

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
 Data File : VW031694.D
 Acq On : 08 May 2025 10:50
 Operator : SY/MD
 Sample : VSTD00565
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005465

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 05/08/2025
 Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 08 15:23:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 08 14:31:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	483789	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	348378	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	144188	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	44710	3.89	ug/L	0.00
7) Chloroethane-d5	2.893	69	29625	4.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	21326m	4.46	ug/L	0.00
21) 2-Butanone-d5	7.106	46	23173	9.70	ug/L	0.01
24) Chloroform-d	7.648	84	56909	5.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	22170	5.27	ug/L	0.00
32) Benzene-d6	8.270	84	122385	4.62	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	30827	5.07	ug/L	0.00
41) Toluene-d8	10.319	98	111514	4.65	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	9962	4.95	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	12613	9.81	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	23172	5.61	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	25501	5.22	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	2.015	85	45041	4.66	ug/L #	85
3) Chloromethane	2.210	50	39539	5.18	ug/L	96
5) Vinyl chloride	2.375	62	54919	4.78	ug/L	99
6) Bromomethane	2.783	94	25543	5.49	ug/L	93
8) Chloroethane	2.942	64	28299	5.14	ug/L	97
9) Trichlorofluoromethane	3.259	101	41585m	4.63	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	48528	4.11	ug/L	91
12) 1,1-Dichloroethene	4.039	96	45177m	4.90	ug/L	
13) Acetone	4.161	43	17939	10.66	ug/L	54
14) Carbon disulfide	4.393	76	142529	4.90	ug/L	99
15) Methyl Acetate	4.698	43	18148m	5.85	ug/L	
16) Methylene chloride	4.929	84	26776m	5.34	ug/L	
17) trans-1,2-Dichloroethene	5.423	96	40137	4.97	ug/L	86
18) Methyl tert-butyl Ether	5.435	73	32172	5.60	ug/L #	87
19) 1,1-Dichloroethane	6.210	63	65457	5.22	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	32503	5.24	ug/L	97
22) 2-Butanone	7.191	43	26261m	10.51	ug/L	
23) Bromochloromethane	7.520	128	11425	5.69	ug/L	86
25) Chloroform	7.679	83	57836	5.37	ug/L	96
27) 1,2-Dichloroethane	8.398	62	27895	5.59	ug/L	100
29) Cyclohexane	7.953	56	91455	4.06	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	66845	4.57	ug/L	99
31) Carbon tetrachloride	8.069	117	63250	4.32	ug/L	99
33) Benzene	8.319	78	139728	4.91	ug/L	100
34) Trichloroethene	9.093	95	45511	4.87	ug/L	94
35) Methylcyclohexane	9.331	83	99179	4.02	ug/L	96
37) 1,2-Dichloropropane	9.367	63	29566	5.35	ug/L #	92
38) Bromodichloromethane	9.642	83	30805	5.07	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	32521	4.75	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	35729	10.55	ug/L	99
42) Toluene	10.386	91	141737	4.68	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	26319	5.13	ug/L	97

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 Quant Title : SFAM01.0
 QLast Update : Thu May 08 14:31:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	16724	5.30	ug/L	97
46) Tetrachloroethene	10.861	164	34702	4.43	ug/L	94
48) 2-Hexanone	10.971	43	25884	9.63	ug/L #	95
49) Dibromochloromethane	11.129	129	16412	5.15	ug/L	89
50) 1,2-Dibromoethane	11.233	107	15647	5.28	ug/L	86
51) Chlorobenzene	11.654	112	75941	5.04	ug/L	95
52) Ethylbenzene	11.727	91	168504	4.63	ug/L	99
53) m,p-Xylene	11.837	106	59241	4.52	ug/L	86
54) o-Xylene	12.160	106	47429	4.60	ug/L	93
55) Styrene	12.178	104	67804	4.57	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.708	83	22695	5.55	ug/L	97
59) Bromoform	12.343	173	8806	5.14	ug/L #	91
60) Isopropylbenzene	12.458	105	178030	4.48	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	18271	5.75	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	121475	4.47	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	103986	4.50	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	54103	5.16	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	49887	5.11	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	42481	5.33	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	5181	5.05	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	35195	4.87	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	23712	4.85	ug/L	97
71) Naphthalene	15.360	128	47314	4.99	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	20737	5.22	ug/L	97

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

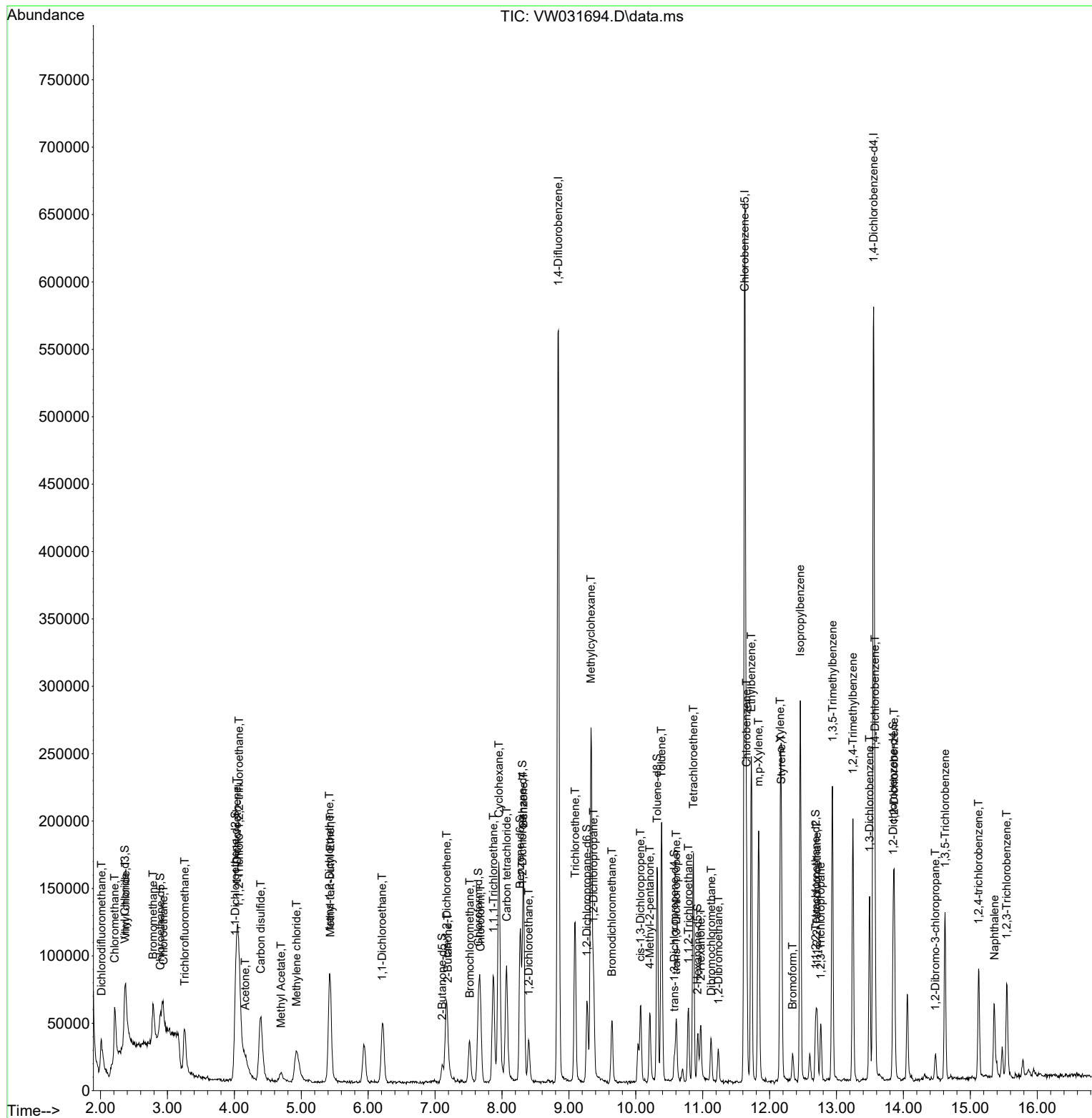
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Data File : VW031694.D
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Sample : VSTD00565
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ALS Vial : 4 Sample Multiplier: 1

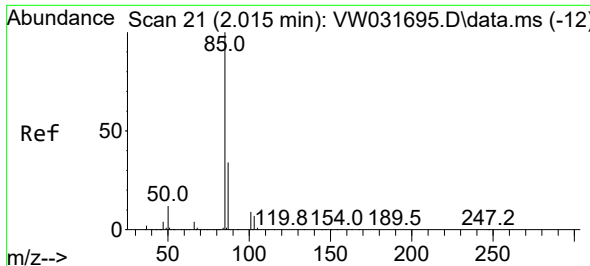
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ClientSampleId :
VSTD005465

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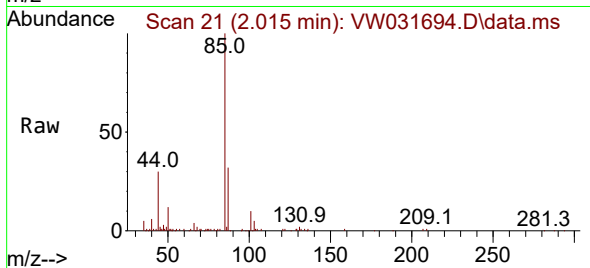
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 08 14:31:59 2025
Response via : Initial Calibration





#2
Dichlorodifluoromethane
Concen: 4.66 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

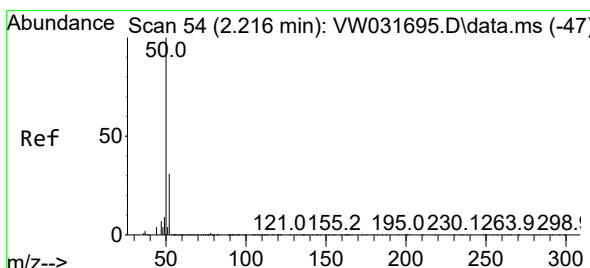
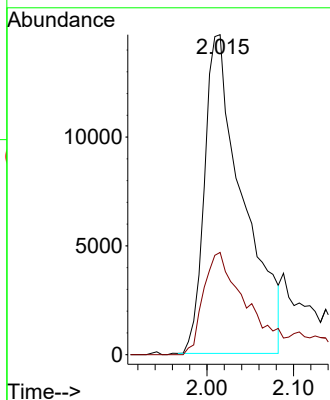
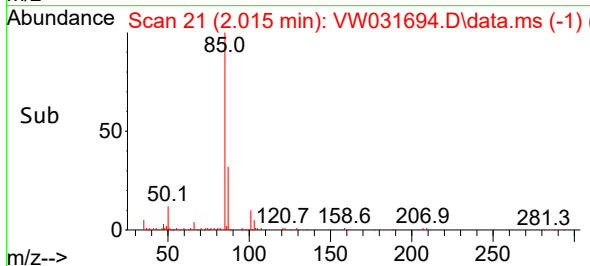
Instrument :
MSVOA_W
ClientSampleId :
VSTD005465



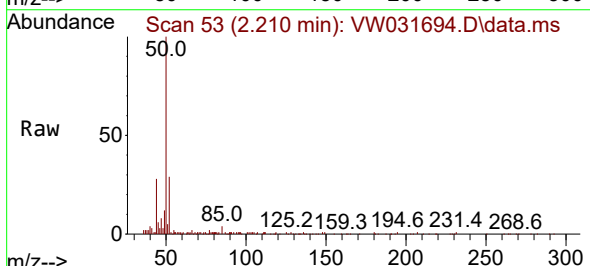
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Ion Ratio Lower Upper
85 100
87 35.7 0.1 0.1

Manual Integrations
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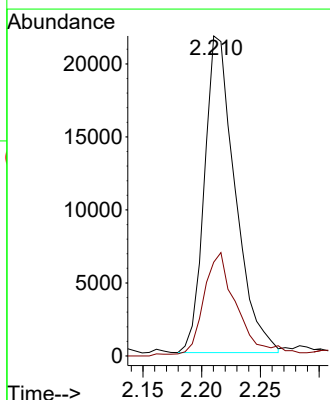
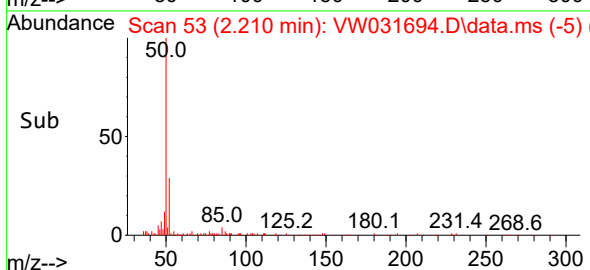
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

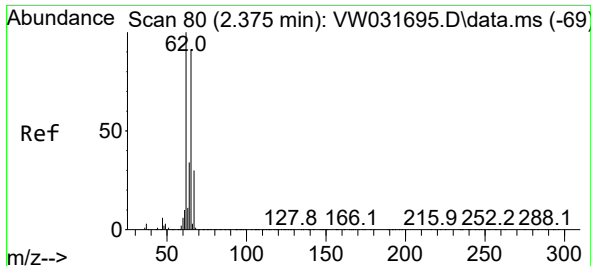


#3
Chloromethane
Concen: 5.18 ug/L
RT: 2.210 min Scan# 53
Delta R.T. -0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50



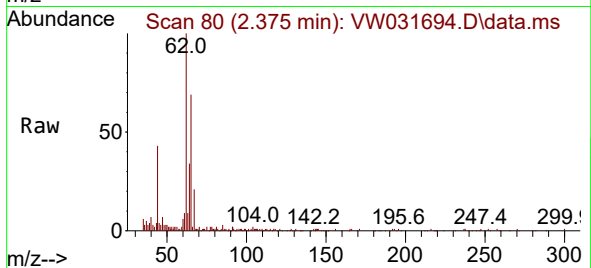
Tgt Ion: 50 Resp: 39539
Ion Ratio Lower Upper
50 100
52 29.3 22.0 41.0





#5
 Vinyl chloride
 Concen: 4.78 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW031694.D
 Acq: 08 May 2025 10:50

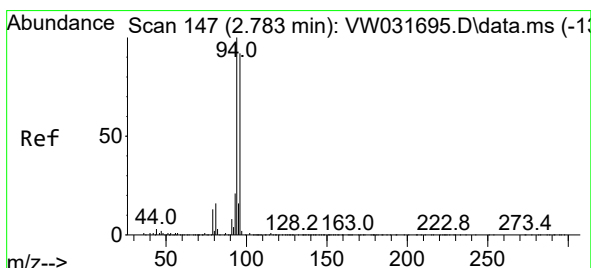
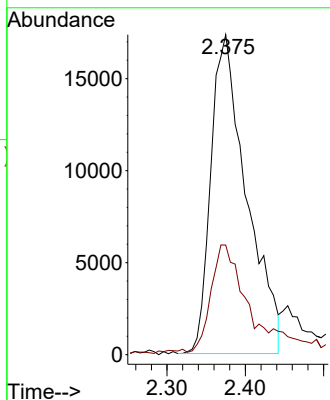
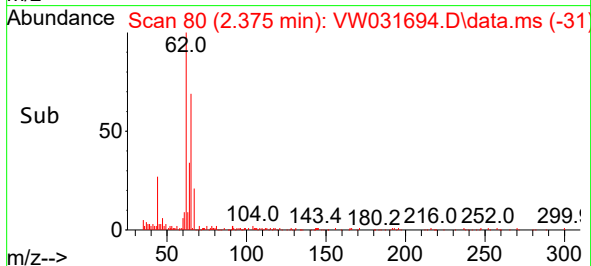
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005465



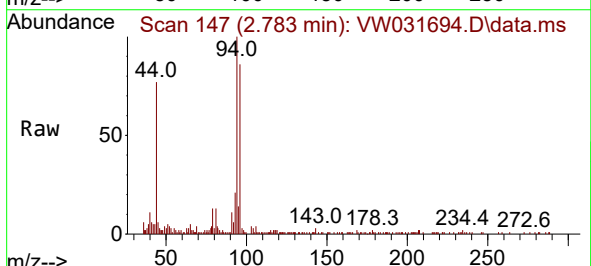
Tgt Ion: 62 Resp: 54919
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.7 43.9

Manual Integrations
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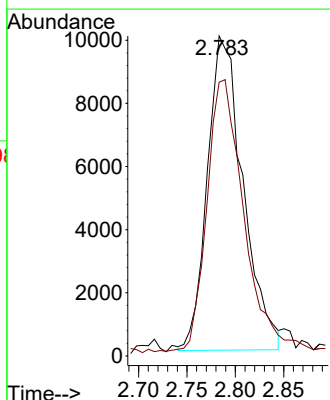
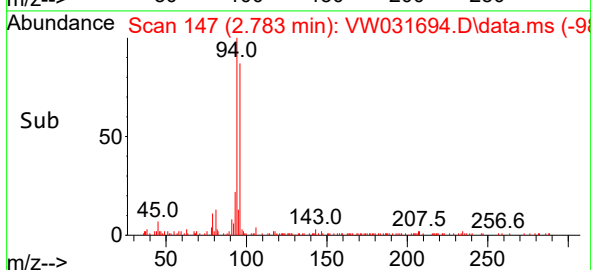
Reviewed By :Amit Patel 05/08/2025
 Supervised By :Mahesh Dadoda 05/12/2025

