

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038977.D
 Acq On : 21 Aug 2025 11:02
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: Aug 22 03:48:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 03:31:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	550701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	884278	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	844841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	478222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	712697	92.231	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 184.460%#			
35) Dibromofluoromethane	4.497	113	613424	92.500	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 185.000%#			
50) Toluene-d8	7.236	98	2204453	95.328	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 190.660%#			
62) 4-Bromofluorobenzene	9.998	95	842918	99.640	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 199.280%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.117	85	696939	84.659	ug/l	98
3) Chloromethane	1.227	50	720174	84.691	ug/l	100
4) Vinyl Chloride	1.294	62	786147	87.618	ug/l	98
5) Bromomethane	1.484	94	466024	96.107	ug/l	99
6) Chloroethane	1.555	64	395497	86.685	ug/l	96
7) Trichlorofluoromethane	1.722	101	1058358	86.104	ug/l	100
8) Diethyl Ether	1.915	74	332159	87.874	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.076	101	565510	83.350	ug/l	99
10) Methyl Iodide	2.195	142	789507	93.530	ug/l	98
11) Tert butyl alcohol	2.567	59	476022	455.146	ug/l	99
12) 1,1-Dichloroethene	2.079	96	545715	87.314	ug/l	98
13) Acrolein	2.005	56	165898	508.443	ug/l	95
14) Allyl chloride	2.355	41	743322	89.075	ug/l	99
15) Acrylonitrile	2.670	53	1424560	447.766	ug/l	99
16) Acetone	2.114	43	1331838	429.431	ug/l	100
17) Carbon Disulfide	2.249	76	1490985	85.769	ug/l	100
18) Methyl Acetate	2.375	43	609722	92.753	ug/l	98
19) Methyl tert-butyl Ether	2.706	73	1777243	96.167	ug/l	99
20) Methylene Chloride	2.455	84	572092	79.377	ug/l	98
21) trans-1,2-Dichloroethene	2.699	96	582749	89.519	ug/l	98
22) Diisopropyl ether	3.211	45	1987071	108.453	ug/l	82
23) Vinyl Acetate	3.185	43	8187179	558.141	ug/l	97
24) 1,1-Dichloroethane	3.117	63	1036209	85.380	ug/l	98
25) 2-Butanone	3.854	43	2236977	542.714	ug/l	98
26) 2,2-Dichloropropane	3.809	77	1088482	93.492	ug/l	99
27) cis-1,2-Dichloroethene	3.815	96	784179	99.806	ug/l	97
28) Bromochloromethane	4.143	49	292623	100.333	ug/l	86
29) Tetrahydrofuran	4.227	42	1450288	540.127	ug/l	92
30) Chloroform	4.275	83	1267089	89.152	ug/l	98
31) Cyclohexane	4.580	56	1057998	97.706	ug/l	93
32) 1,1,1-Trichloroethane	4.513	97	1157242	88.813	ug/l	98
36) 1,1-Dichloropropene	4.741	75	850104	98.708	ug/l	98
37) Ethyl Acetate	3.966	43	876237	98.977	ug/l	98
38) Carbon Tetrachloride	4.735	117	1019720	88.417	ug/l	99
39) Methylcyclohexane	6.046	83	1196645	108.741	ug/l	97
40) Benzene	5.005	78	2671143	99.025	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.149	41	415678	124.217	ug/l	90
42) 1,2-Dichloroethane	5.034	62	894836	90.740	ug/l	99
43) Isopropyl Acetate	5.185	43	1387075	108.740	ug/l	98
44) Trichloroethene	5.828	130	687326	93.937	ug/l	95
45) 1,2-Dichloropropane	6.085	63	647892	100.150	ug/l	100
46) Dibromomethane	6.220	93	503062	92.674	ug/l	97
47) Bromodichloromethane	6.423	83	1009892	91.414	ug/l	98
48) Methyl methacrylate	6.291	41	685096	121.281	ug/l	92
49) 1,4-Dioxane	6.284	88	200859	2036.216	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	4546864	531.208	ug/l	100
52) Toluene	7.307	92	1740035	101.855	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	1063910	103.016	ug/l	98
54) cis-1,3-Dichloropropene	6.944	75	1122190	104.872	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	673802	90.460	ug/l	98
56) Ethyl methacrylate	7.712	69	1065415	99.491	ug/l	100
57) 1,3-Dichloropropane	7.931	76	1104406	95.087	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.808	63	2757657	500.082	ug/l	96
59) 2-Hexanone	8.062	43	3393409	496.532	ug/l	99
60) Dibromochloromethane	8.165	129	816528	90.785	ug/l	99
61) 1,2-Dibromoethane	8.271	107	737772	95.472	ug/l	100
64) Tetrachloroethene	7.895	164	611464	97.268	ug/l	99
65) Chlorobenzene	8.802	112	1929757	94.736	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	687236	93.983	ug/l	99
67) Ethyl Benzene	8.934	91	3375810	108.559	ug/l	99
68) m/p-Xylenes	9.062	106	2653633	219.724	ug/l	99
69) o-Xylene	9.468	106	1249877	113.545	ug/l	99
70) Styrene	9.484	104	2192468	116.094	ug/l	100
71) Bromoform	9.654	173	581951	96.423	ug/l #	99
73) Isopropylbenzene	9.857	105	3362102	104.771	ug/l	100
74) N-amyl acetate	9.722	43	1309039	112.322	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	1073425	84.227	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	863782m	98.221	ug/l	
77) Bromobenzene	10.140	156	802878	97.379	ug/l	99
78) n-propylbenzene	10.278	91	4043218	105.529	ug/l	99
79) 2-Chlorotoluene	10.349	91	2363524	100.509	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	2904548	107.553	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	411068	106.395	ug/l	100
82) 4-Chlorotoluene	10.461	91	2828682	106.686	ug/l	100
83) tert-Butylbenzene	10.789	119	2890372	107.787	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	2880593	111.462	ug/l	99
85) sec-Butylbenzene	11.011	105	3719526	106.655	ug/l	99
86) p-Isopropyltoluene	11.165	119	3152081	107.327	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	1590286	97.680	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	1609343	92.669	ug/l	99
89) n-Butylbenzene	11.580	91	3060449	106.959	ug/l	99
90) Hexachloroethane	11.821	117	613323	90.362	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	1496200	96.379	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.348	75	244279	98.554	ug/l	98
93) 1,2,4-Trichlorobenzene	13.184	180	1018817	109.977	ug/l	100
94) Hexachlorobutadiene	13.368	225	435956	91.285	ug/l	99
95) Naphthalene	13.422	128	3541220	121.132	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	1017498	108.929	ug/l	99

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ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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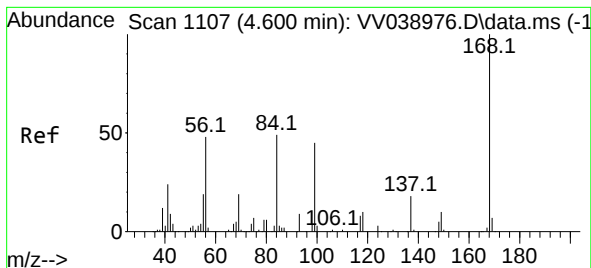
Quant Time: Aug 22 03:48:50 2025
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Response via : Initial Calibration

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

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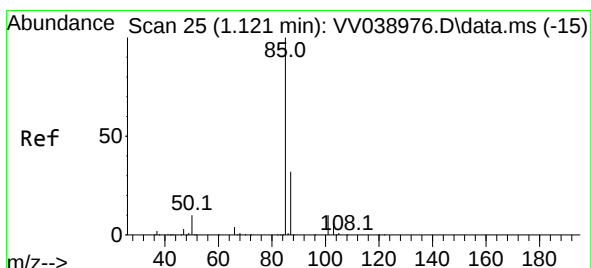
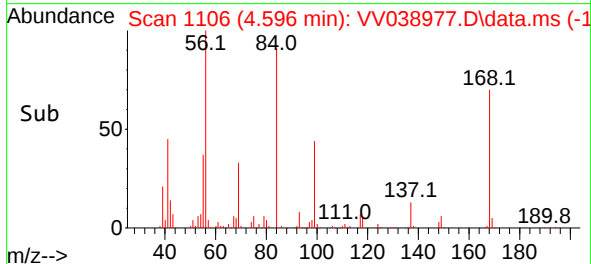
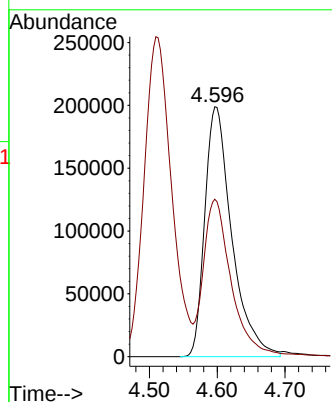
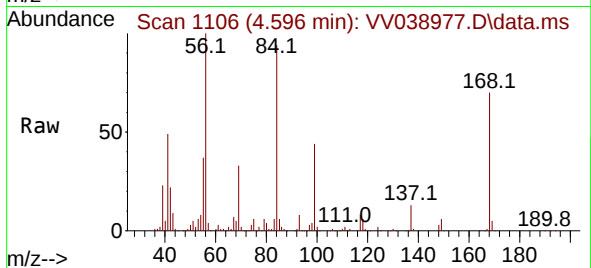
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 1107
Delta R.T. -0.004 min
Lab File: VV038977.D
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Instrument :
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ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 55070
Ion Ratio Lower Upper
168 100
99 61.7 47.0 70.6

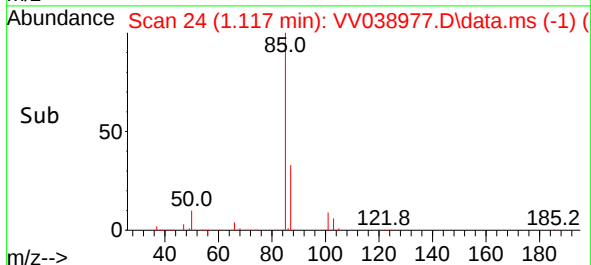
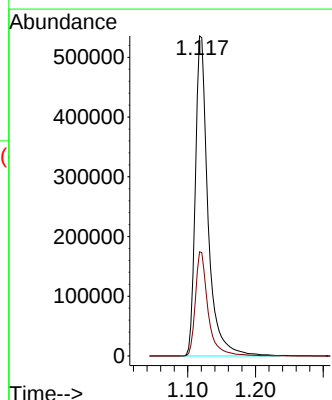
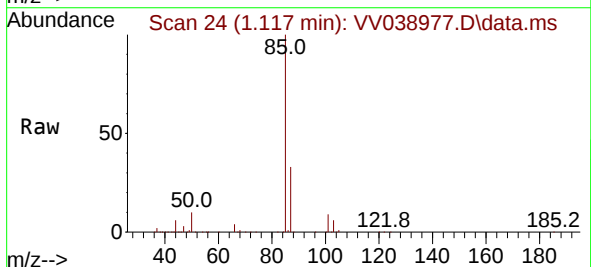
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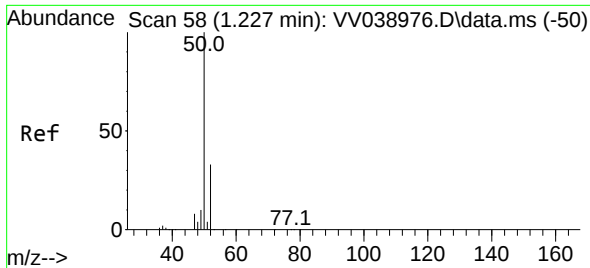
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#2
Dichlorodifluoromethane
Concen: 84.659 ug/l
RT: 1.117 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

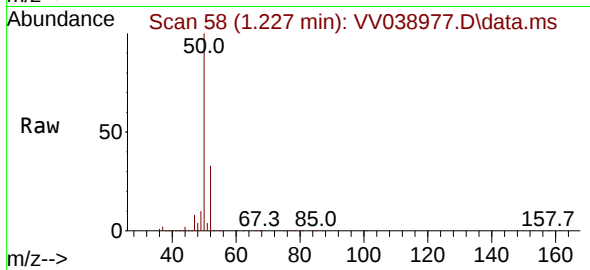
Tgt Ion: 85 Resp: 696939
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.3





#3
Chloromethane
Concen: 84.691 ug/l
RT: 1.227 min Scan# 58
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

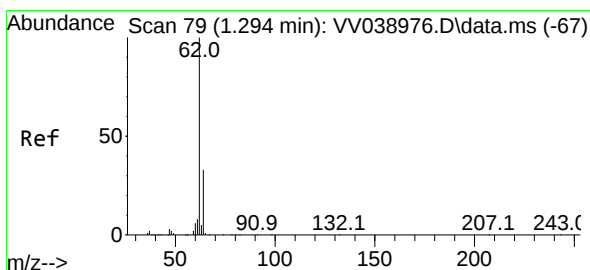
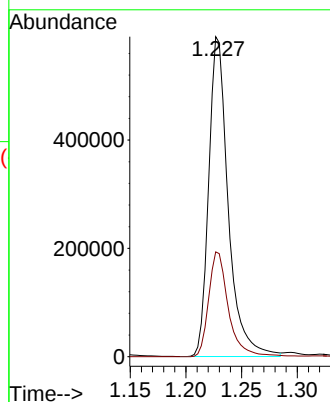
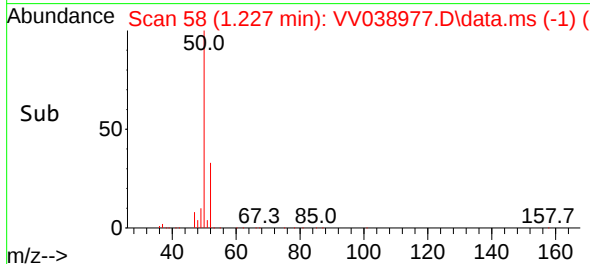
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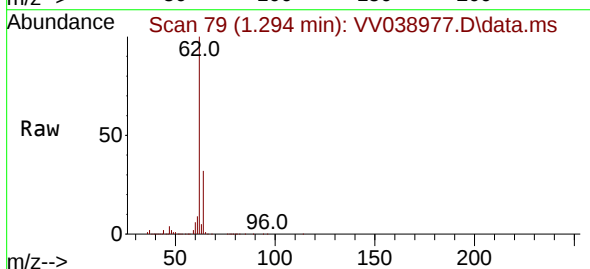
Tgt Ion: 50 Resp: 720174
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2

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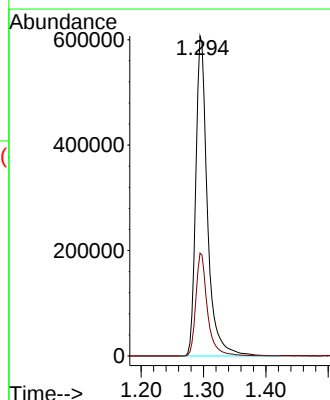
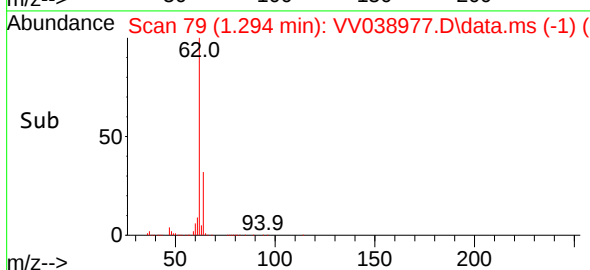
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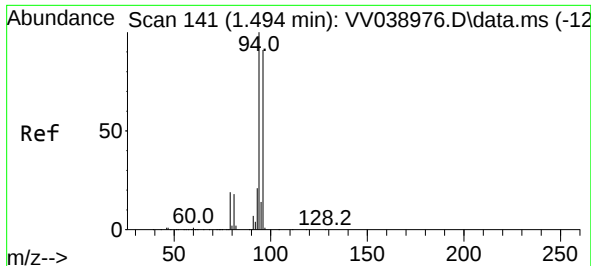


#4
Vinyl Chloride
Concen: 87.618 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02



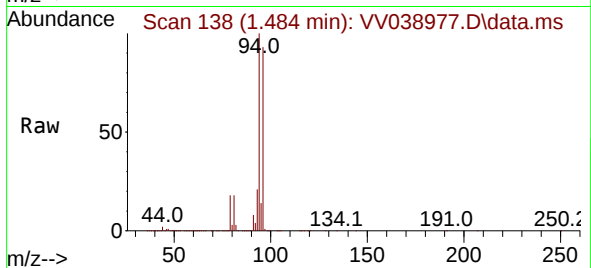
Tgt Ion: 62 Resp: 786147
Ion Ratio Lower Upper
62 100
64 32.1 26.4 39.6





#5
Bromomethane
Concen: 96.107 ug/l
RT: 1.484 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

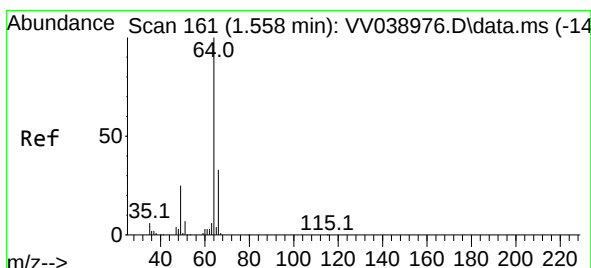
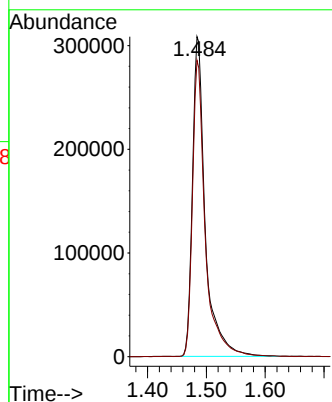
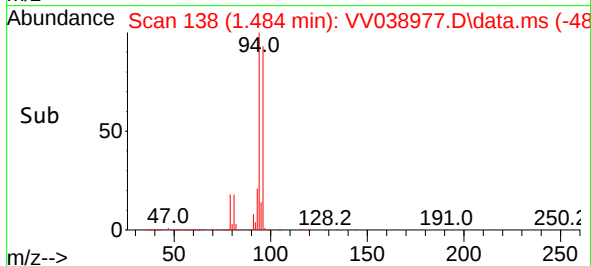
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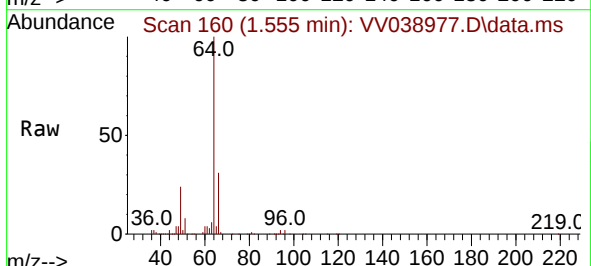
Tgt Ion: 94 Resp: 466024
Ion Ratio Lower Upper
94 100
96 92.6 73.1 109.7

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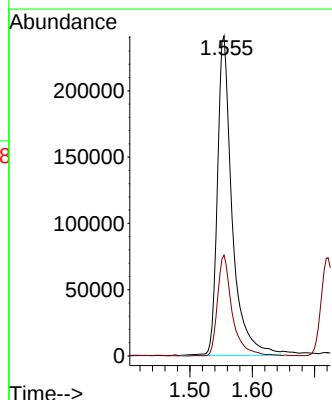
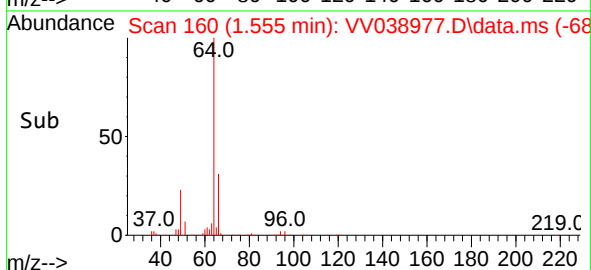
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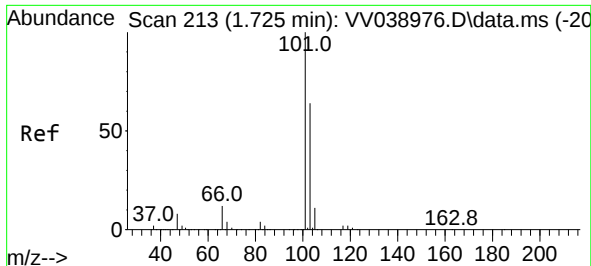


#6
Chloroethane
Concen: 86.685 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.003 min
Lab File: VV038977.D
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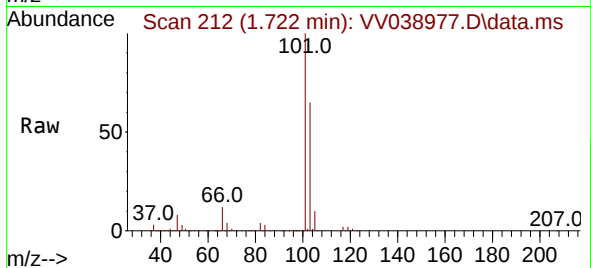
Tgt Ion: 64 Resp: 395497
Ion Ratio Lower Upper
64 100
66 31.5 26.8 40.2





#7
Trichlorofluoromethane
Concen: 86.104 ug/l
RT: 1.722 min Scan# 213
Delta R.T. -0.003 min
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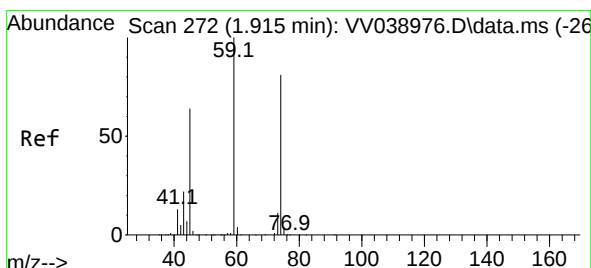
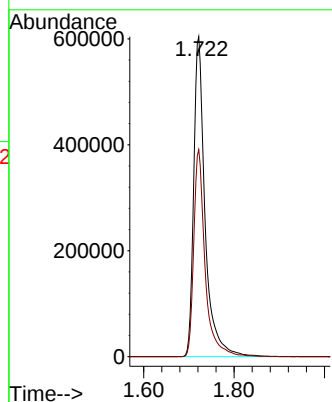
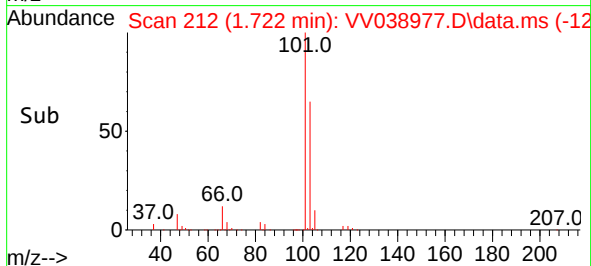
Instrument :
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Tgt Ion:101 Resp: 105835
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

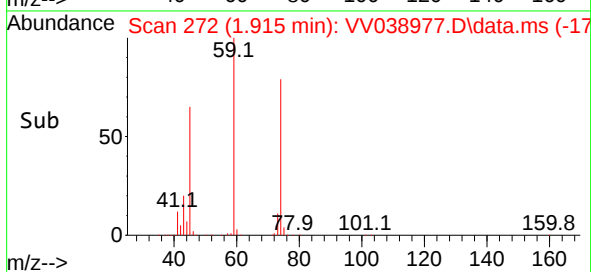
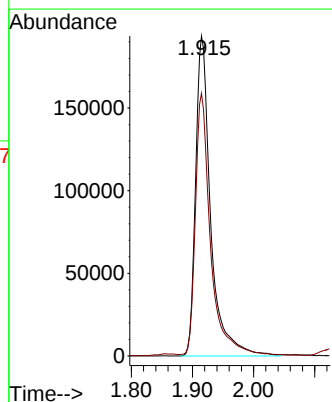
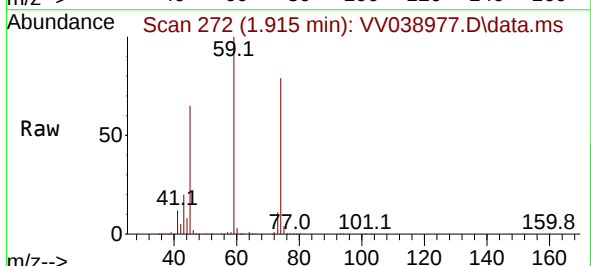
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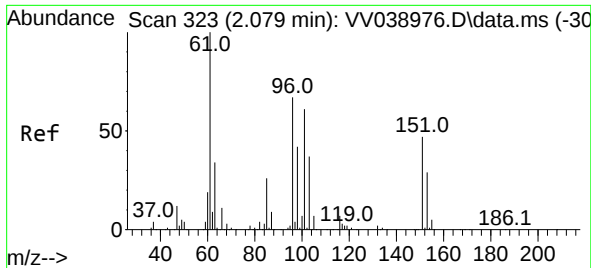
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#8
Diethyl Ether
Concen: 87.874 ug/l
RT: 1.915 min Scan# 272
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Tgt Ion: 74 Resp: 332159
Ion Ratio Lower Upper
74 100
45 81.0 39.8 119.4





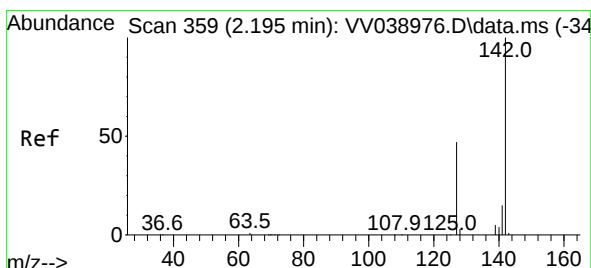
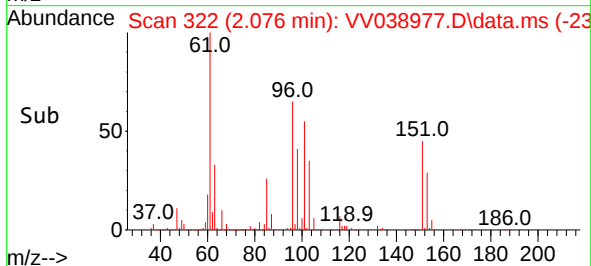
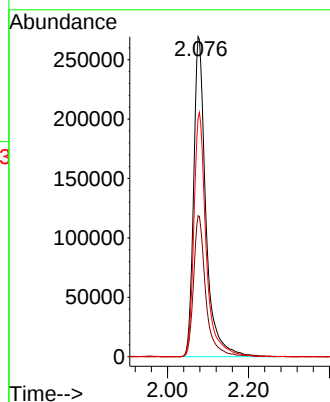
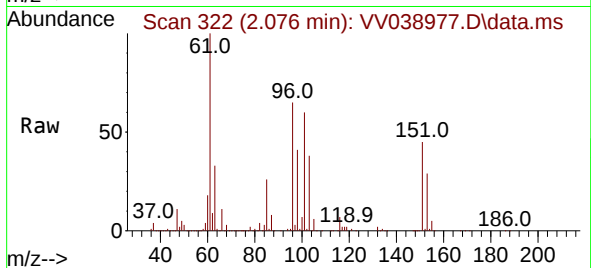
#9
1,1,2-Trichlorotrifluoroethane
Concen: 83.350 ug/l
RT: 2.076 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 565510
Ion Ratio Lower Upper
101 100
85 43.9 34.6 51.8
151 76.7 62.1 93.1

