

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050825\
 Data File : VW031697.D
 Acq On : 08 May 2025 12:22
 Operator : SY/MD
 Sample : VSTD10068
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100468

Quant Time: May 08 14:34:41 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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	445639	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	306739	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	123480	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	1185273	112.08	ug/L	0.00
7) Chloroethane-d5	2.893	69	651148	102.36	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	498849	113.23	ug/L	0.01
21) 2-Butanone-d5	7.094	46	462465	210.07	ug/L	0.00
24) Chloroform-d	7.648	84	1035094	98.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	352416	90.86	ug/L	0.00
32) Benzene-d6	8.270	84	2399510	102.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	523234	97.64	ug/L	0.00
41) Toluene-d8	10.319	98	2223982	105.38	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	170654	96.34	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	246020	217.41	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.684	84	327472	90.08	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	417808	99.82	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	2.009	85	895630	100.62	ug/L #	87
3) Chloromethane	2.229	50	707529	100.58	ug/L	98
5) Vinyl chloride	2.375	62	1059017	100.13	ug/L	97
6) Bromomethane	2.783	94	391238	91.30	ug/L	97
8) Chloroethane	2.924	64	482594	95.11	ug/L	97
9) Trichlorofluoromethane	3.253	101	885042	107.01	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	1137150	104.46	ug/L	96
12) 1,1-Dichloroethene	4.045	96	896148	105.61	ug/L	92
13) Acetone	4.149	43	299854	193.48	ug/L	96
14) Carbon disulfide	4.399	76	2648270	98.93	ug/L	100
15) Methyl Acetate	4.679	43	279255m	97.80	ug/L	
16) Methylene chloride	4.923	84	387580	83.91	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	744590	100.14	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	488971	92.46	ug/L #	87
19) 1,1-Dichloroethane	6.216	63	1120586	97.06	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	565466	99.06	ug/L	92
22) 2-Butanone	7.179	43	472300	205.27	ug/L	99
23) Bromochloromethane	7.508	128	168473	91.04	ug/L	97
25) Chloroform	7.673	83	950357	95.79	ug/L	94
27) 1,2-Dichloroethane	8.398	62	410271	89.24	ug/L	100
29) Cyclohexane	7.953	56	2190224	110.33	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	1308379	101.55	ug/L	100
31) Carbon tetrachloride	8.069	117	1327334	102.97	ug/L	99
33) Benzene	8.319	78	2496951	99.59	ug/L	100
34) Trichloroethene	9.087	95	829487	100.72	ug/L	96
35) Methylcyclohexane	9.331	83	2321478	106.86	ug/L	99
37) 1,2-Dichloropropane	9.368	63	460070	94.52	ug/L	98
38) Bromodichloromethane	9.642	83	508481	94.99	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	623863	103.57	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	594864	199.45	ug/L	98
42) Toluene	10.386	91	2787468	104.64	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	451296	99.92	ug/L	96

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	252443	90.91	ug/L	96
46) Tetrachloroethene	10.861	164	720216	104.48	ug/L	95
48) 2-Hexanone	10.965	43	501028	211.67	ug/L	97
49) Dibromochloromethane	11.129	129	272527	97.20	ug/L	91
50) 1,2-Dibromoethane	11.233	107	250973	96.16	ug/L	99
51) Chlorobenzene	11.654	112	1312157	98.86	ug/L	98
52) Ethylbenzene	11.727	91	3397617	106.09	ug/L	100
53) m,p-Xylene	11.837	106	1198723	103.99	ug/L	91
54) o-Xylene	12.160	106	944754	104.15	ug/L	98
55) Styrene	12.178	104	1398732	106.97	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	322822	89.65	ug/L	97
59) Bromoform	12.349	173	145847	99.46	ug/L #	97
60) Isopropylbenzene	12.459	105	3728428	109.63	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	258052	94.81	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	2598782	111.65	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	2218658	112.06	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	920277	102.56	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	843493	100.80	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	670533	98.28	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	79110	90.07	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	641513	103.74	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	430167	102.64	ug/L	98
71) Naphthalene	15.360	128	859700	105.79	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	346300	101.73	ug/L	100

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

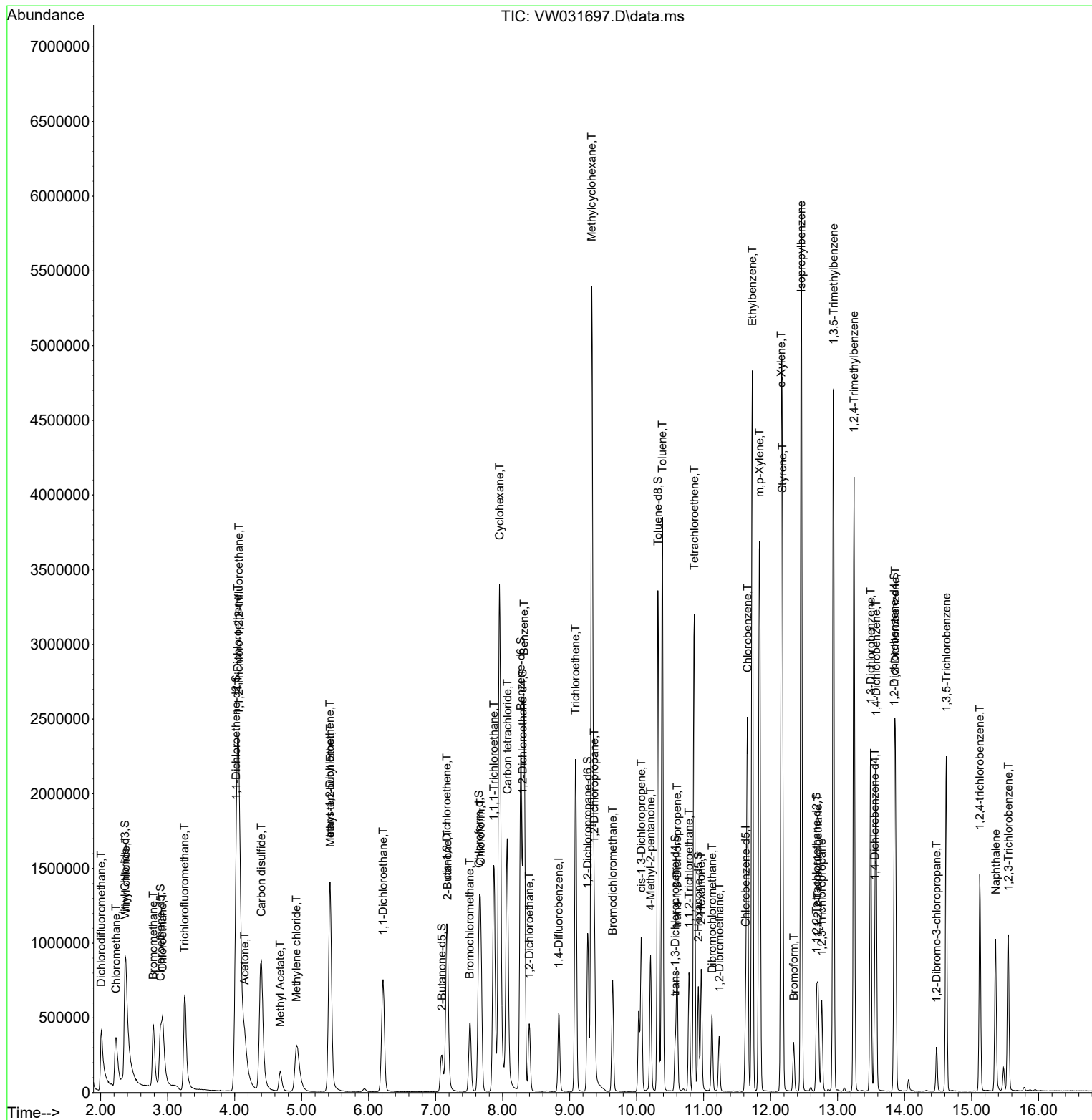
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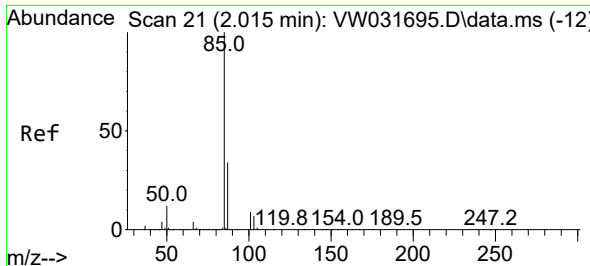
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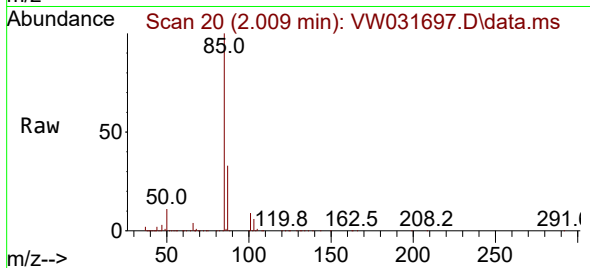
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025





#2
Dichlorodifluoromethane
Concen: 100.62 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

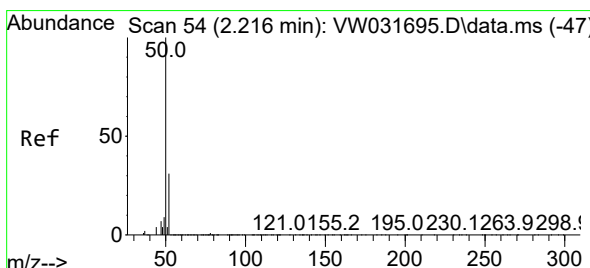
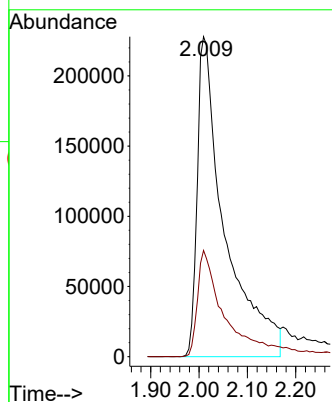
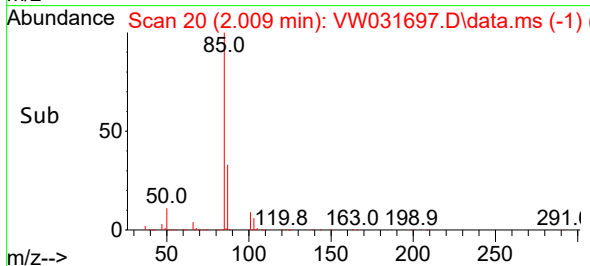
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



