

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV039005.D
 Acq On : 22 Aug 2025 00:20
 Operator : SY/MD
 Sample : Q2924-03MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-201-082025MS

Quant Time: Aug 22 04:43:02 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	528363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	848358	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.780	117	744435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.178	152	531973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.950	65	373716	50.408	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 100.820%			
35) Dibromofluoromethane	4.500	113	282258	44.365	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 88.720%			
50) Toluene-d8	7.252	98	973361	43.874	ug/l	0.02
Spiked Amount 50.000	Range 89 - 112		Recovery = 87.740%#			
62) 4-Bromofluorobenzene	10.005	95	365259	45.005	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 90.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	303471	38.422	ug/l	98
3) Chloromethane	1.227	50	264332	32.399	ug/l	97
4) Vinyl Chloride	1.294	62	341661	39.689	ug/l #	75
5) Bromomethane	1.491	94	115891	24.910	ug/l	98
6) Chloroethane	1.558	64	227959	51.967	ug/l	94
7) Trichlorofluoromethane	1.722	101	539007	45.705	ug/l	98
8) Diethyl Ether	1.915	74	177950	49.068	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	290114	44.567	ug/l	99
10) Methyl Iodide	2.195	142	257181	31.755	ug/l	97
11) Tert butyl alcohol	2.564	59	294699	293.688	ug/l	99
12) 1,1-Dichloroethene	2.079	96	294988	49.193	ug/l	98
13) Acrolein	2.008	56	79586	244.385	ug/l #	1
14) Allyl chloride	2.355	41	360185	44.987	ug/l	94
15) Acrylonitrile	2.671	53	745777	245.927	ug/l	99
16) Acetone	2.118	43	638108	214.447	ug/l	98
17) Carbon Disulfide	2.253	76	792306	47.504	ug/l	99
18) Methyl Acetate	2.378	43	300683	47.675	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	981544	55.357	ug/l	99
20) Methylene Chloride	2.455	84	299675	43.337	ug/l	100
21) trans-1,2-Dichloroethene	2.699	96	1361690	218.019	ug/l	99
22) Diisopropyl ether	3.211	45	753895	42.887	ug/l	99
23) Vinyl Acetate	3.185	43	3020801	214.166	ug/l	100
24) 1,1-Dichloroethane	3.117	63	494589	42.475	ug/l	99
25) 2-Butanone	3.860	43	890827	230.095	ug/l	97
26) 2,2-Dichloropropane	3.812	77	381196	34.126	ug/l	79
27) cis-1,2-Dichloroethene	3.815	96	1272503	168.804	ug/l	92
28) Bromochloromethane	4.150	49	110475	45.246	ug/l	95
29) Tetrahydrofuran	4.230	42	580495	224.615	ug/l	99
30) Chloroform	4.278	83	556744	41.840	ug/l	99
31) Cyclohexane	4.587	56	426988	41.099	ug/l	99
32) 1,1,1-Trichloroethane	4.516	97	531225	42.493	ug/l	99
36) 1,1-Dichloropropene	4.748	75	364570	44.124	ug/l #	75
37) Ethyl Acetate	3.973	43	340498	42.179	ug/l	100
38) Carbon Tetrachloride	4.738	117	466553	42.166	ug/l	100
39) Methylcyclohexane	6.050	83	476755	45.158	ug/l	96
40) Benzene	4.989	78	41930506m	1620.268	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	158767	52.193	ug/l	95
42) 1,2-Dichloroethane	5.031	62	1735360	183.424	ug/l	81
43) Isopropyl Acetate	5.191	43	531788	43.173	ug/l	99
44) Trichloroethene	5.831	130	519245	73.970	ug/l	97
45) 1,2-Dichloropropane	6.092	63	252945	40.755	ug/l	99
46) Dibromomethane	6.227	93	217643	41.792	ug/l	97
47) Bromodichloromethane	6.429	83	429789	40.551	ug/l	97
48) Methyl methacrylate	6.297	41	264389	47.883	ug/l	100
49) 1,4-Dioxane	6.291	88	102442	1109.594	ug/l	93
51) 4-Methyl-2-Pentanone	7.178	43	1772089	219.109	ug/l	97
52) Toluene	7.301	92	53540345m	3266.734	ug/l	
53) t-1,3-Dichloropropene	7.580	75	406327	41.009	ug/l	99
54) cis-1,3-Dichloropropene	6.953	75	437820	42.648	ug/l	97
55) 1,1,2-Trichloroethane	7.764	97	265575	37.164	ug/l	99
56) Ethyl methacrylate	7.719	69	416515	38.555	ug/l	95
57) 1,3-Dichloropropane	7.937	76	431420	38.717	ug/l	99
59) 2-Hexanone	8.066	43	1247929	160.267	ug/l	96
60) Dibromochloromethane	8.172	129	334184	38.729	ug/l	100
61) 1,2-Dibromoethane	8.278	107	295667	39.881	ug/l	99
64) Tetrachloroethene	7.902	164	242011	43.690	ug/l	98
65) Chlorobenzene	8.809	112	793712	44.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.905	131	285787	44.354	ug/l	99
67) Ethyl Benzene	8.934	91	17701281m	646.013	ug/l	
68) m/p-Xylenes	9.063	106	24487808m	2301.099	ug/l	
69) o-Xylene	9.481	106	21358696	2202.040	ug/l	# 1
70) Styrene	9.487	104	29432110m	1768.662	ug/l	
71) Bromoform	9.664	173	240829	45.364	ug/l	# 98
73) Isopropylbenzene	9.860	105	1555867	43.586	ug/l	100
74) N-amyl acetate	9.728	43	434797	33.245	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.169	83	409312	28.872	ug/l	99
76) 1,2,3-Trichloropropane	10.201	75	351803m	35.653	ug/l	
77) Bromobenzene	10.143	156	337419	36.789	ug/l	93
78) n-propylbenzene	10.281	91	2510535	58.905	ug/l	100
79) 2-Chlorotoluene	10.352	91	1796442	70.201	ug/l	72
80) 1,3,5-Trimethylbenzene	10.468	105	5316872	176.987	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.934	75	139975	32.569	ug/l	97
82) 4-Chlorotoluene	10.468	91	1563171	52.999	ug/l	84
83) tert-Butylbenzene	10.796	119	1273675	42.699	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	16808144m	584.663	ug/l	
85) sec-Butylbenzene	11.017	105	1862819	48.018	ug/l	100
86) p-Isopropyltoluene	11.172	119	1915758	58.640	ug/l	99
87) 1,3-Dichlorobenzene	11.111	146	814777	44.989	ug/l	100
88) 1,4-Dichlorobenzene	11.204	146	846726	43.830	ug/l	100
89) n-Butylbenzene	11.609	91	1694177	53.227	ug/l	91
90) Hexachloroethane	11.834	117	387766m	51.358	ug/l	
91) 1,2-Dichlorobenzene	11.577	146	795654	46.074	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.355	75	126783	45.982	ug/l	96
93) 1,2,4-Trichlorobenzene	13.191	180	535057	51.921	ug/l	100
94) Hexachlorobutadiene	13.394	225	199189	37.494	ug/l	99
95) Naphthalene	13.413	128	38765079m	1192.029	ug/l	
96) 1,2,3-Trichlorobenzene	13.670	180	536515	51.633	ug/l	98

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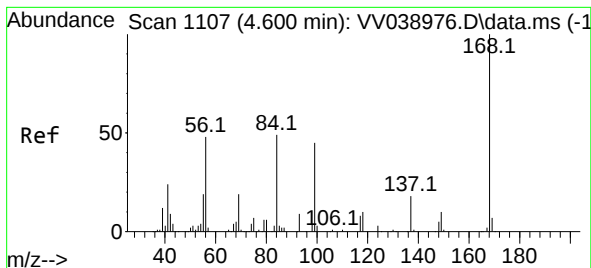
Manual Integrations
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Supervised By :Mahesh Dadoda 08/25/2025

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
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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

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MS

Tgt Ion:168 Resp: 52836

Ion Ratio Lower Upper

168 100

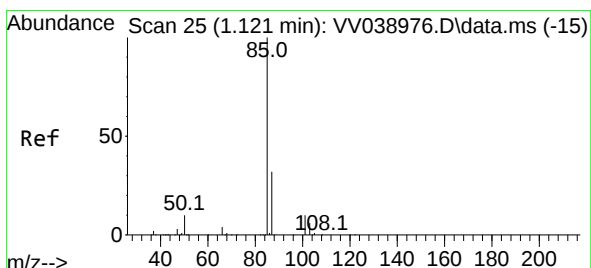
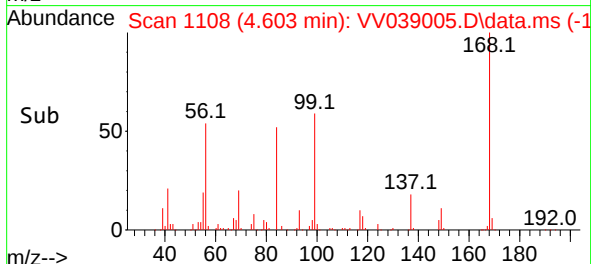
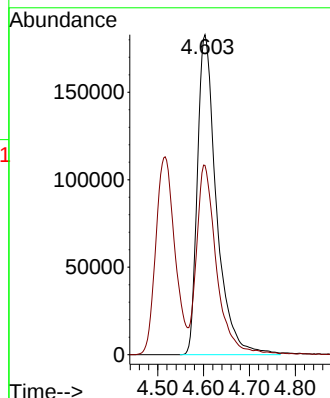
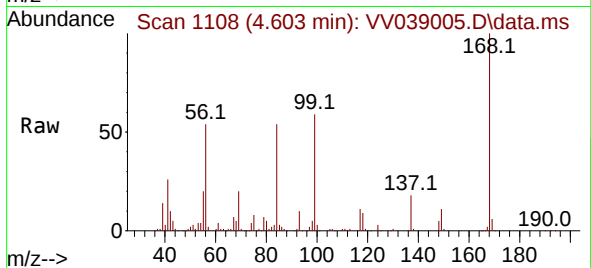
99 58.8 47.0 70.6

Manual Integrations

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Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#2

Dichlorodifluoromethane

Concen: 38.422 ug/l

RT: 1.118 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV039005.D

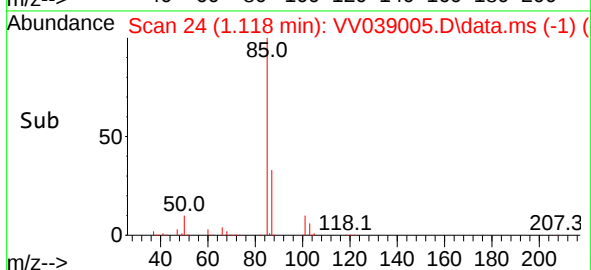
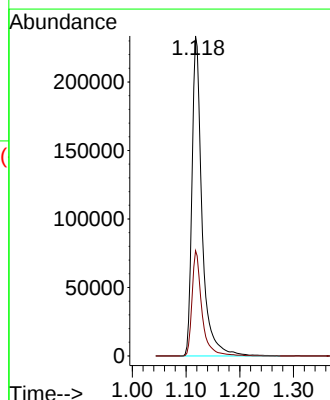
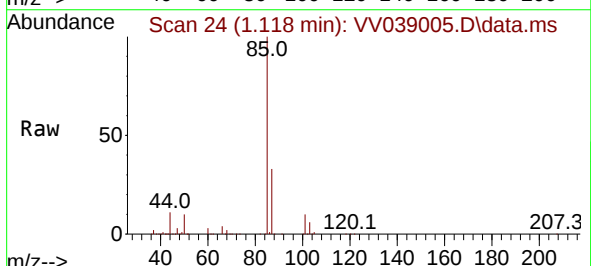
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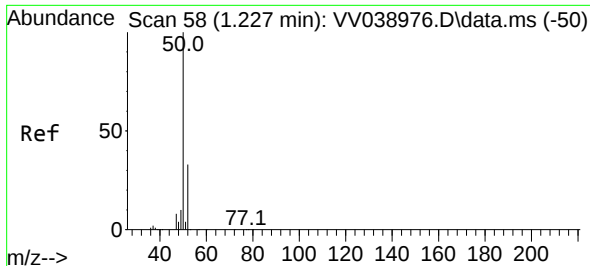
Tgt Ion: 85 Resp: 303471

Ion Ratio Lower Upper

85 100

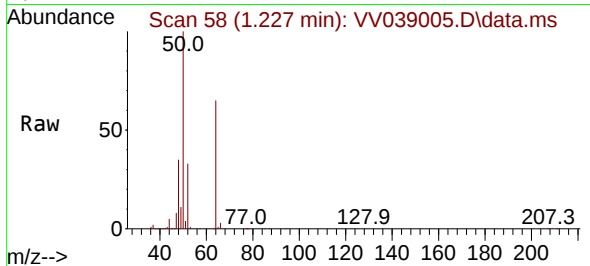
87 32.9 15.8 47.3





#3
Chloromethane
Concen: 32.399 ug/l
RT: 1.227 min Scan# 58
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

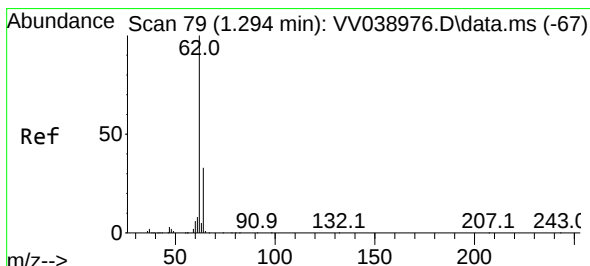
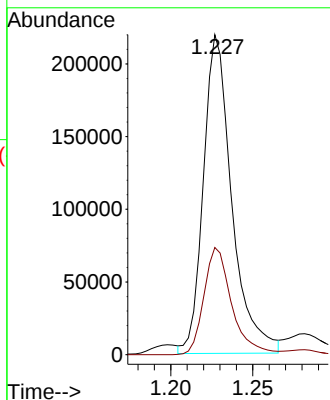
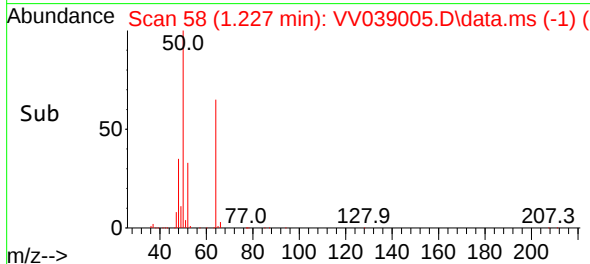
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 264332
Ion Ratio Lower Upper
50 100
52 34.3 26.2 39.2

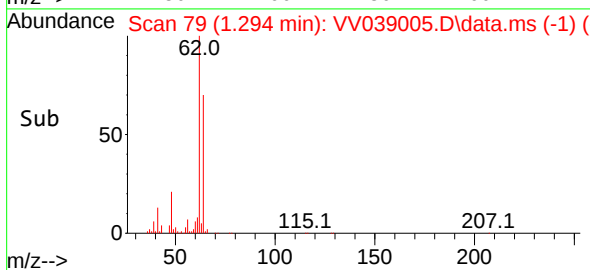
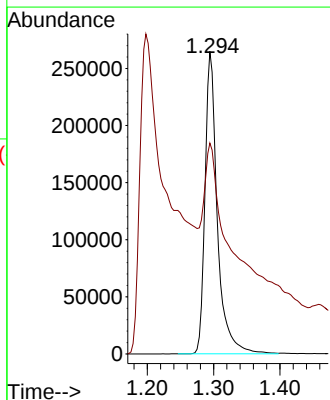
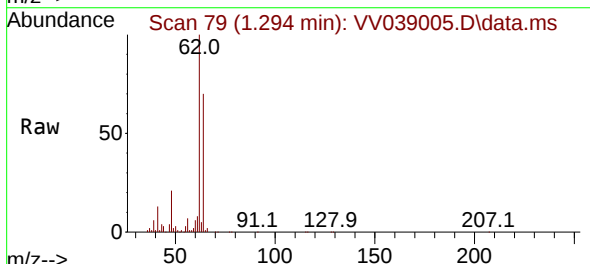
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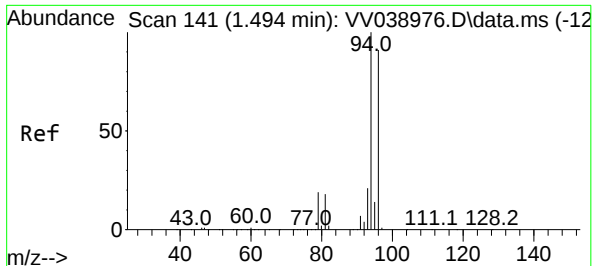
Reviewed By :John Carlone 08/22/2025
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#4
Vinyl Chloride
Concen: 39.689 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

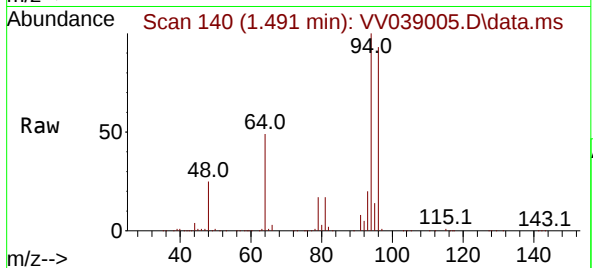
Tgt Ion: 62 Resp: 341661
Ion Ratio Lower Upper
62 100
64 47.0 26.4 39.6





#5
Bromomethane
Concen: 24.910 ug/l
RT: 1.491 min Scan# 141
Delta R.T. -0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

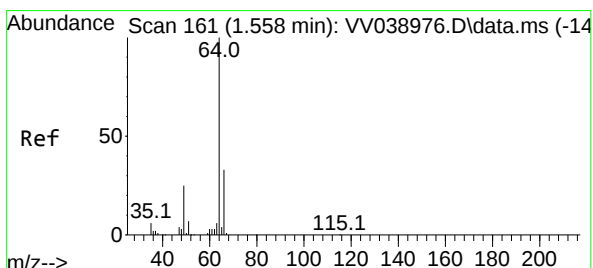
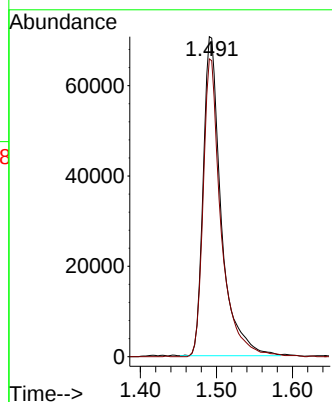
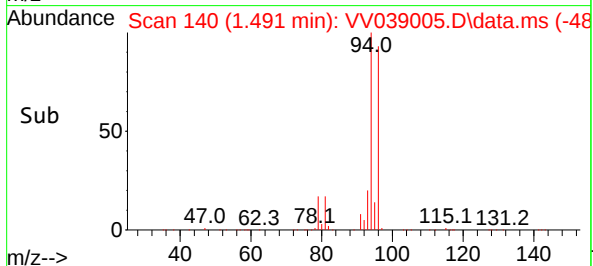
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Tgt Ion: 94 Resp: 11589
Ion Ratio Lower Upper
94 100
96 93.3 73.1 109.7

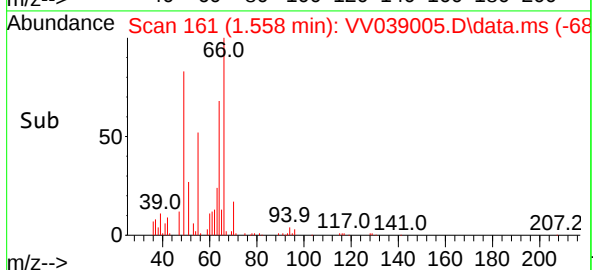
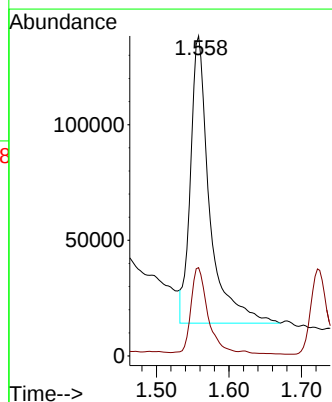
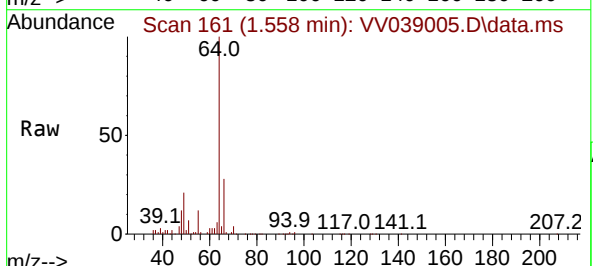
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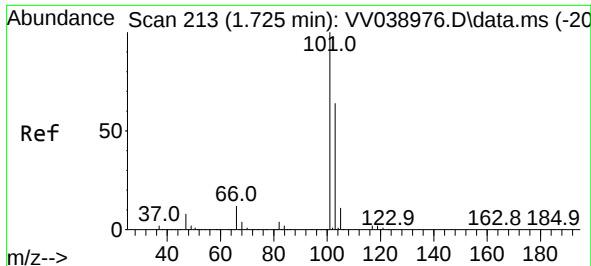
Reviewed By :John Carlone 08/22/2025
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#6
Chloroethane
Concen: 51.967 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

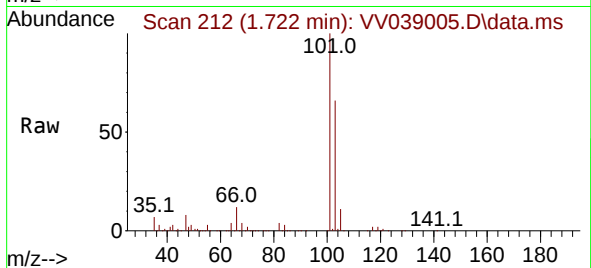
Tgt Ion: 64 Resp: 227959
Ion Ratio Lower Upper
64 100
66 30.0 26.8 40.2





#7
 Trichlorofluoromethane
 Concen: 45.705 ug/l
 RT: 1.722 min Scan# 213
 Delta R.T. -0.003 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

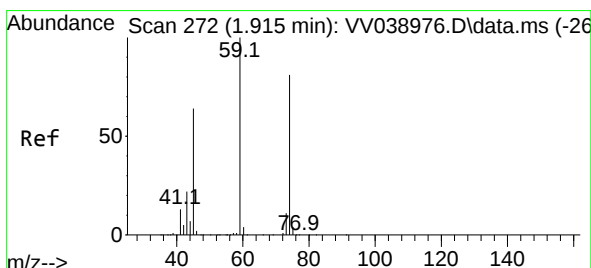
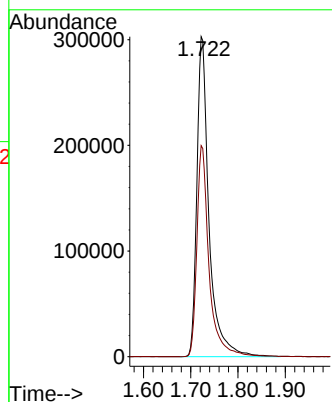
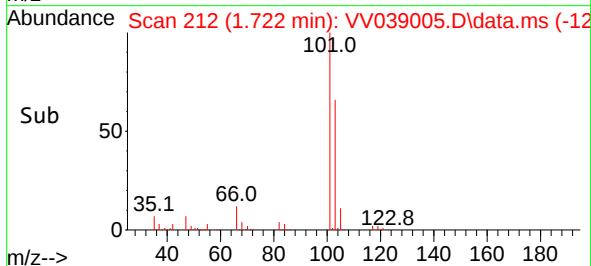
Instrument :
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Tgt Ion:101 Resp: 53900
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.4 77.2

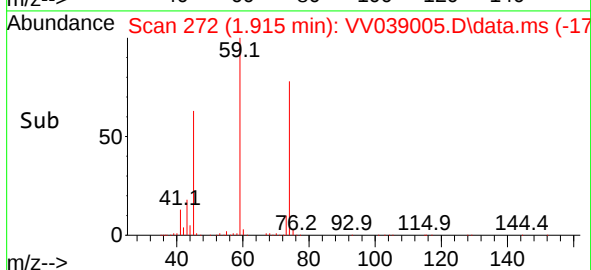
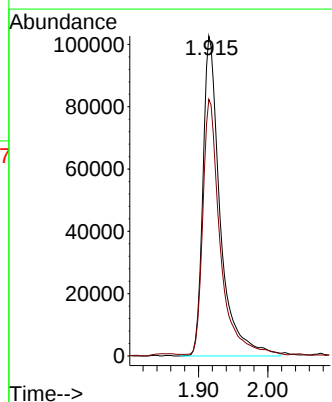
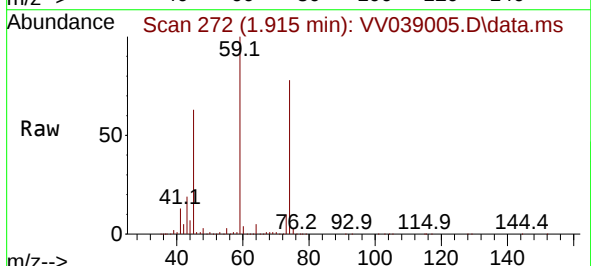
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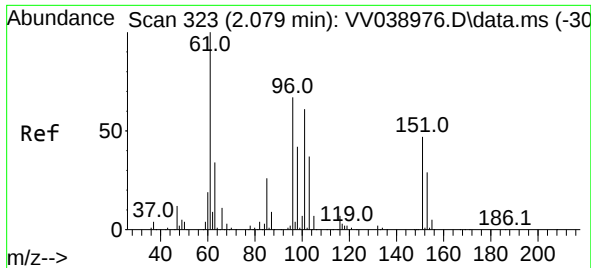
Reviewed By :John Carlone 08/22/2025
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#8
 Diethyl Ether
 Concen: 49.068 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. -0.000 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

Tgt Ion: 74 Resp: 177950
 Ion Ratio Lower Upper
 74 100
 45 79.9 39.8 119.4





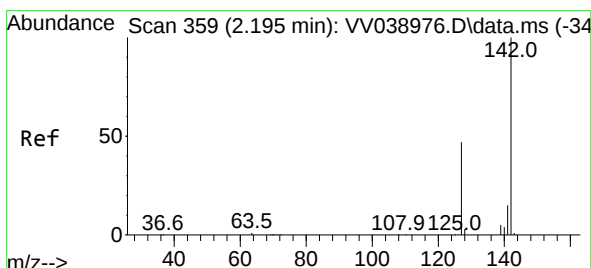
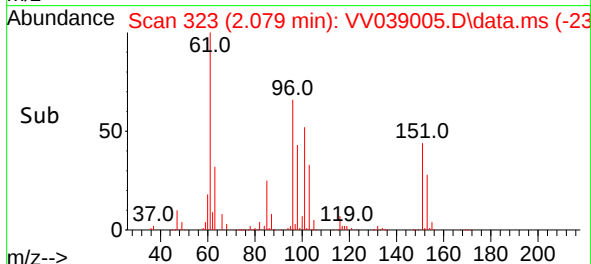
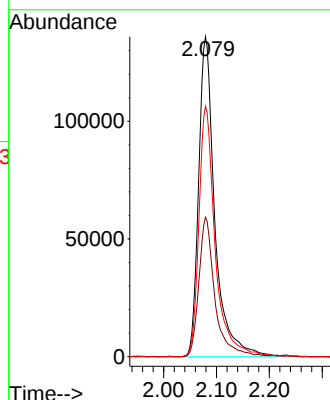
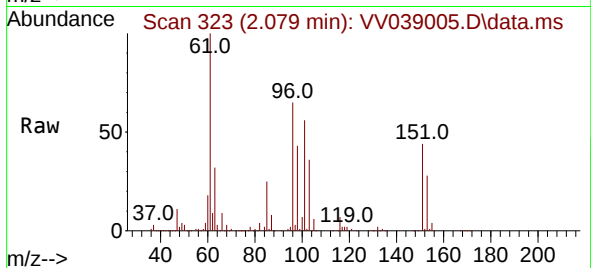
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.567 ug/l
RT: 2.079 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS