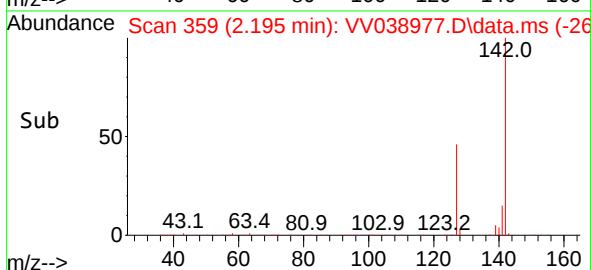
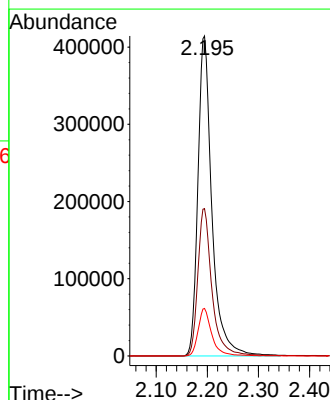
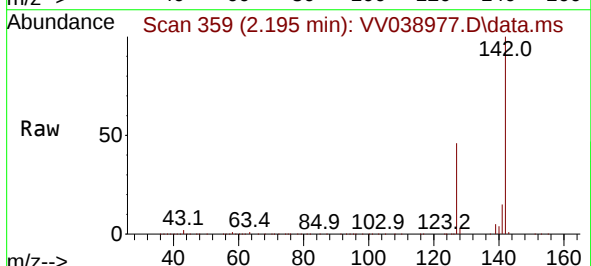
Manual Integrations
APPROVED

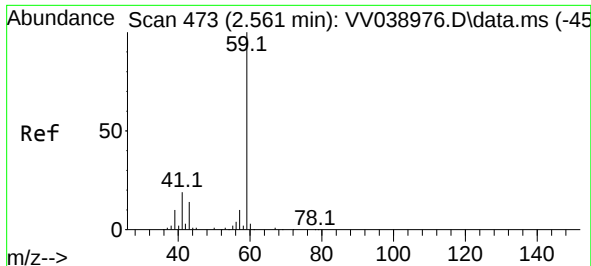
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#10
Methyl Iodide
Concen: 93.530 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Tgt Ion:142 Resp: 789507
Ion Ratio Lower Upper
142 100
127 46.5 38.6 57.8
141 14.4 11.4 17.2





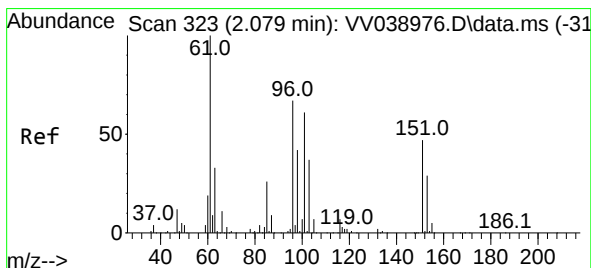
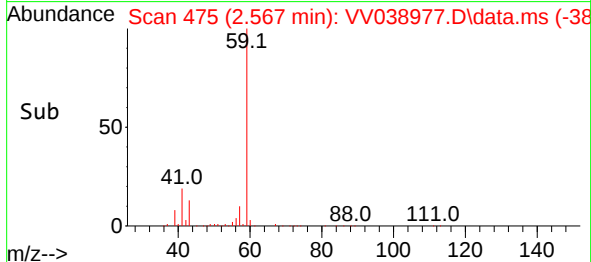
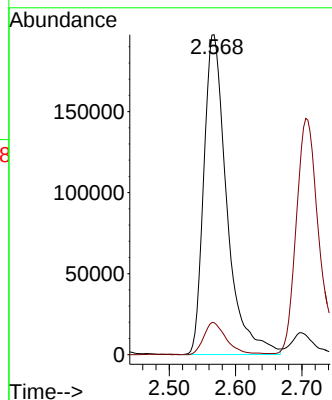
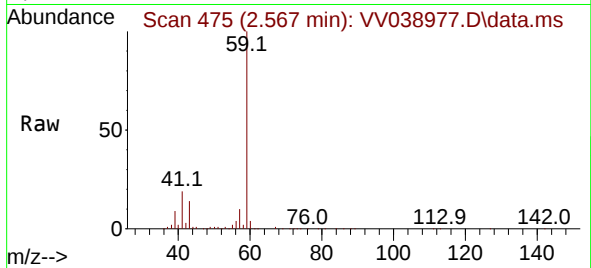
#11
Tert butyl alcohol
Concen: 455.146 ug/l
RT: 2.567 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 47602
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1

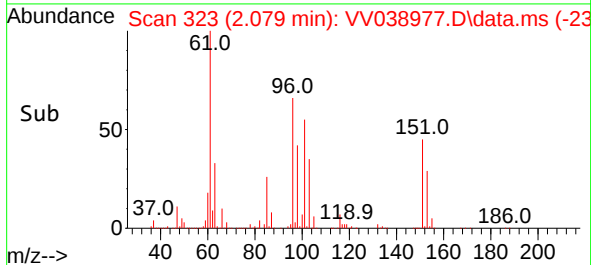
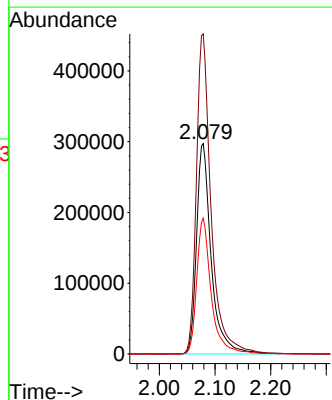
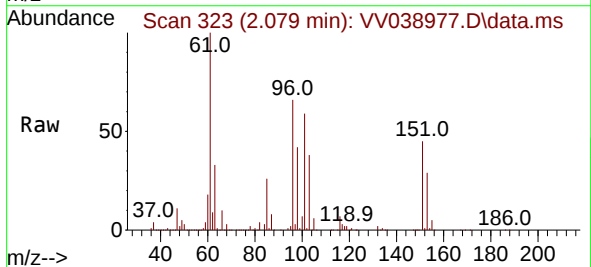
Manual Integrations
APPROVED

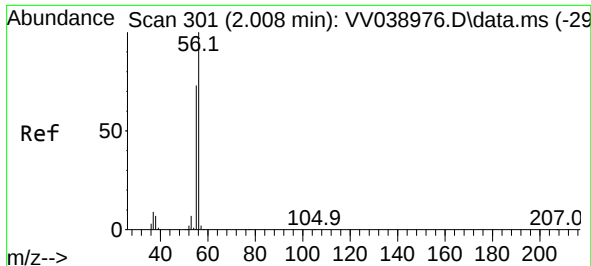
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#12
1,1-Dichloroethene
Concen: 87.314 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

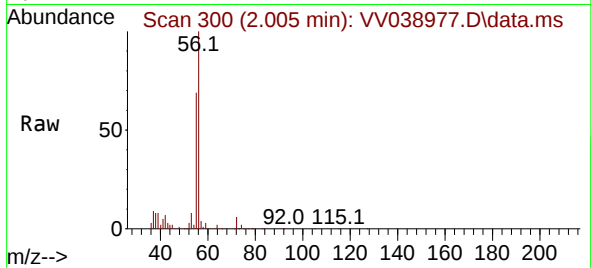
Tgt Ion: 96 Resp: 545715
Ion Ratio Lower Upper
96 100
61 152.1 119.8 179.8
98 64.6 50.2 75.2





#13
Acrolein
Concen: 508.443 ug/l
RT: 2.005 min Scan# 301
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

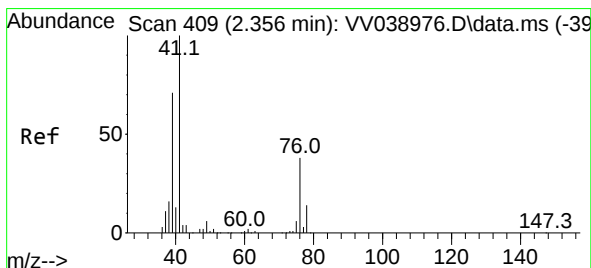
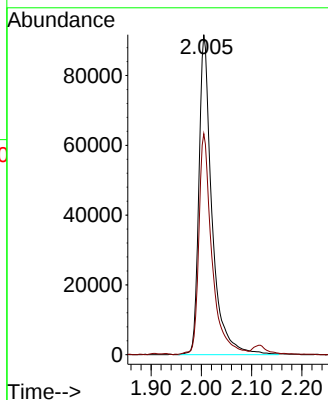
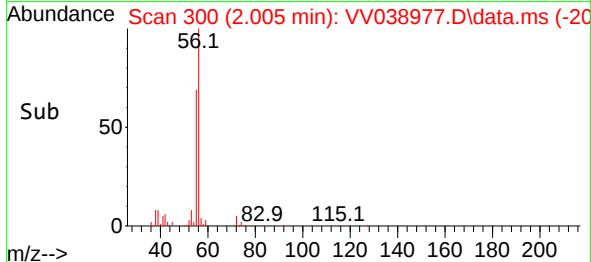
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 165898
Ion Ratio Lower Upper
56 100
55 69.5 58.8 88.2

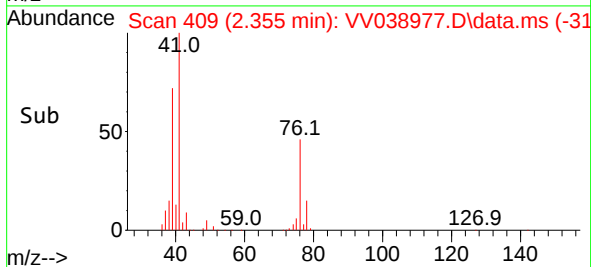
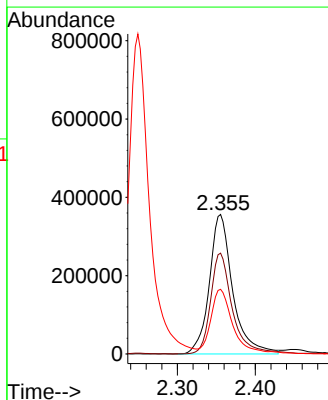
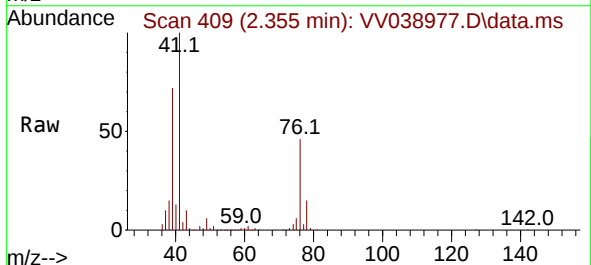
Manual Integrations
APPROVED

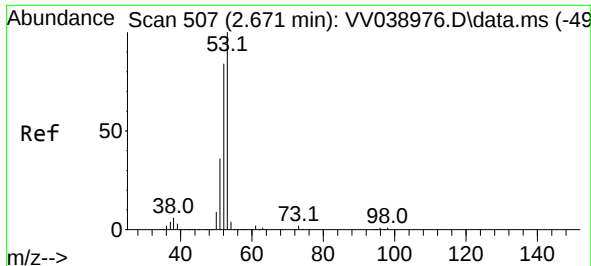
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#14
Allyl chloride
Concen: 89.075 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

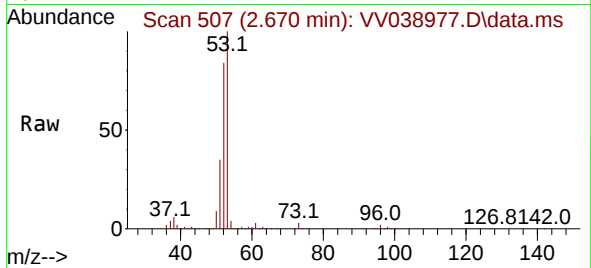
Tgt Ion: 41 Resp: 743322
Ion Ratio Lower Upper
41 100
39 67.4 55.0 82.4
76 44.0 35.6 53.4





#15
Acrylonitrile
Concen: 447.766 ug/l
RT: 2.670 min Scan# 507
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

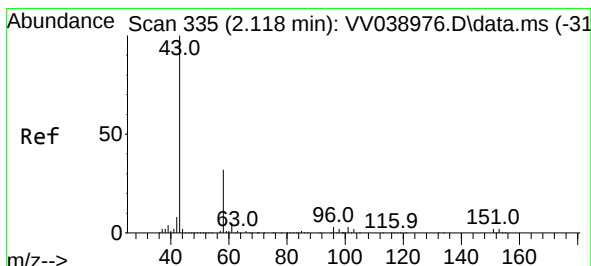
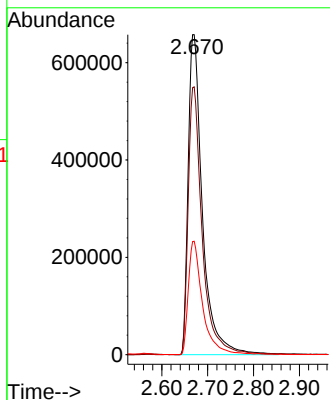
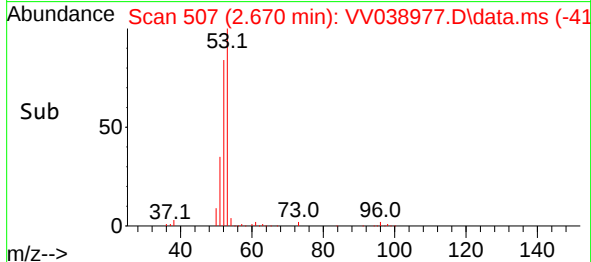
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



Tgt Ion: 53 Resp: 1424560
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.4
51 35.5 28.5 42.7

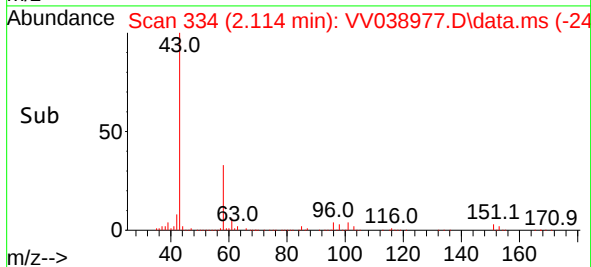
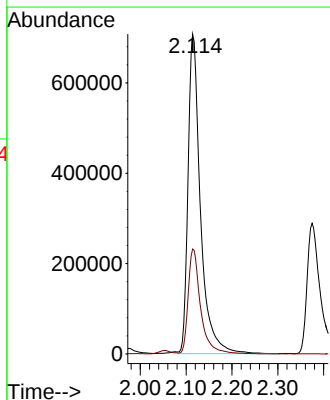
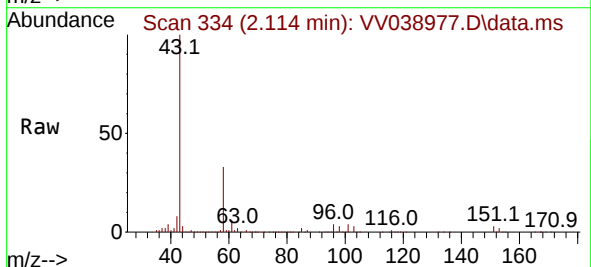
Manual Integrations
APPROVED

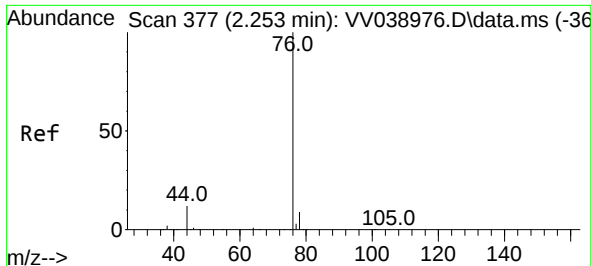
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#16
Acetone
Concen: 429.431 ug/l
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

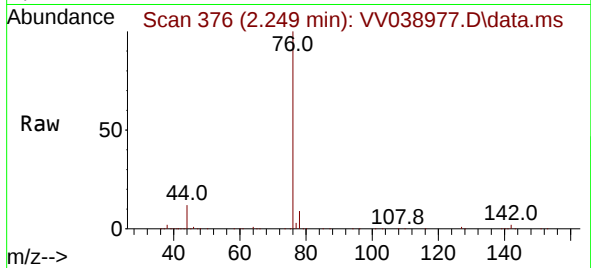
Tgt Ion: 43 Resp: 1331838
Ion Ratio Lower Upper
43 100
58 32.8 26.3 39.5





#17
Carbon Disulfide
Concen: 85.769 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

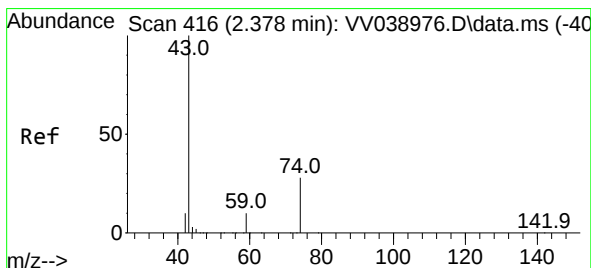
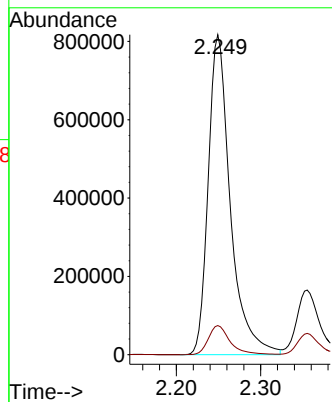
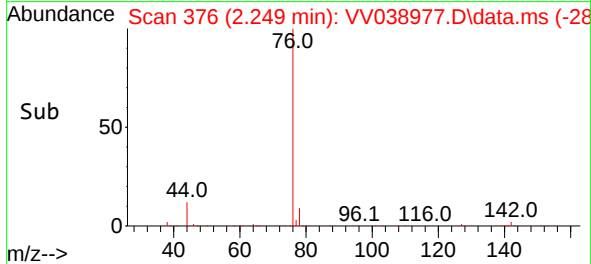
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



Tgt Ion: 76 Resp: 149098
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

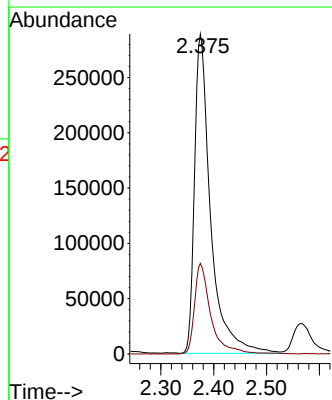
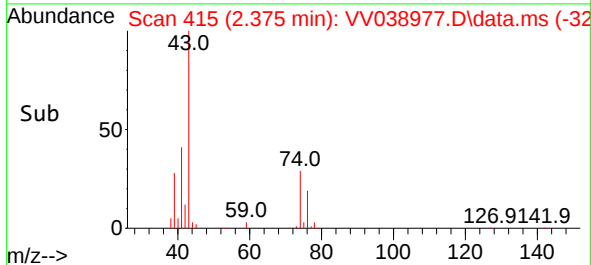
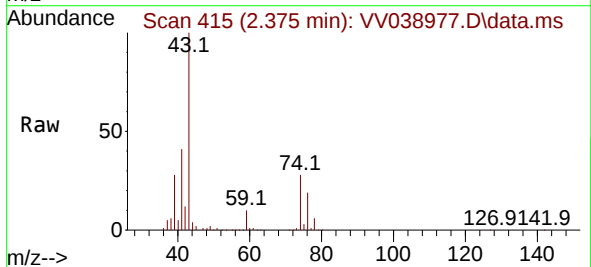
Manual Integrations
APPROVED

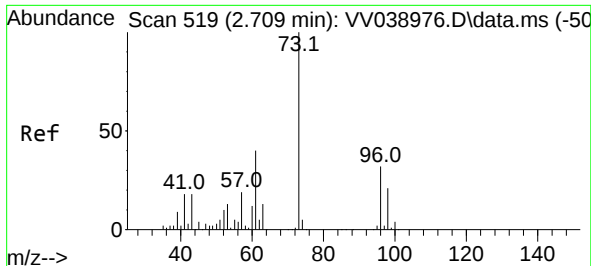
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#18
Methyl Acetate
Concen: 92.753 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Tgt Ion: 43 Resp: 609722
Ion Ratio Lower Upper
43 100
74 28.5 23.5 35.3





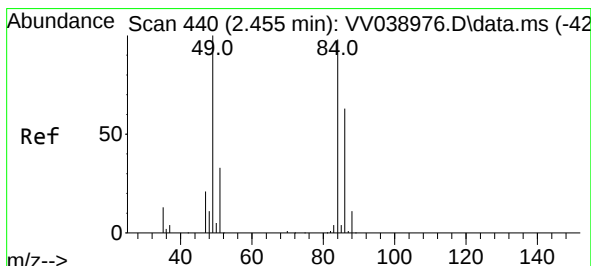
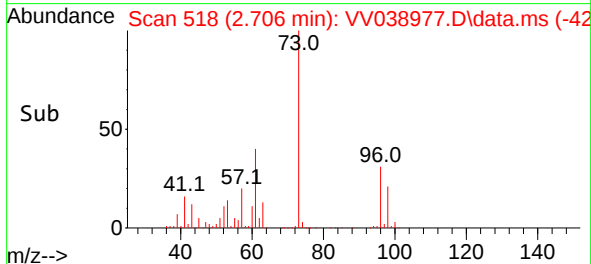
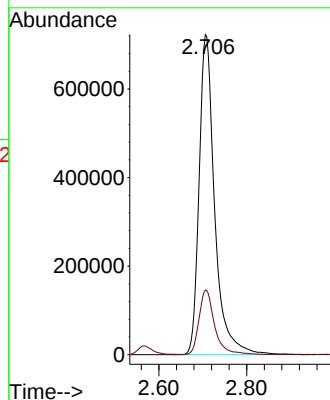
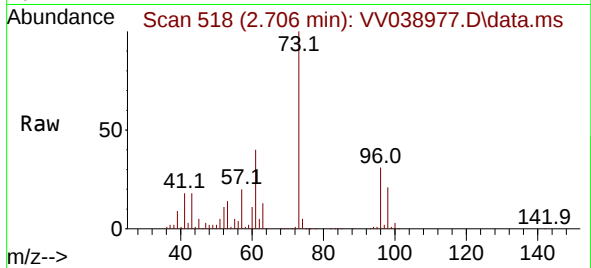
#19
Methyl tert-butyl Ether
Concen: 96.167 ug/l
RT: 2.706 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 177724
Ion Ratio Lower Upper
73 100
57 20.1 15.7 23.5

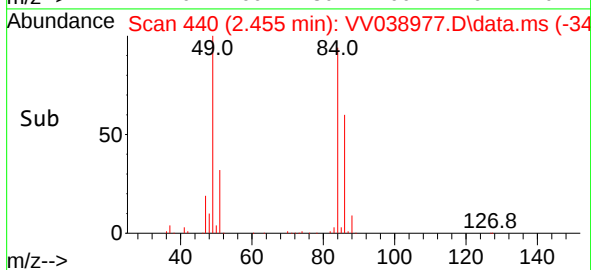
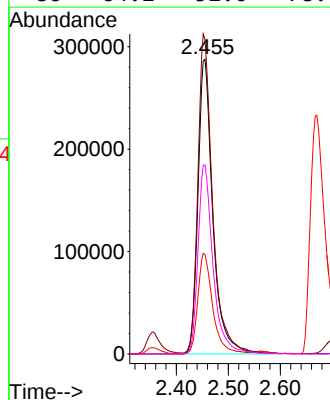
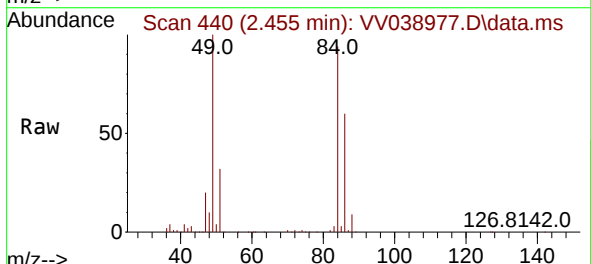
Manual Integrations
APPROVED

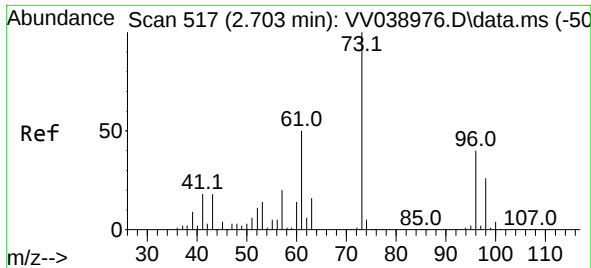
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#20
Methylene Chloride
Concen: 79.377 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Tgt Ion: 84 Resp: 572092
Ion Ratio Lower Upper
84 100
49 106.6 81.9 122.9
51 33.6 26.9 40.3
86 64.2 52.0 78.0





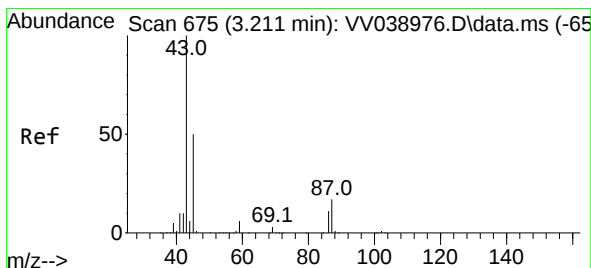
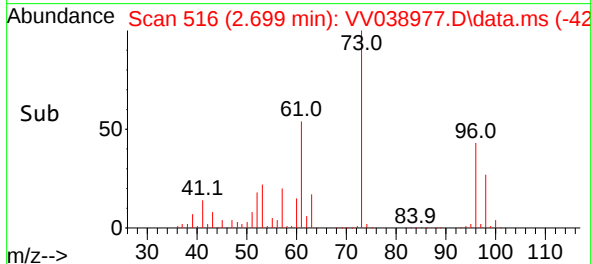
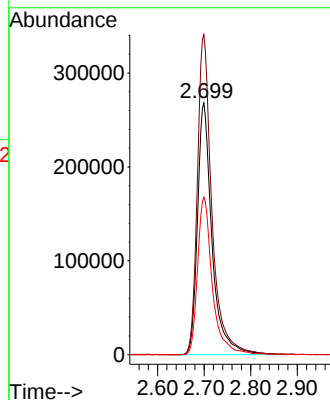
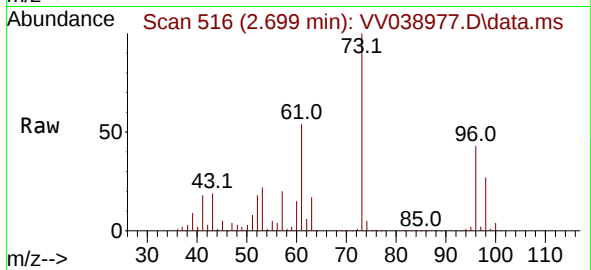
#21
trans-1,2-Dichloroethene
Concen: 89.519 ug/l
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 582749
Ion Ratio Lower Upper
96 100
61 127.2 100.6 151.0
98 62.6 51.5 77.3

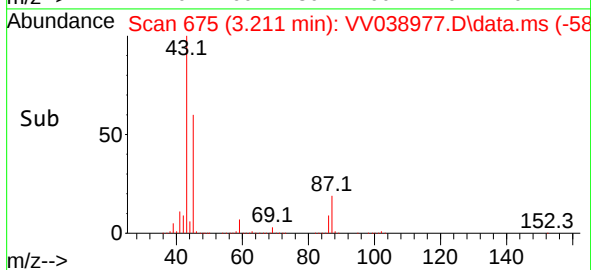
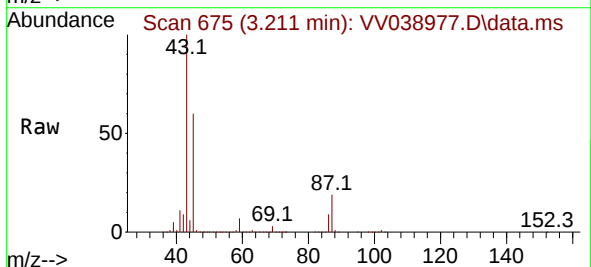
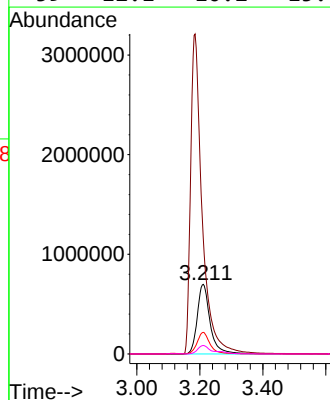
Manual Integrations
APPROVED