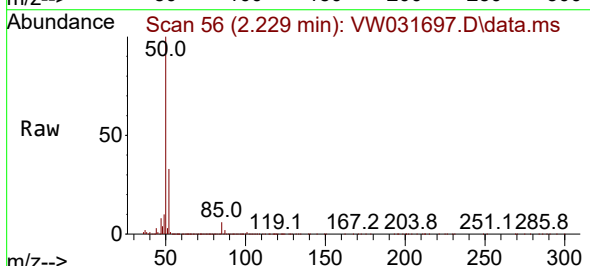
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Ion Ratio Lower Upper
85 100
87 31.1 0.1 0.1

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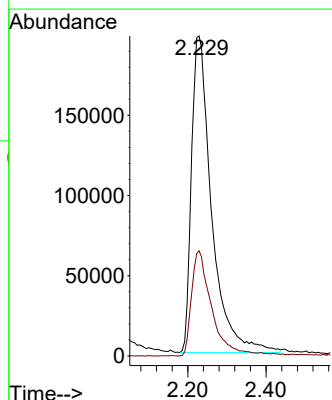
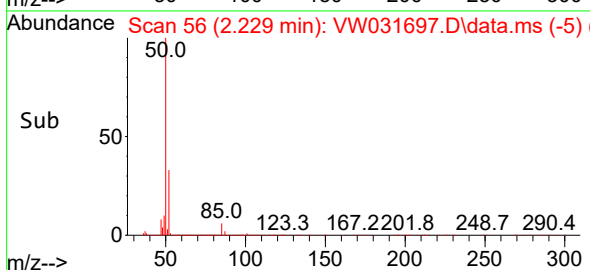
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

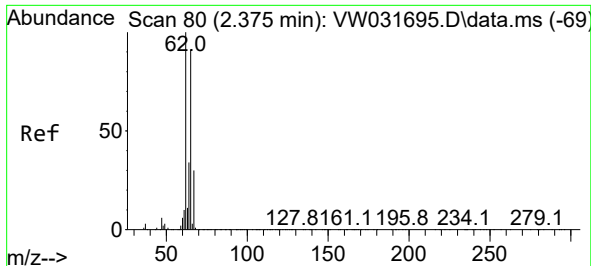


#3
Chloromethane
Concen: 100.58 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.012 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



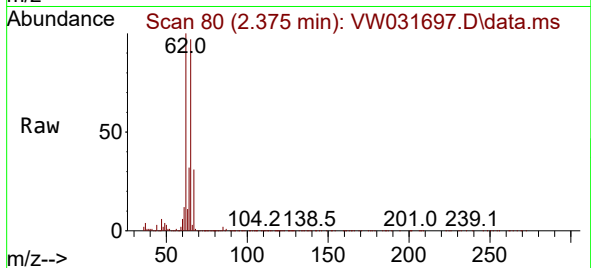
Tgt Ion: 50 Resp: 707529
Ion Ratio Lower Upper
50 100
52 32.8 22.0 41.0





#5
 Vinyl chloride
 Concen: 100.13 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW031697.D
 Acq: 08 May 2025 12:22

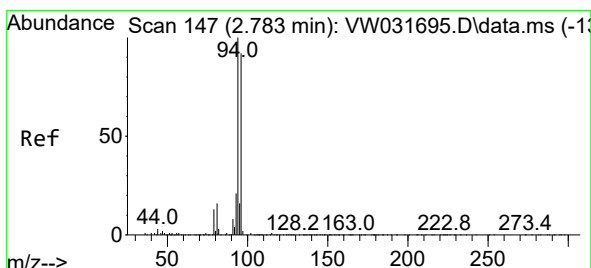
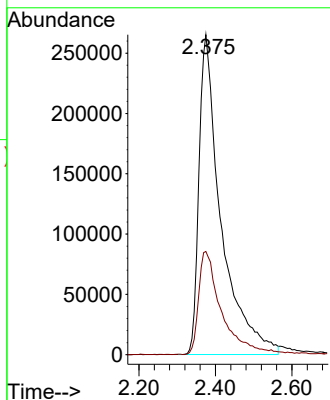
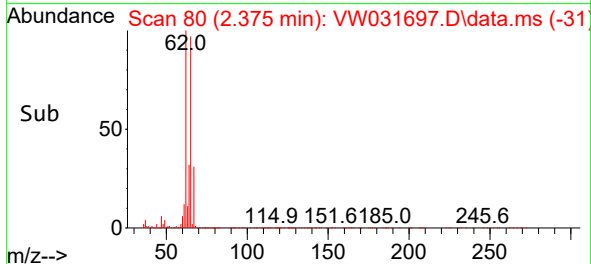
Instrument :
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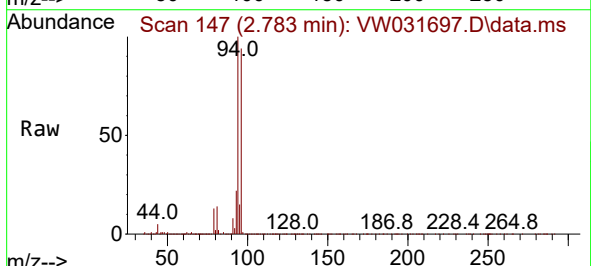
Tgt Ion: 62 Resp: 105901
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.7 43.9

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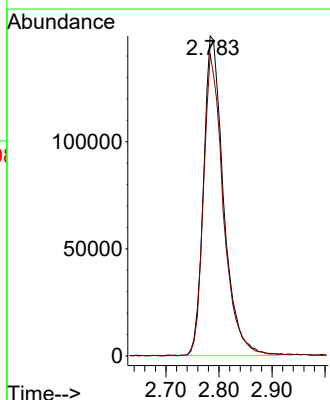
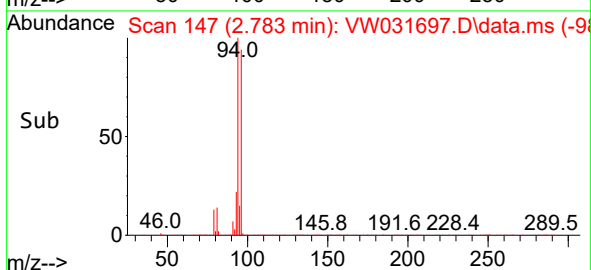
Reviewed By :Amit Patel 05/08/2025
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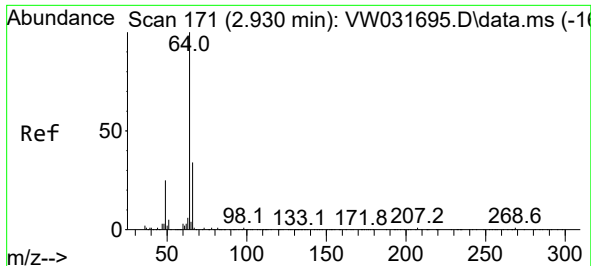


#6
 Bromomethane
 Concen: 91.30 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW031697.D
 Acq: 08 May 2025 12:22



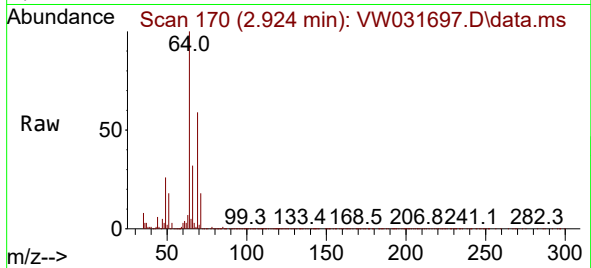
Tgt Ion: 94 Resp: 391238
 Ion Ratio Lower Upper
 94 100
 96 94.2 64.3 119.3





#8
Chloroethane
Concen: 95.11 ug/L
RT: 2.924 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

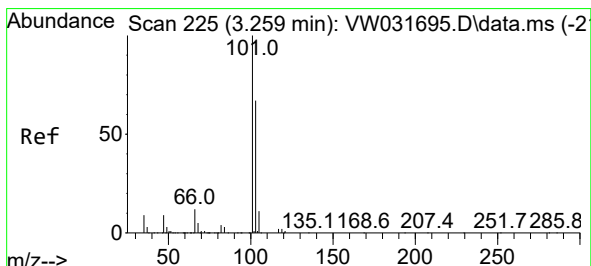
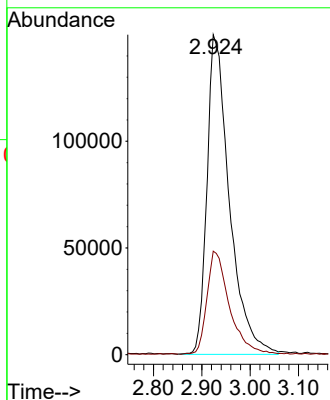
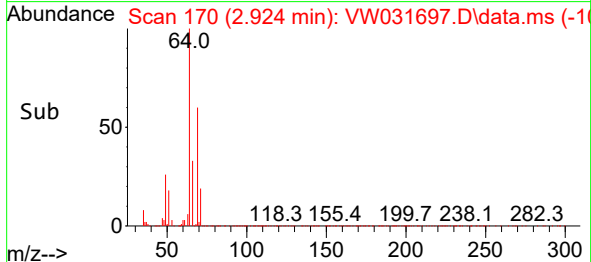
Instrument :
MSVOA_W
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VSTD100468



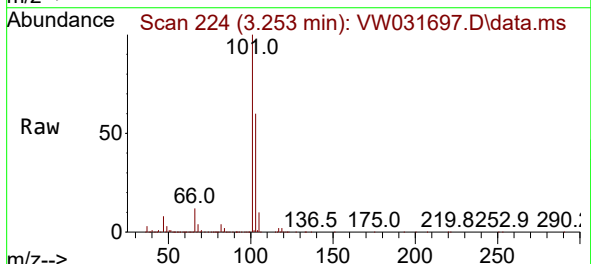
Tgt Ion: 64 Resp: 482594
Ion Ratio Lower Upper
64 100
66 32.3 23.9 44.5