Tgt Ion:101 Resp: 290114
Ion Ratio Lower Upper
101 100
85 42.9 34.6 51.8
151 78.5 62.1 93.1

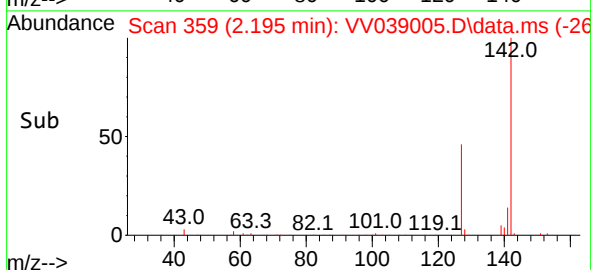
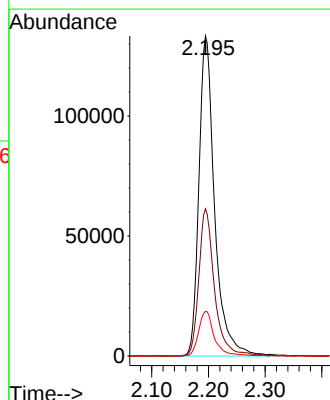
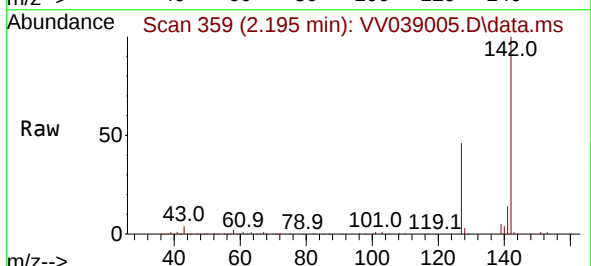
Manual Integrations
APPROVED

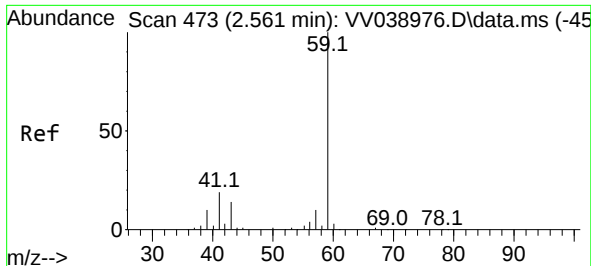
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#10
Methyl Iodide
Concen: 31.755 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

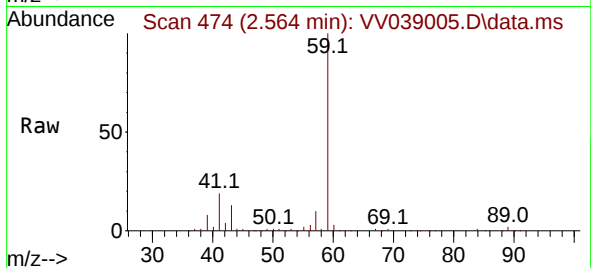
Tgt Ion:142 Resp: 257181
Ion Ratio Lower Upper
142 100
127 45.3 38.6 57.8
141 13.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 293.688 ug/l
RT: 2.564 min Scan# 473
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

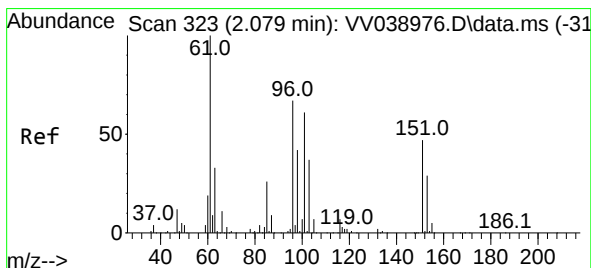
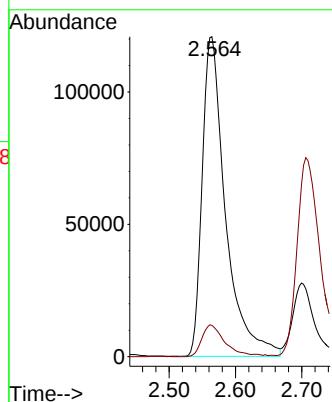
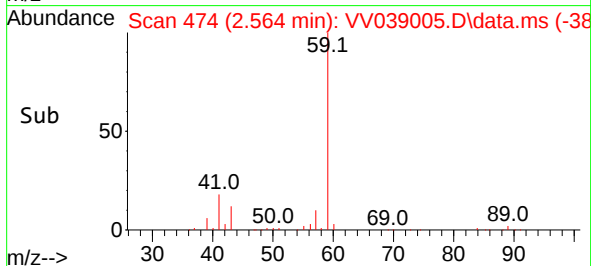
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



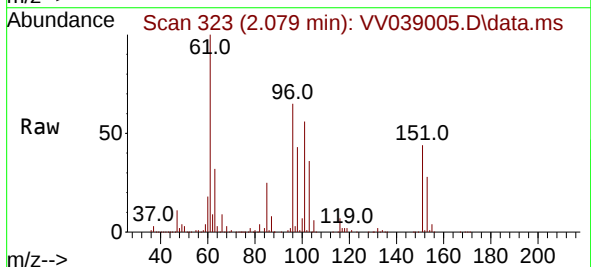
Tgt Ion: 59 Resp: 294699
Ion Ratio Lower Upper
59 100
57 9.7 8.1 12.1

Manual Integrations
APPROVED

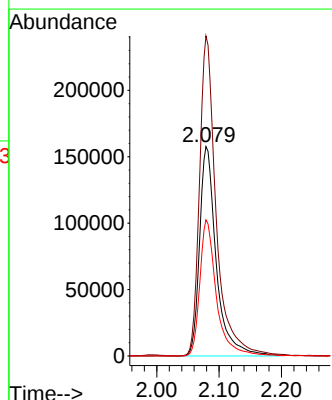
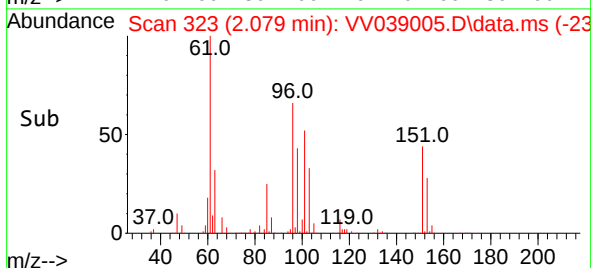
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

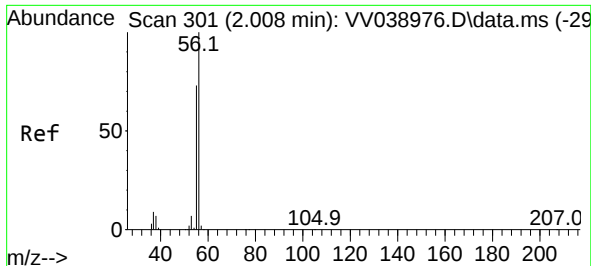


#12
1,1-Dichloroethene
Concen: 49.193 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20



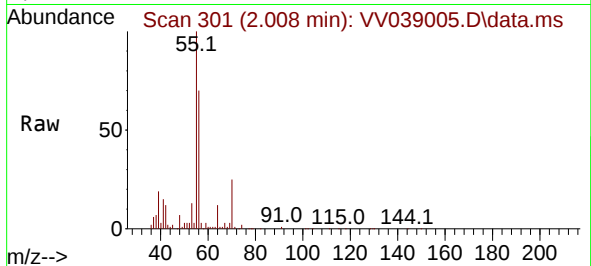
Tgt Ion: 96 Resp: 294988
Ion Ratio Lower Upper
96 100
61 152.7 119.8 179.8
98 65.0 50.2 75.2





#13
Acrolein
Concen: 244.385 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

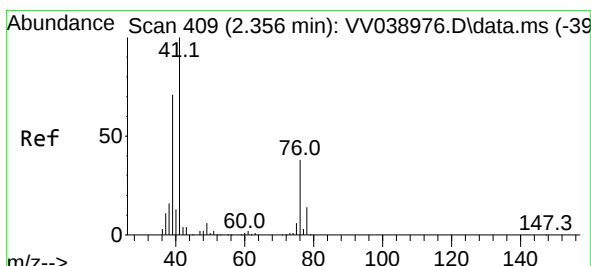
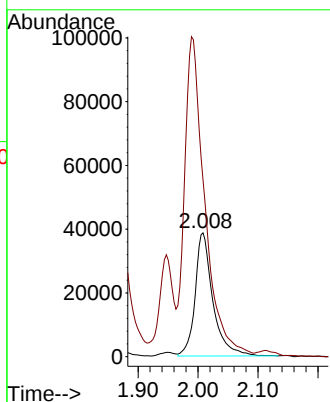
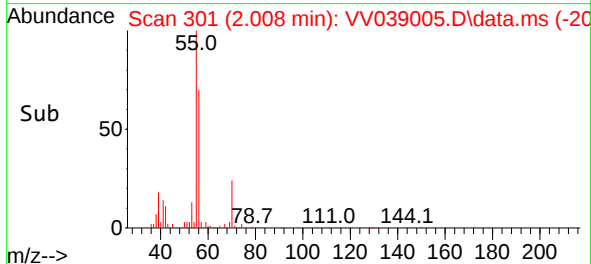
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



Tgt Ion: 56 Resp: 79580
Ion Ratio Lower Upper
56 100
55 285.5 58.8 88.2

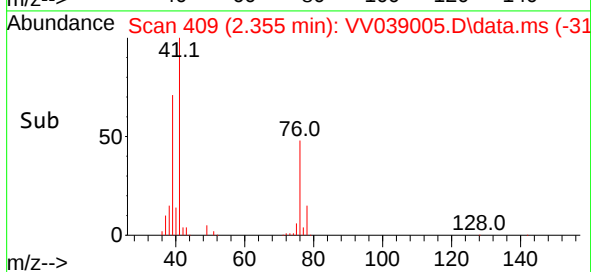
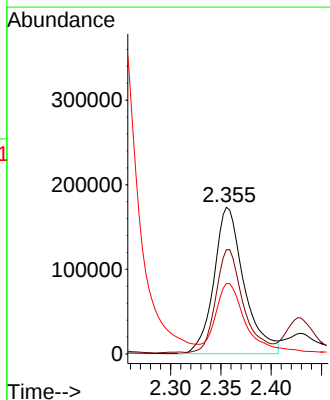
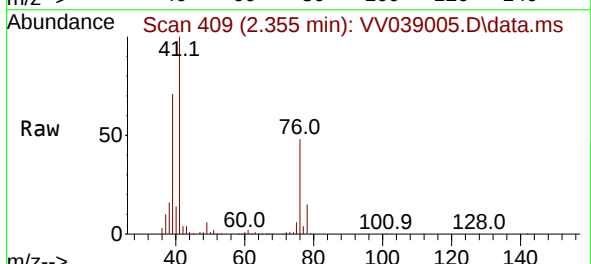
Manual Integrations
APPROVED

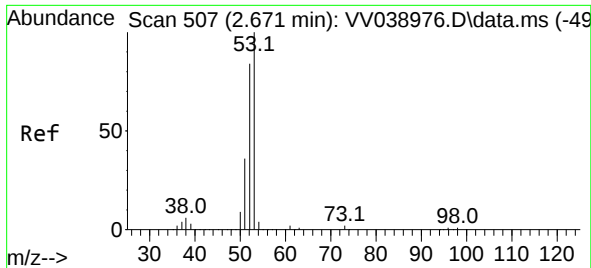
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#14
Allyl chloride
Concen: 44.987 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

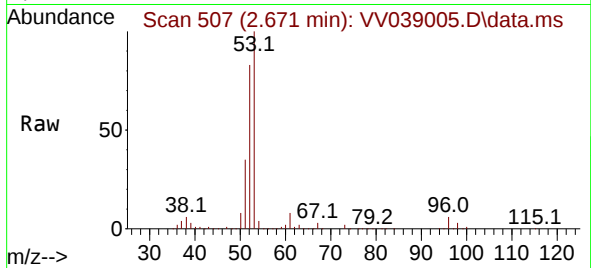
Tgt Ion: 41 Resp: 360185
Ion Ratio Lower Upper
41 100
39 63.4 55.0 82.4
76 48.3 35.6 53.4





#15
Acrylonitrile
Concen: 245.927 ug/l
RT: 2.671 min Scan# 507
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

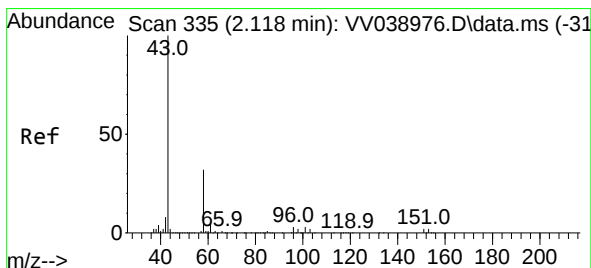
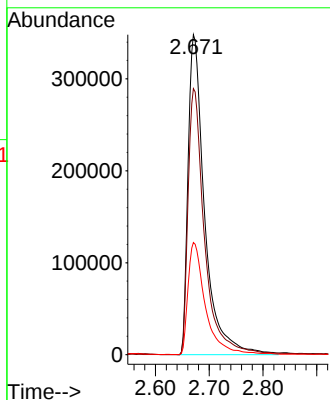
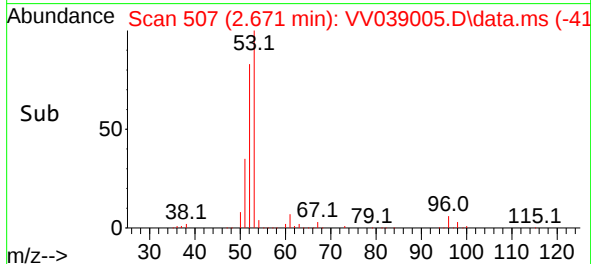
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



Tgt Ion: 53 Resp: 745772
Ion Ratio Lower Upper
53 100
52 82.3 66.2 99.4
51 36.9 28.5 42.7

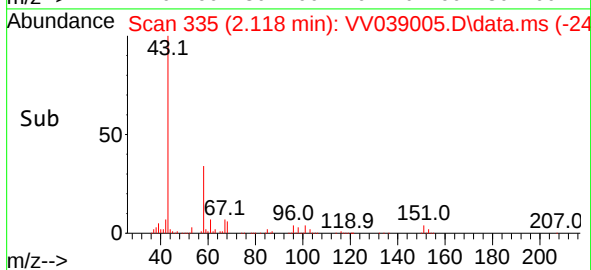
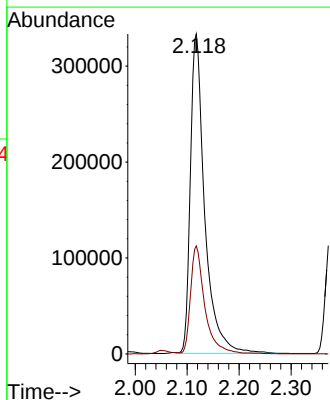
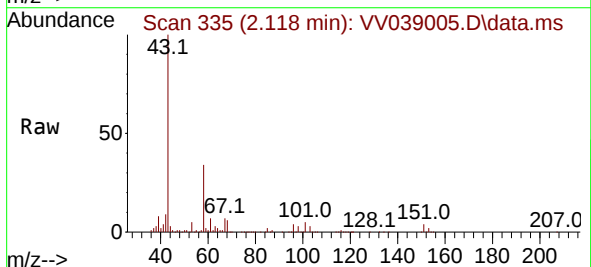
Manual Integrations
APPROVED

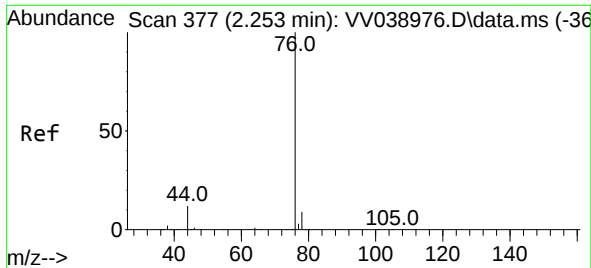
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#16
Acetone
Concen: 214.447 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

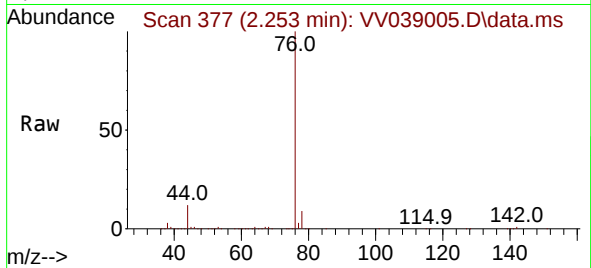
Tgt Ion: 43 Resp: 638108
Ion Ratio Lower Upper
43 100
58 33.8 26.3 39.5





#17
Carbon Disulfide
Concen: 47.504 ug/l
RT: 2.253 min Scan# 377
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

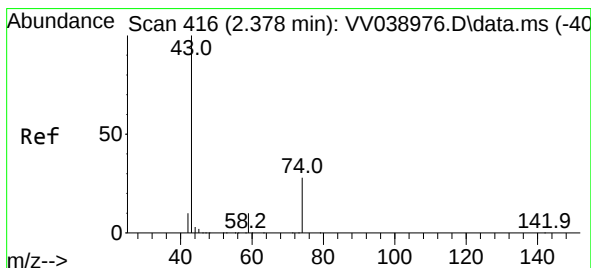
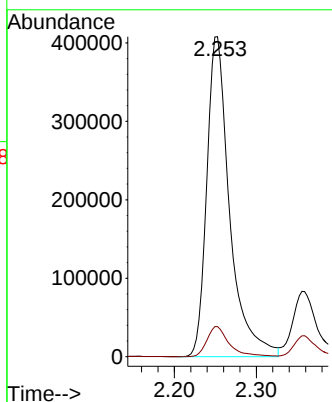
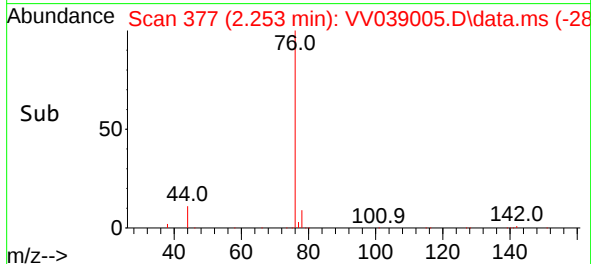
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



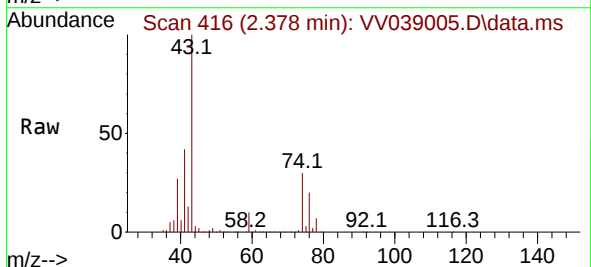
Tgt Ion: 76 Resp: 792300
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

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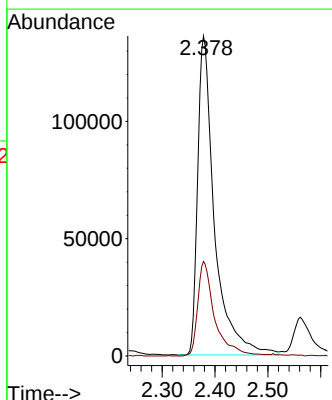
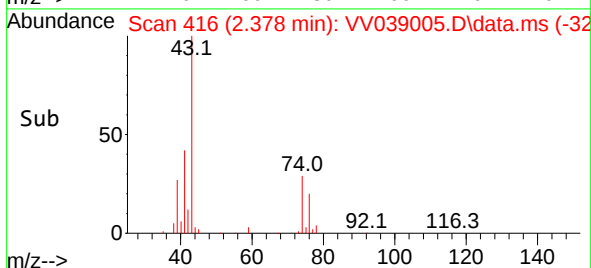
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

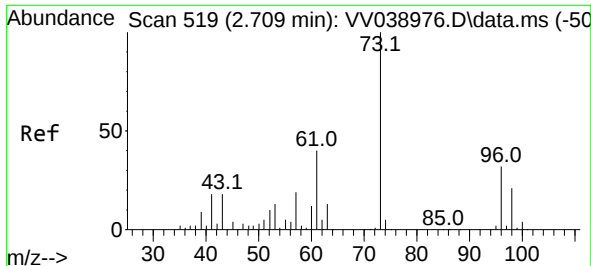


#18
Methyl Acetate
Concen: 47.675 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20



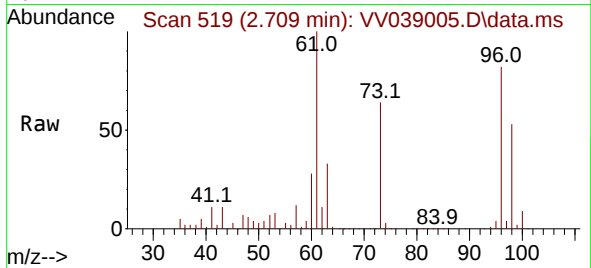
Tgt Ion: 43 Resp: 300683
Ion Ratio Lower Upper
43 100
74 29.8 23.5 35.3





#19
Methyl tert-butyl Ether
Concen: 55.357 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

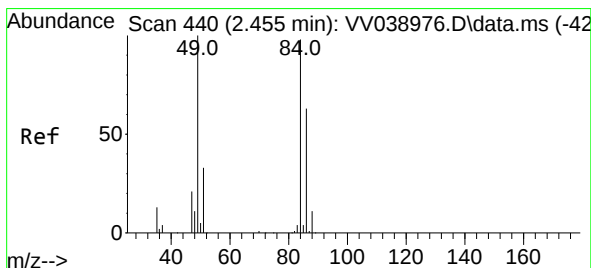
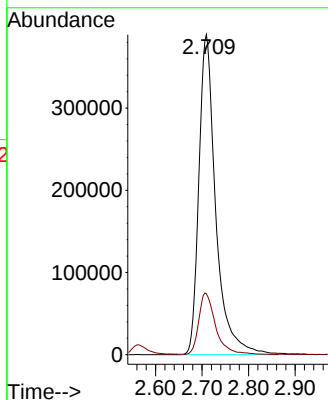
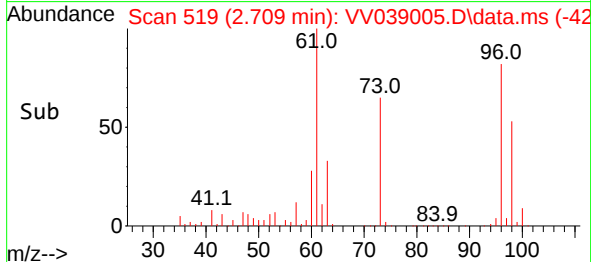
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



Tgt Ion: 73 Resp: 981544
Ion Ratio Lower Upper
73 100
57 18.9 15.7 23.5

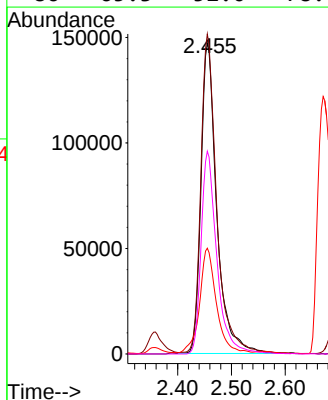
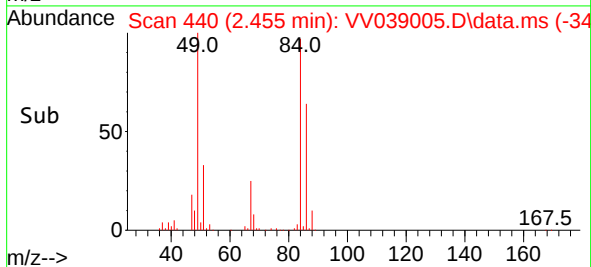
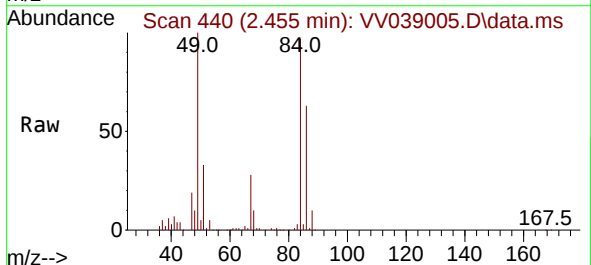
Manual Integrations
APPROVED

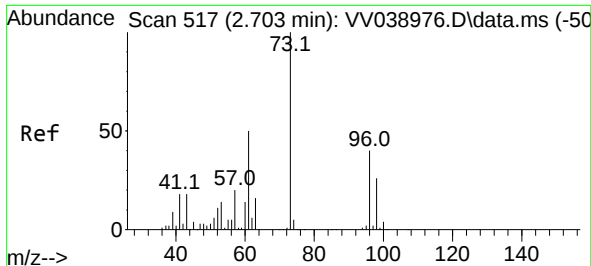
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#20
Methylene Chloride
Concen: 43.337 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

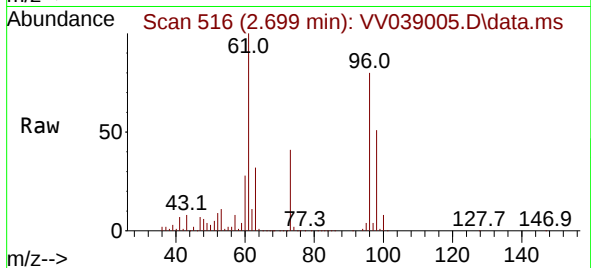
Tgt Ion: 84 Resp: 299675
Ion Ratio Lower Upper
84 100
49 102.7 81.9 122.9
51 33.7 26.9 40.3
86 65.3 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 218.019 ug/l
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

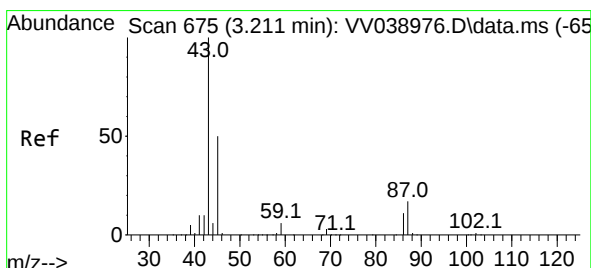
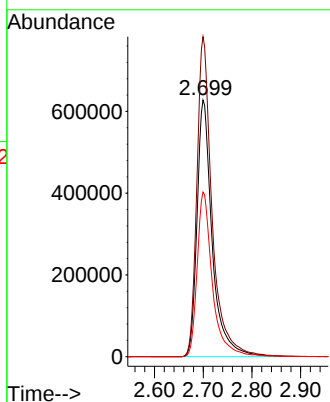
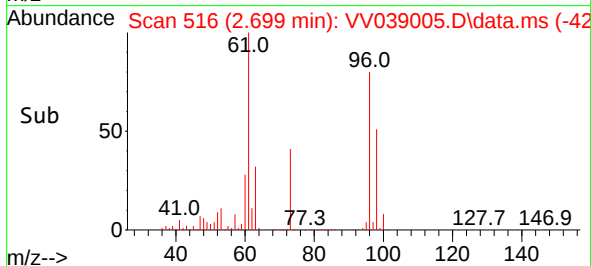
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



Tgt Ion: 96 Resp: 1361690
Ion Ratio Lower Upper
96 100
61 124.7 100.6 151.0
98 64.1 51.5 77.3

