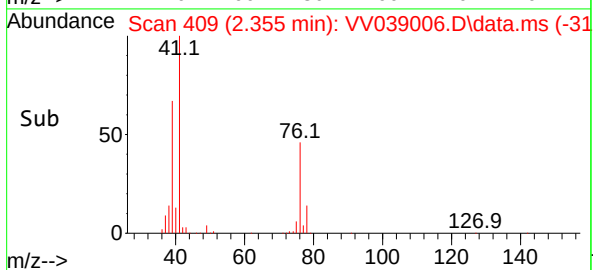
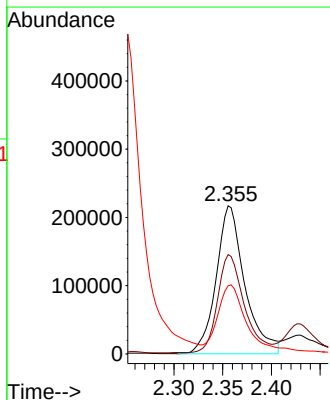
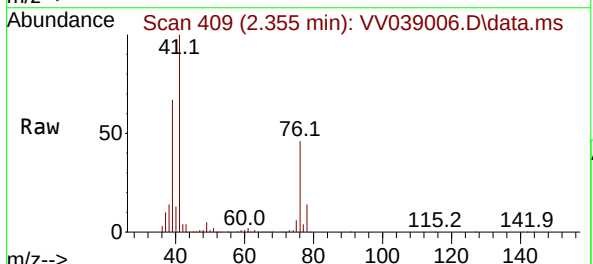
Manual Integrations
APPROVED

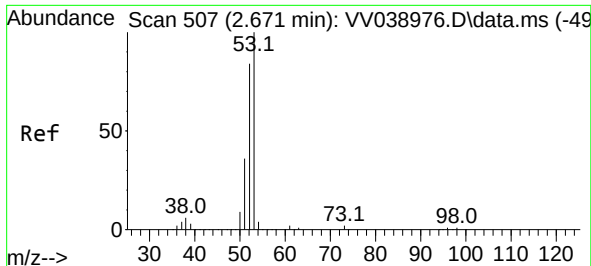
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#14
Allyl chloride
Concen: 56.598 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

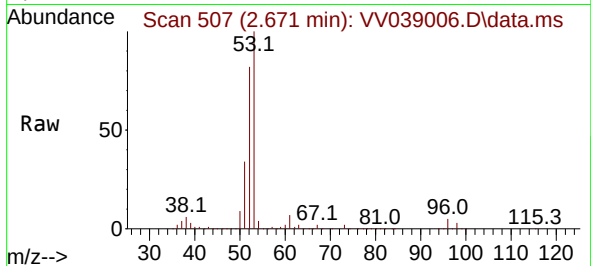
Tgt Ion: 41 Resp: 443165
Ion Ratio Lower Upper
41 100
39 61.3 55.0 82.4
76 48.7 35.6 53.4





#15
Acrylonitrile
Concen: 320.146 ug/l
RT: 2.671 min Scan# 507
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

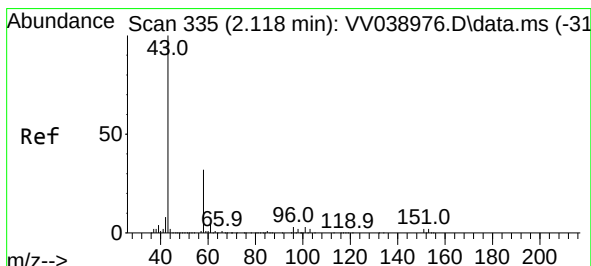
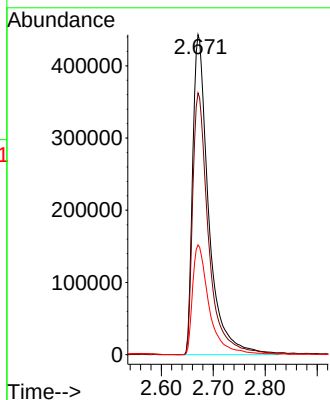
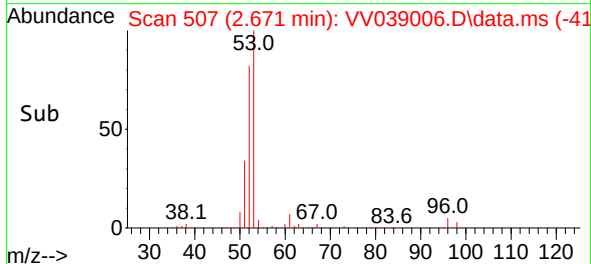
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion: 53 Resp: 949458
Ion Ratio Lower Upper
53 100
52 81.5 66.2 99.4
51 35.4 28.5 42.7

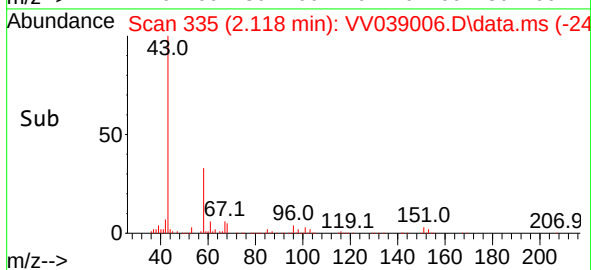
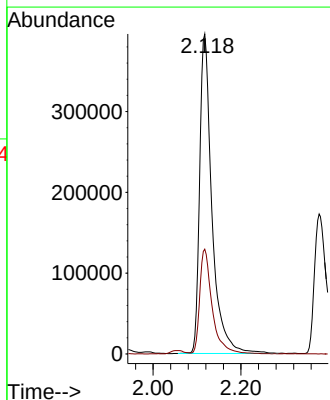
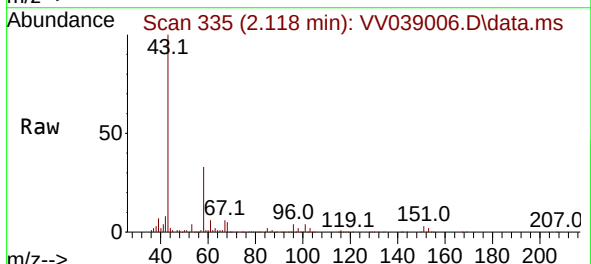
Manual Integrations
APPROVED

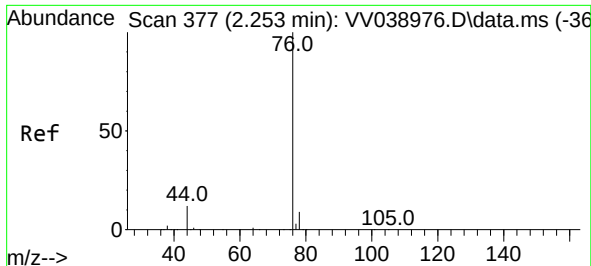
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#16
Acetone
Concen: 264.160 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

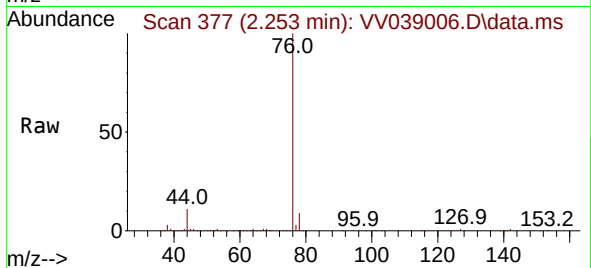
Tgt Ion: 43 Resp: 768715
Ion Ratio Lower Upper
43 100
58 32.7 26.3 39.5





#17
Carbon Disulfide
Concen: 55.395 ug/l
RT: 2.253 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

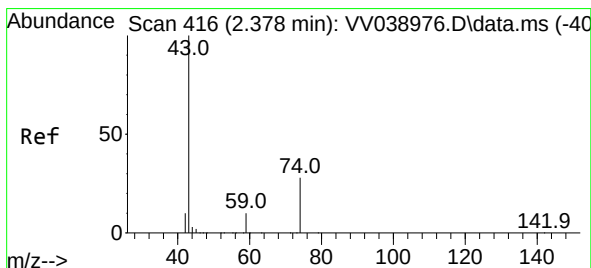
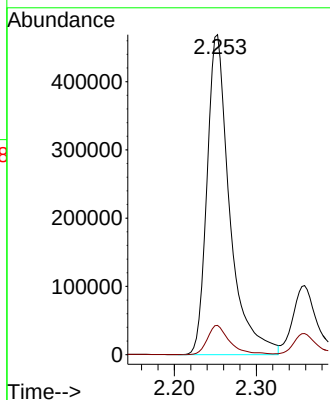
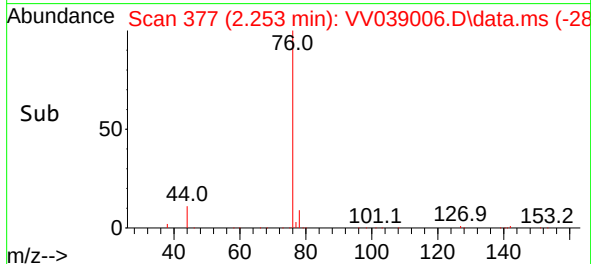
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion: 76 Resp: 90355
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

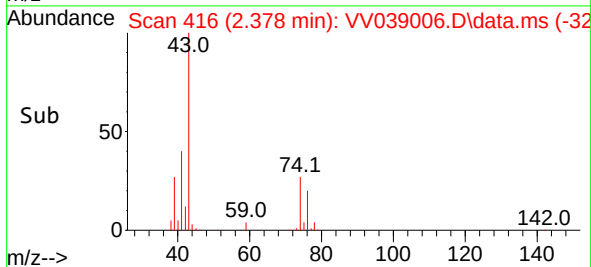
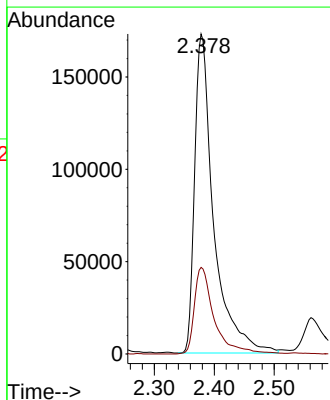
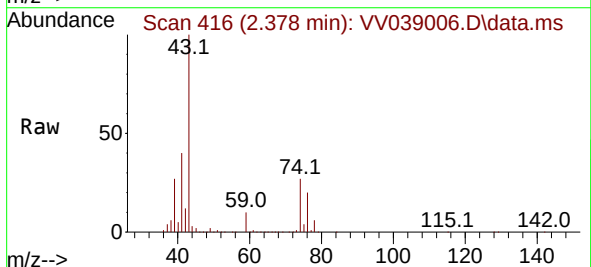
Manual Integrations
APPROVED

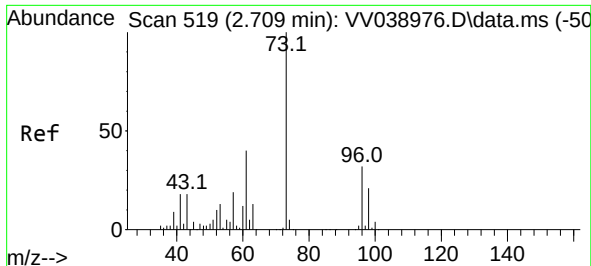
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#18
Methyl Acetate
Concen: 61.908 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

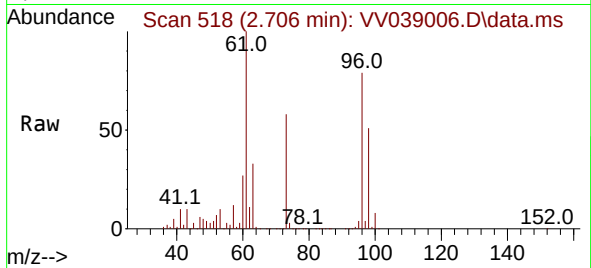
Tgt Ion: 43 Resp: 381852
Ion Ratio Lower Upper
43 100
74 28.3 23.5 35.3





#19
Methyl tert-butyl Ether
Concen: 67.503 ug/l
RT: 2.706 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

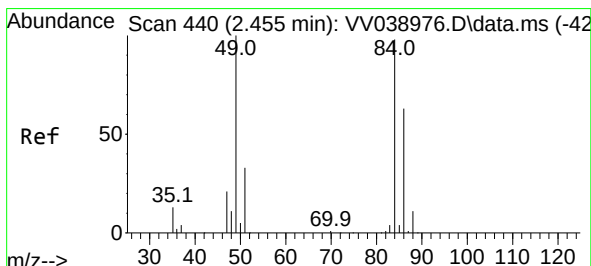
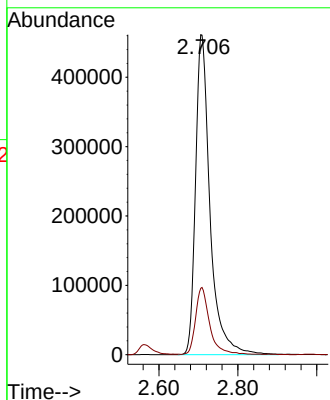
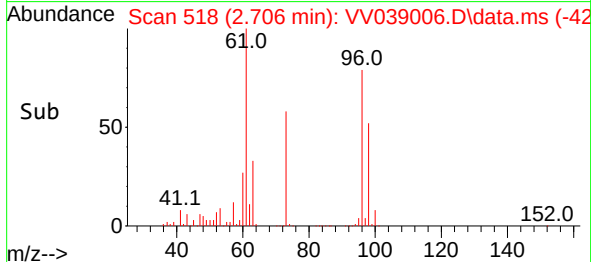
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion: 73 Resp: 1170530
Ion Ratio Lower Upper
73 100
57 20.7 15.7 23.5

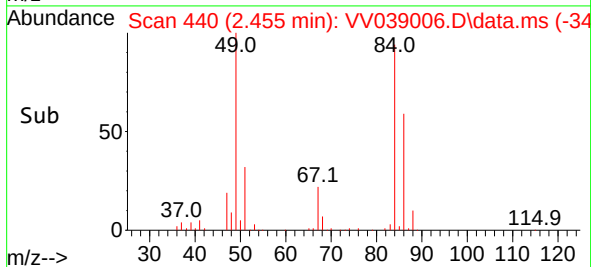
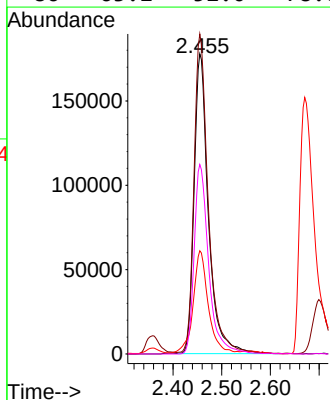
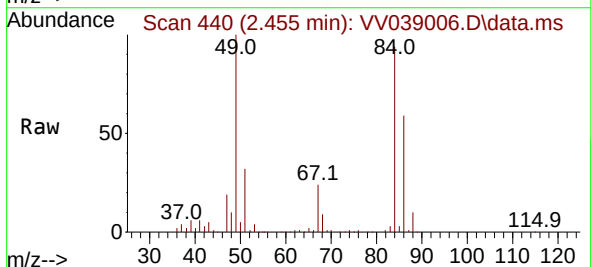
Manual Integrations
APPROVED

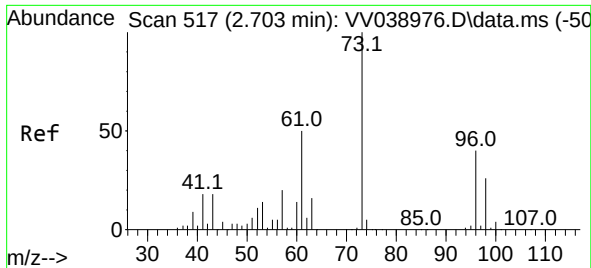
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#20
Methylene Chloride
Concen: 53.584 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

Tgt Ion: 84 Resp: 362370
Ion Ratio Lower Upper
84 100
49 106.4 81.9 122.9
51 34.3 26.9 40.3
86 63.2 52.0 78.0





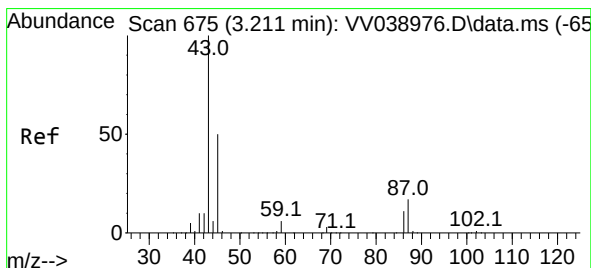
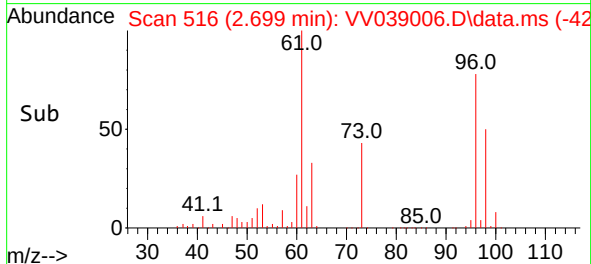
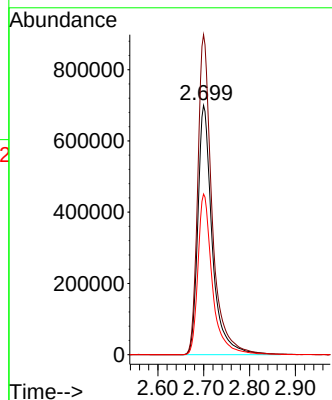
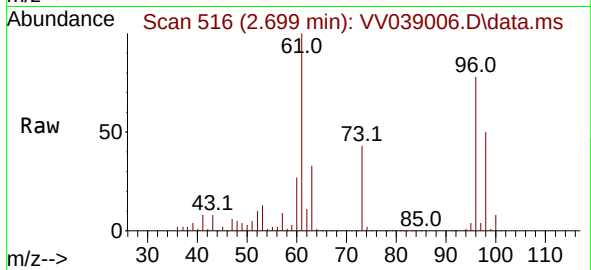
#21
trans-1,2-Dichloroethene
Concen: 249.393 ug/l
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD

Tgt Ion: 96 Resp: 152332
Ion Ratio Lower Upper
96 100
61 128.4 100.6 151.0
98 64.4 51.5 77.3

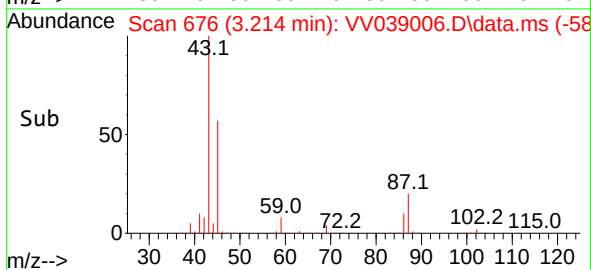
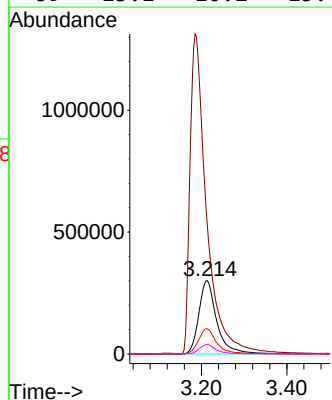
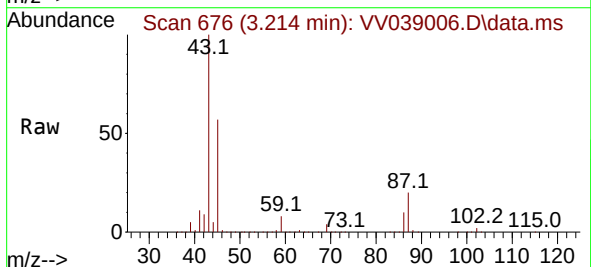
Manual Integrations
APPROVED

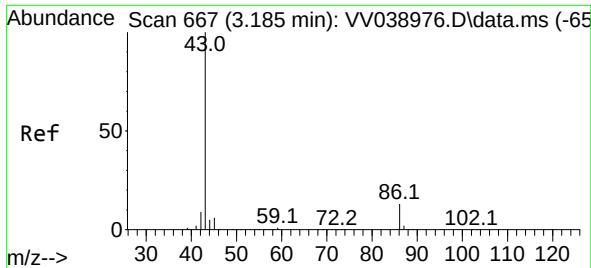
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#22
Diisopropyl ether
Concen: 51.181 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

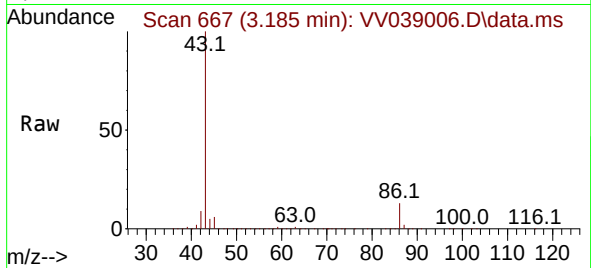
Tgt Ion: 45 Resp: 879880
Ion Ratio Lower Upper
45 100
43 174.7 159.4 239.0
87 34.2 27.5 41.3
59 13.1 10.2 15.4





#23
 Vinyl Acetate
 Concen: 257.566 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. -0.000 min
 Lab File: VV039006.D
 Acq: 22 Aug 2025 00:42

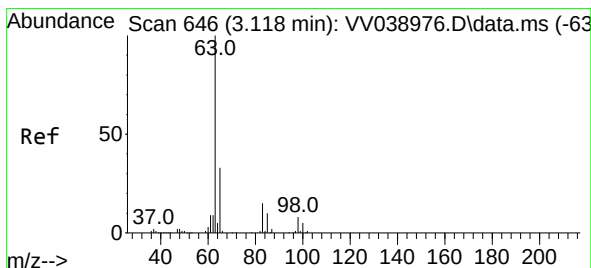
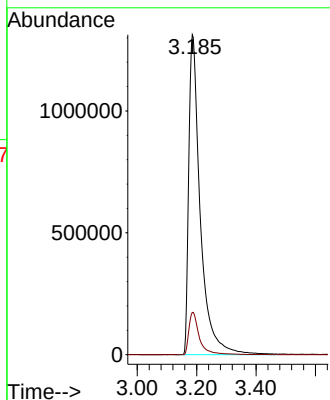
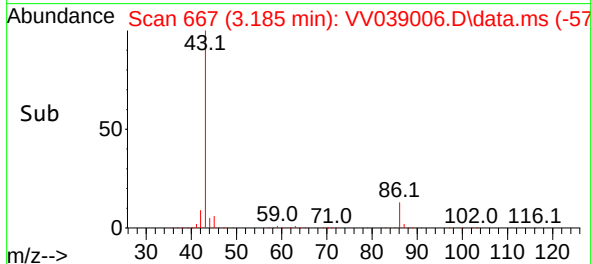
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-201-082025MSD



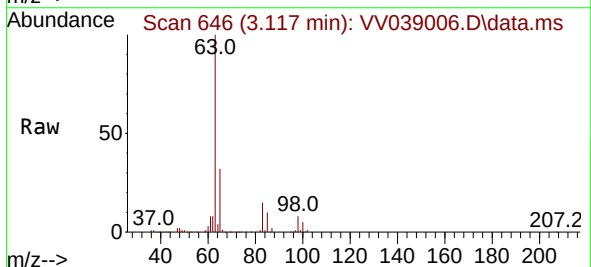
Tgt Ion: 43 Resp: 355289
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.7 16.1