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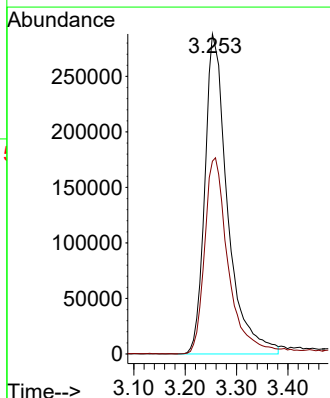
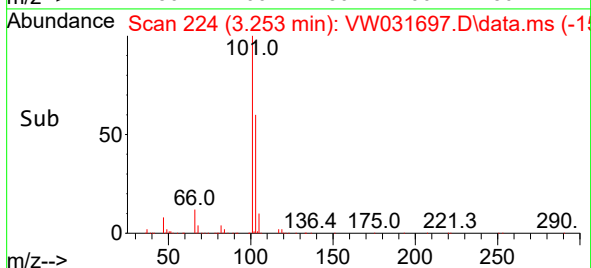
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

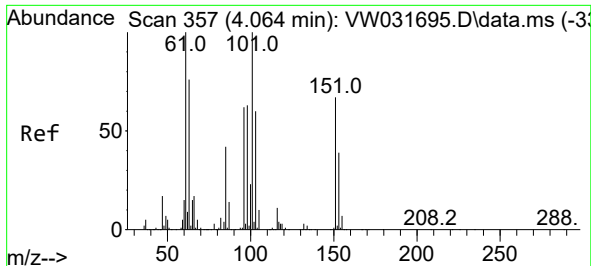


#9
Trichlorofluoromethane
Concen: 107.01 ug/L
RT: 3.253 min Scan# 224
Delta R.T. -0.006 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



Tgt Ion:101 Resp: 885042
Ion Ratio Lower Upper
101 100
103 63.5 51.8 77.8





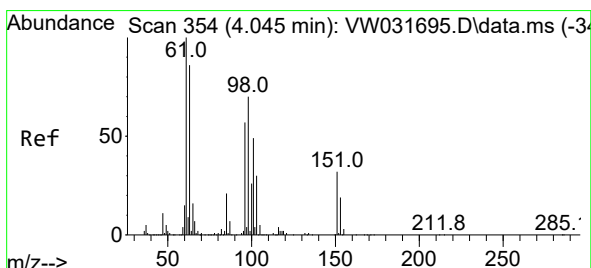
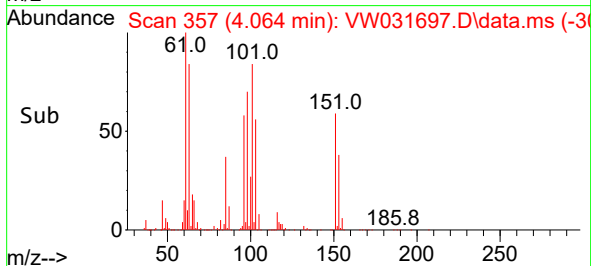
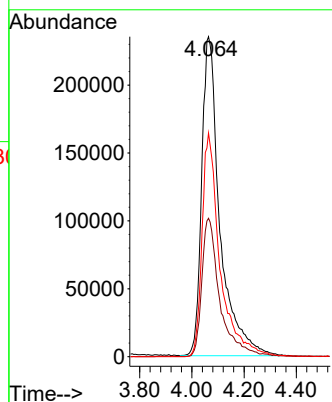
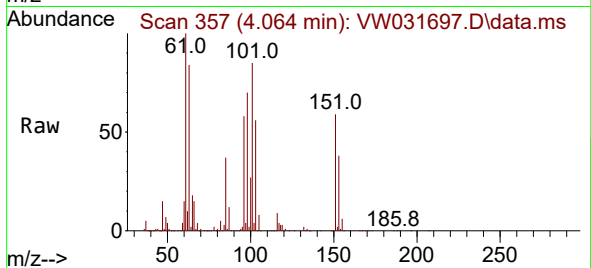
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 104.46 ug/L
RT: 4.064 min Scan# 357
Delta R.T. -0.000 min
Lab File: VW031697.D
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Instrument :
MSVOA_W
ClientSampleId :
VSTD100468

Tgt Ion:101 Resp: 1137150
Ion Ratio Lower Upper
101 100
85 42.5 31.8 47.6
151 65.8 54.6 82.0

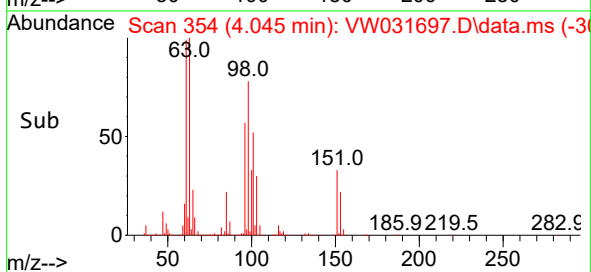
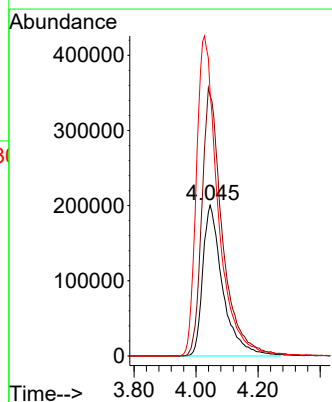
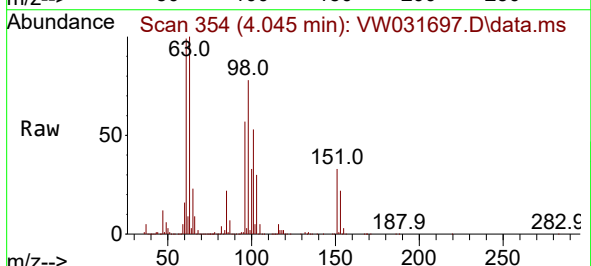
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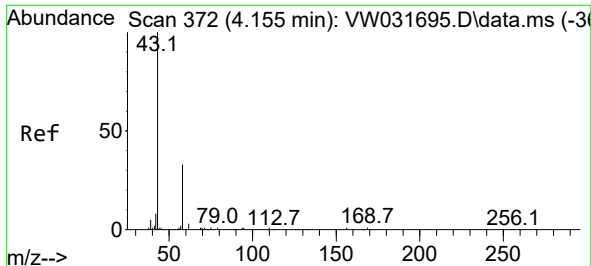
Reviewed By :Amit Patel 05/08/2025
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#12
1,1-Dichloroethene
Concen: 105.61 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

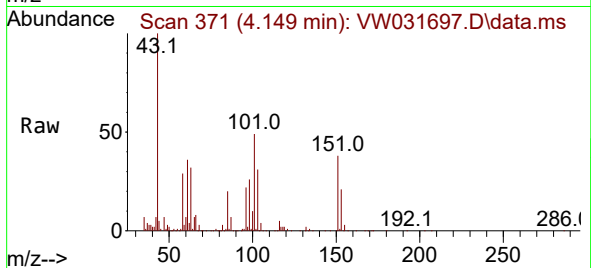
Tgt Ion: 96 Resp: 896148
Ion Ratio Lower Upper
96 100
61 172.4 124.5 231.1
63 174.7 110.2 204.6





#13
Acetone
Concen: 193.48 ug/L
RT: 4.149 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

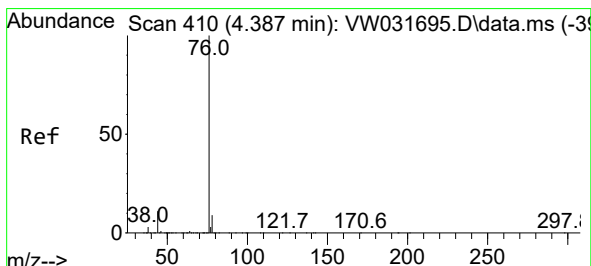
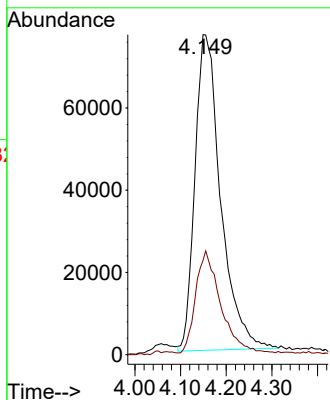
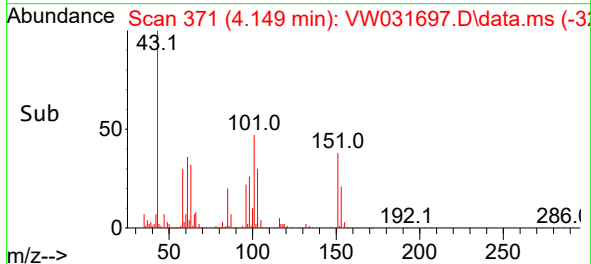
Instrument :
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Tgt Ion: 43 Resp: 299854
Ion Ratio Lower Upper
43 100
58 30.9 0.0 66.2

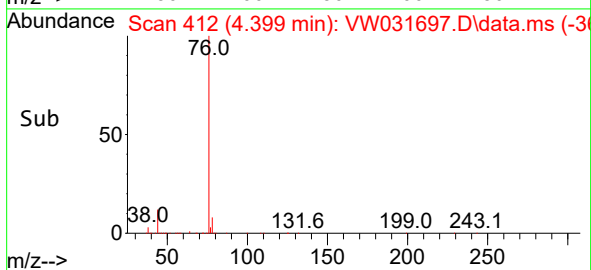
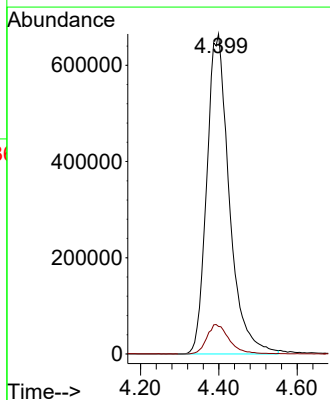
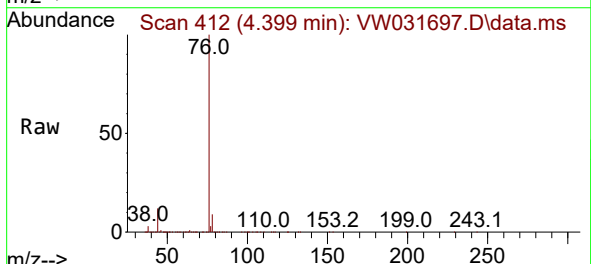
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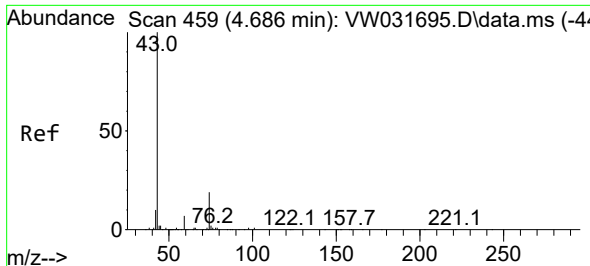
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#14
Carbon disulfide
Concen: 98.93 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.012 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