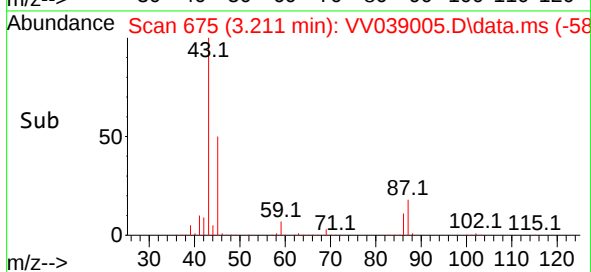
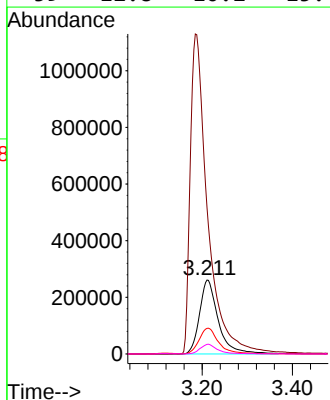
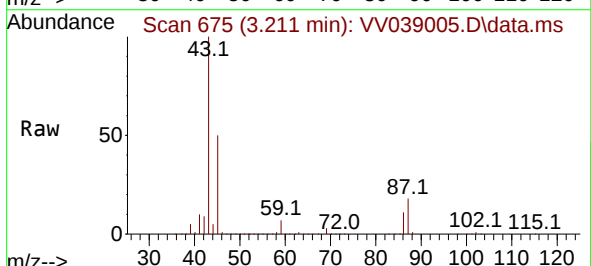
Manual Integrations
APPROVED

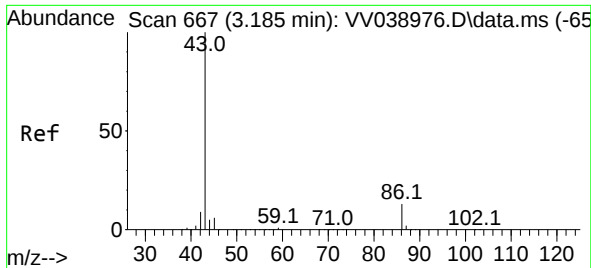
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#22
Diisopropyl ether
Concen: 42.887 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

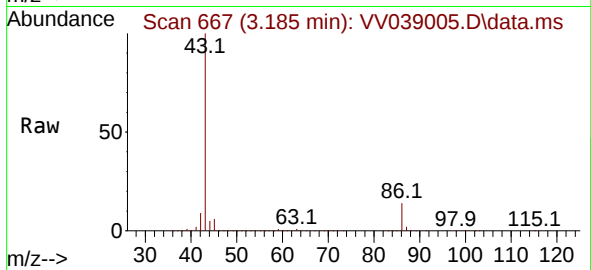
Tgt Ion: 45 Resp: 753895
Ion Ratio Lower Upper
45 100
43 198.2 159.4 239.0
87 34.4 27.5 41.3
59 12.8 10.2 15.4





#23
 Vinyl Acetate
 Concen: 214.166 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. -0.000 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

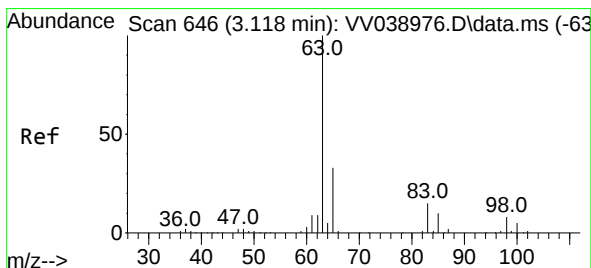
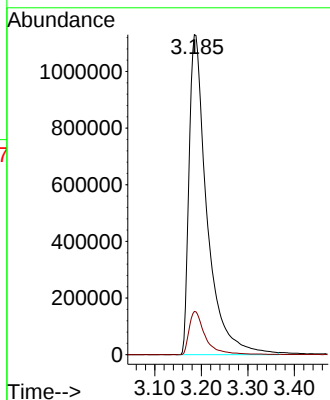
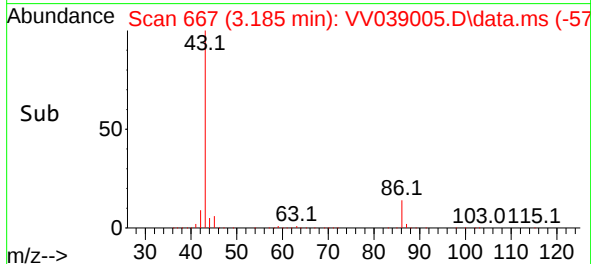
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-201-082025MS



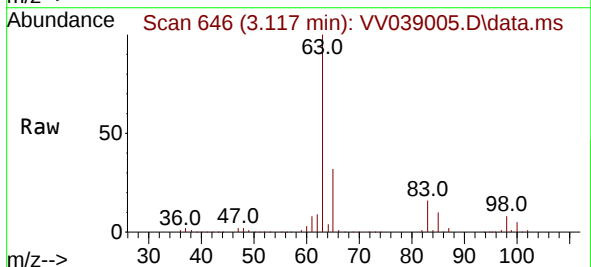
Tgt Ion: 43 Resp: 302080
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.7 16.1

Manual Integrations
 APPROVED

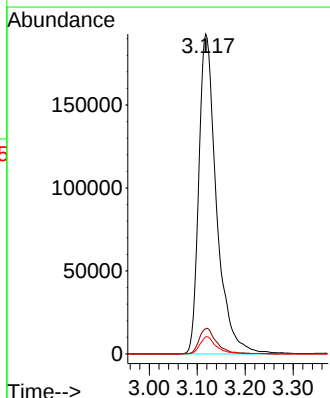
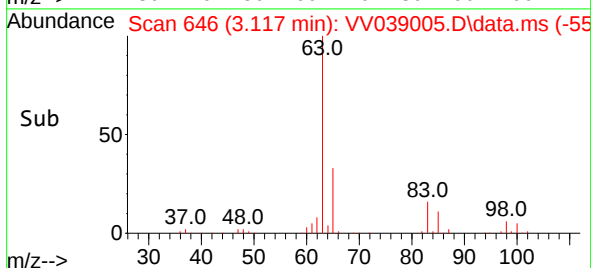
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

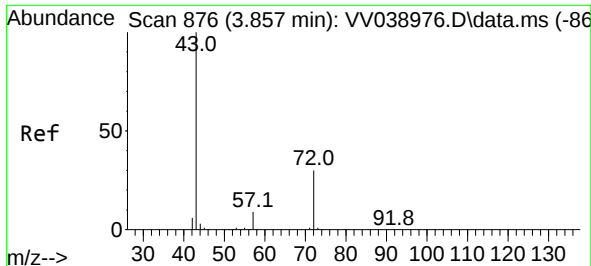


#24
 1,1-Dichloroethane
 Concen: 42.475 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20



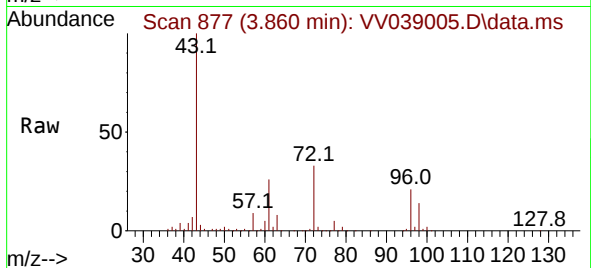
Tgt Ion: 63 Resp: 494589
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.3 12.8
 100 5.3 2.6 8.0





#25
2-Butanone
Concen: 230.095 ug/l
RT: 3.860 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

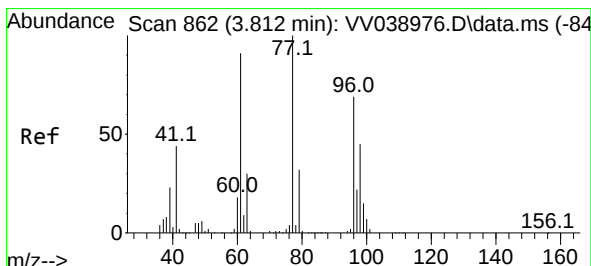
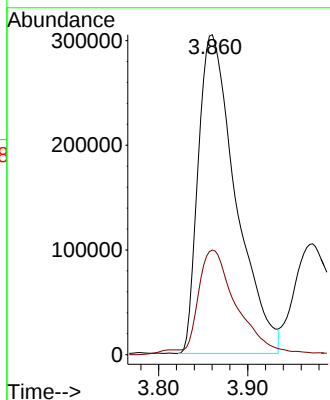
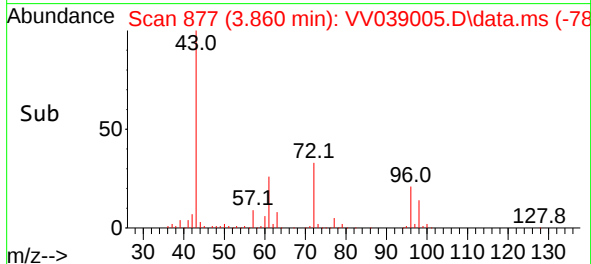
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



Tgt Ion: 43 Resp: 89082
Ion Ratio Lower Upper
43 100
72 31.3 23.9 35.9

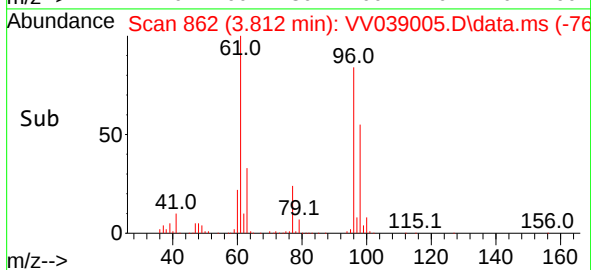
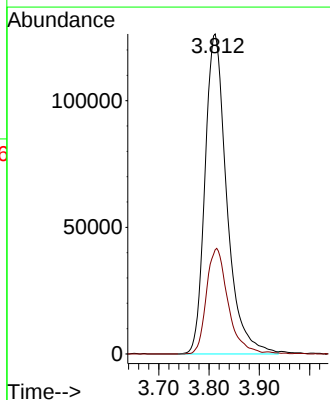
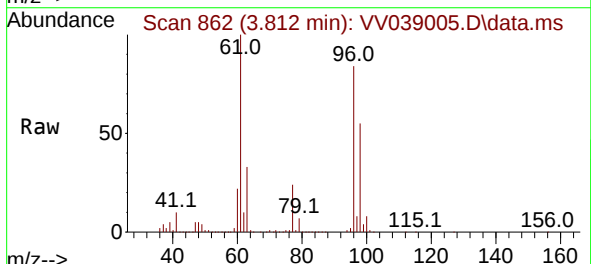
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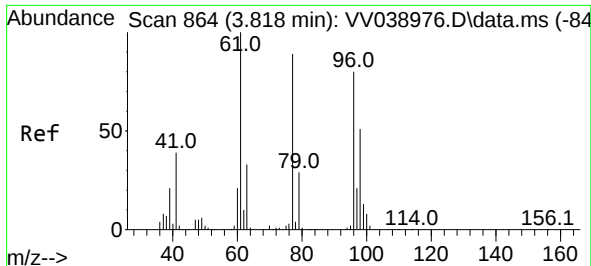
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#26
2,2-Dichloropropane
Concen: 34.126 ug/l
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

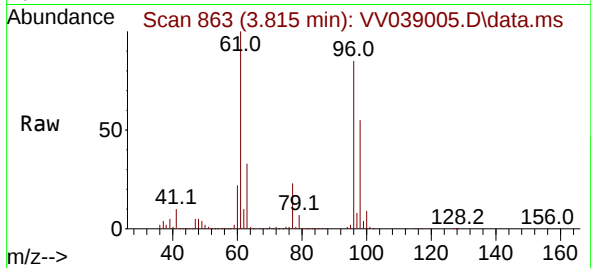
Tgt Ion: 77 Resp: 381196
Ion Ratio Lower Upper
77 100
97 32.6 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 168.804 ug/l
 RT: 3.815 min Scan# 863
 Delta R.T. -0.003 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

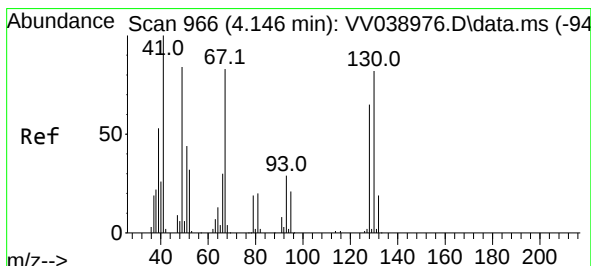
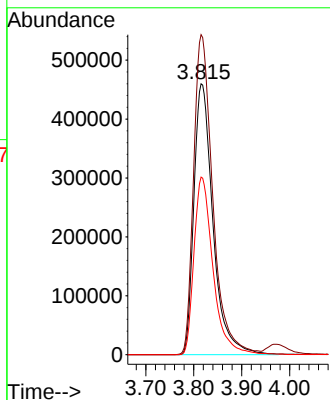
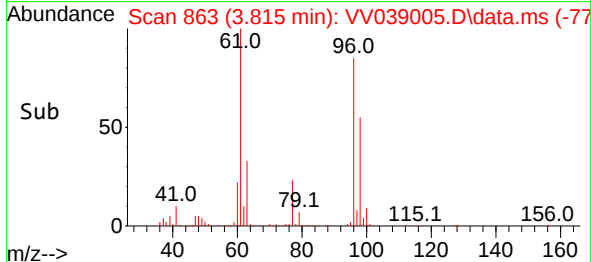
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-201-082025MS



Tgt Ion: 96 Resp: 127250
 Ion Ratio Lower Upper
 96 100
 61 118.8 0.0 264.4
 98 65.4 0.0 131.8

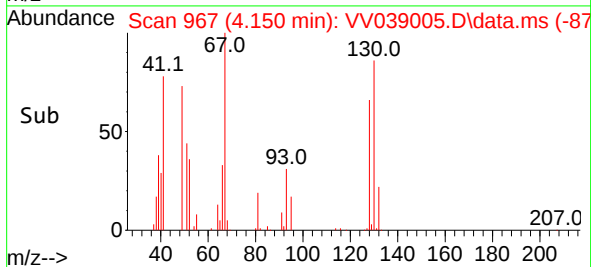
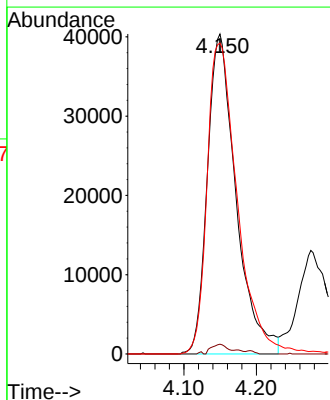
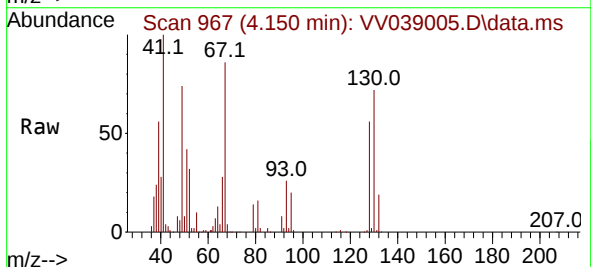
Manual Integrations
 APPROVED

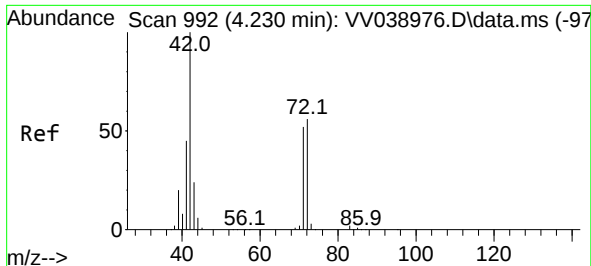
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#28
 Bromochloromethane
 Concen: 45.246 ug/l
 RT: 4.150 min Scan# 967
 Delta R.T. 0.004 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

Tgt Ion: 49 Resp: 110475
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.2
 130 102.6 78.2 117.2





#29

Tetrahydrofuran

Concen: 224.615 ug/l

RT: 4.230 min Scan# 992

Delta R.T. -0.000 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MS

Tgt Ion: 42 Resp: 58049

Ion Ratio Lower Upper

42 100

72 54.2 44.6 66.8

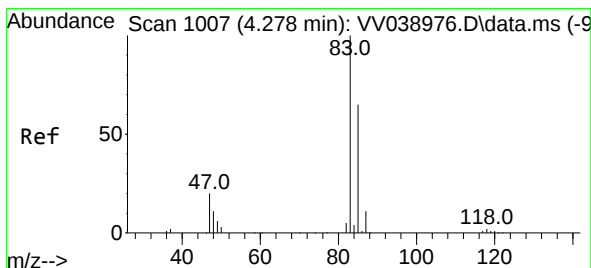
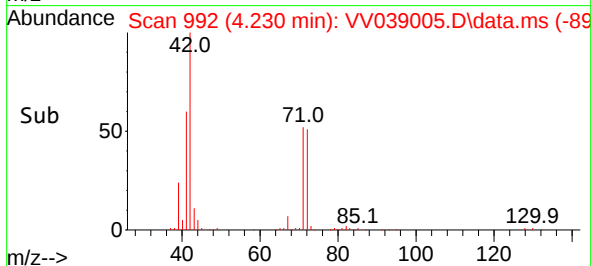
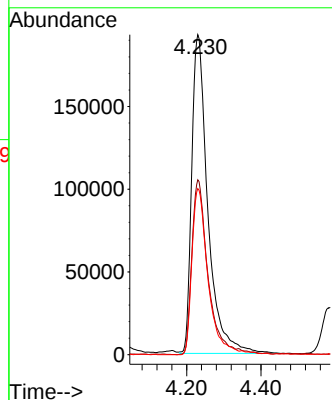
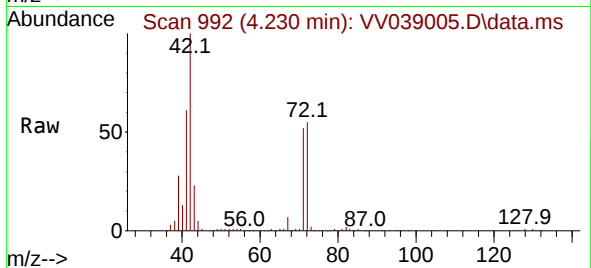
71 51.5 41.6 62.4

Manual Integrations

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Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#30

Chloroform

Concen: 41.840 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV039005.D

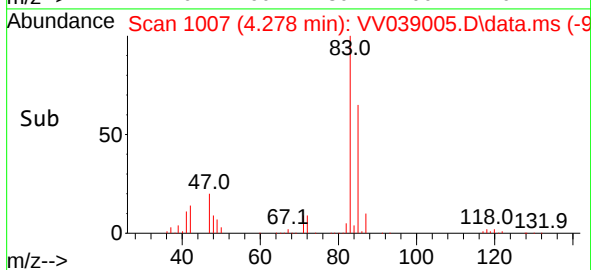
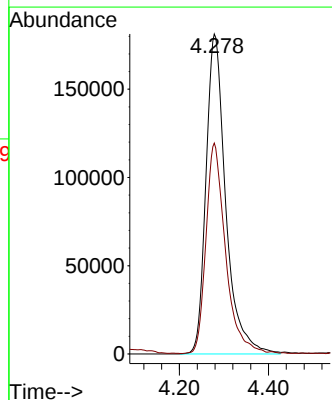
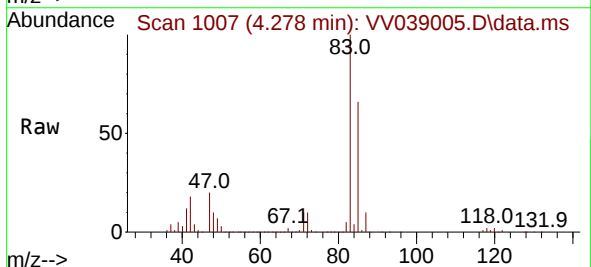
Acq: 22 Aug 2025 00:20

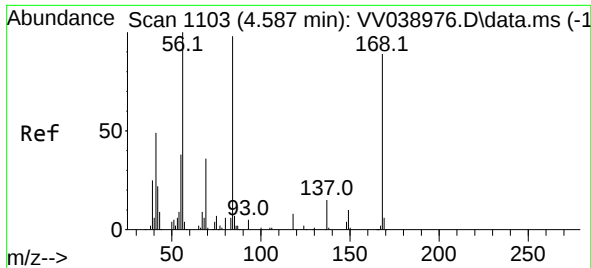
Tgt Ion: 83 Resp: 556744

Ion Ratio Lower Upper

83 100

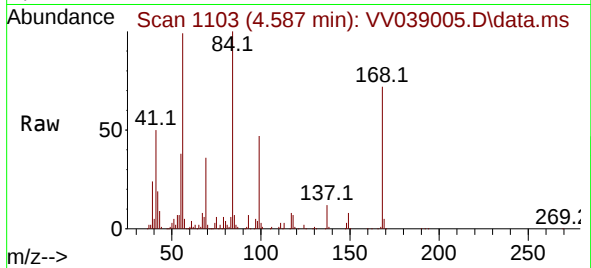
85 65.7 52.2 78.2





#31
Cyclohexane
Concen: 41.099 ug/l
RT: 4.587 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

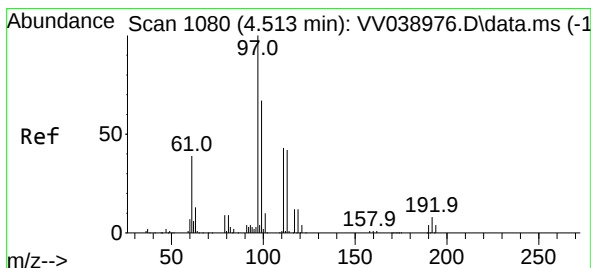
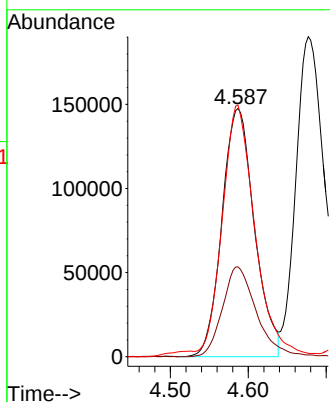
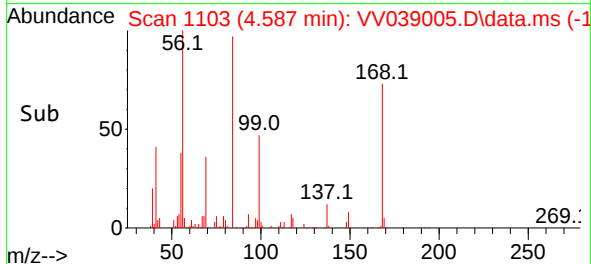
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



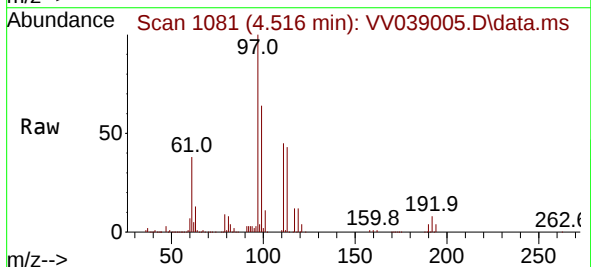
Tgt Ion: 56 Resp: 426988
Ion Ratio Lower Upper
56 100
69 36.2 28.6 42.8
84 99.3 78.1 117.1

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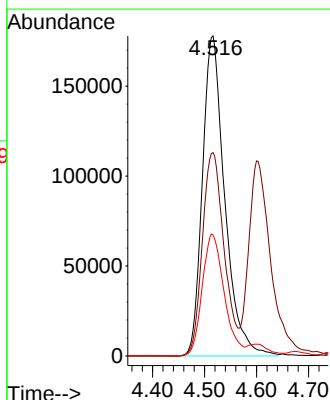
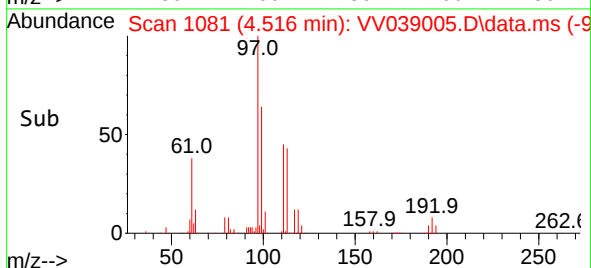
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

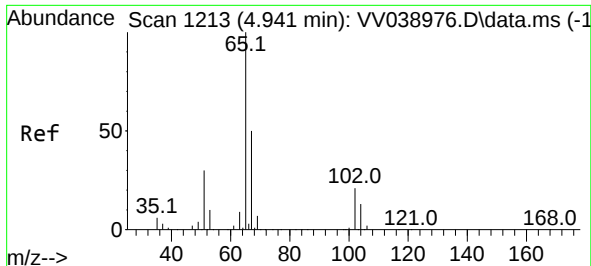


#32
1,1,1-Trichloroethane
Concen: 42.493 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20



Tgt Ion: 97 Resp: 531225
Ion Ratio Lower Upper
97 100
99 61.5 49.5 74.3
61 37.4 30.9 46.3





#33

1,2-Dichloroethane-d4

Concen: 50.408 ug/l

RT: 4.950 min Scan# 1213

Delta R.T. 0.010 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MS

Tgt Ion: 65 Resp: 373710

Ion Ratio Lower Upper

65 100

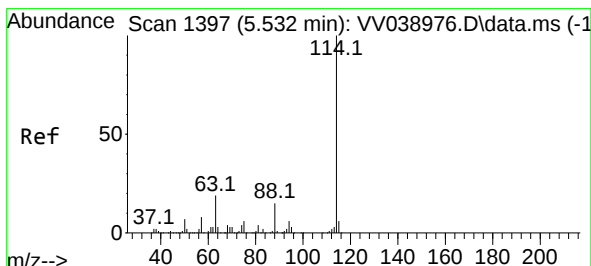
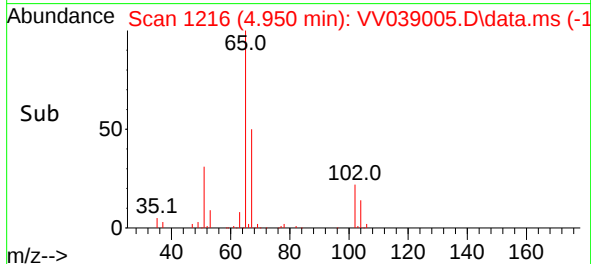
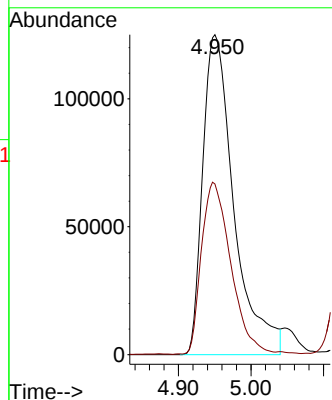
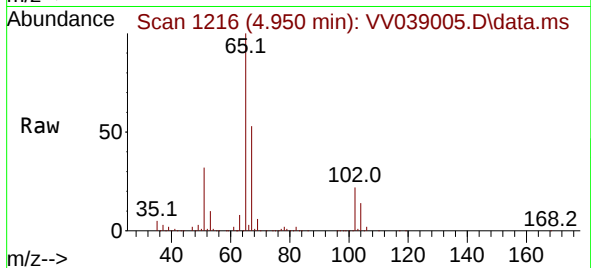
67 50.6 0.0 100.4

Manual Integrations

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Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

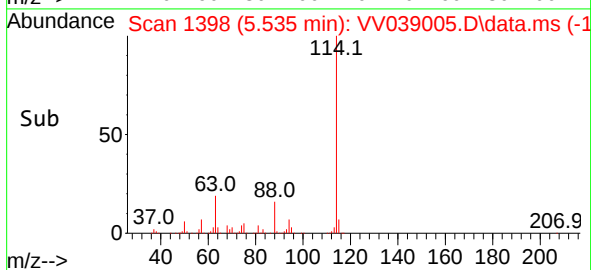
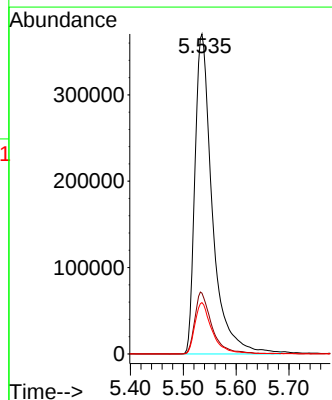
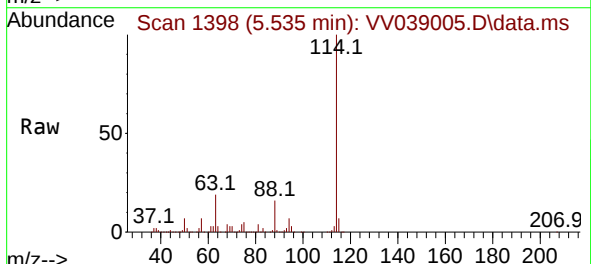
Tgt Ion:114 Resp: 848358