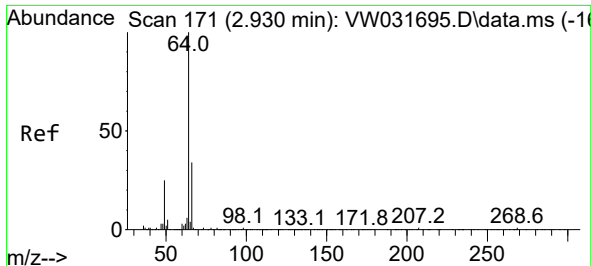


#6
 Bromomethane
 Concen: 5.49 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW031694.D
 Acq: 08 May 2025 10:50



Tgt Ion: 94 Resp: 25543
 Ion Ratio Lower Upper
 94 100
 96 85.6 64.3 119.3





#8

Chloroethane

Concen: 5.14 ug/L

RT: 2.942 min Scan# 171

Delta R.T. 0.012 min

Lab File: VW031694.D

Acq: 08 May 2025 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD005465

Tgt Ion: 64 Resp: 2829

Ion Ratio Lower Upper

64 100

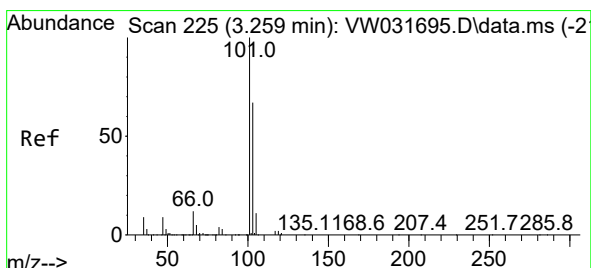
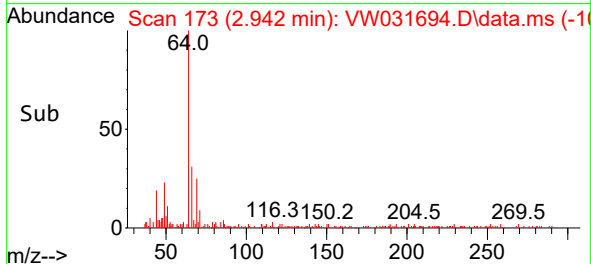
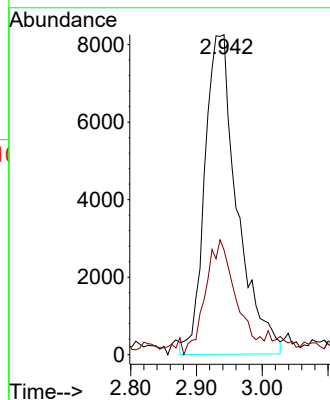
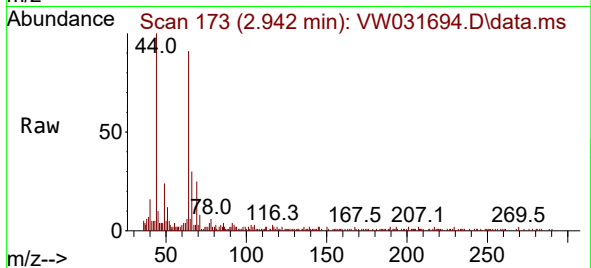
66 32.7 23.9 44.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/08/2025

Supervised By :Mahesh Dadoda 05/12/2025



#9

Trichlorofluoromethane

Concen: 4.63 ug/L m

RT: 3.259 min Scan# 225

Delta R.T. -0.000 min

Lab File: VW031694.D

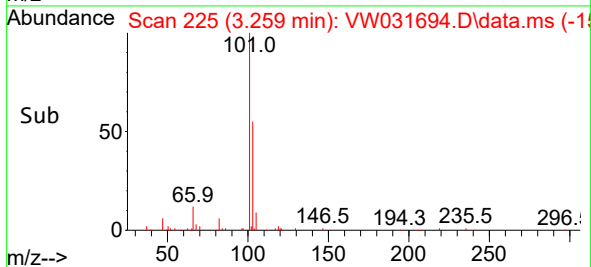
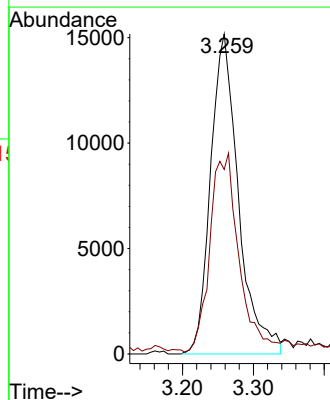
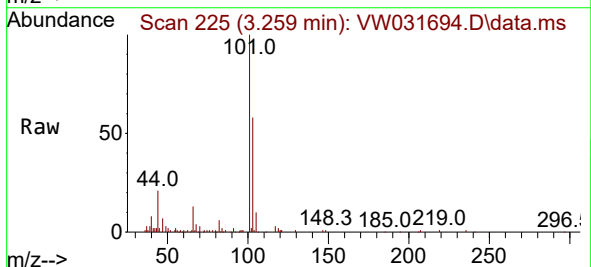
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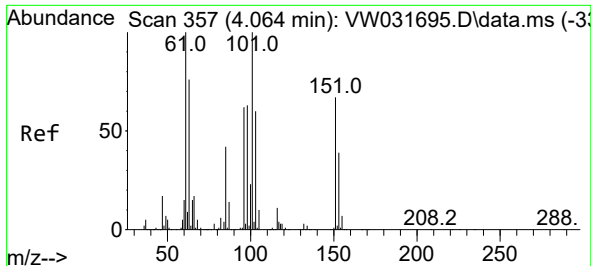
Tgt Ion:101 Resp: 41585

Ion Ratio Lower Upper

101 100

103 0.4 51.8 77.8#





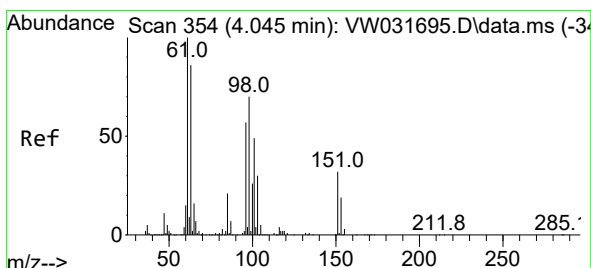
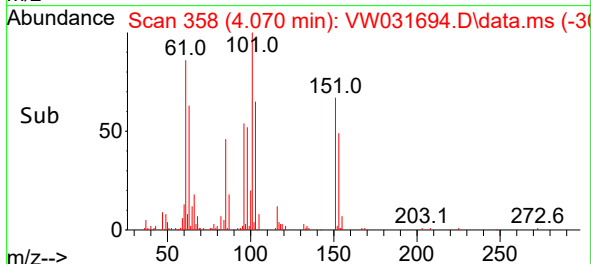
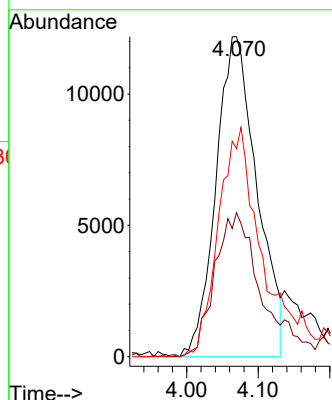
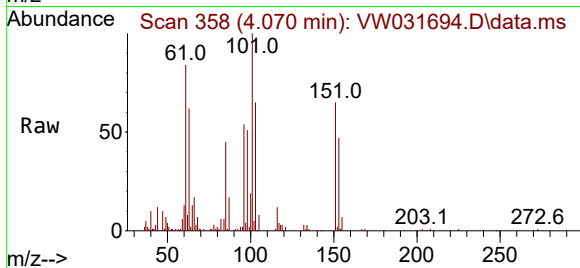
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.11 ug/L
RT: 4.070 min Scan# 357
Delta R.T. 0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Tgt Ion: 101 Resp: 4852
Ion Ratio Lower Upper
101 100
85 46.2 31.8 47.6
151 62.4 54.6 82.0

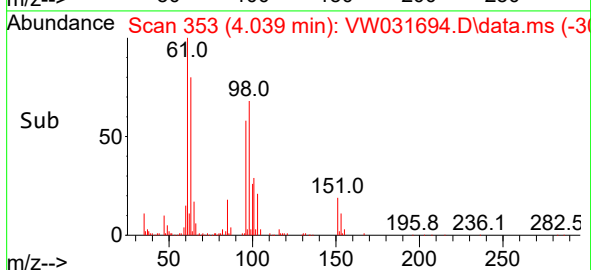
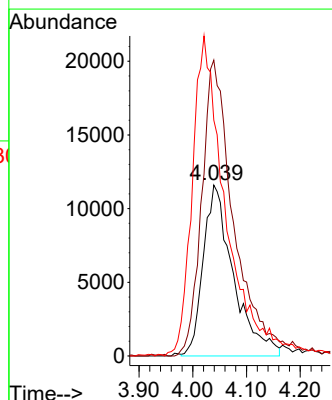
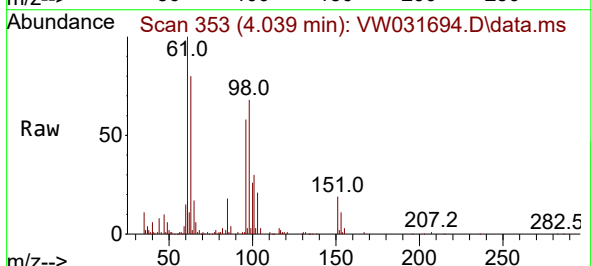
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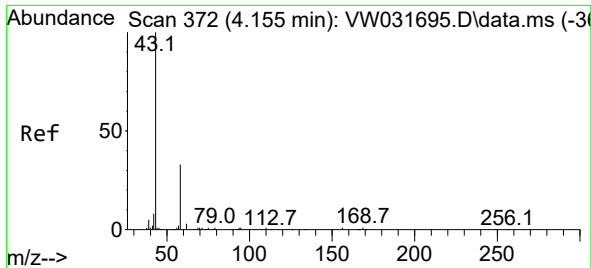
Reviewed By :Amit Patel 05/08/2025
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#12
1,1-Dichloroethene
Concen: 4.90 ug/L m
RT: 4.039 min Scan# 353
Delta R.T. -0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

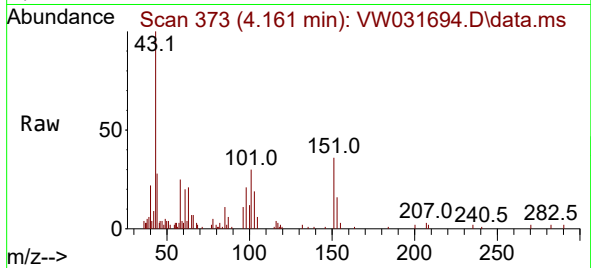
Tgt Ion: 96 Resp: 45177
Ion Ratio Lower Upper
96 100
61 173.1 124.5 231.1
63 138.0 110.2 204.6





#13
Acetone
Concen: 10.66 ug/L
RT: 4.161 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

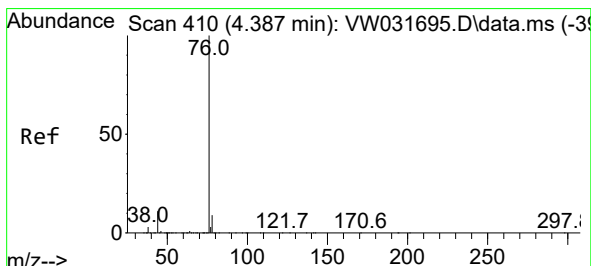
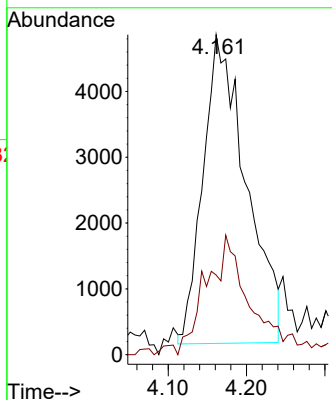
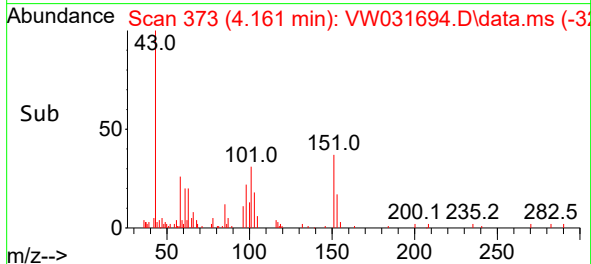
Instrument :
MSVOA_W
ClientSampleId :
VSTD005465



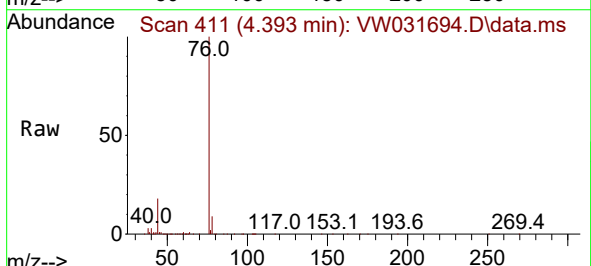
Tgt Ion: 43 Resp: 17939
Ion Ratio Lower Upper
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58 7.0 0.0 66.2

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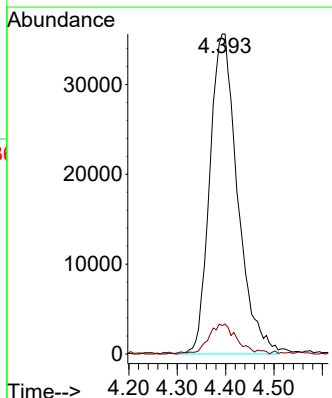
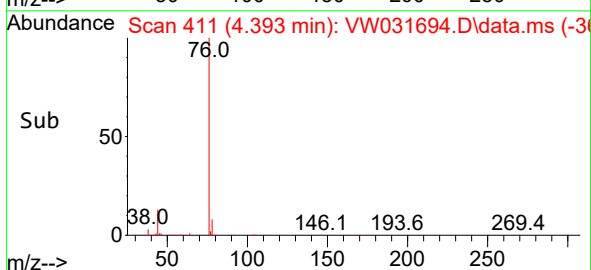
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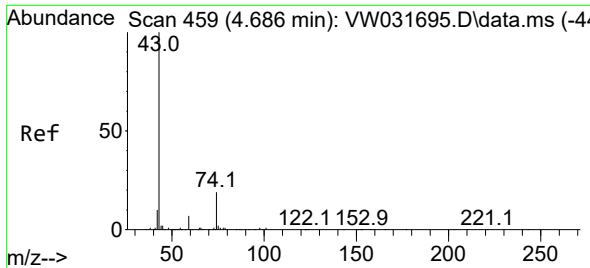


#14
Carbon disulfide
Concen: 4.90 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50



Tgt Ion: 76 Resp: 142529
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3





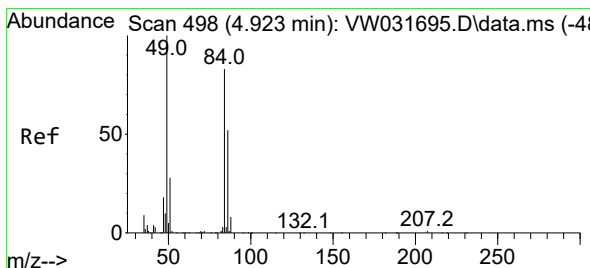
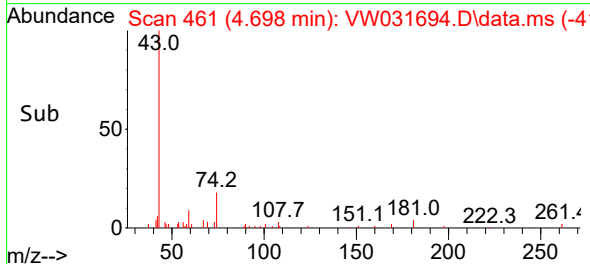
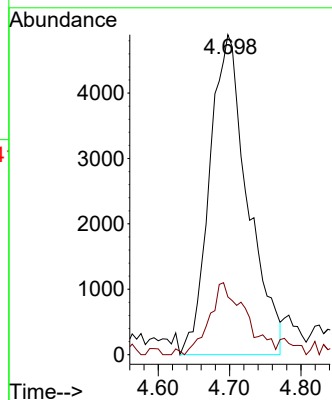
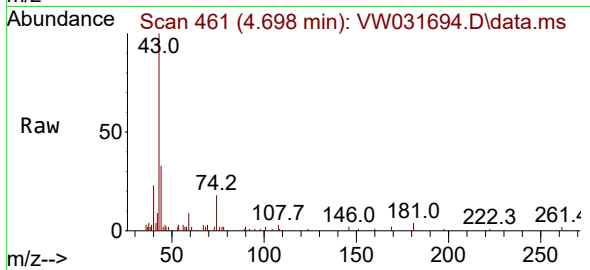
#15
Methyl Acetate
Concen: 5.85 ug/L m
RT: 4.698 min Scan# 4
Delta R.T. 0.012 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Tgt Ion: 43 Resp: 1814
Ion Ratio Lower Upper
43 100
74 0.2 8.7 13.1