Manual Integrations
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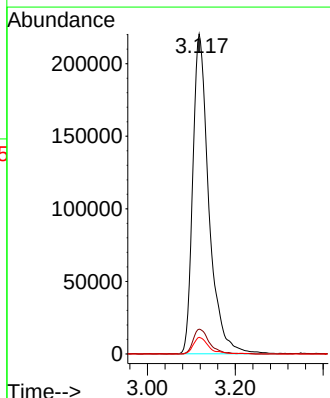
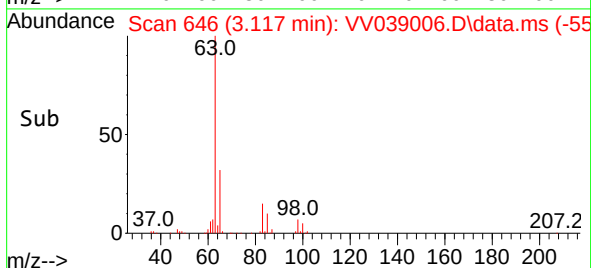
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

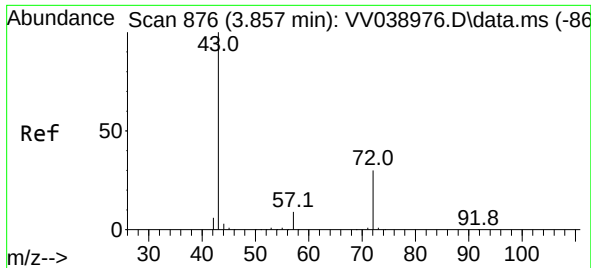


#24
 1,1-Dichloroethane
 Concen: 49.135 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV039006.D
 Acq: 22 Aug 2025 00:42



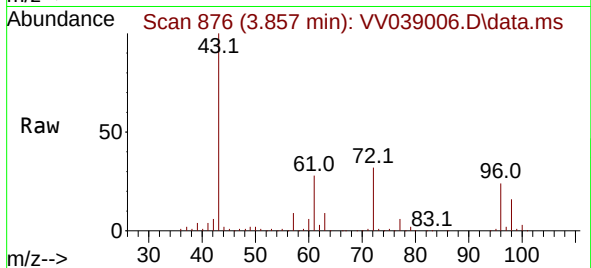
Tgt Ion: 63 Resp: 559530
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.3 12.8
 100 5.2 2.6 8.0





#25
2-Butanone
Concen: 257.968 ug/l
RT: 3.857 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

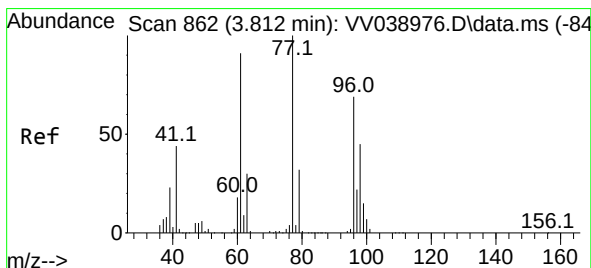
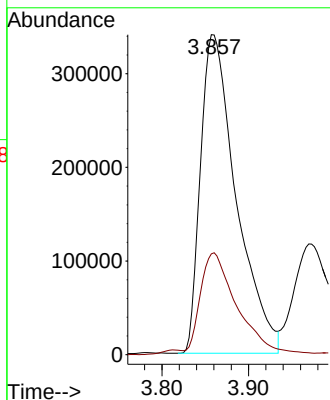
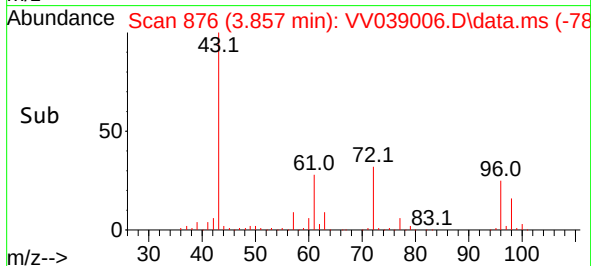
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion: 43 Resp: 976734
Ion Ratio Lower Upper
43 100
72 30.3 23.9 35.9

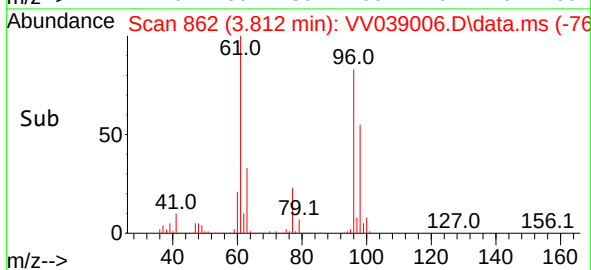
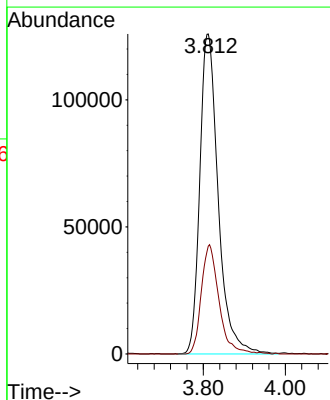
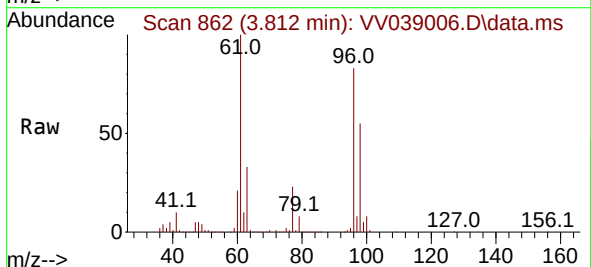
Manual Integrations
APPROVED

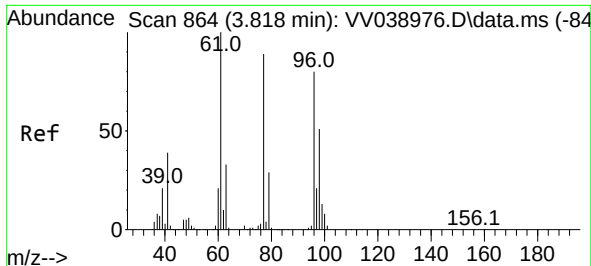
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#26
2,2-Dichloropropane
Concen: 35.883 ug/l
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

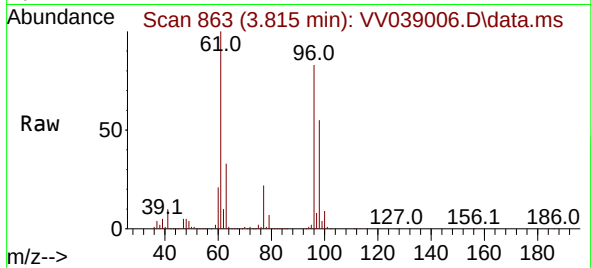
Tgt Ion: 77 Resp: 391984
Ion Ratio Lower Upper
77 100
97 32.6 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 178.890 ug/l
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV039006.D
 Acq: 22 Aug 2025 00:42

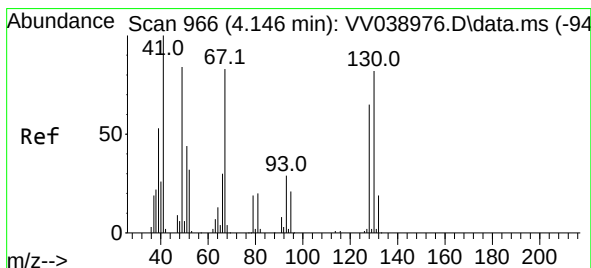
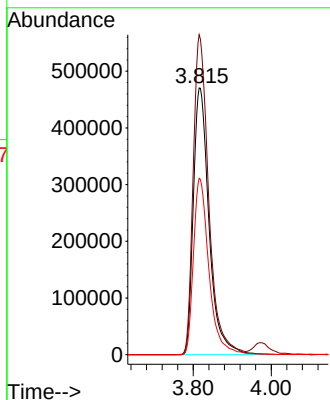
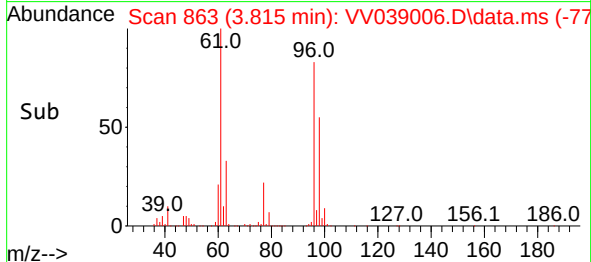
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-201-082025MSD



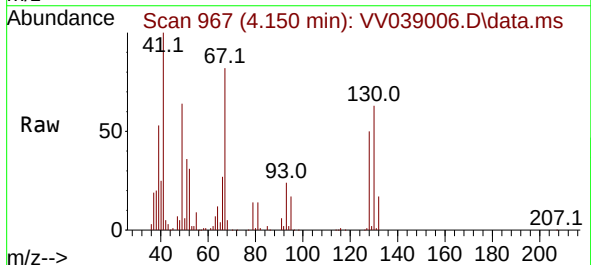
Tgt Ion: 96 Resp: 1318820
 Ion Ratio Lower Upper
 96 100
 61 118.2 0.0 264.4
 98 65.0 0.0 131.8

Manual Integrations
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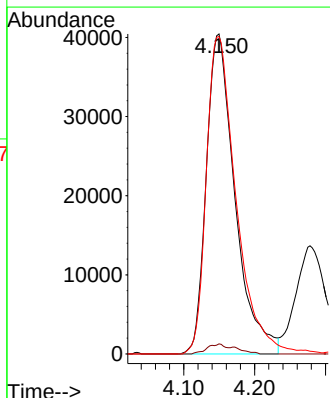
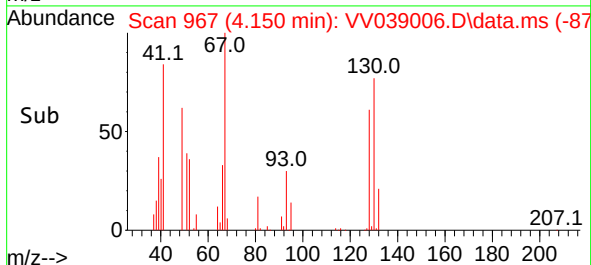
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

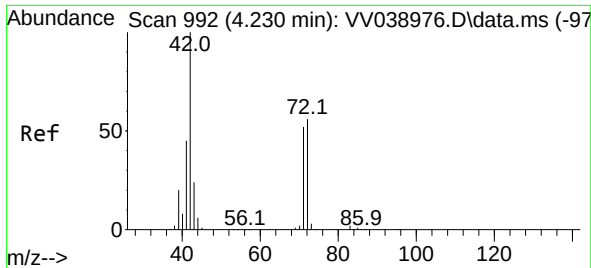


#28
 Bromochloromethane
 Concen: 47.352 ug/l
 RT: 4.150 min Scan# 967
 Delta R.T. 0.004 min
 Lab File: VV039006.D
 Acq: 22 Aug 2025 00:42



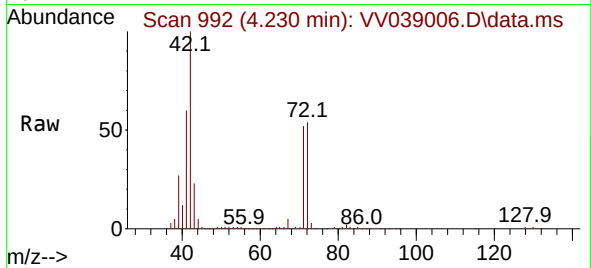
Tgt Ion: 49 Resp: 113461
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.2
 130 102.8 78.2 117.2





#29
Tetrahydrofuran
Concen: 247.013 ug/l
RT: 4.230 min Scan# 992
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

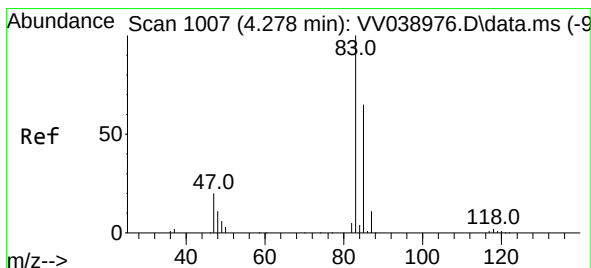
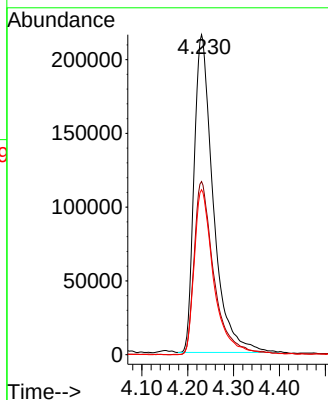
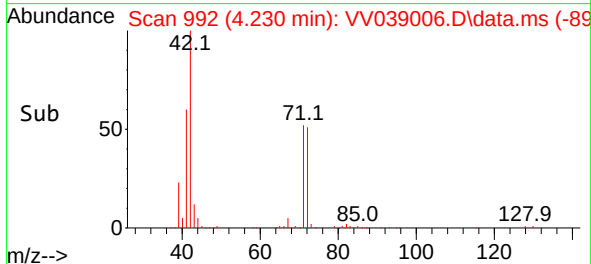
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion: 42 Resp: 624314
Ion Ratio Lower Upper
42 100
72 56.1 44.6 66.8
71 53.3 41.6 62.4

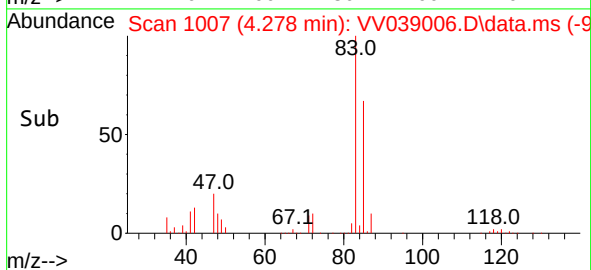
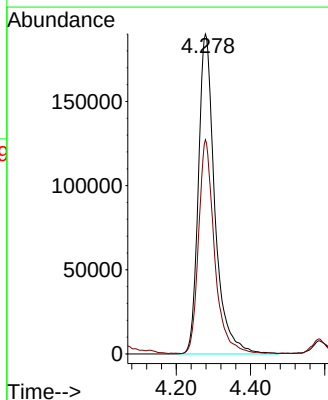
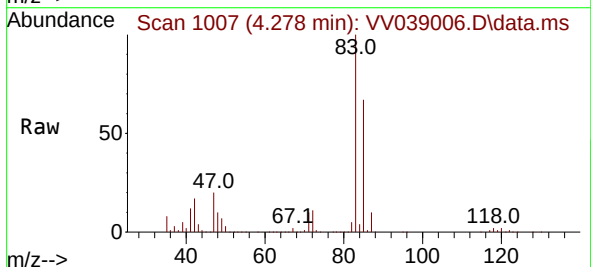
Manual Integrations
APPROVED

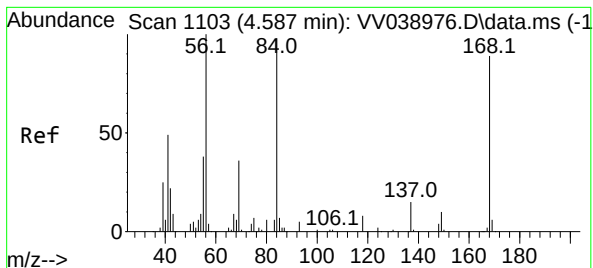
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#30
Chloroform
Concen: 44.921 ug/l
RT: 4.278 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

Tgt Ion: 83 Resp: 584578
Ion Ratio Lower Upper
83 100
85 66.8 52.2 78.2





#31

Cyclohexane

Concen: 38.250 ug/l

RT: 4.587 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MSD

Tgt Ion: 56 Resp: 388628

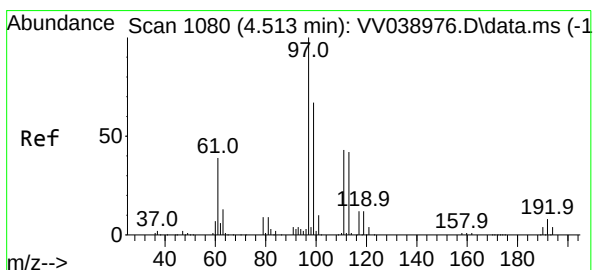
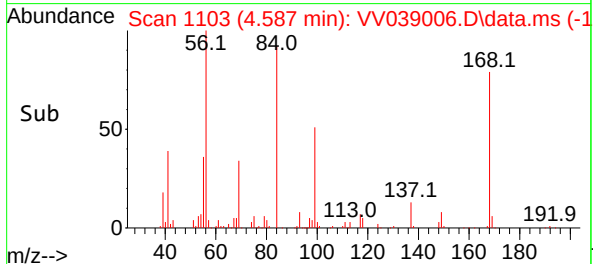
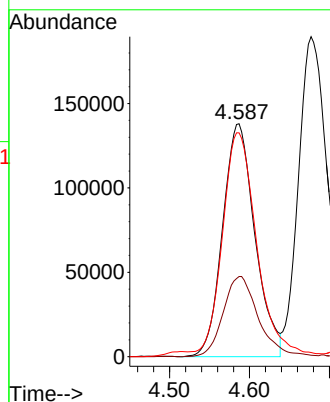
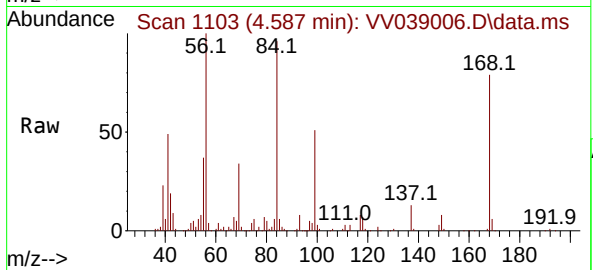
Ion	Ratio	Lower	Upper
56	100		
69	34.4	28.6	42.8
84	93.9	78.1	117.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#32

1,1,1-Trichloroethane

Concen: 43.470 ug/l

RT: 4.516 min Scan# 1081

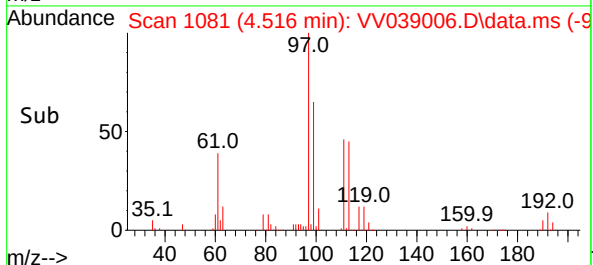
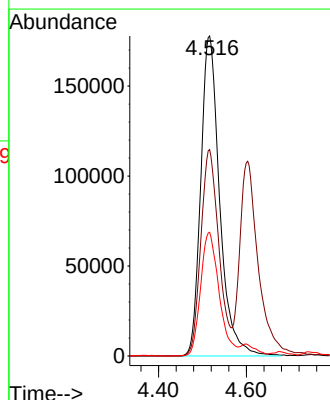
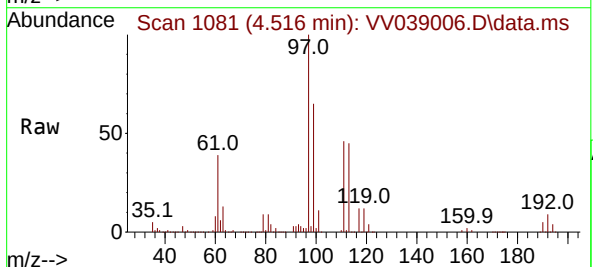
Delta R.T. 0.003 min

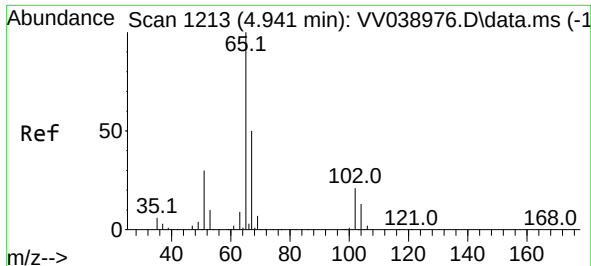
Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

Tgt Ion: 97 Resp: 531467

Ion	Ratio	Lower	Upper
97	100		
99	61.7	49.5	74.3
61	37.7	30.9	46.3





#33

1,2-Dichloroethane-d4

Concen: 52.588 ug/l

RT: 4.950 min Scan# 1216

Delta R.T. 0.010 min

Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MSD

Tgt Ion: 65 Resp: 38129

Ion Ratio Lower Upper

65 100

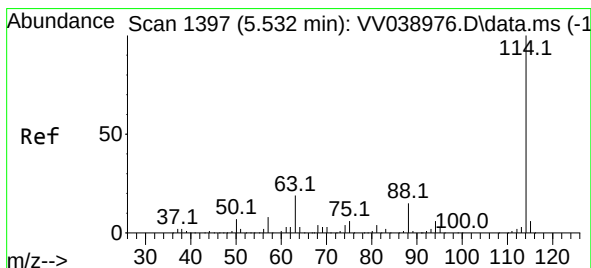
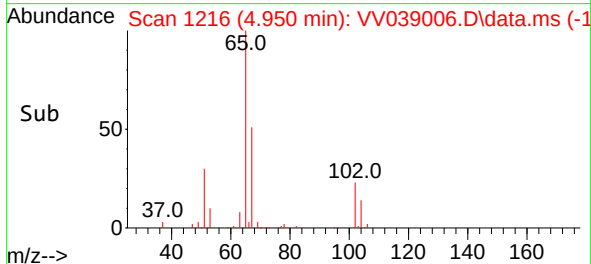
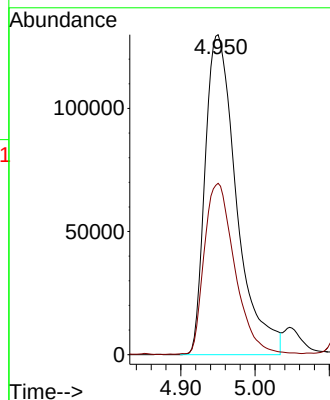
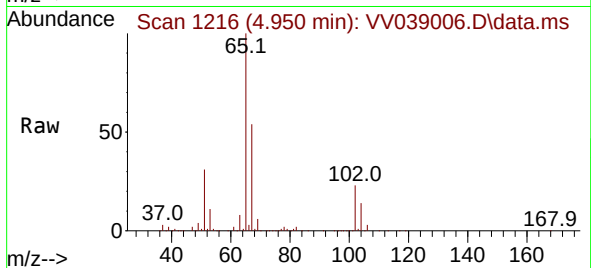
67 51.8 0.0 100.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

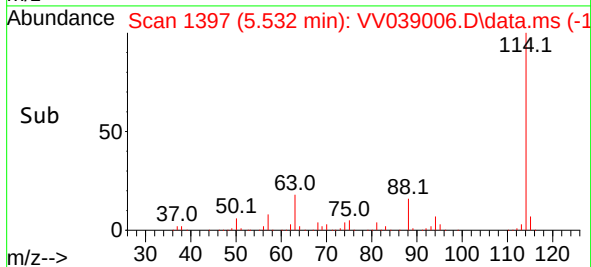
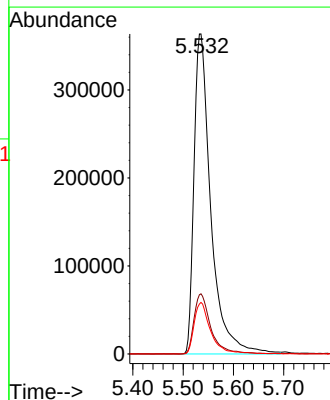
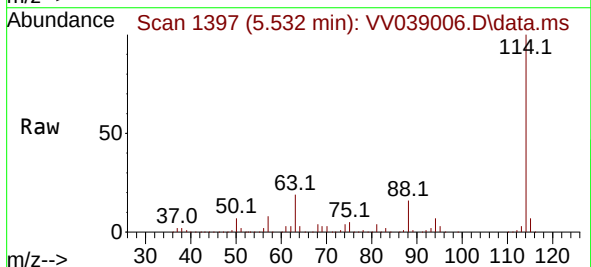
Tgt Ion:114 Resp: 845786