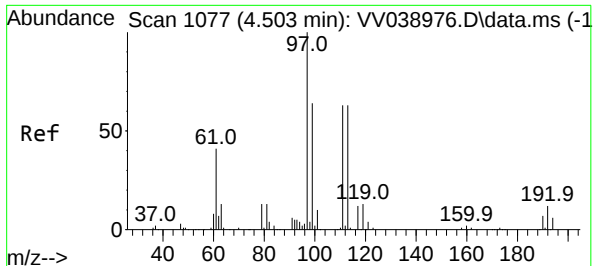
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 16.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 44.365 ug/l

RT: 4.500 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV039005.D

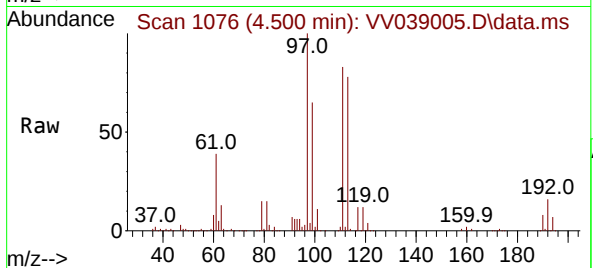
Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MS



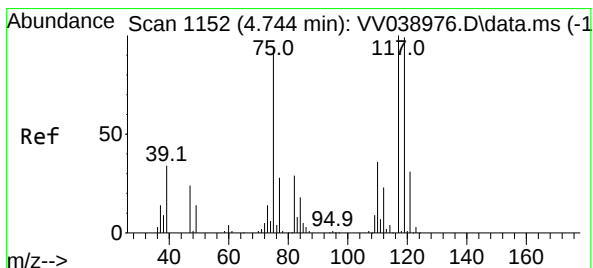
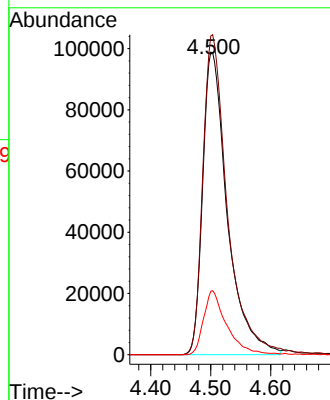
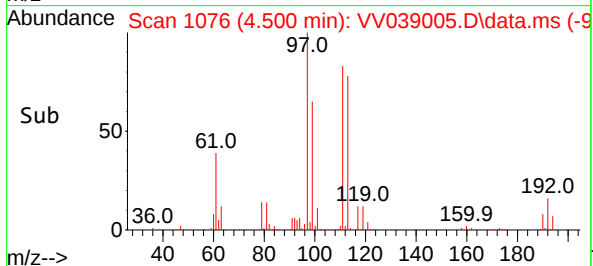
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.3	121.9
192	19.7	15.4	23.0

Manual Integrations

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Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#36

1,1-Dichloropropene

Concen: 44.124 ug/l

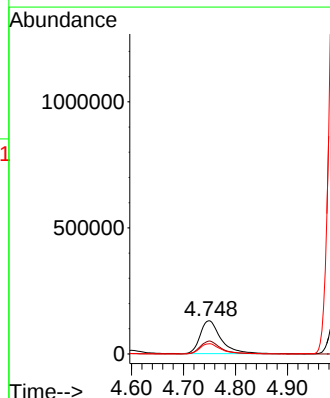
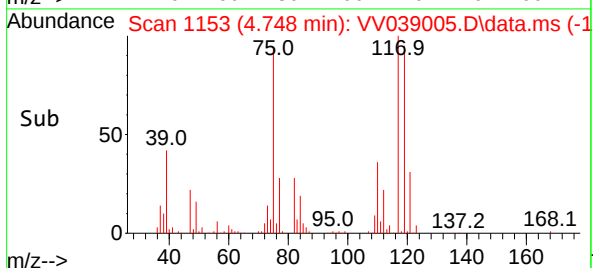
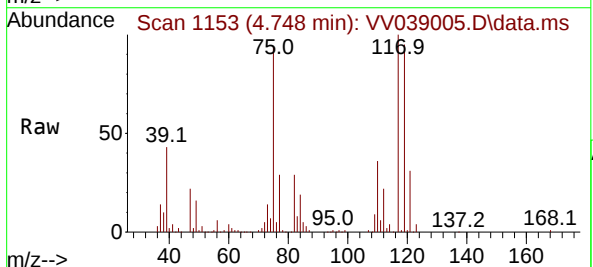
RT: 4.748 min Scan# 1153

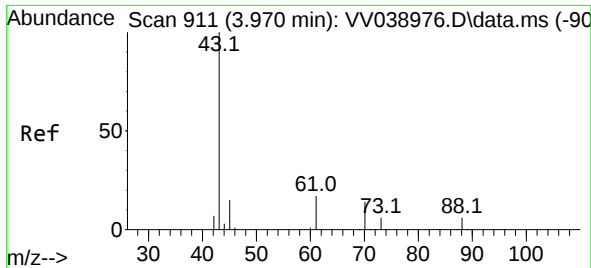
Delta R.T. 0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

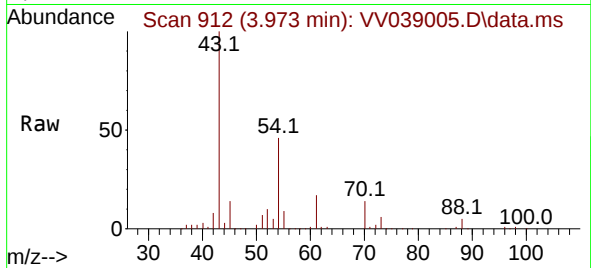
Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.4	19.6	58.7
77	0.0	24.4	36.6





#37
Ethyl Acetate
Concen: 42.179 ug/l
RT: 3.973 min Scan# 911
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

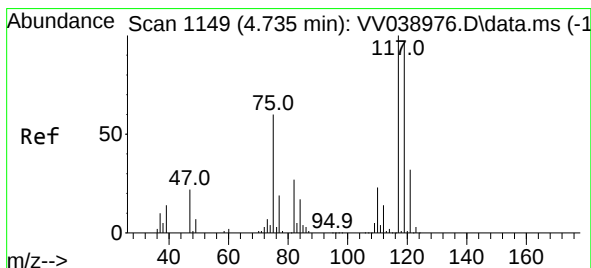
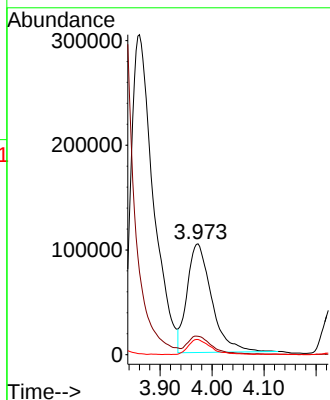
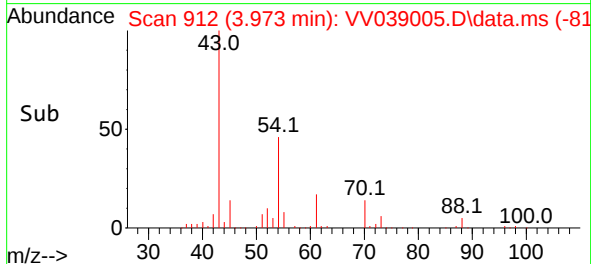
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



Tgt Ion: 43 Resp: 340498
Ion Ratio Lower Upper
43 100
61 16.0 12.6 19.0
70 12.6 10.2 15.4

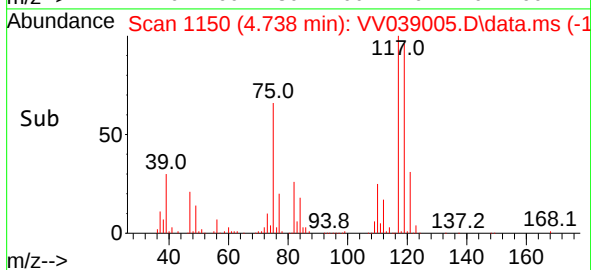
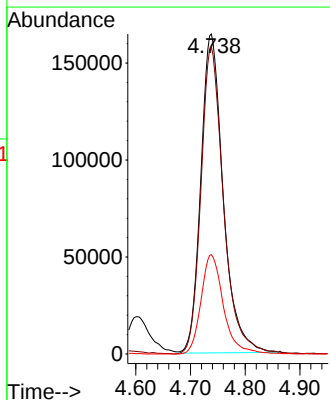
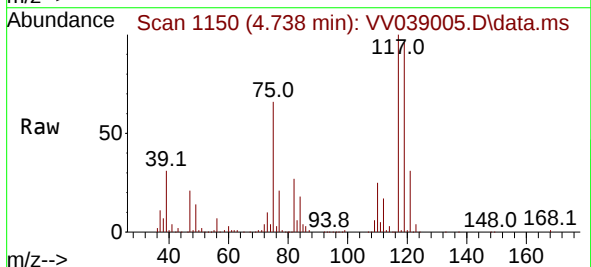
Manual Integrations
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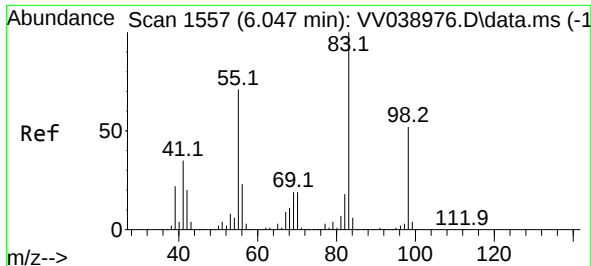
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#38
Carbon Tetrachloride
Concen: 42.166 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

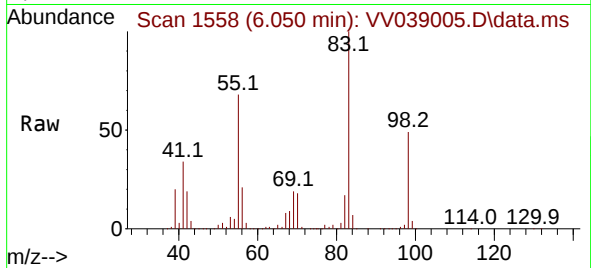
Tgt Ion:117 Resp: 466553
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7
121 31.2 25.4 38.2





#39
Methylcyclohexane
Concen: 45.158 ug/l
RT: 6.050 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

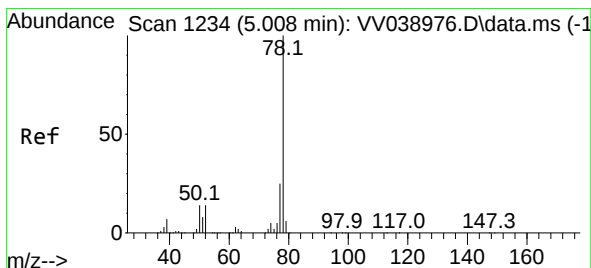
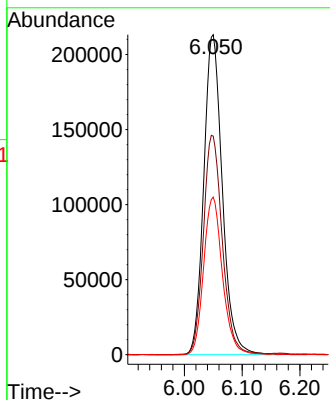
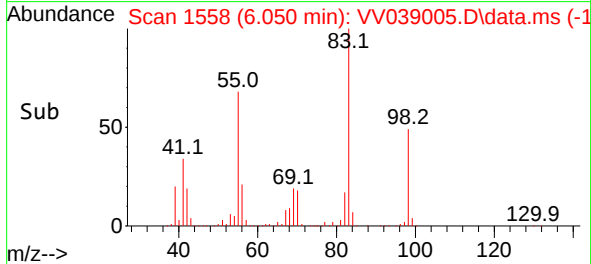
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



Tgt Ion: 83 Resp: 47675
Ion Ratio Lower Upper
83 100
55 68.2 57.0 85.6
98 49.3 41.3 61.9

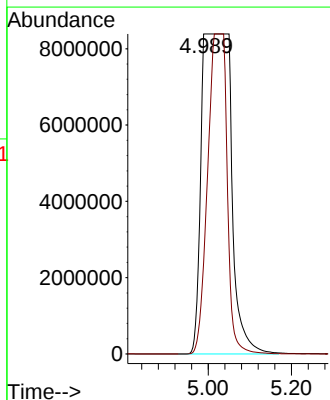
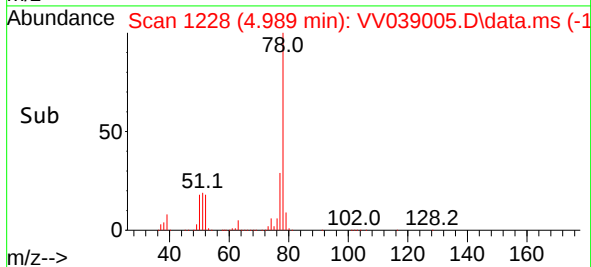
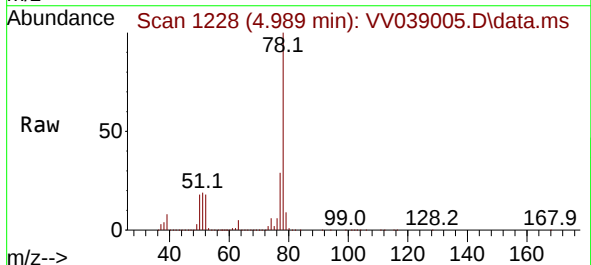
Manual Integrations
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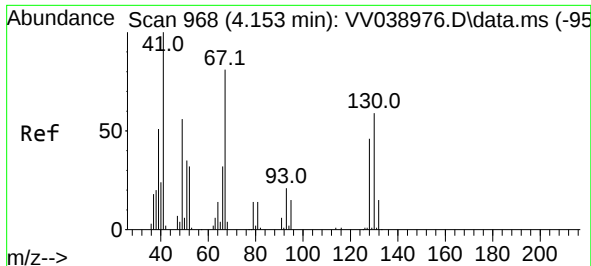
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#40
Benzene
Concen: 1620.268 ug/l m
RT: 4.989 min Scan# 1228
Delta R.T. -0.019 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

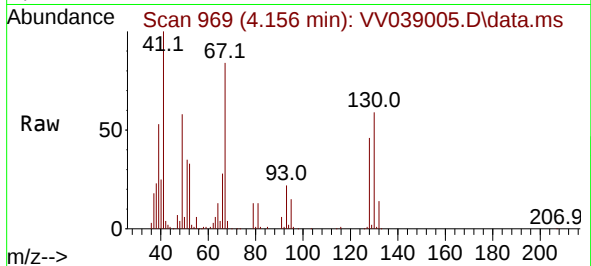
Tgt Ion: 78 Resp:41930506
Ion Ratio Lower Upper
78 100
77 28.6 19.6 29.4





#41
Methacrylonitrile
Concen: 52.193 ug/l
RT: 4.156 min Scan# 969
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

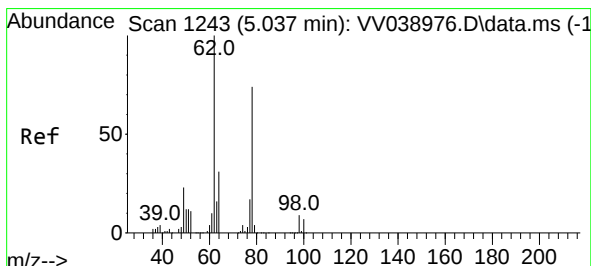
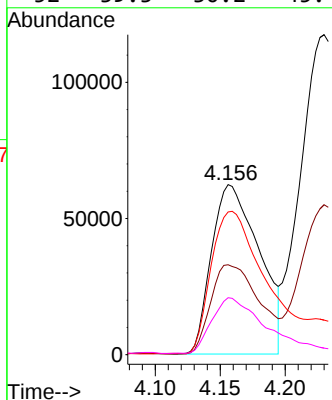
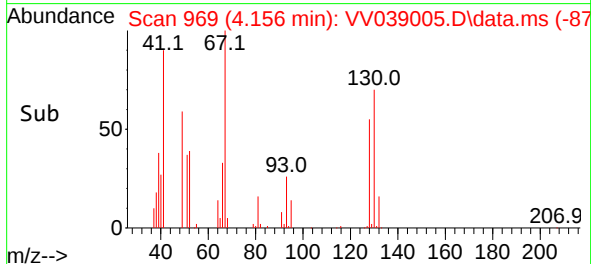
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



Tgt Ion: 41 Resp: 15876
Ion Ratio Lower Upper
41 100
39 53.8 45.5 68.3
67 97.9 83.5 125.3
52 39.3 30.2 45.4

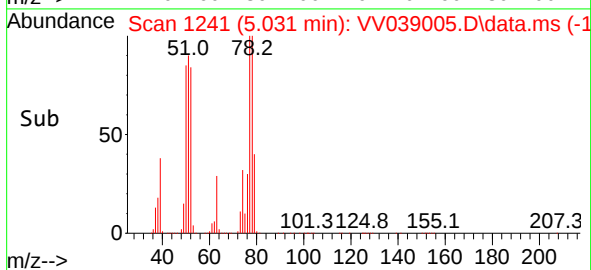
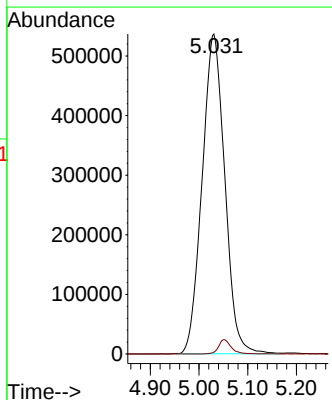
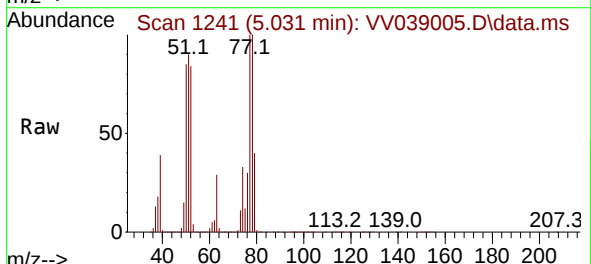
Manual Integrations
APPROVED

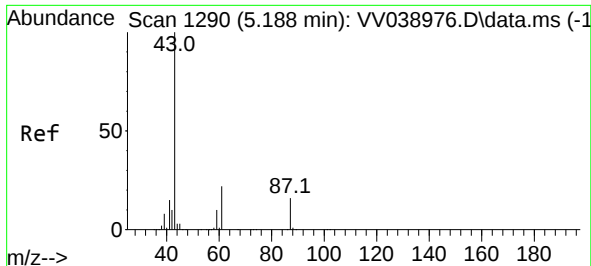
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#42
1,2-Dichloroethane
Concen: 183.424 ug/l
RT: 5.031 min Scan# 1241
Delta R.T. -0.007 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

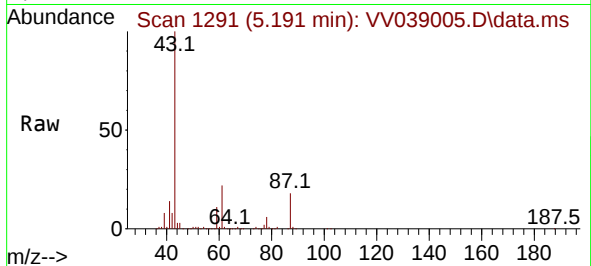
Tgt Ion: 62 Resp: 1735360
Ion Ratio Lower Upper
62 100
98 2.5 0.0 19.2





#43
Isopropyl Acetate
Concen: 43.173 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

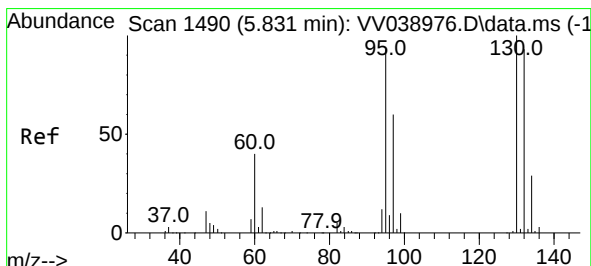
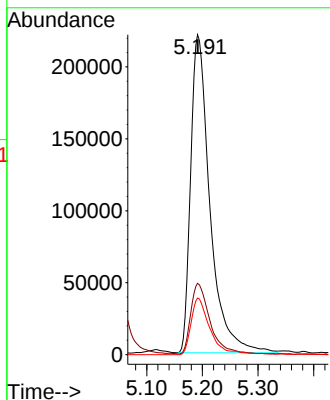
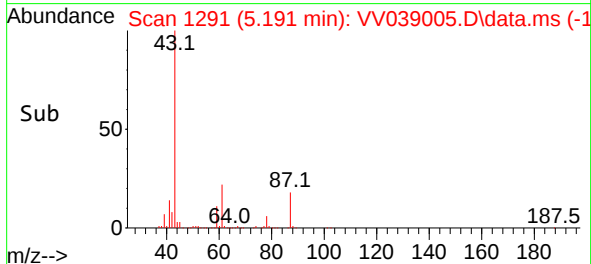
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



Tgt Ion: 43 Resp: 53178
Ion Ratio Lower Upper
43 100
61 21.9 17.4 26.2
87 17.3 13.3 19.9

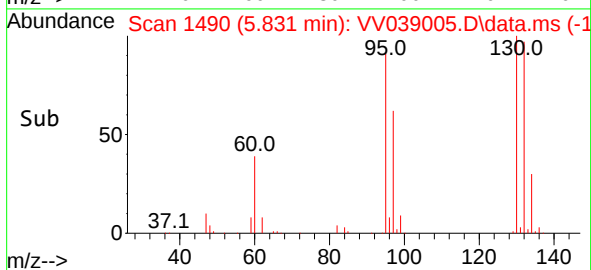
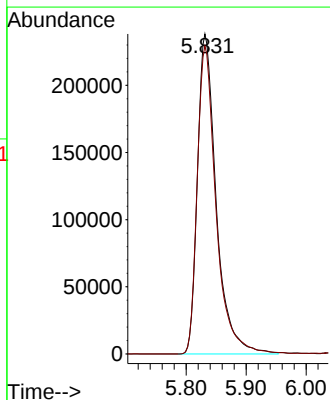
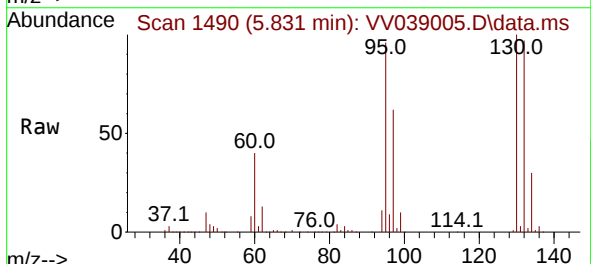
Manual Integrations
APPROVED

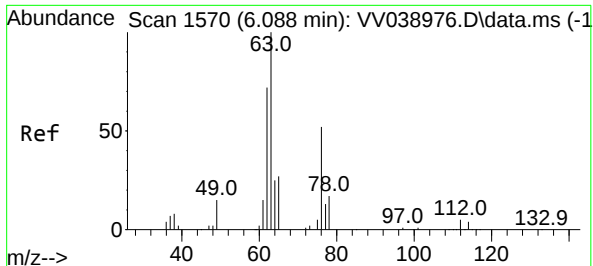
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#44
Trichloroethene
Concen: 73.970 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

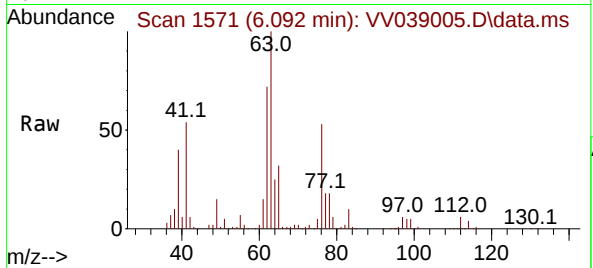
Tgt Ion:130 Resp: 519245
Ion Ratio Lower Upper
130 100
95 96.2 0.0 186.6





#45
1,2-Dichloropropane
Concen: 40.755 ug/l
RT: 6.092 min Scan# 1571
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

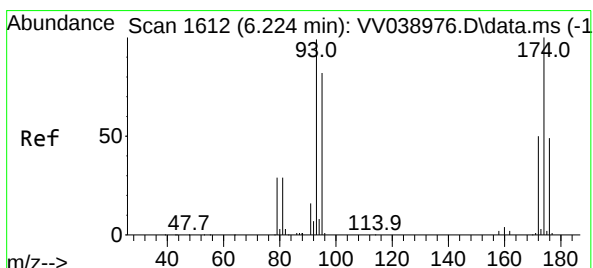
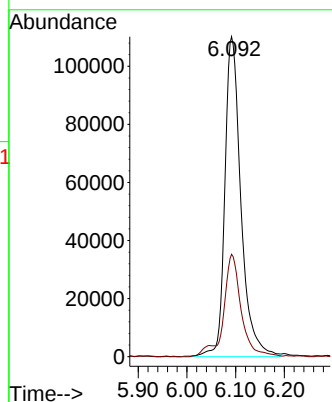
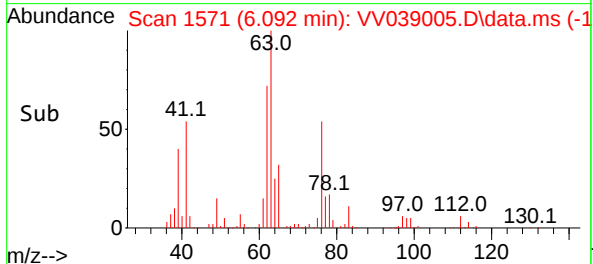
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



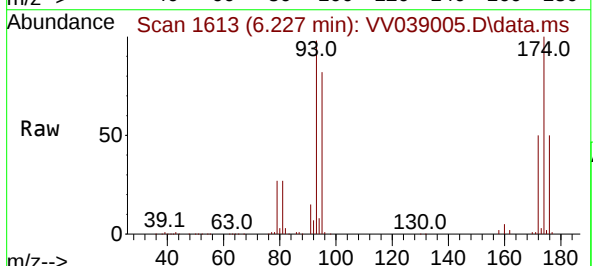
Tgt Ion: 63 Resp: 252945
Ion Ratio Lower Upper
63 100
65 32.0 25.0 37.4

Manual Integrations
APPROVED

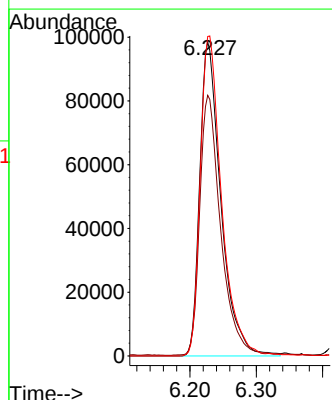
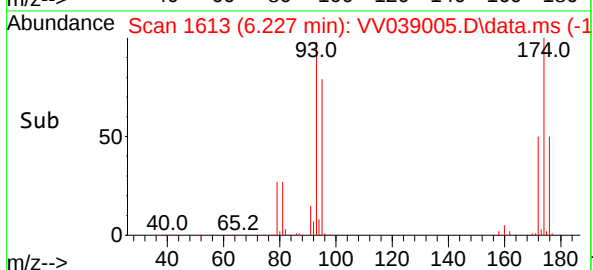
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

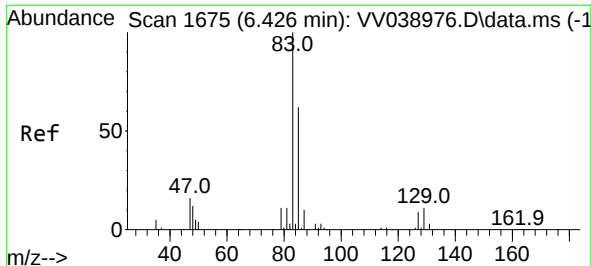


#46
Dibromomethane
Concen: 41.792 ug/l
RT: 6.227 min Scan# 1613
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20