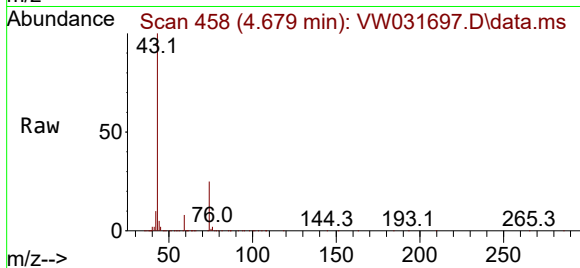
Tgt Ion: 76 Resp: 2648270
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3





#15
Methyl Acetate
Concen: 97.80 ug/L m
RT: 4.679 min Scan# 458
Delta R.T. -0.006 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

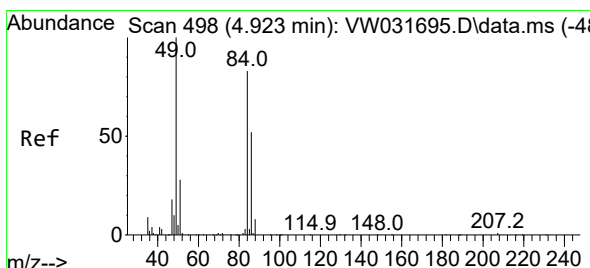
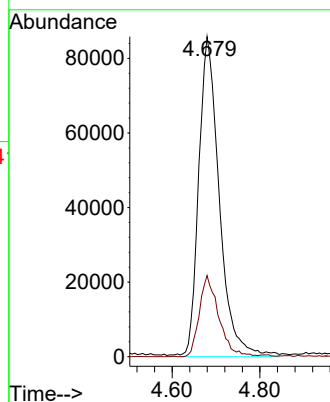
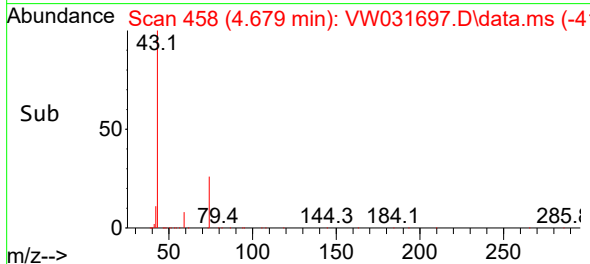
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



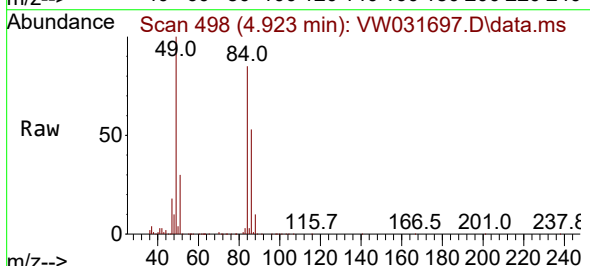
Tgt Ion: 43 Resp: 27925
Ion Ratio Lower Upper
43 100
74 0.0 8.7 13.1

Manual Integrations
APPROVED

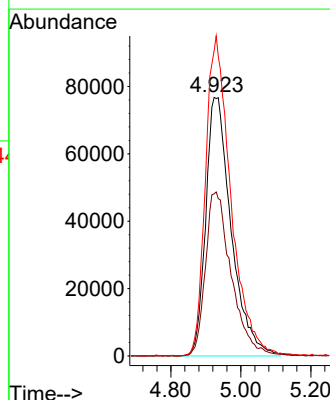
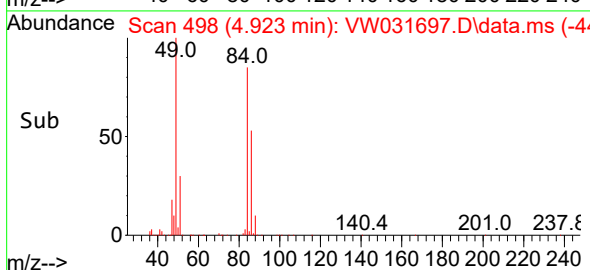
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

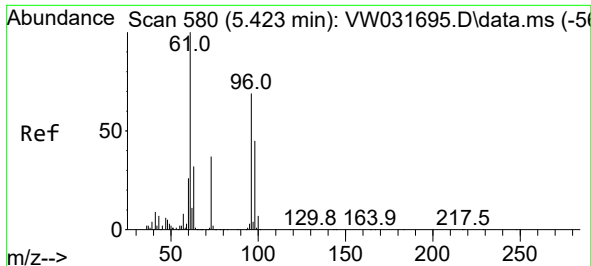


#16
Methylene chloride
Concen: 83.91 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



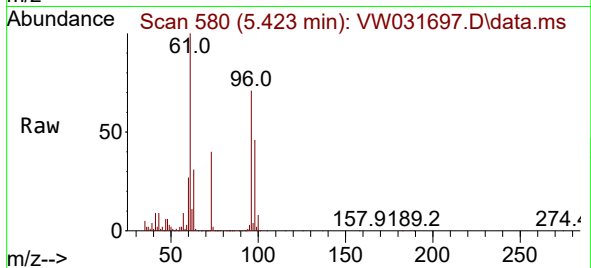
Tgt Ion: 84 Resp: 387580
Ion Ratio Lower Upper
84 100
86 62.7 44.2 82.2
49 118.0 85.1 158.1





#17
trans-1,2-Dichloroethene
Concen: 100.14 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

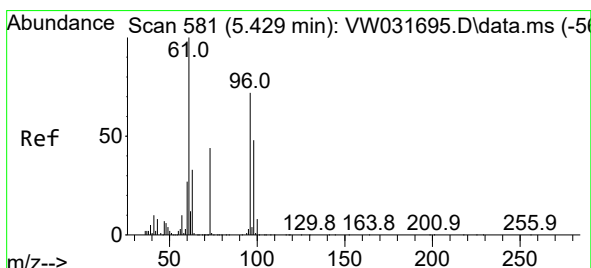
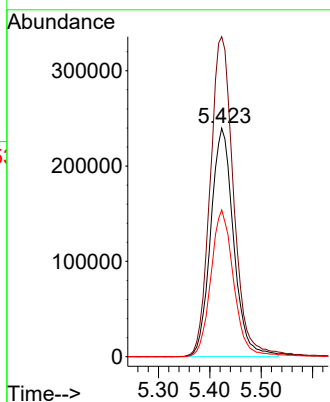
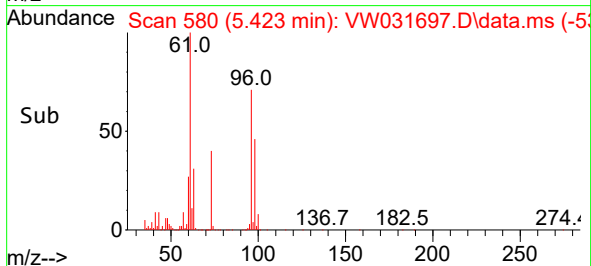
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



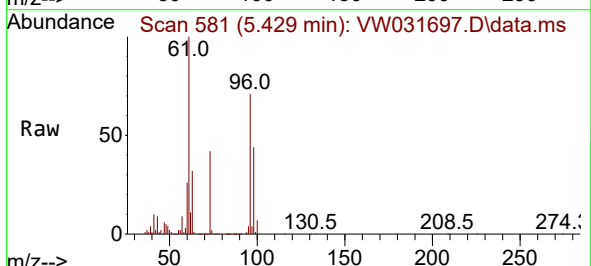
Tgt Ion: 96 Resp: 744590
Ion Ratio Lower Upper
96 100
61 140.1 100.9 187.3
98 64.2 45.0 83.6

Manual Integrations
APPROVED

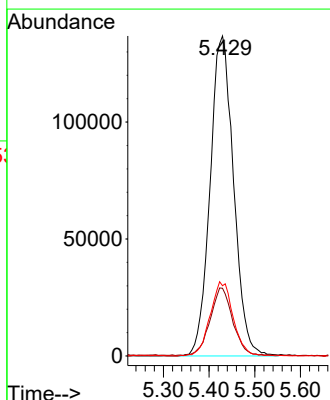
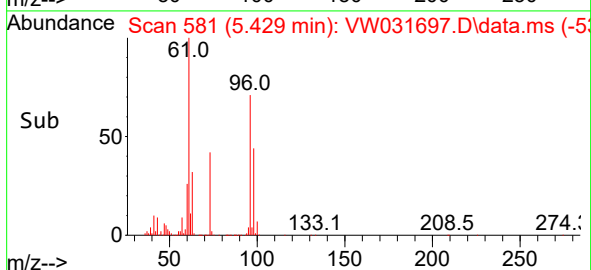
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

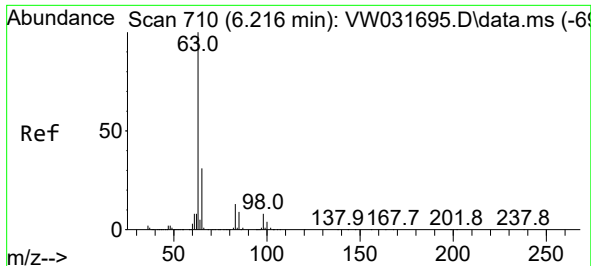


#18
Methyl tert-butyl Ether
Concen: 92.46 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



Tgt Ion: 73 Resp: 488971
Ion Ratio Lower Upper
73 100
43 20.2 15.4 23.2
57 22.5 8.5 12.7#