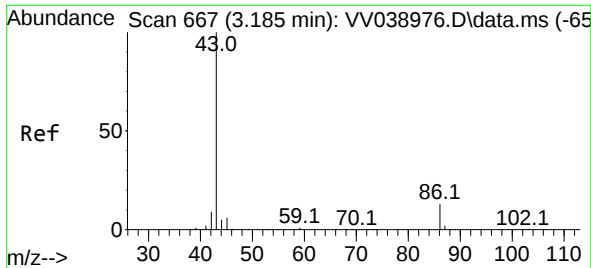
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#22
Diisopropyl ether
Concen: 108.453 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

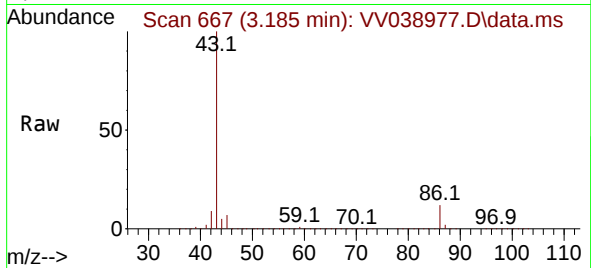
Tgt Ion: 45 Resp: 1987071
Ion Ratio Lower Upper
45 100
43 167.2 159.4 239.0
87 31.1 27.5 41.3
59 12.1 10.2 15.4





#23
 Vinyl Acetate
 Concen: 558.141 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. -0.000 min
 Lab File: VV038977.D
 Acq: 21 Aug 2025 11:02

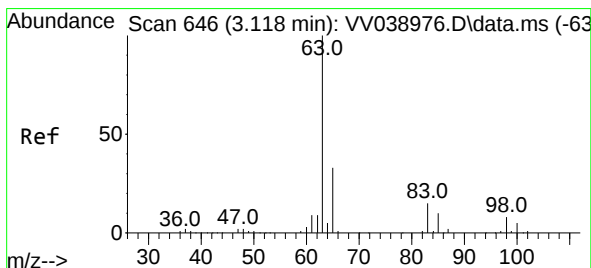
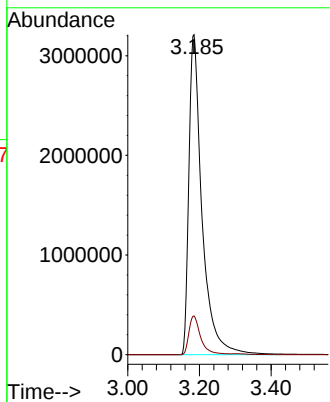
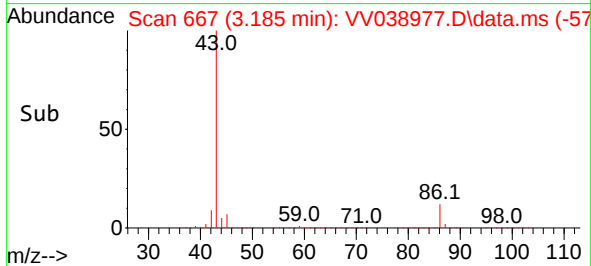
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100



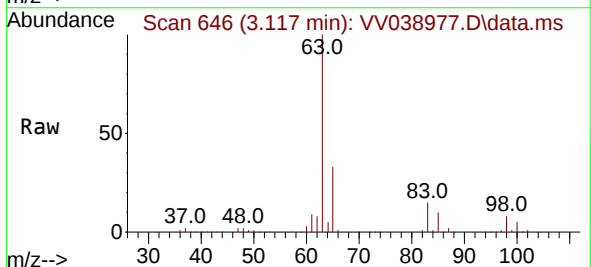
Tgt Ion: 43 Resp: 8187179
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.7 16.1

Manual Integrations
 APPROVED

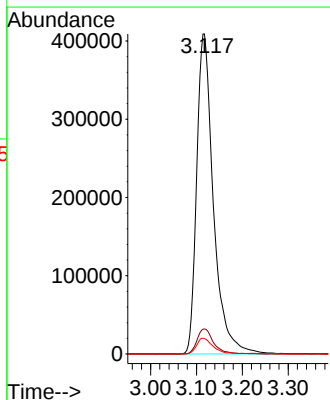
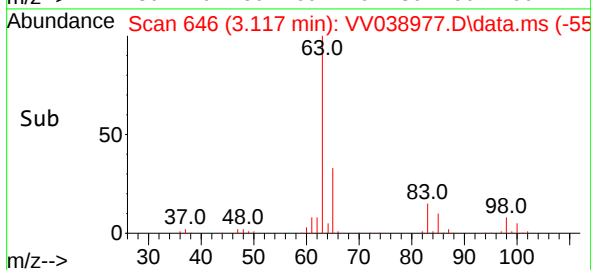
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

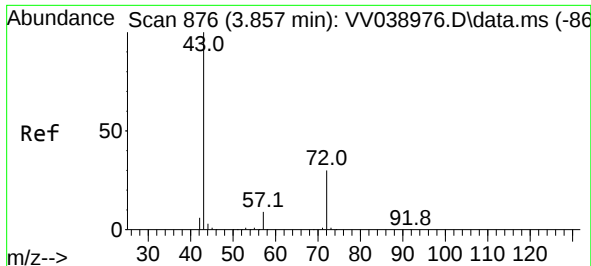


#24
 1,1-Dichloroethane
 Concen: 85.380 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV038977.D
 Acq: 21 Aug 2025 11:02



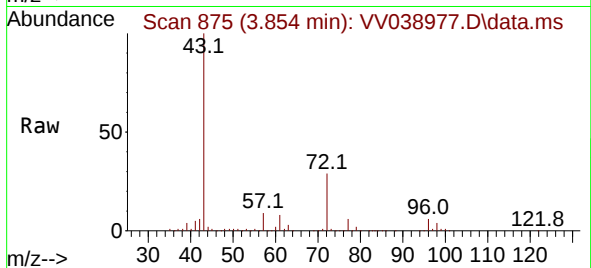
Tgt Ion: 63 Resp: 1036209
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.3 12.8
 100 4.8 2.6 8.0





#25
2-Butanone
Concen: 542.714 ug/l
RT: 3.854 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

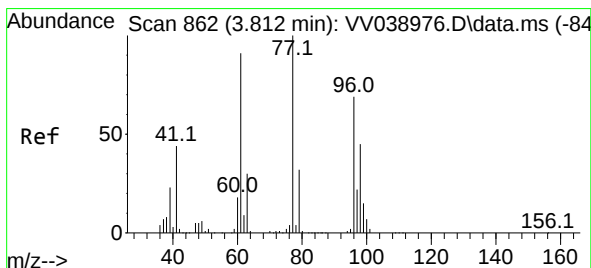
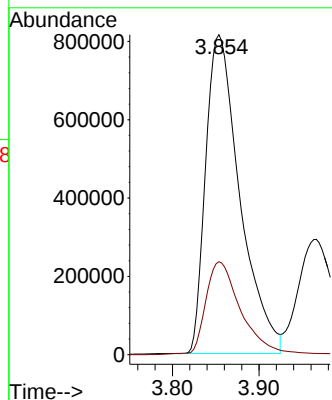
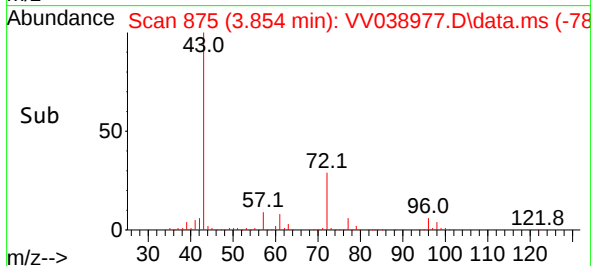
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 223697
Ion Ratio Lower Upper
43 100
72 28.7 23.9 35.9

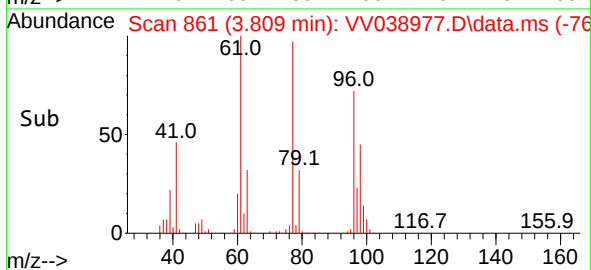
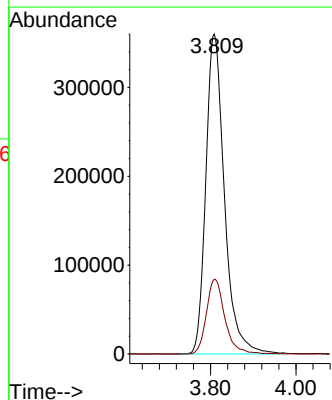
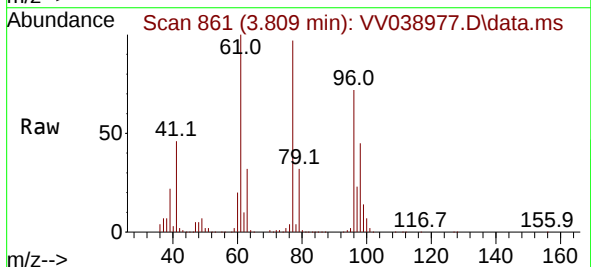
Manual Integrations
APPROVED

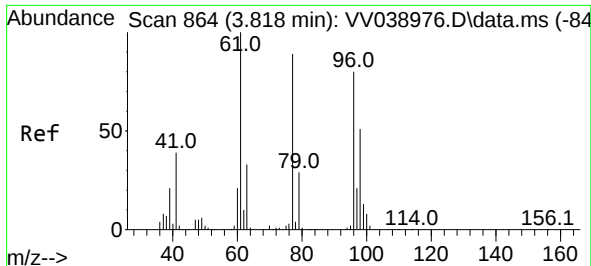
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#26
2,2-Dichloropropane
Concen: 93.492 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Tgt Ion: 77 Resp: 1088482
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.8





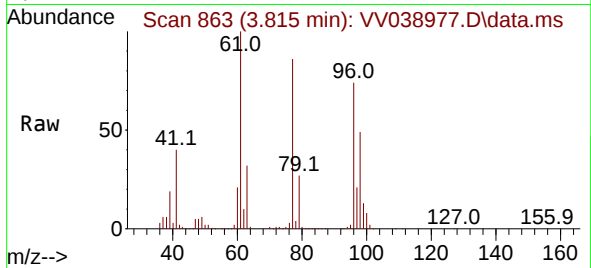
#27
 cis-1,2-Dichloroethene
 Concen: 99.806 ug/l
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV038977.D
 Acq: 21 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

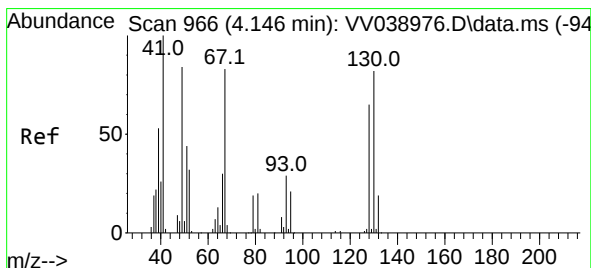
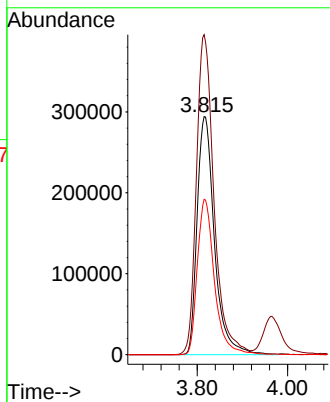
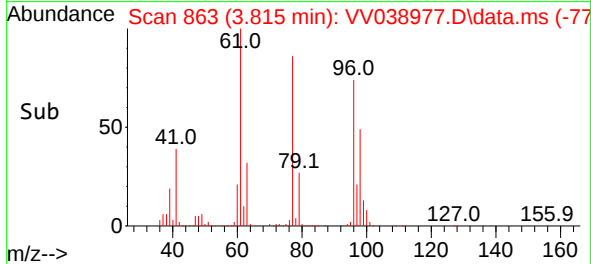


Tgt Ion: 96 Resp: 784179
 Ion Ratio Lower Upper
 96 100
 61 136.4 0.0 264.4
 98 64.4 0.0 131.8

Manual Integrations

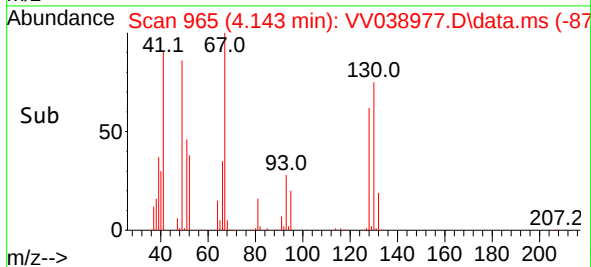
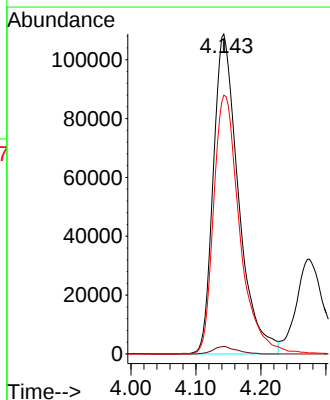
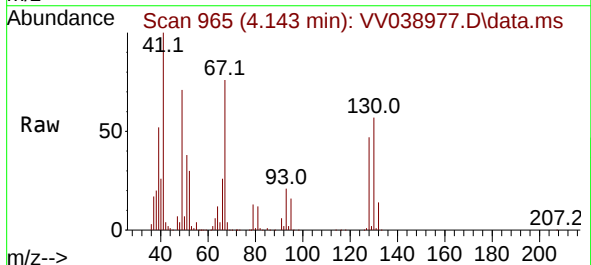
APPROVED

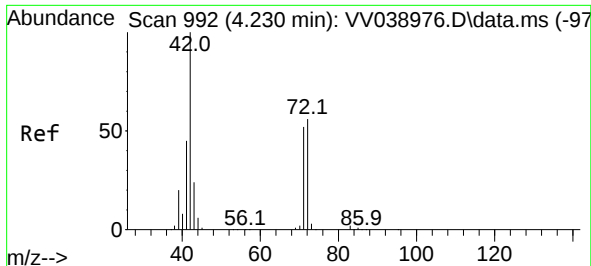
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#28
 Bromochloromethane
 Concen: 100.333 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. -0.003 min
 Lab File: VV038977.D
 Acq: 21 Aug 2025 11:02

Tgt Ion: 49 Resp: 292623
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.2
 130 83.8 78.2 117.2





#29

Tetrahydrofuran

Concen: 540.127 ug/l

RT: 4.227 min Scan# 991

Delta R.T. -0.003 min

Lab File: VV038977.D

Acq: 21 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 145028

Ion Ratio Lower Upper

42 100

72 50.1 44.6 66.8

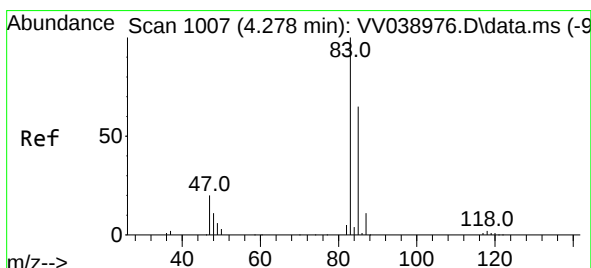
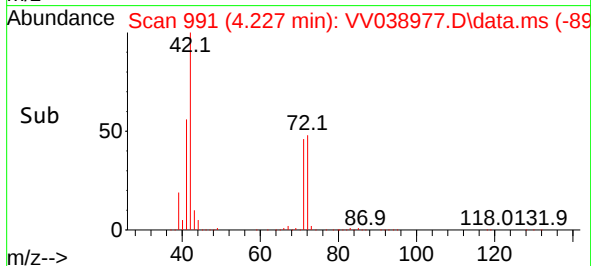
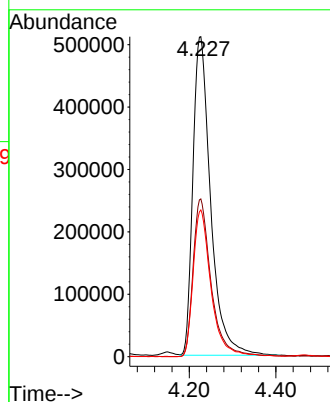
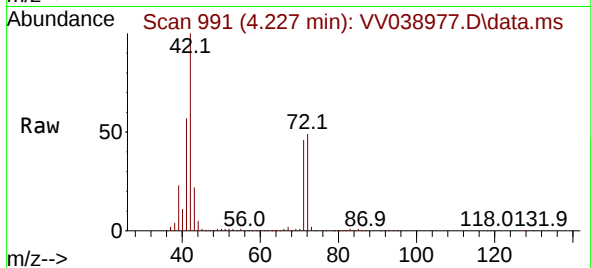
71 46.8 41.6 62.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#30

Chloroform

Concen: 89.152 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV038977.D

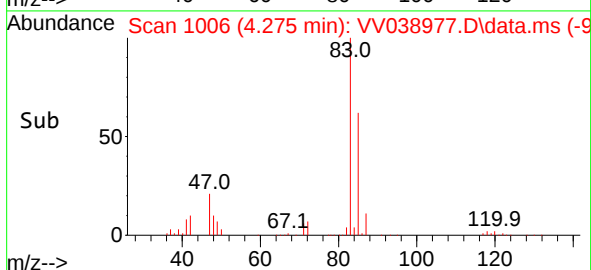
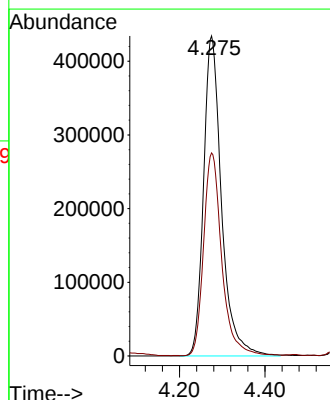
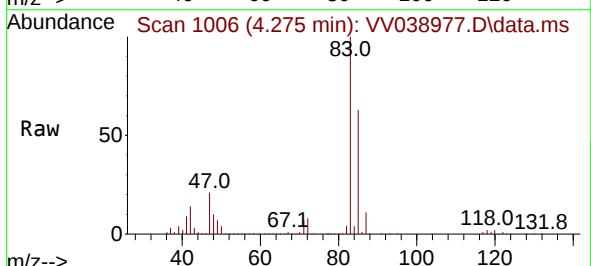
Acq: 21 Aug 2025 11:02

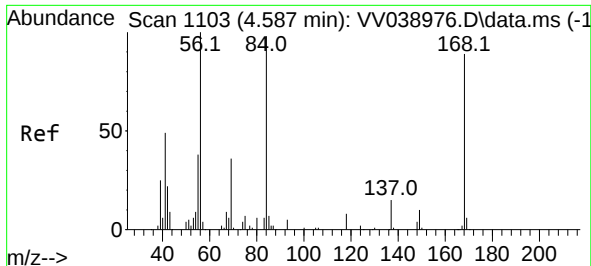
Tgt Ion: 83 Resp: 1267089

Ion Ratio Lower Upper

83 100

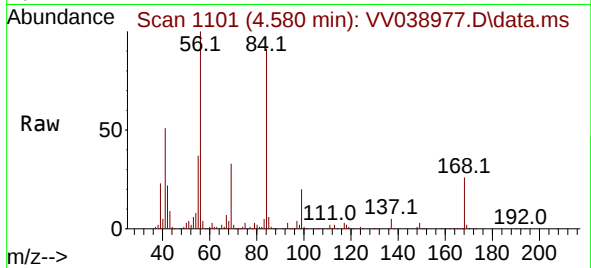
85 63.3 52.2 78.2





#31
Cyclohexane
Concen: 97.706 ug/l
RT: 4.580 min Scan# 1103
Delta R.T. -0.007 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

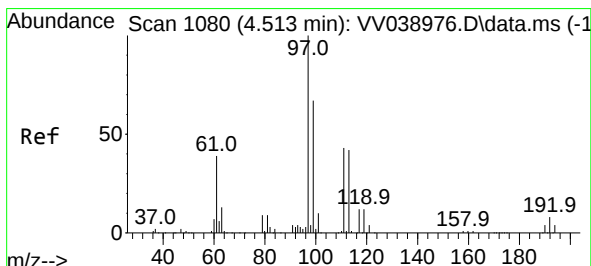
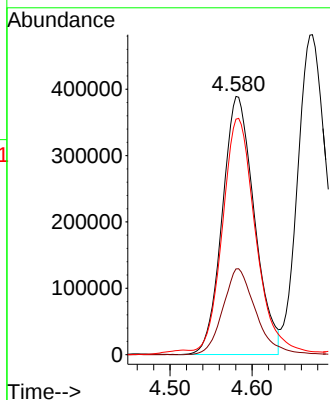
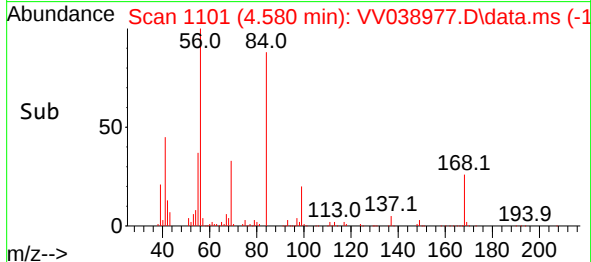
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 1057998
Ion Ratio Lower Upper
56 100
69 33.2 28.6 42.8
84 89.6 78.1 117.1

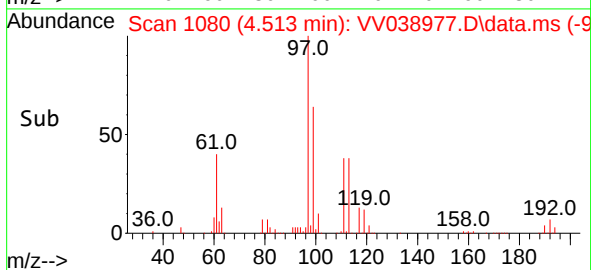
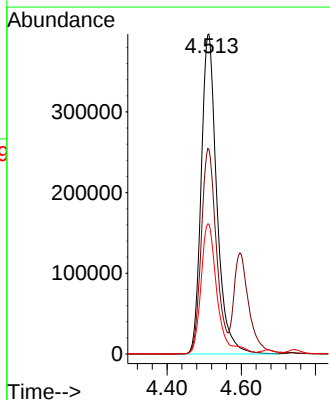
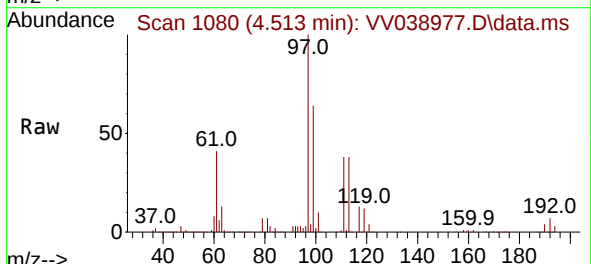
Manual Integrations
APPROVED

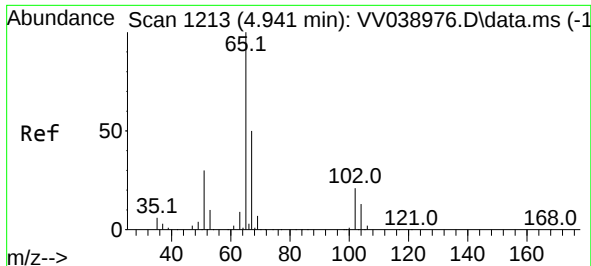
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#32
1,1,1-Trichloroethane
Concen: 88.813 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Tgt Ion: 97 Resp: 1157242
Ion Ratio Lower Upper
97 100
99 62.1 49.5 74.3
61 42.1 30.9 46.3





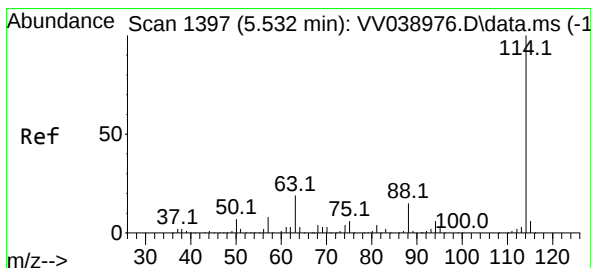
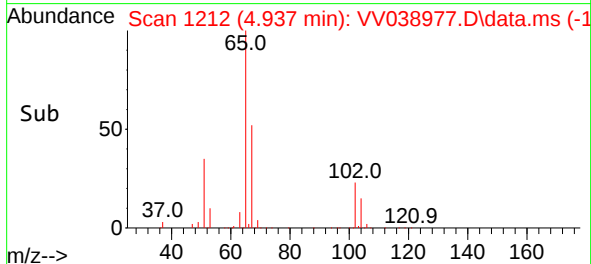
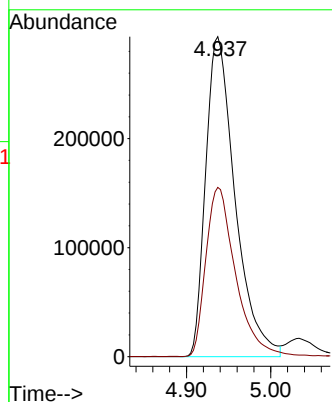
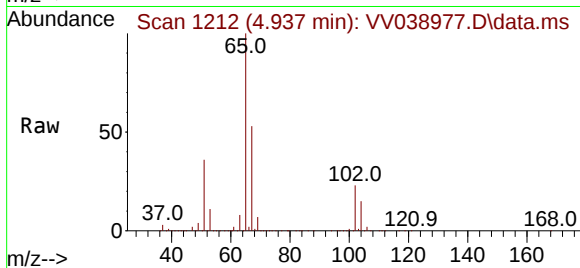
#33
1,2-Dichloroethane-d4
Concen: 92.231 ug/l
RT: 4.937 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 71269
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.4

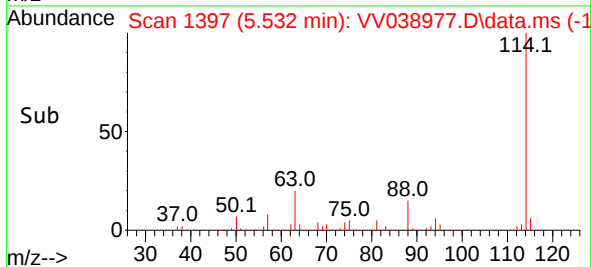
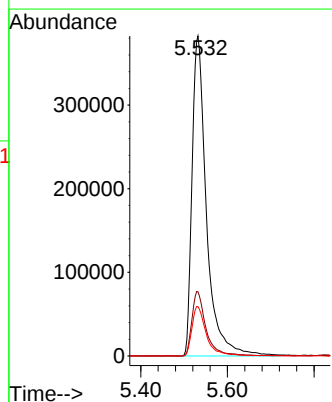
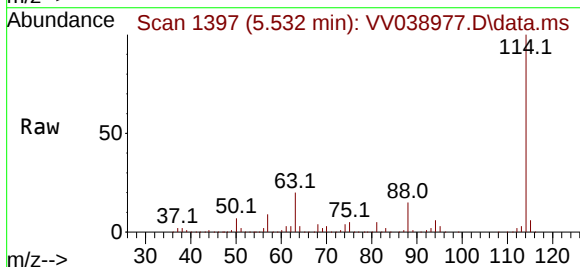
Manual Integrations
APPROVED