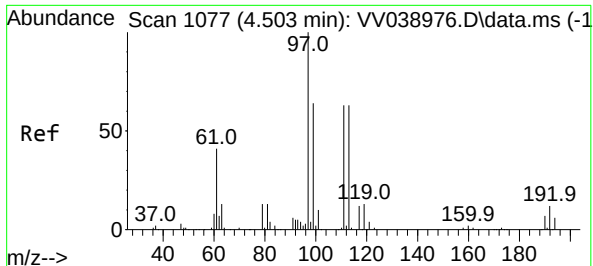
Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.215 ug/l

RT: 4.503 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MSD

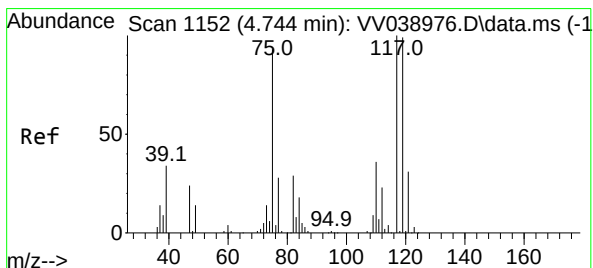
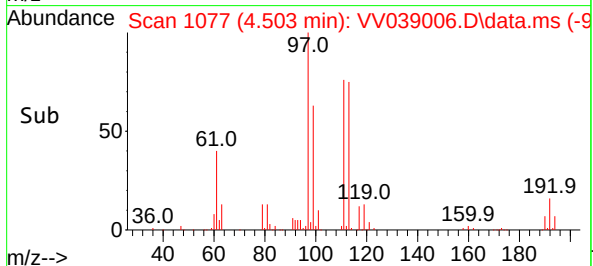
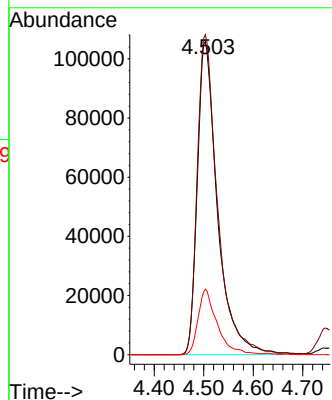
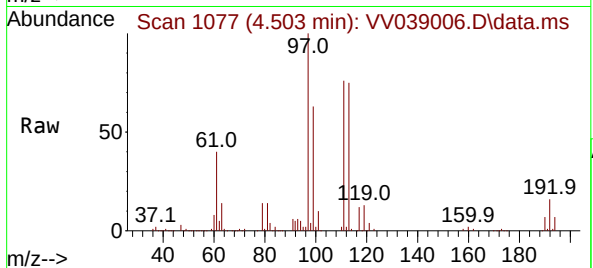
Tgt Ion:	113	Resp:	29948
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.3	121.9
192	19.8	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#36

1,1-Dichloropropene

Concen: 44.051 ug/l

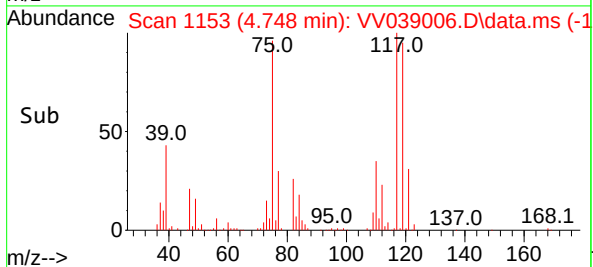
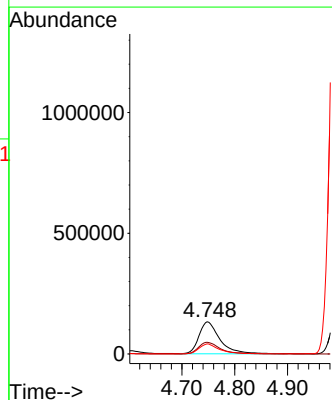
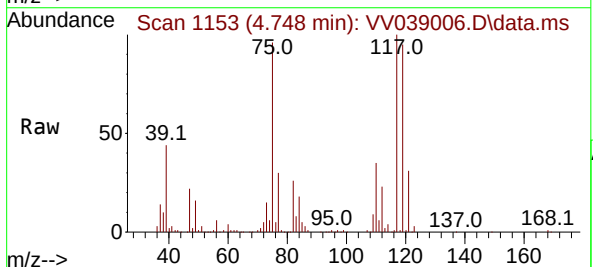
RT: 4.748 min Scan# 1153

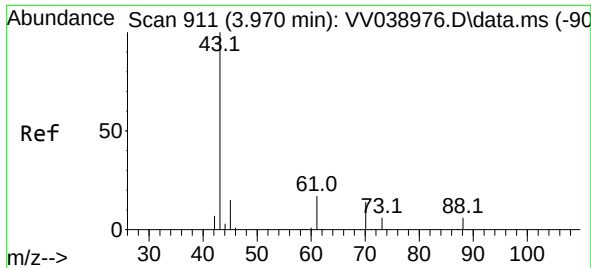
Delta R.T. 0.003 min

Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

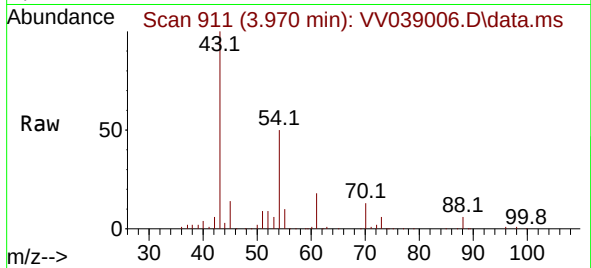
Tgt Ion:	75	Resp:	362867
Ion Ratio	Lower	Upper	
75	100		
110	38.7	19.6	58.7
77	0.0	24.4	36.6





#37
Ethyl Acetate
Concen: 45.139 ug/l
RT: 3.970 min Scan# 911
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

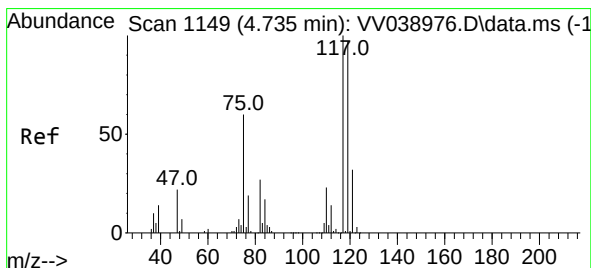
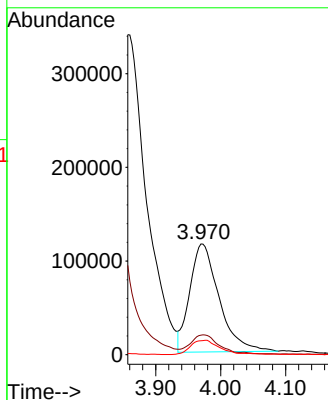
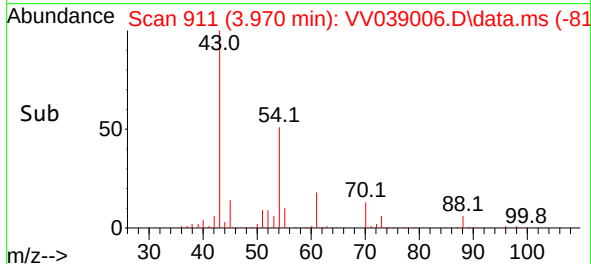
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



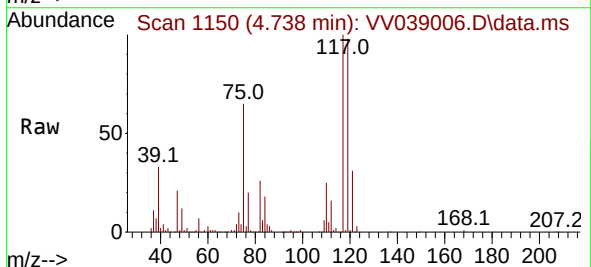
Tgt Ion: 43 Resp: 363289
Ion Ratio Lower Upper
43 100
61 14.5 12.6 19.0
70 13.3 10.2 15.4

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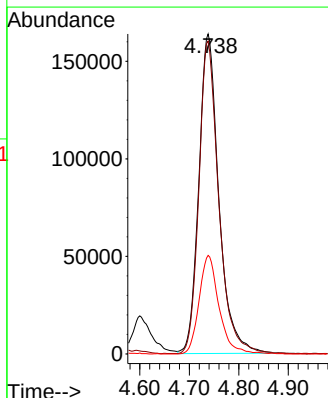
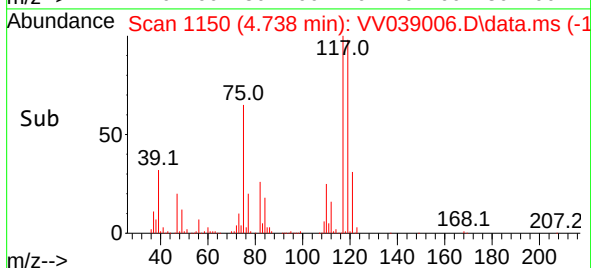
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

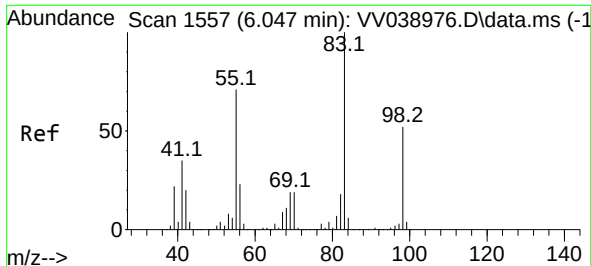


#38
Carbon Tetrachloride
Concen: 41.837 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42



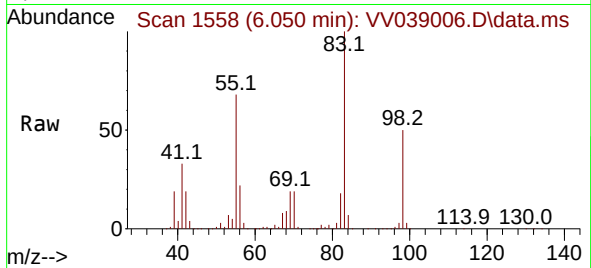
Tgt Ion:117 Resp: 461506
Ion Ratio Lower Upper
117 100
119 97.9 77.1 115.7
121 30.9 25.4 38.2





#39
Methylcyclohexane
Concen: 38.854 ug/l
RT: 6.050 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

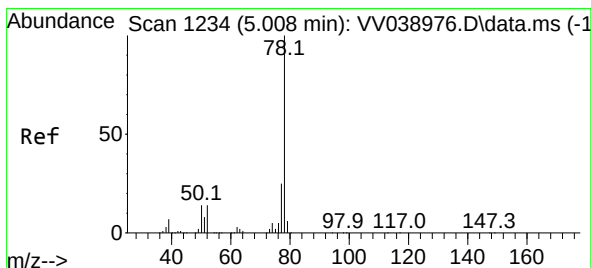
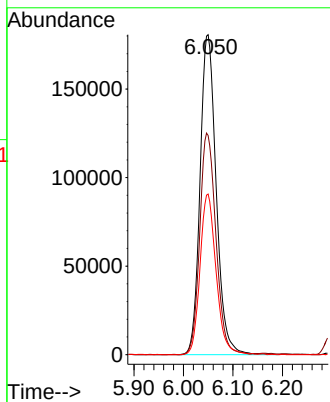
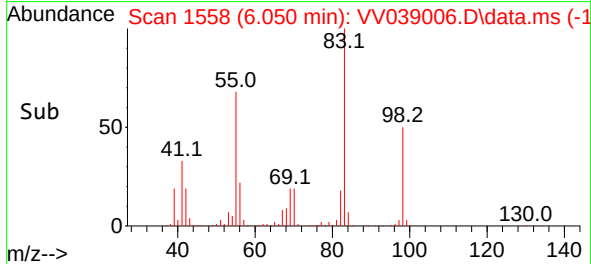
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion: 83 Resp: 408954
Ion Ratio Lower Upper
83 100
55 68.5 57.0 85.6
98 50.2 41.3 61.9

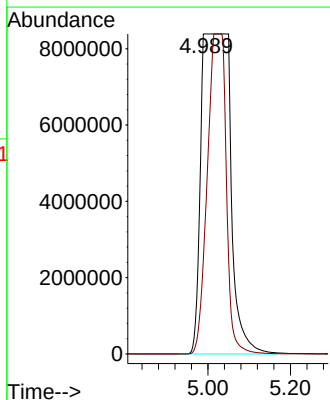
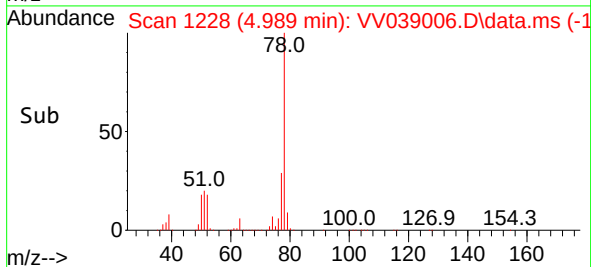
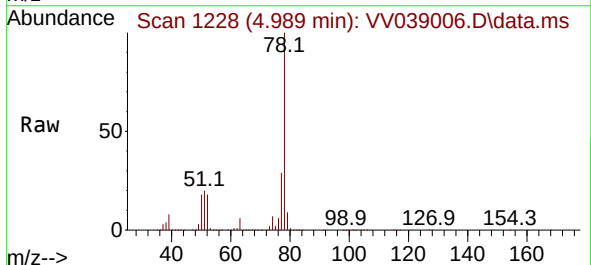
Manual Integrations
APPROVED

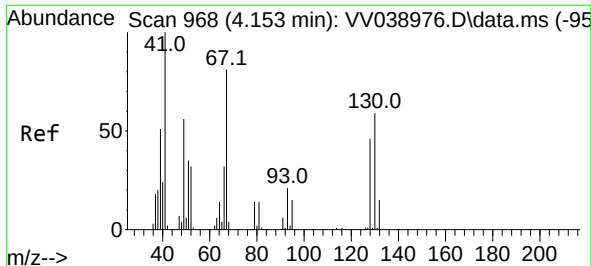
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#40
Benzene
Concen: 1619.610 ug/l m
RT: 4.989 min Scan# 1228
Delta R.T. -0.019 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

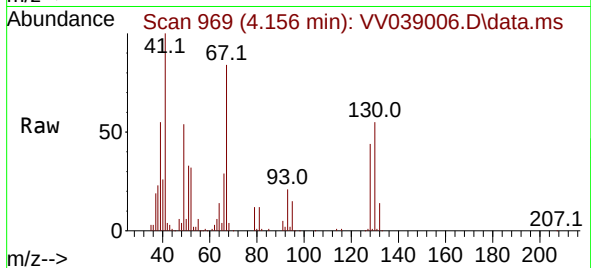
Tgt Ion: 78 Resp:41786406
Ion Ratio Lower Upper
78 100
77 29.3 19.6 29.4





#41
Methacrylonitrile
Concen: 57.590 ug/l
RT: 4.156 min Scan# 969
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

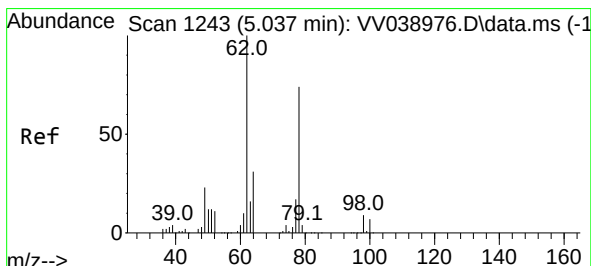
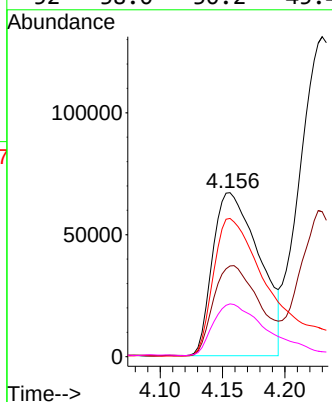
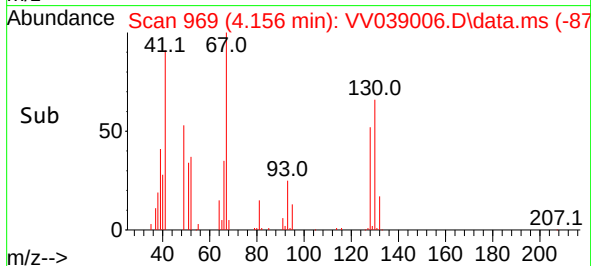
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion: 41 Resp: 174654
Ion Ratio Lower Upper
41 100
39 53.8 45.5 68.3
67 114.1 83.5 125.3
52 38.0 30.2 45.4

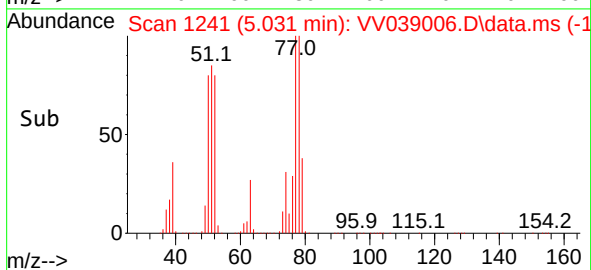
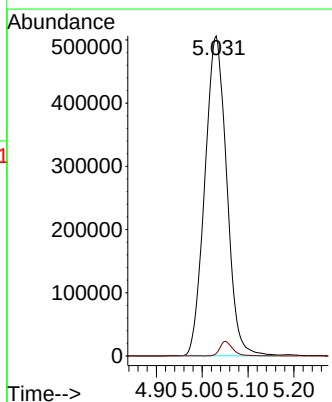
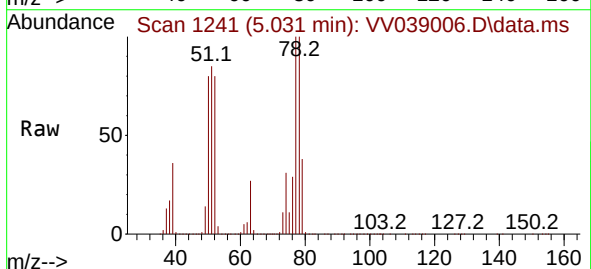
Manual Integrations
APPROVED

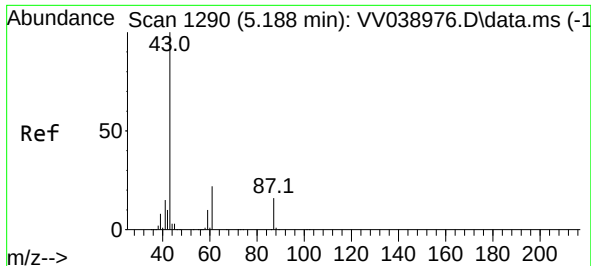
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#42
1,2-Dichloroethane
Concen: 177.676 ug/l
RT: 5.031 min Scan# 1241
Delta R.T. -0.007 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

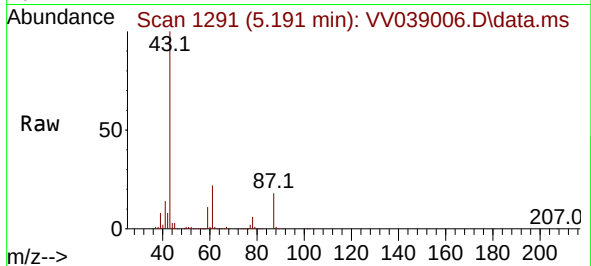
Tgt Ion: 62 Resp: 1675883
Ion Ratio Lower Upper
62 100
98 2.7 0.0 19.2





#43
Isopropyl Acetate
Concen: 46.927 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

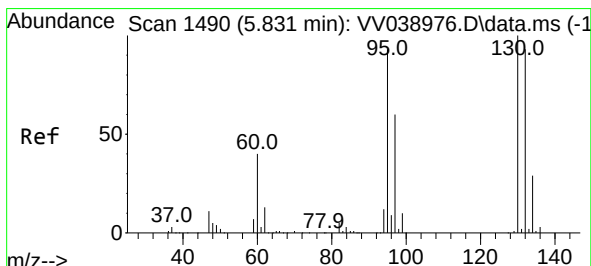
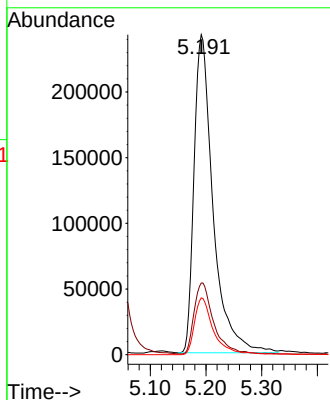
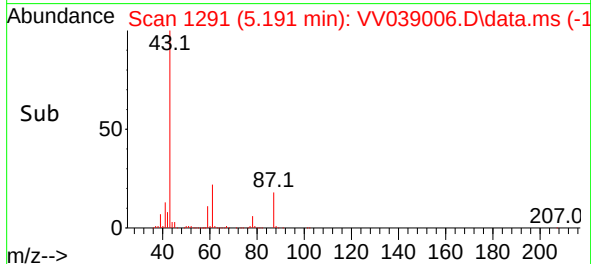
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion: 43 Resp: 57627
Ion Ratio Lower Upper
43 100
61 22.7 17.4 26.2
87 17.2 13.3 19.9

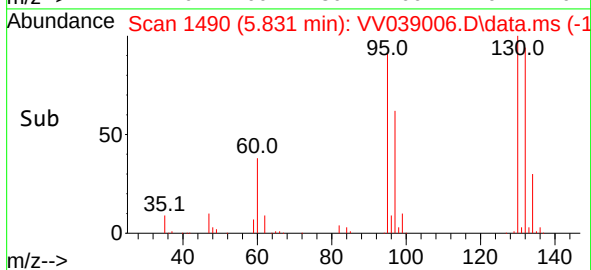
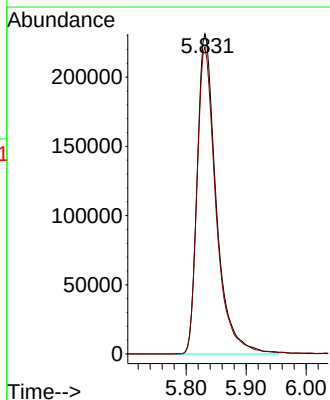
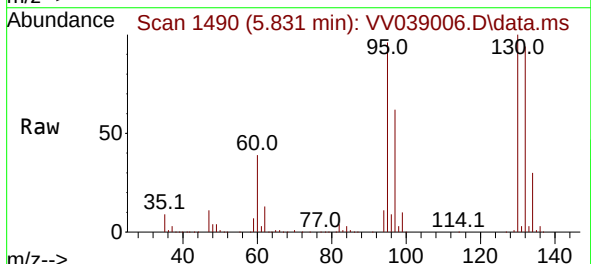
Manual Integrations
APPROVED