#19

1,1-Dichloroethane

Concen: 97.06 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW031697.D

Acq: 08 May 2025 12:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD100468

Tgt Ion: 63 Resp: 1120580

Ion Ratio Lower Upper

63 100

65 31.5 21.6 40.0

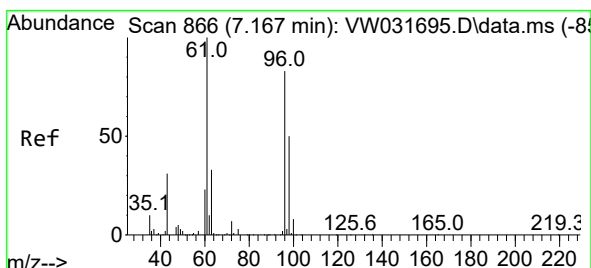
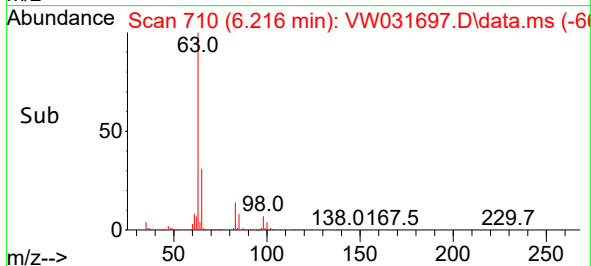
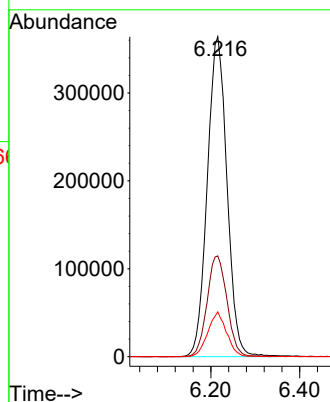
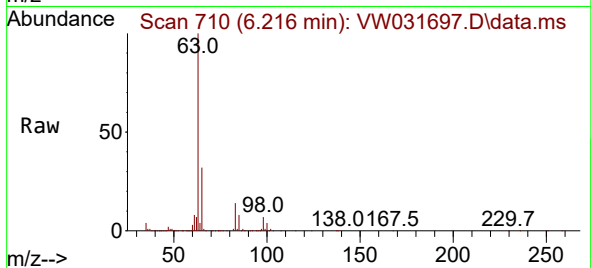
83 14.0 9.4 17.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 05/08/2025

Supervised By :Mahesh Dadoda 05/12/2025



#20

cis-1,2-Dichloroethene

Concen: 99.06 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW031697.D

Acq: 08 May 2025 12:22

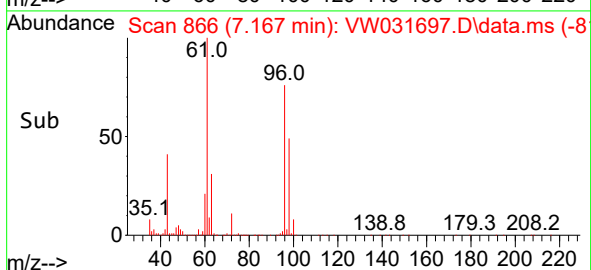
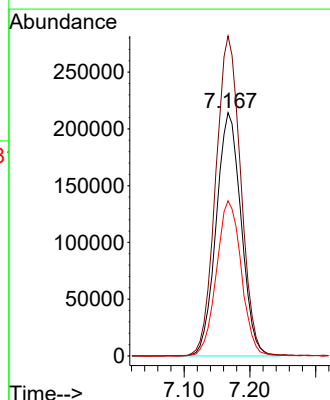
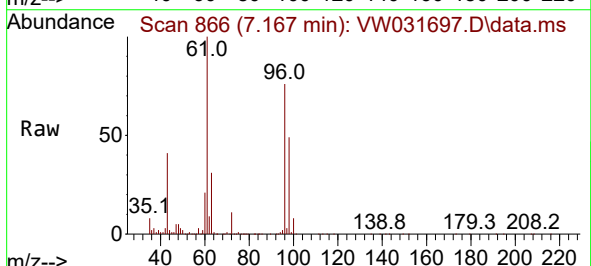
Tgt Ion: 96 Resp: 565466

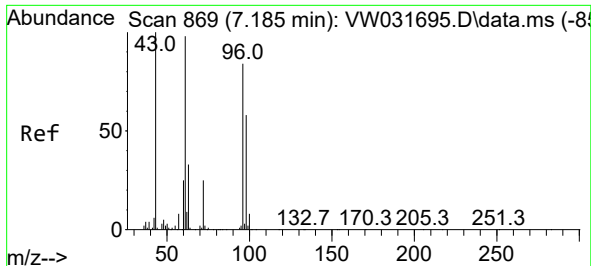
Ion Ratio Lower Upper

96 100

61 131.5 84.8 157.6

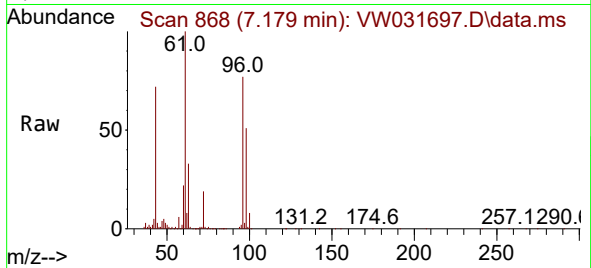
98 63.8 42.4 78.6





#22
2-Butanone
Concen: 205.27 ug/L
RT: 7.179 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

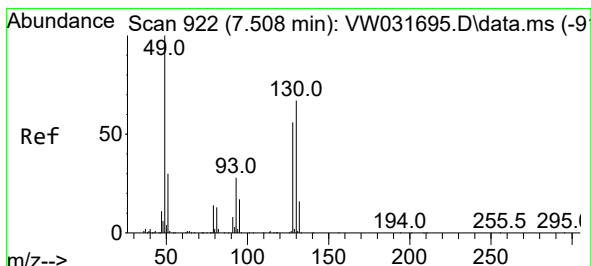
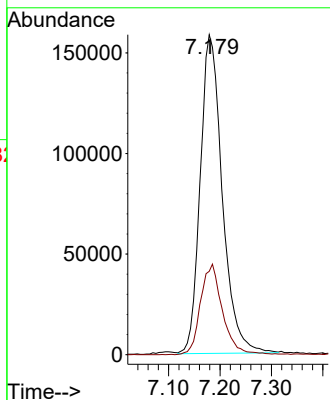
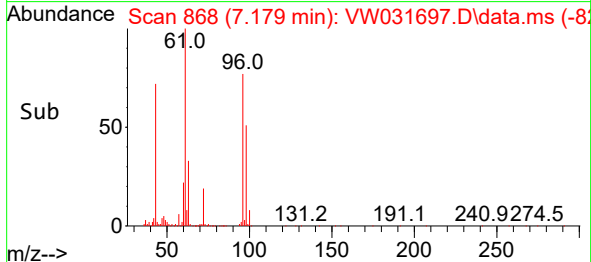
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



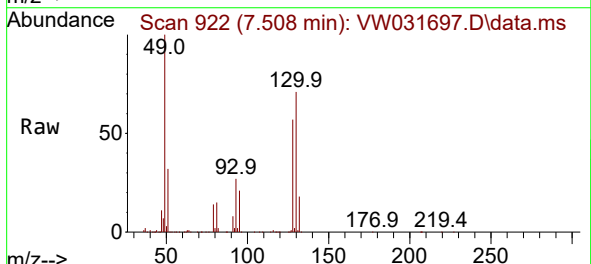
Tgt Ion: 43 Resp: 472300
Ion Ratio Lower Upper
43 100
72 28.2 13.7 41.1

Manual Integrations
APPROVED

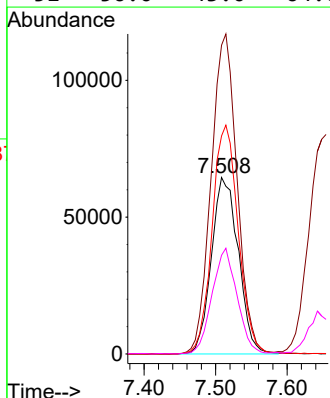
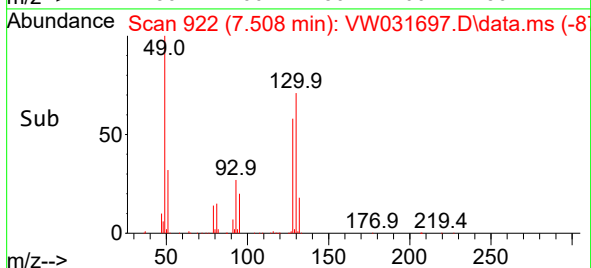
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

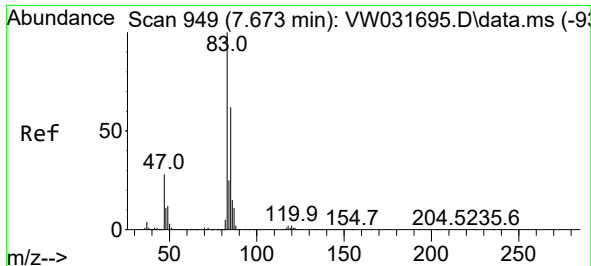


#23
Bromochloromethane
Concen: 91.04 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



Tgt Ion:128 Resp: 168473
Ion Ratio Lower Upper
128 100
49 175.0 125.1 232.3
130 123.6 83.9 155.7
51 56.0 43.0 64.6





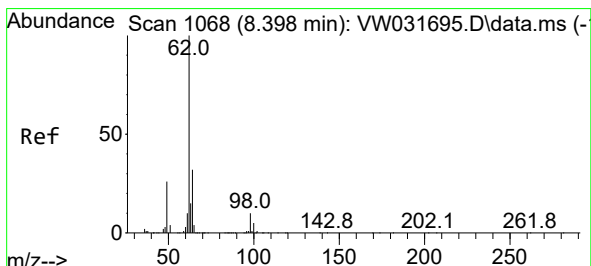
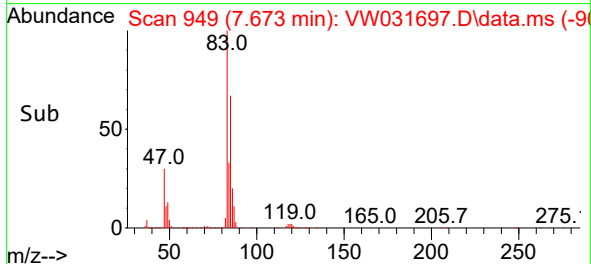
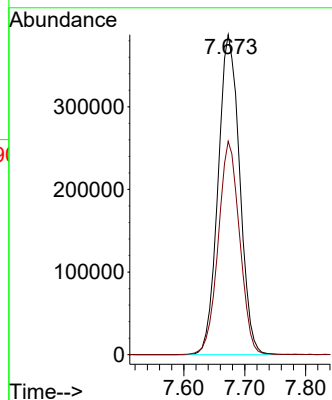
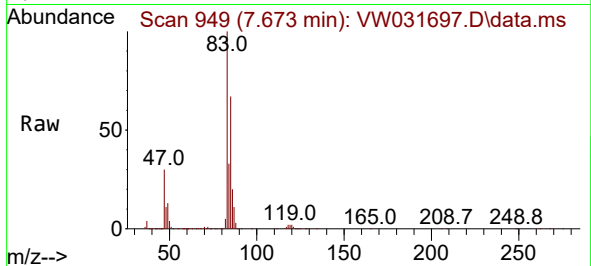
#25
Chloroform
Concen: 95.79 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