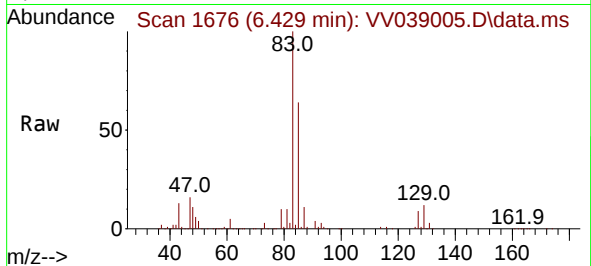
Tgt Ion: 93 Resp: 217643
Ion Ratio Lower Upper
93 100
95 81.7 66.4 99.6
174 103.3 79.7 119.5





#47
Bromodichloromethane
Concen: 40.551 ug/l
RT: 6.429 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

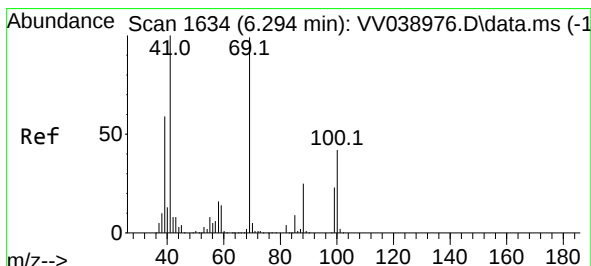
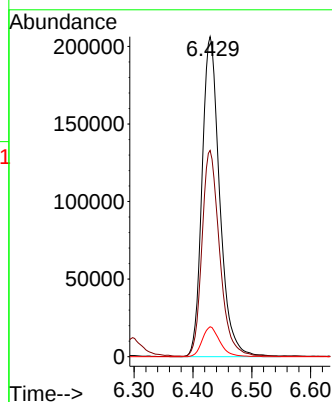
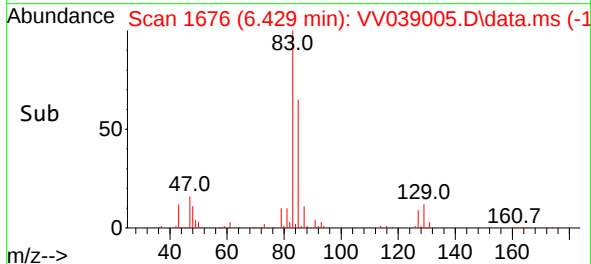
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



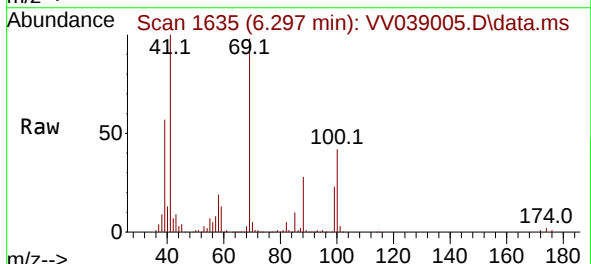
Tgt Ion: 83 Resp: 429789
Ion Ratio Lower Upper
83 100
85 64.3 49.6 74.4
127 9.3 6.9 10.3

Manual Integrations
APPROVED

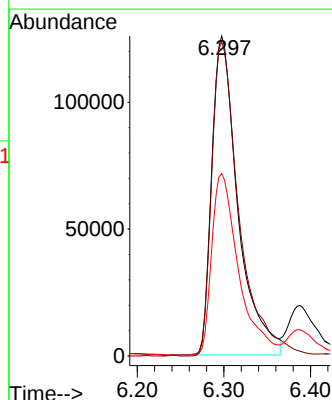
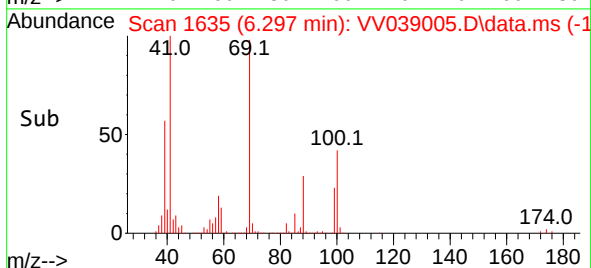
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

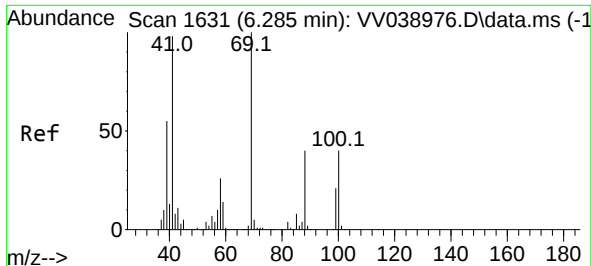


#48
Methyl methacrylate
Concen: 47.883 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20



Tgt Ion: 41 Resp: 264389
Ion Ratio Lower Upper
41 100
69 103.3 82.5 123.7
39 58.1 46.6 69.8





#49

1,4-Dioxane

Concen: 1109.594 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MS

Tgt Ion: 88 Resp: 10244

Ion Ratio Lower Upper

88 100

43 25.4 24.6 36.8

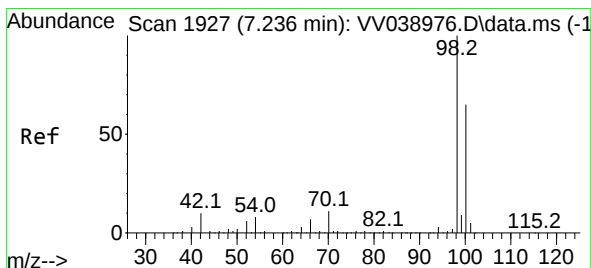
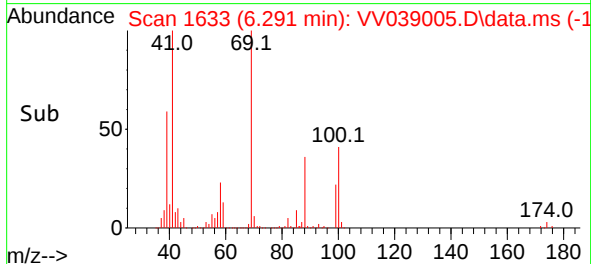
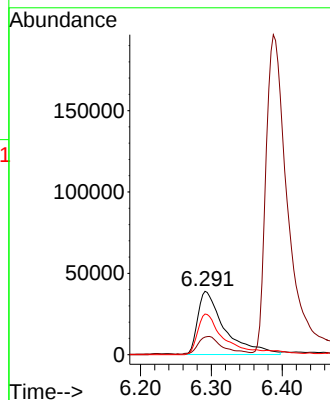
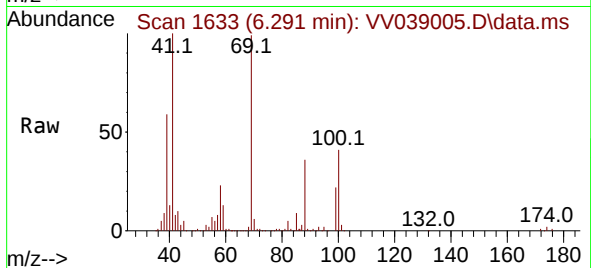
58 60.7 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#50

Toluene-d8

Concen: 43.874 ug/l

RT: 7.252 min Scan# 1932

Delta R.T. 0.016 min

Lab File: VV039005.D

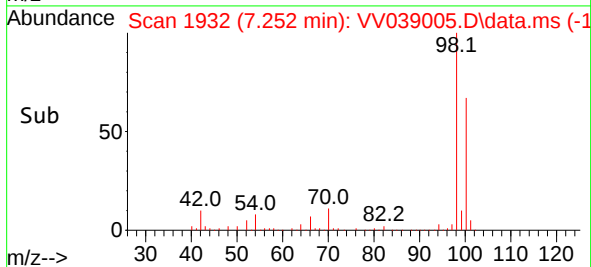
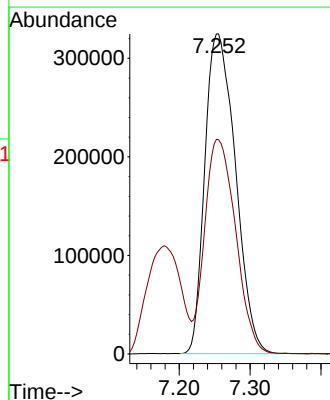
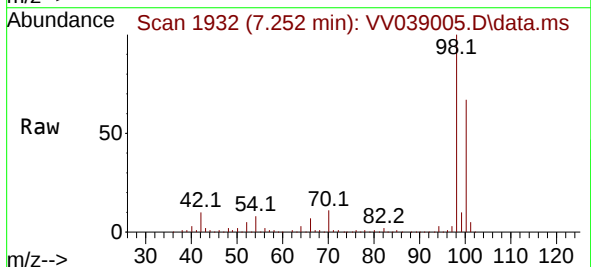
Acq: 22 Aug 2025 00:20

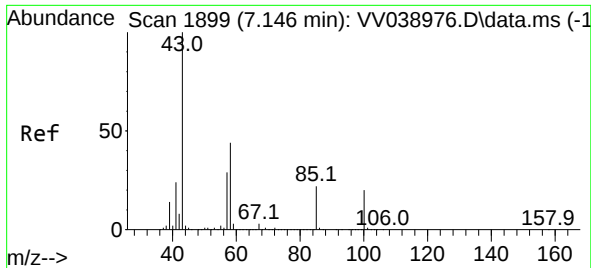
Tgt Ion: 98 Resp: 973361

Ion Ratio Lower Upper

98 100

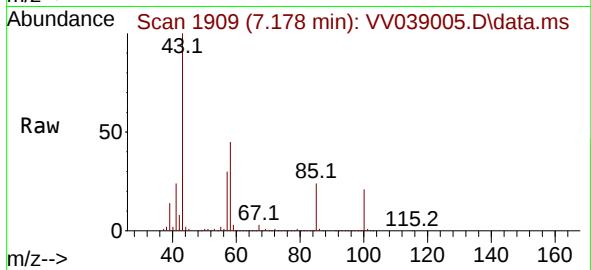
100 68.0 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 219.109 ug/l
RT: 7.178 min Scan# 1909
Delta R.T. 0.032 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

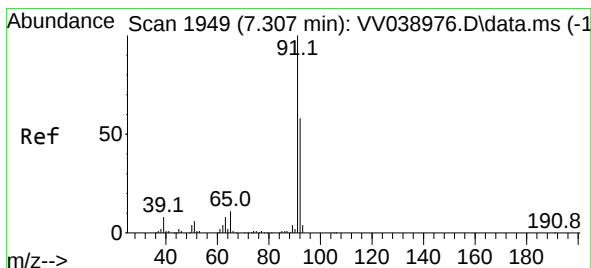
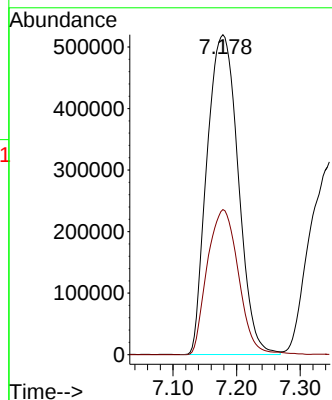
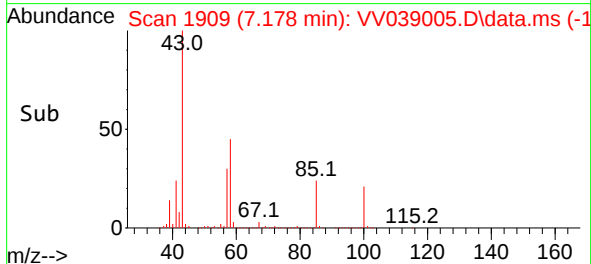
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



Tgt Ion: 43 Resp: 1772089
Ion Ratio Lower Upper
43 100
58 45.4 34.6 51.8

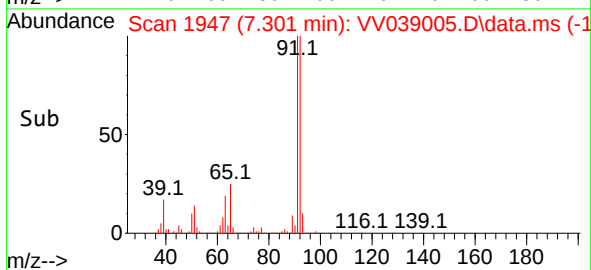
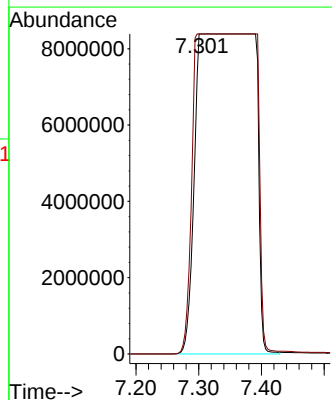
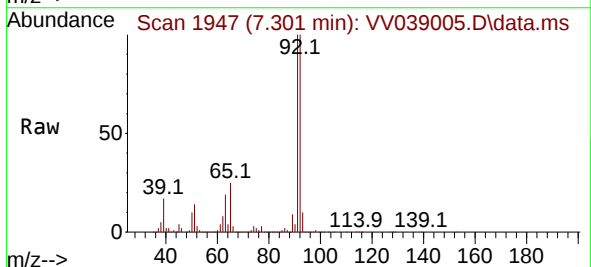
Manual Integrations
APPROVED

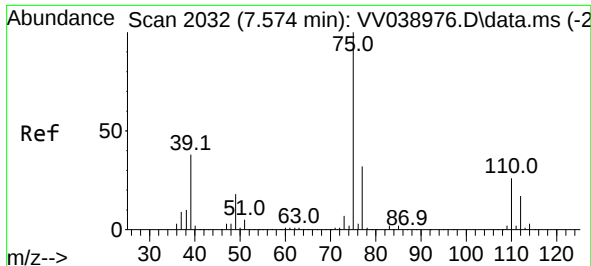
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#52
Toluene
Concen: 3266.734 ug/l m
RT: 7.301 min Scan# 1947
Delta R.T. -0.007 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion: 92 Resp:53540345
Ion Ratio Lower Upper
92 100
91 0.0 136.3 204.5#





#53

t-1,3-Dichloropropene

Concen: 41.009 ug/l

RT: 7.580 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MS

Tgt Ion: 75 Resp: 40632

Ion Ratio Lower Upper

75 100

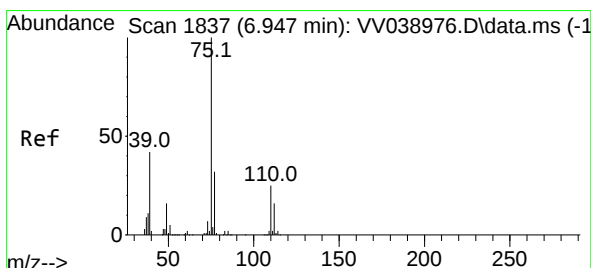
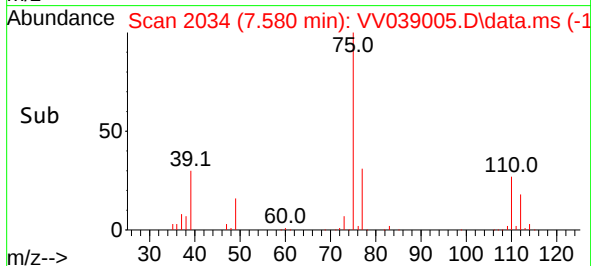
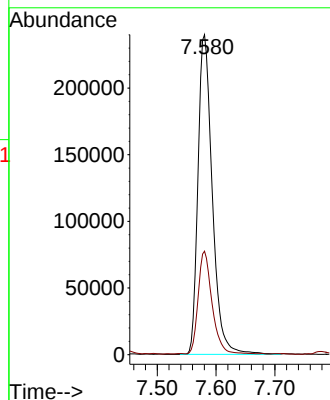
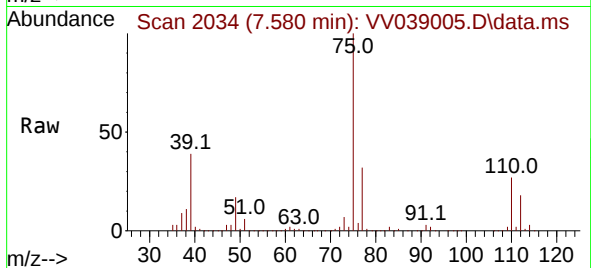
77 32.1 25.3 37.9

Manual Integrations

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Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#54

cis-1,3-Dichloropropene

Concen: 42.648 ug/l

RT: 6.953 min Scan# 1839

Delta R.T. 0.006 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

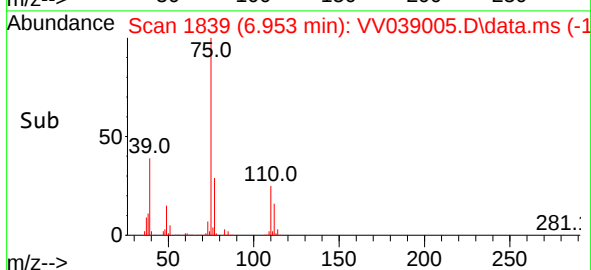
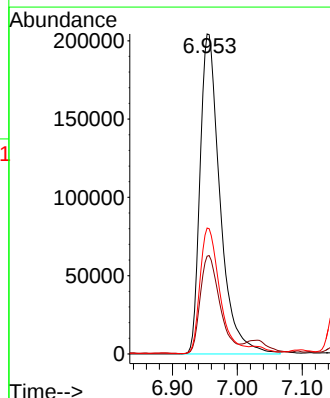
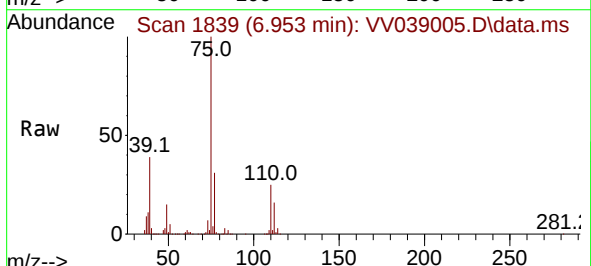
Tgt Ion: 75 Resp: 437820

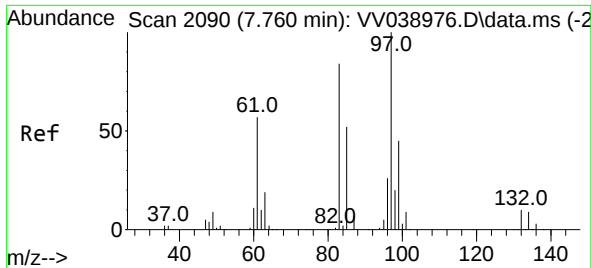
Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4

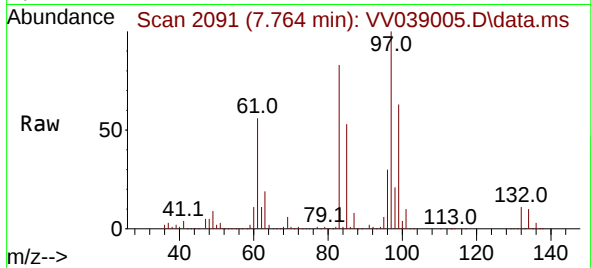
39 39.2 33.3 49.9





#55
1,1,2-Trichloroethane
Concen: 37.164 ug/l
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

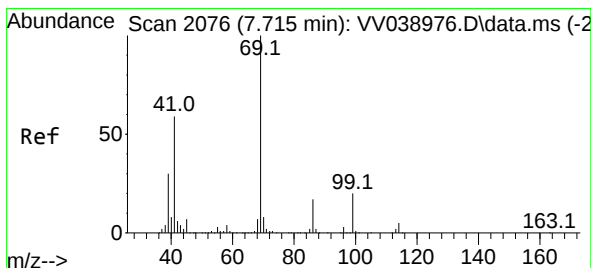
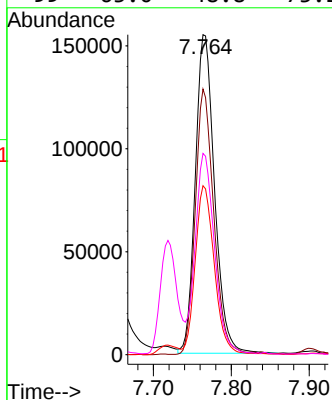
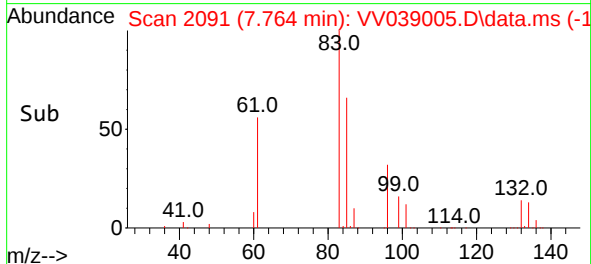
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



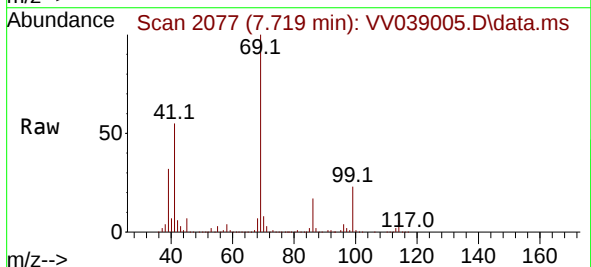
Tgt Ion: 97 Resp: 265579
Ion Ratio Lower Upper
97 100
83 83.2 67.2 100.8
85 52.8 42.7 64.1
99 63.0 48.8 73.2

Manual Integrations
APPROVED

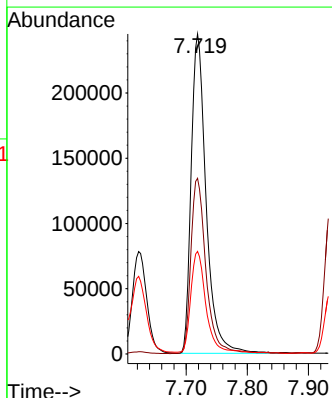
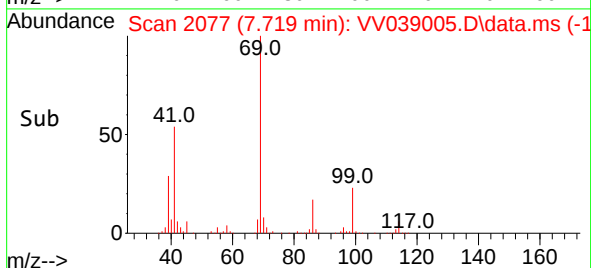
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

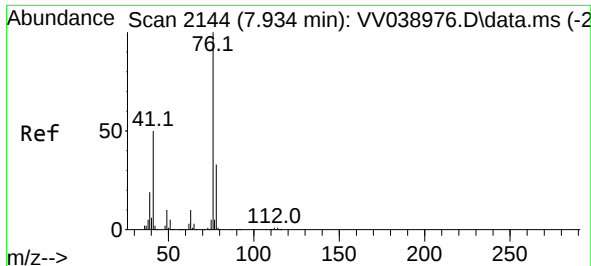


#56
Ethyl methacrylate
Concen: 38.555 ug/l
RT: 7.719 min Scan# 2077
Delta R.T. 0.004 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20



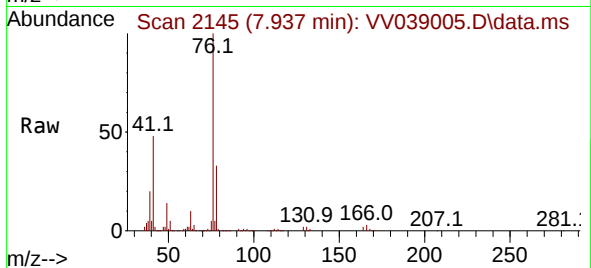
Tgt Ion: 69 Resp: 416515
Ion Ratio Lower Upper
69 100
41 55.3 47.5 71.3
39 31.8 24.2 36.2





#57
1,3-Dichloropropane
Concen: 38.717 ug/l
RT: 7.937 min Scan# 2145
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

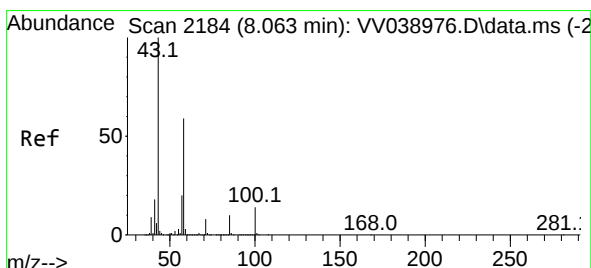
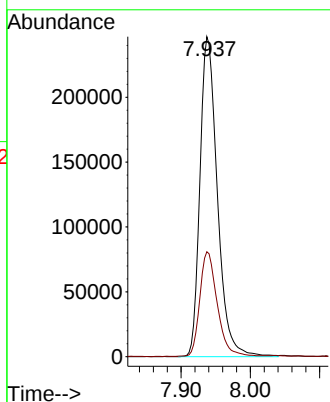
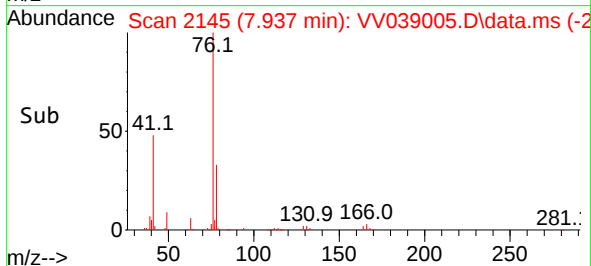
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



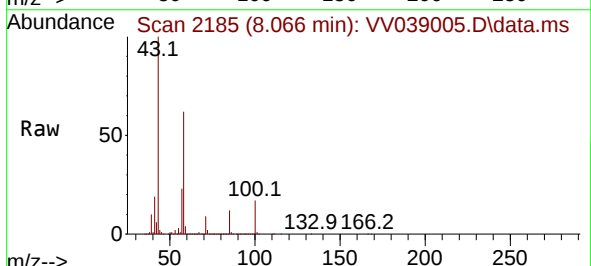
Tgt Ion: 76 Resp: 431420
Ion Ratio Lower Upper
76 100
78 32.5 25.6 38.4

Manual Integrations
APPROVED

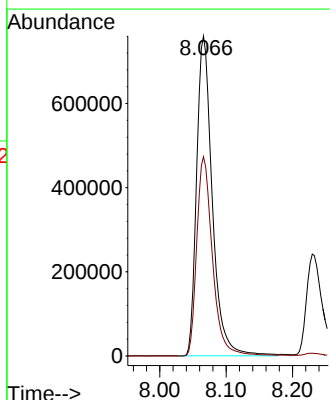
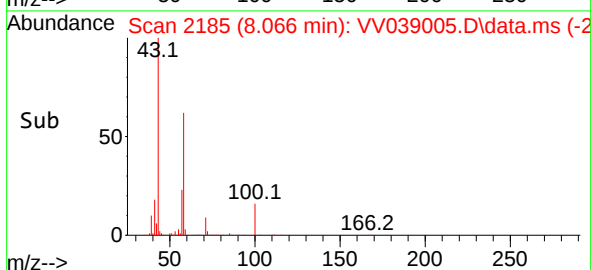
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

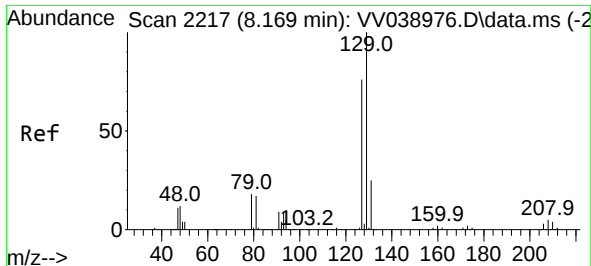


#59
2-Hexanone
Concen: 160.267 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20