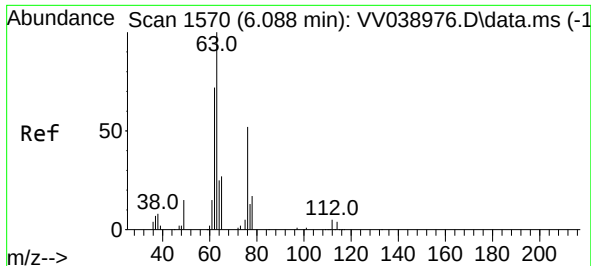
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#44
Trichloroethene
Concen: 72.904 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

Tgt Ion:130 Resp: 510209
Ion Ratio Lower Upper
130 100
95 95.9 0.0 186.6





#45

1,2-Dichloropropane

Concen: 43.093 ug/l

RT: 6.092 min Scan# 1571

Delta R.T. 0.003 min

Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MSD

Tgt Ion: 63 Resp: 26664

Ion Ratio Lower Upper

63 100

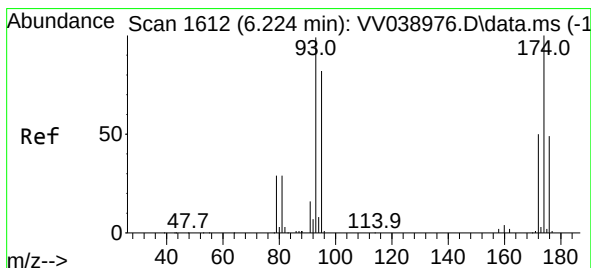
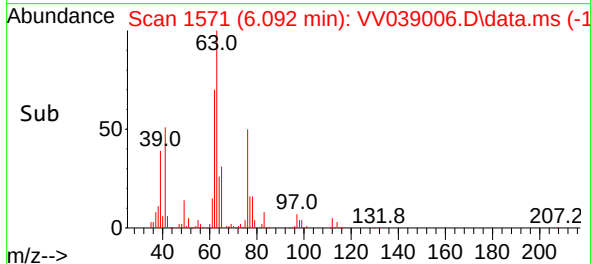
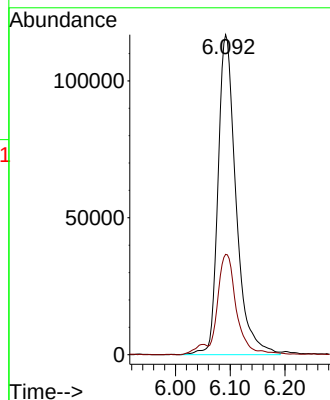
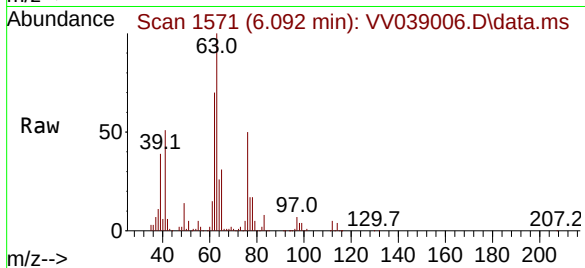
65 31.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#46

Dibromomethane

Concen: 42.951 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

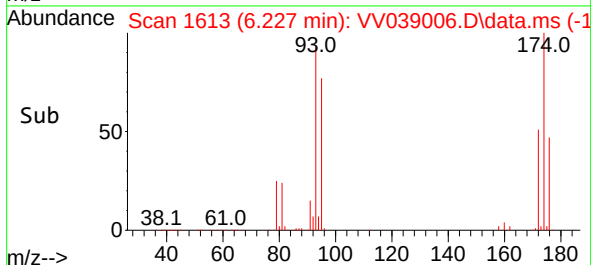
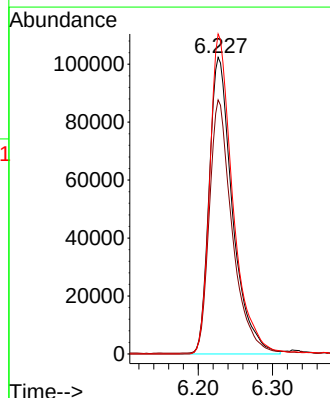
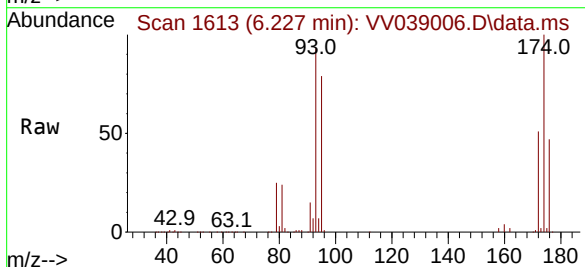
Tgt Ion: 93 Resp: 223003

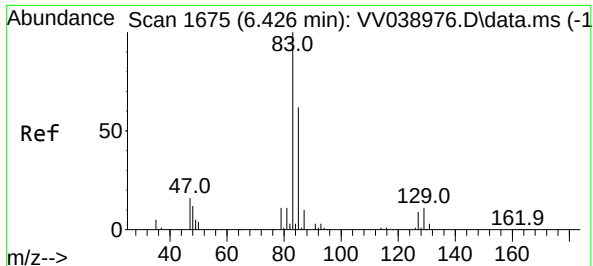
Ion Ratio Lower Upper

93 100

95 83.3 66.4 99.6

174 106.6 79.7 119.5





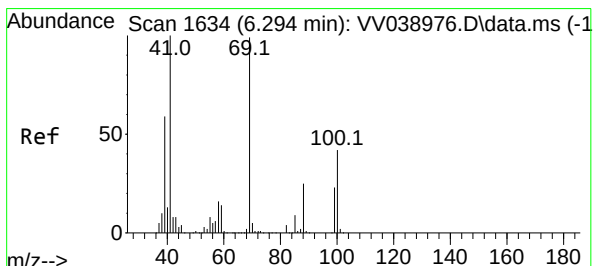
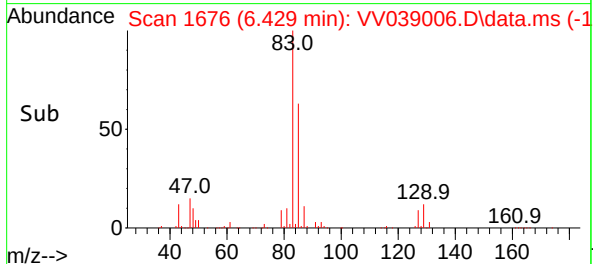
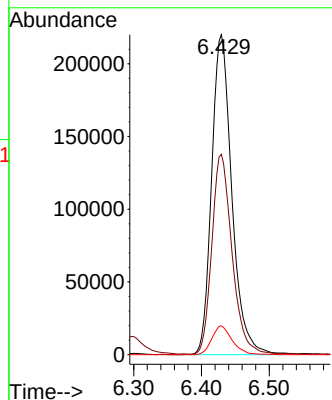
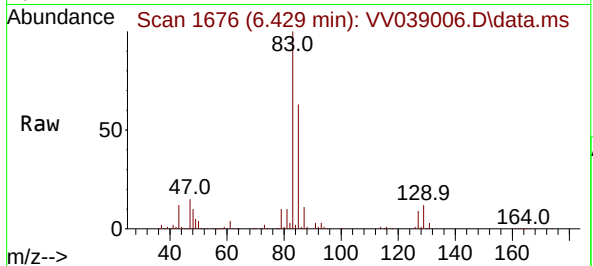
#47
Bromodichloromethane
Concen: 43.106 ug/l
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD

Tgt Ion: 83 Resp: 455485
Ion Ratio Lower Upper
83 100
85 62.4 49.6 74.4
127 9.0 6.9 10.3

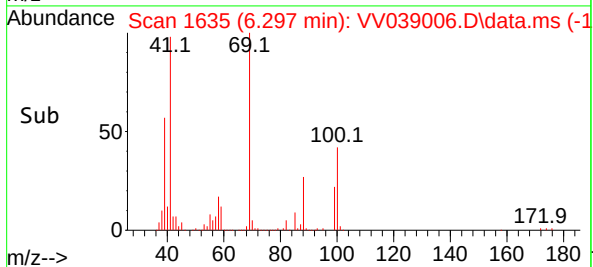
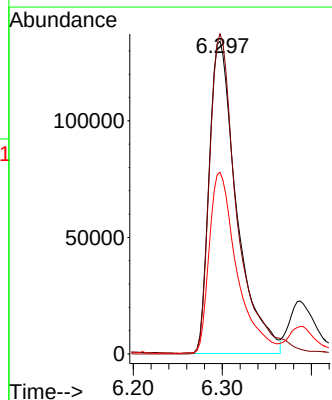
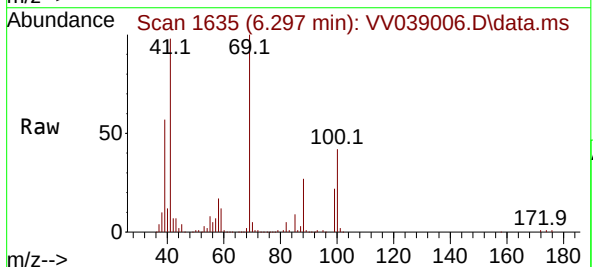
Manual Integrations
APPROVED

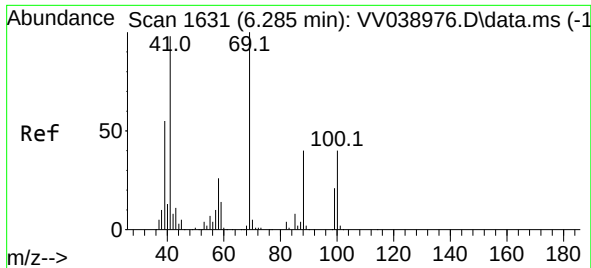
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#48
Methyl methacrylate
Concen: 52.211 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

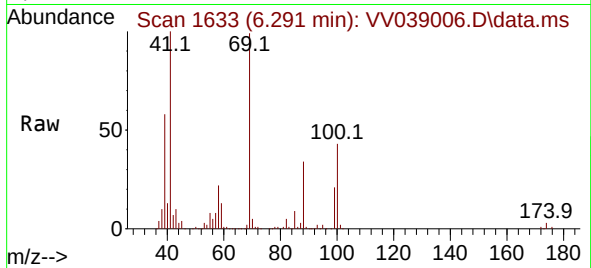
Tgt Ion: 41 Resp: 287412
Ion Ratio Lower Upper
41 100
69 102.9 82.5 123.7
39 58.1 46.6 69.8





#49
1,4-Dioxane
Concen: 1149.755 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

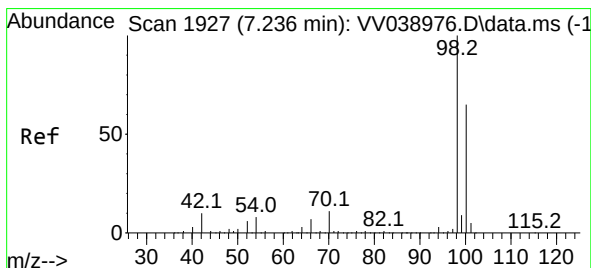
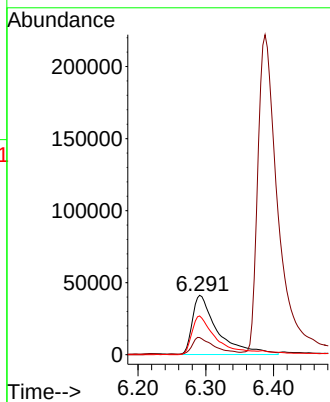
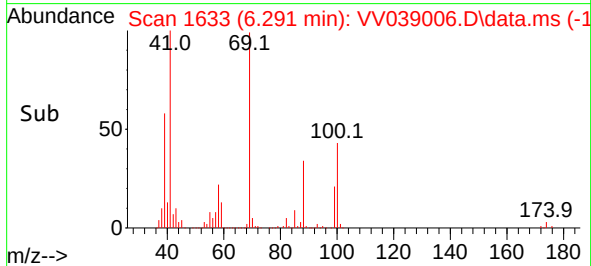
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion: 88 Resp: 105828
Ion Ratio Lower Upper
88 100
43 24.3 24.6 36.8
58 62.3 51.8 77.6

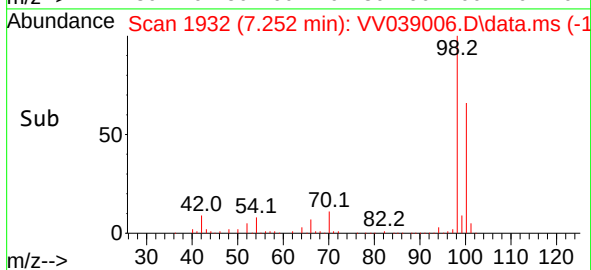
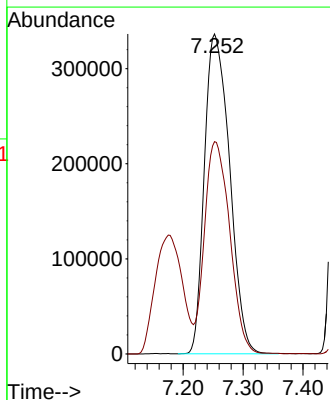
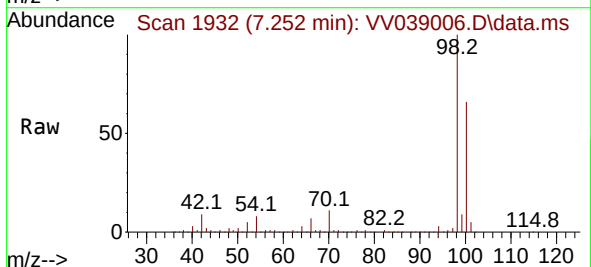
Manual Integrations
APPROVED

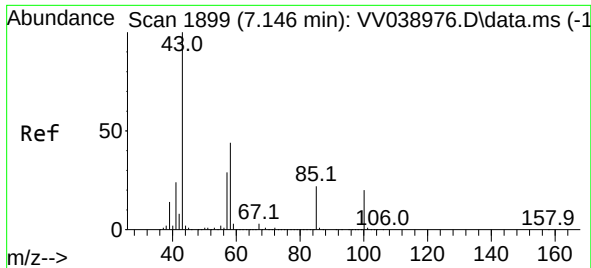
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#50
Toluene-d8
Concen: 44.345 ug/l
RT: 7.252 min Scan# 1932
Delta R.T. 0.016 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

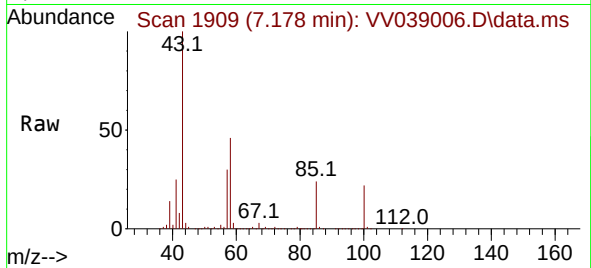
Tgt Ion: 98 Resp: 980828
Ion Ratio Lower Upper
98 100
100 66.8 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 234.852 ug/l
RT: 7.178 min Scan# 1899
Delta R.T. 0.032 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

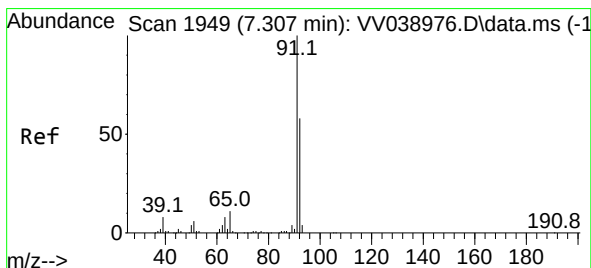
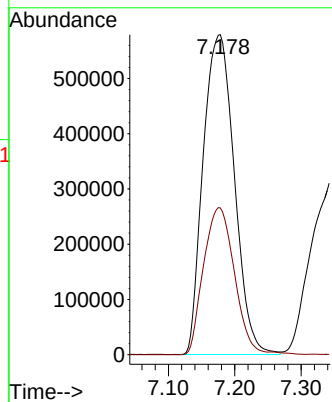
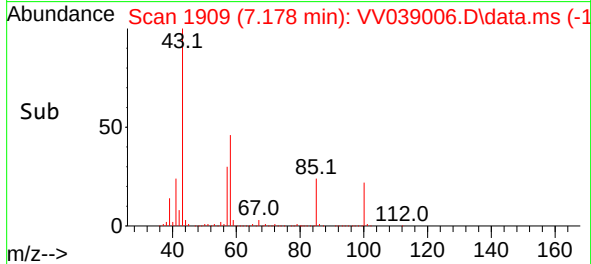
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion: 43 Resp: 1893658
Ion Ratio Lower Upper
43 100
58 45.4 34.6 51.8

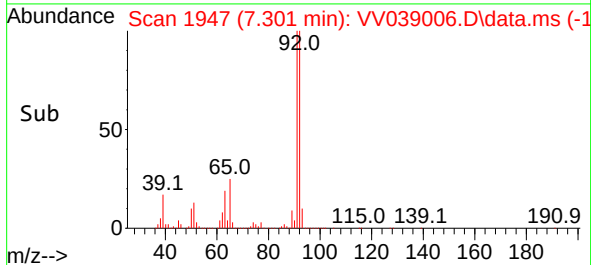
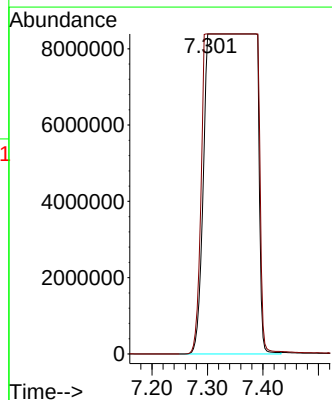
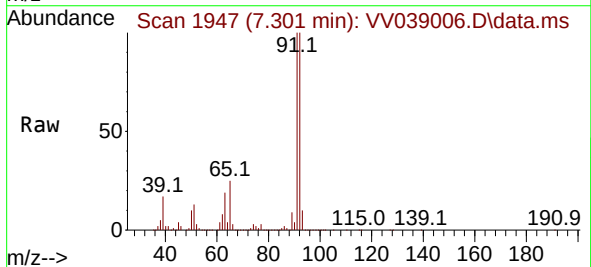
Manual Integrations
APPROVED

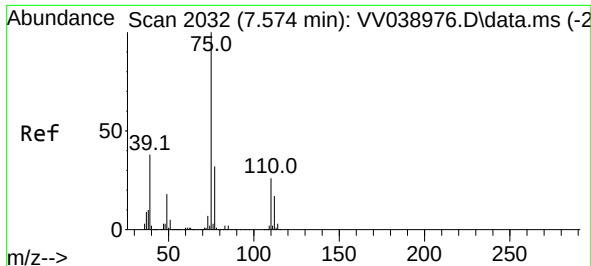
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#52
Toluene
Concen: 3201.320 ug/l m
RT: 7.301 min Scan# 1947
Delta R.T. -0.007 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

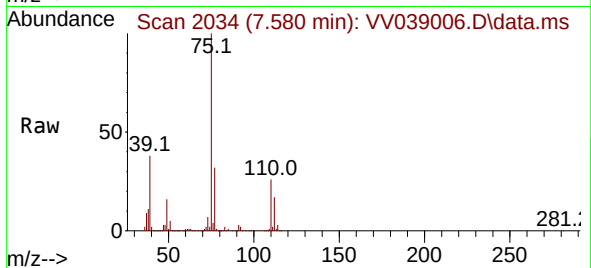
Tgt Ion: 92 Resp:52309160
Ion Ratio Lower Upper
92 100
91 0.0 136.3 204.5#





#53
t-1,3-Dichloropropene
Concen: 43.618 ug/l
RT: 7.580 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

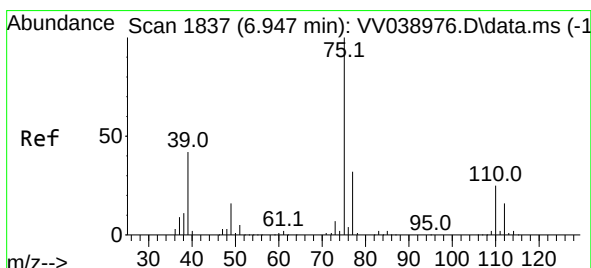
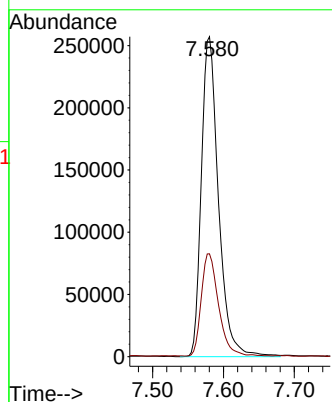
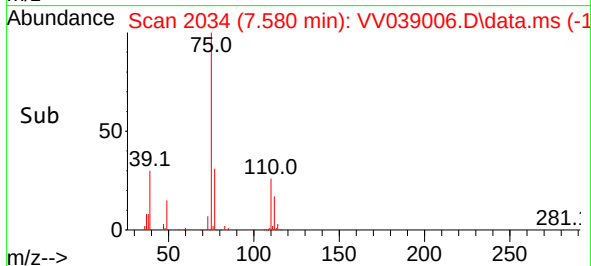
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion: 75 Resp: 430860
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9

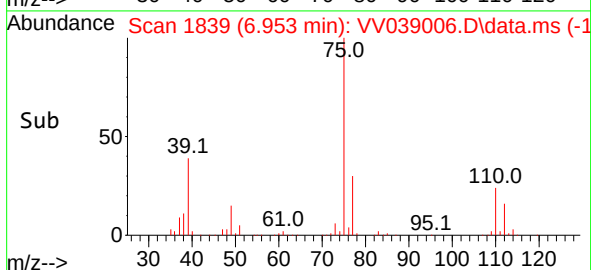
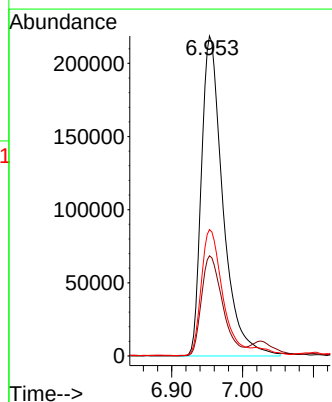
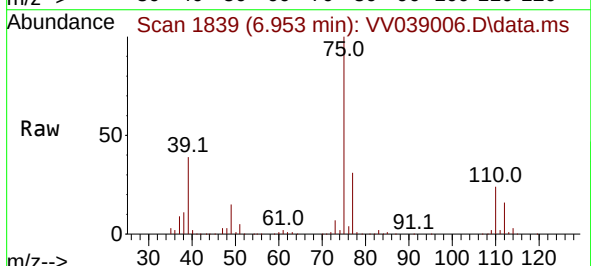
Manual Integrations
APPROVED

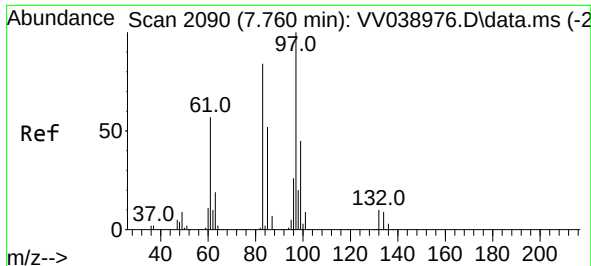
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#54
cis-1,3-Dichloropropene
Concen: 44.952 ug/l
RT: 6.953 min Scan# 1839
Delta R.T. 0.006 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