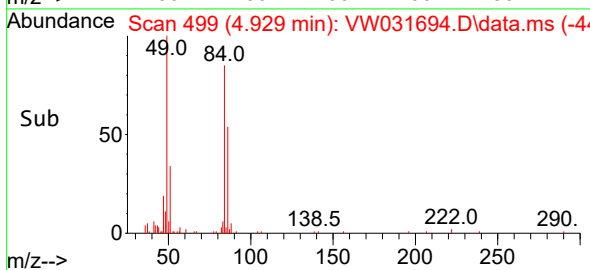
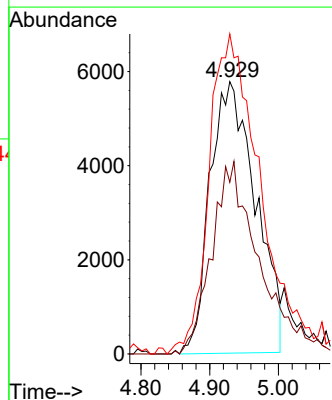
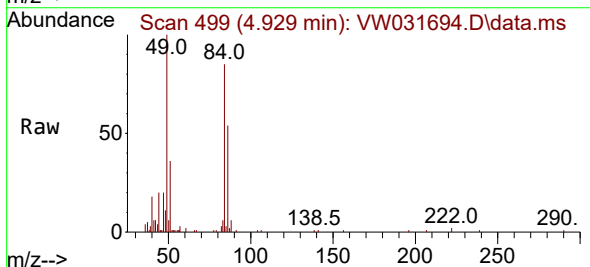
Manual Integrations
APPROVED

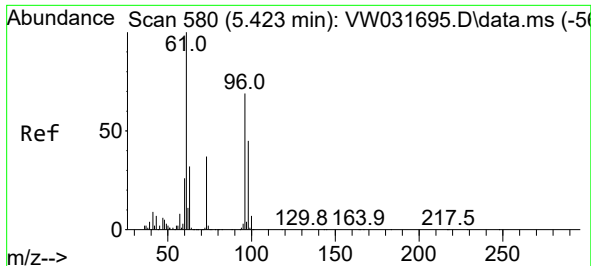
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#16
Methylene chloride
Concen: 5.34 ug/L m
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Tgt Ion: 84 Resp: 26776
Ion Ratio Lower Upper
84 100
86 63.0 44.2 82.2
49 117.5 85.1 158.1





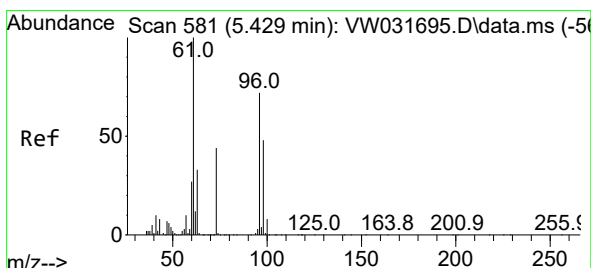
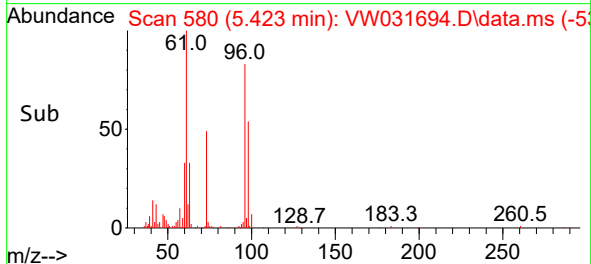
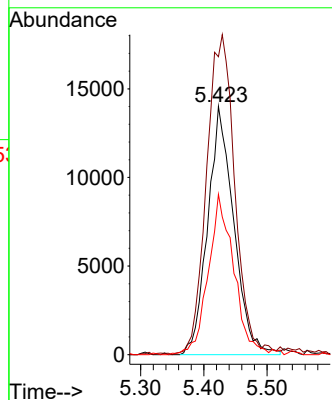
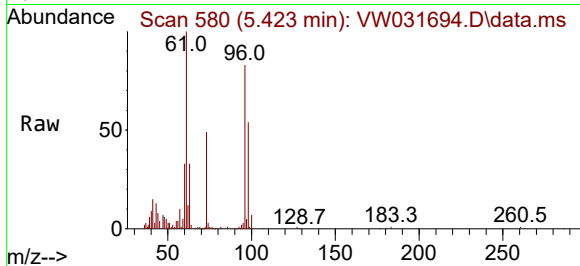
#17
trans-1,2-Dichloroethene
Concen: 4.97 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Tgt Ion: 96 Resp: 4013
Ion Ratio Lower Upper
96 100
61 120.0 100.9 187.3
98 64.6 45.0 83.6

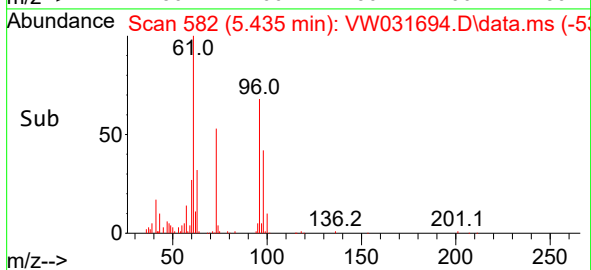
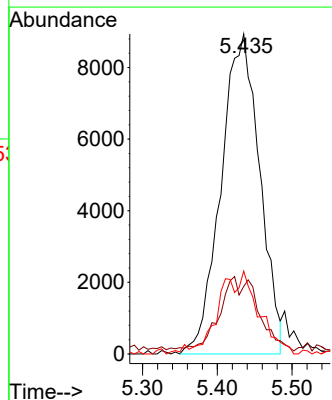
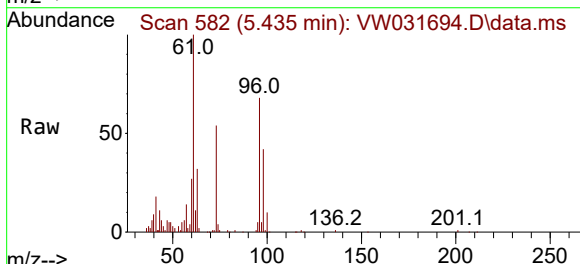
Manual Integrations
APPROVED

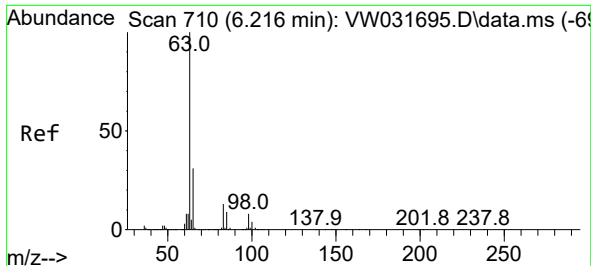
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#18
Methyl tert-butyl Ether
Concen: 5.60 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Tgt Ion: 73 Resp: 32172
Ion Ratio Lower Upper
73 100
43 10.9 15.4 23.2#
57 9.9 8.5 12.7





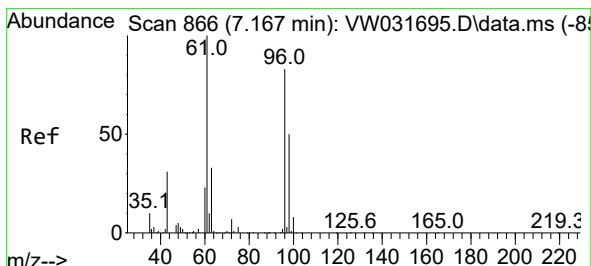
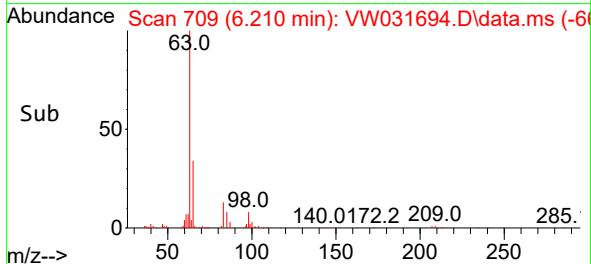
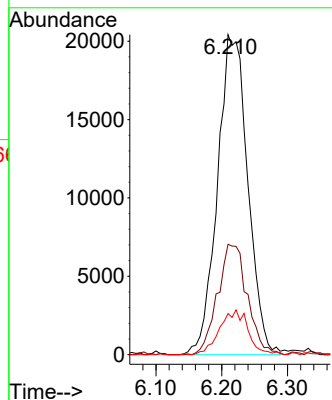
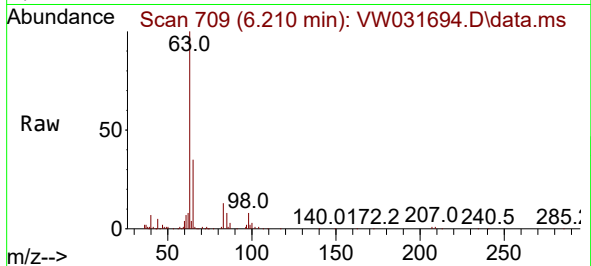
#19
1,1-Dichloroethane
Concen: 5.22 ug/L
RT: 6.210 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Tgt Ion: 63 Resp: 6545
Ion Ratio Lower Upper
63 100
65 34.5 21.6 40.0
83 12.8 9.4 17.4

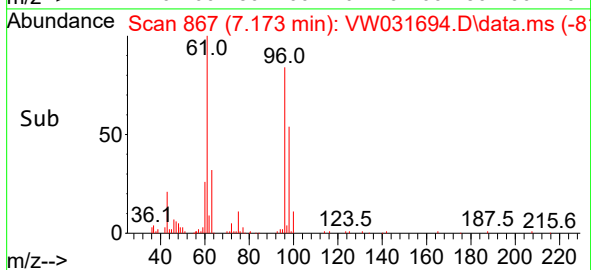
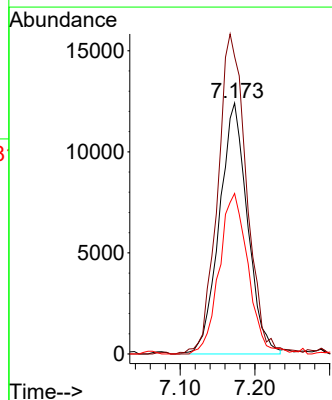
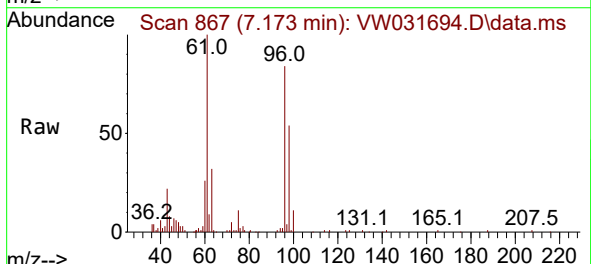
Manual Integrations
APPROVED

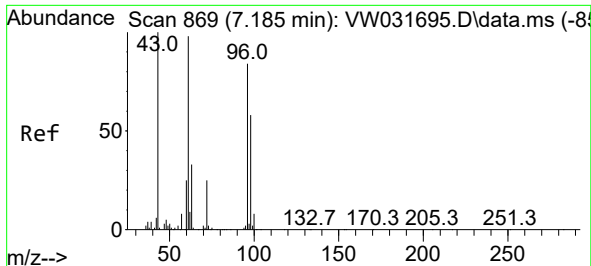
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#20
cis-1,2-Dichloroethene
Concen: 5.24 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Tgt Ion: 96 Resp: 32503
Ion Ratio Lower Upper
96 100
61 118.6 84.8 157.6
98 64.0 42.4 78.6





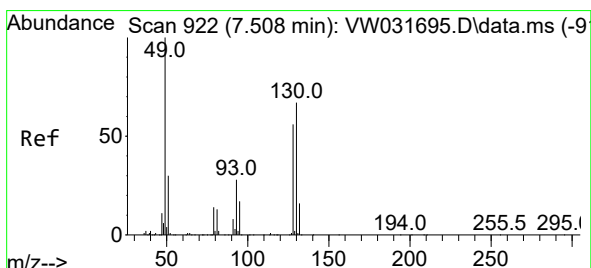
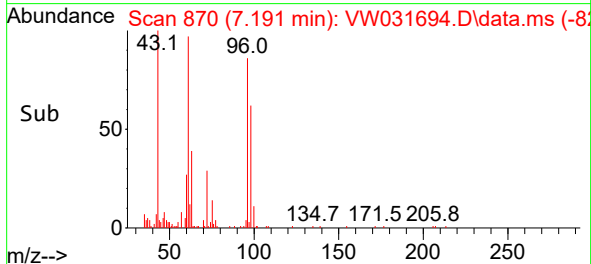
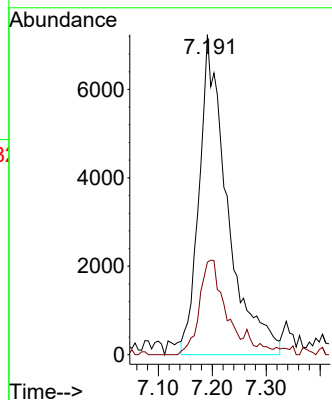
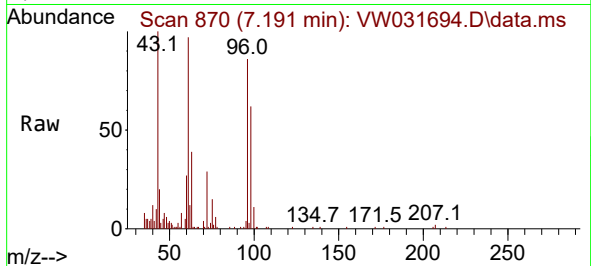
#22
2-Butanone
Concen: 10.51 ug/L m
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Tgt Ion: 43 Resp: 2626
Ion Ratio Lower Upper
43 100
72 0.2 13.7 41.1

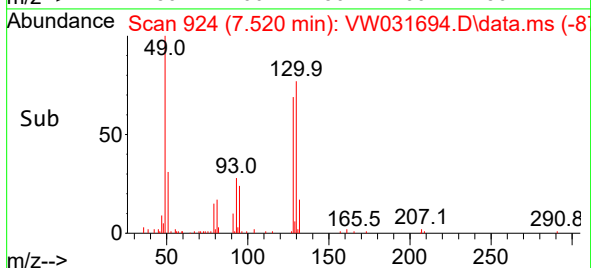
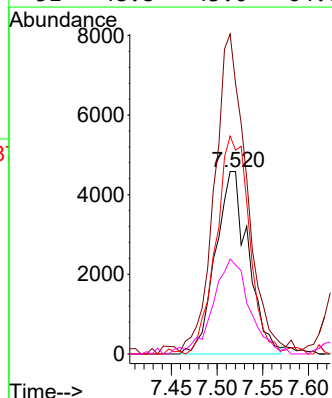
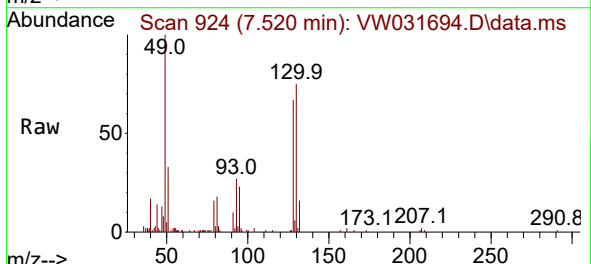
Manual Integrations
APPROVED

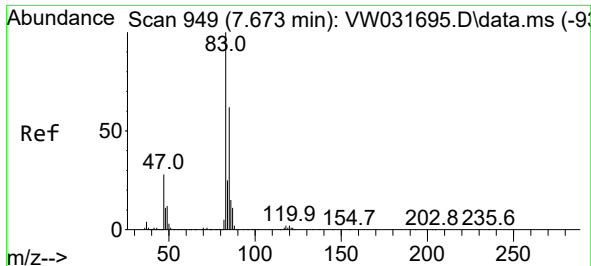
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#23
Bromochloromethane
Concen: 5.69 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.012 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Tgt Ion:128 Resp: 11425
Ion Ratio Lower Upper
128 100
49 148.2 125.1 232.3
130 111.8 83.9 155.7
51 48.8 43.0 64.6