Tgt Ion: 43 Resp: 1247929
Ion Ratio Lower Upper
43 100
58 62.3 29.8 89.4





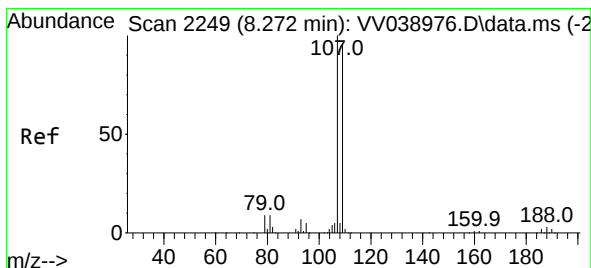
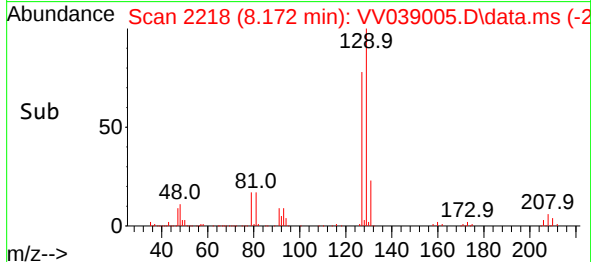
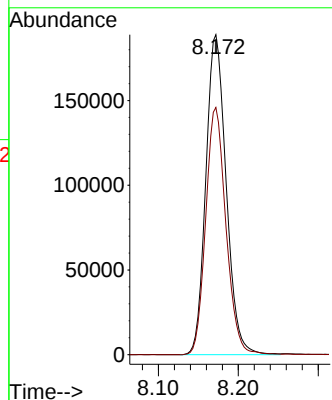
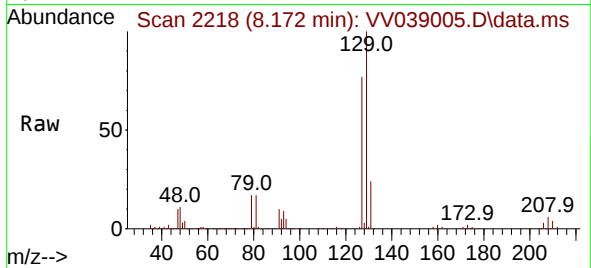
#60
 Dibromochloromethane
 Concen: 38.729 ug/l
 RT: 8.172 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-201-082025MS

Tgt Ion:129 Resp: 334184
 Ion Ratio Lower Upper
 129 100
 127 76.9 38.4 115.1

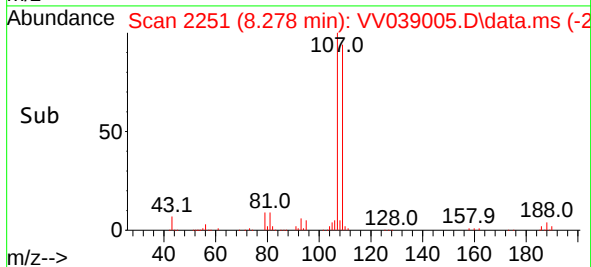
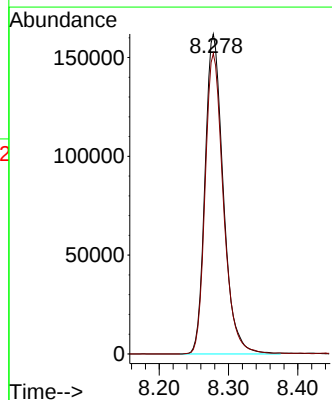
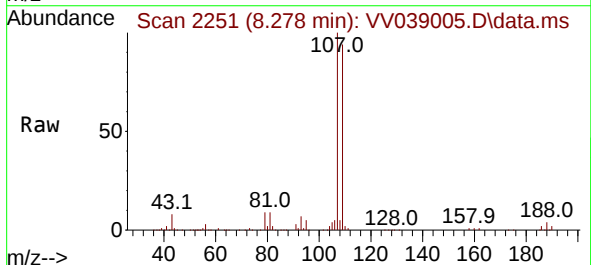
Manual Integrations
 APPROVED

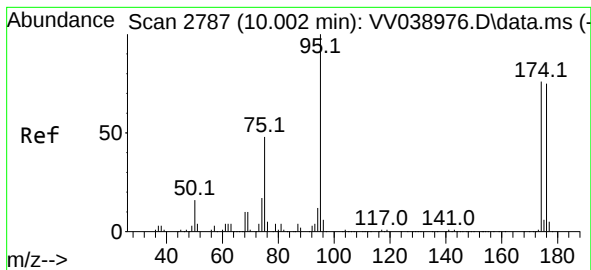
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#61
 1,2-Dibromoethane
 Concen: 39.881 ug/l
 RT: 8.278 min Scan# 2251
 Delta R.T. 0.006 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

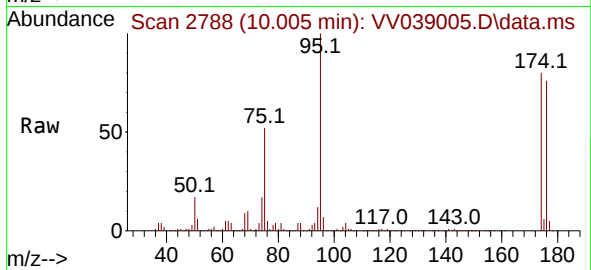
Tgt Ion:107 Resp: 295667
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.6





#62
4-Bromofluorobenzene
Concen: 45.005 ug/l
RT: 10.005 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

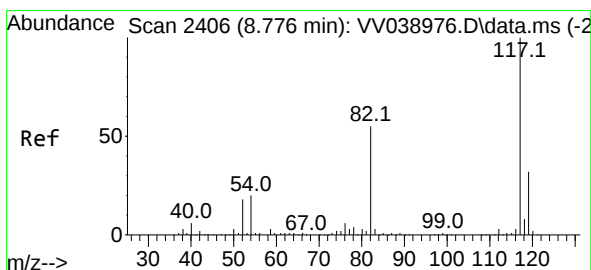
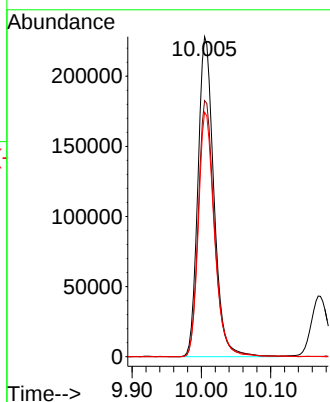
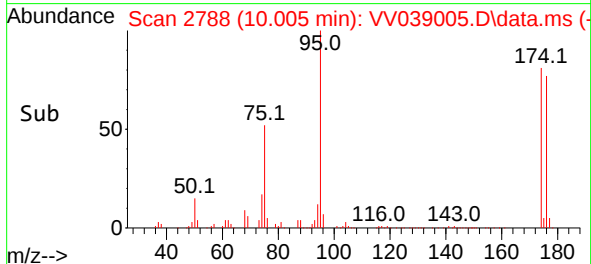
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



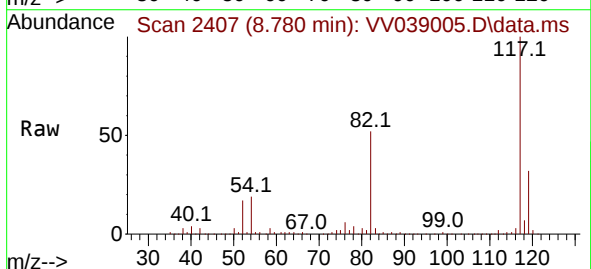
Tgt Ion: 95 Resp: 365259
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.4
176 76.7 0.0 148.6

Manual Integrations
APPROVED

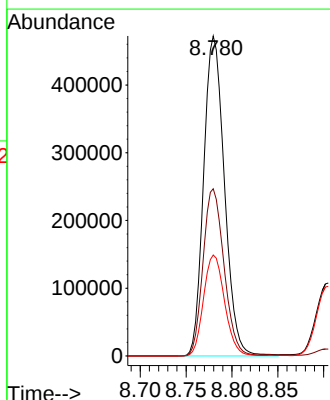
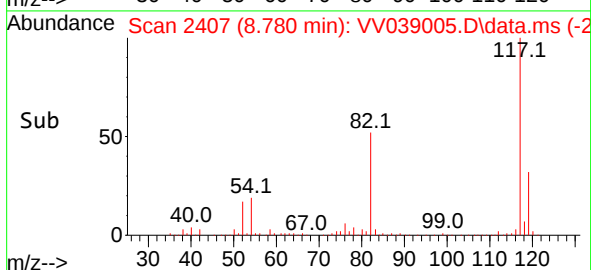
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

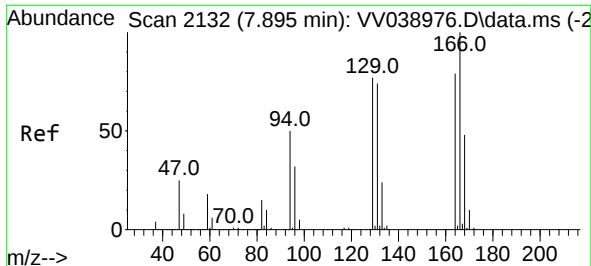


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.780 min Scan# 2407
Delta R.T. 0.004 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20



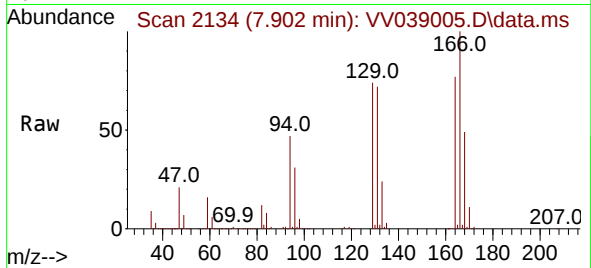
Tgt Ion:117 Resp: 744435
Ion Ratio Lower Upper
117 100
82 52.2 44.4 66.6
119 31.6 26.0 39.0





#64
Tetrachloroethene
Concen: 43.690 ug/l
RT: 7.902 min Scan# 2132
Delta R.T. 0.006 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

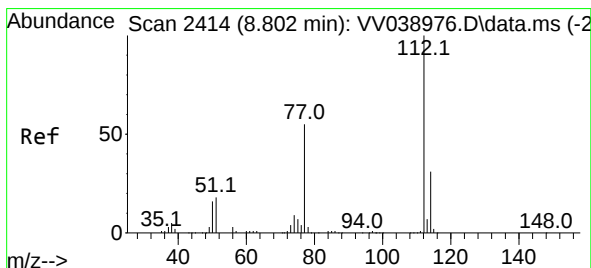
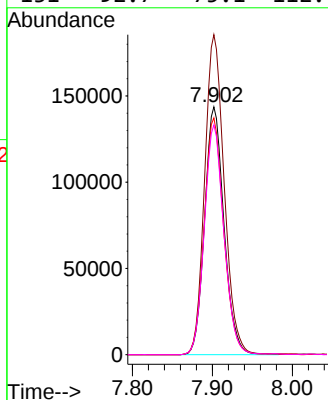
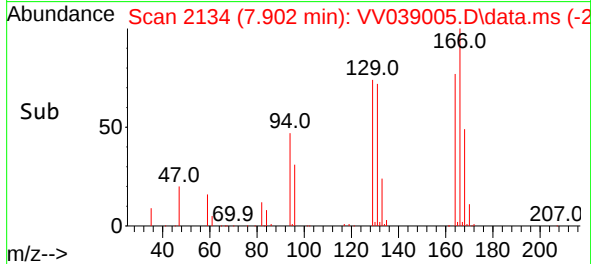
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



Tgt Ion:164 Resp: 24201
Ion Ratio Lower Upper
164 100
166 129.1 101.8 152.6
129 95.5 78.7 118.1
131 92.7 75.1 112.7

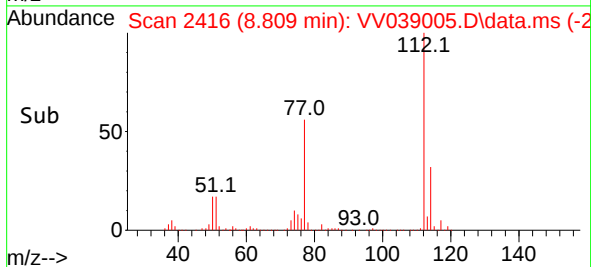
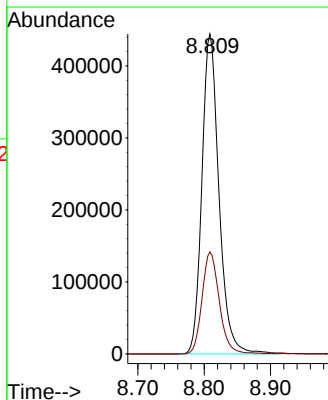
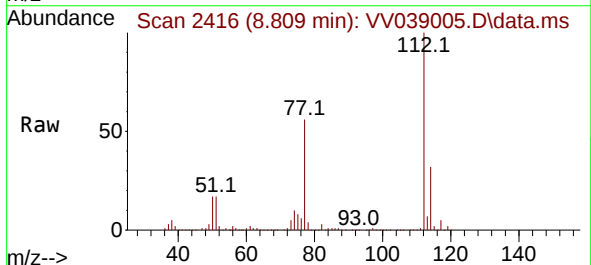
Manual Integrations
APPROVED

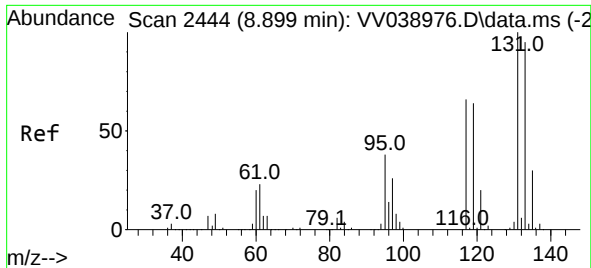
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#65
Chlorobenzene
Concen: 44.220 ug/l
RT: 8.809 min Scan# 2416
Delta R.T. 0.006 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

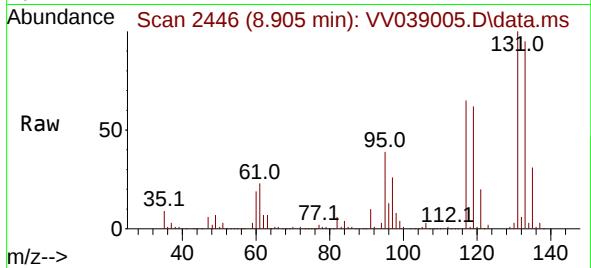
Tgt Ion:112 Resp: 793712
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7





#66
 1,1,1,2-Tetrachloroethane
 Concen: 44.354 ug/l
 RT: 8.905 min Scan# 2446
 Delta R.T. 0.006 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

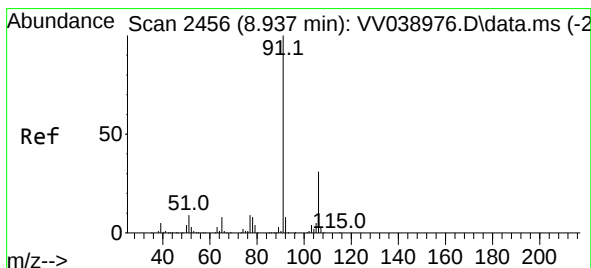
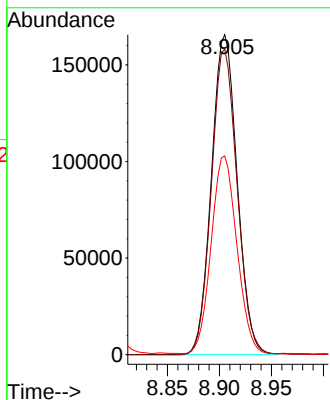
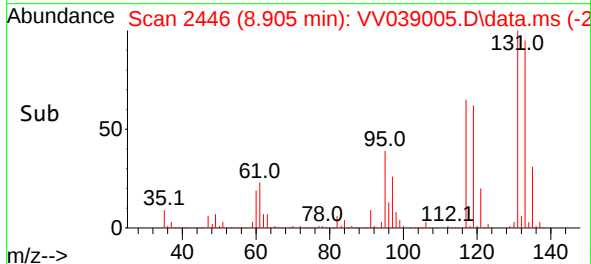
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-201-082025MS



Tgt Ion:131 Resp: 28578
 Ion Ratio Lower Upper
 131 100
 133 95.8 47.6 142.9
 119 61.9 32.1 96.3

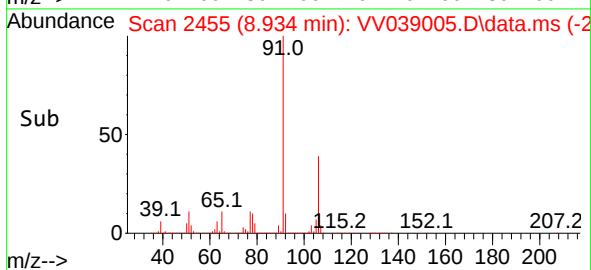
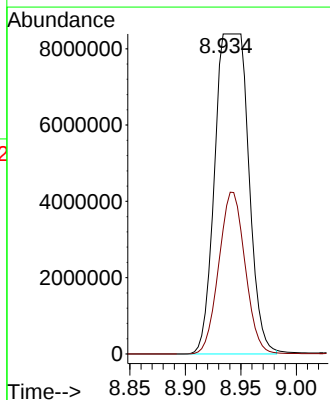
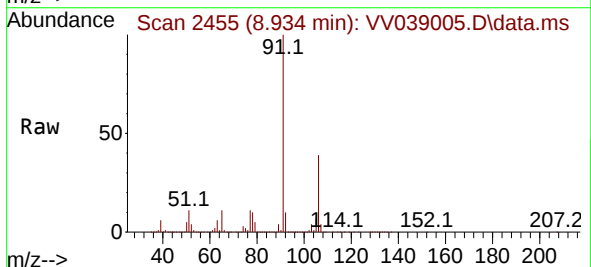
Manual Integrations
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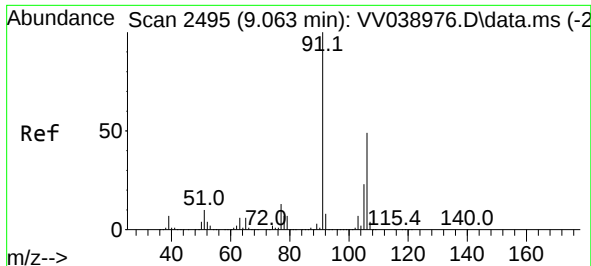
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#67
 Ethyl Benzene
 Concen: 646.013 ug/l m
 RT: 8.934 min Scan# 2455
 Delta R.T. -0.003 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

Tgt Ion: 91 Resp:17701281
 Ion Ratio Lower Upper
 91 100
 106 39.0 24.6 36.8#





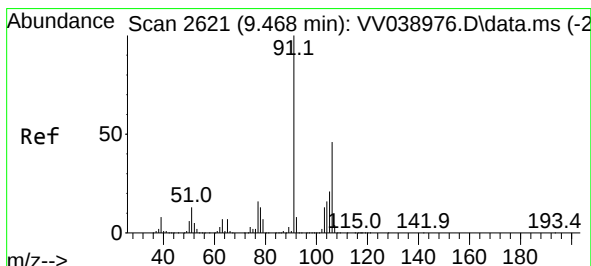
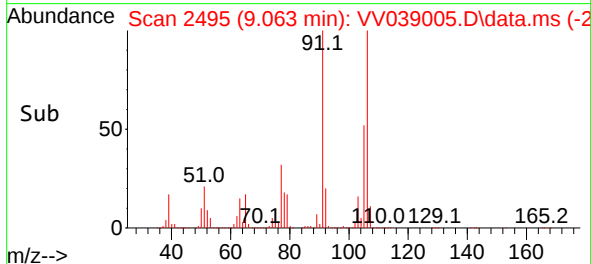
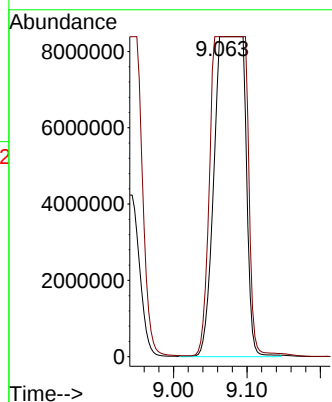
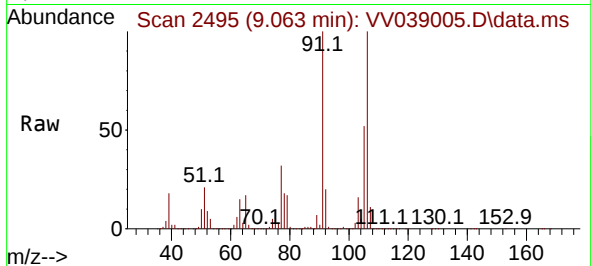
#68
m/p-Xylenes
Concen: 2301.099 ug/l m
RT: 9.063 min Scan# 2495
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS

Tgt Ion:106 Resp:24487808
Ion Ratio Lower Upper
106 100
91 0.0 163.6 245.4

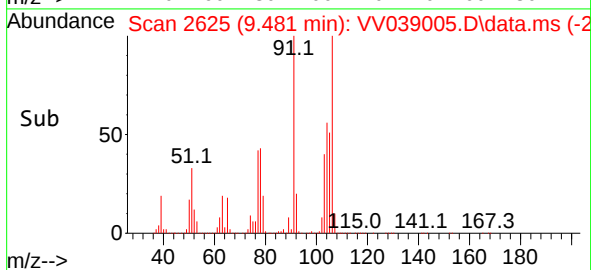
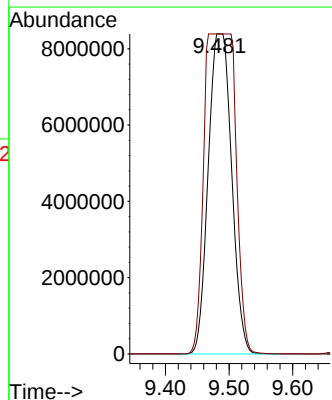
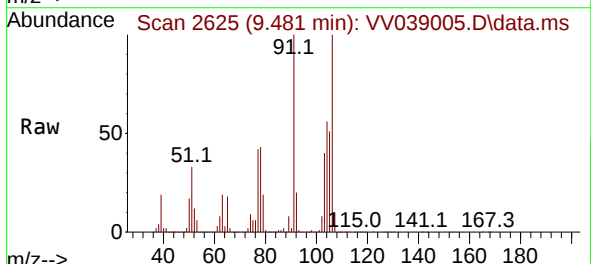
Manual Integrations
APPROVED

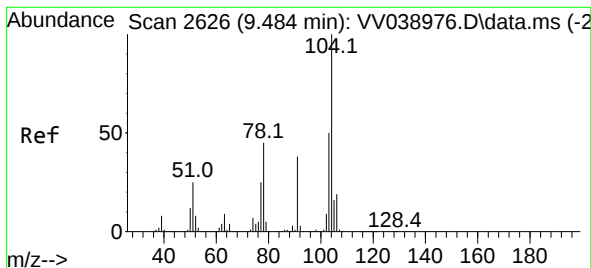
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#69
o-Xylene
Concen: 2202.040 ug/l
RT: 9.481 min Scan# 2625
Delta R.T. 0.013 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion:106 Resp:21358696
Ion Ratio Lower Upper
106 100
91 0.0 108.0 324.0





#70

Styrene

Concen: 1768.662 ug/l m

RT: 9.487 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MS

Tgt Ion:104 Resp:29432110

Ion Ratio Lower Upper

104 100

78 0.0 39.8 59.8

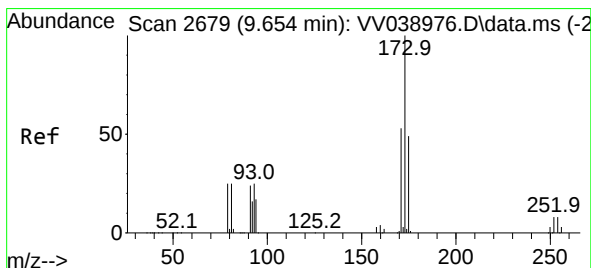
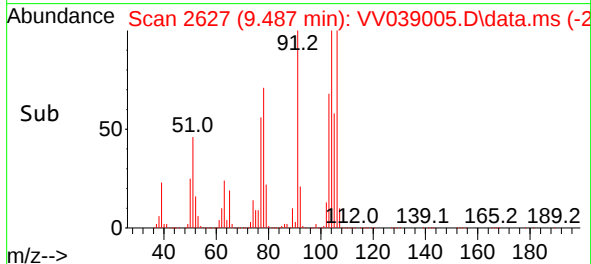
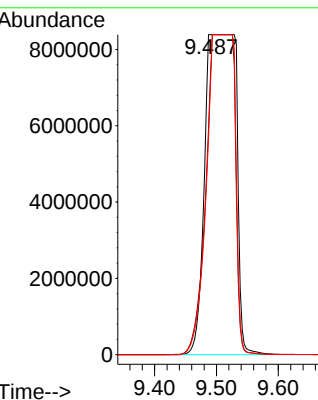
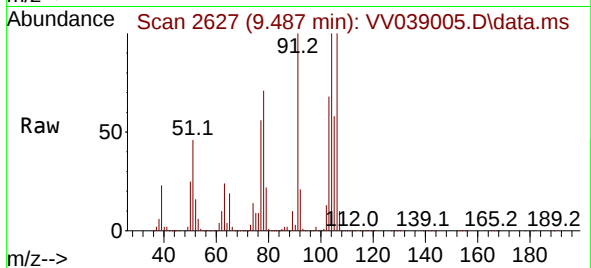
103 0.0 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#71

Bromoform

Concen: 45.364 ug/l

RT: 9.664 min Scan# 2682

Delta R.T. 0.010 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

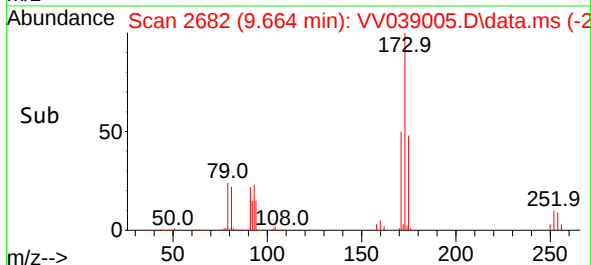
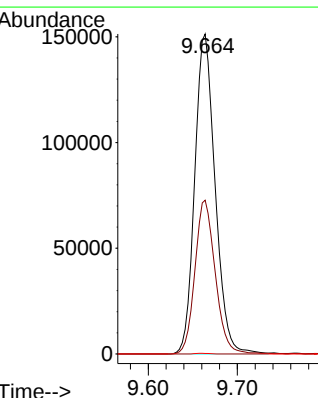
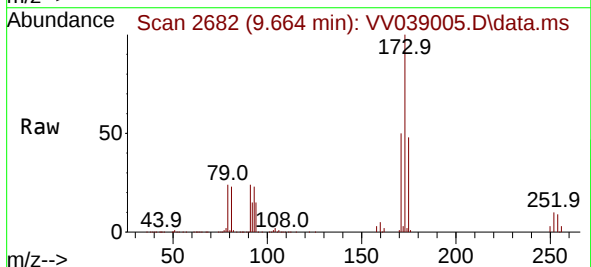
Tgt Ion:173 Resp: 240829

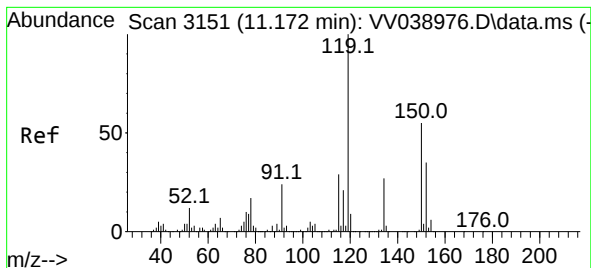
Ion Ratio Lower Upper

173 100

175 47.9 24.6 73.6

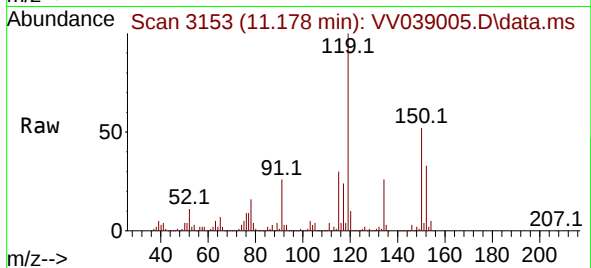
254 0.1 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.178 min Scan# 3151
Delta R.T. 0.006 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