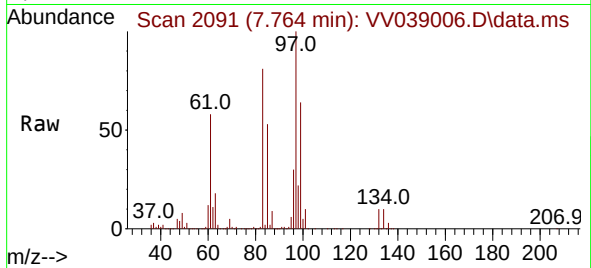
Tgt Ion: 75 Resp: 460077
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4
39 39.3 33.3 49.9





#55
1,1,2-Trichloroethane
Concen: 39.442 ug/l
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

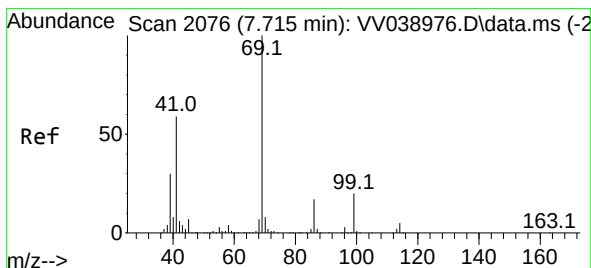
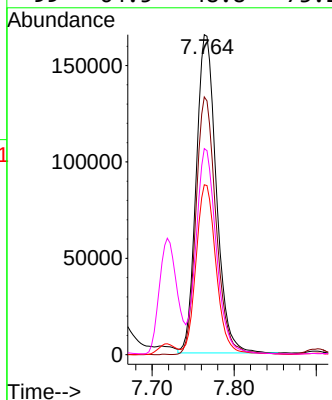
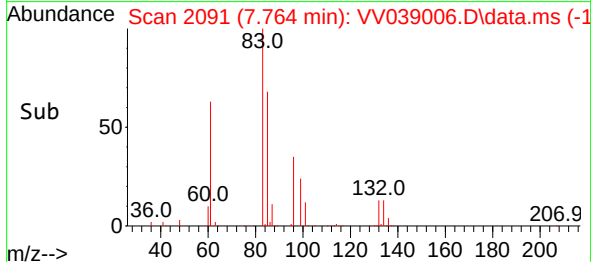
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



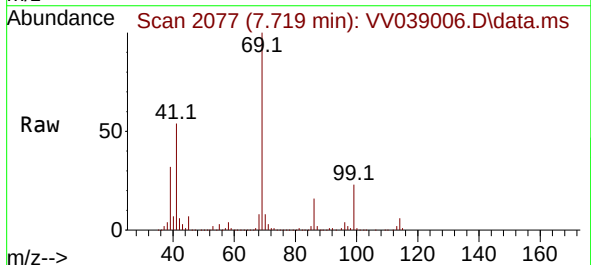
Tgt Ion: 97 Resp: 28100
Ion Ratio Lower Upper
97 100
83 80.7 67.2 100.8
85 53.1 42.7 64.1
99 64.5 48.8 73.2

Manual Integrations
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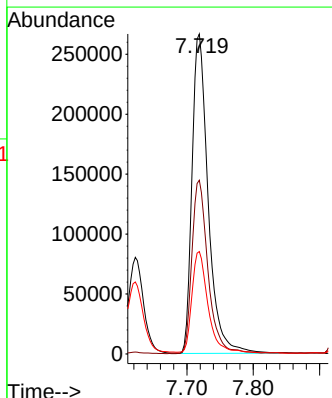
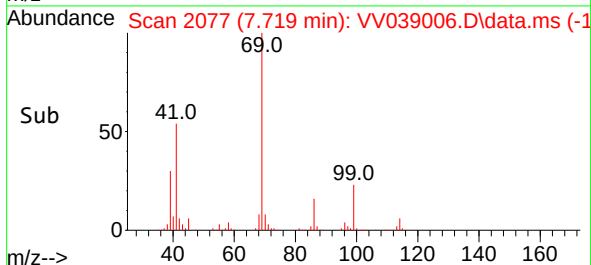
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

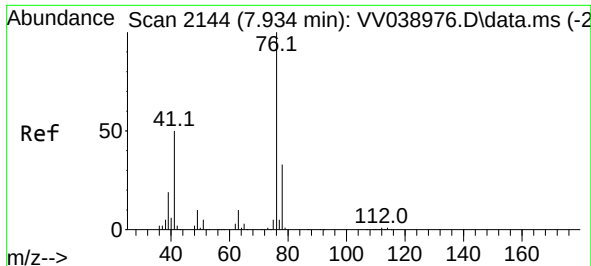


#56
Ethyl methacrylate
Concen: 41.707 ug/l
RT: 7.719 min Scan# 2077
Delta R.T. 0.004 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42



Tgt Ion: 69 Resp: 449382
Ion Ratio Lower Upper
69 100
41 54.0 47.5 71.3
39 31.6 24.2 36.2





#57

1,3-Dichloropropane

Concen: 40.889 ug/l

RT: 7.937 min Scan# 2145

Delta R.T. 0.003 min

Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MSD

Tgt Ion: 76 Resp: 45424

Ion Ratio Lower Upper

76 100

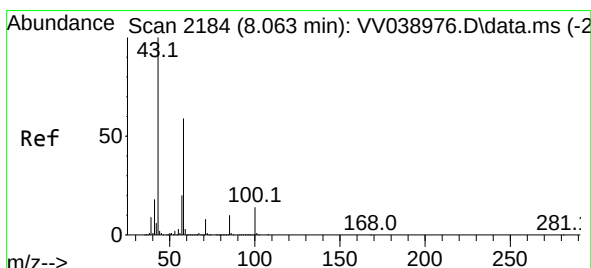
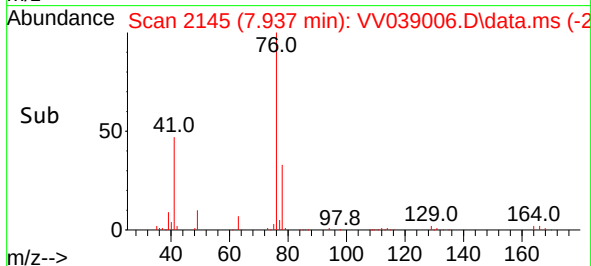
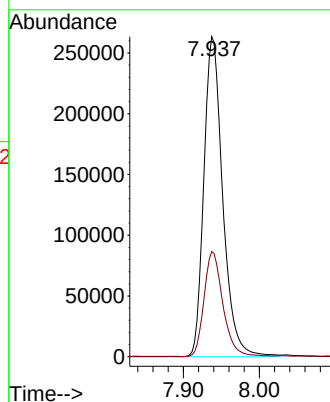
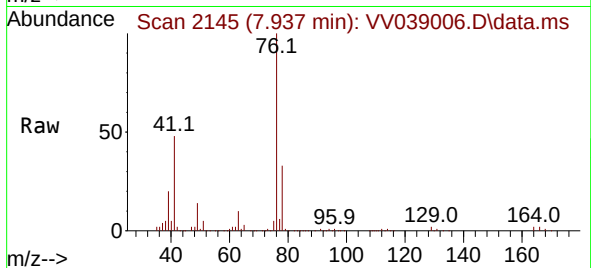
78 32.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#59

2-Hexanone

Concen: 174.475 ug/l

RT: 8.066 min Scan# 2185

Delta R.T. 0.003 min

Lab File: VV039006.D

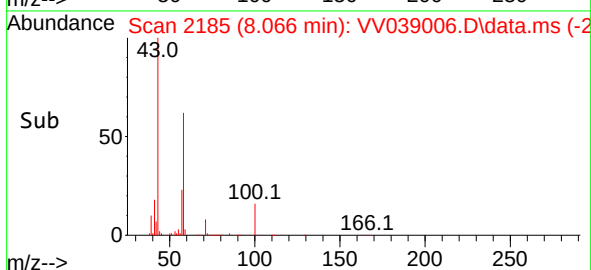
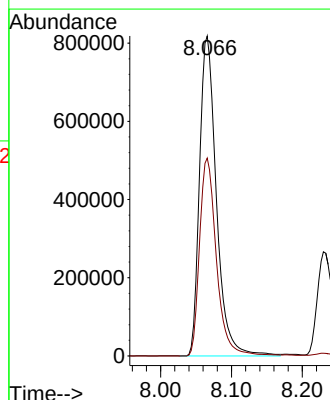
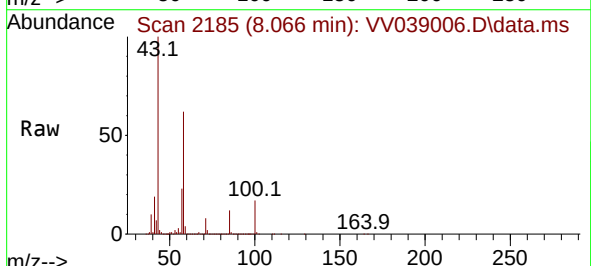
Acq: 22 Aug 2025 00:42

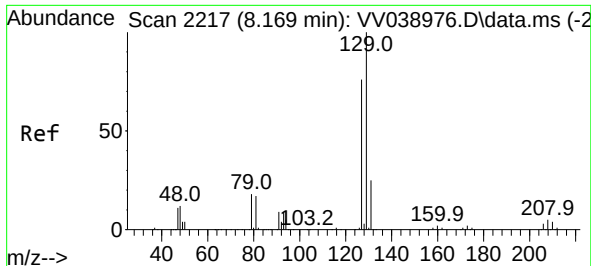
Tgt Ion: 43 Resp: 1351114

Ion Ratio Lower Upper

43 100

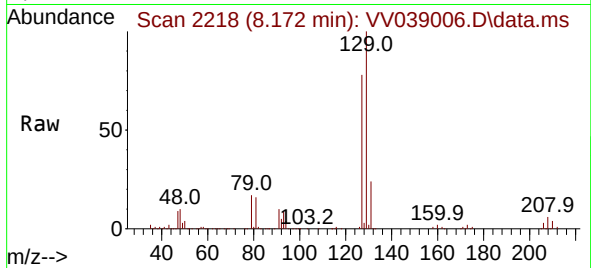
58 62.0 29.8 89.4





#60
Dibromochloromethane
Concen: 41.346 ug/l
RT: 8.172 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

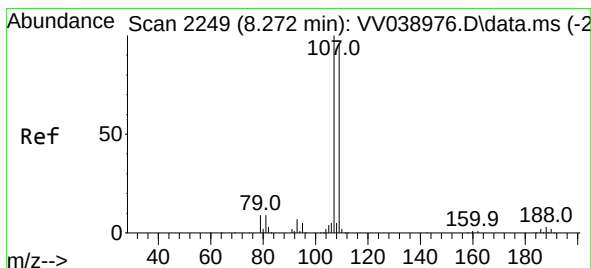
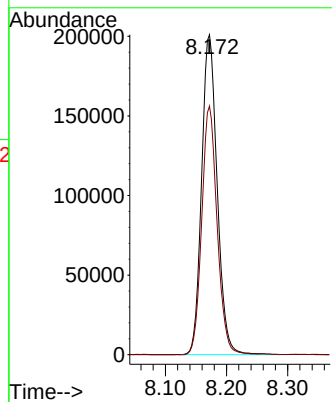
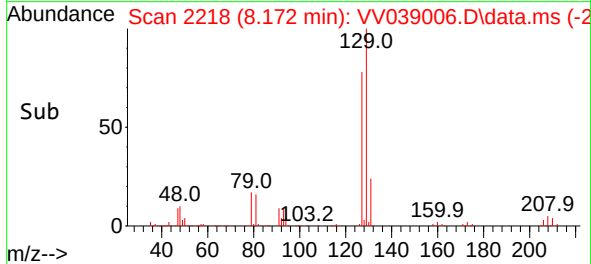
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



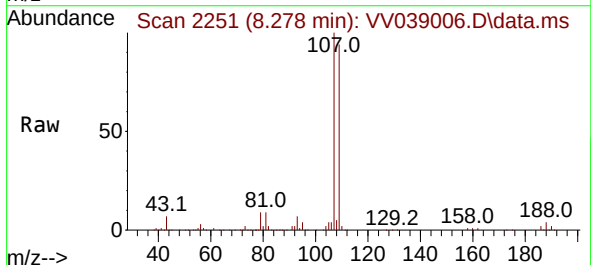
Tgt Ion:129 Resp: 35568
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1

Manual Integrations
APPROVED

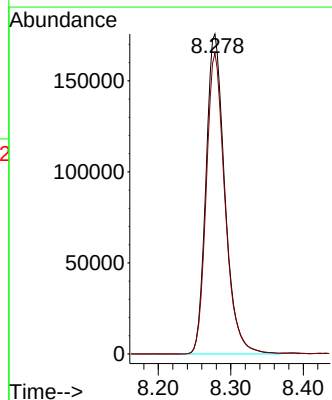
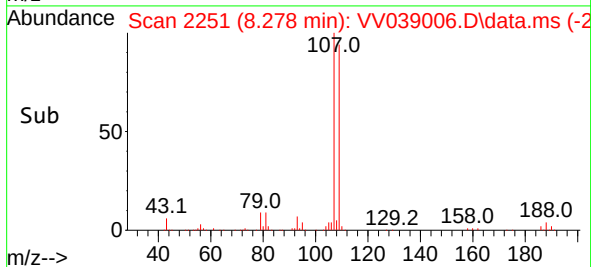
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

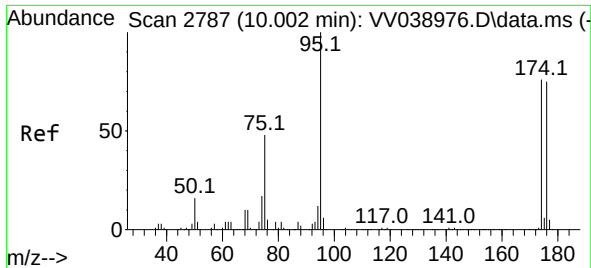


#61
1,2-Dibromoethane
Concen: 42.903 ug/l
RT: 8.278 min Scan# 2251
Delta R.T. 0.006 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42



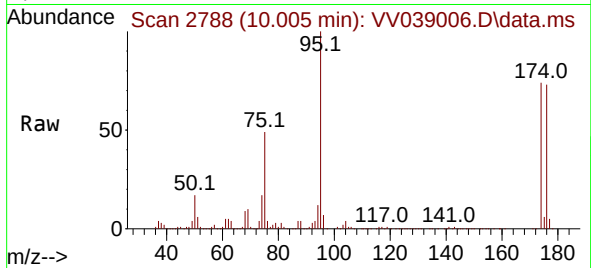
Tgt Ion:107 Resp: 317106
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.6





#62
4-Bromofluorobenzene
Concen: 60.685 ug/l
RT: 10.005 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

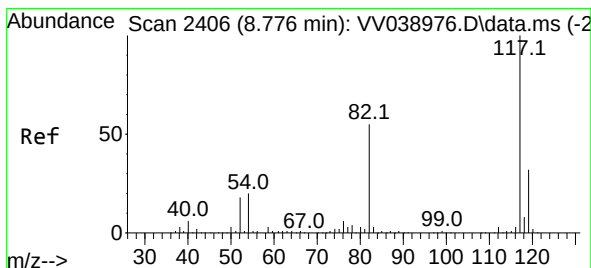
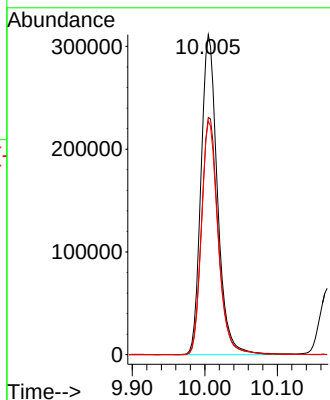
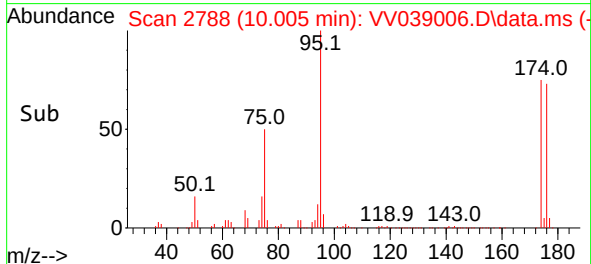
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



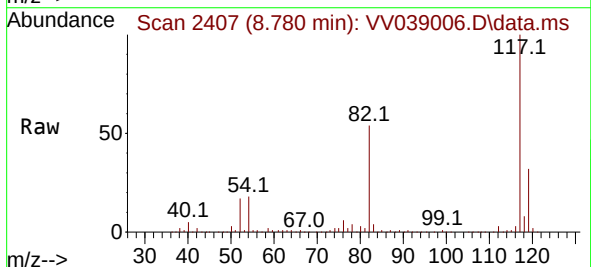
Tgt Ion: 95 Resp: 491029
Ion Ratio Lower Upper
95 100
174 75.5 0.0 154.4
176 73.3 0.0 148.6

Manual Integrations
APPROVED

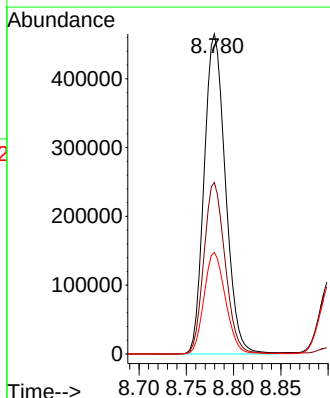
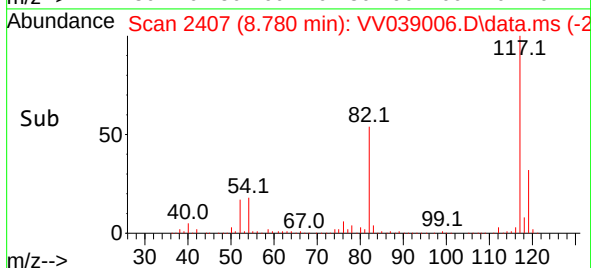
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

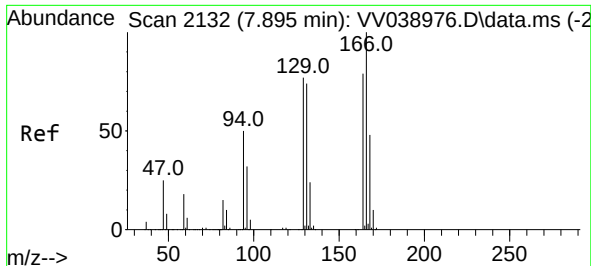


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.780 min Scan# 2407
Delta R.T. 0.004 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42



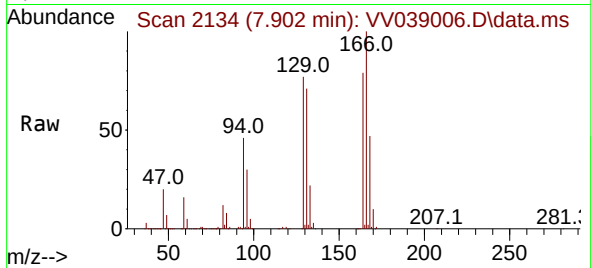
Tgt Ion:117 Resp: 728229
Ion Ratio Lower Upper
117 100
82 53.6 44.4 66.6
119 31.7 26.0 39.0





#64
Tetrachloroethene
Concen: 44.870 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

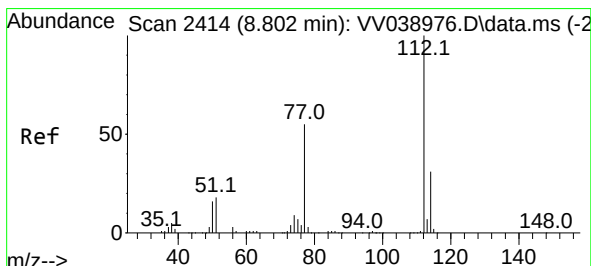
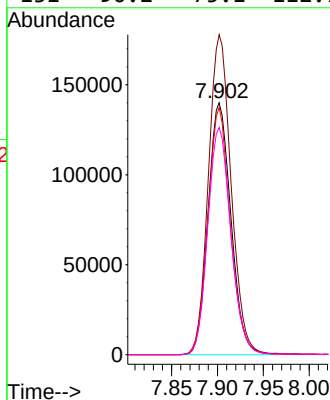
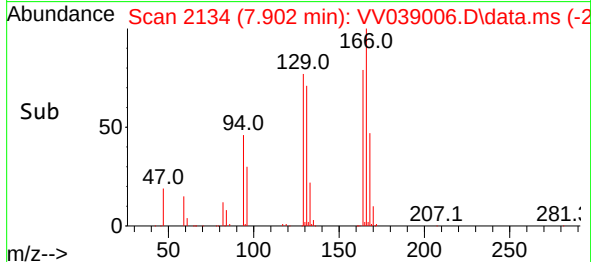
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion:164 Resp: 243130
Ion Ratio Lower Upper
164 100
166 127.1 101.8 152.6
129 98.0 78.7 118.1
131 90.2 75.1 112.7

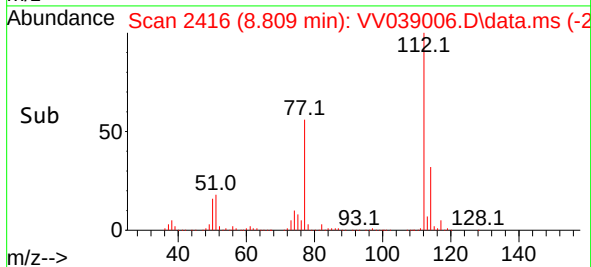
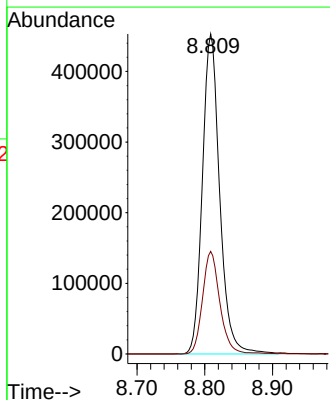
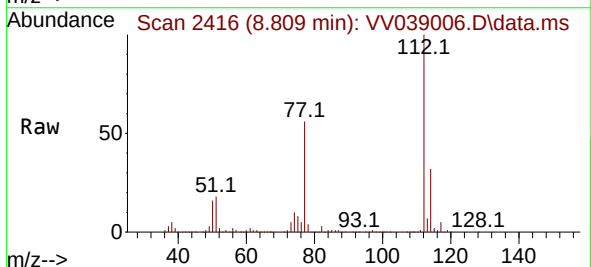
Manual Integrations
APPROVED

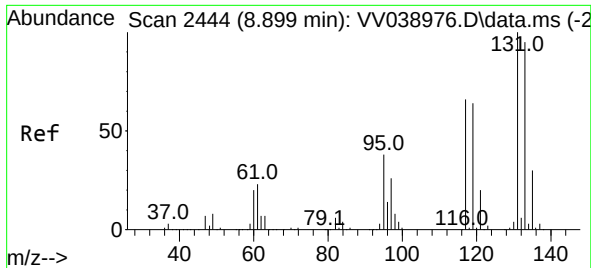
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#65
Chlorobenzene
Concen: 45.699 ug/l
RT: 8.809 min Scan# 2416
Delta R.T. 0.006 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