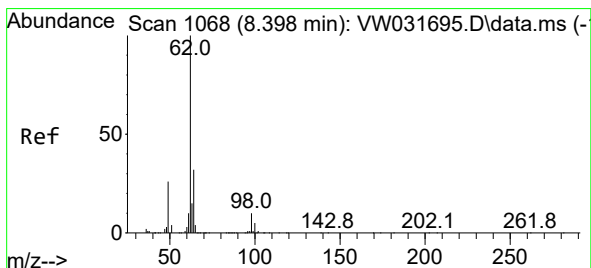
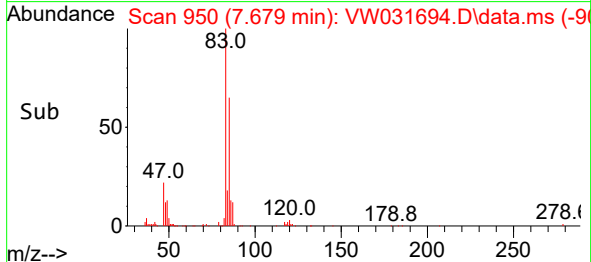
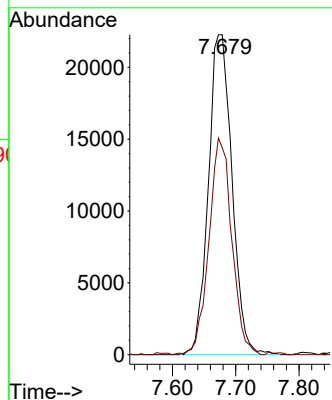
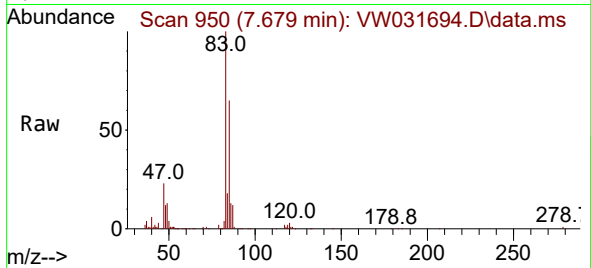
#25
Chloroform
Concen: 5.37 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Tgt Ion: 83 Resp: 57830
Ion Ratio Lower Upper
83 100
85 64.6 43.2 80.2

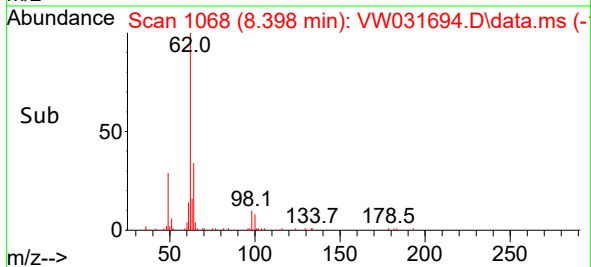
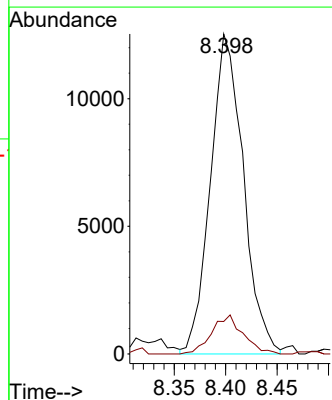
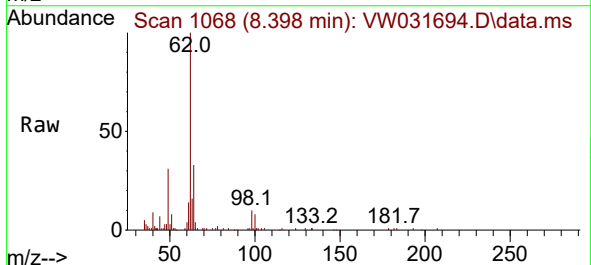
Manual Integrations
APPROVED

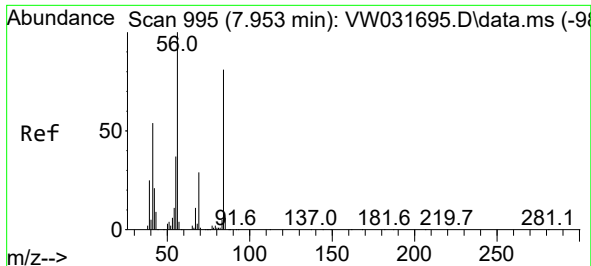
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#27
1,2-Dichloroethane
Concen: 5.59 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

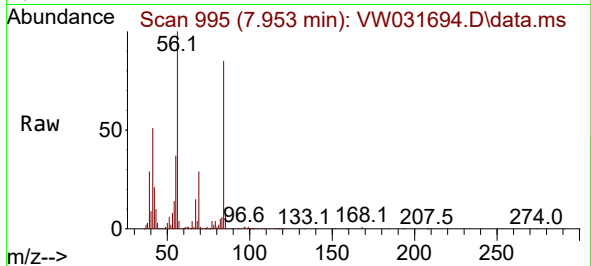
Tgt Ion: 62 Resp: 27895
Ion Ratio Lower Upper
62 100
98 10.2 8.0 12.0





#29
Cyclohexane
Concen: 4.06 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

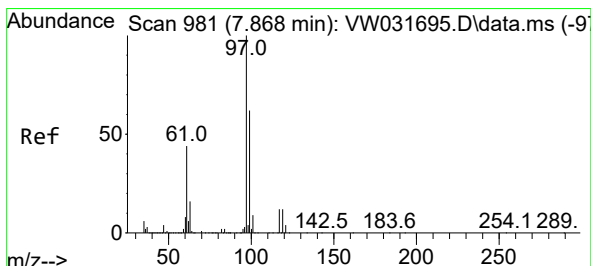
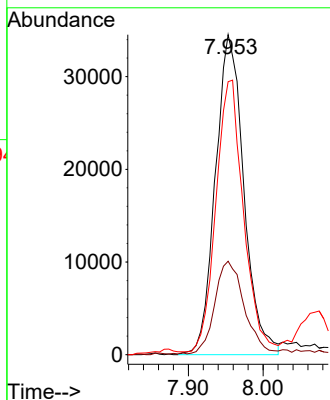
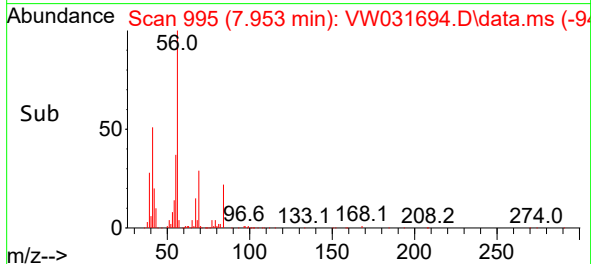
Instrument :
MSVOA_W
ClientSampleId :
VSTD005465



Tgt Ion: 56 Resp: 91458
Ion Ratio Lower Upper
56 100
69 30.5 24.9 37.3
84 82.7 68.2 102.4

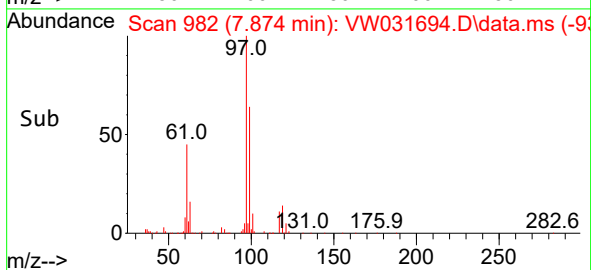
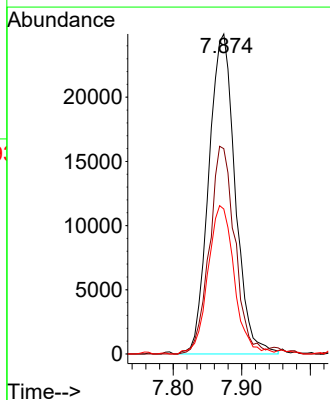
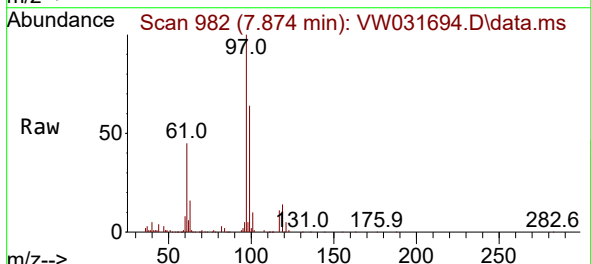
Manual Integrations
APPROVED

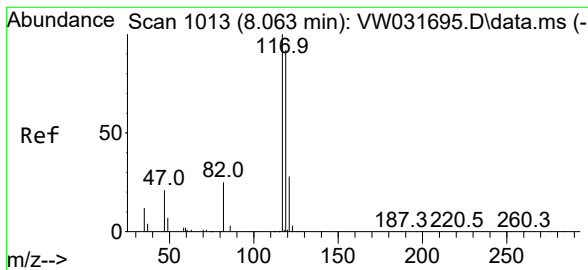
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#30
1,1,1-Trichloroethane
Concen: 4.57 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Tgt Ion: 97 Resp: 66845
Ion Ratio Lower Upper
97 100
99 62.3 51.0 76.4
61 45.7 36.4 54.6





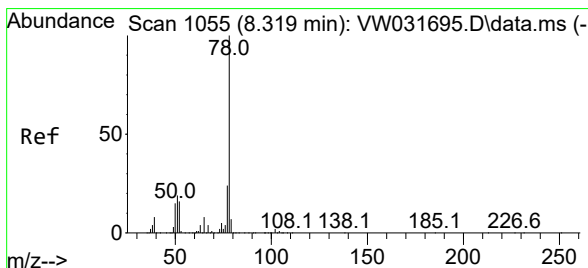
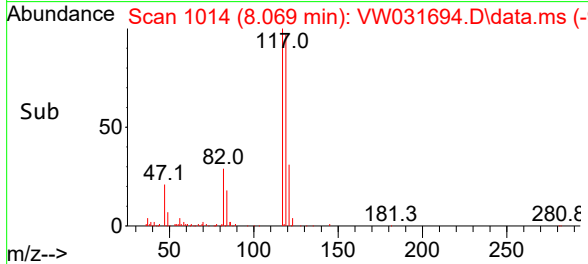
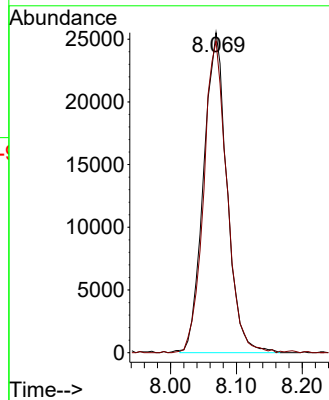
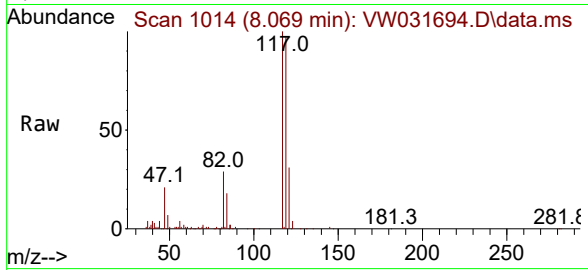
#31
Carbon tetrachloride
Concen: 4.32 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Tgt Ion:117 Resp: 63250
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7

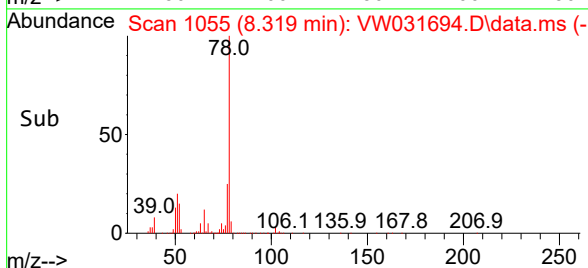
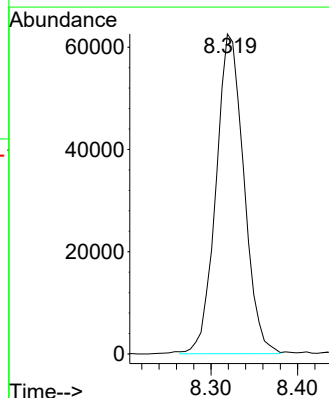
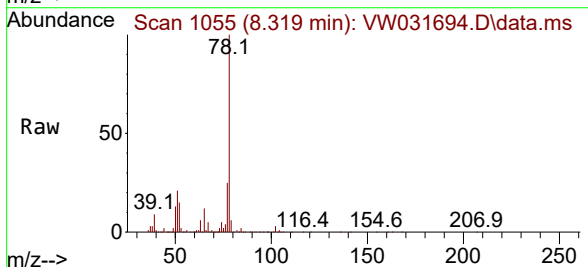
Manual Integrations
APPROVED

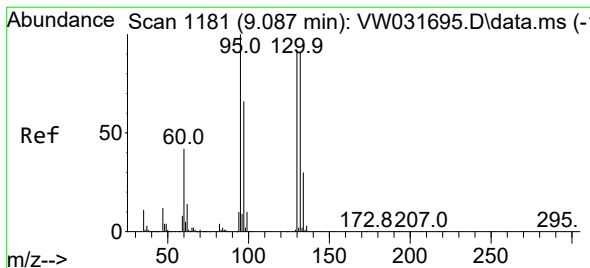
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#33
Benzene
Concen: 4.91 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

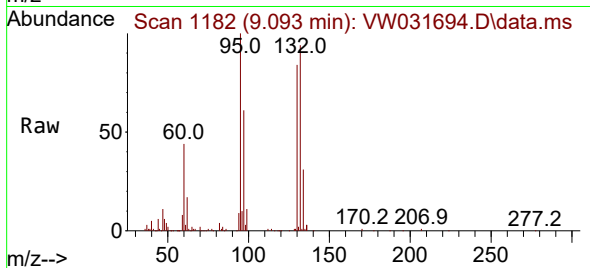
Tgt Ion: 78 Resp: 139728





#34
Trichloroethene
Concen: 4.87 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

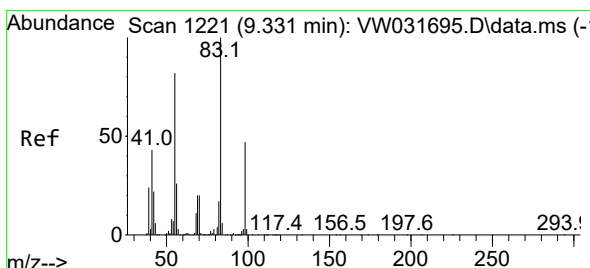
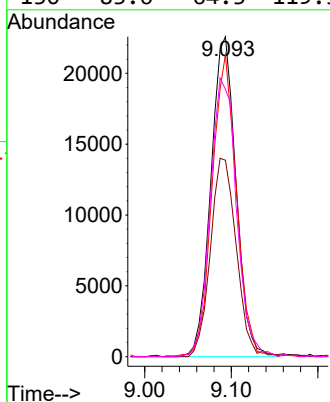
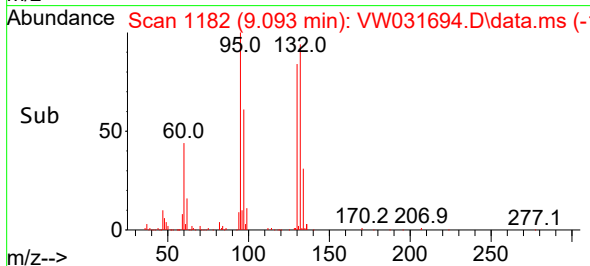
Instrument :
MSVOA_W
ClientSampleId :
VSTD005465



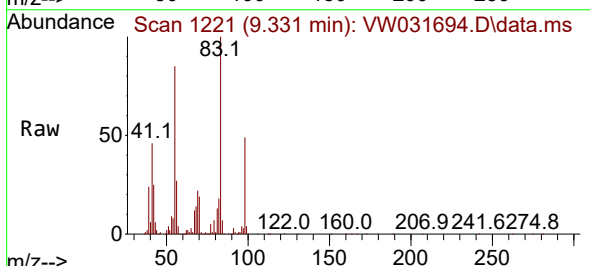
Tgt Ion: 95 Resp: 4551
Ion Ratio Lower Upper
95 100
97 61.4 46.0 85.4
132 94.3 63.8 118.4
130 83.6 64.3 119.3

Manual Integrations
APPROVED

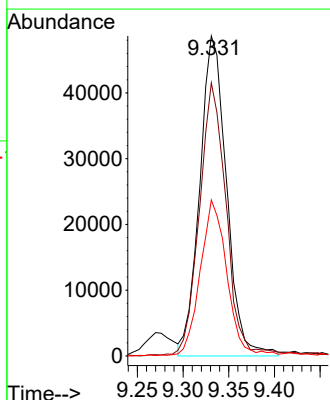
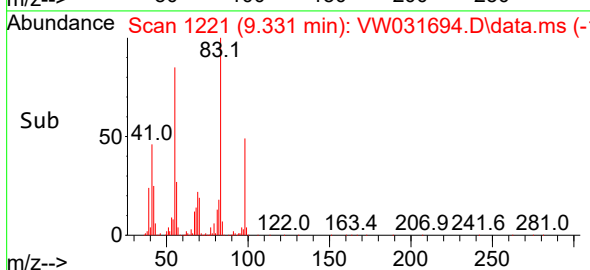
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

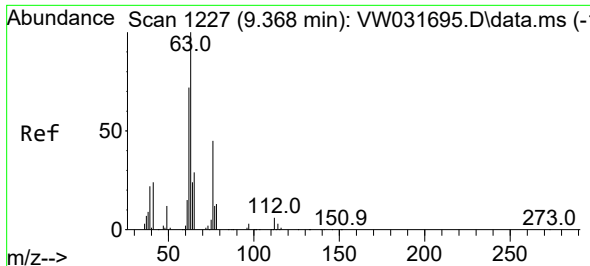


#35
Methylcyclohexane
Concen: 4.02 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50