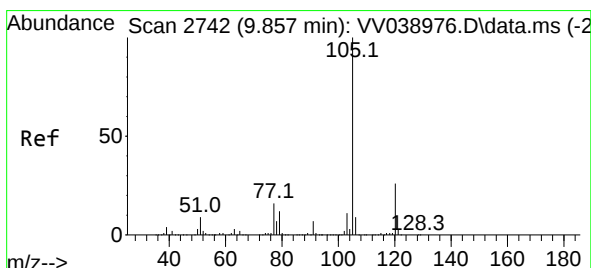
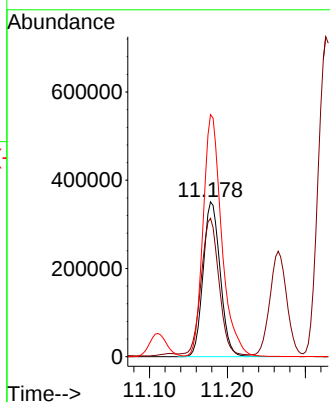
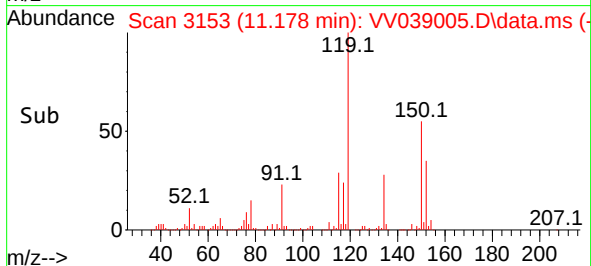
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



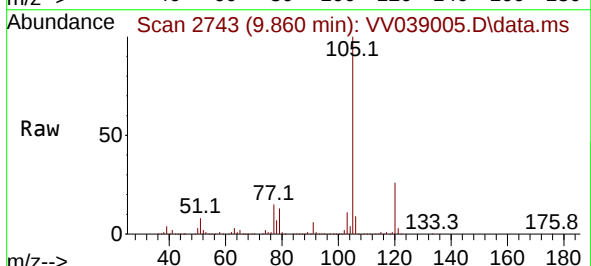
Tgt Ion:152 Resp: 53197
Ion Ratio Lower Upper
152 100
115 91.3 42.5 127.5
150 171.1 0.0 344.8

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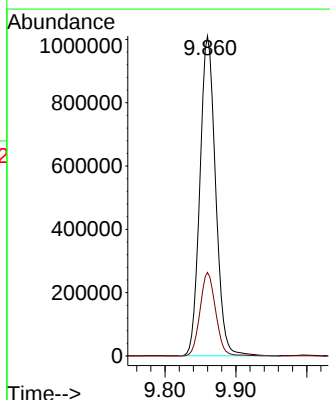
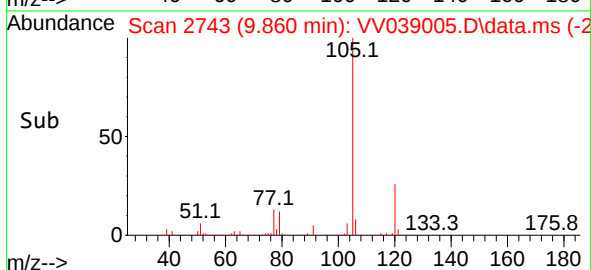
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

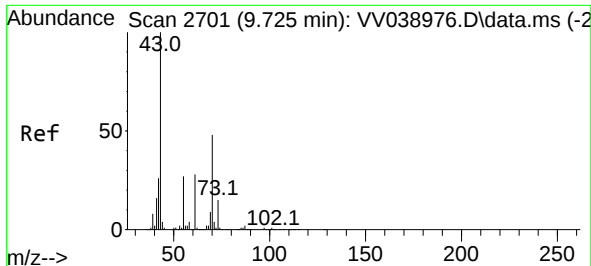


#73
Isopropylbenzene
Concen: 43.586 ug/l
RT: 9.860 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20



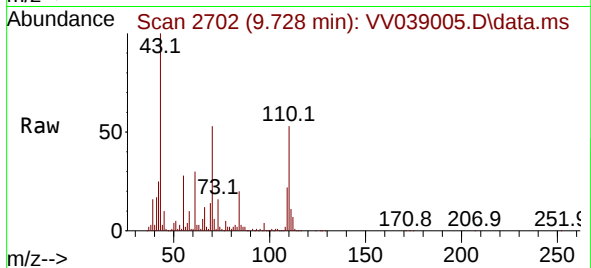
Tgt Ion:105 Resp: 1555867
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1





#74
N-amy1 acetate
Concen: 33.245 ug/l
RT: 9.728 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

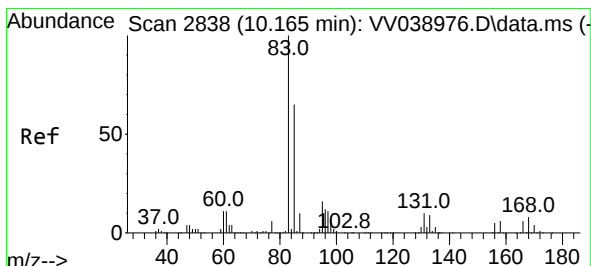
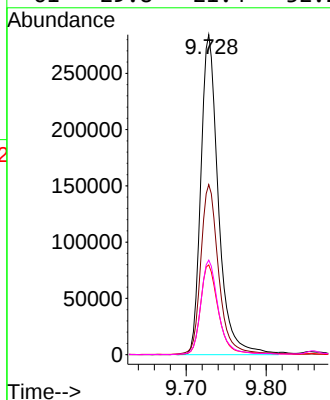
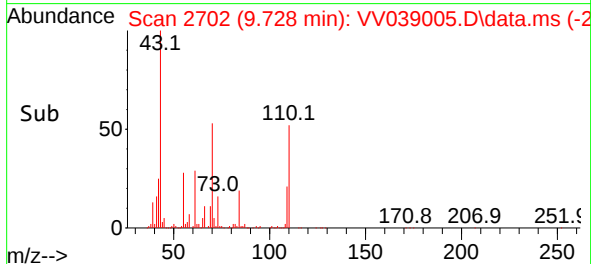
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



Tgt Ion: 43 Resp: 43479
Ion Ratio Lower Upper
43 100
70 54.7 38.3 57.5
55 28.6 21.6 32.4
61 29.8 21.4 32.2

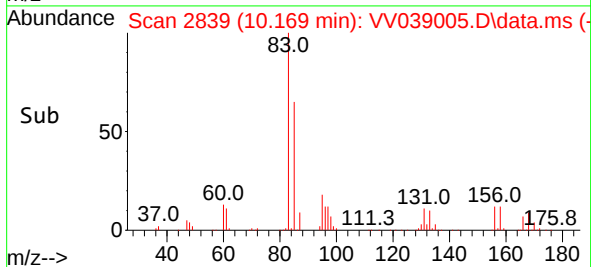
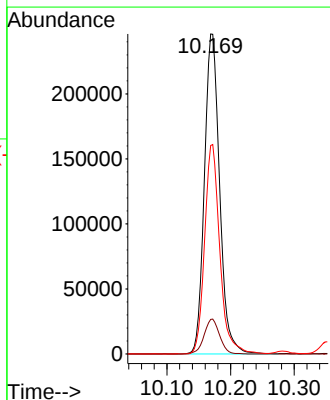
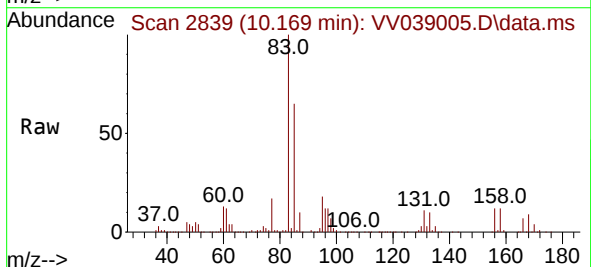
Manual Integrations
APPROVED

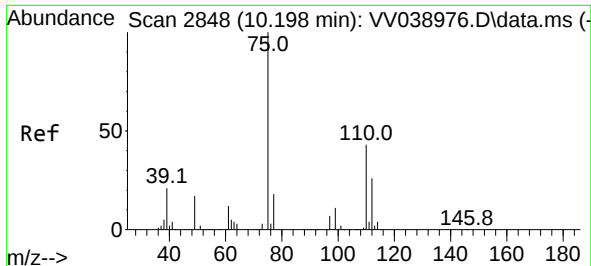
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 28.872 ug/l
RT: 10.169 min Scan# 2839
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

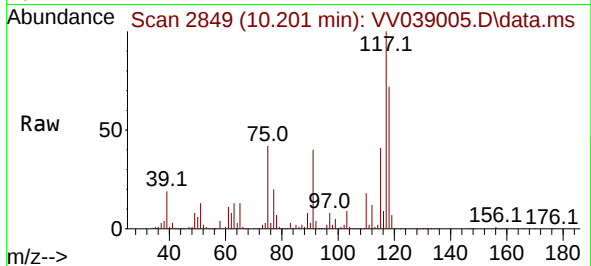
Tgt Ion: 83 Resp: 409312
Ion Ratio Lower Upper
83 100
131 11.1 5.3 15.9
85 65.3 32.5 97.5





#76
1,2,3-Trichloropropane
Concen: 35.653 ug/l m
RT: 10.201 min Scan# 2849
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

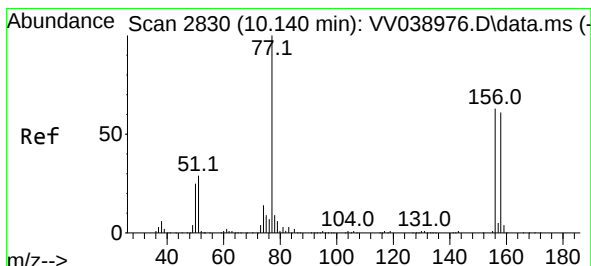
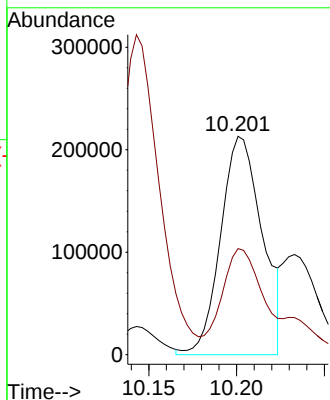
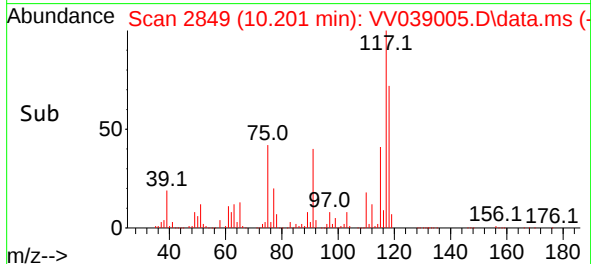
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



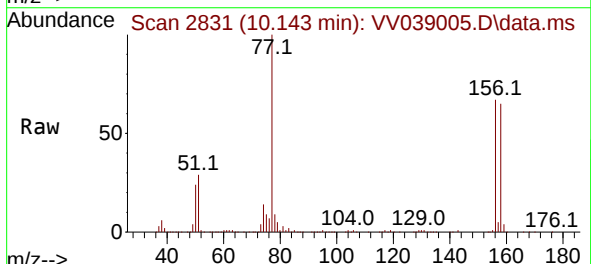
Tgt Ion: 75 Resp: 35180
Ion Ratio Lower Upper
75 100
77 12.6 11.3 33.8

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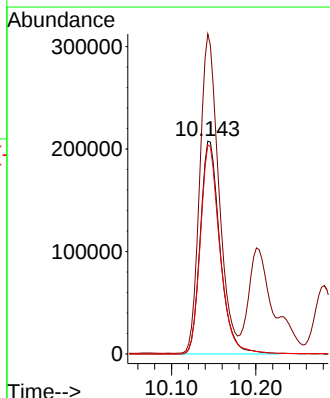
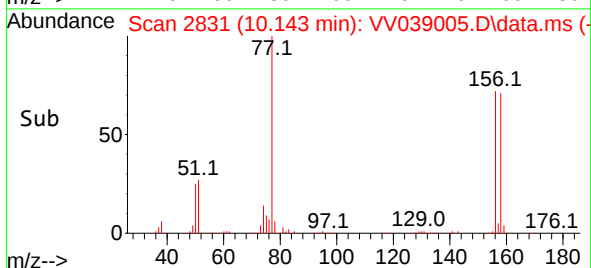
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

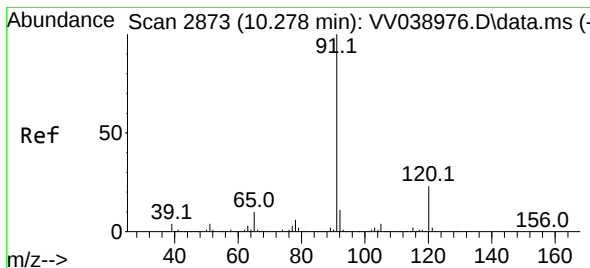


#77
Bromobenzene
Concen: 36.789 ug/l
RT: 10.143 min Scan# 2831
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20



Tgt Ion:156 Resp: 337419
Ion Ratio Lower Upper
156 100
77 144.4 79.0 237.0
158 97.8 48.6 145.9





#78

n-propylbenzene

Concen: 58.905 ug/l

RT: 10.281 min Scan# 2874

Delta R.T. 0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MS

Tgt Ion: 91 Resp: 251053

Ion Ratio Lower Upper

91 100

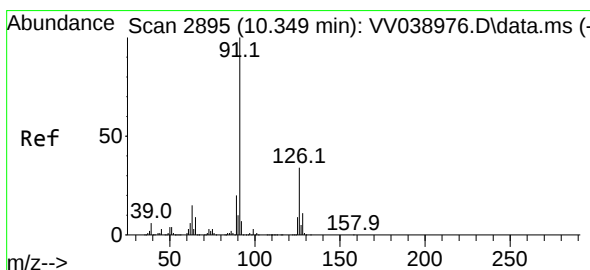
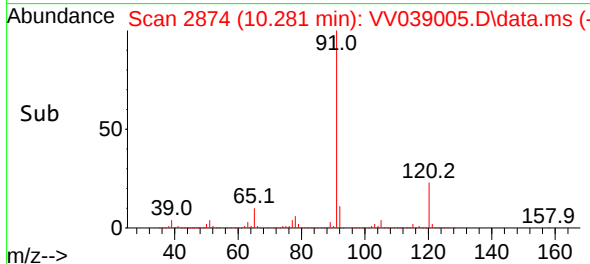
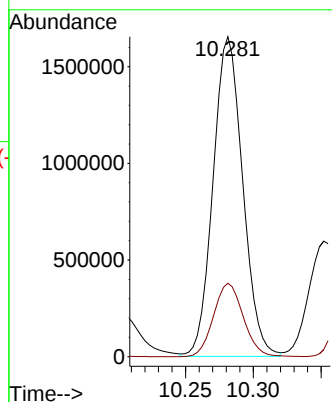
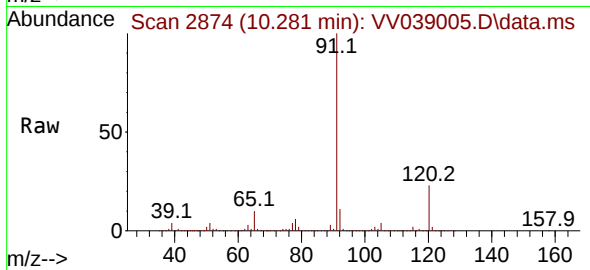
120 23.1 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#79

2-Chlorotoluene

Concen: 70.201 ug/l

RT: 10.352 min Scan# 2896

Delta R.T. 0.003 min

Lab File: VV039005.D

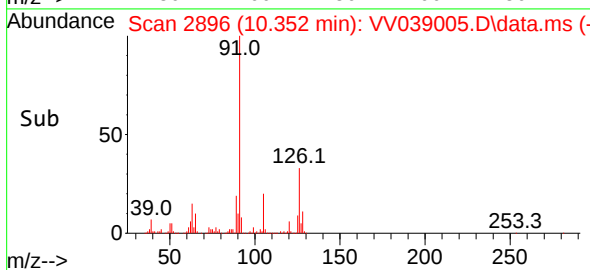
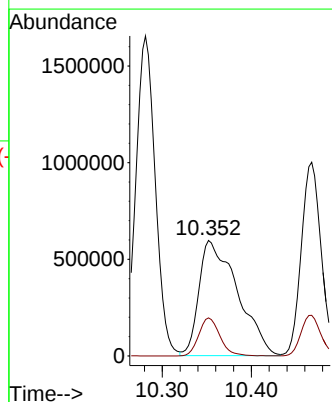
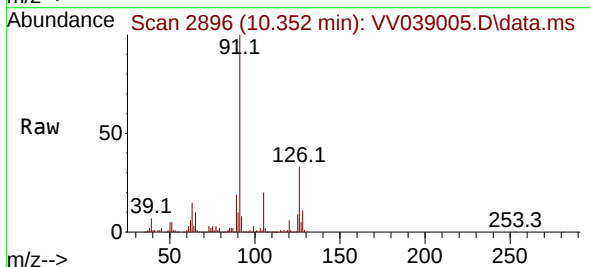
Acq: 22 Aug 2025 00:20

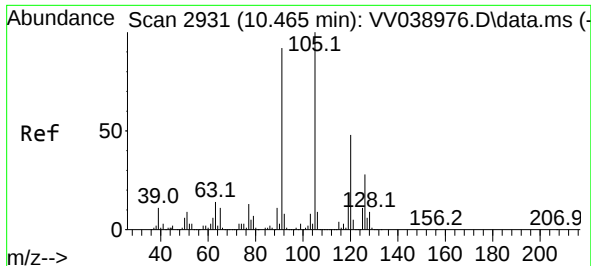
Tgt Ion: 91 Resp: 1796442

Ion Ratio Lower Upper

91 100

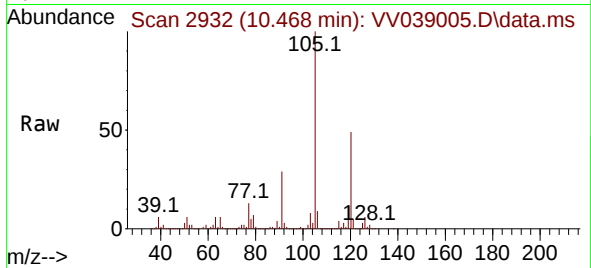
126 18.2 17.1 51.2





#80
1,3,5-Trimethylbenzene
Concen: 176.987 ug/l
RT: 10.468 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

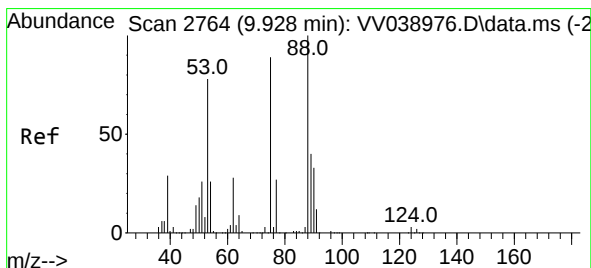
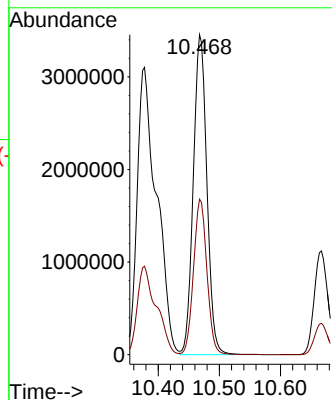
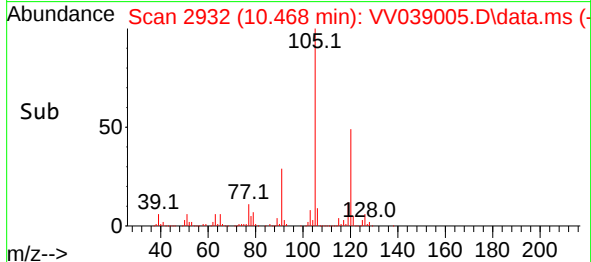
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



Tgt Ion:105 Resp: 531687
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7

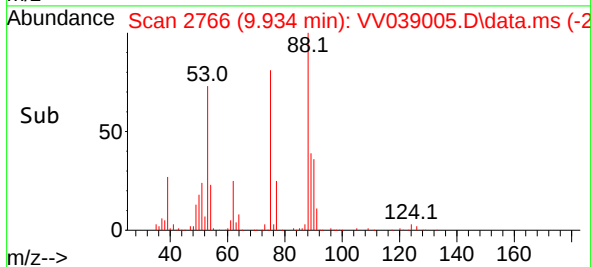
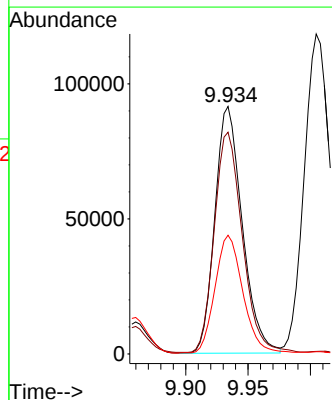
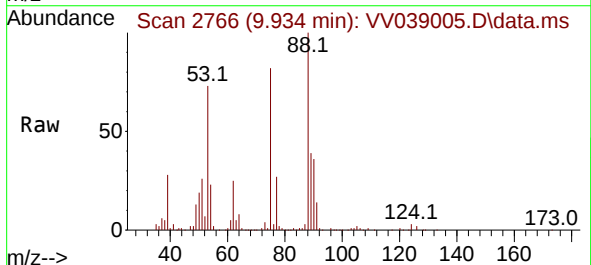
Manual Integrations
APPROVED

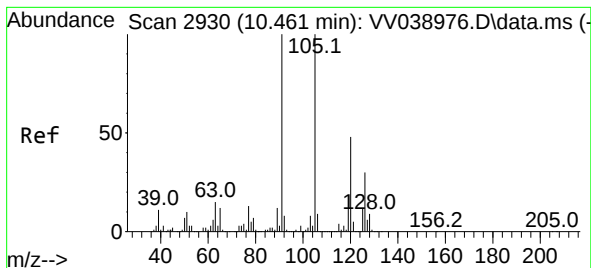
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#81
trans-1,4-Dichloro-2-butene
Concen: 32.569 ug/l
RT: 9.934 min Scan# 2766
Delta R.T. 0.006 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

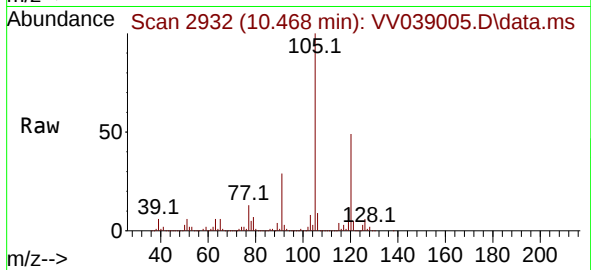
Tgt Ion: 75 Resp: 139975
Ion Ratio Lower Upper
75 100
53 91.2 70.3 105.5
89 48.4 37.9 56.9





#82
4-Chlorotoluene
Concen: 52.999 ug/l
RT: 10.468 min Scan# 2930
Delta R.T. 0.006 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

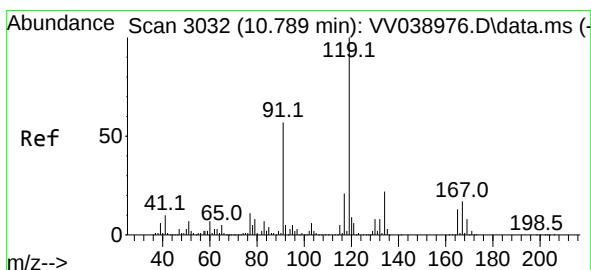
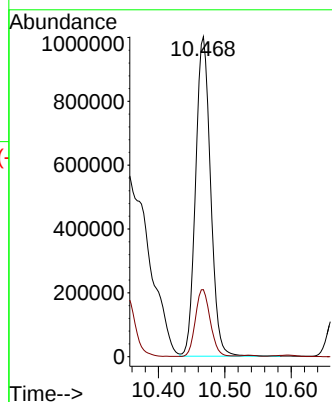
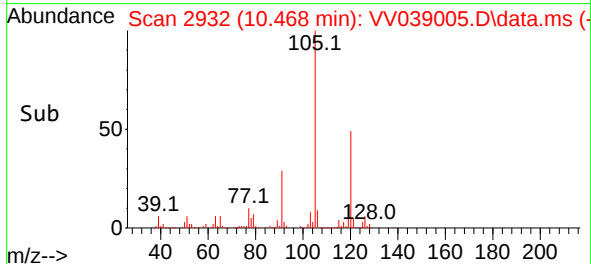
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



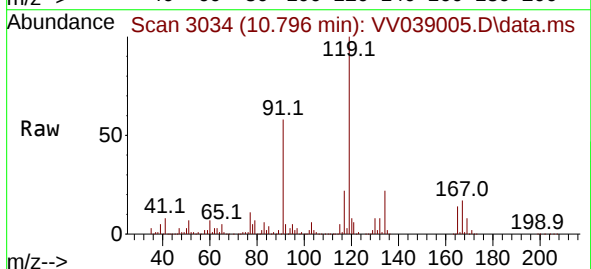
Tgt Ion: 91 Resp: 156317
Ion Ratio Lower Upper
91 100
126 20.8 14.9 44.5

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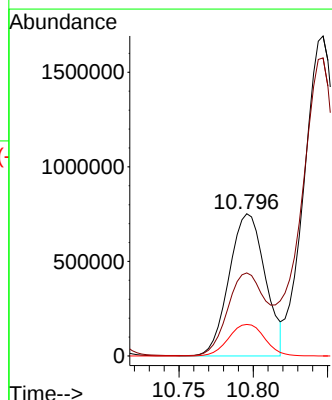
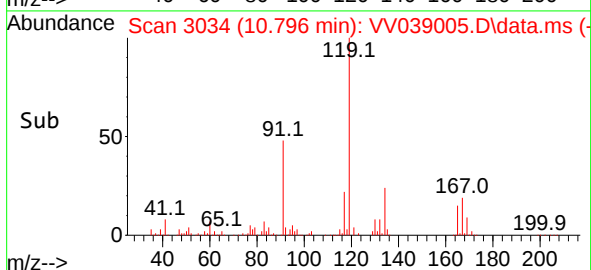
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

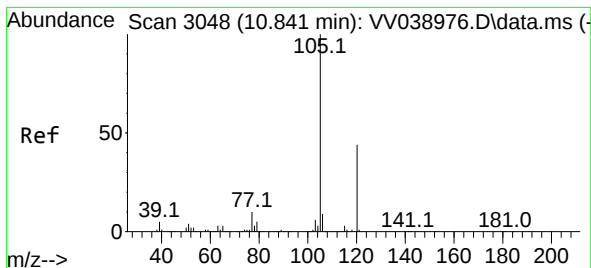


#83
tert-Butylbenzene
Concen: 42.699 ug/l
RT: 10.796 min Scan# 3034
Delta R.T. 0.006 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20



Tgt Ion:119 Resp: 1273675
Ion Ratio Lower Upper
119 100
91 58.9 28.4 85.3
134 22.2 11.2 33.6