Tgt Ion:112 Resp: 802400
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7





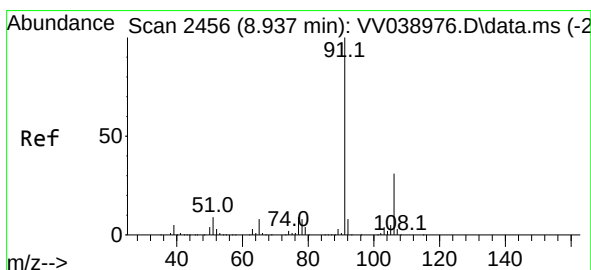
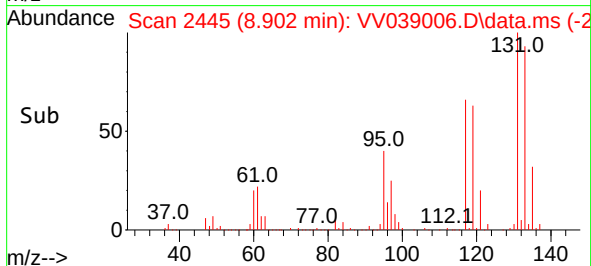
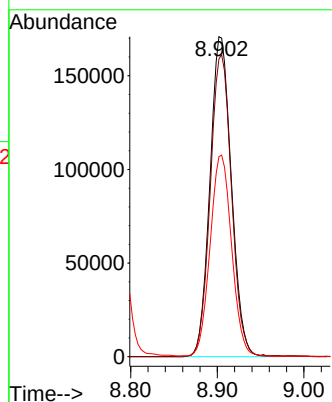
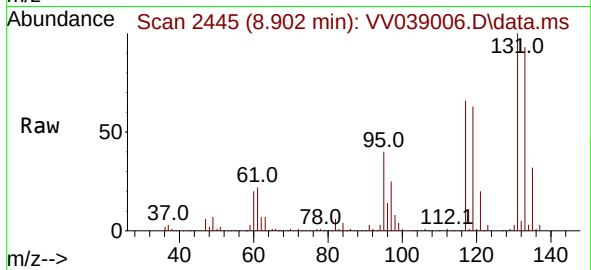
#66
1,1,1,2-Tetrachloroethane
Concen: 46.569 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD

Tgt Ion:131 Resp: 293528
Ion Ratio Lower Upper
131 100
133 94.0 47.6 142.9
119 63.3 32.1 96.3

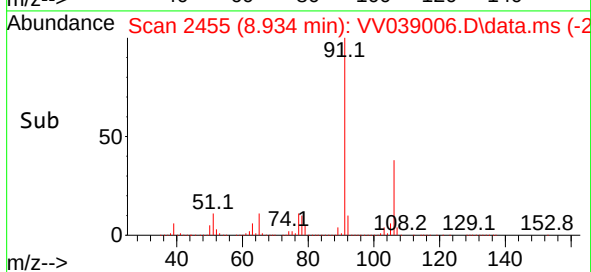
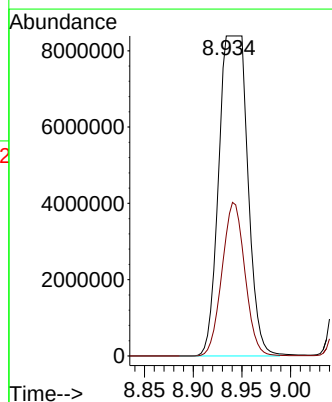
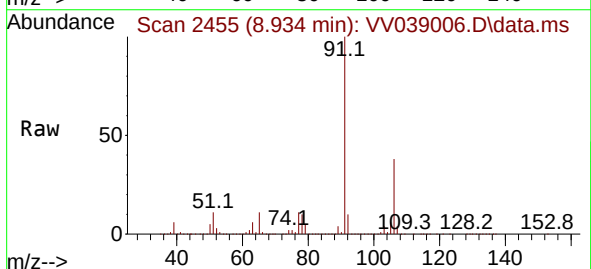
Manual Integrations
APPROVED

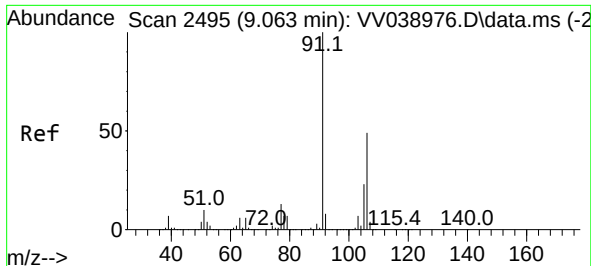
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#67
Ethyl Benzene
Concen: 645.919 ug/l m
RT: 8.934 min Scan# 2455
Delta R.T. -0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

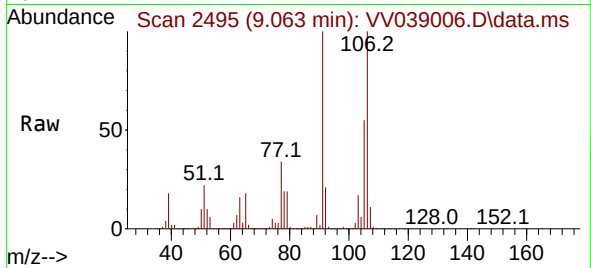
Tgt Ion: 91 Resp:17313419
Ion Ratio Lower Upper
91 100
106 37.8 24.6 36.8#





#68
m/p-Xylenes
Concen: 2342.084 ug/l m
RT: 9.063 min Scan# 2495
Delta R.T. -0.000 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

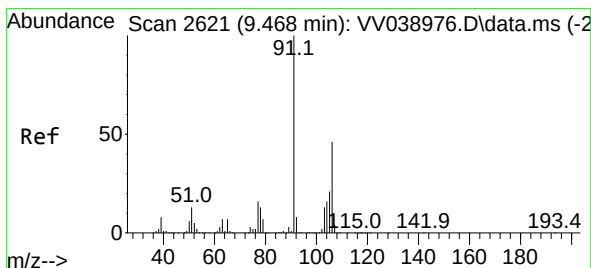
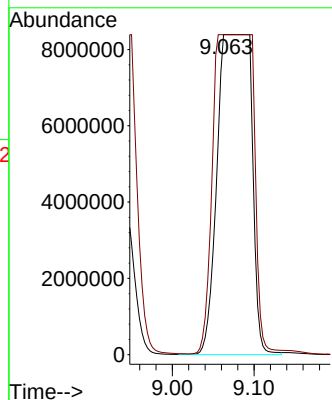
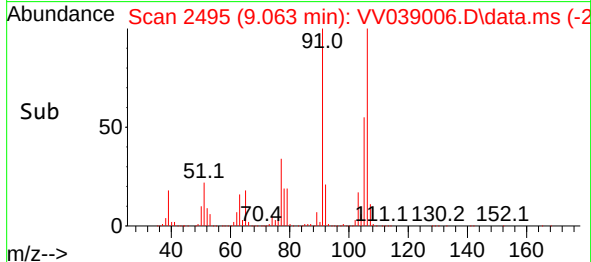
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



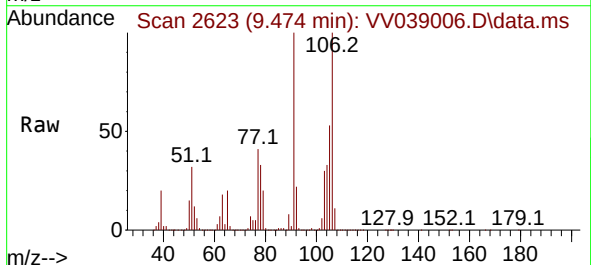
Tgt Ion:106 Resp:24381378
Ion Ratio Lower Upper
106 100
91 0.0 163.6 245.4

Manual Integrations
APPROVED

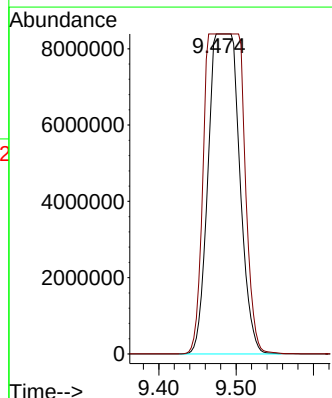
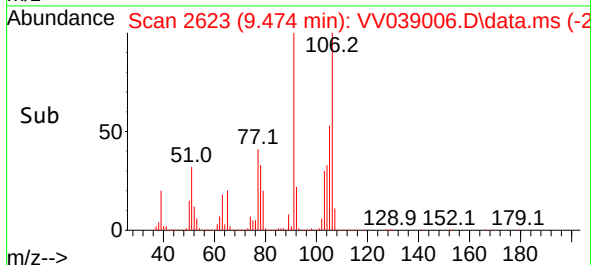
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

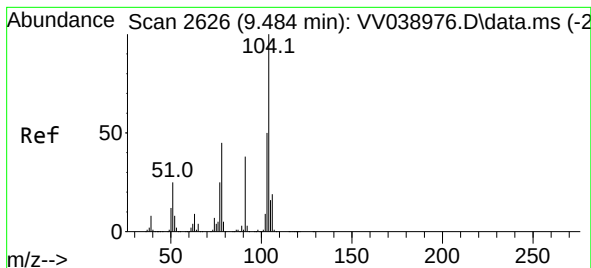


#69
o-Xylene
Concen: 2467.957 ug/l m
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42



Tgt Ion:106 Resp:23416839
Ion Ratio Lower Upper
106 100
91 0.0 108.0 324.0





#70

Styrene

Concen: 1857.645 ug/l m

RT: 9.484 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MSD

Tgt Ion:104 Resp:3023990

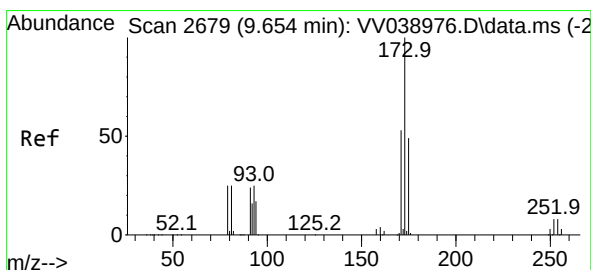
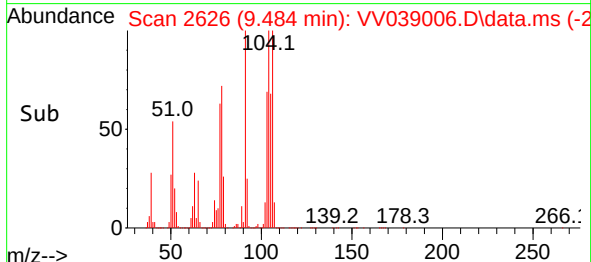
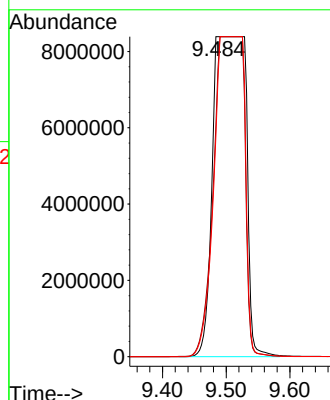
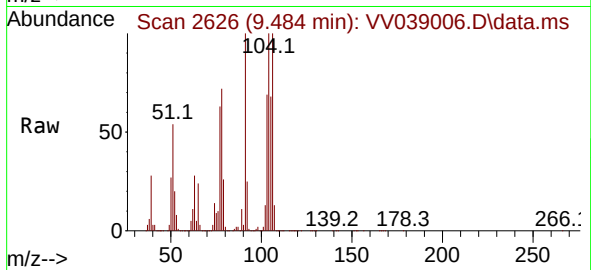
Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.8	59.8
103	0.0	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#71

Bromoform

Concen: 62.527 ug/l

RT: 9.661 min Scan# 2681

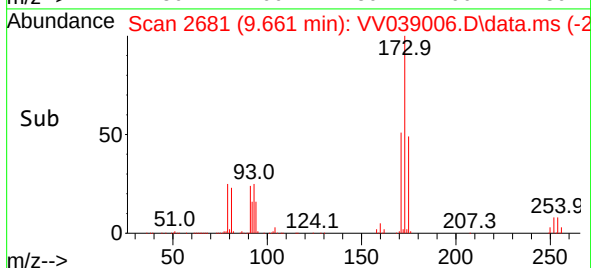
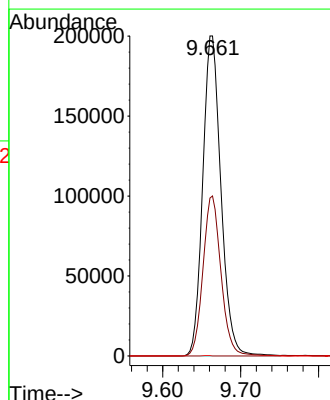
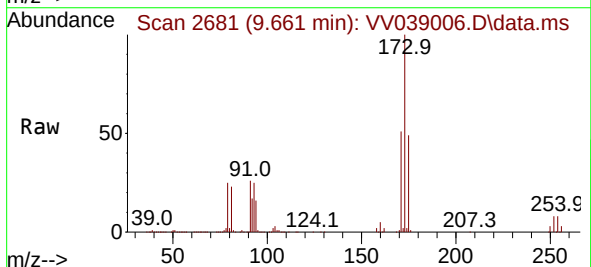
Delta R.T. 0.006 min

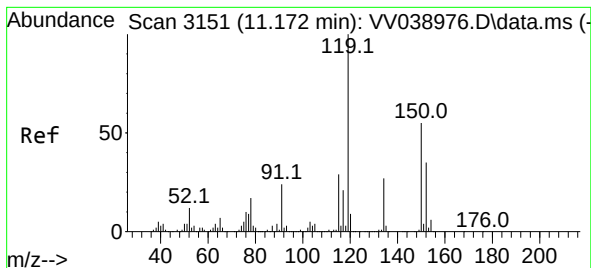
Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

Tgt Ion:173 Resp: 324713

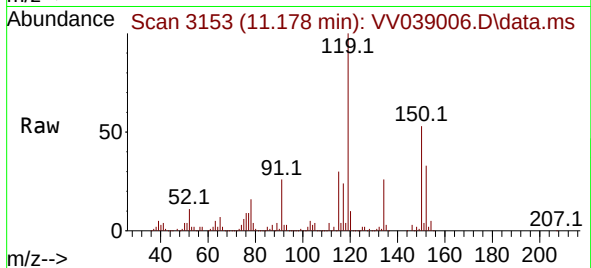
Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.6	73.6
254	0.0	0.1	0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.178 min Scan# 3151
Delta R.T. 0.006 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

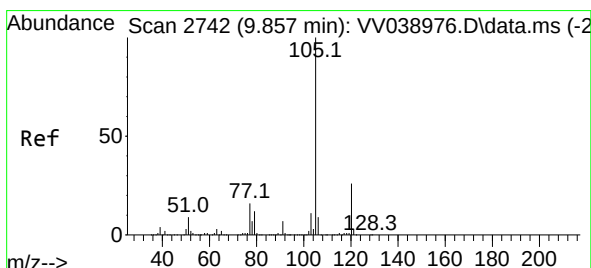
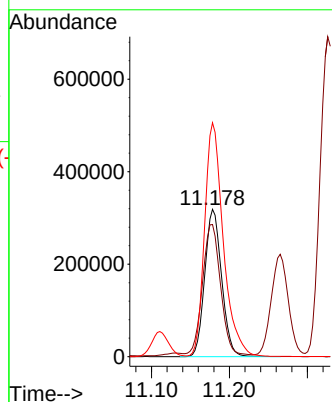
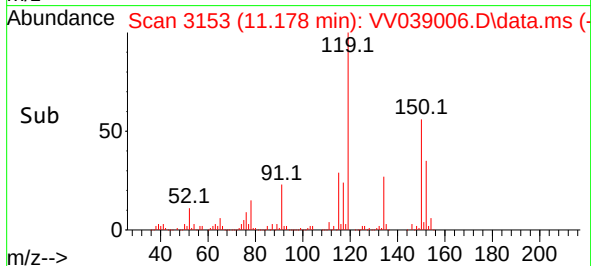
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion:152 Resp: 478184
Ion Ratio Lower Upper
152 100
115 93.6 42.5 127.5
150 176.0 0.0 344.8

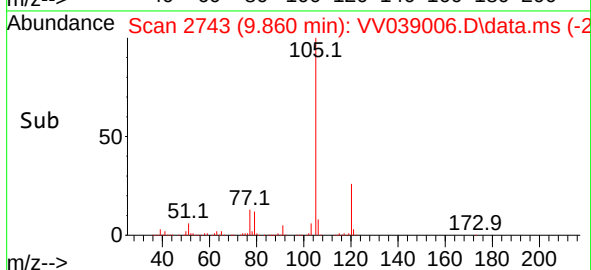
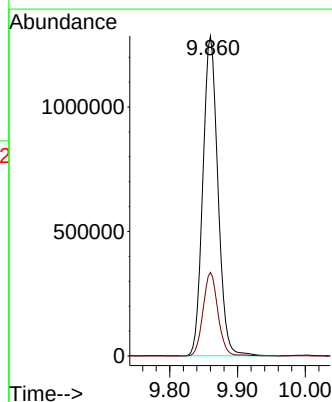
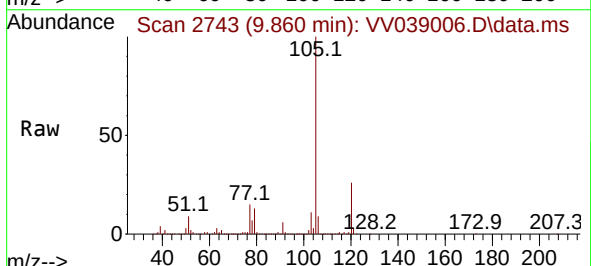
Manual Integrations
APPROVED

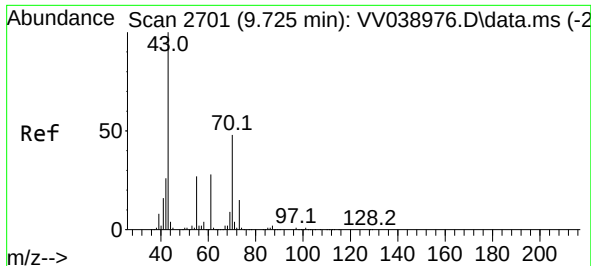
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#73
Isopropylbenzene
Concen: 61.652 ug/l
RT: 9.860 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

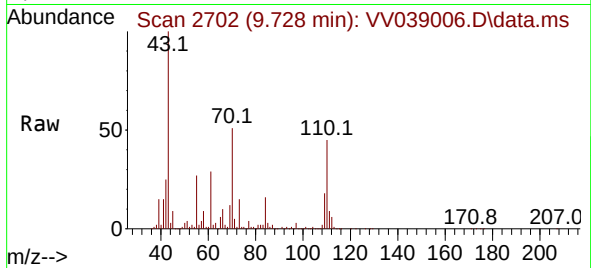
Tgt Ion:105 Resp: 1978260
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1





#74
N-amy1 acetate
Concen: 62.852 ug/l
RT: 9.728 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

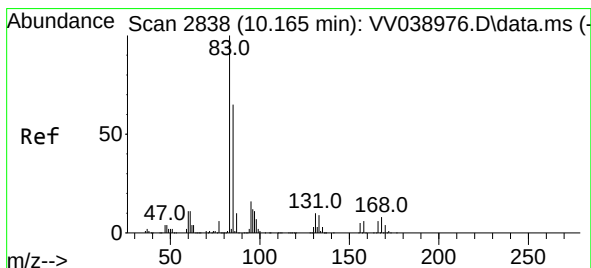
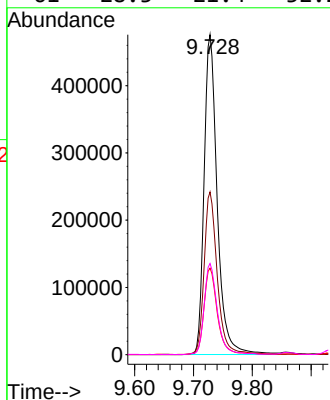
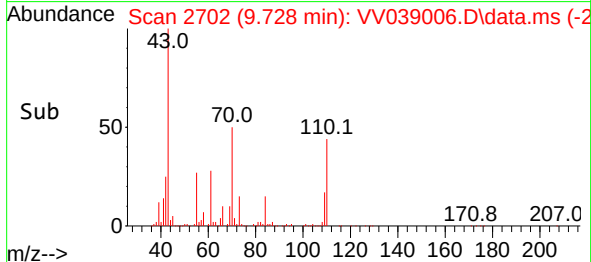
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



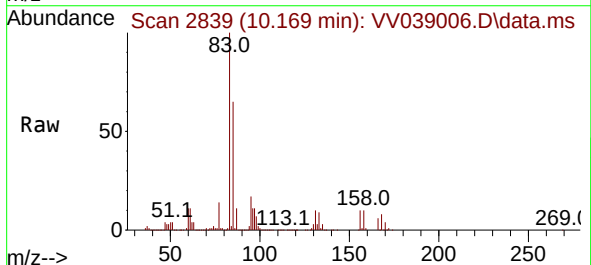
Tgt Ion: 43 Resp: 738894
Ion Ratio Lower Upper
43 100
70 51.4 38.3 57.5
55 27.5 21.6 32.4
61 28.3 21.4 32.2

Manual Integrations
APPROVED

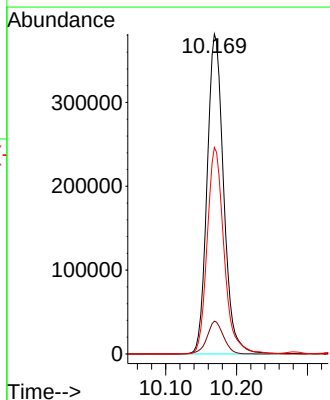
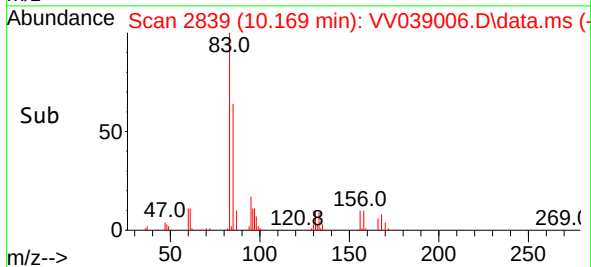
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

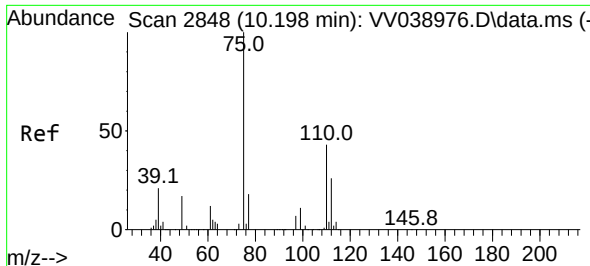


#75
1,1,2,2-Tetrachloroethane
Concen: 48.440 ug/l
RT: 10.169 min Scan# 2839
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42



Tgt Ion: 83 Resp: 617295
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.9
85 65.8 32.5 97.5