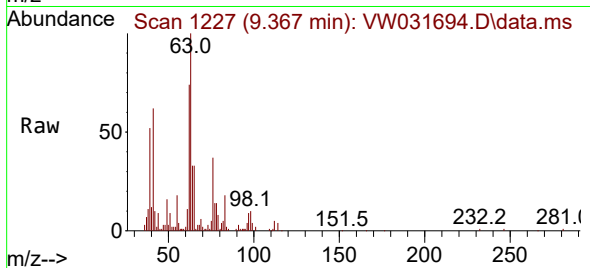
Tgt Ion: 83 Resp: 99179
Ion Ratio Lower Upper
83 100
55 83.4 63.1 94.7
98 47.7 37.6 56.4





#37
1,2-Dichloropropane
Concen: 5.35 ug/L
RT: 9.367 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

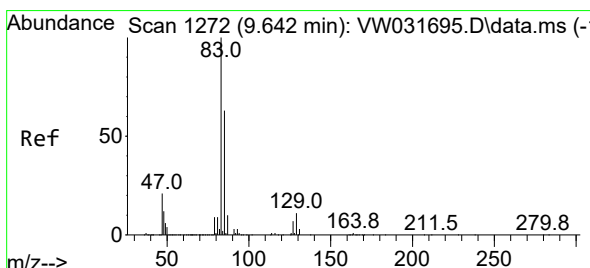
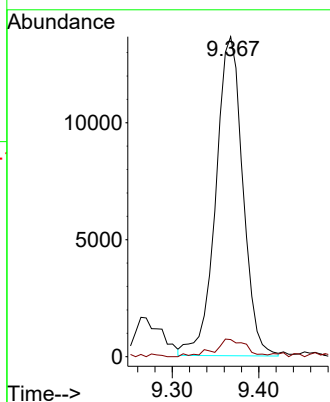
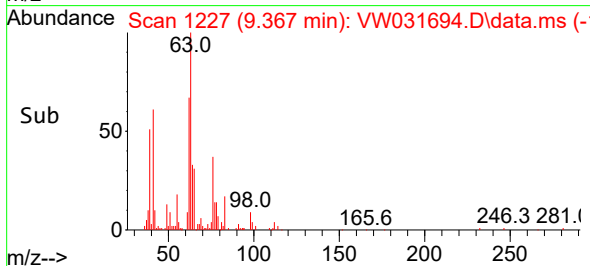
Instrument :
MSVOA_W
ClientSampleId :
VSTD005465



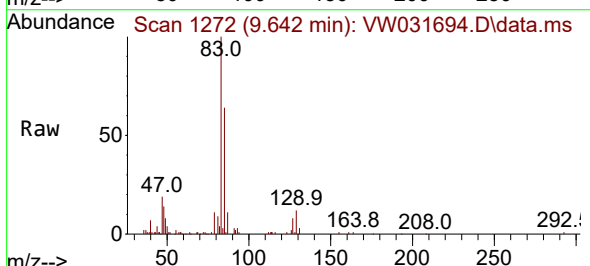
Tgt Ion: 63 Resp: 2956
Ion Ratio Lower Upper
63 100
112 2.2 4.0 6.0

Manual Integrations
APPROVED

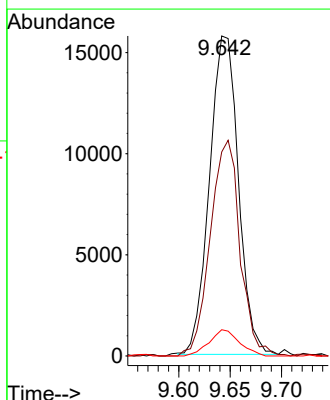
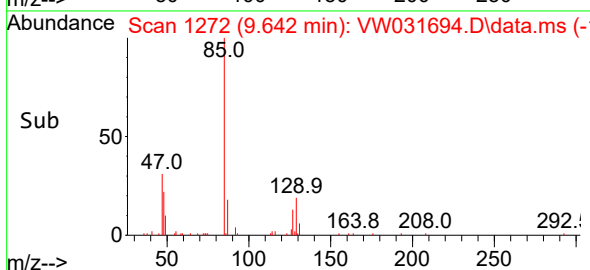
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

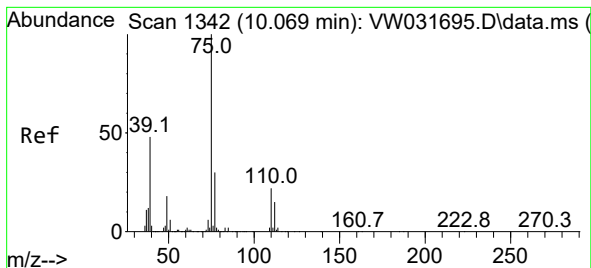


#38
Bromodichloromethane
Concen: 5.07 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50



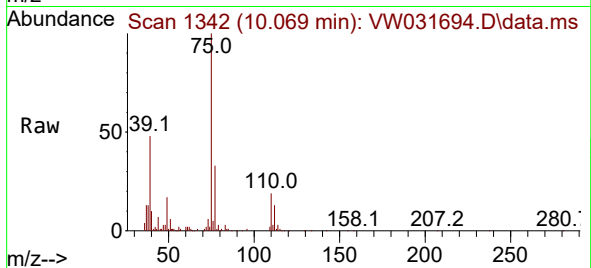
Tgt Ion: 83 Resp: 30805
Ion Ratio Lower Upper
83 100
85 63.7 44.0 81.8
127 8.2 5.8 8.6





#39
cis-1,3-Dichloropropene
Concen: 4.75 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

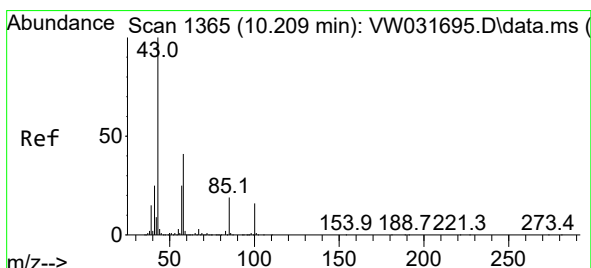
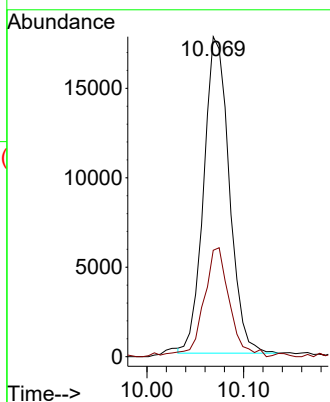
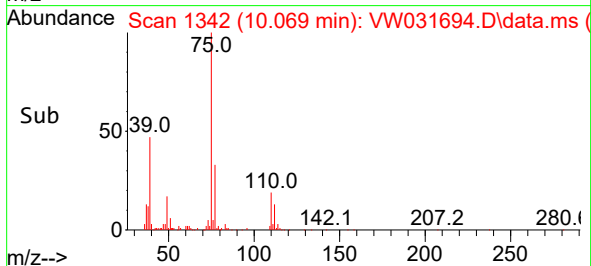
Instrument :
MSVOA_W
ClientSampleId :
VSTD005465



Tgt Ion: 75 Resp: 3252
Ion Ratio Lower Upper
75 100
77 33.2 20.7 38.5

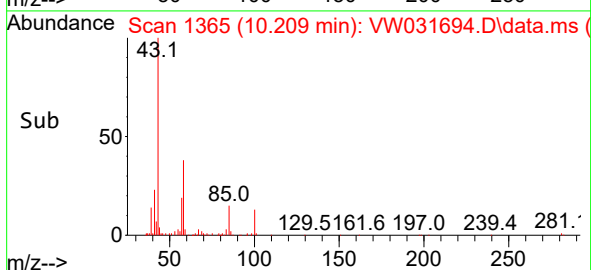
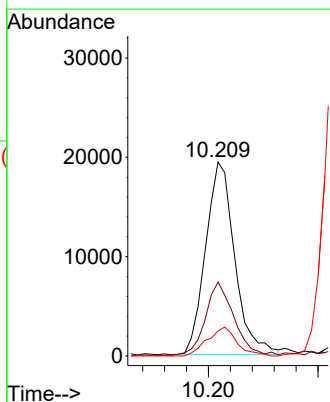
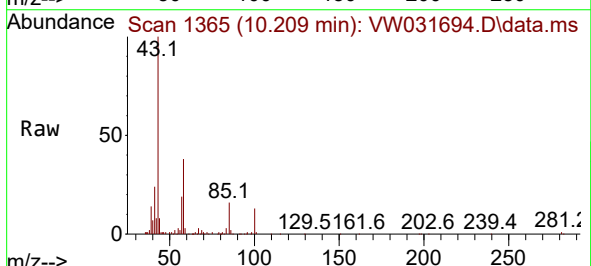
Manual Integrations
APPROVED

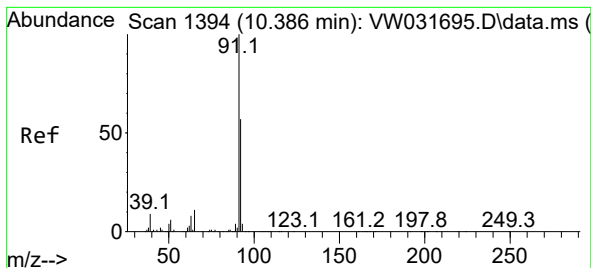
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#40
4-Methyl-2-pentanone
Concen: 10.55 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Tgt Ion: 43 Resp: 35729
Ion Ratio Lower Upper
43 100
58 38.0 31.0 46.6
100 15.1 11.9 17.9





#42

Toluene

Concen: 4.68 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031694.D

Acq: 08 May 2025 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD005465

Tgt Ion: 91 Resp: 14173

Ion Ratio Lower Upper

91 100

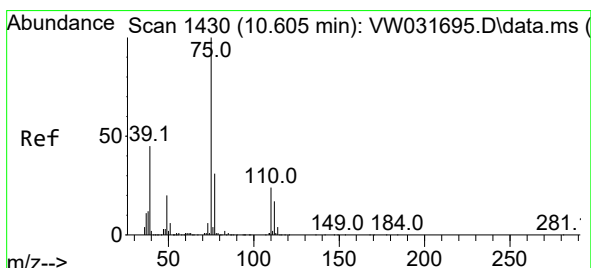
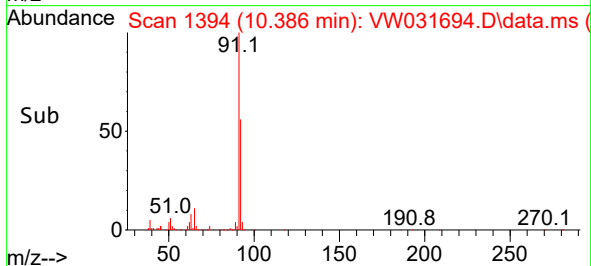
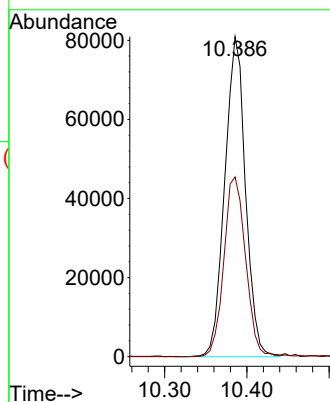
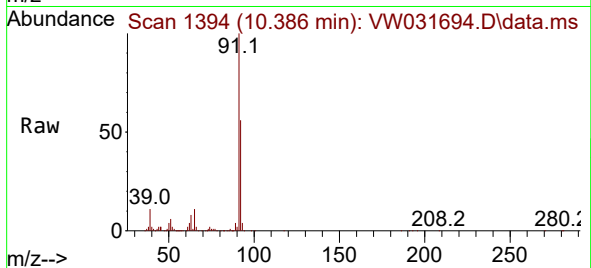
92 56.2 40.3 74.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/08/2025

Supervised By :Mahesh Dadoda 05/12/2025



#44

trans-1,3-Dichloropropene

Concen: 5.13 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031694.D

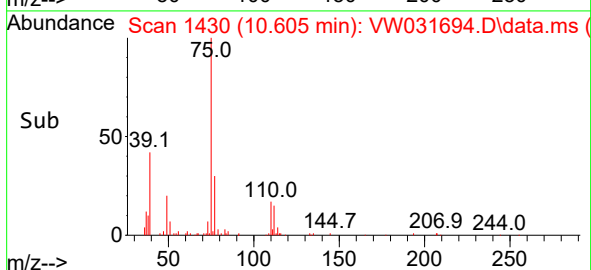
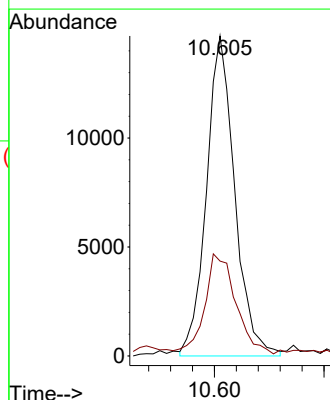
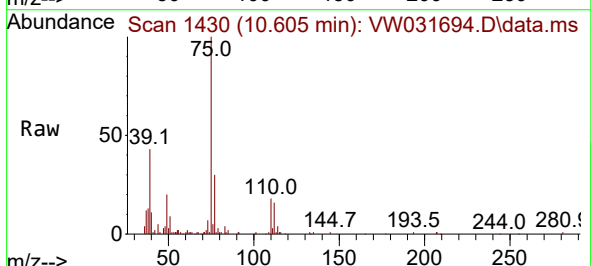
Acq: 08 May 2025 10:50

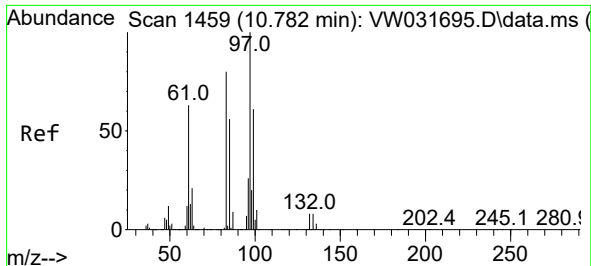
Tgt Ion: 75 Resp: 26319

Ion Ratio Lower Upper

75 100

77 29.7 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 5.30 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW031694.D

Acq: 08 May 2025 10:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD005465

Tgt Ion: 97 Resp: 16724

Ion Ratio Lower Upper

97 100

99 63.1 42.6 79.2

83 76.5 55.7 103.5

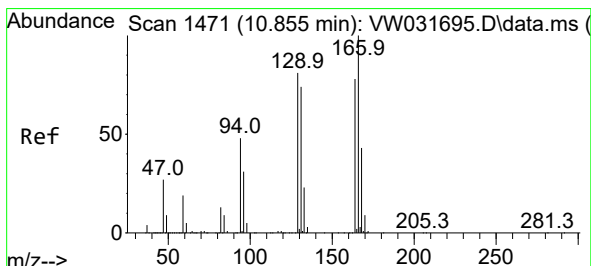
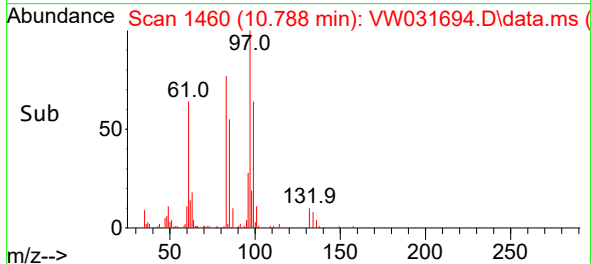
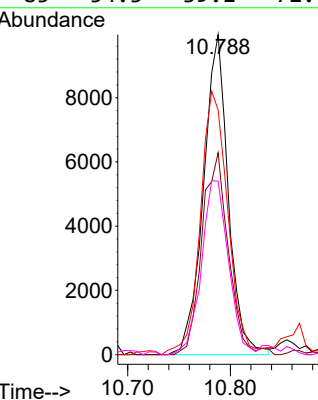
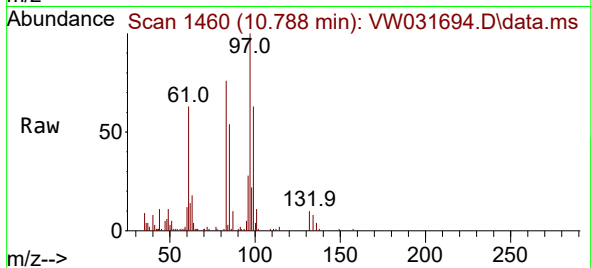
85 54.3 39.1 72.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/08/2025