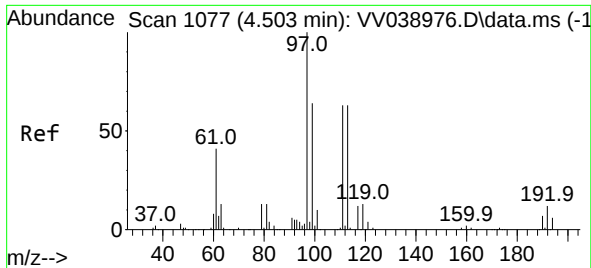
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

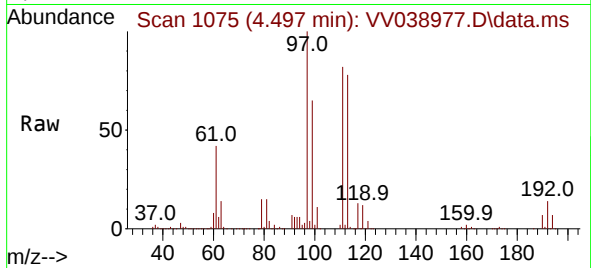
Tgt Ion:114 Resp: 884278
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 15.4 0.0 30.4





#35
Dibromofluoromethane
Concen: 92.500 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.007 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

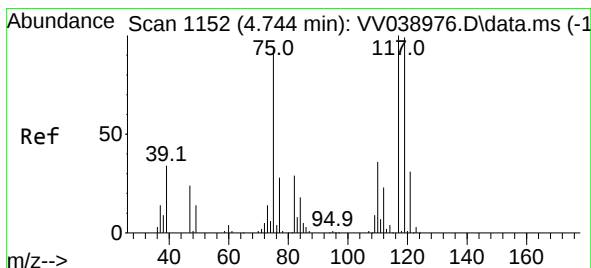
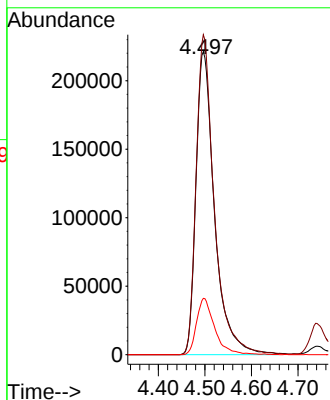
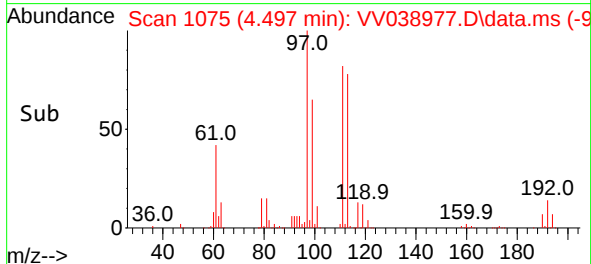
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100



Tgt Ion: 113 Resp: 613424
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 18.1 15.4 23.0

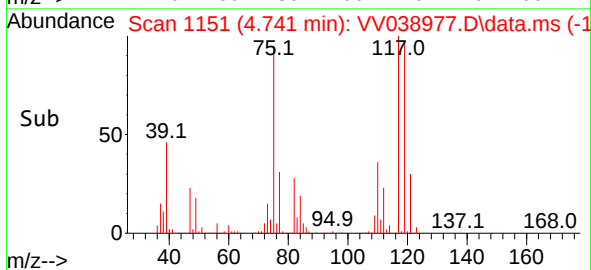
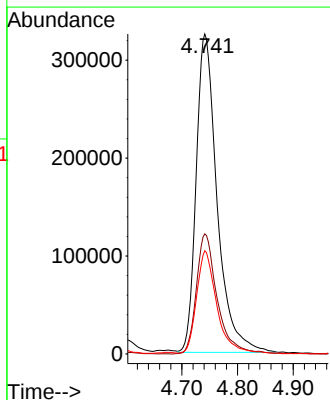
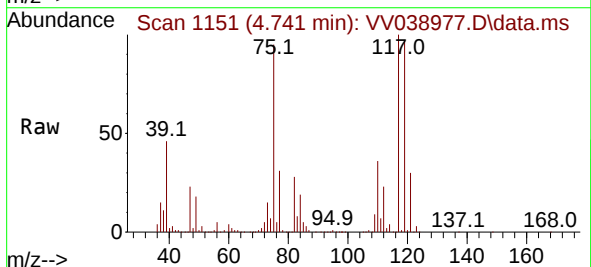
Manual Integrations
APPROVED

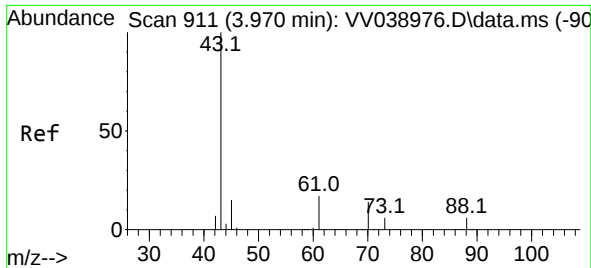
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#36
1,1-Dichloropropene
Concen: 98.708 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Tgt Ion: 75 Resp: 850104
Ion Ratio Lower Upper
75 100
110 37.6 19.6 58.7
77 31.4 24.4 36.6





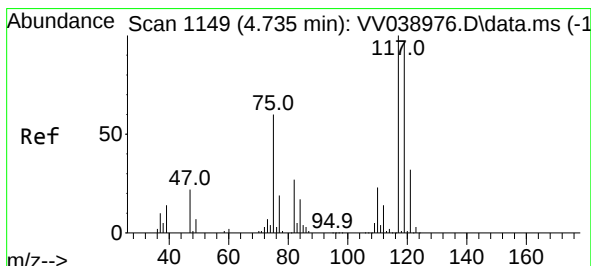
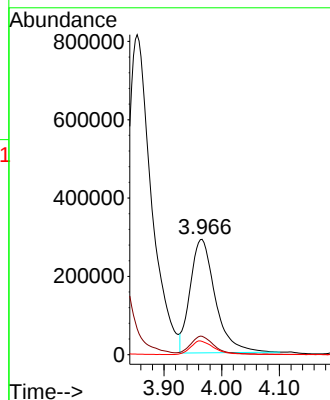
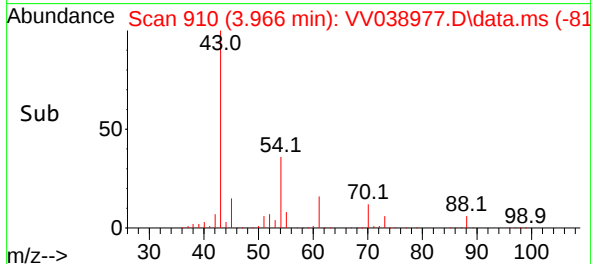
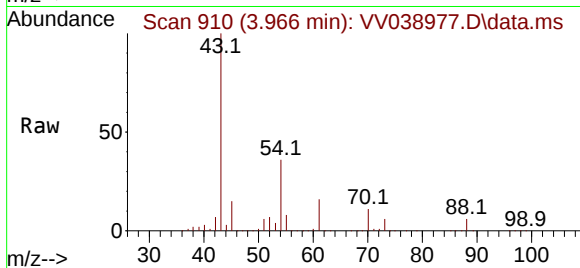
#37
Ethyl Acetate
Concen: 98.977 ug/l
RT: 3.966 min Scan# 911
Delta R.T. -0.004 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 87623
Ion Ratio Lower Upper
43 100
61 15.1 12.6 19.0
70 11.4 10.2 15.4

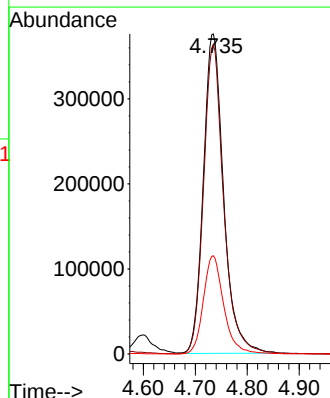
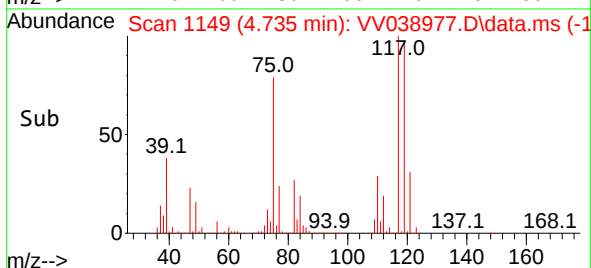
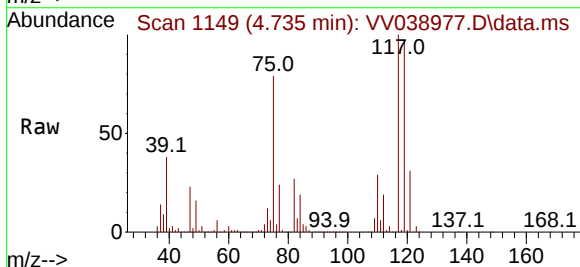
Manual Integrations
APPROVED

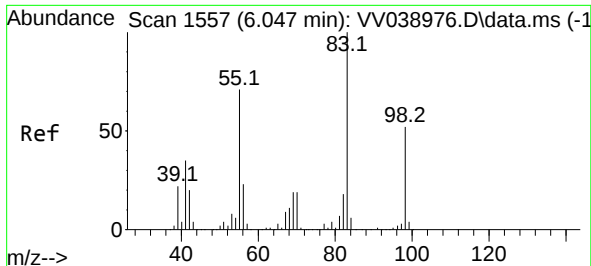
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#38
Carbon Tetrachloride
Concen: 88.417 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

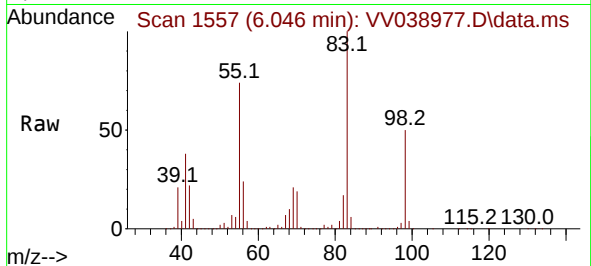
Tgt Ion:117 Resp: 1019720
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7
121 30.8 25.4 38.2





#39
Methylcyclohexane
Concen: 108.741 ug/l
RT: 6.046 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

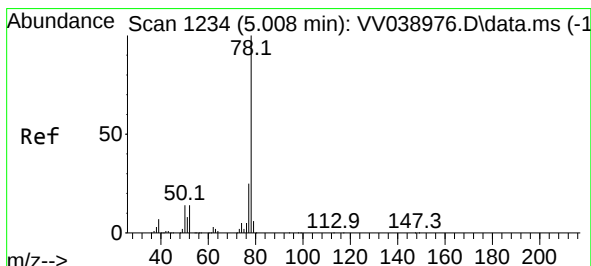
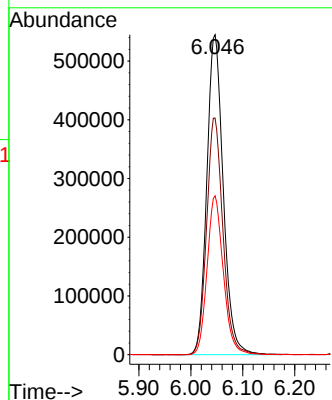
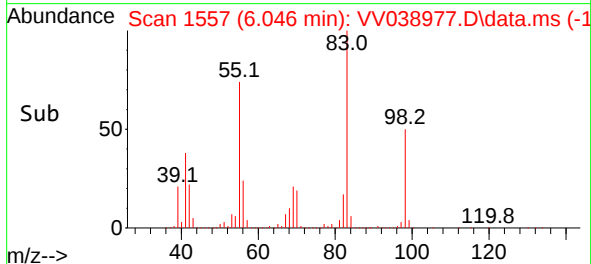
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 119664
Ion Ratio Lower Upper
83 100
55 73.9 57.0 85.6
98 49.7 41.3 61.9

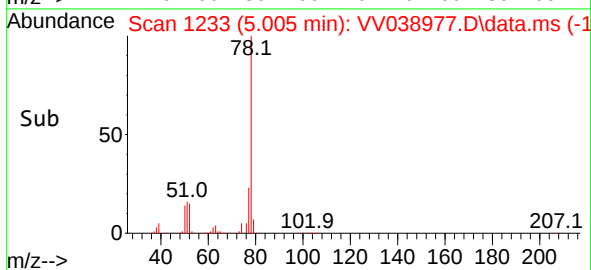
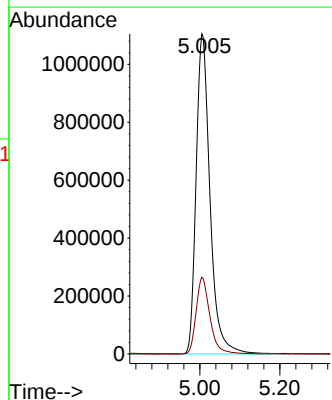
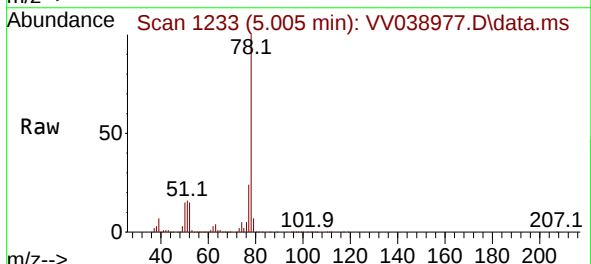
Manual Integrations
APPROVED

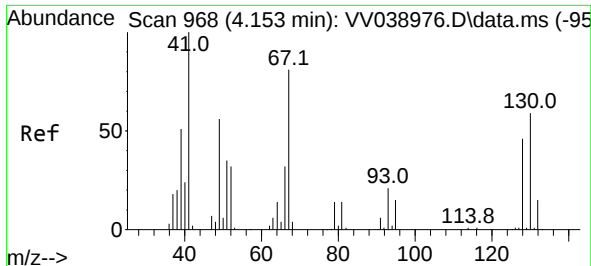
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#40
Benzene
Concen: 99.025 ug/l
RT: 5.005 min Scan# 1233
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

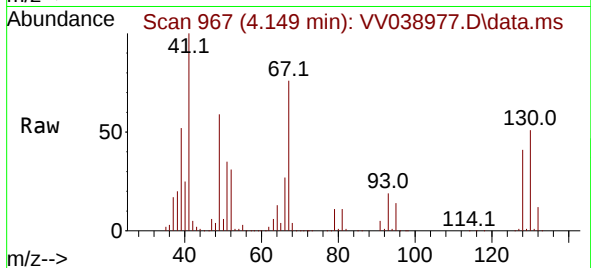
Tgt Ion: 78 Resp: 2671143
Ion Ratio Lower Upper
78 100
77 23.9 19.6 29.4





#41
Methacrylonitrile
Concen: 124.217 ug/l
RT: 4.149 min Scan# 967
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

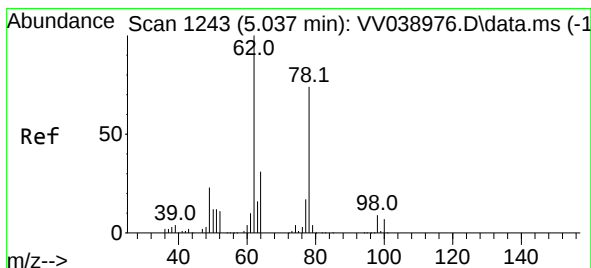
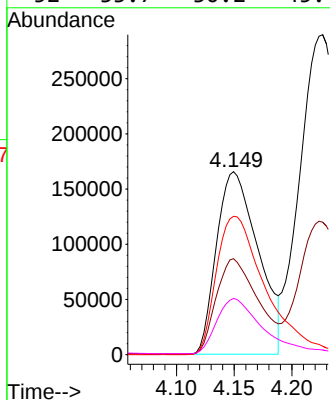
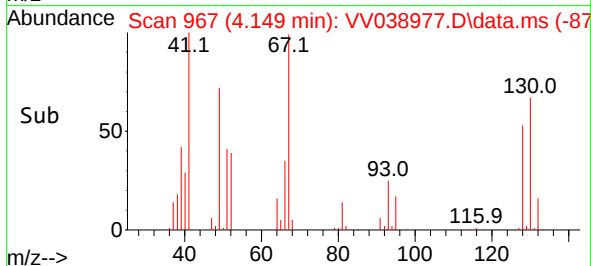
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 415678
Ion Ratio Lower Upper
41 100
39 52.1 45.5 68.3
67 91.5 83.5 125.3
52 33.7 30.2 45.4

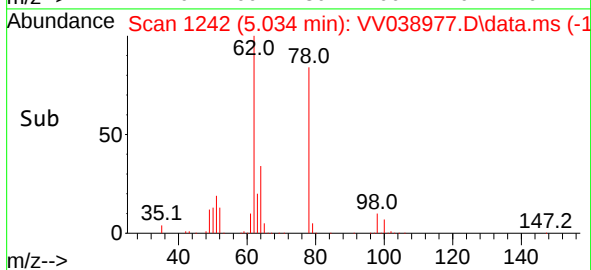
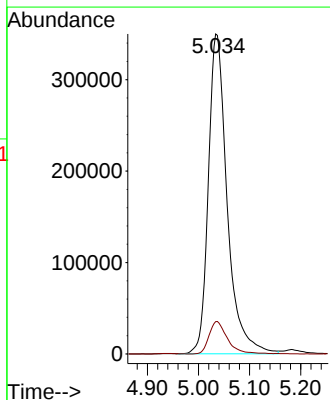
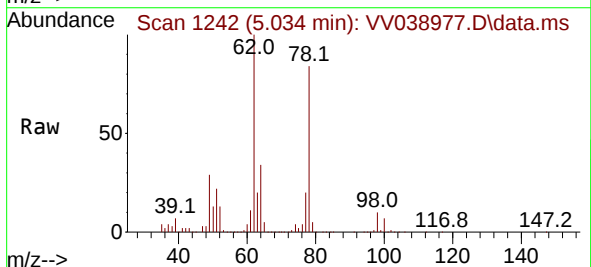
Manual Integrations
APPROVED

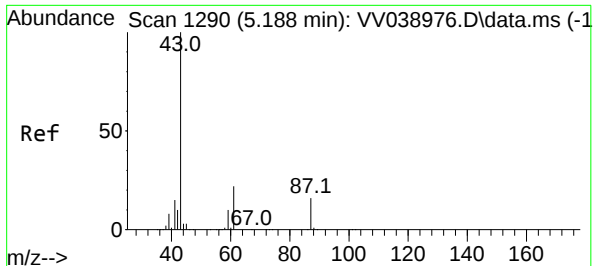
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#42
1,2-Dichloroethane
Concen: 90.740 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

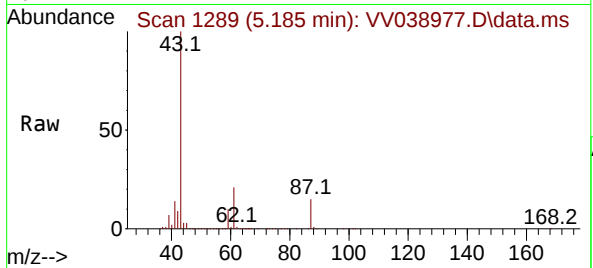
Tgt Ion: 62 Resp: 894836
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.2





#43
Isopropyl Acetate
Concen: 108.740 ug/l
RT: 5.185 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

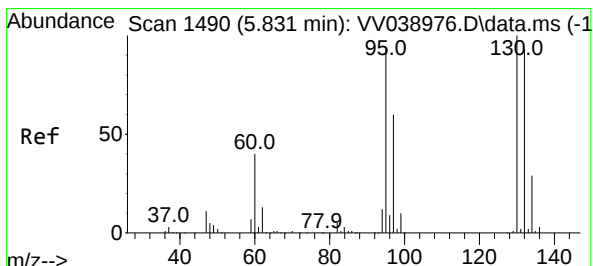
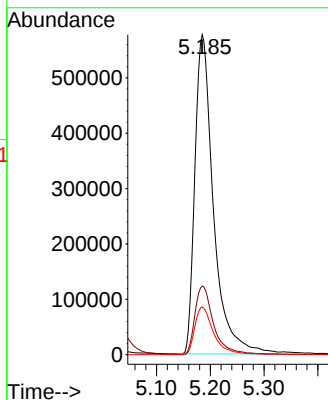
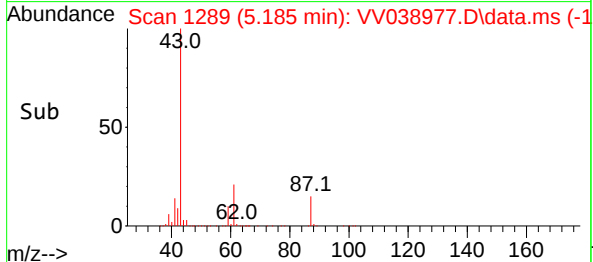
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 138707
Ion Ratio Lower Upper
43 100
61 21.5 17.4 26.2
87 15.1 13.3 19.9

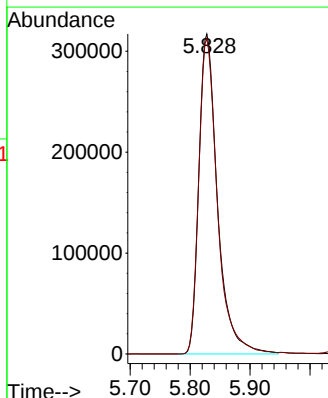
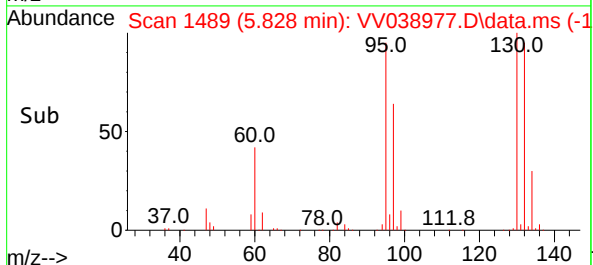
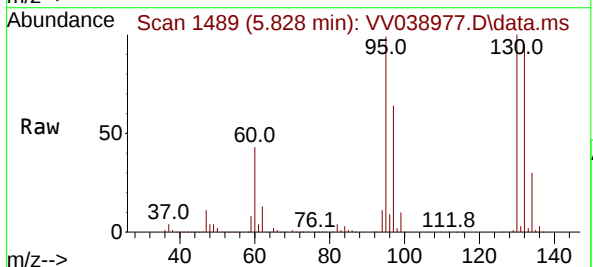
Manual Integrations
APPROVED

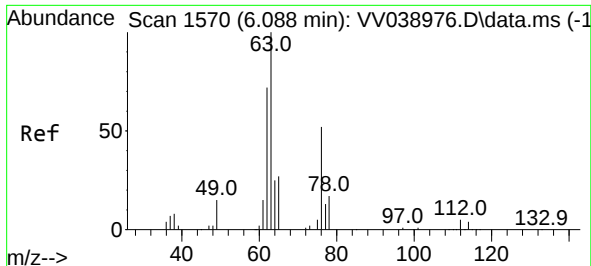
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#44
Trichloroethene
Concen: 93.937 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Tgt Ion:130 Resp: 687326
Ion Ratio Lower Upper
130 100
95 98.5 0.0 186.6





#45

1,2-Dichloropropane

Concen: 100.150 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV038977.D

Acq: 21 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 647892

Ion Ratio Lower Upper

63 100

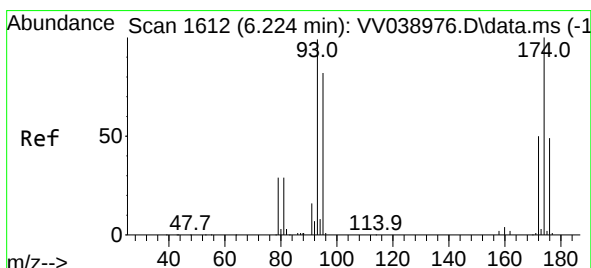
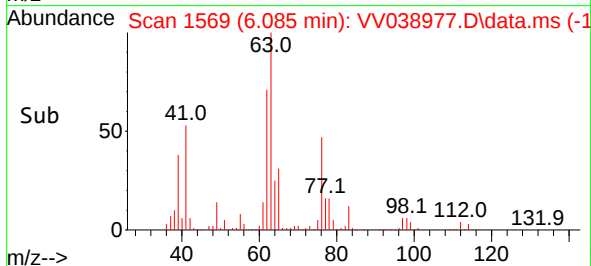
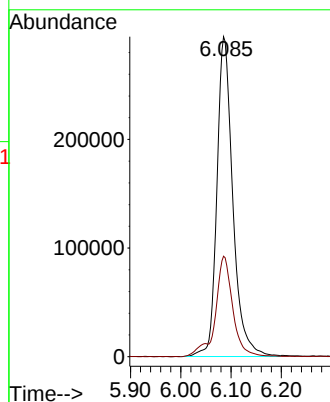
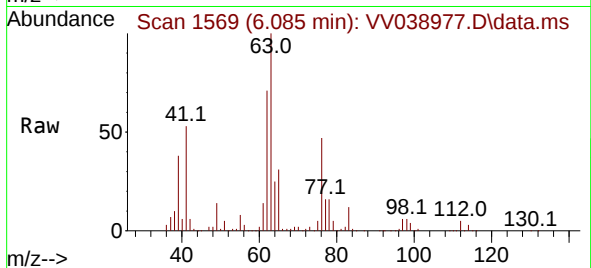
65 31.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#46

Dibromomethane

Concen: 92.674 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.003 min

Lab File: VV038977.D

Acq: 21 Aug 2025 11:02

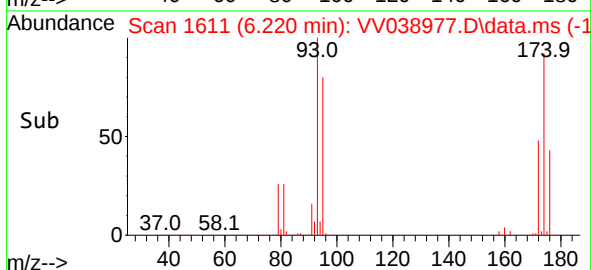
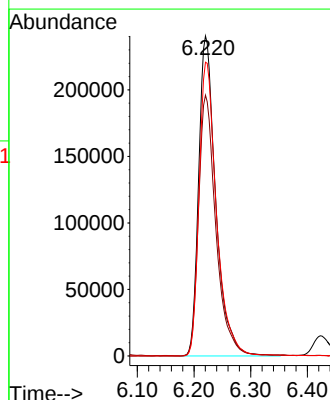
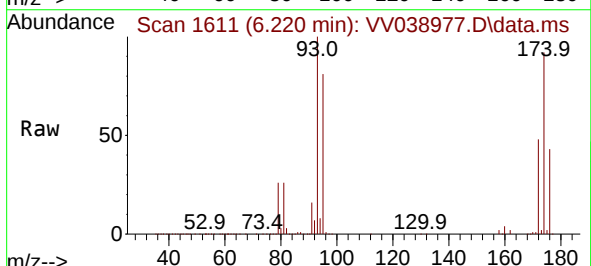
Tgt Ion: 93 Resp: 503062

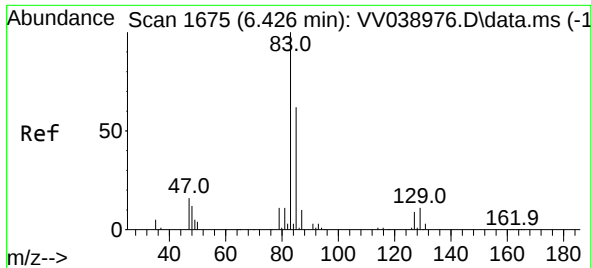
Ion Ratio Lower Upper

93 100

95 82.9 66.4 99.6

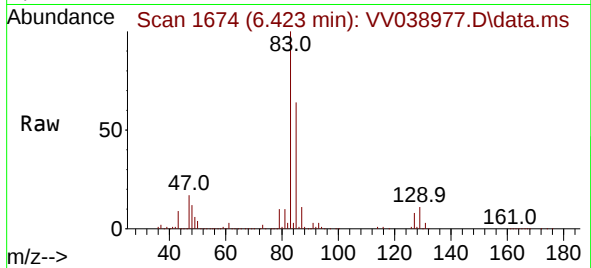
174 93.6 79.7 119.5





#47
Bromodichloromethane
Concen: 91.414 ug/l
RT: 6.423 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