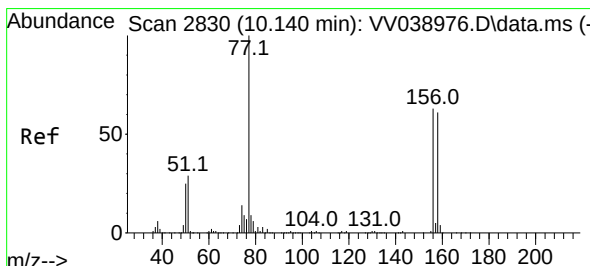
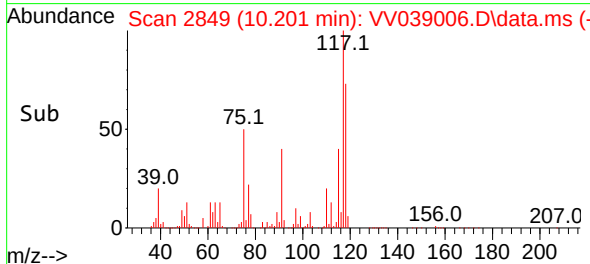
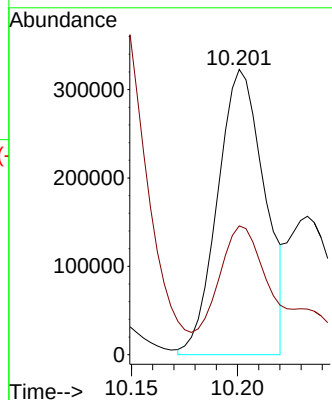
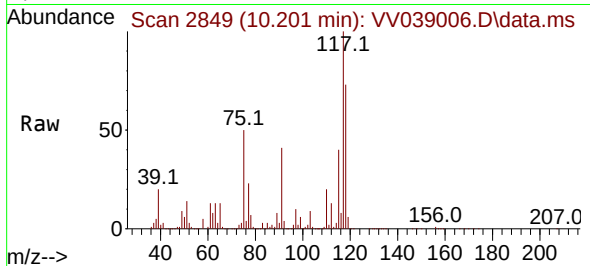
#76
1,2,3-Trichloropropane
Concen: 56.237 ug/l m
RT: 10.201 min Scan# 2848
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD

Tgt Ion: 75 Resp: 498808
Ion Ratio Lower Upper
75 100
77 13.7 11.3 33.8

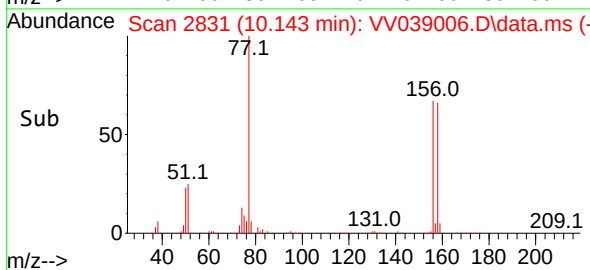
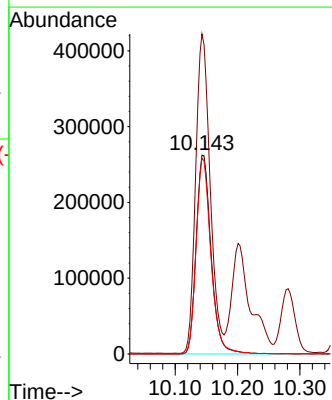
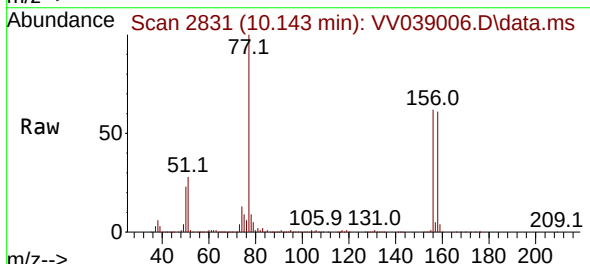
Manual Integrations
APPROVED

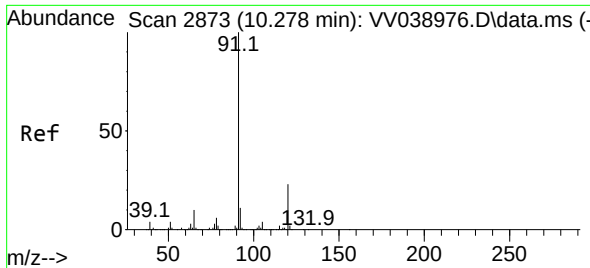
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#77
Bromobenzene
Concen: 52.834 ug/l
RT: 10.143 min Scan# 2831
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

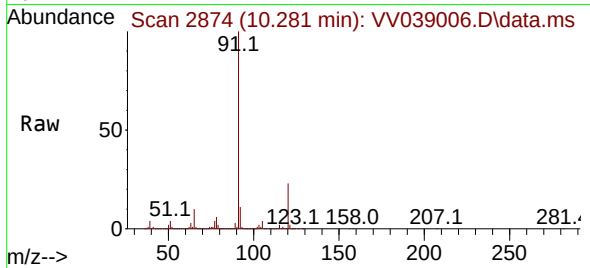
Tgt Ion:156 Resp: 435579
Ion Ratio Lower Upper
156 100
77 155.8 79.0 237.0
158 97.3 48.6 145.9





#78
n-propylbenzene
Concen: 87.407 ug/l
RT: 10.281 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

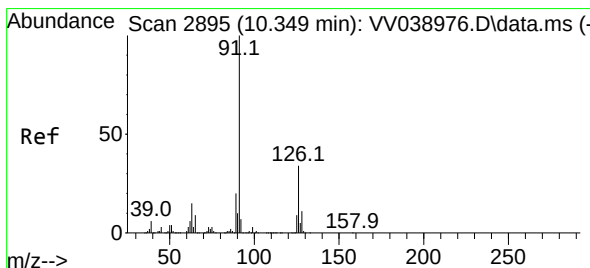
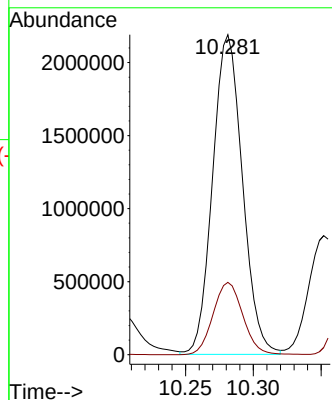
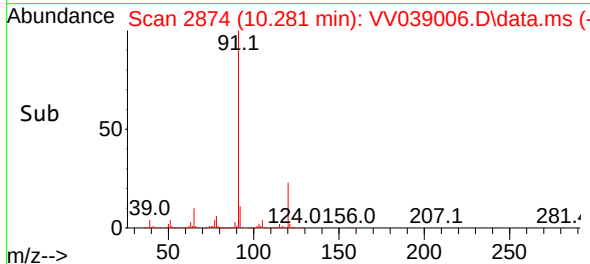
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



Tgt Ion: 91 Resp: 334862
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4

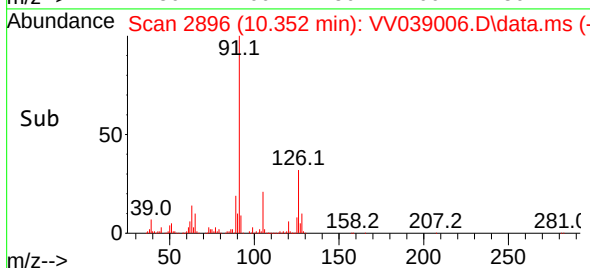
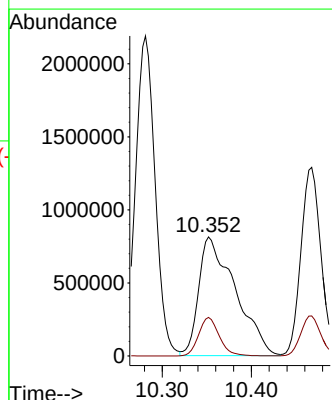
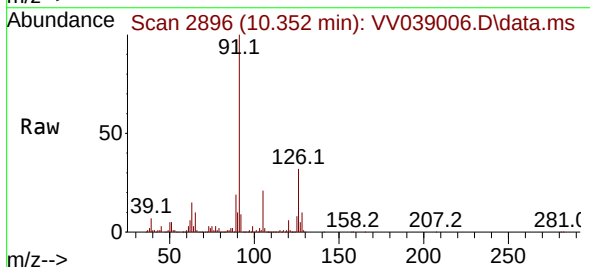
Manual Integrations
APPROVED

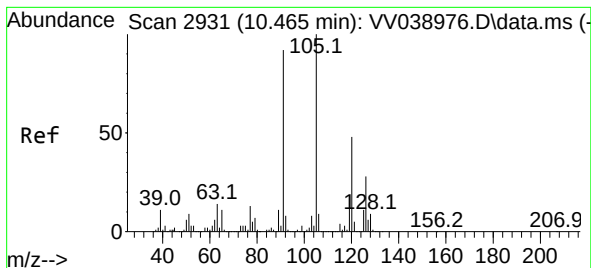
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#79
2-Chlorotoluene
Concen: 101.245 ug/l
RT: 10.352 min Scan# 2896
Delta R.T. 0.003 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

Tgt Ion: 91 Resp: 2328880
Ion Ratio Lower Upper
91 100
126 18.2 17.1 51.2





#80

1,3,5-Trimethylbenzene

Concen: 247.494 ug/l

RT: 10.468 min Scan# 2931

Delta R.T. 0.003 min

Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MSD

Tgt Ion:105 Resp: 668319

Ion Ratio Lower Upper

105 100

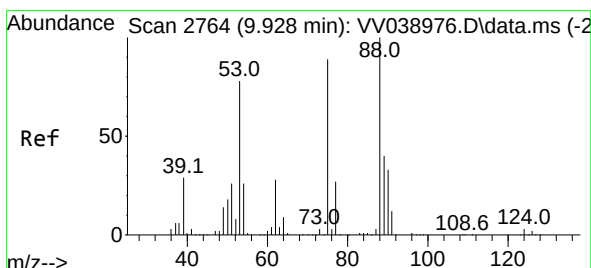
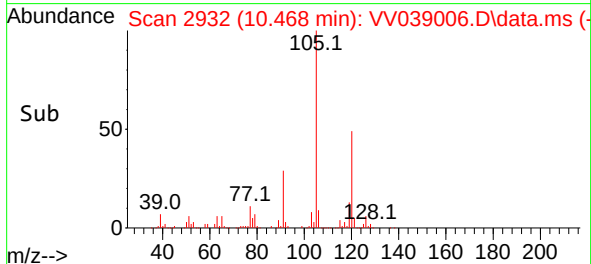
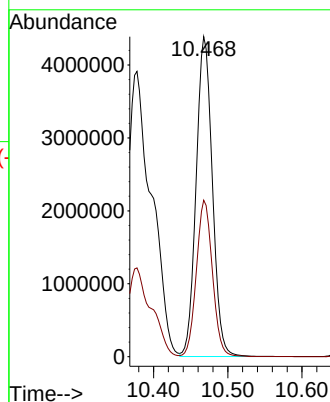
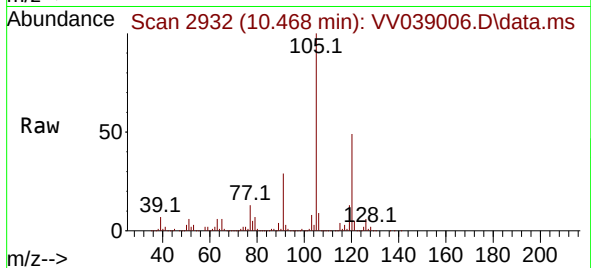
120 48.3 23.9 71.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#81

trans-1,4-Dichloro-2-butene

Concen: 54.677 ug/l

RT: 9.934 min Scan# 2766

Delta R.T. 0.006 min

Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

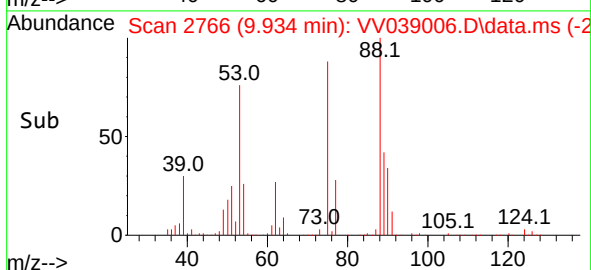
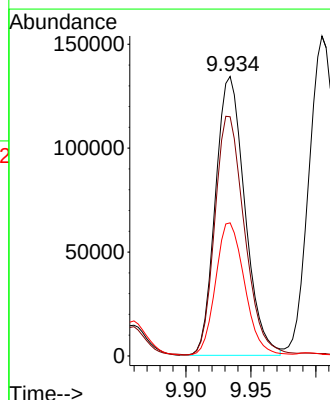
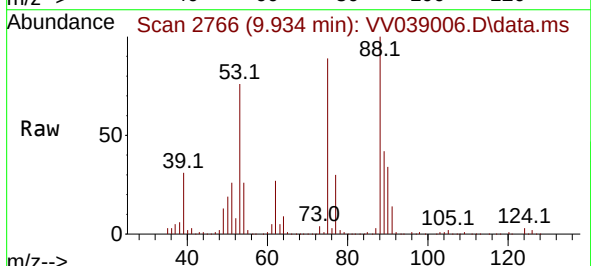
Tgt Ion: 75 Resp: 211232

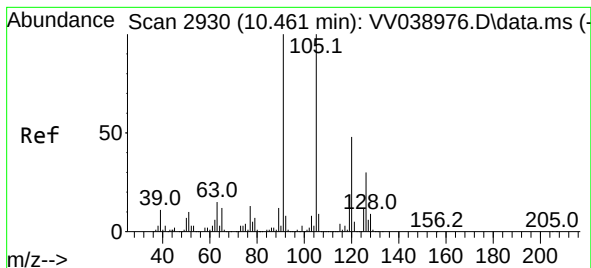
Ion Ratio Lower Upper

75 100

53 87.0 70.3 105.5

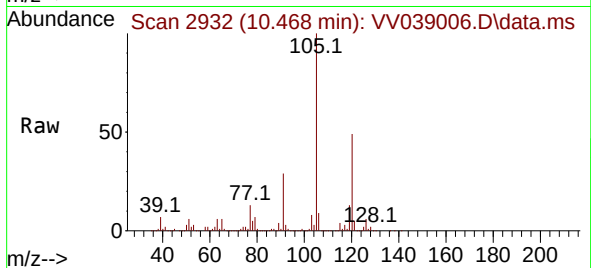
89 46.8 37.9 56.9





#82
4-Chlorotoluene
Concen: 76.446 ug/l
RT: 10.468 min Scan# 2930
Delta R.T. 0.006 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

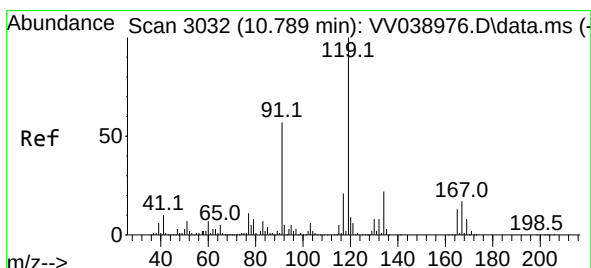
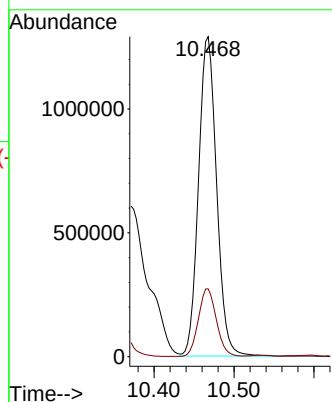
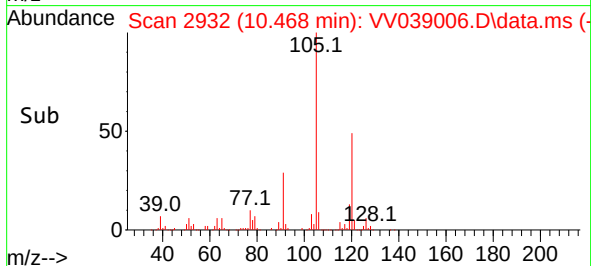
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



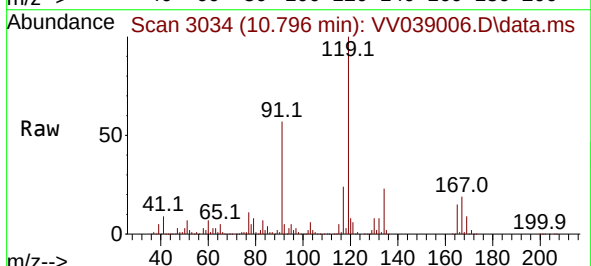
Tgt Ion: 91 Resp: 2026734
Ion Ratio Lower Upper
91 100
126 21.0 14.9 44.5

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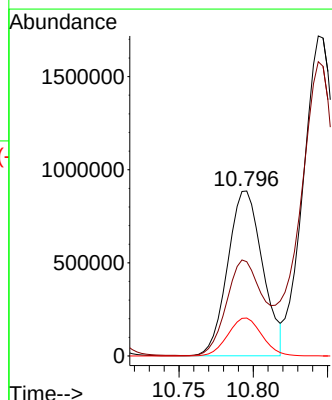
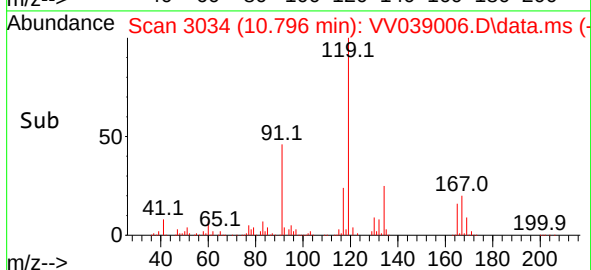
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

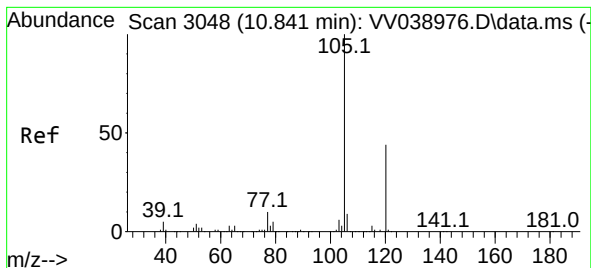


#83
tert-Butylbenzene
Concen: 54.239 ug/l
RT: 10.796 min Scan# 3034
Delta R.T. 0.006 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42



Tgt Ion:119 Resp: 1454326
Ion Ratio Lower Upper
119 100
91 58.7 28.4 85.3
134 22.4 11.2 33.6





#84

1,2,4-Trimethylbenzene

Concen: 656.579 ug/l m

RT: 10.837 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MSD

Tgt Ion:105 Resp:16967058

Ion Ratio Lower Upper

105 100

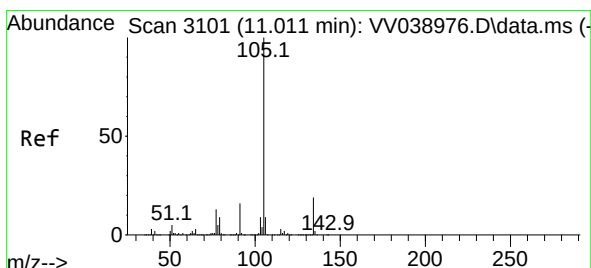
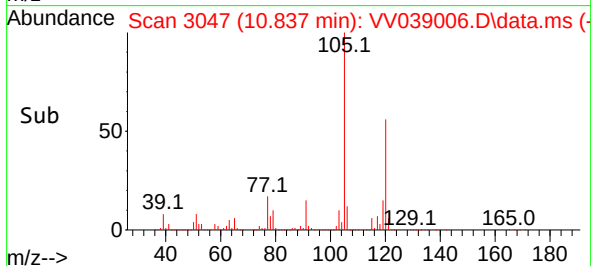
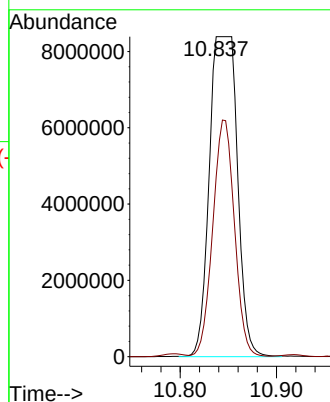
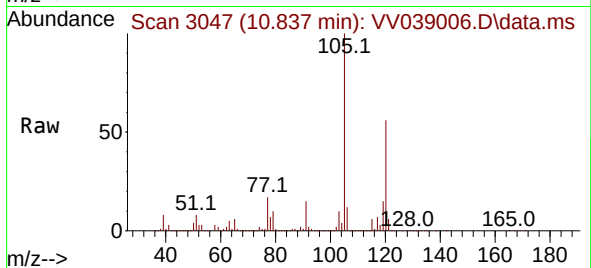
120 3.9 22.8 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#85

sec-Butylbenzene

Concen: 50.174 ug/l

RT: 11.017 min Scan# 3103

Delta R.T. 0.006 min

Lab File: VV039006.D

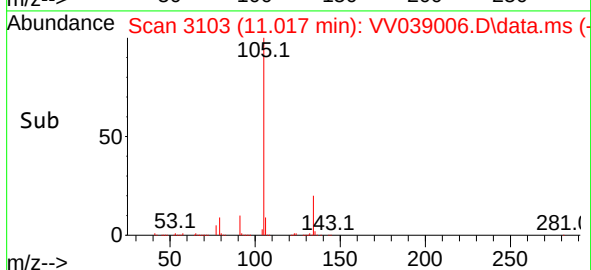
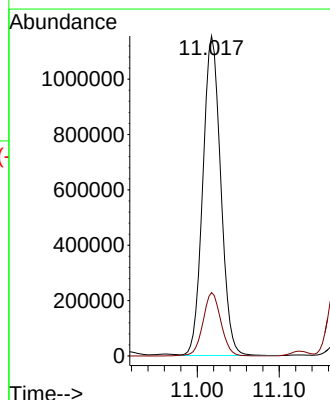
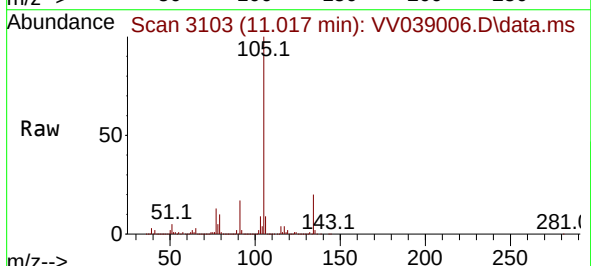
Acq: 22 Aug 2025 00:42

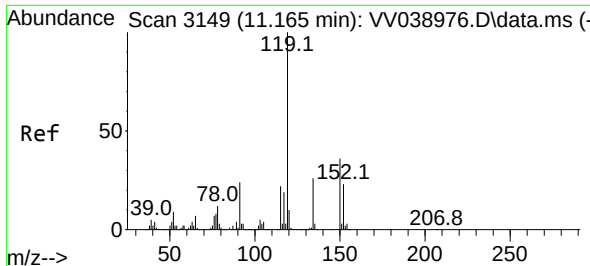
Tgt Ion:105 Resp: 1749648

Ion Ratio Lower Upper

105 100

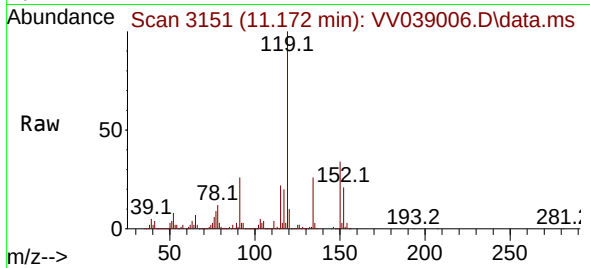
134 19.9 9.9 29.7





#86
 p-Isopropyltoluene
 Concen: 62.439 ug/l
 RT: 11.172 min Scan# 3151
 Delta R.T. 0.006 min
 Lab File: VV039006.D
 Acq: 22 Aug 2025 00:42