Supervised By :Mahesh Dadoda 05/12/2025



#46

Tetrachloroethene

Concen: 4.43 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW031694.D

Acq: 08 May 2025 10:50

Tgt Ion:164 Resp: 34702

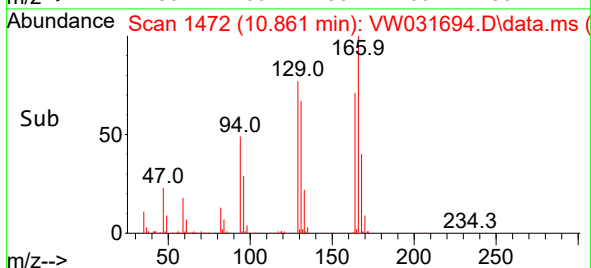
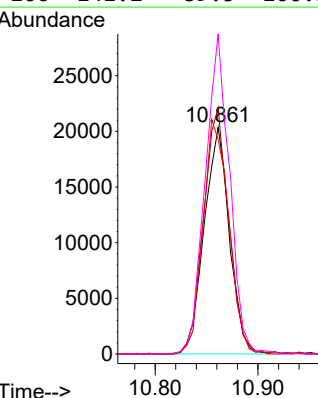
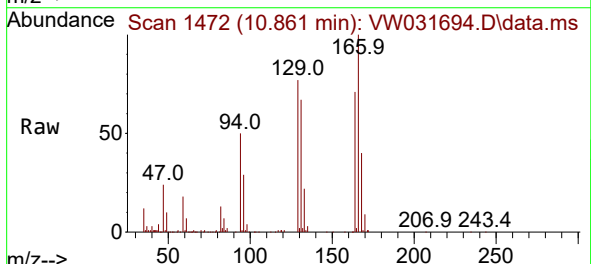
Ion Ratio Lower Upper

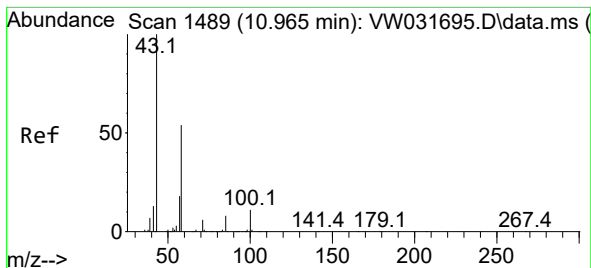
164 100

129 108.7 72.2 134.0

131 94.5 66.6 123.8

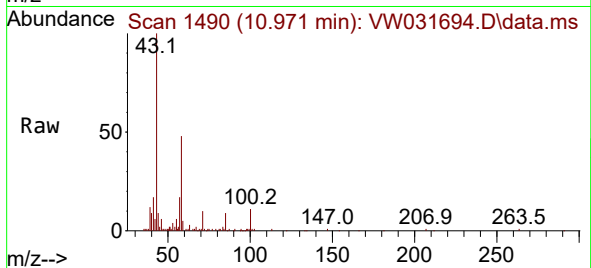
166 141.2 89.5 166.3





#48
2-Hexanone
Concen: 9.63 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

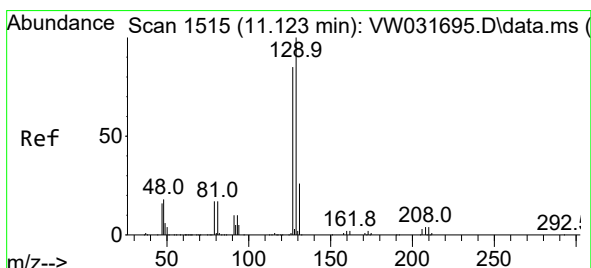
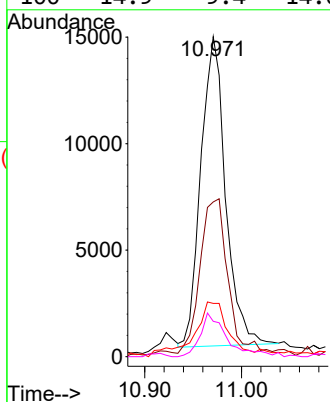
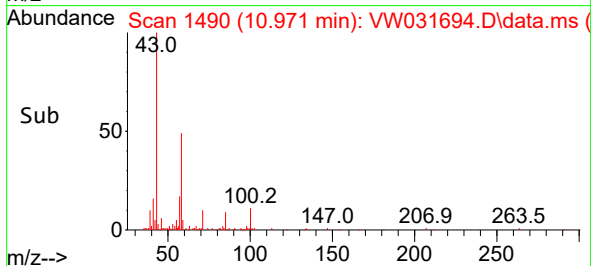
Instrument :
MSVOA_W
ClientSampleId :
VSTD005465



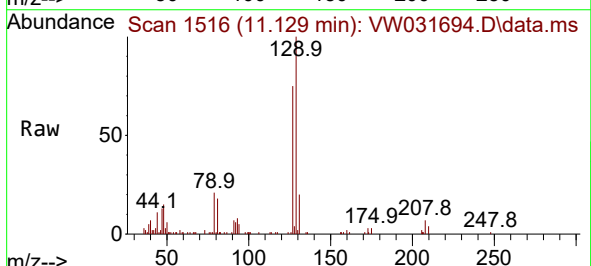
Tgt Ion: 43 Resp: 2588
Ion Ratio Lower Upper
43 100
58 56.2 43.6 65.4
57 24.4 15.4 23.0
100 14.9 9.4 14.0#

Manual Integrations
APPROVED

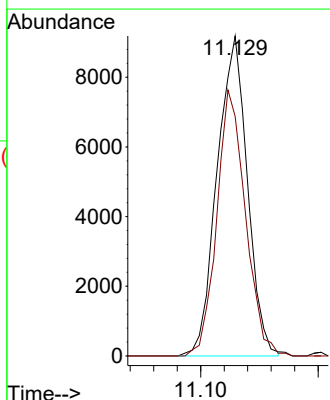
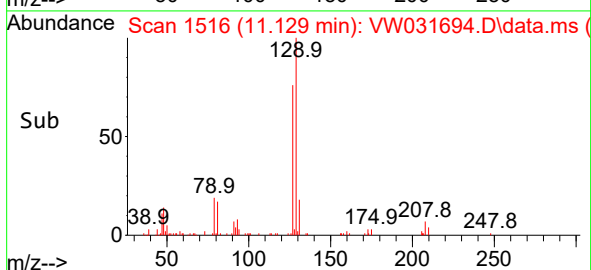
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

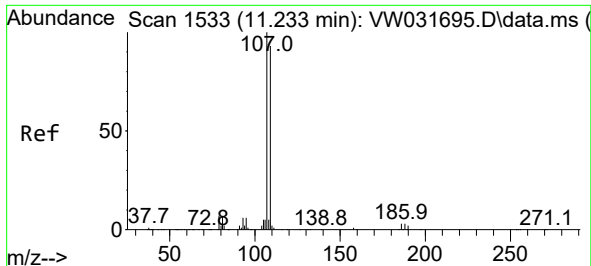


#49
Dibromochloromethane
Concen: 5.15 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50



Tgt Ion:129 Resp: 16412
Ion Ratio Lower Upper
129 100
127 74.9 59.7 110.9





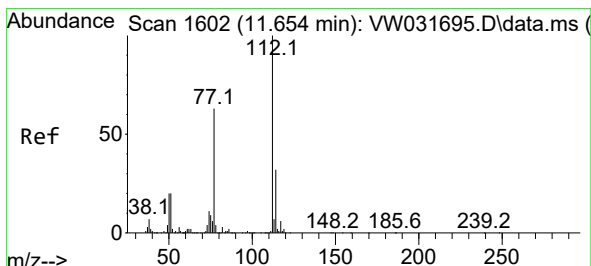
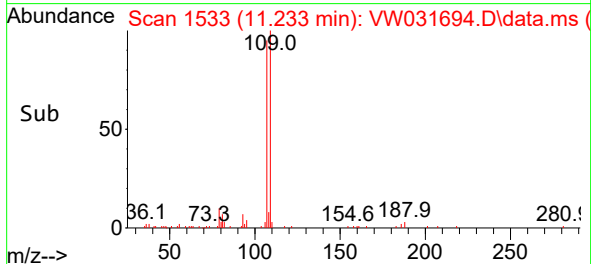
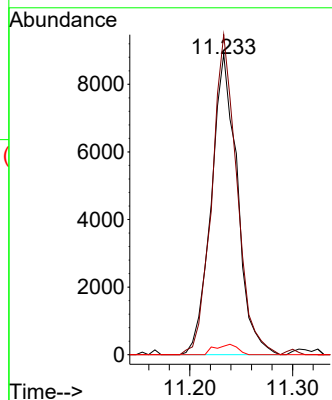
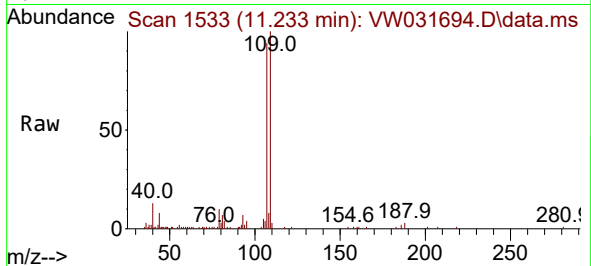
#50
1,2-Dibromoethane
Concen: 5.28 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Tgt Ion:107 Resp: 1564
Ion Ratio Lower Upper
107 100
109 106.4 65.0 120.8
188 2.8 2.2 3.2

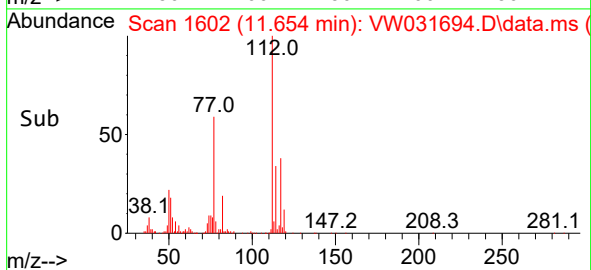
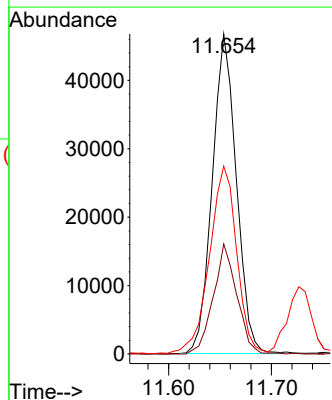
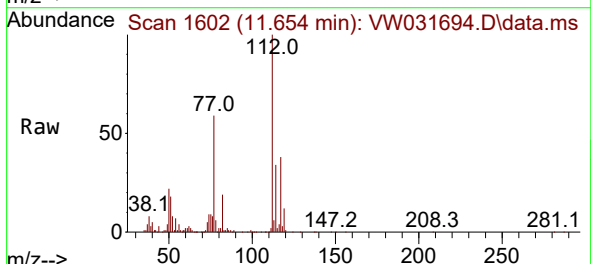
Manual Integrations
APPROVED

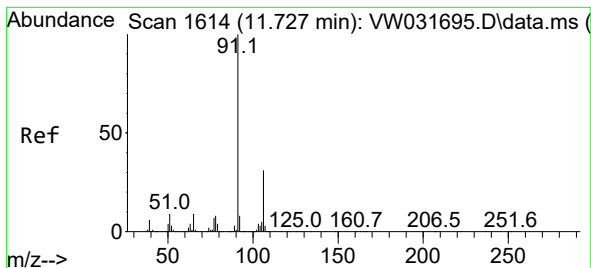
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#51
Chlorobenzene
Concen: 5.04 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Tgt Ion:112 Resp: 75941
Ion Ratio Lower Upper
112 100
114 34.4 22.6 42.0
77 58.7 50.3 75.5





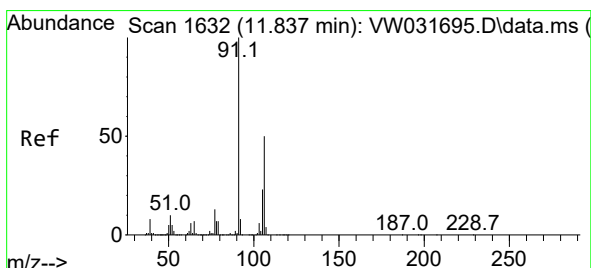
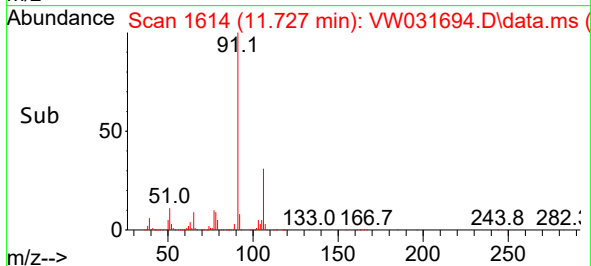
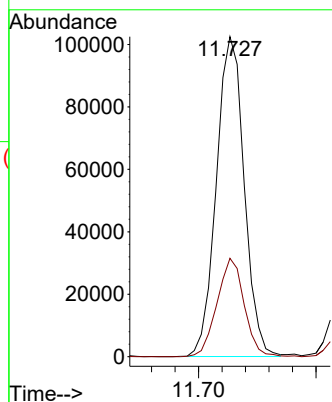
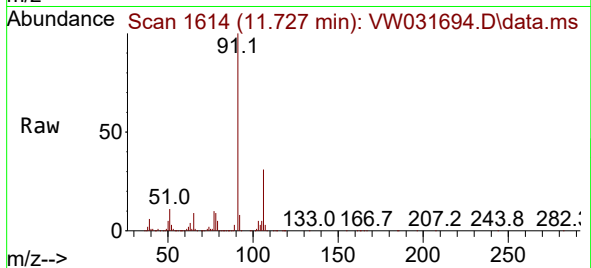
#52
Ethylbenzene
Concen: 4.63 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Tgt Ion: 91 Resp: 168504
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.6

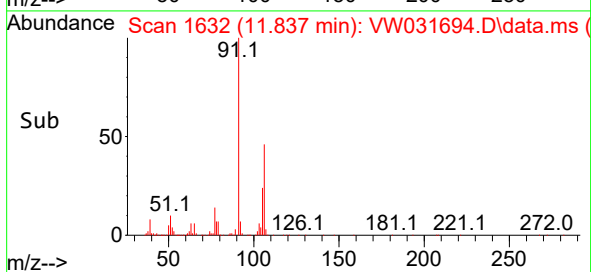
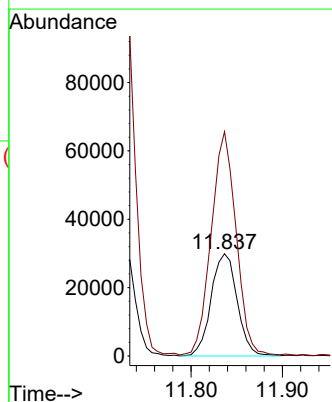
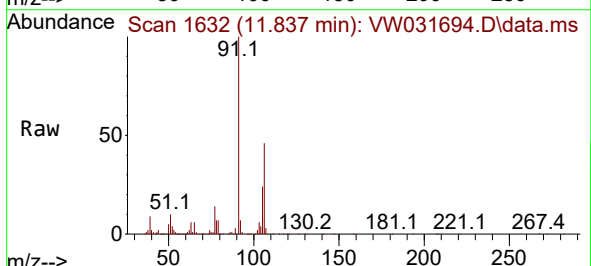
Manual Integrations
APPROVED

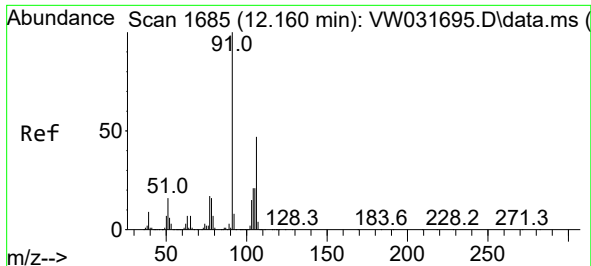
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#53
m,p-Xylene
Concen: 4.52 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Tgt Ion:106 Resp: 59241
Ion Ratio Lower Upper
106 100
91 219.2 138.9 257.9





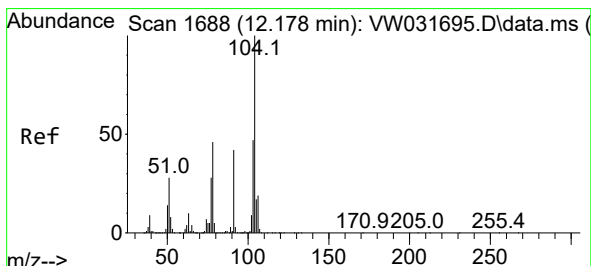
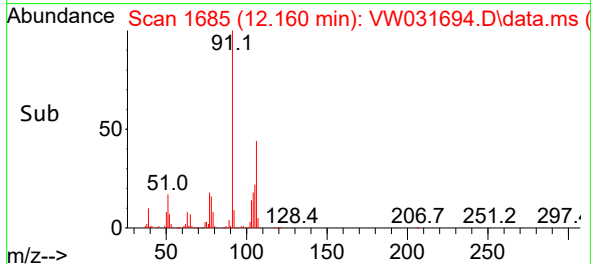
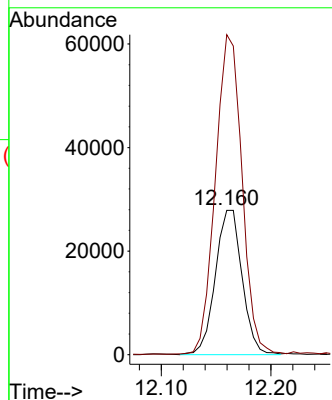
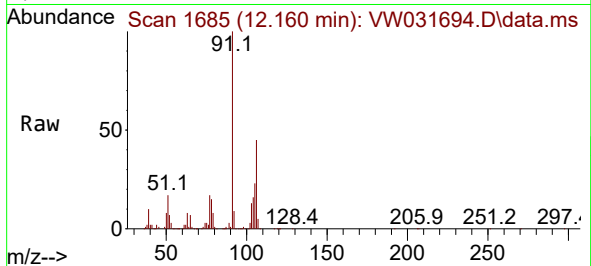
#54
o-Xylene
Concen: 4.60 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Tgt Ion:106 Resp: 47429
Ion Ratio Lower Upper
106 100
91 221.6 147.4 273.8