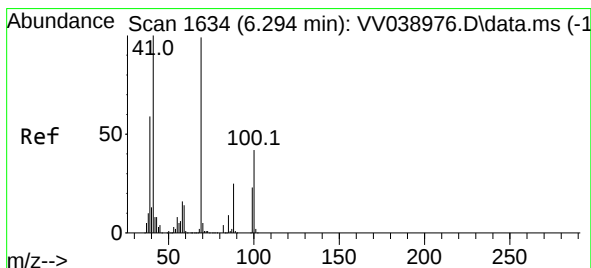
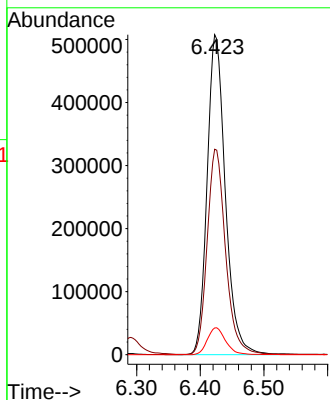
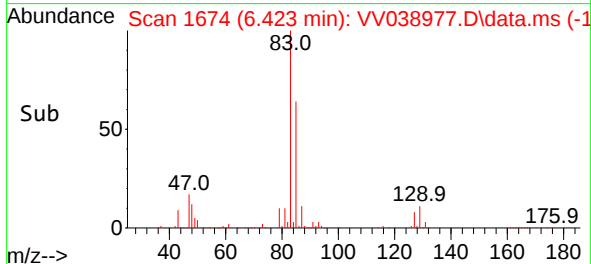
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



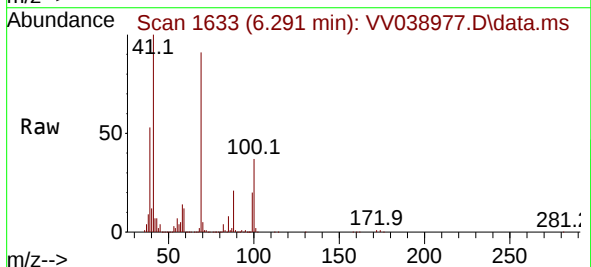
Tgt Ion: 83 Resp: 100989
Ion Ratio Lower Upper
83 100
85 64.1 49.6 74.4
127 8.4 6.9 10.3

Manual Integrations
APPROVED

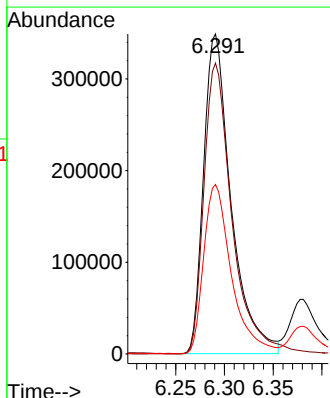
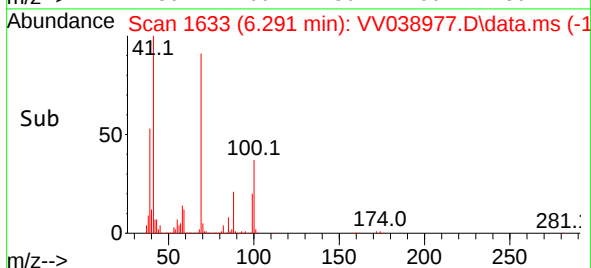
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

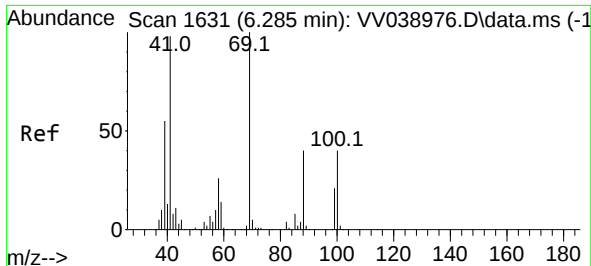


#48
Methyl methacrylate
Concen: 121.281 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02



Tgt Ion: 41 Resp: 685096
Ion Ratio Lower Upper
41 100
69 93.4 82.5 123.7
39 53.3 46.6 69.8





#49

1,4-Dioxane

Concen: 2036.216 ug/l

RT: 6.284 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038977.D

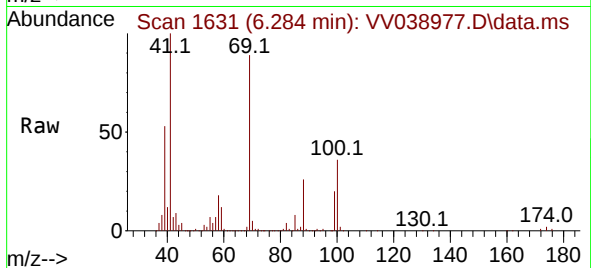
Acq: 21 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100



Tgt Ion: 88 Resp: 200859

Ion Ratio Lower Upper

88 100

43 30.0 24.6 36.8

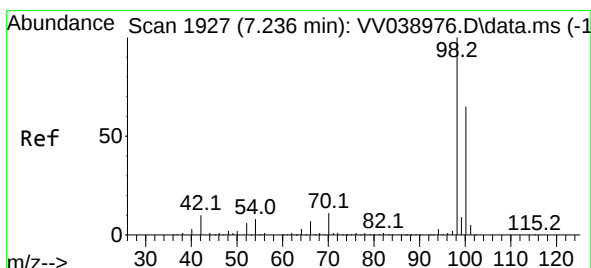
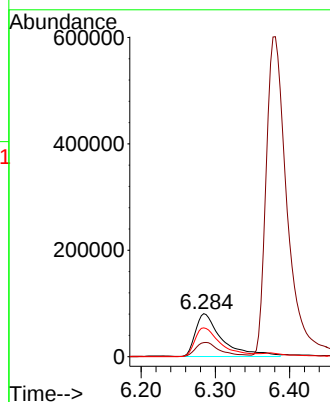
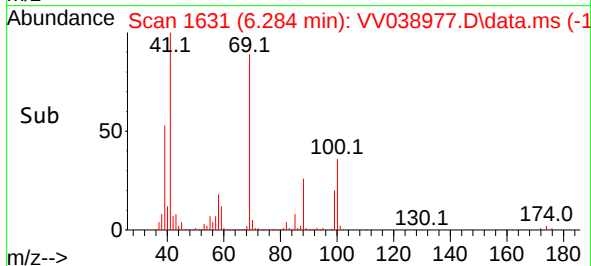
58 65.7 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#50

Toluene-d8

Concen: 95.328 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV038977.D

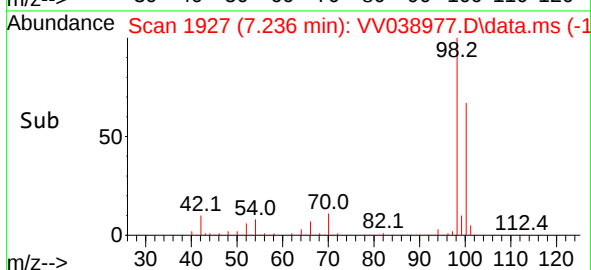
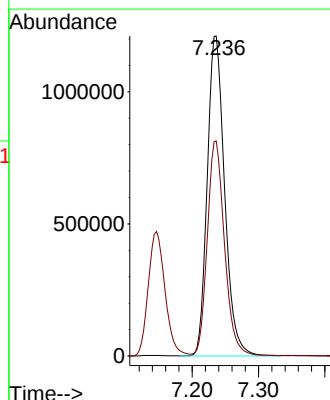
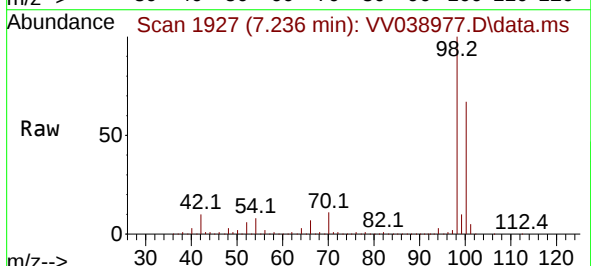
Acq: 21 Aug 2025 11:02

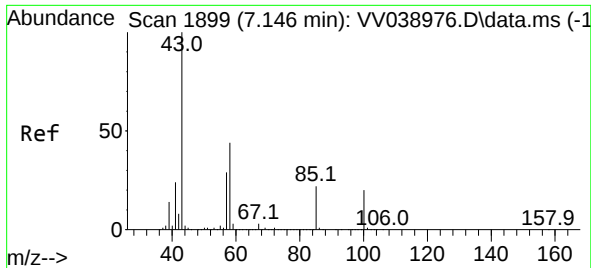
Tgt Ion: 98 Resp: 2204453

Ion Ratio Lower Upper

98 100

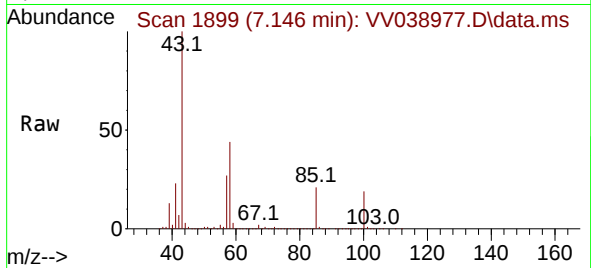
100 66.5 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 531.208 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

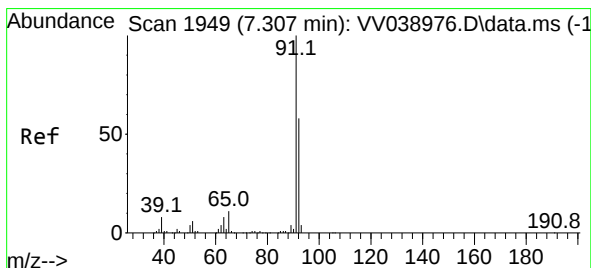
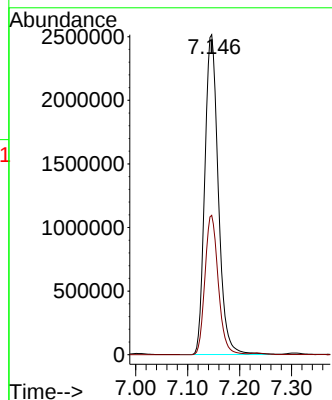
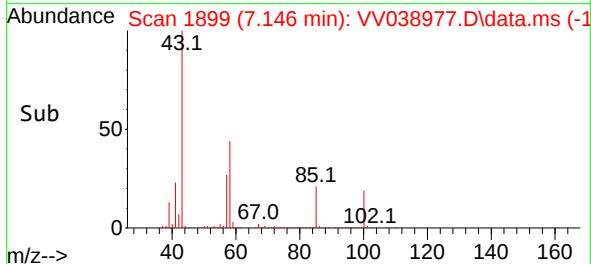
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 454686
Ion Ratio Lower Upper
43 100
58 42.9 34.6 51.8

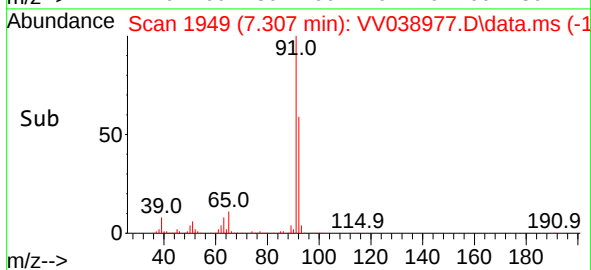
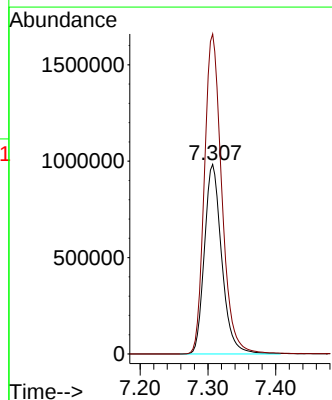
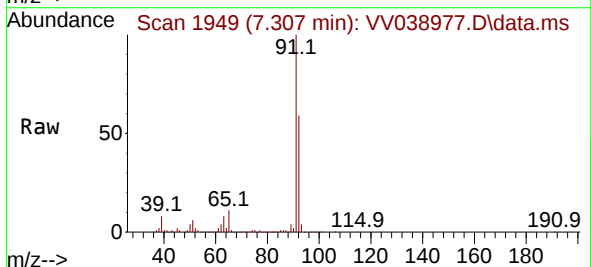
Manual Integrations
APPROVED

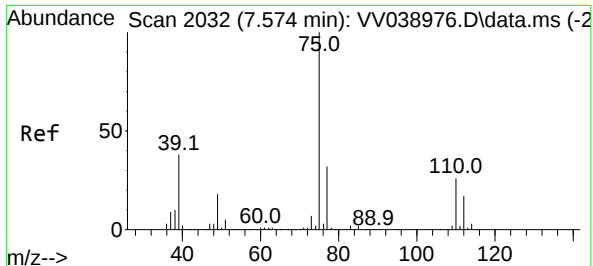
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#52
Toluene
Concen: 101.855 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Tgt Ion: 92 Resp: 1740035
Ion Ratio Lower Upper
92 100
91 170.5 136.3 204.5





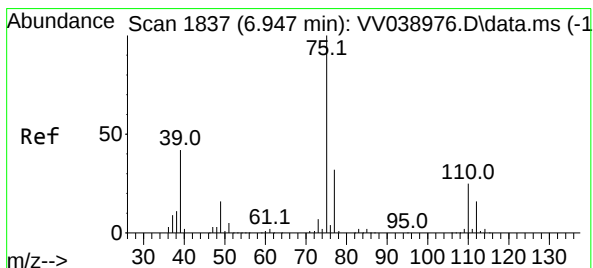
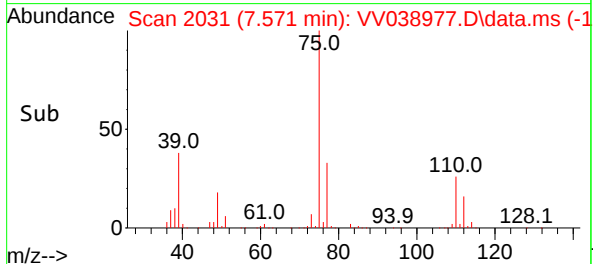
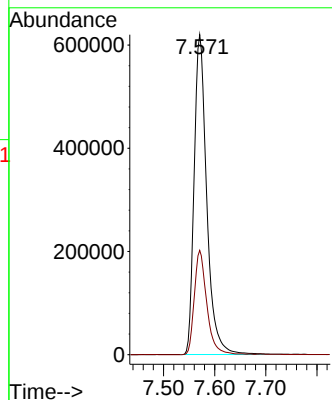
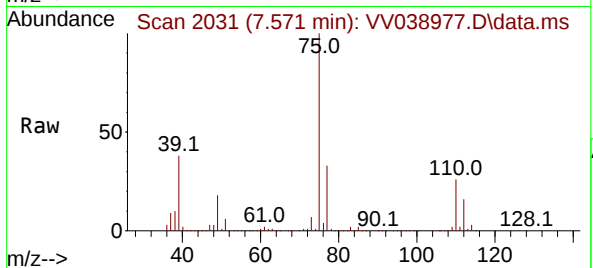
#53
 t-1,3-Dichloropropene
 Concen: 103.016 ug/l
 RT: 7.571 min Scan# 2032
 Delta R.T. -0.003 min
 Lab File: VV038977.D
 Acq: 21 Aug 2025 11:02

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 1063910
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.3 37.9

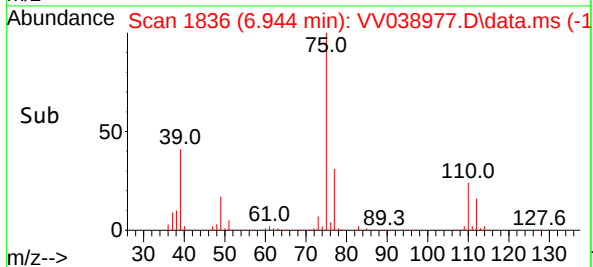
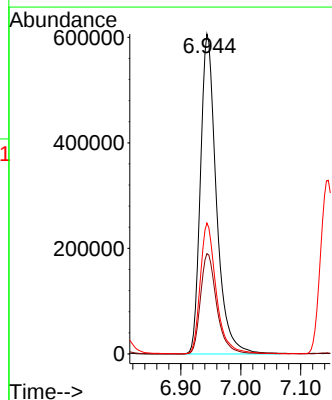
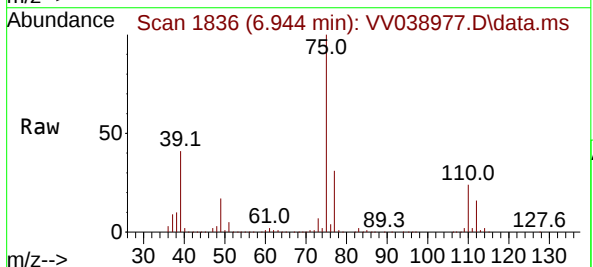
Manual Integrations
 APPROVED

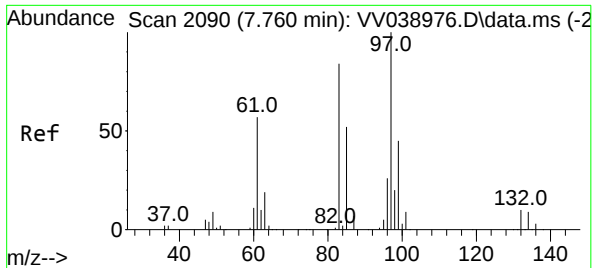
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#54
 cis-1,3-Dichloropropene
 Concen: 104.872 ug/l
 RT: 6.944 min Scan# 1836
 Delta R.T. -0.003 min
 Lab File: VV038977.D
 Acq: 21 Aug 2025 11:02

Tgt Ion: 75 Resp: 1122190
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.6 38.4
 39 40.8 33.3 49.9





#55
1,1,2-Trichloroethane
Concen: 90.460 ug/l
RT: 7.757 min Scan# 2090
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

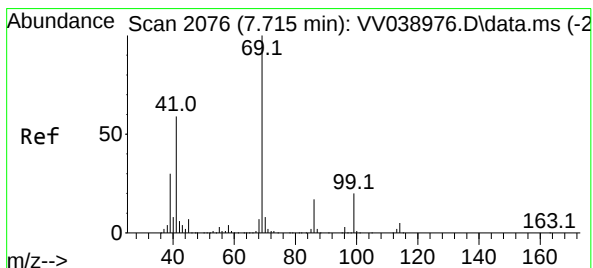
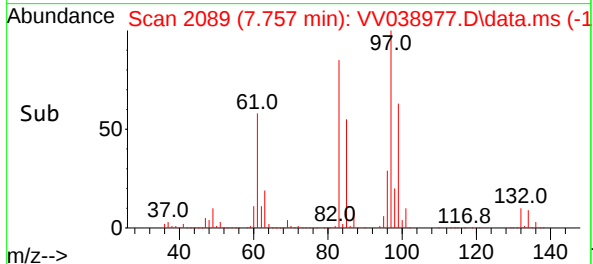
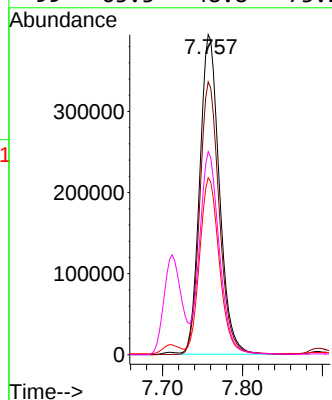
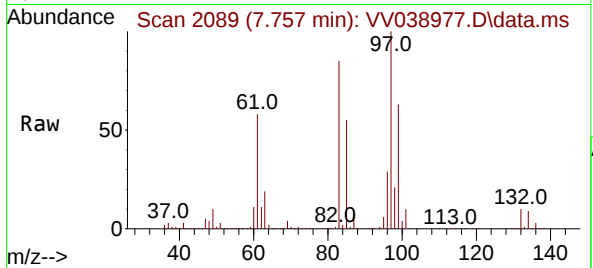
VSTDIC100

Tgt Ion: 97 Resp: 67380
Ion Ratio Lower Upper
97 100
83 85.2 67.2 100.8
85 55.1 42.7 64.1
99 63.3 48.8 73.2

Manual Integrations

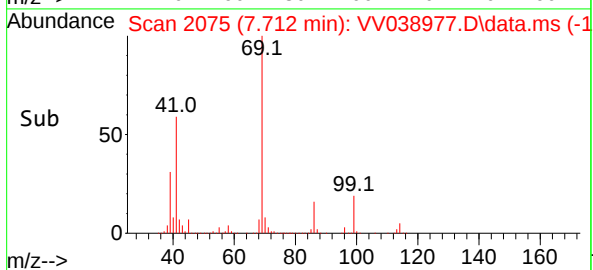
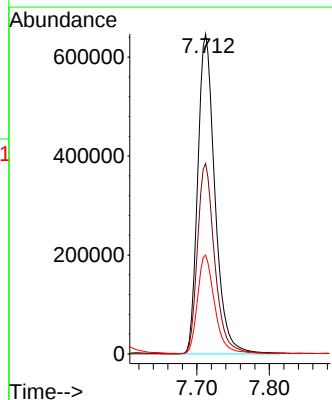
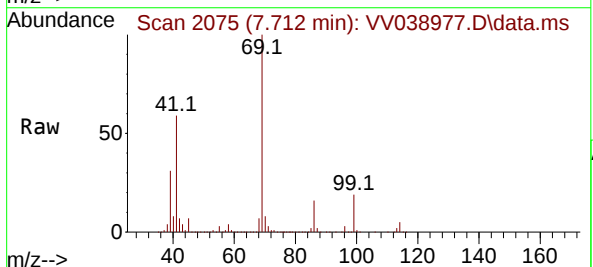
APPROVED

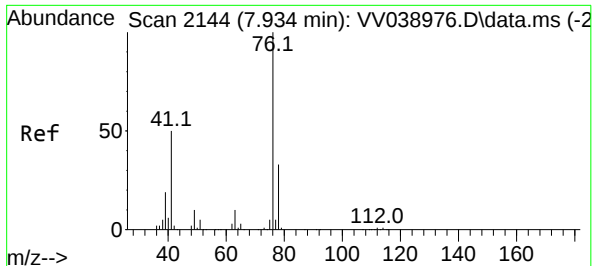
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#56
Ethyl methacrylate
Concen: 99.491 ug/l
RT: 7.712 min Scan# 2075
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

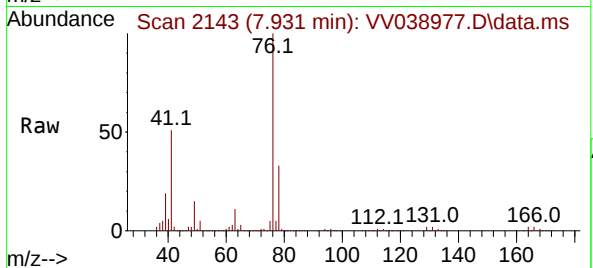
Tgt Ion: 69 Resp: 1065415
Ion Ratio Lower Upper
69 100
41 59.4 47.5 71.3
39 30.5 24.2 36.2





#57
1,3-Dichloropropane
Concen: 95.087 ug/l
RT: 7.931 min Scan# 2144
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

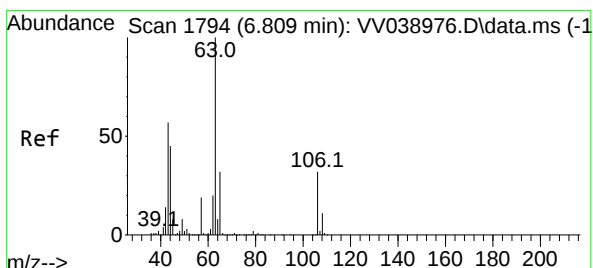
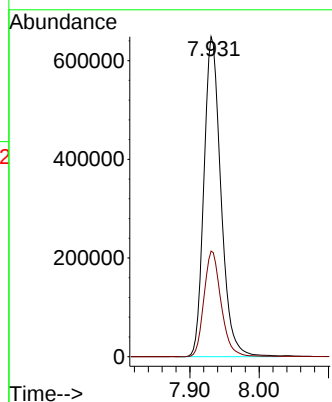
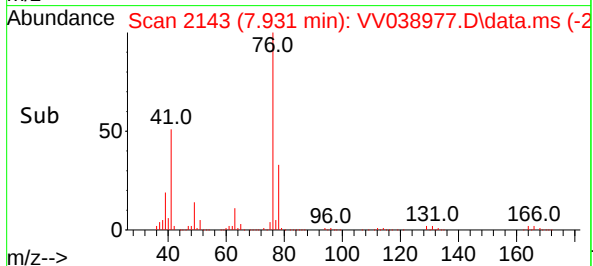
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 1104400
Ion Ratio Lower Upper
76 100
78 33.3 25.6 38.4

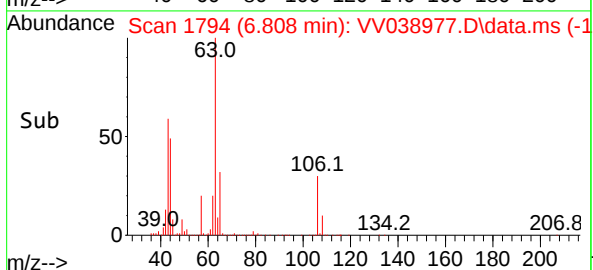
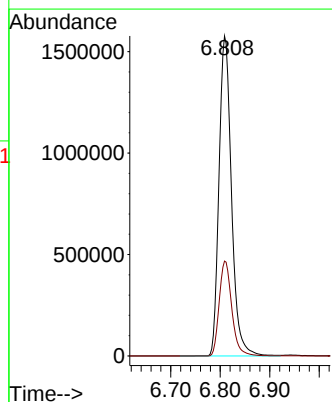
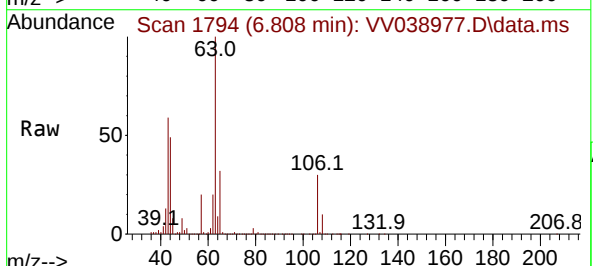
Manual Integrations
APPROVED

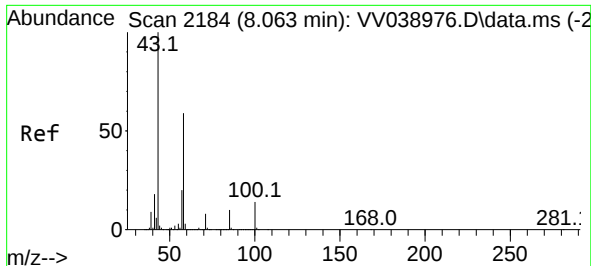
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#58
2-Chloroethyl Vinyl ether
Concen: 500.082 ug/l
RT: 6.808 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

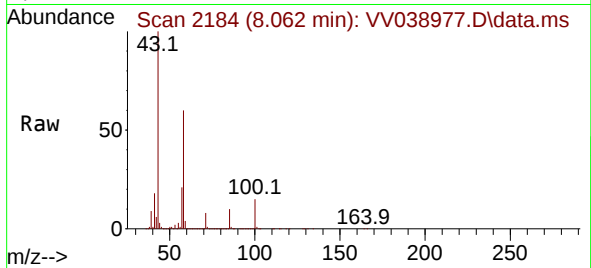
Tgt Ion: 63 Resp: 2757657
Ion Ratio Lower Upper
63 100
106 30.0 25.6 38.4