#84

1,2,4-Trimethylbenzene

Concen: 584.663 ug/l m

RT: 10.837 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MS

Tgt Ion:105 Resp:1680814

Ion Ratio Lower Upper

105 100

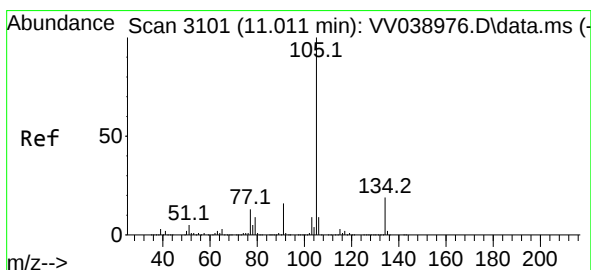
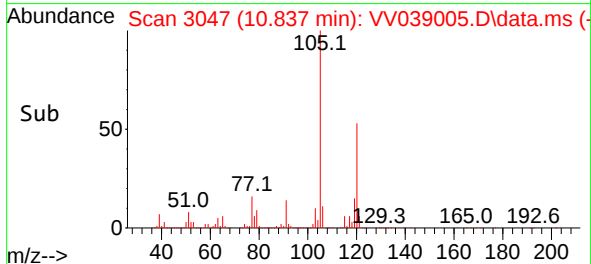
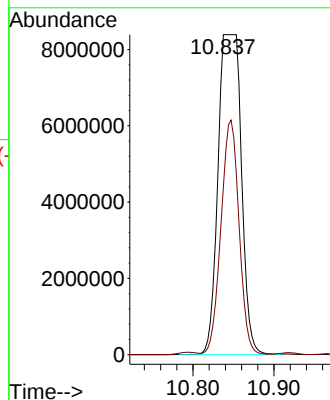
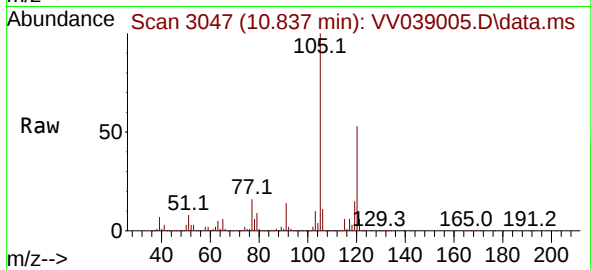
120 3.1 22.8 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#85

sec-Butylbenzene

Concen: 48.018 ug/l

RT: 11.017 min Scan# 3103

Delta R.T. 0.006 min

Lab File: VV039005.D

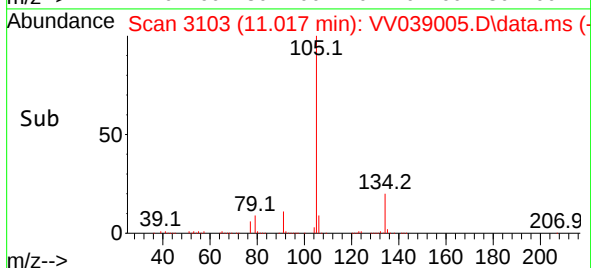
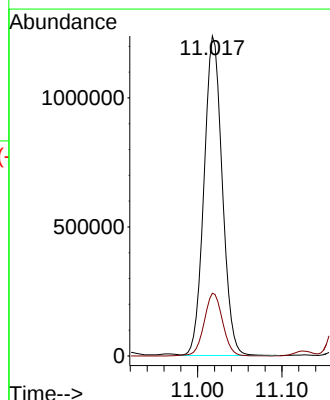
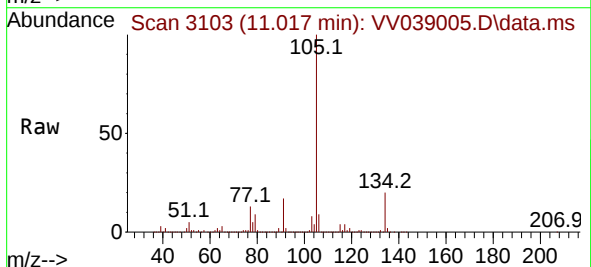
Acq: 22 Aug 2025 00:20

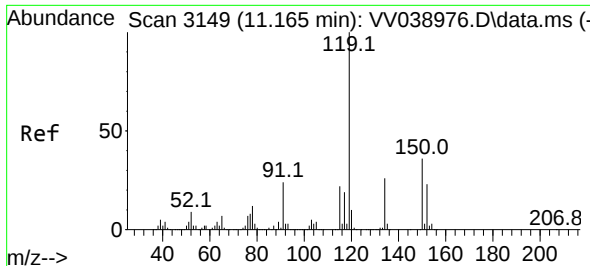
Tgt Ion:105 Resp: 1862819

Ion Ratio Lower Upper

105 100

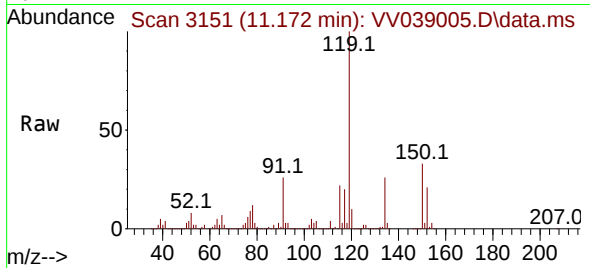
134 20.0 9.9 29.7





#86
 p-Isopropyltoluene
 Concen: 58.640 ug/l
 RT: 11.172 min Scan# 3151
 Delta R.T. 0.006 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

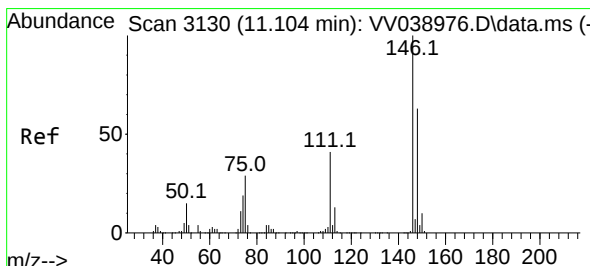
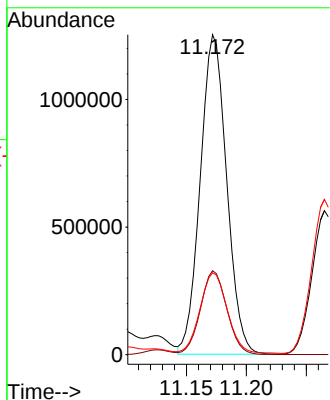
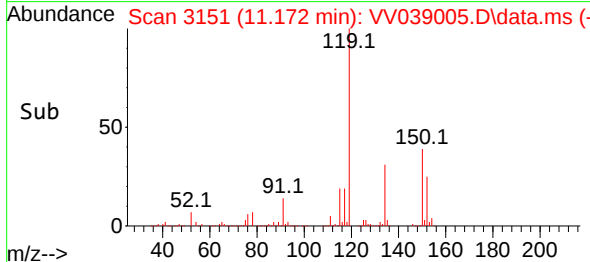
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-201-082025MS



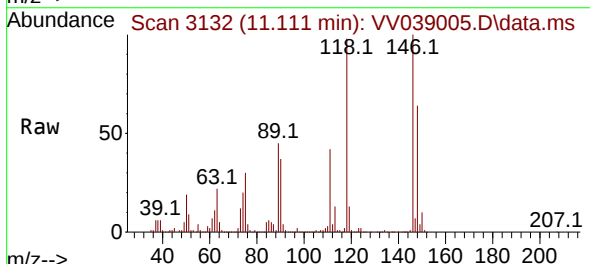
Tgt Ion:119 Resp: 1915758
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 25.9 12.4 37.0

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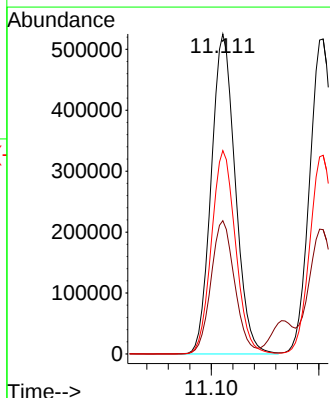
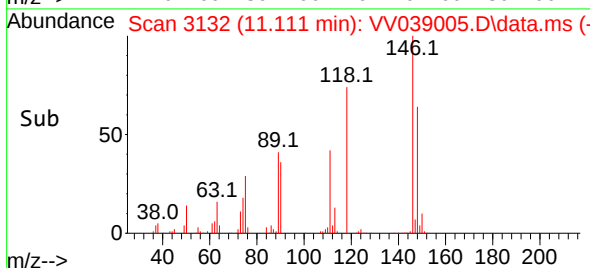
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

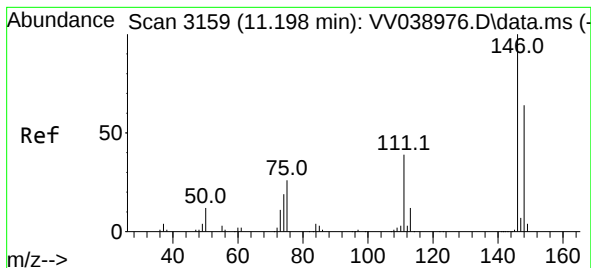


#87
 1,3-Dichlorobenzene
 Concen: 44.989 ug/l
 RT: 11.111 min Scan# 3132
 Delta R.T. 0.006 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20



Tgt Ion:146 Resp: 814777
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 63.8 31.9 95.5





#88

1,4-Dichlorobenzene

Concen: 43.830 ug/l

RT: 11.204 min Scan# 3159

Delta R.T. 0.006 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MS

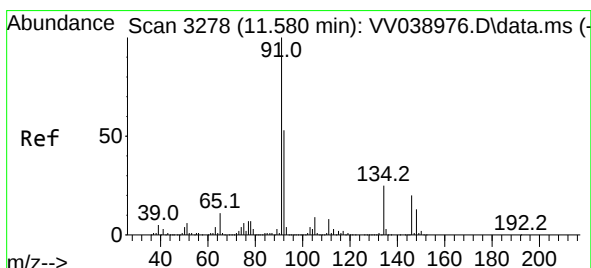
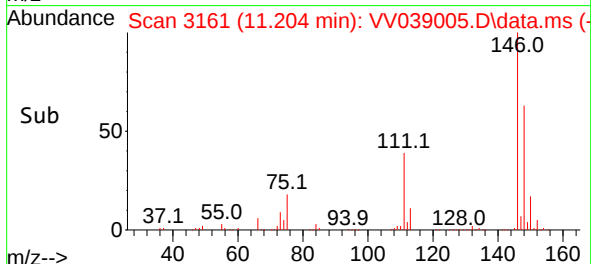
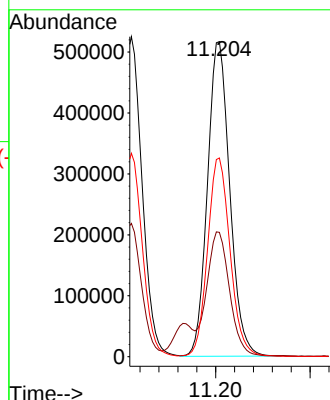
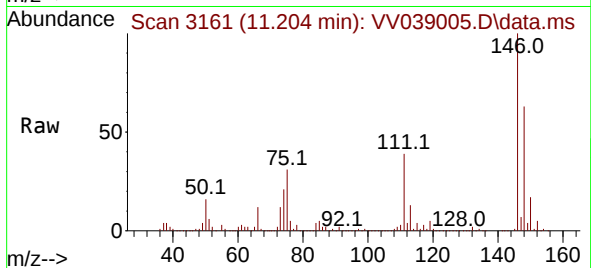
Tgt Ion:146 Resp: 846720
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 63.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#89

n-Butylbenzene

Concen: 53.227 ug/l

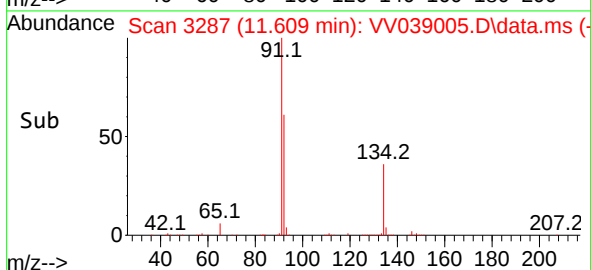
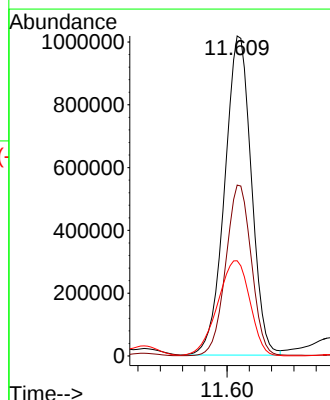
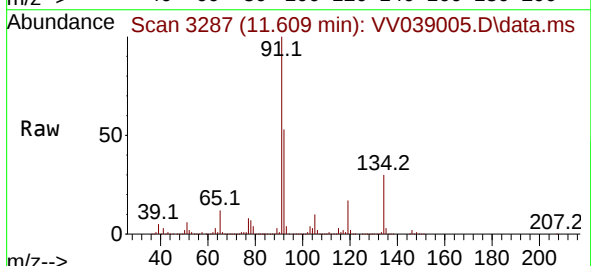
RT: 11.609 min Scan# 3287

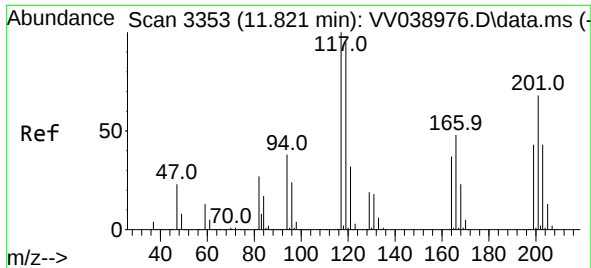
Delta R.T. 0.029 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Tgt Ion: 91 Resp: 1694177
 Ion Ratio Lower Upper
 91 100
 92 51.4 26.5 79.5
 134 36.2 12.6 37.8





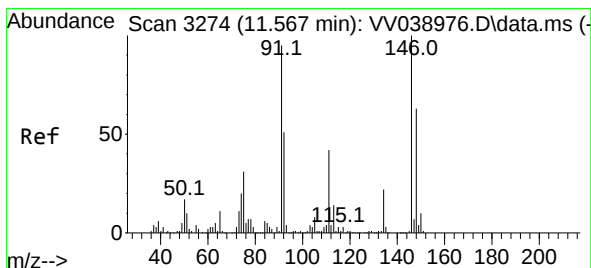
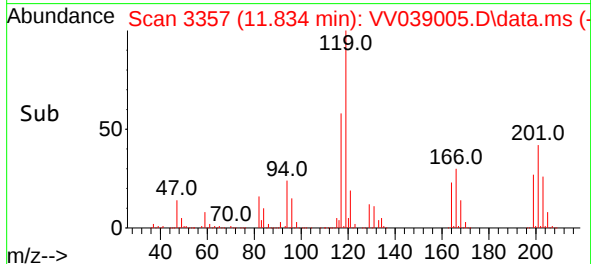
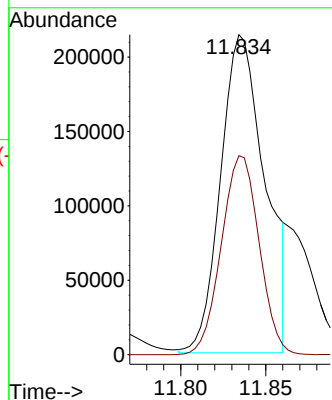
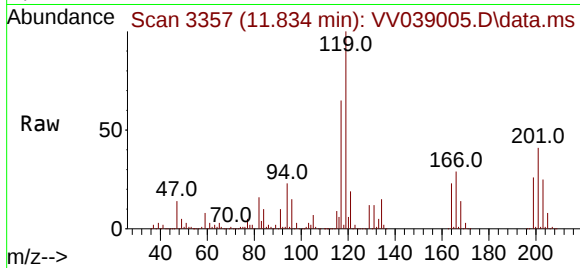
#90
Hexachloroethane
Concen: 51.358 ug/l m
RT: 11.834 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS

Tgt Ion:117 Resp: 387760
Ion Ratio Lower Upper
117 100
201 0.0 33.7 101.0

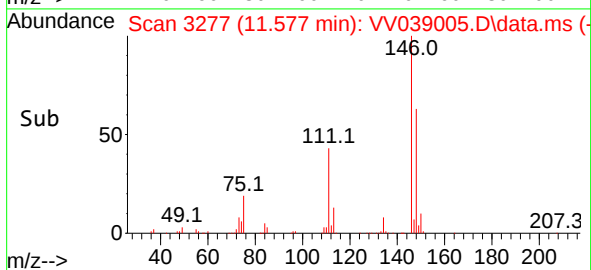
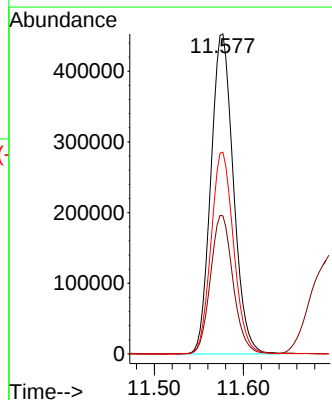
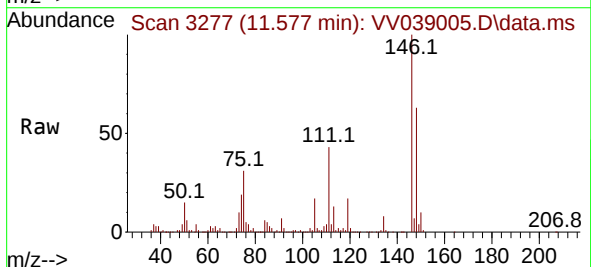
Manual Integrations
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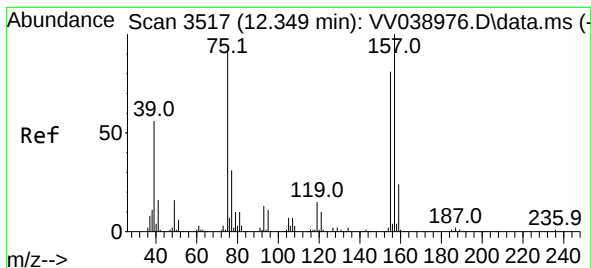
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#91
1,2-Dichlorobenzene
Concen: 46.074 ug/l
RT: 11.577 min Scan# 3277
Delta R.T. 0.010 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

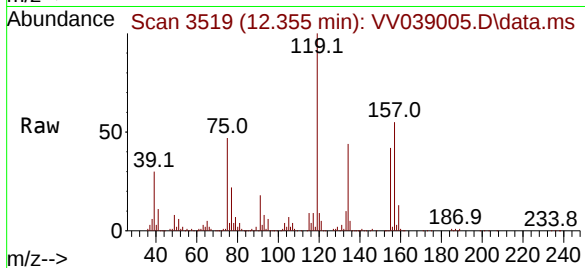
Tgt Ion:146 Resp: 795654
Ion Ratio Lower Upper
146 100
111 43.4 21.1 63.4
148 63.4 31.9 95.7





#92
1,2-Dibromo-3-Chloropropane
Concen: 45.982 ug/l
RT: 12.355 min Scan# 3517
Delta R.T. 0.006 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

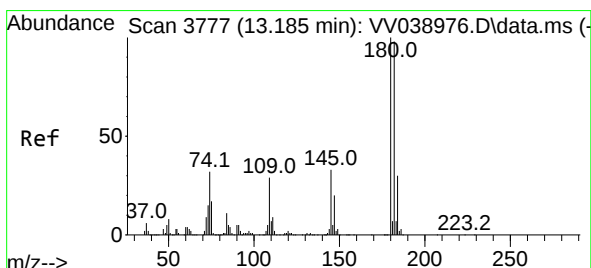
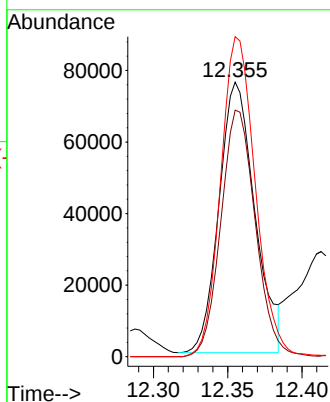
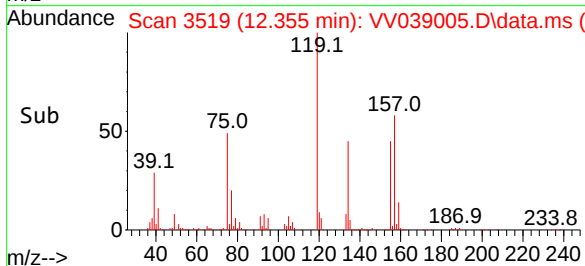
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



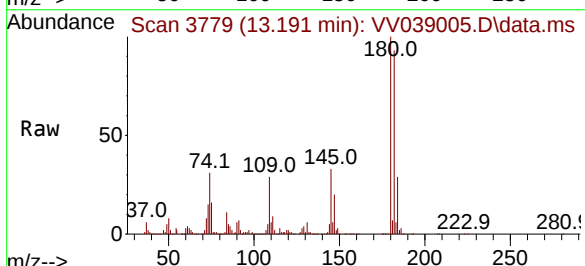
Tgt Ion: 75 Resp: 12678
Ion Ratio Lower Upper
75 100
155 88.1 43.7 131.1
157 114.9 54.1 162.3

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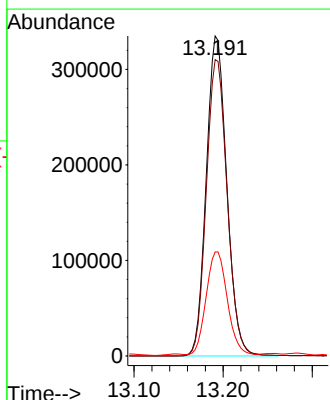
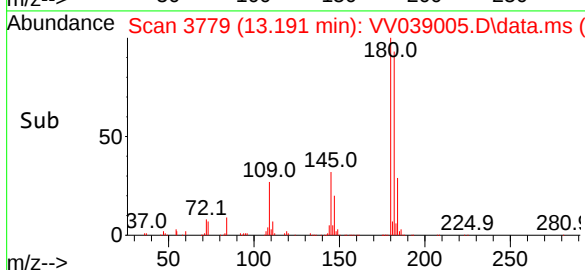
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

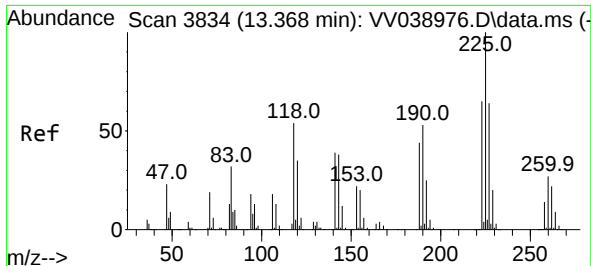


#93
1,2,4-Trichlorobenzene
Concen: 51.921 ug/l
RT: 13.191 min Scan# 3779
Delta R.T. 0.006 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20



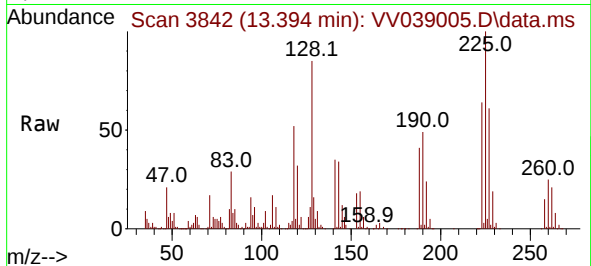
Tgt Ion:180 Resp: 535057
Ion Ratio Lower Upper
180 100
182 94.2 47.3 142.0
145 32.8 16.3 48.8





#94
Hexachlorobutadiene
Concen: 37.494 ug/l
RT: 13.394 min Scan# 3842
Delta R.T. 0.026 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

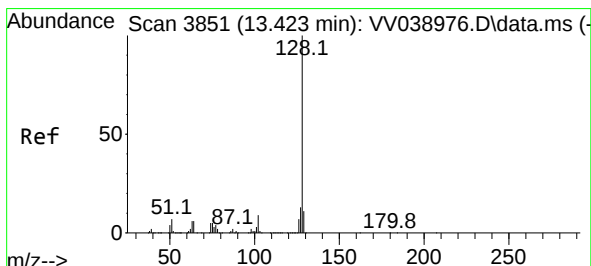
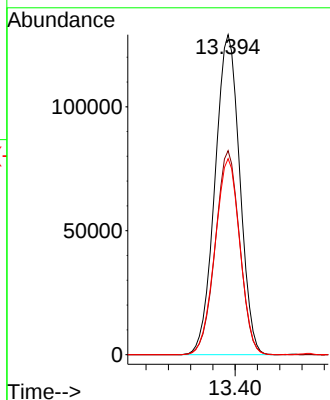
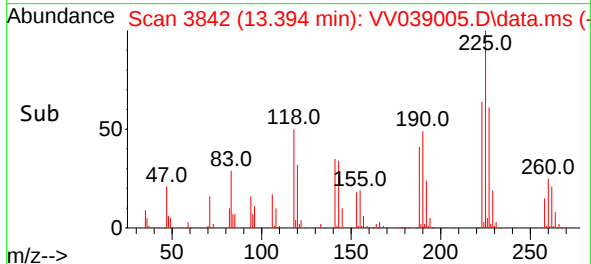
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025MS



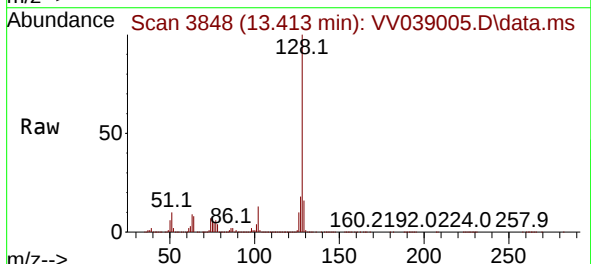
Tgt Ion:225 Resp: 199189
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.7
227 61.7 30.8 92.3

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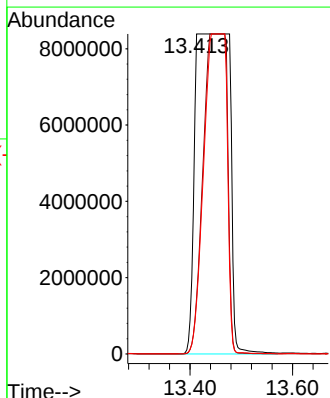
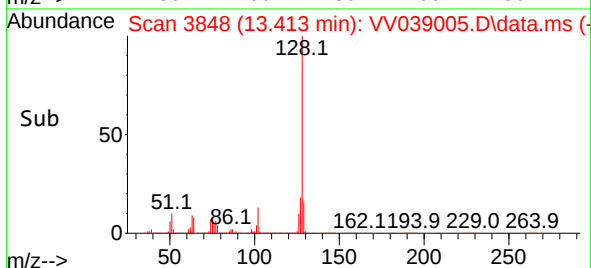
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

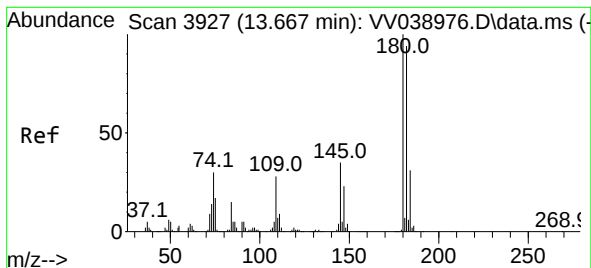


#95
Naphthalene
Concen: 1192.029 ug/l m
RT: 13.413 min Scan# 3848
Delta R.T. -0.010 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20



Tgt Ion:128 Resp:38765079
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: 51.633 ug/l

RT: 13.670 min Scan# 3928

Delta R.T. 0.003 min

Lab File: VV039005.D

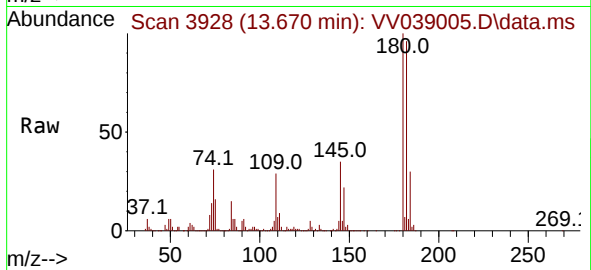
Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025MS



Tgt Ion:180 Resp: 53651

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.0

145 36.9 17.3 52.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025