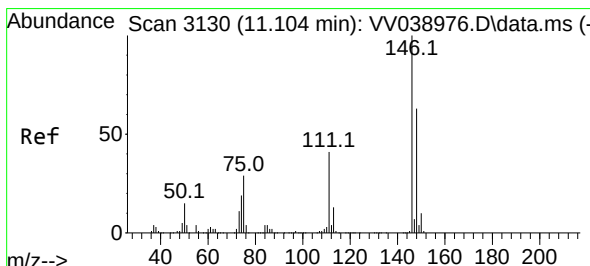
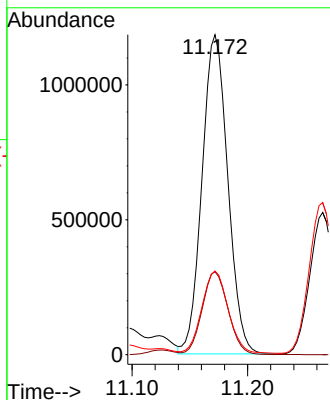
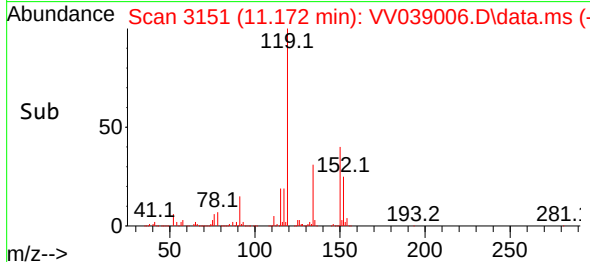
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-201-082025MSD



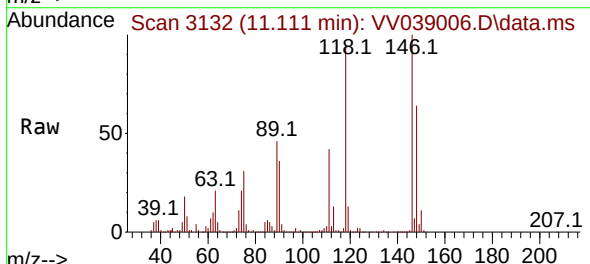
Tgt Ion:119 Resp: 183364
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 26.0 12.4 37.0

Manual Integrations
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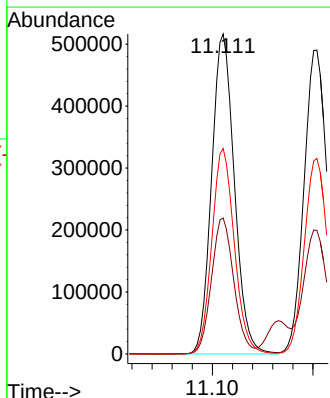
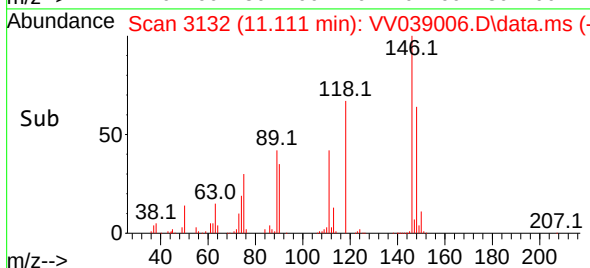
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

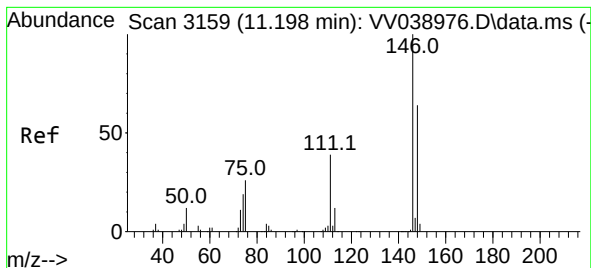


#87
 1,3-Dichlorobenzene
 Concen: 49.833 ug/l
 RT: 11.111 min Scan# 3132
 Delta R.T. 0.006 min
 Lab File: VV039006.D
 Acq: 22 Aug 2025 00:42



Tgt Ion:146 Resp: 811237
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.5 61.6
 148 63.6 31.9 95.5





#88

1,4-Dichlorobenzene

Concen: 46.849 ug/l

RT: 11.204 min Scan# 3159

Delta R.T. 0.006 min

Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MSD

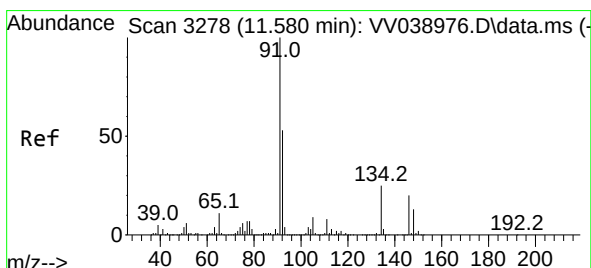
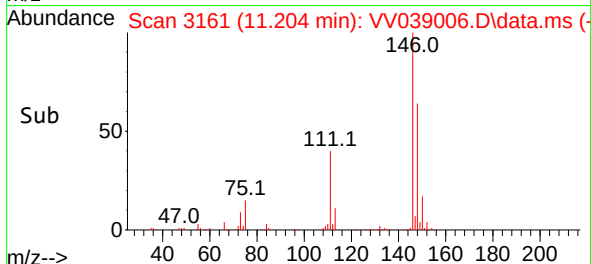
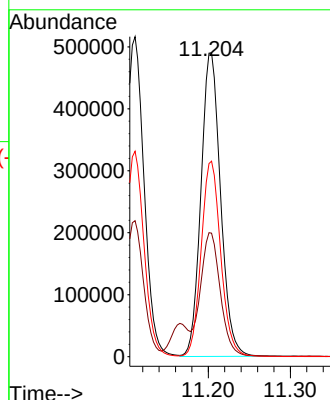
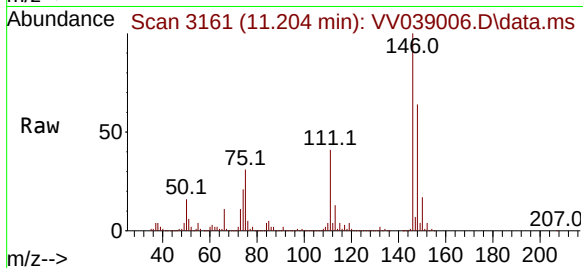
Tgt Ion:146 Resp: 81354
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.0 60.0
 148 64.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#89

n-Butylbenzene

Concen: 55.811 ug/l

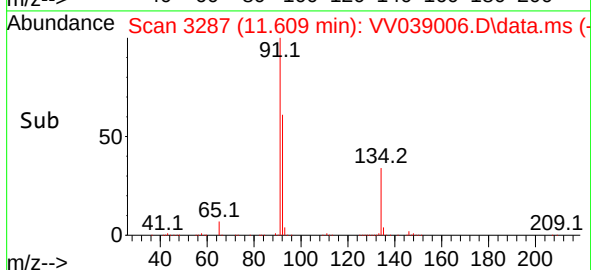
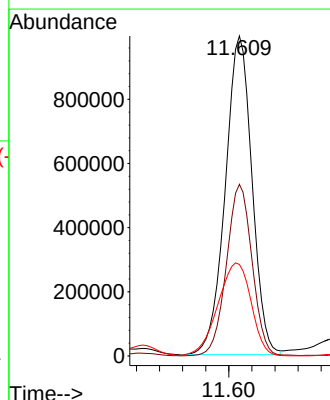
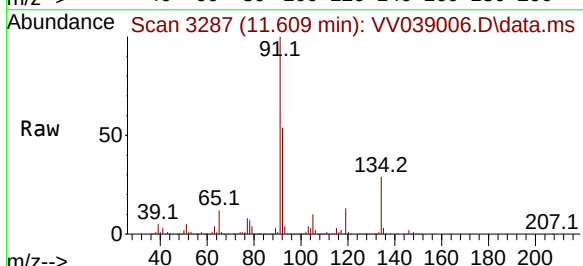
RT: 11.609 min Scan# 3287

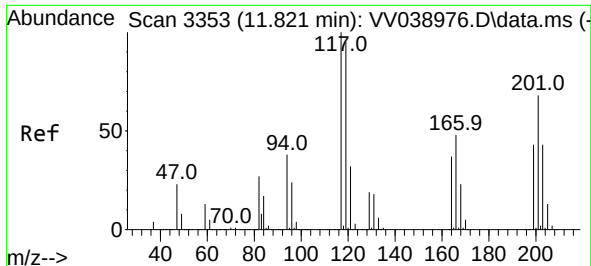
Delta R.T. 0.029 min

Lab File: VV039006.D

Acq: 22 Aug 2025 00:42

Tgt Ion: 91 Resp: 1596814
 Ion Ratio Lower Upper
 91 100
 92 51.5 26.5 79.5
 134 36.2 12.6 37.8





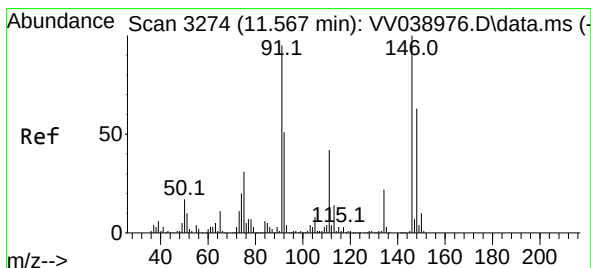
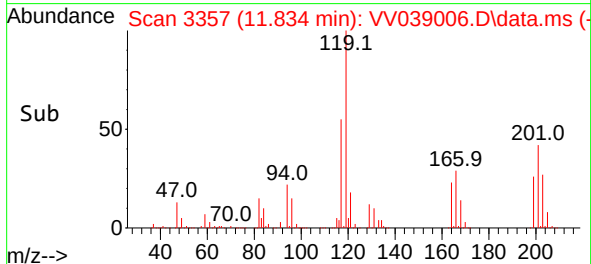
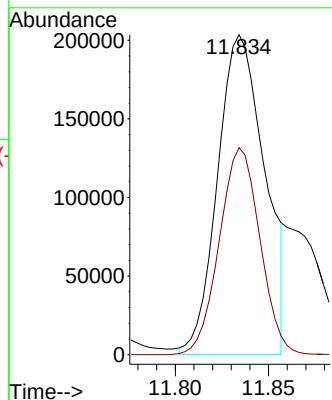
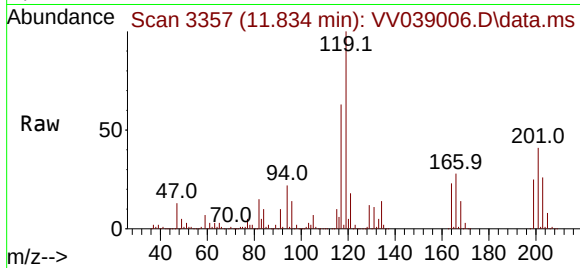
#90
Hexachloroethane
Concen: 52.741 ug/l m
RT: 11.834 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD

Tgt Ion:117 Resp: 35794
Ion Ratio Lower Upper
117 100
201 0.0 33.7 101.0

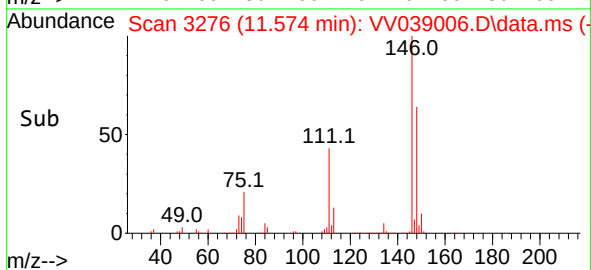
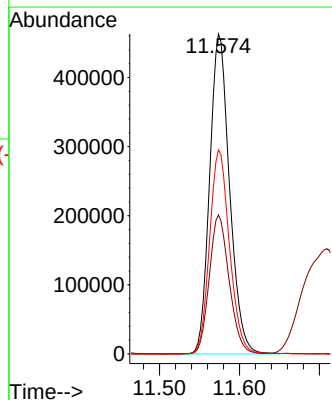
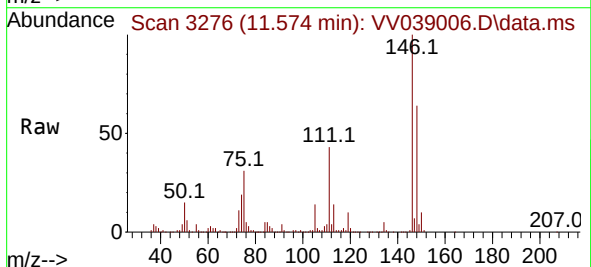
Manual Integrations
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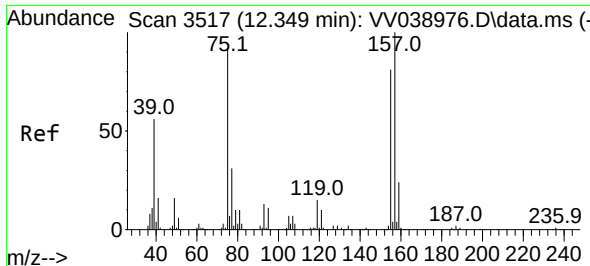
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#91
1,2-Dichlorobenzene
Concen: 51.547 ug/l
RT: 11.574 min Scan# 3276
Delta R.T. 0.006 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

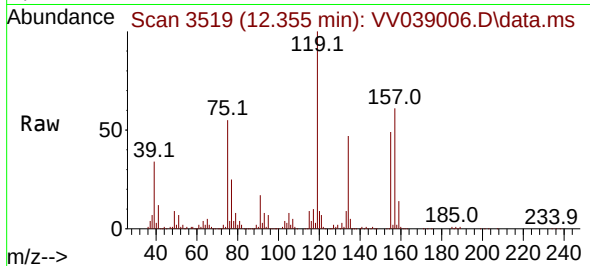
Tgt Ion:146 Resp: 800159
Ion Ratio Lower Upper
146 100
111 43.2 21.1 63.4
148 63.9 31.9 95.7





#92
1,2-Dibromo-3-Chloropropane
Concen: 61.300 ug/l
RT: 12.355 min Scan# 3517
Delta R.T. 0.006 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

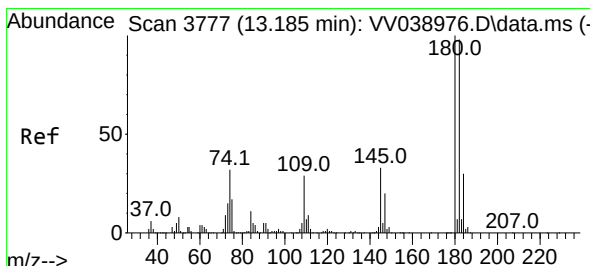
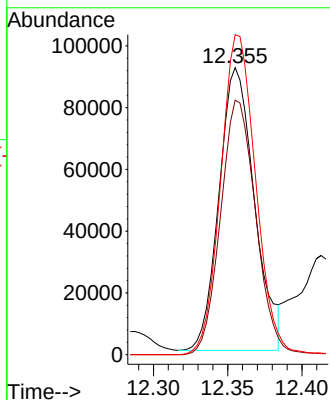
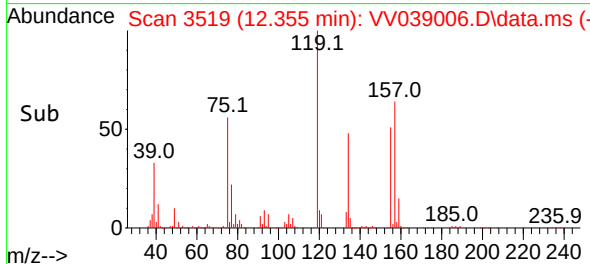
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD



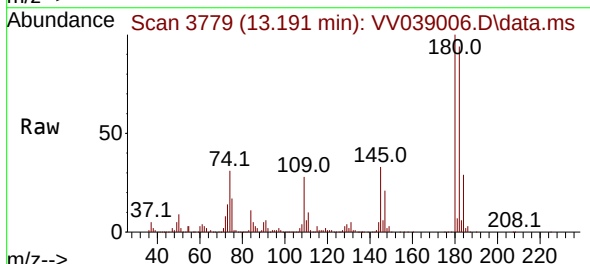
Tgt Ion: 75 Resp: 151928
Ion Ratio Lower Upper
75 100
155 89.6 43.7 131.1
157 112.2 54.1 162.3

Manual Integrations
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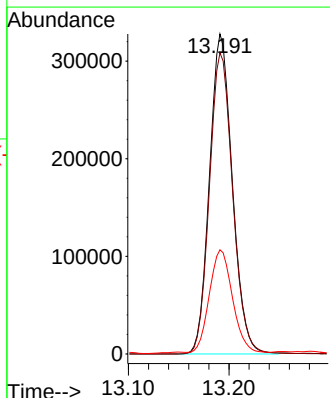
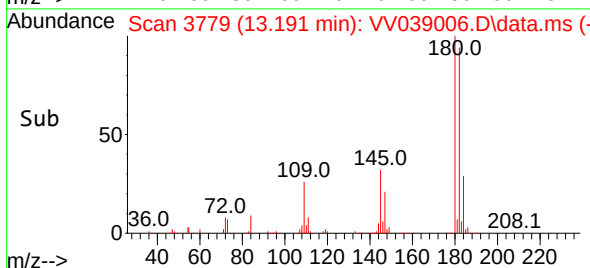
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

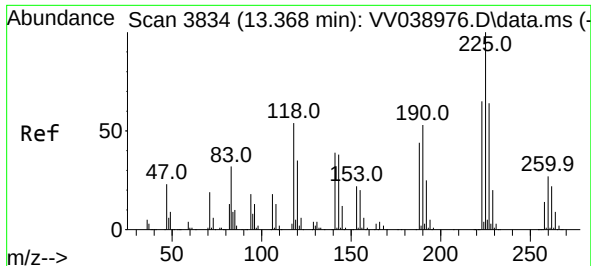


#93
1,2,4-Trichlorobenzene
Concen: 55.914 ug/l
RT: 13.191 min Scan# 3779
Delta R.T. 0.006 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42



Tgt Ion:180 Resp: 517941
Ion Ratio Lower Upper
180 100
182 95.5 47.3 142.0
145 32.1 16.3 48.8





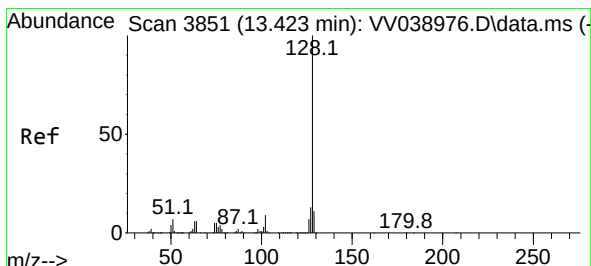
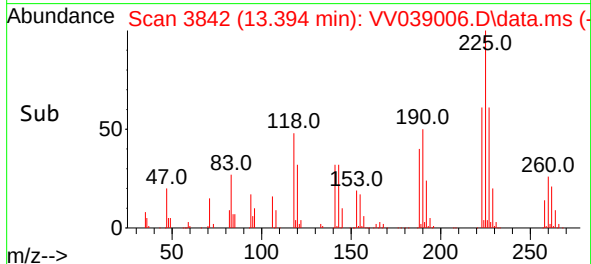
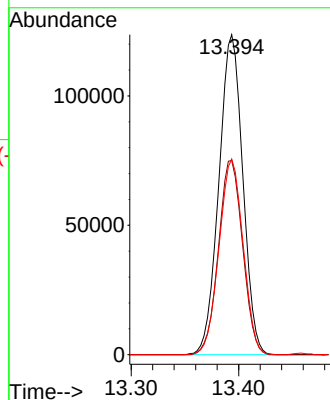
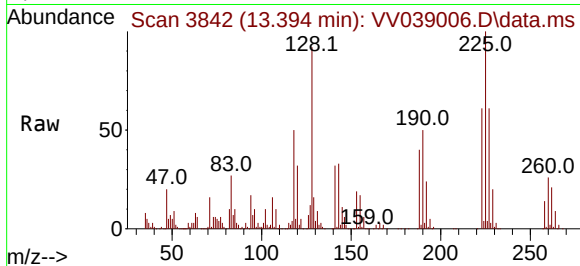
#94
Hexachlorobutadiene
Concen: 40.001 ug/l
RT: 13.394 min Scan# 3842
Delta R.T. 0.026 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MSD

Tgt Ion:225 Resp: 191018
Ion Ratio Lower Upper
225 100
223 61.4 31.9 95.7
227 61.5 30.8 92.3

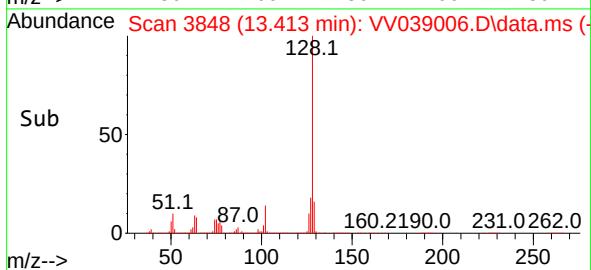
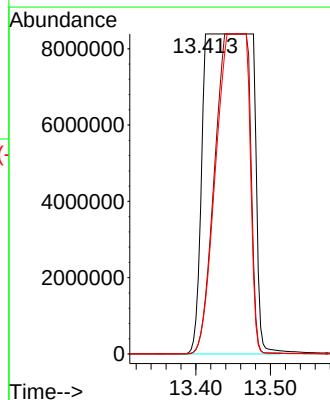
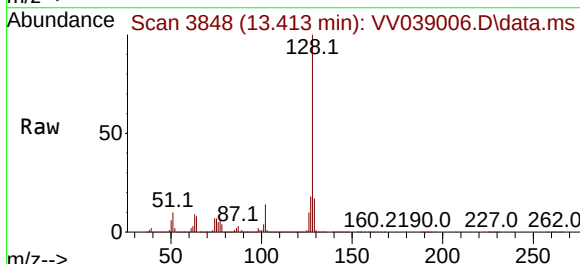
Manual Integrations
APPROVED

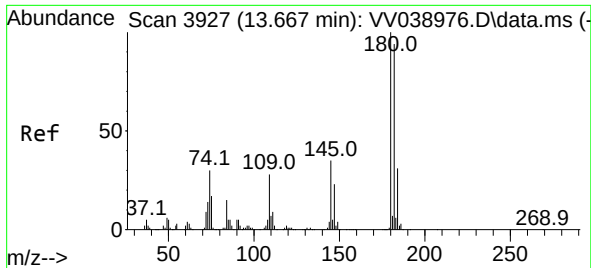
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#95
Naphthalene
Concen: 1315.089 ug/l m
RT: 13.413 min Scan# 3848
Delta R.T. -0.010 min
Lab File: VV039006.D
Acq: 22 Aug 2025 00:42

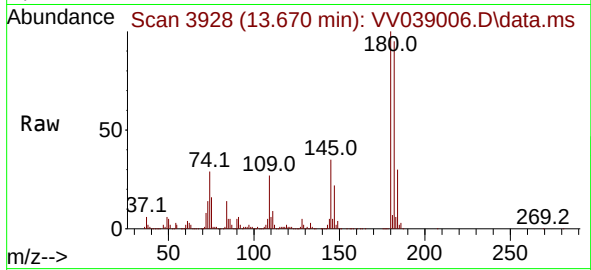
Tgt Ion:128 Resp:38442747
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.5 12.7#





#96
 1,2,3-Trichlorobenzene
 Concen: 55.441 ug/l
 RT: 13.670 min Scan# 3928
 Delta R.T. 0.003 min
 Lab File: VV039006.D
 Acq: 22 Aug 2025 00:42

Instrument : MSVOA_V
 ClientSampleId : MW-201-082025MSD



Tgt Ion:180 Resp: 517828
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.0 141.0
 145 37.7 17.3 52.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