#59
2-Hexanone
Concen: 496.532 ug/l
RT: 8.062 min Scan# 2184
Delta R.T. -0.001 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

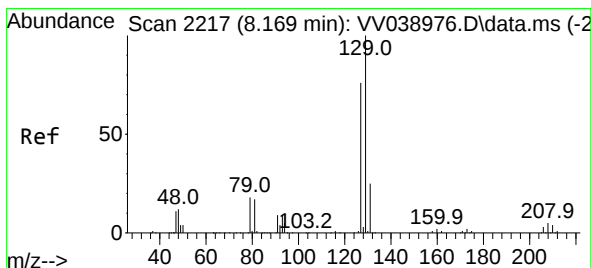
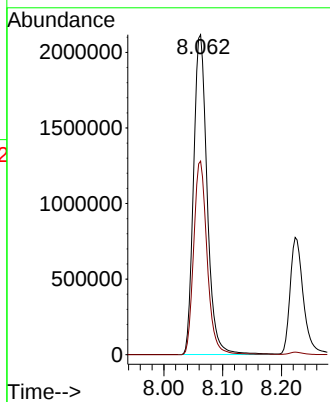
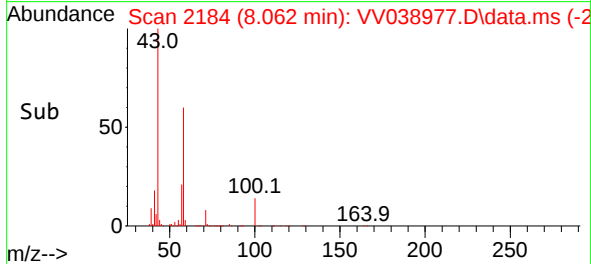
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 3393409
Ion Ratio Lower Upper
43 100
58 60.0 29.8 89.4

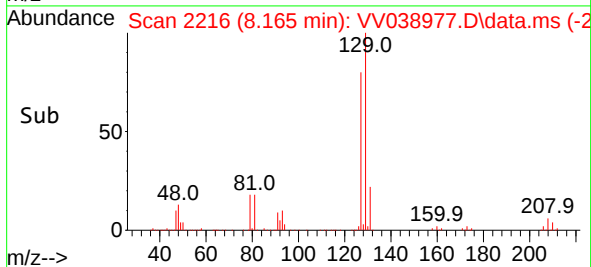
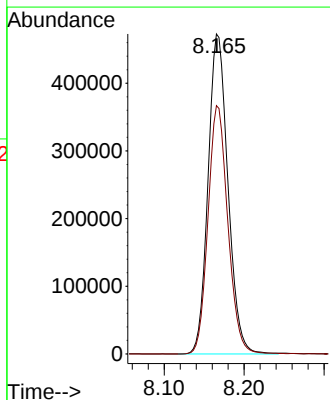
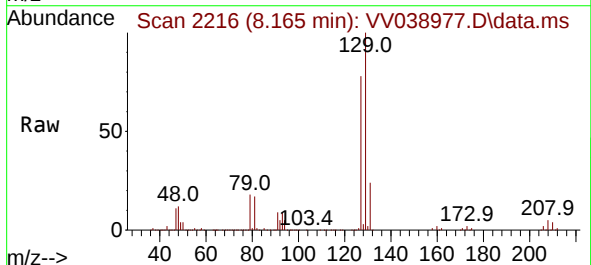
Manual Integrations
APPROVED

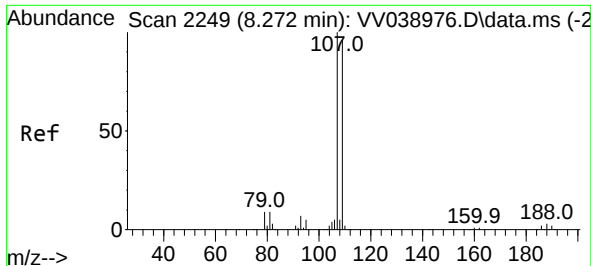
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#60
Dibromochloromethane
Concen: 90.785 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Tgt Ion:129 Resp: 816528
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1





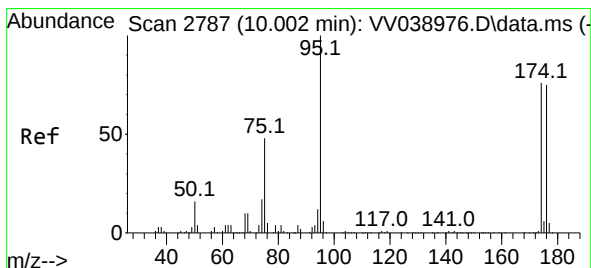
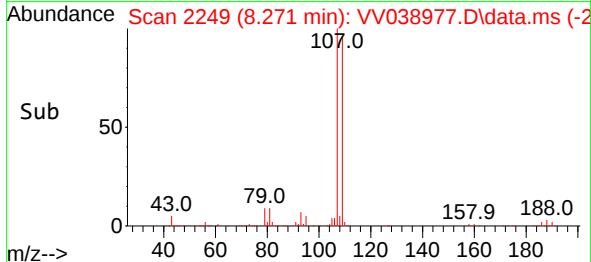
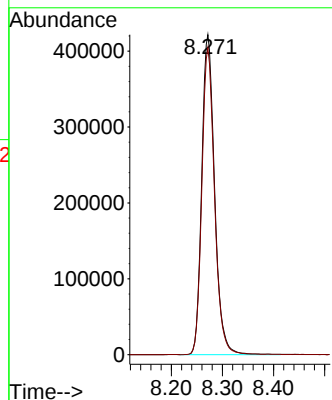
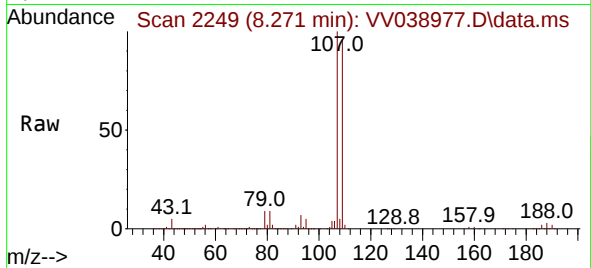
#61
1,2-Dibromoethane
Concen: 95.472 ug/l
RT: 8.271 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 737772
Ion Ratio Lower Upper
107 100
109 94.6 75.8 113.6

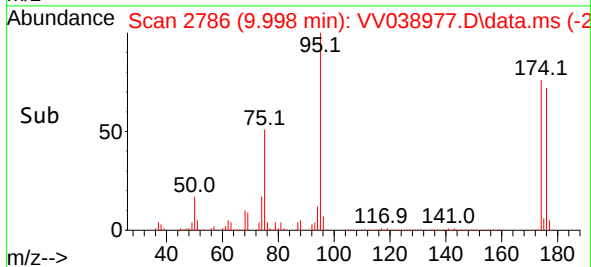
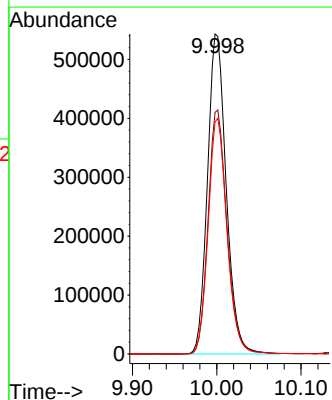
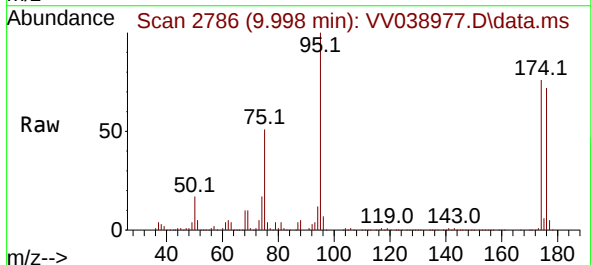
Manual Integrations
APPROVED

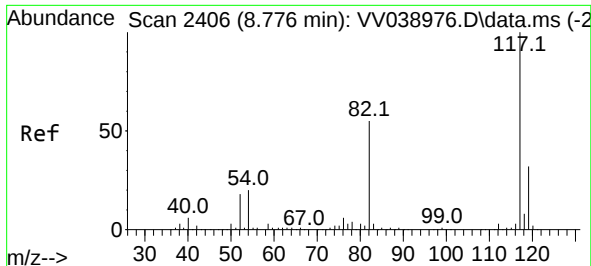
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#62
4-Bromofluorobenzene
Concen: 99.640 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

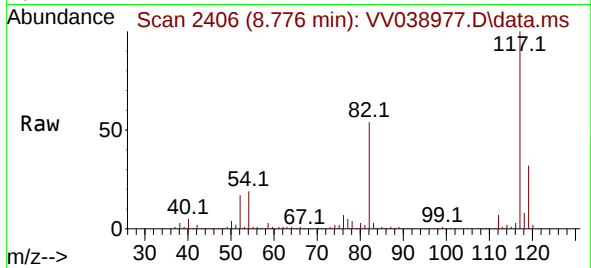
Tgt Ion: 95 Resp: 842918
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.4
176 73.4 0.0 148.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

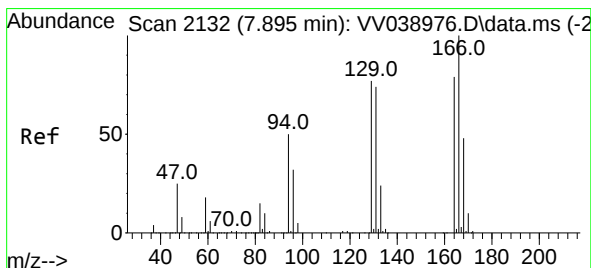
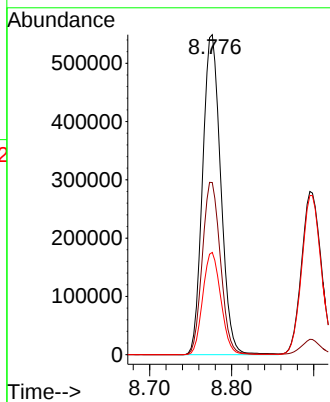
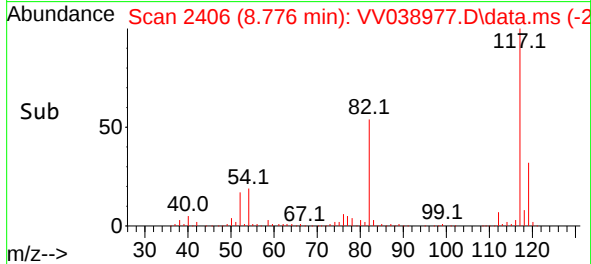
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 84484
Ion Ratio Lower Upper
117 100
82 53.8 44.4 66.6
119 32.0 26.0 39.0

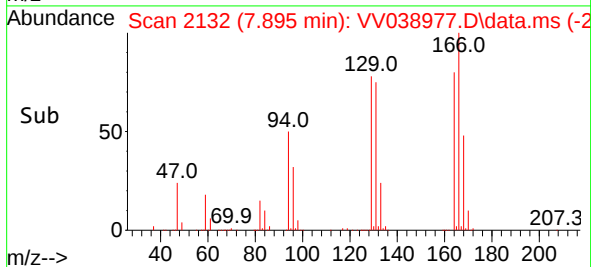
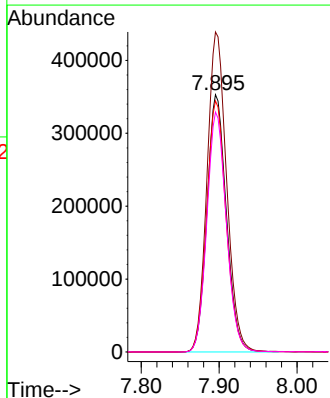
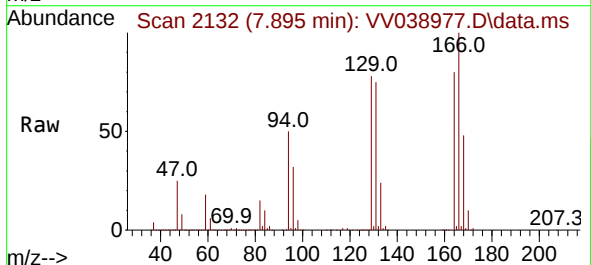
Manual Integrations
APPROVED

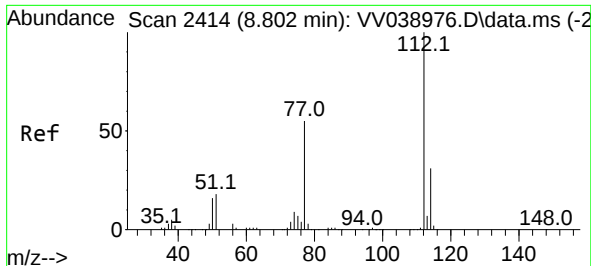
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#64
Tetrachloroethene
Concen: 97.268 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

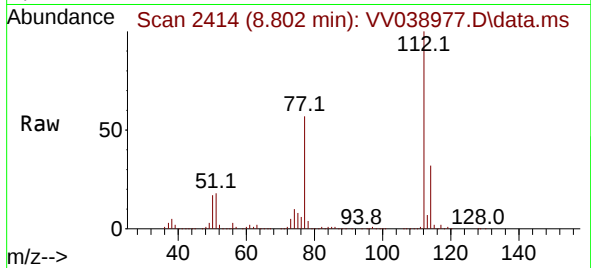
Tgt Ion:164 Resp: 611464
Ion Ratio Lower Upper
164 100
166 124.4 101.8 152.6
129 97.6 78.7 118.1
131 93.2 75.1 112.7





#65
Chlorobenzene
Concen: 94.736 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

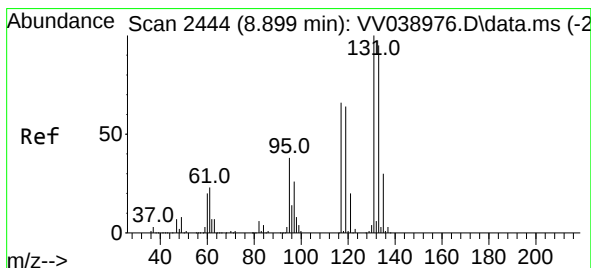
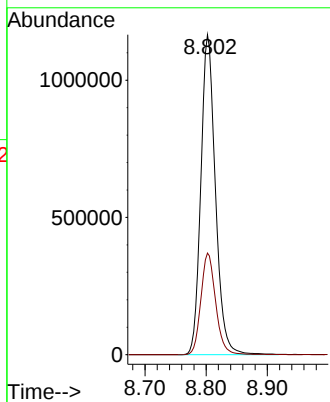
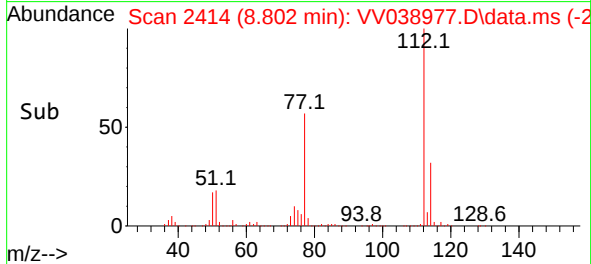
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



Tgt Ion:112 Resp: 192975
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7

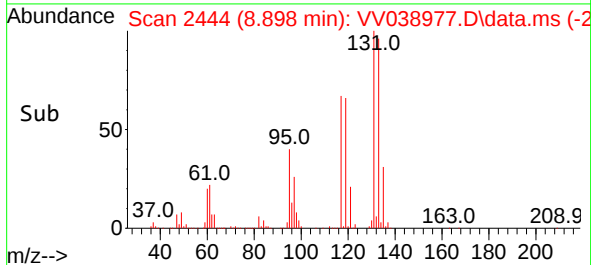
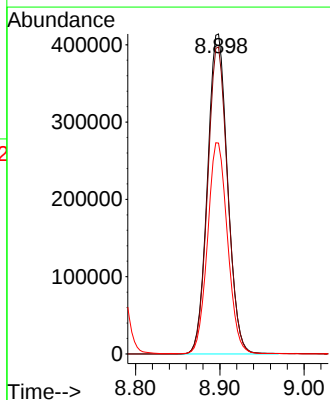
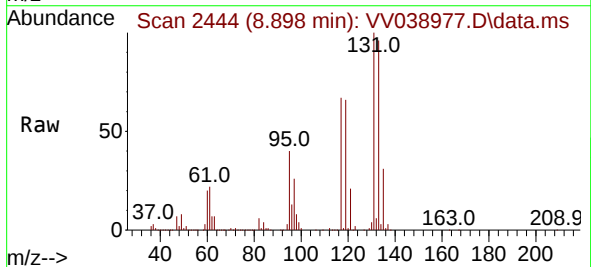
Manual Integrations
APPROVED

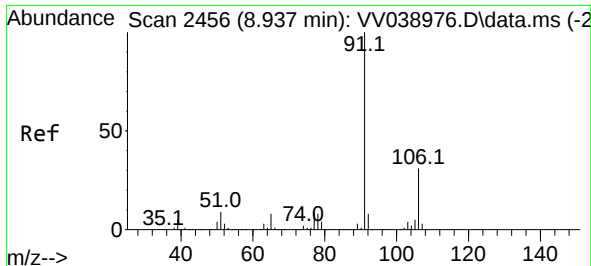
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 93.983 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Tgt Ion:131 Resp: 687236
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.9
119 65.8 32.1 96.3





#67

Ethyl Benzene

Concen: 108.559 ug/l

RT: 8.934 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV038977.D

Acq: 21 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 3375810

Ion Ratio Lower Upper

91 100

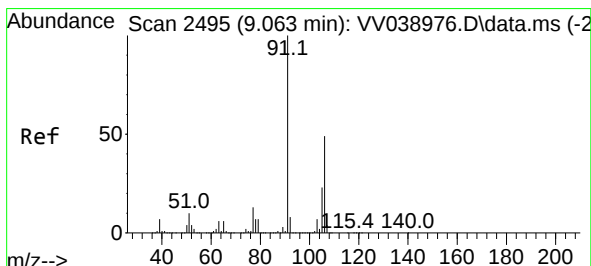
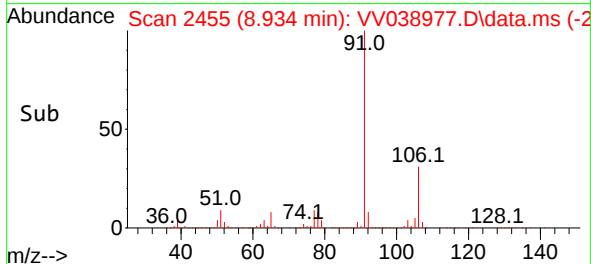
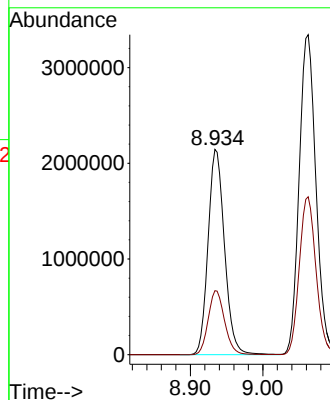
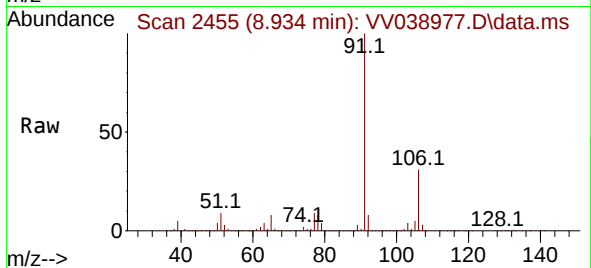
106 31.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#68

m/p-Xylenes

Concen: 219.724 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038977.D

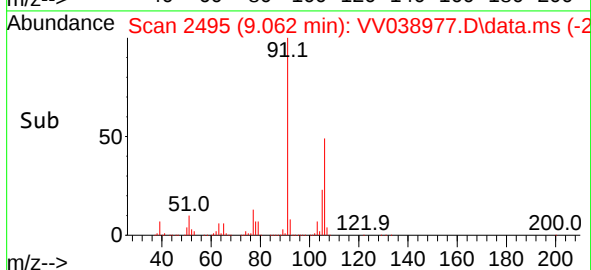
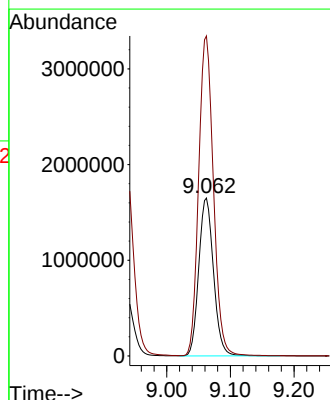
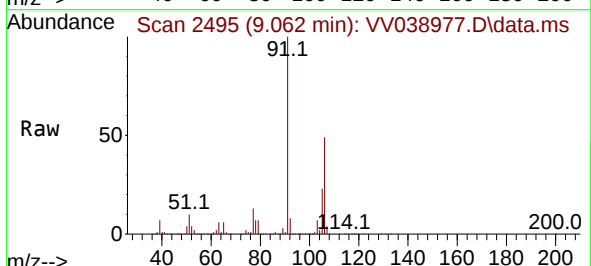
Acq: 21 Aug 2025 11:02

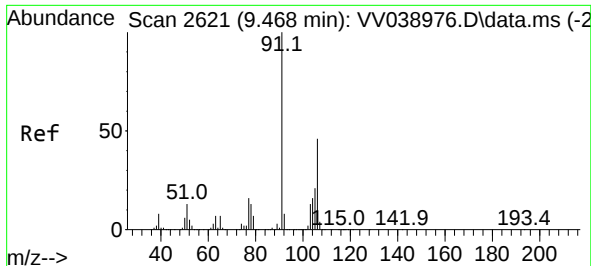
Tgt Ion:106 Resp: 2653633

Ion Ratio Lower Upper

106 100

91 203.2 163.6 245.4





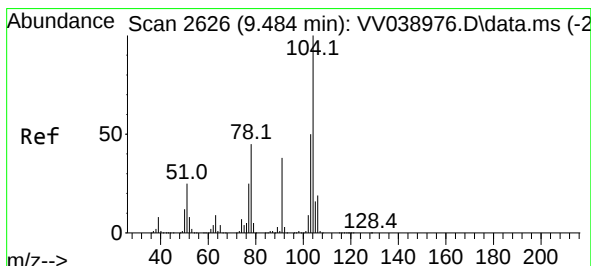
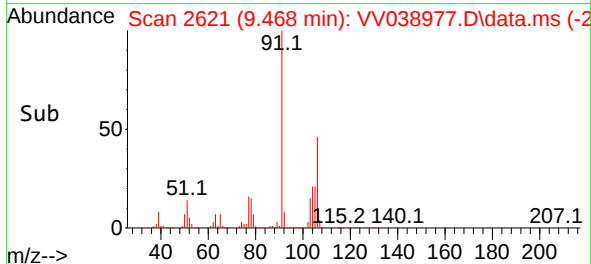
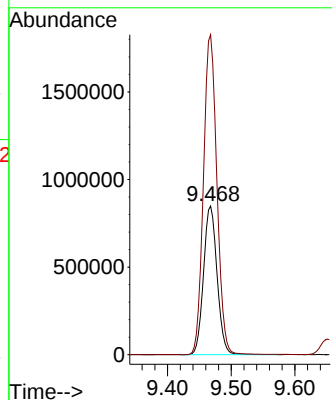
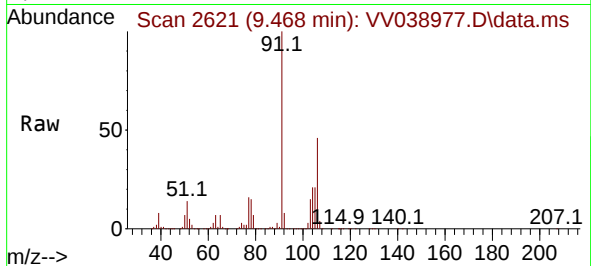
#69
o-Xylene
Concen: 113.545 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 124987
Ion Ratio Lower Upper
106 100
91 214.5 108.0 324.0

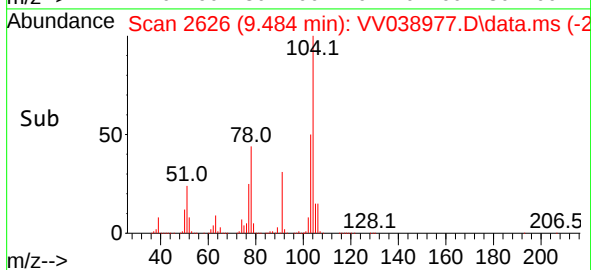
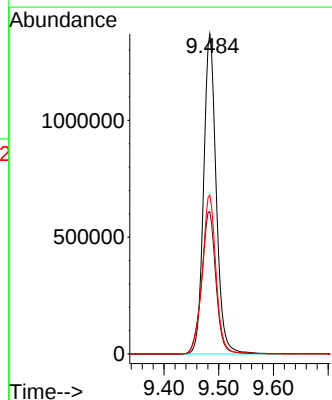
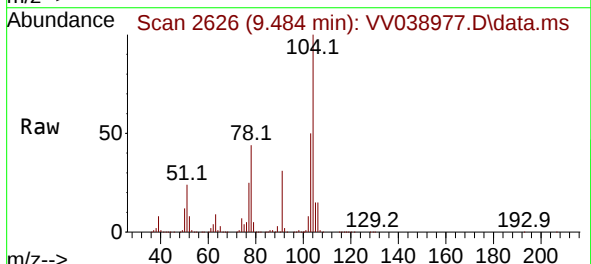
Manual Integrations
APPROVED

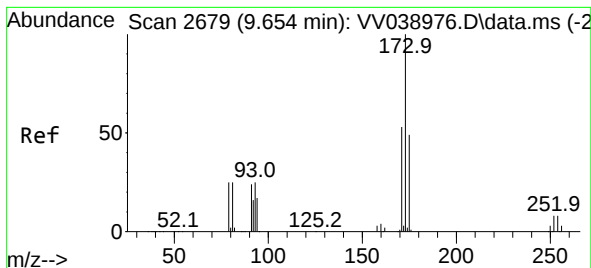
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#70
Styrene
Concen: 116.094 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Tgt Ion:104 Resp: 2192468
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.8
103 54.4 43.5 65.3





#71

Bromoform

Concen: 96.423 ug/l

RT: 9.654 min Scan# 2679

Delta R.T. -0.000 min

Lab File: VV038977.D

Acq: 21 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

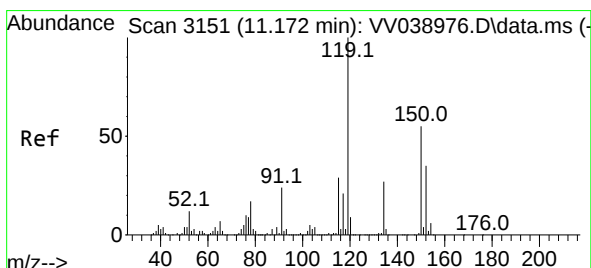
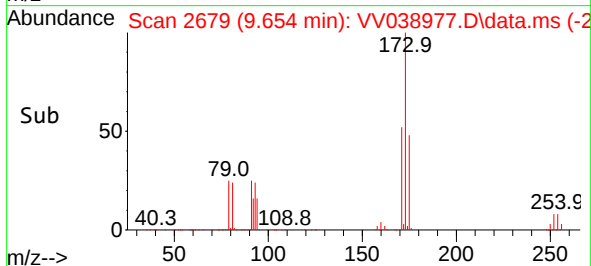
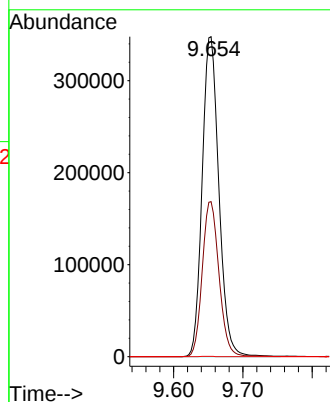
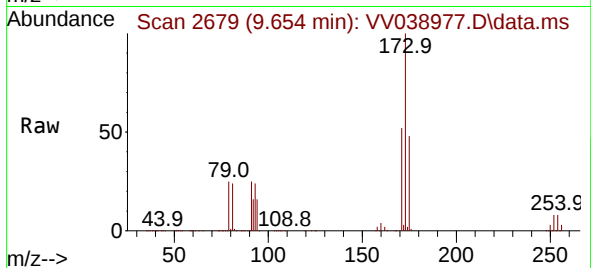
Tgt Ion:173	Resp: 58195
Ion Ratio	Lower Upper
173 100	
175 48.5	24.6 73.6
254 0.1	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