Instrument :
MSVOA_W
ClientSampleId :
VSTD100468

Tgt Ion: 83 Resp: 95035
Ion Ratio Lower Upper
83 100
85 66.7 43.2 80.2

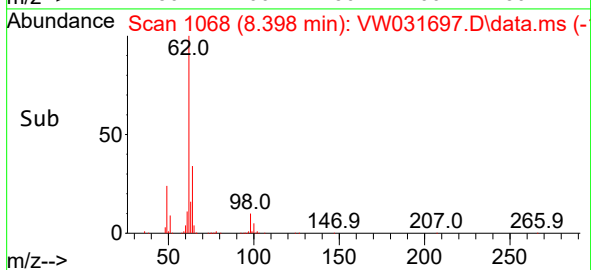
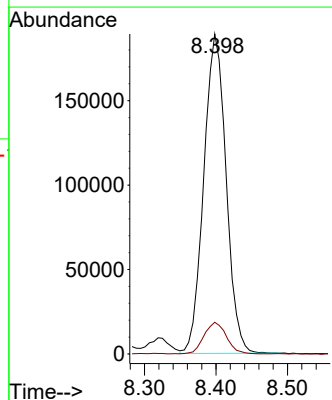
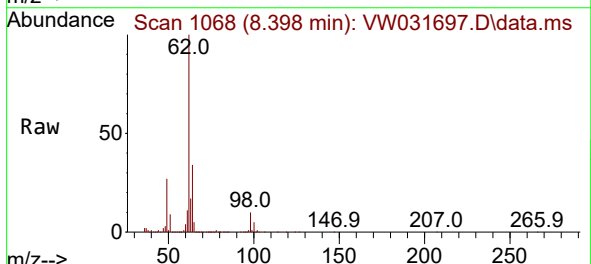
Manual Integrations
APPROVED

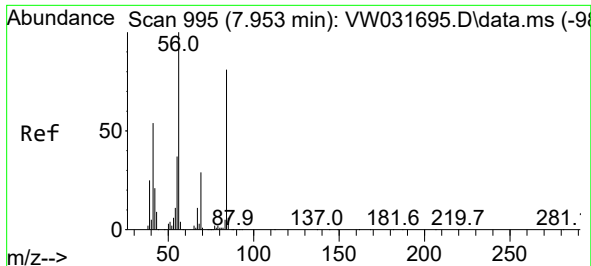
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#27
1,2-Dichloroethane
Concen: 89.24 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

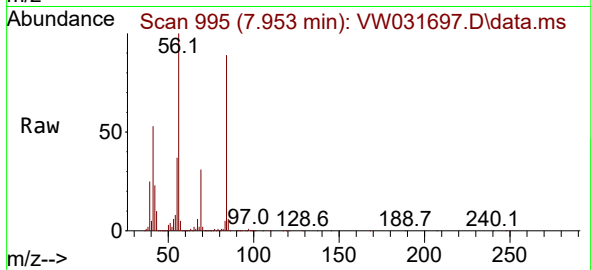
Tgt Ion: 62 Resp: 410271
Ion Ratio Lower Upper
62 100
98 9.9 8.0 12.0





#29
Cyclohexane
Concen: 110.33 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

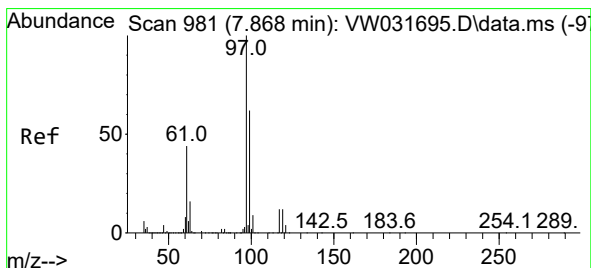
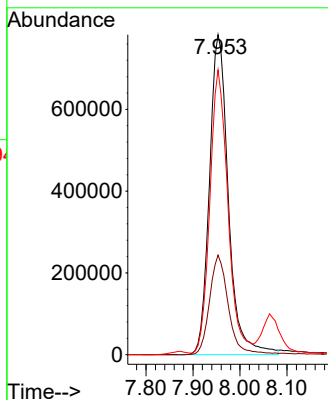
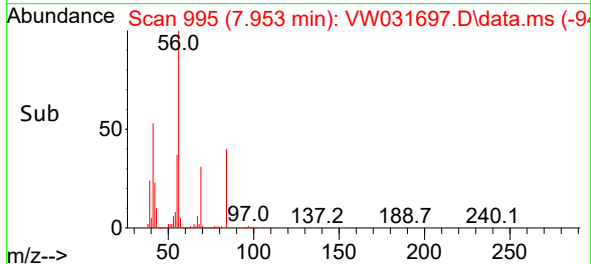
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



Tgt Ion: 56 Resp: 2190224
Ion Ratio Lower Upper
56 100
69 30.8 24.9 37.3
84 84.0 68.2 102.4

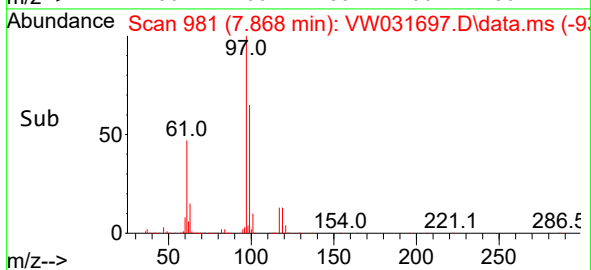
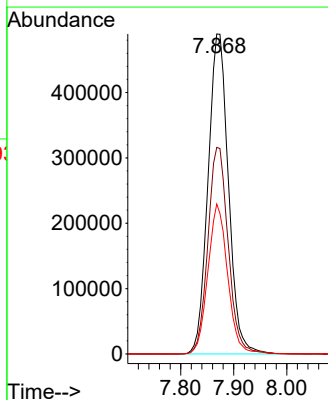
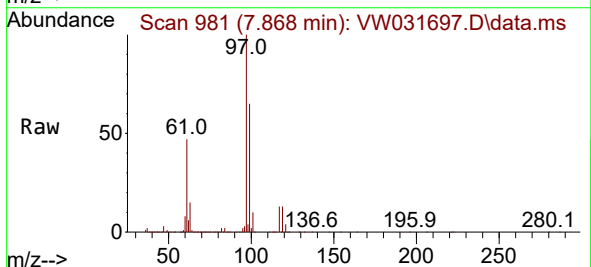
Manual Integrations
APPROVED

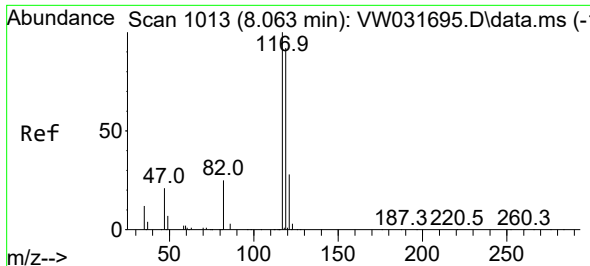
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#30
1,1,1-Trichloroethane
Concen: 101.55 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

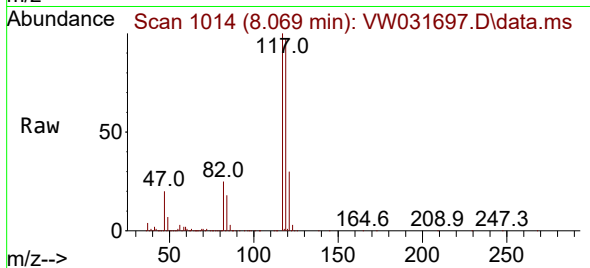
Tgt Ion: 97 Resp: 1308379
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 45.5 36.4 54.6





#31
Carbon tetrachloride
Concen: 102.97 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

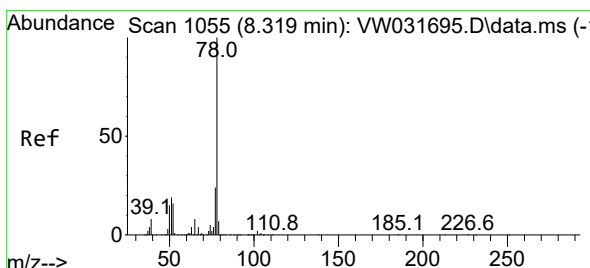
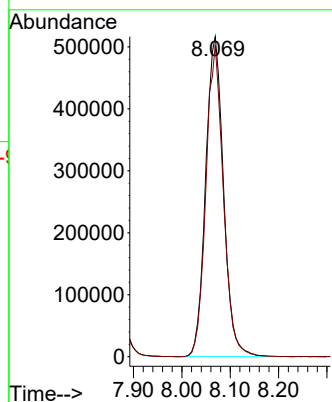
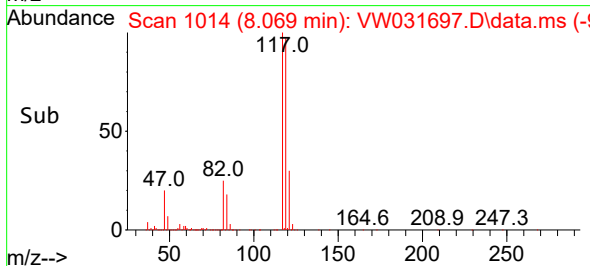
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