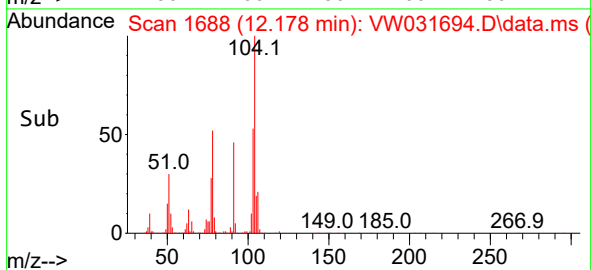
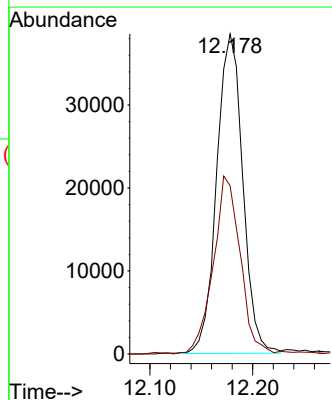
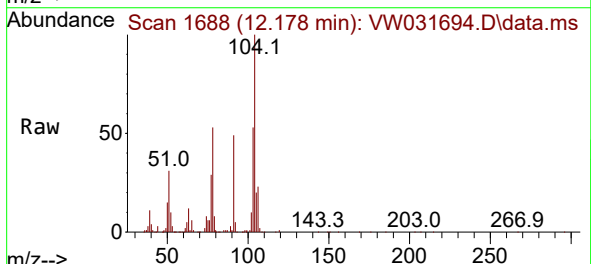
Manual Integrations
APPROVED

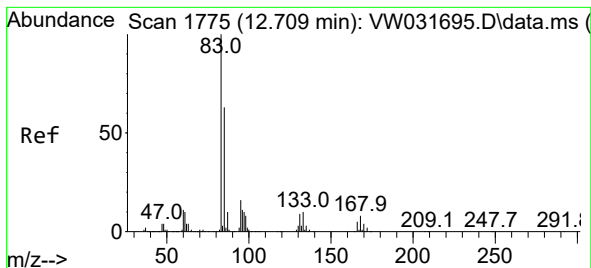
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#55
Styrene
Concen: 4.57 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Tgt Ion:104 Resp: 67804
Ion Ratio Lower Upper
104 100
78 52.6 32.1 59.5





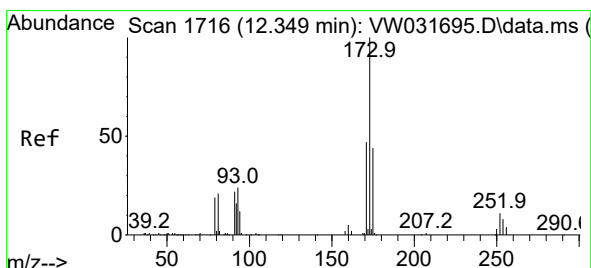
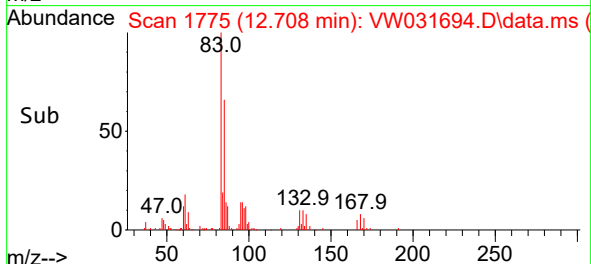
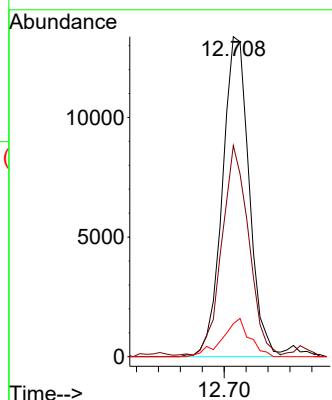
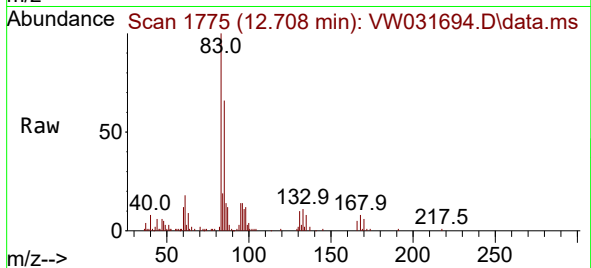
#57
1,1,2,2-Tetrachloroethane
Concen: 5.55 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Tgt Ion: 83 Resp: 2269
Ion Ratio Lower Upper
83 100
85 66.0 44.2 82.2
131 10.3 7.4 11.2

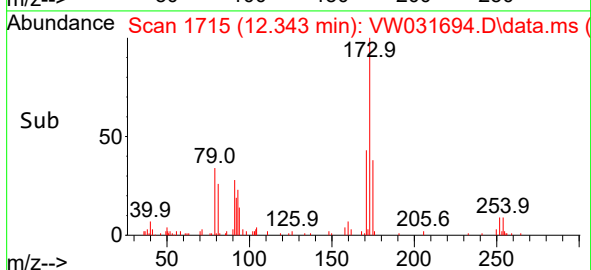
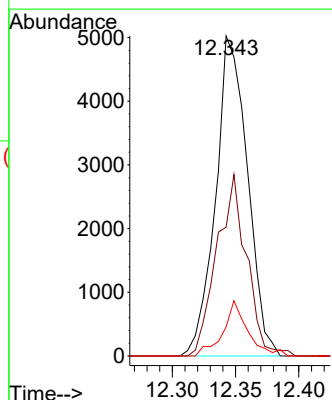
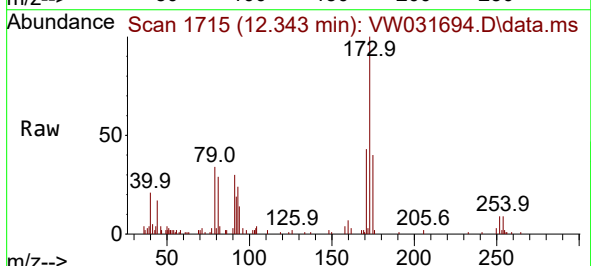
Manual Integrations
APPROVED

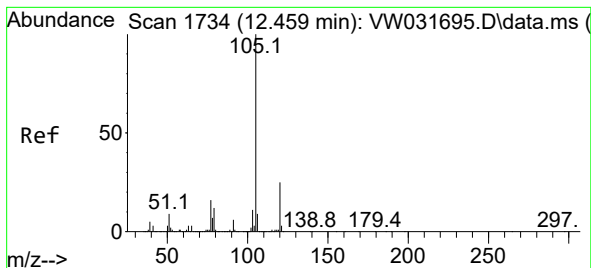
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#59
Bromoform
Concen: 5.14 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

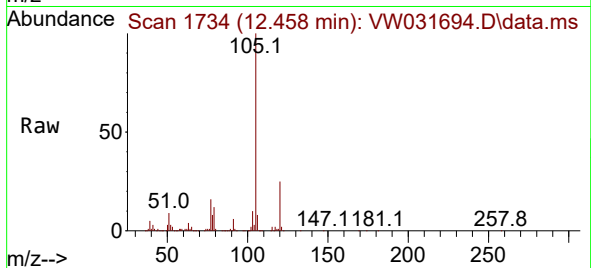
Tgt Ion:173 Resp: 8806
Ion Ratio Lower Upper
173 100
175 53.1 38.1 57.1
254 12.9 5.5 8.3#





#60
Isopropylbenzene
Concen: 4.48 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

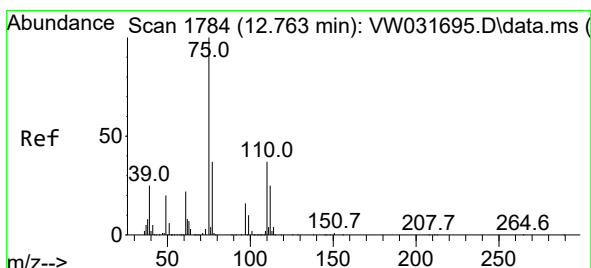
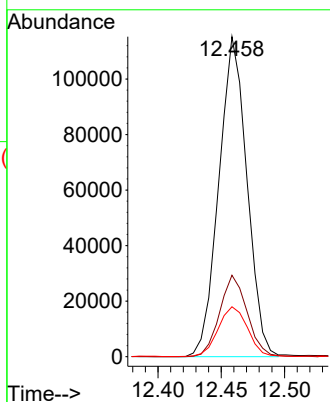
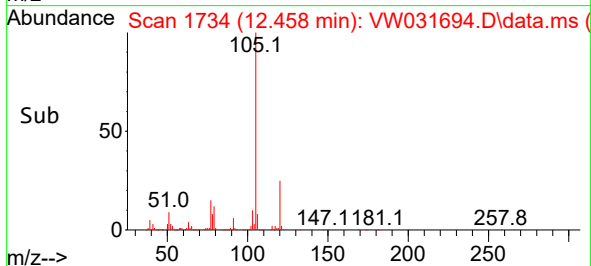
Instrument :
MSVOA_W
ClientSampleId :
VSTD005465



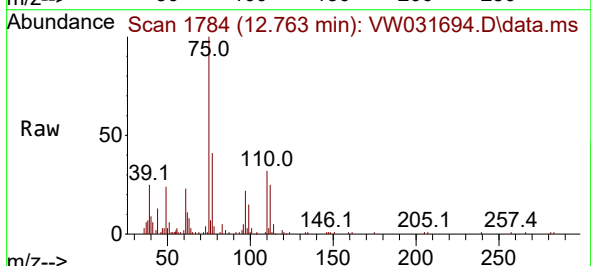
Tgt Ion:105 Resp: 178030
Ion Ratio Lower Upper
105 100
120 24.9 20.7 31.1
77 16.3 13.3 19.9

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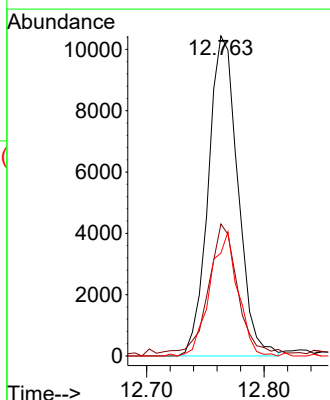
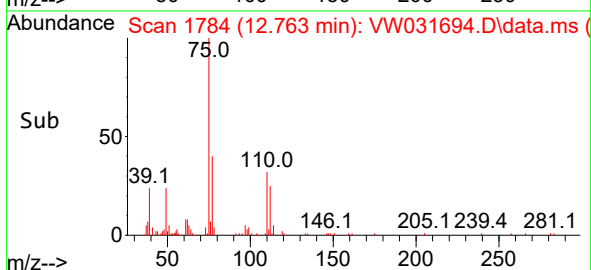
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

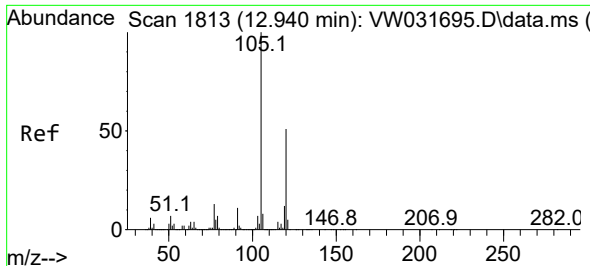


#61
1,2,3-Trichloropropane
Concen: 5.75 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50



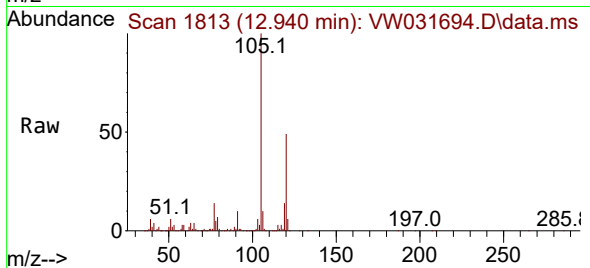
Tgt Ion: 75 Resp: 18271
Ion Ratio Lower Upper
75 100
77 39.0 28.4 42.6
110 36.5 30.9 46.3





#62
1,3,5-Trimethylbenzene
Concen: 4.47 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

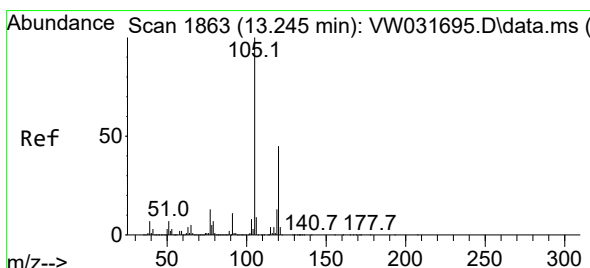
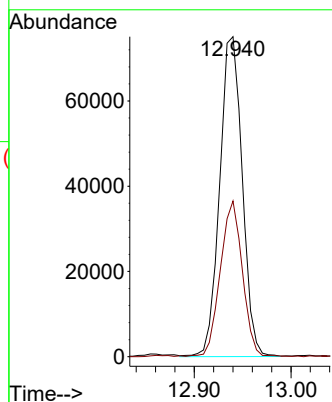
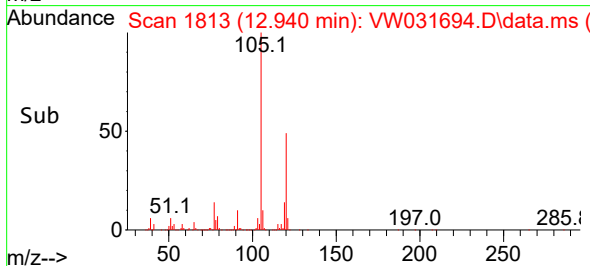
Instrument :
MSVOA_W
ClientSampleId :
VSTD005465



Tgt Ion:105 Resp: 121475
Ion Ratio Lower Upper
105 100
120 47.2 38.2 57.2

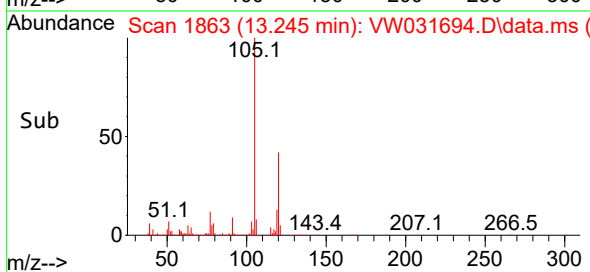
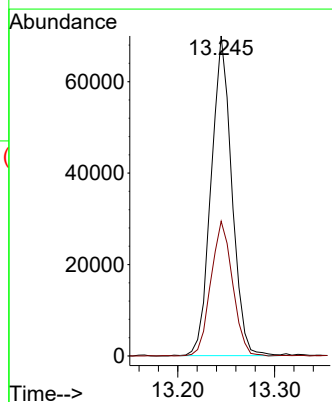
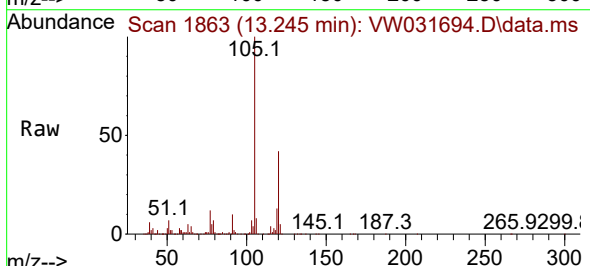
Manual Integrations
APPROVED

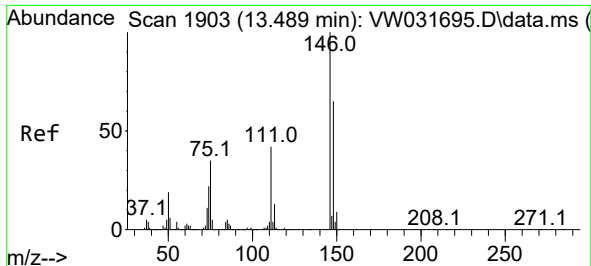
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#63
1,2,4-Trimethylbenzene
Concen: 4.50 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Tgt Ion:105 Resp: 103986
Ion Ratio Lower Upper
105 100
120 44.1 35.4 53.2