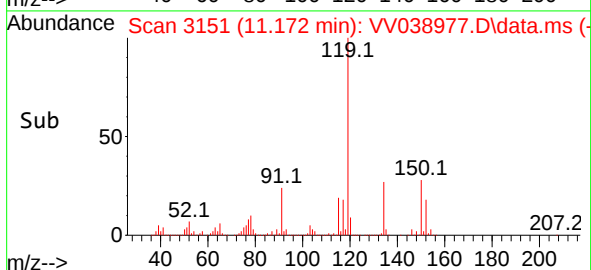
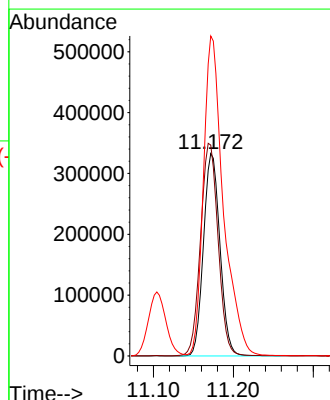
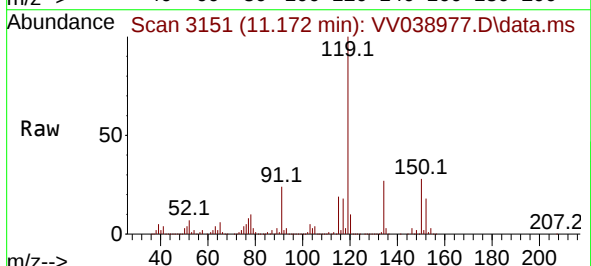
RT: 11.172 min Scan# 3151

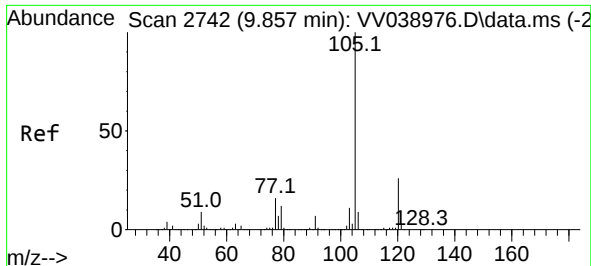
Delta R.T. -0.000 min

Lab File: VV038977.D

Acq: 21 Aug 2025 11:02

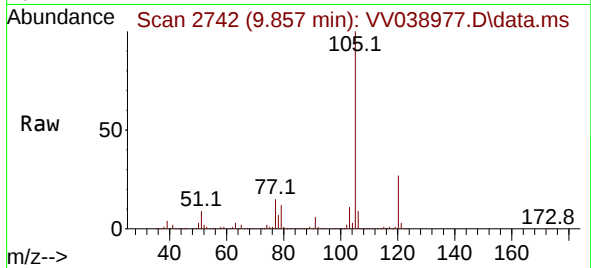
Tgt Ion:152	Resp: 478222
Ion Ratio	Lower Upper
152 100	
115 111.7	42.5 127.5
150 191.3	0.0 344.8





#73
Isopropylbenzene
Concen: 104.771 ug/l
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

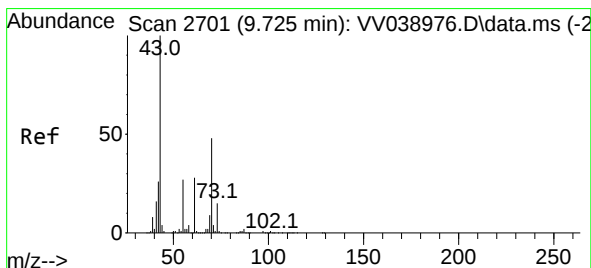
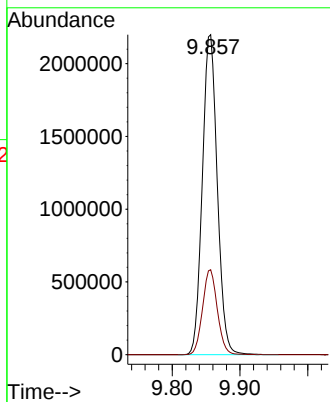
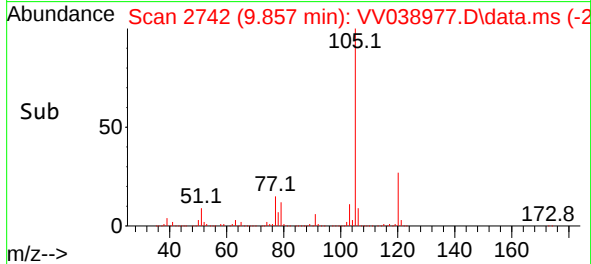
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100



Tgt Ion:105 Resp: 336210
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

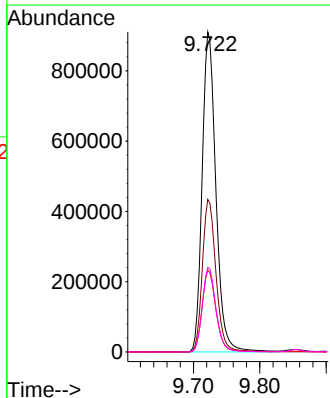
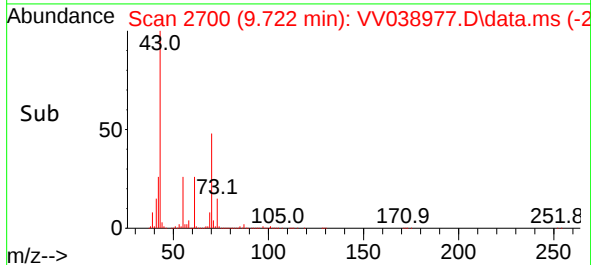
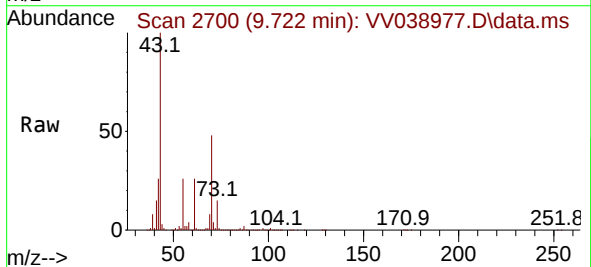
Manual Integrations
APPROVED

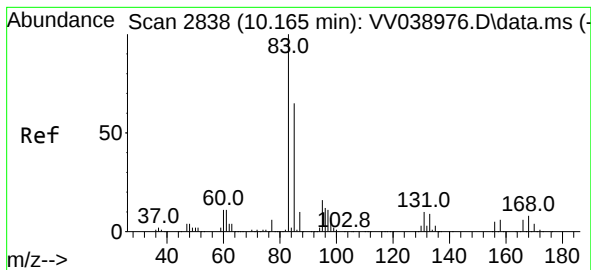
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#74
N-ethyl acetate
Concen: 112.322 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

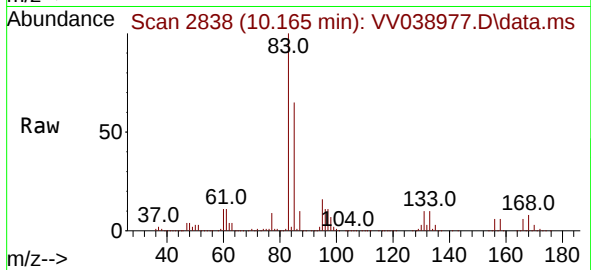
Tgt Ion: 43 Resp: 1309039
Ion Ratio Lower Upper
43 100
70 47.5 38.3 57.5
55 25.7 21.6 32.4
61 26.3 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 84.227 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

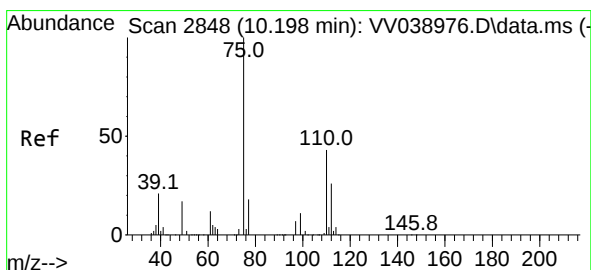
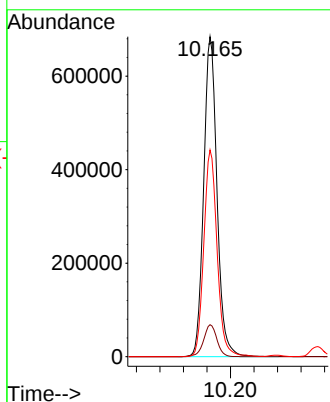
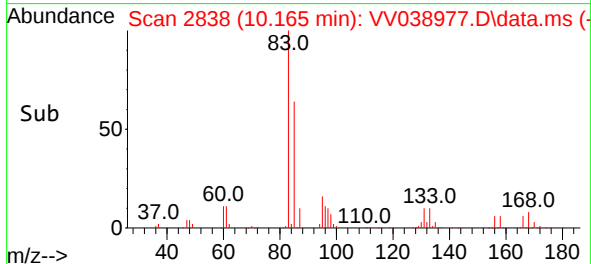
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



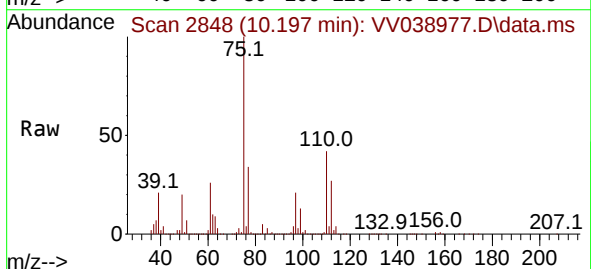
Tgt Ion: 83 Resp: 107342
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.9
85 64.7 32.5 97.5

Manual Integrations
APPROVED

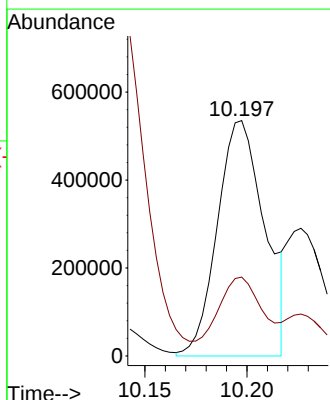
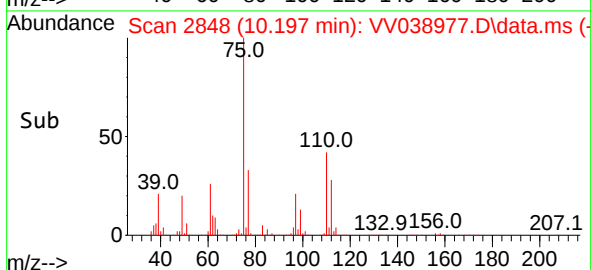
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

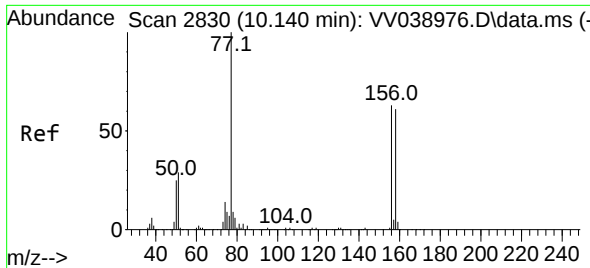


#76
1,2,3-Trichloropropane
Concen: 98.221 ug/l m
RT: 10.197 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02



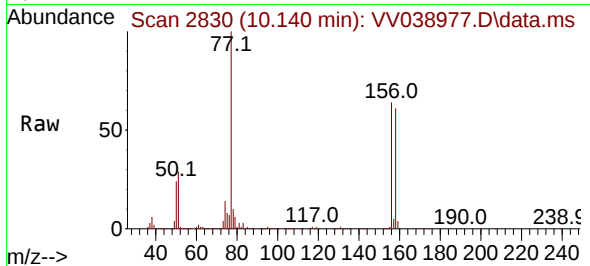
Tgt Ion: 75 Resp: 863782
Ion Ratio Lower Upper
75 100
77 14.9 11.3 33.8





#77
Bromobenzene
Concen: 97.379 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

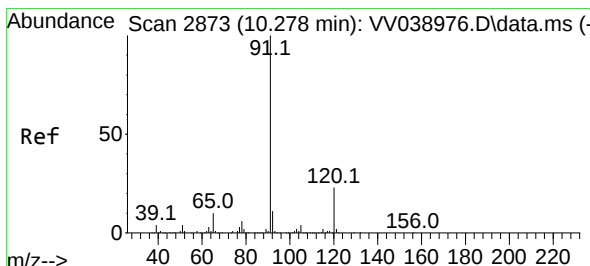
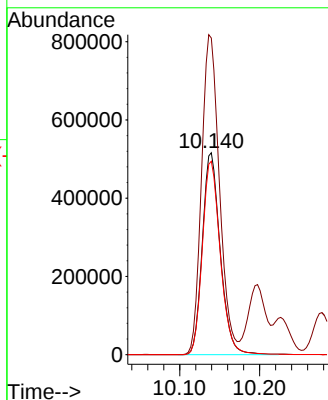
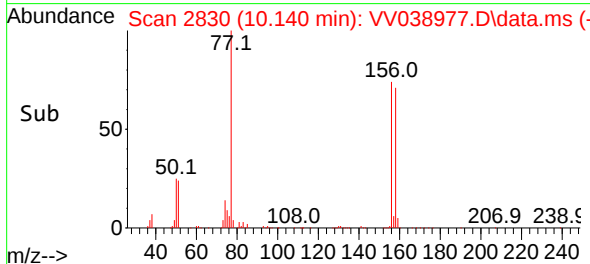
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



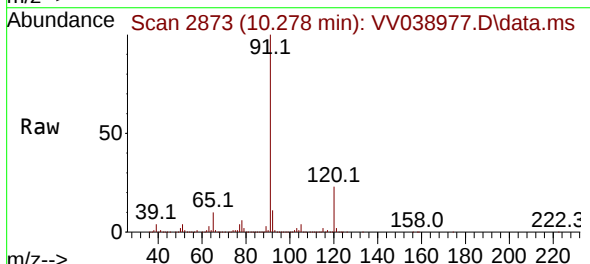
Tgt Ion:156 Resp: 802878
Ion Ratio Lower Upper
156 100
77 158.5 79.0 237.0
158 96.4 48.6 145.9

Manual Integrations
APPROVED

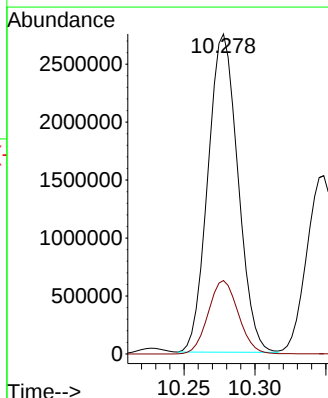
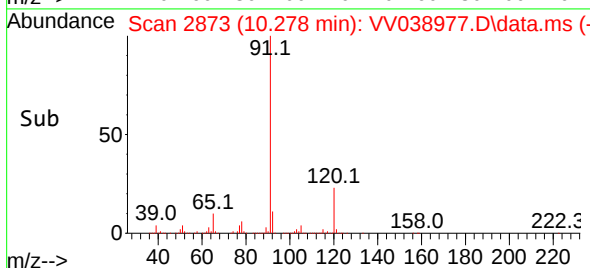
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

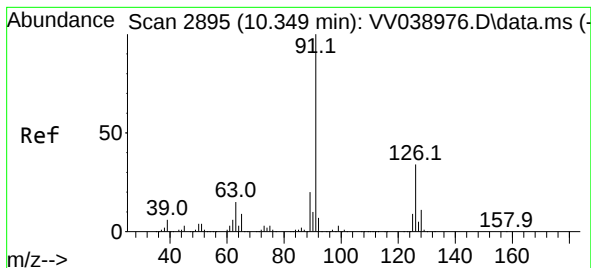


#78
n-propylbenzene
Concen: 105.529 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02



Tgt Ion: 91 Resp: 4043218
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





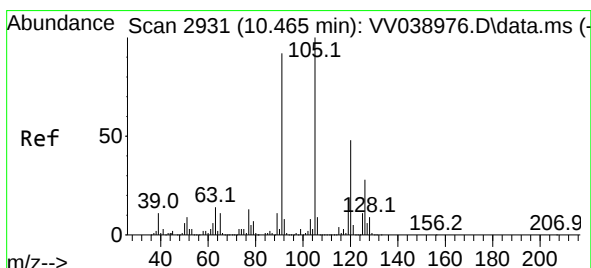
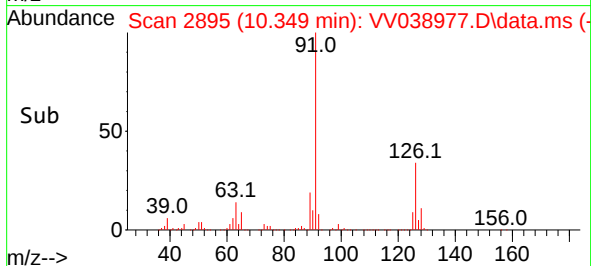
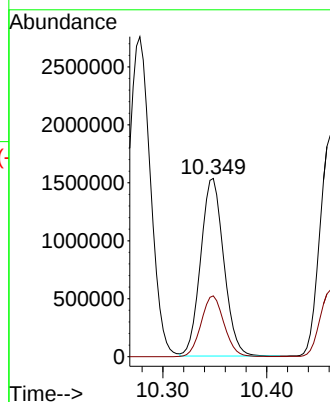
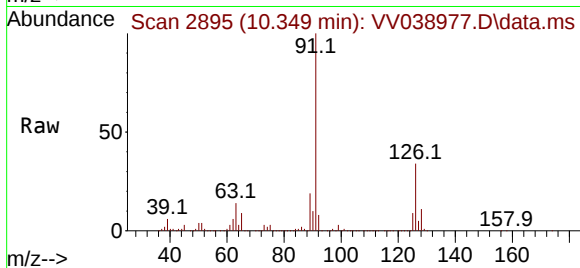
#79
2-Chlorotoluene
Concen: 100.509 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 2363524
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2

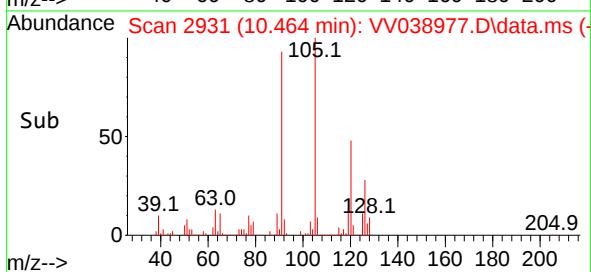
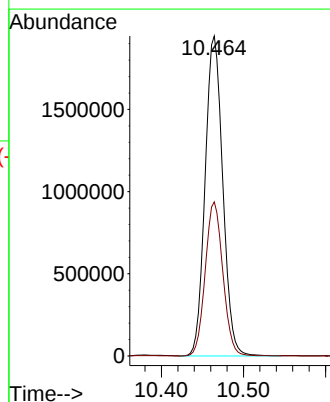
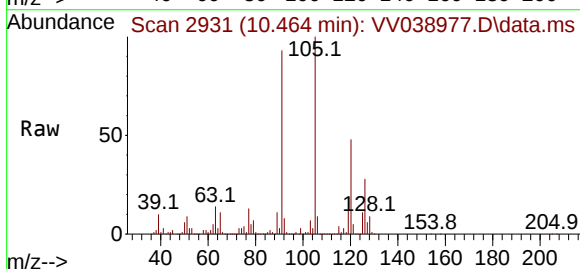
Manual Integrations
APPROVED

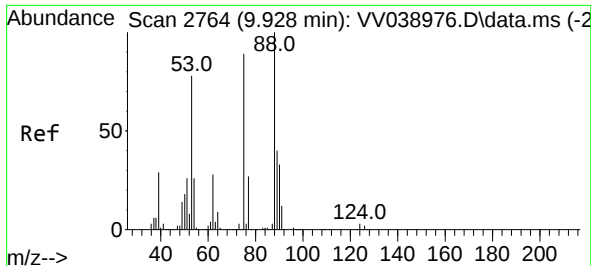
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 107.553 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

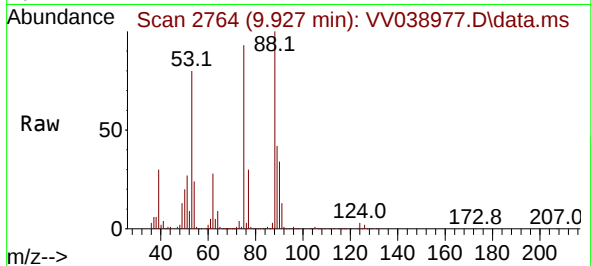
Tgt Ion:105 Resp: 2904548
Ion Ratio Lower Upper
105 100
120 48.2 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 106.395 ug/l
RT: 9.927 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

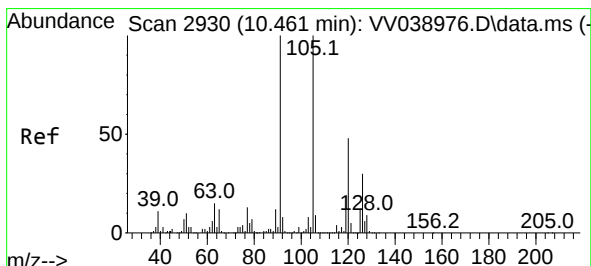
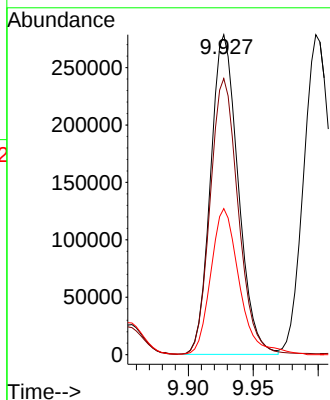
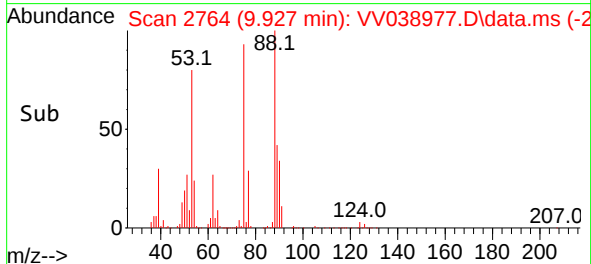
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 411068
Ion Ratio Lower Upper
75 100
53 87.5 70.3 105.5
89 47.5 37.9 56.9

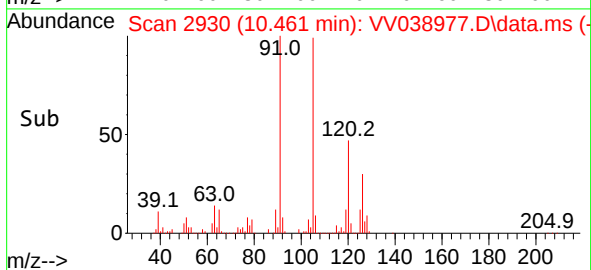
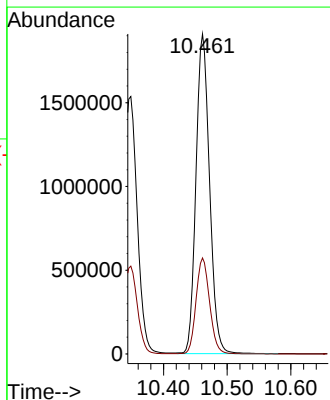
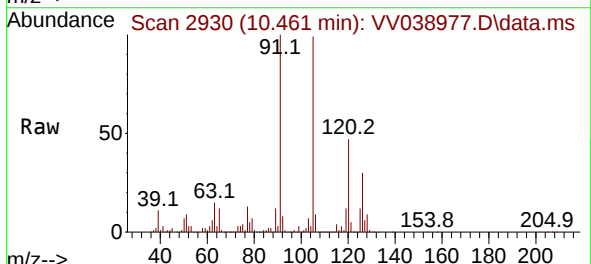
Manual Integrations
APPROVED

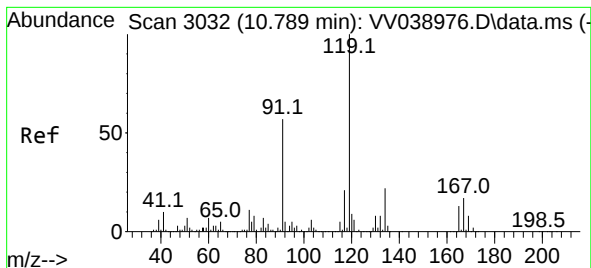
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#82
4-Chlorotoluene
Concen: 106.686 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Tgt Ion: 91 Resp: 2828682
Ion Ratio Lower Upper
91 100
126 29.8 14.9 44.5





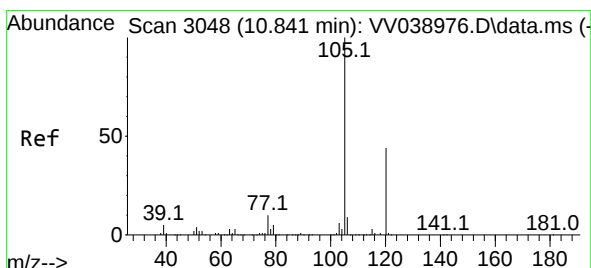
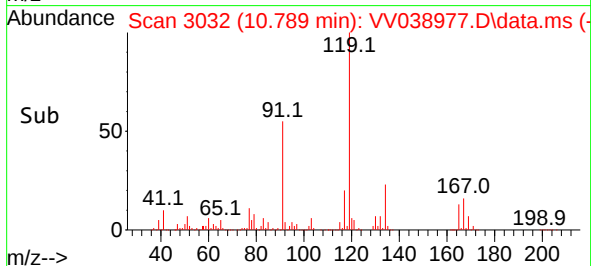
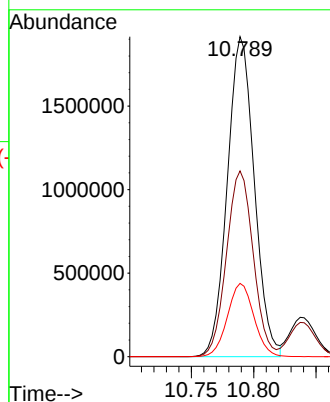
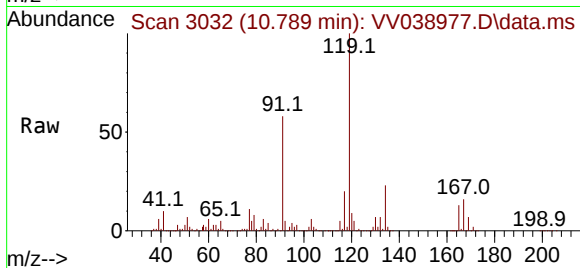
#83
tert-Butylbenzene
Concen: 107.787 ug/l
RT: 10.789 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 2890372
Ion Ratio Lower Upper
119 100
91 57.4 28.4 85.3
134 22.5 11.2 33.6