Tgt Ion:117 Resp: 1327334
Ion Ratio Lower Upper
117 100
119 94.8 76.5 114.7

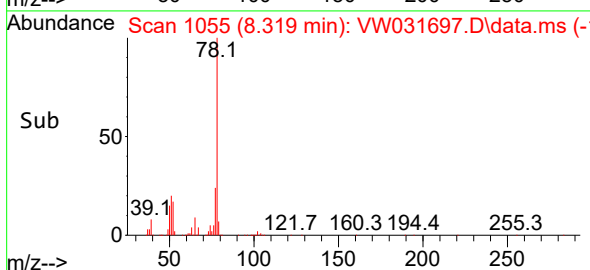
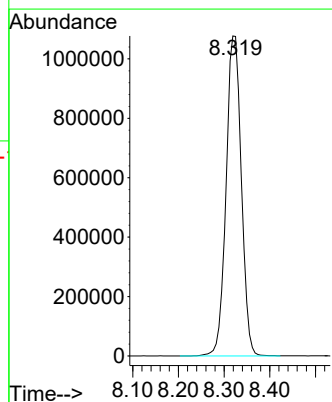
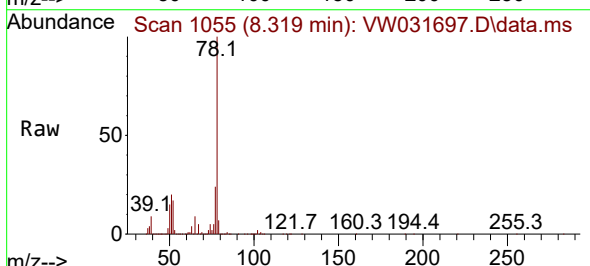
Manual Integrations
APPROVED

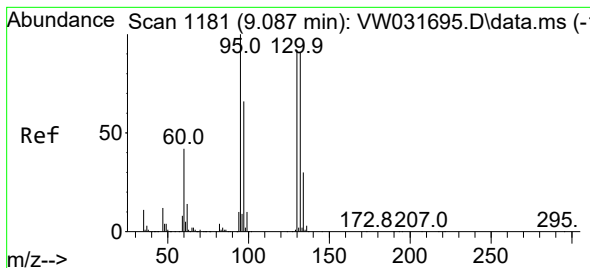
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#33
Benzene
Concen: 99.59 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

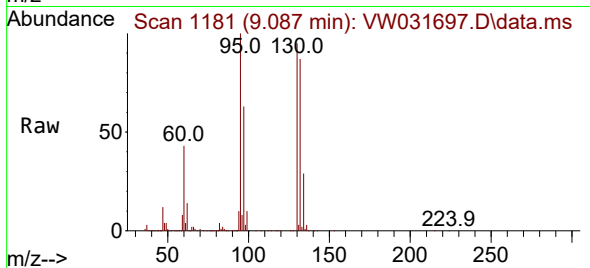
Tgt Ion: 78 Resp: 2496951





#34
Trichloroethene
Concen: 100.72 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

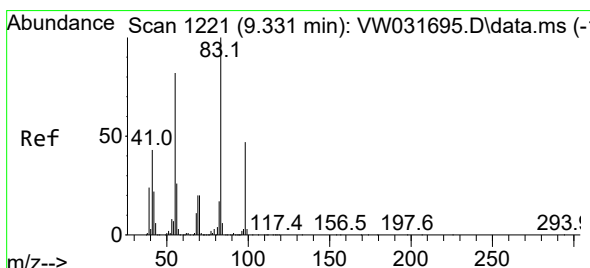
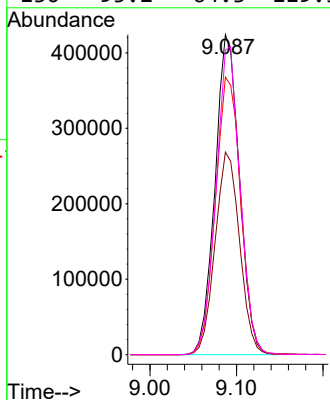
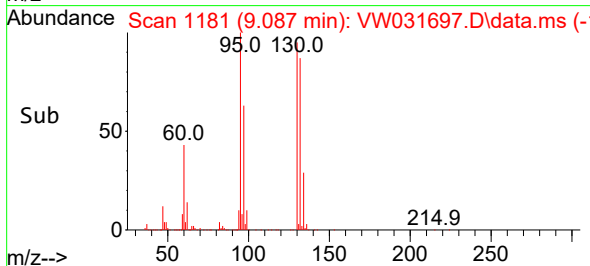
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



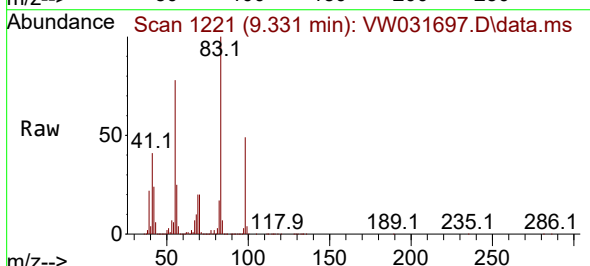
Tgt Ion: 95 Resp: 82948
Ion Ratio Lower Upper
95 100
97 63.3 46.0 85.4
132 86.7 63.8 118.4
130 95.2 64.3 119.3

Manual Integrations
APPROVED

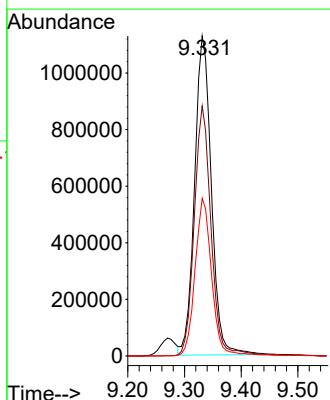
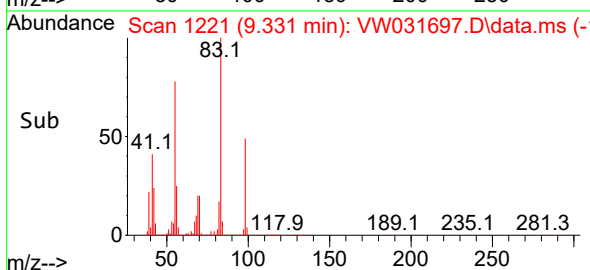
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

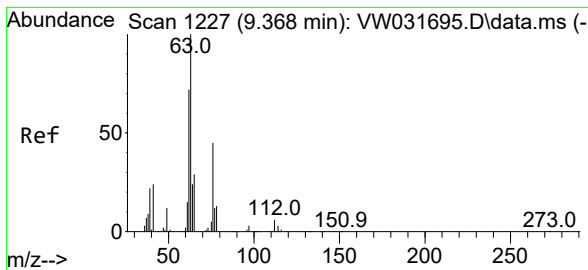


#35
Methylcyclohexane
Concen: 106.86 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



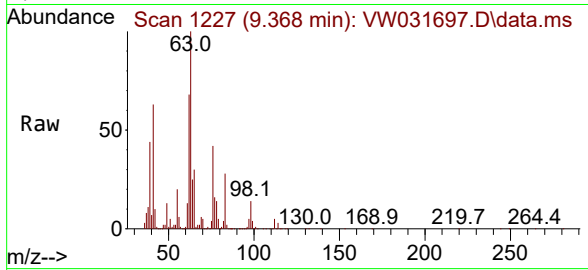
Tgt Ion: 83 Resp: 2321478
Ion Ratio Lower Upper
83 100
55 78.3 63.1 94.7
98 47.8 37.6 56.4





#37
1,2-Dichloropropane
Concen: 94.52 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

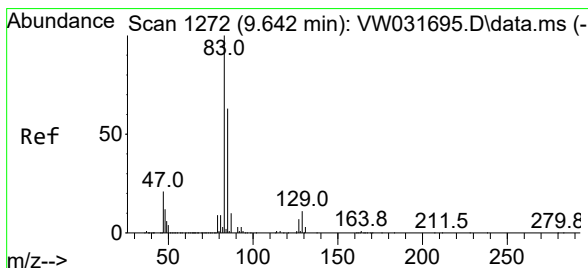
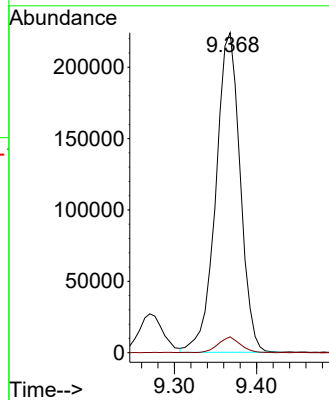
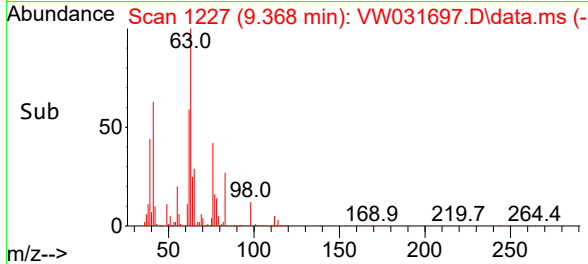
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



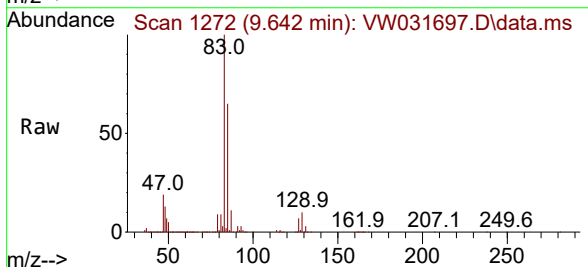
Tgt Ion: 63 Resp: 460070
Ion Ratio Lower Upper
63 100
112 4.5 4.0 6.0

Manual Integrations
APPROVED

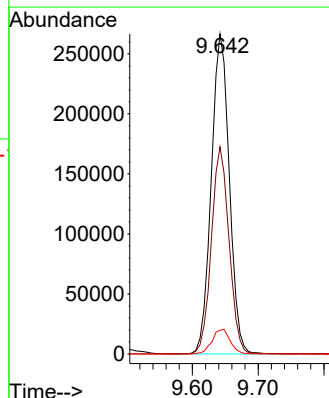
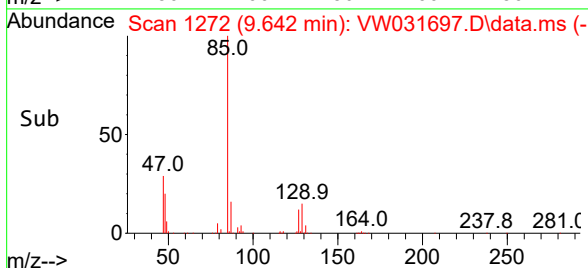
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