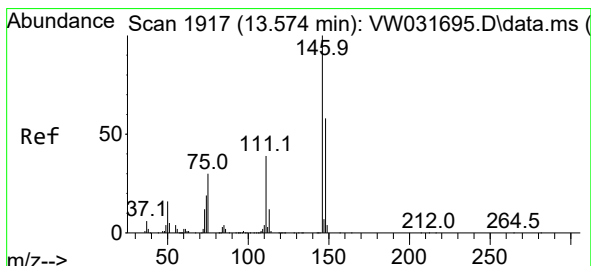
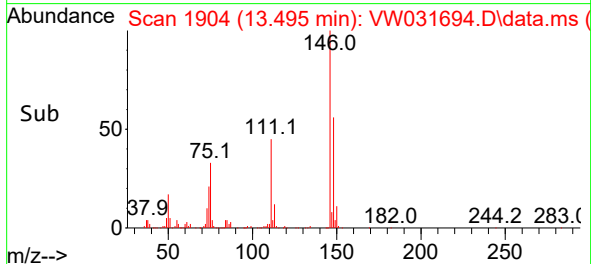
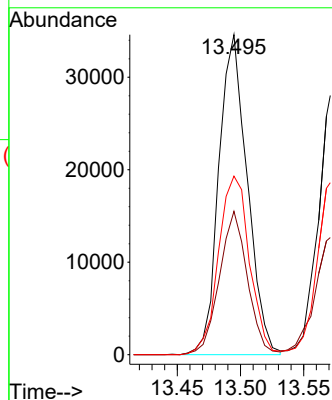
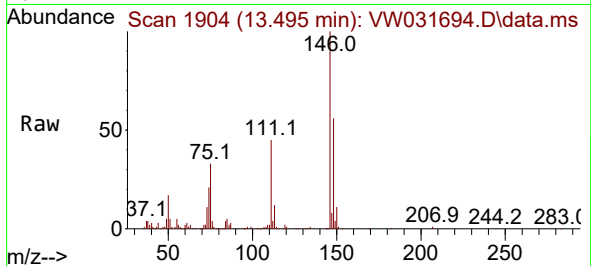
#64
1,3-Dichlorobenzene
Concen: 5.16 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Tgt Ion:146 Resp: 5410
Ion Ratio Lower Upper
146 100
111 44.8 29.5 54.9
148 55.8 45.7 84.9

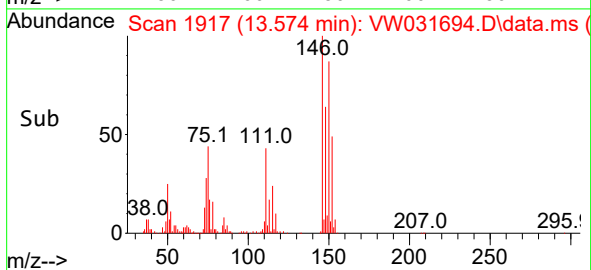
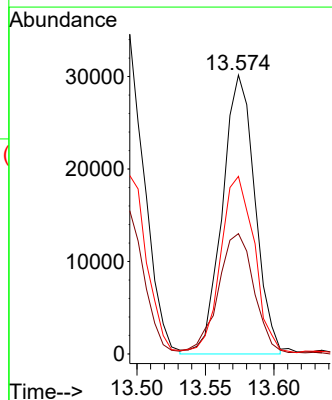
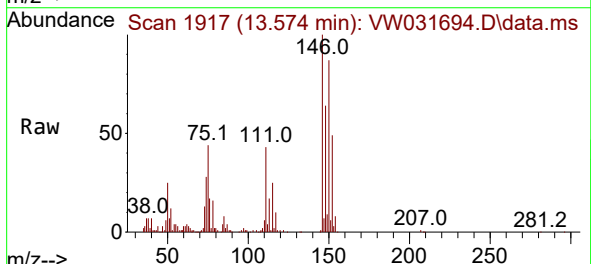
Manual Integrations
APPROVED

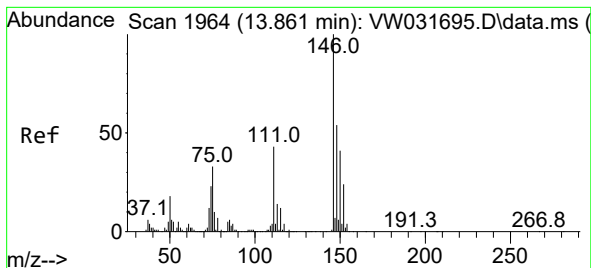
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#65
1,4-Dichlorobenzene
Concen: 5.11 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

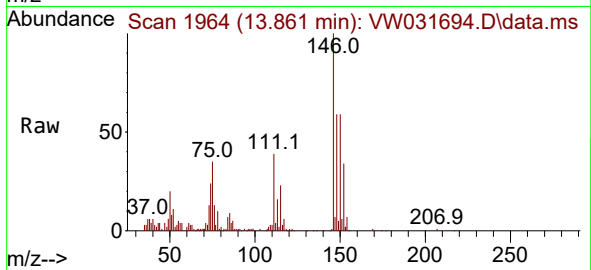
Tgt Ion:146 Resp: 49887
Ion Ratio Lower Upper
146 100
111 43.1 27.6 51.2
148 63.6 40.6 75.4





#67
1,2-Dichlorobenzene
Concen: 5.33 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

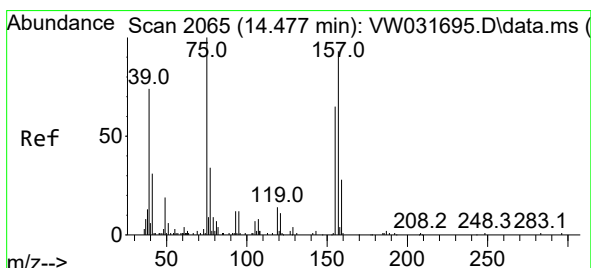
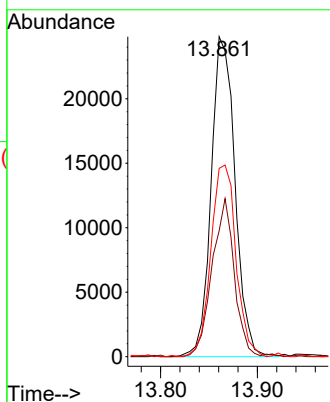
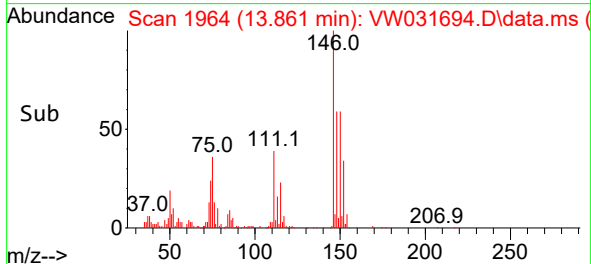
Instrument :
MSVOA_W
ClientSampleId :
VSTD005465



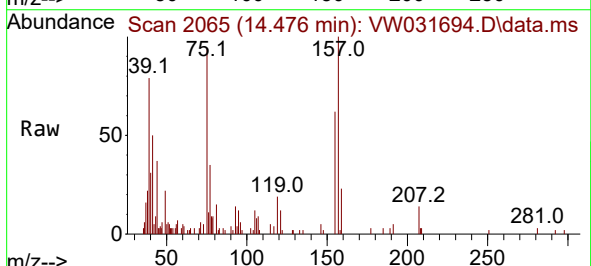
Tgt Ion:146 Resp: 4248
Ion Ratio Lower Upper
146 100
111 39.3 34.2 51.4
148 58.9 43.5 65.3

Manual Integrations
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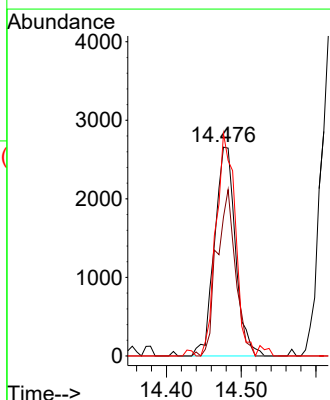
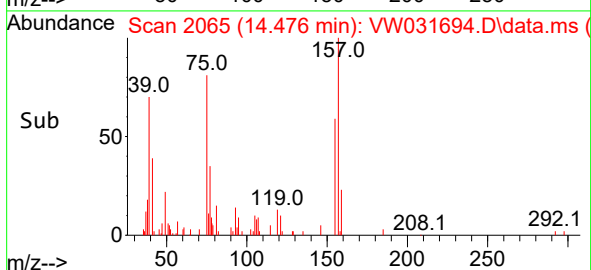
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

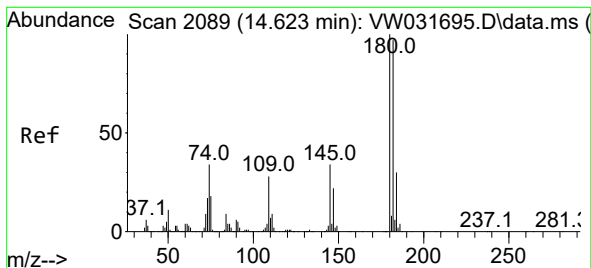


#68
1,2-Dibromo-3-chloropropane
Concen: 5.05 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50



Tgt Ion: 75 Resp: 5181
Ion Ratio Lower Upper
75 100
155 66.6 51.6 77.4
157 106.5 74.6 111.8





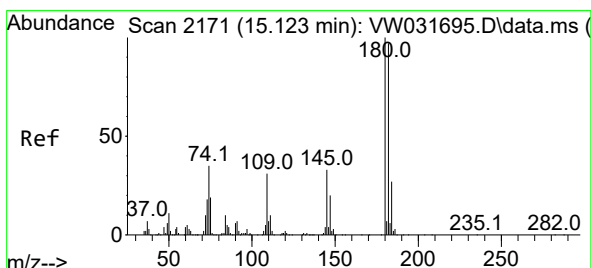
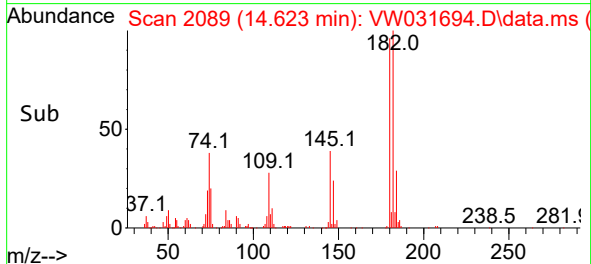
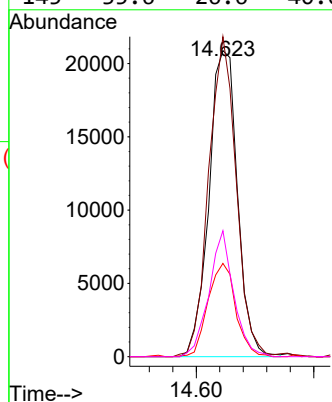
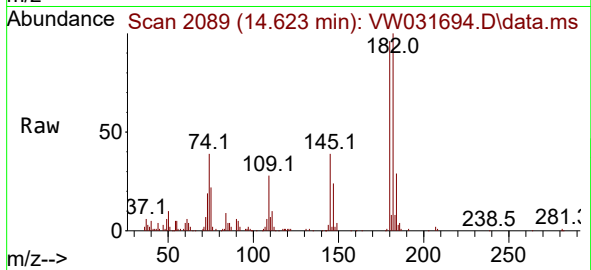
#69
1,3,5-Trichlorobenzene
Concen: 4.87 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

Instrument :
MSVOA_W
ClientSampleId :
VSTD005465

Tgt Ion:	180	Resp:	3519
Ion Ratio	Lower	Upper	
180	100		
182	100.0	75.5	113.3
184	29.7	23.7	35.5
145	35.6	26.6	40.0

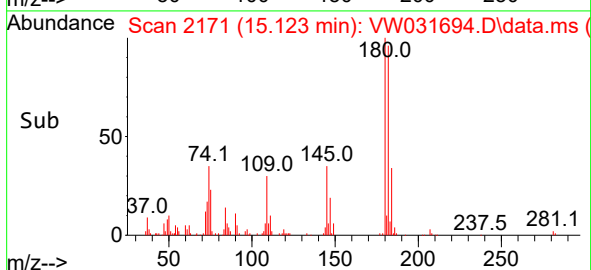
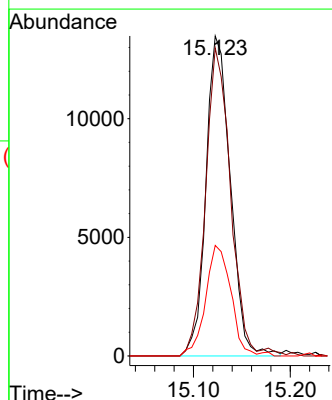
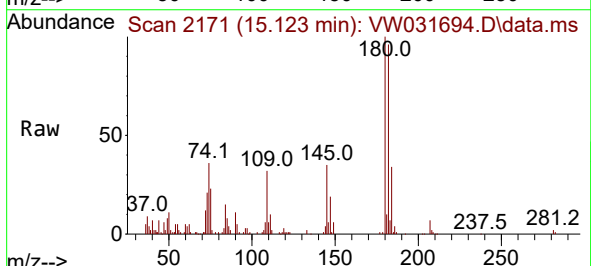
Manual Integrations
APPROVED

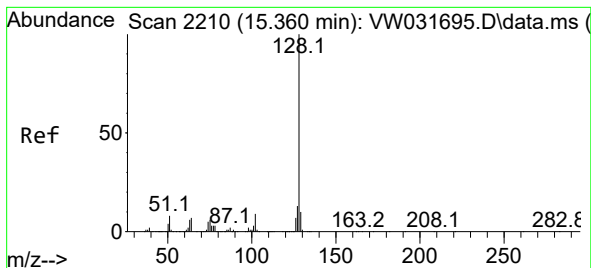
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#70
1,2,4-trichlorobenzene
Concen: 4.85 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

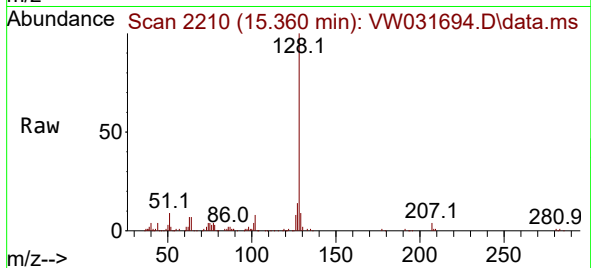
Tgt Ion:	180	Resp:	23712
Ion Ratio	Lower	Upper	
180	100		
182	97.2	75.7	113.5
145	35.5	26.7	40.1





#71
Naphthalene
Concen: 4.99 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50

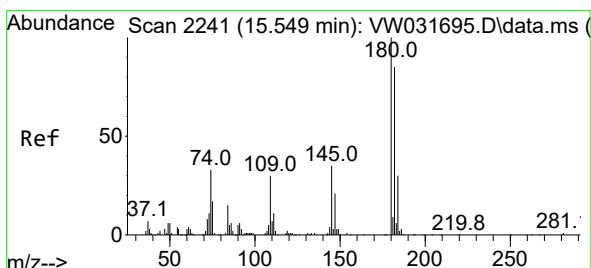
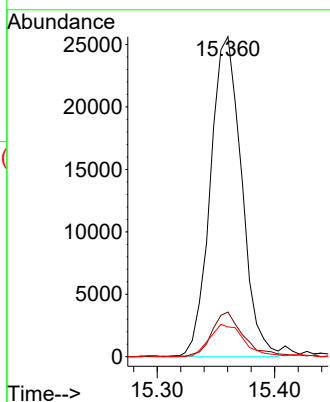
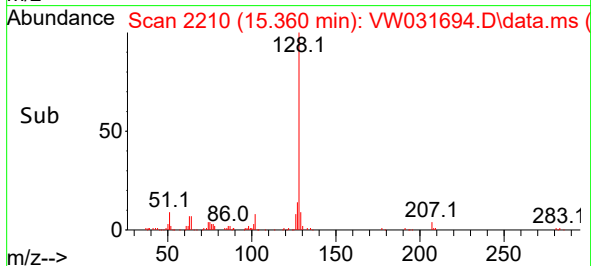
Instrument :
MSVOA_W
ClientSampleId :
VSTD005465



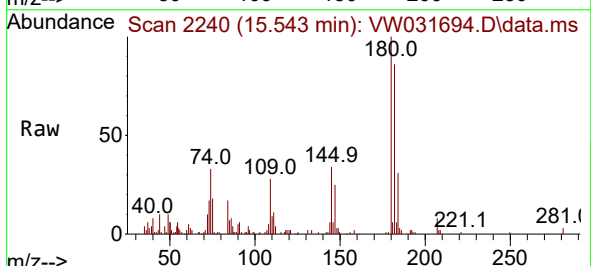
Tgt Ion:128 Resp: 47314
Ion Ratio Lower Upper
128 100
127 14.3 10.6 16.0
129 11.2 8.6 12.8

Manual Integrations
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Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#72
1,2,3-Trichlorobenzene
Concen: 5.22 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW031694.D
Acq: 08 May 2025 10:50



Tgt Ion:180 Resp: 20737
Ion Ratio Lower Upper
180 100
182 95.3 77.3 115.9
145 40.4 28.6 43.0