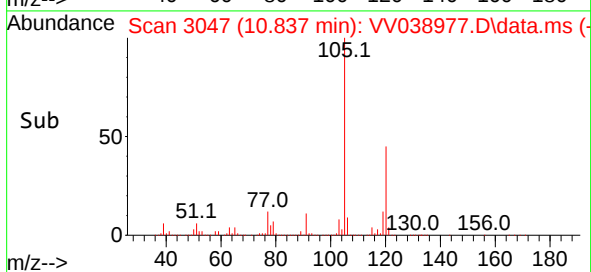
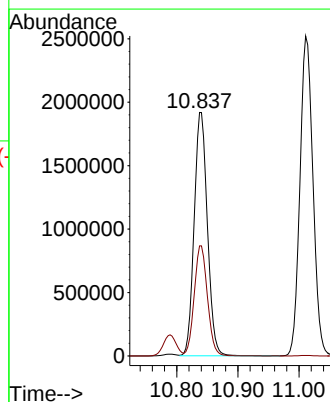
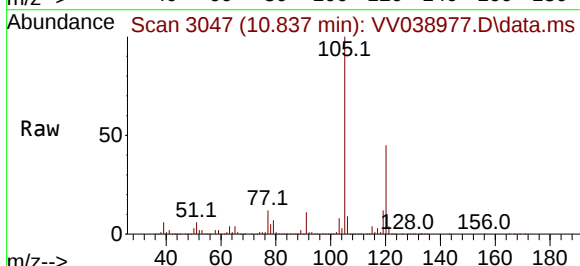
Manual Integrations
APPROVED

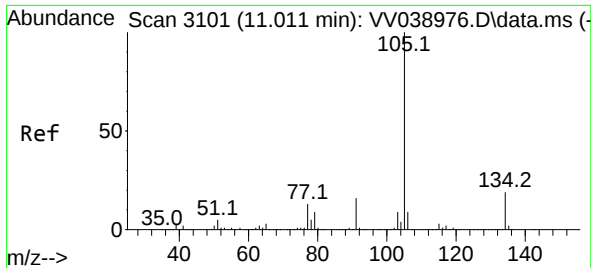
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#84
1,2,4-Trimethylbenzene
Concen: 111.462 ug/l
RT: 10.837 min Scan# 3047
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

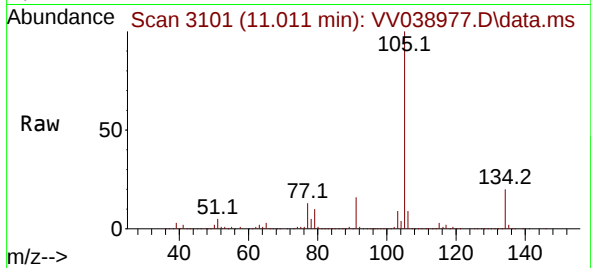
Tgt Ion:105 Resp: 2880593
Ion Ratio Lower Upper
105 100
120 45.1 22.8 68.3





#85
 sec-Butylbenzene
 Concen: 106.655 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: VV038977.D
 Acq: 21 Aug 2025 11:02

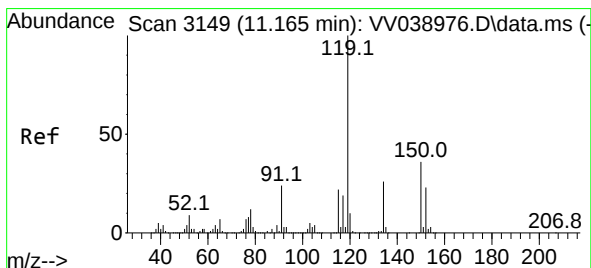
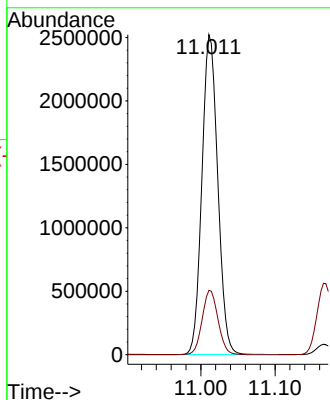
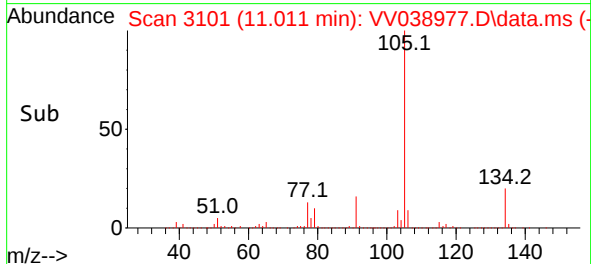
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100



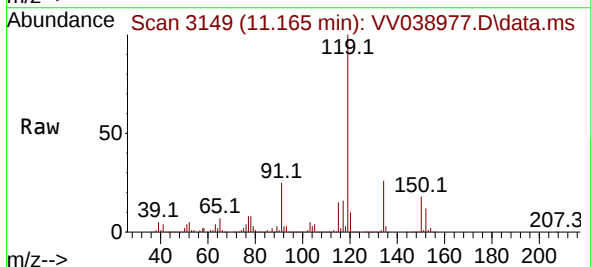
Tgt Ion:105 Resp: 3719520
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

Manual Integrations
 APPROVED

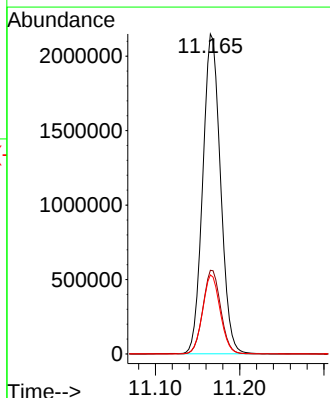
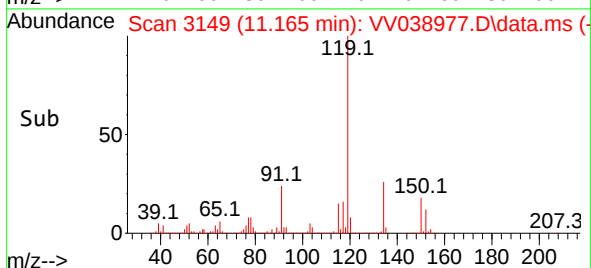
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

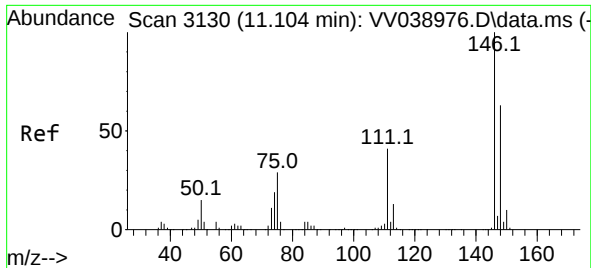


#86
 p-Isopropyltoluene
 Concen: 107.327 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VV038977.D
 Acq: 21 Aug 2025 11:02



Tgt Ion:119 Resp: 3152081
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 24.4 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 97.680 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. -0.000 min

Lab File: VV038977.D

Acq: 21 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 1590280

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

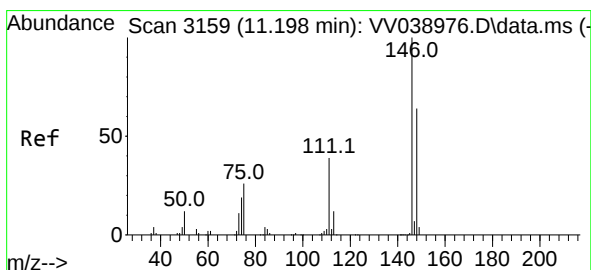
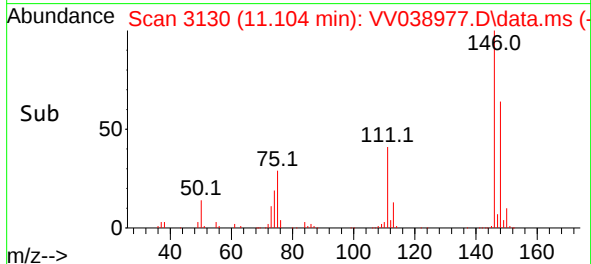
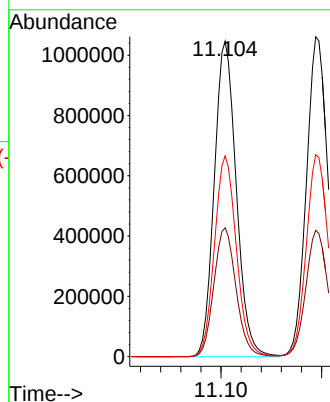
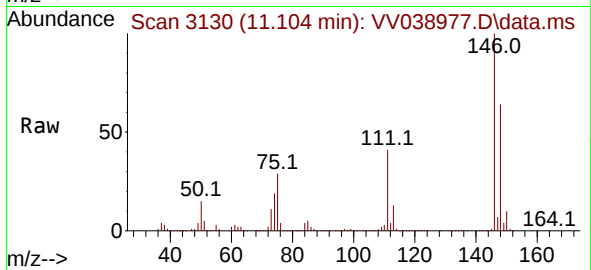
148 63.5 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#88

1,4-Dichlorobenzene

Concen: 92.669 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. -0.003 min

Lab File: VV038977.D

Acq: 21 Aug 2025 11:02

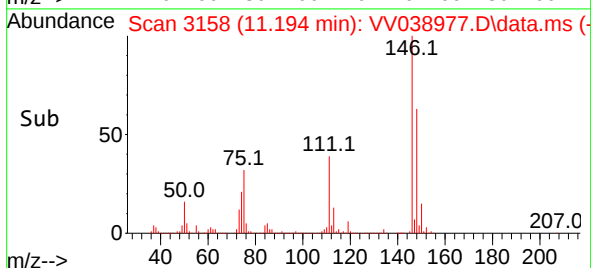
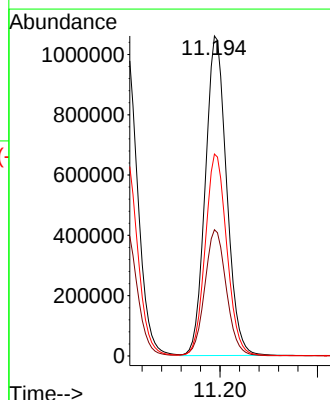
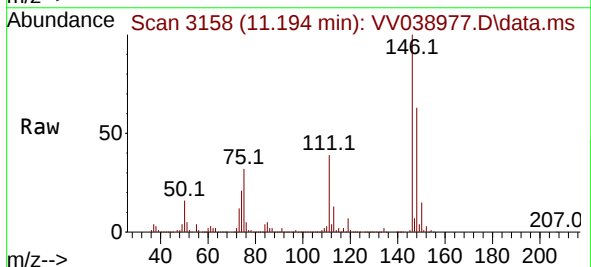
Tgt Ion:146 Resp: 1609343

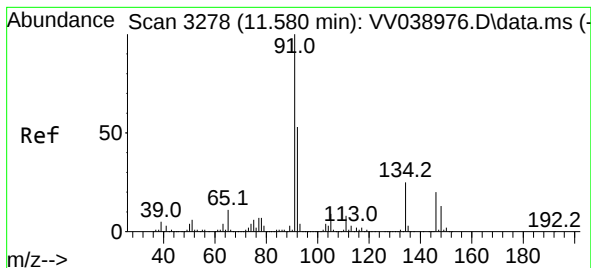
Ion Ratio Lower Upper

146 100

111 40.0 20.0 60.0

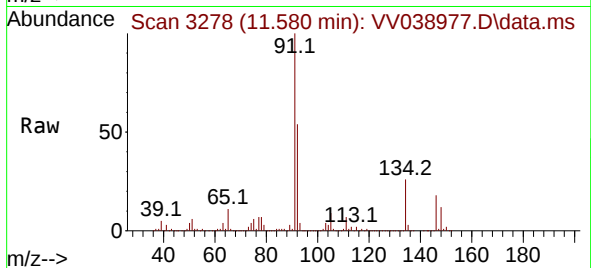
148 64.4 31.8 95.3





#89
n-Butylbenzene
Concen: 106.959 ug/l
RT: 11.580 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

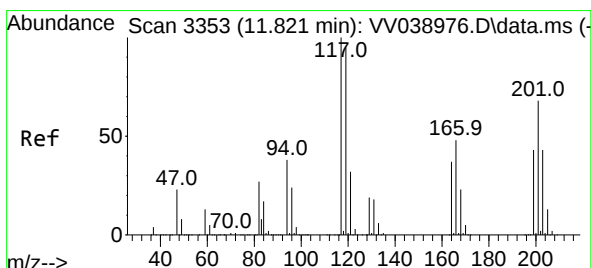
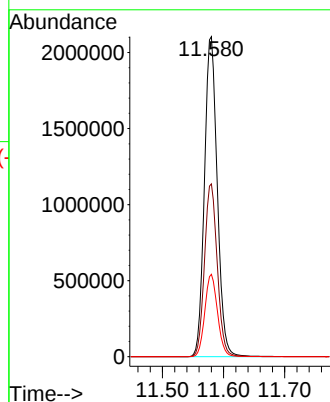
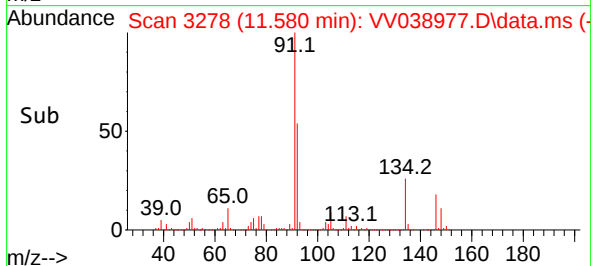
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 3060449
Ion Ratio Lower Upper
91 100
92 53.9 26.5 79.5
134 25.5 12.6 37.8

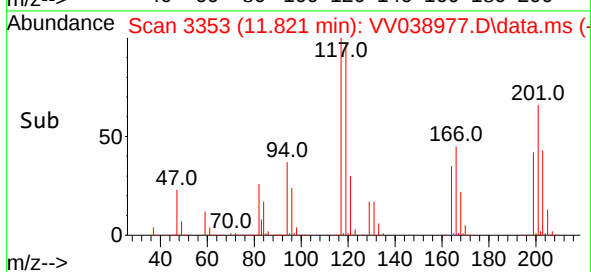
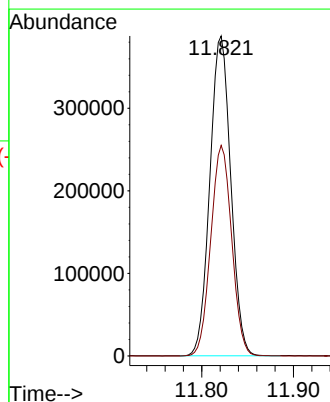
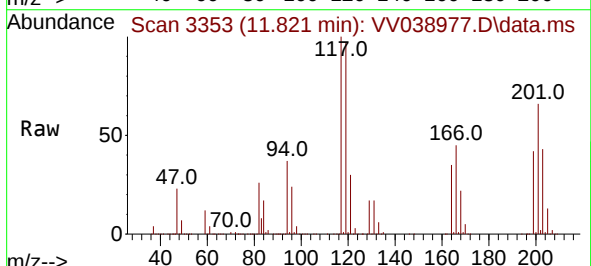
Manual Integrations
APPROVED

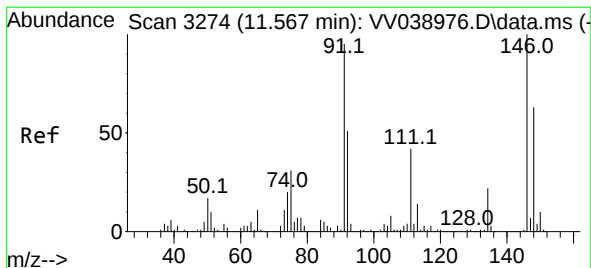
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#90
Hexachloroethane
Concen: 90.362 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

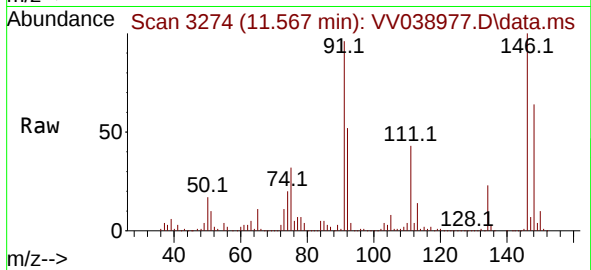
Tgt Ion:117 Resp: 613323
Ion Ratio Lower Upper
117 100
201 65.9 33.7 101.0





#91
1,2-Dichlorobenzene
Concen: 96.379 ug/l
RT: 11.567 min Scan# 3117
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

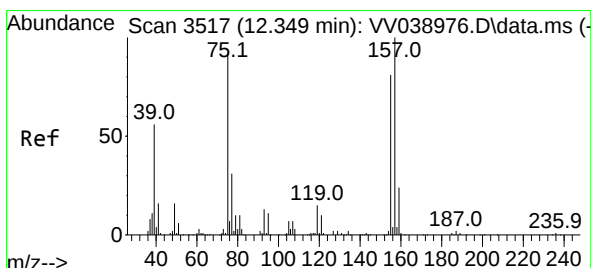
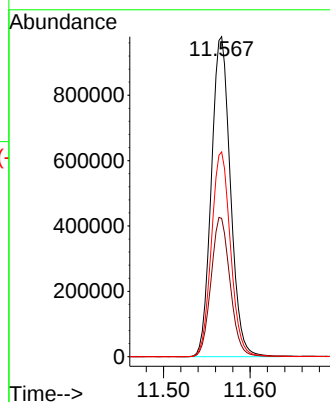
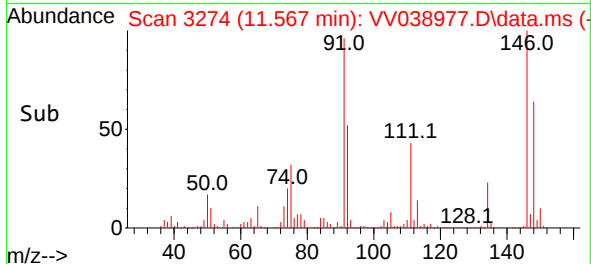
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



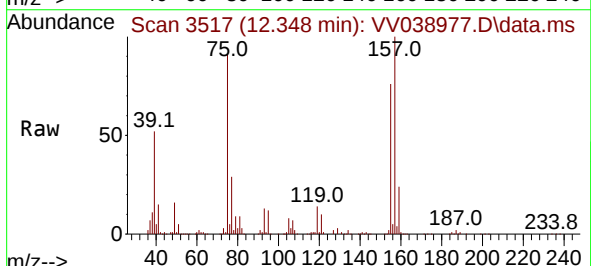
Tgt Ion:146 Resp: 1496200
Ion Ratio Lower Upper
146 100
111 43.5 21.1 63.4
148 64.3 31.9 95.7

Manual Integrations
APPROVED

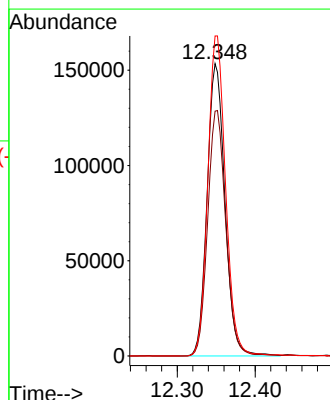
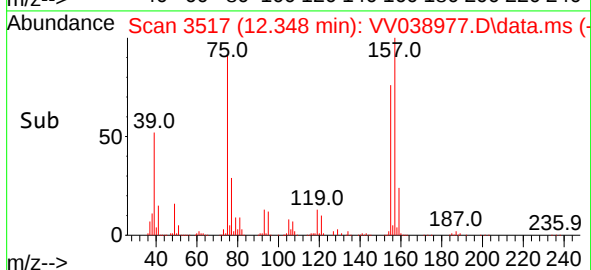
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

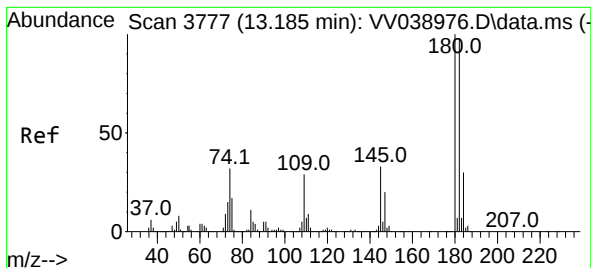


#92
1,2-Dibromo-3-Chloropropane
Concen: 98.554 ug/l
RT: 12.348 min Scan# 3517
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02



Tgt Ion: 75 Resp: 244279
Ion Ratio Lower Upper
75 100
155 84.8 43.7 131.1
157 109.0 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 109.977 ug/l

RT: 13.184 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038977.D

Acq: 21 Aug 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 101881

Ion Ratio Lower Upper

180 100

182 95.0 47.3 142.0

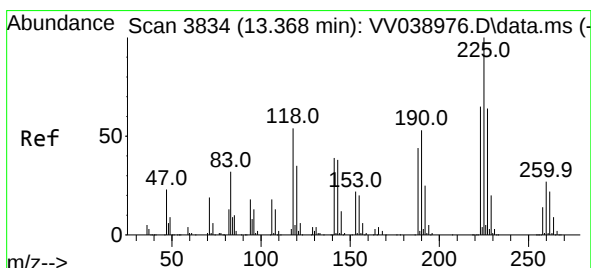
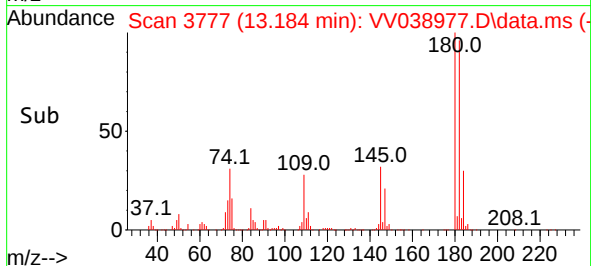
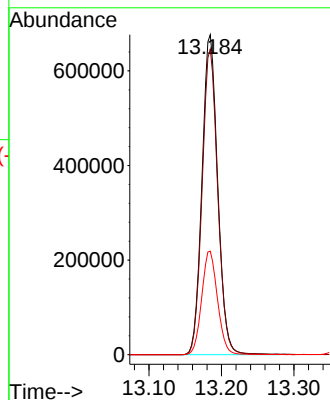
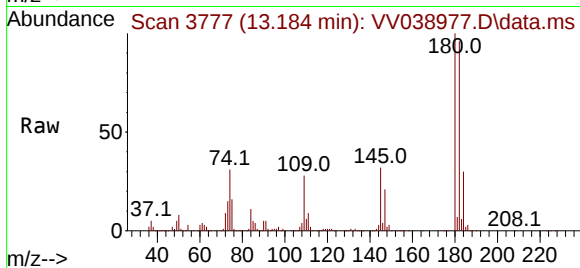
145 32.6 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#94

Hexachlorobutadiene

Concen: 91.285 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV038977.D

Acq: 21 Aug 2025 11:02

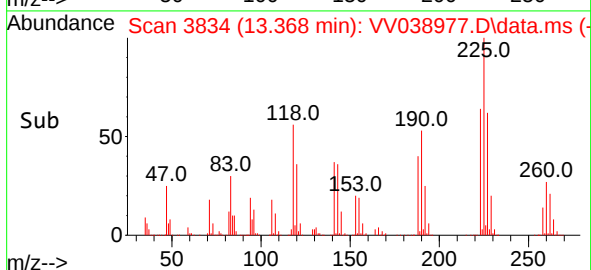
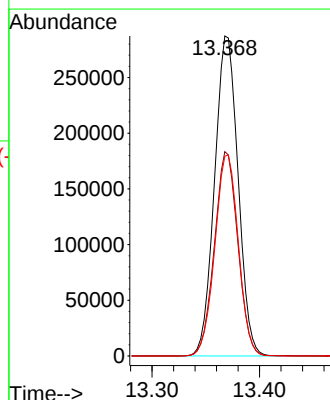
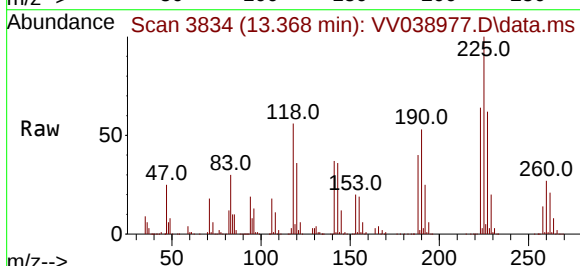
Tgt Ion:225 Resp: 435956

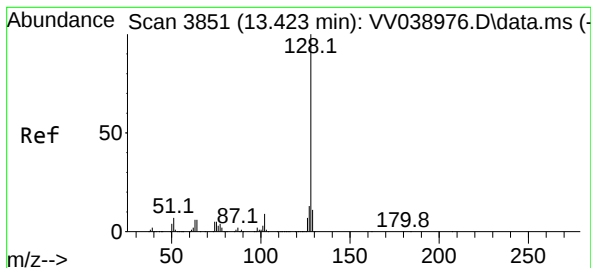
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.7

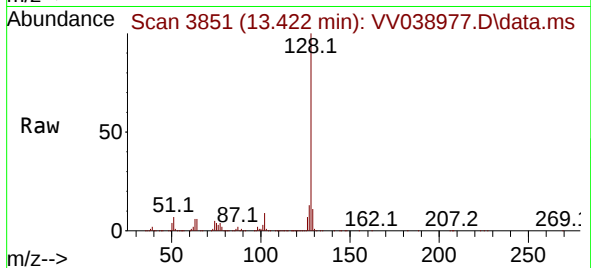
227 63.0 30.8 92.3





#95
Naphthalene
Concen: 121.132 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. -0.000 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02

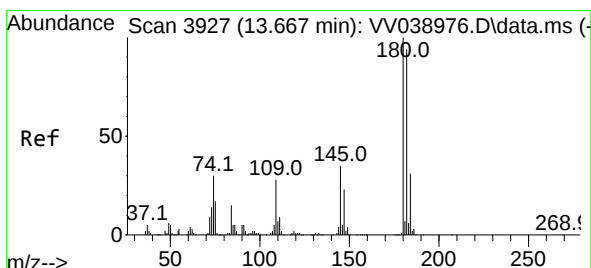
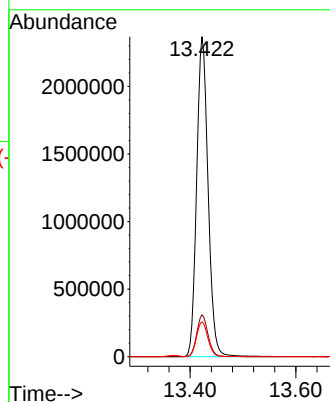
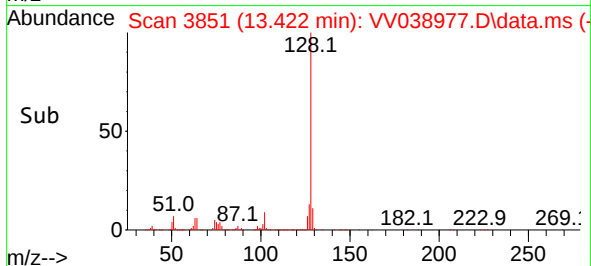
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100



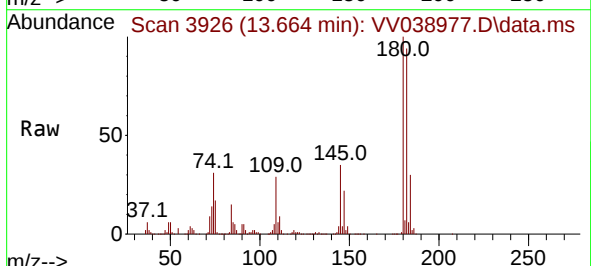
Tgt Ion:128 Resp: 3541220
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.5 12.7

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 108.929 ug/l
RT: 13.664 min Scan# 3926
Delta R.T. -0.003 min
Lab File: VV038977.D
Acq: 21 Aug 2025 11:02



Tgt Ion:180 Resp: 1017498
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.0
145 34.6 17.3 52.0