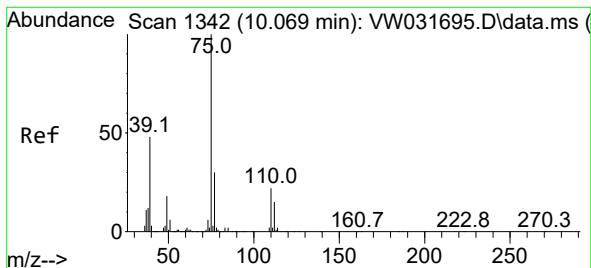


#38
Bromodichloromethane
Concen: 94.99 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



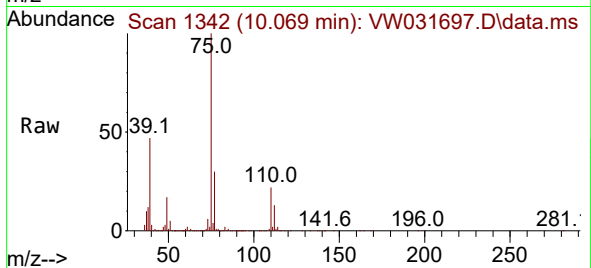
Tgt Ion: 83 Resp: 508481
Ion Ratio Lower Upper
83 100
85 64.7 44.0 81.8
127 7.4 5.8 8.6





#39
cis-1,3-Dichloropropene
Concen: 103.57 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

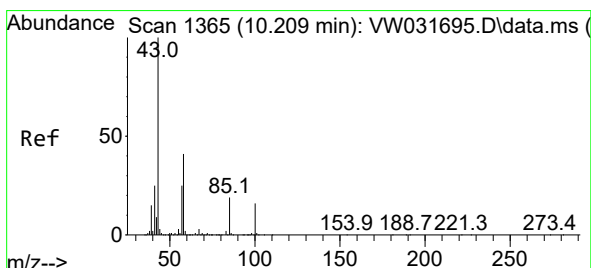
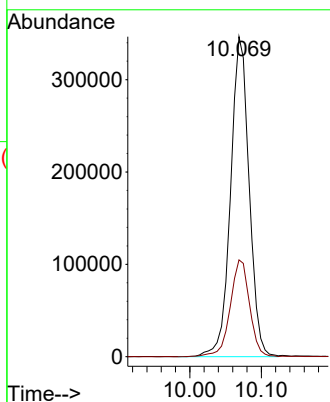
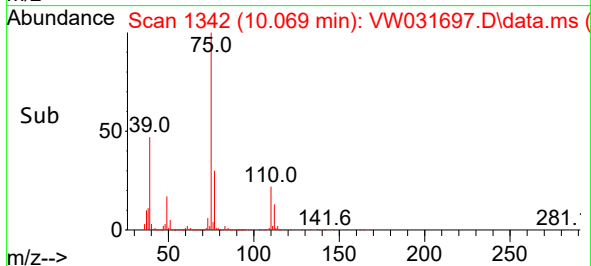
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



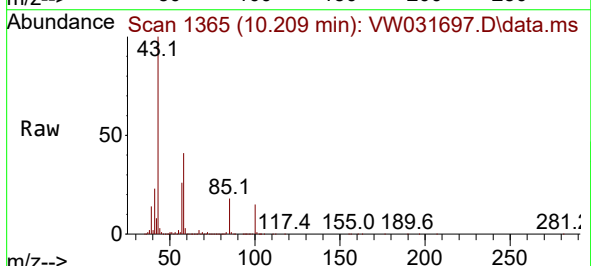
Tgt Ion: 75 Resp: 62386
Ion Ratio Lower Upper
75 100
77 30.3 20.7 38.5

Manual Integrations
APPROVED

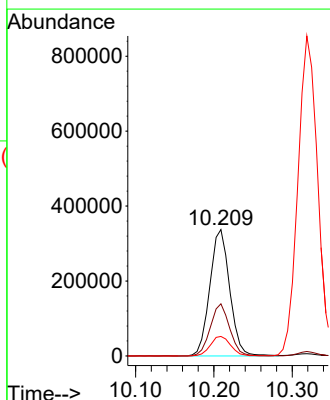
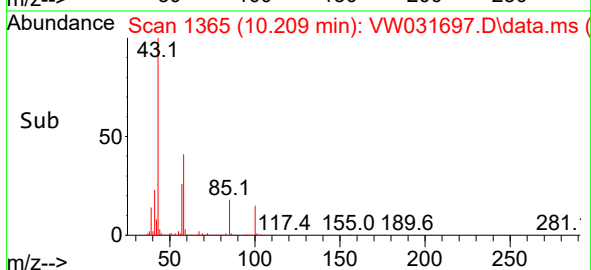
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

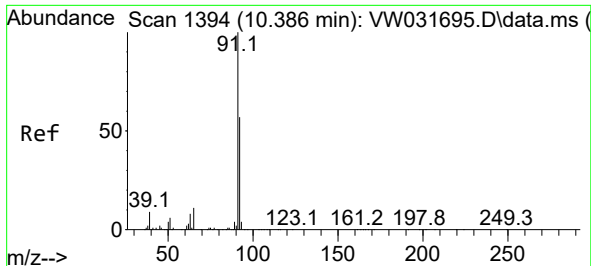


#40
4-Methyl-2-pentanone
Concen: 199.45 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



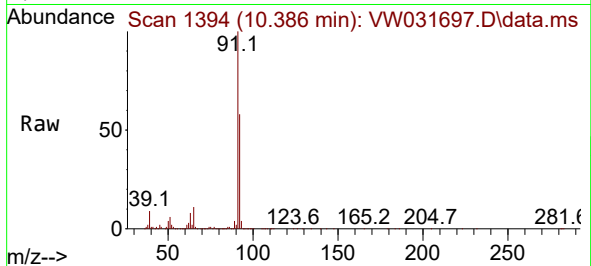
Tgt Ion: 43 Resp: 594864
Ion Ratio Lower Upper
43 100
58 40.0 31.0 46.6
100 15.9 11.9 17.9





#42
Toluene
Concen: 104.64 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

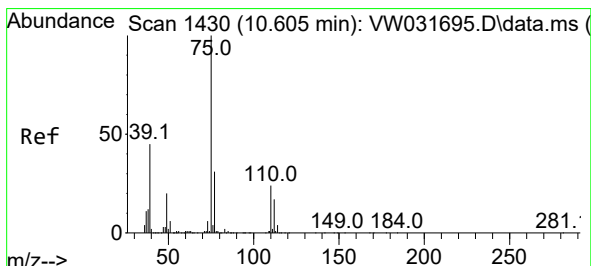
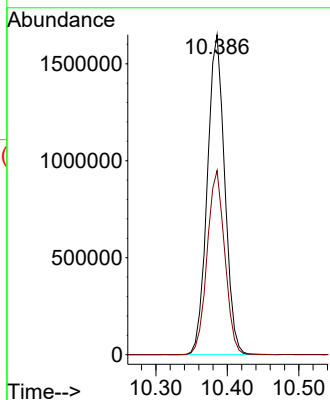
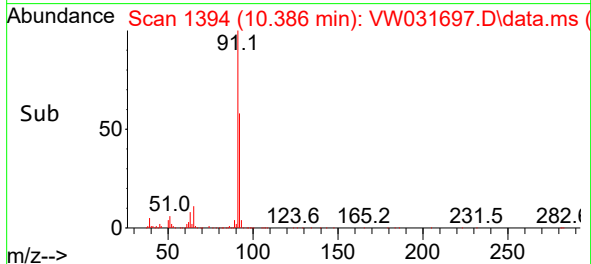
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



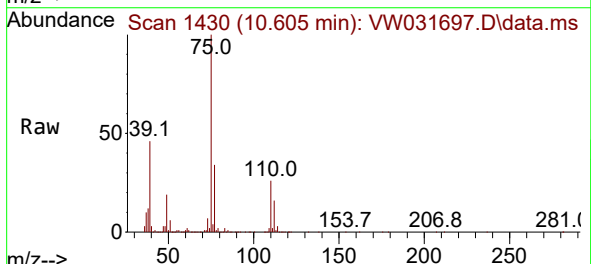
Tgt Ion: 91 Resp: 2787468
Ion Ratio Lower Upper
91 100
92 57.5 40.3 74.8

Manual Integrations
APPROVED

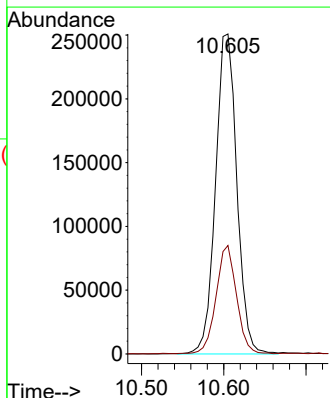
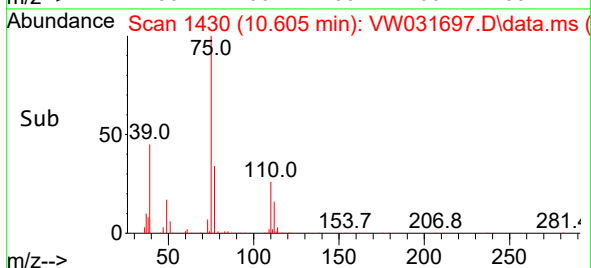
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

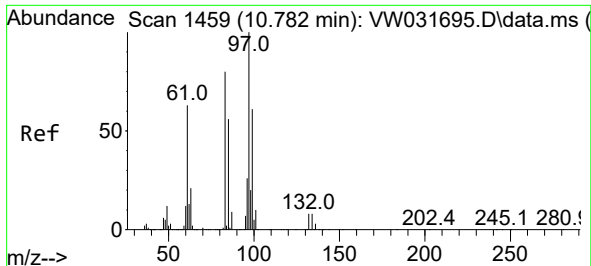


#44
trans-1,3-Dichloropropene
Concen: 99.92 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



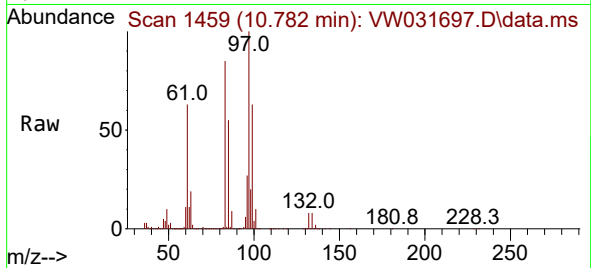
Tgt Ion: 75 Resp: 451296
Ion Ratio Lower Upper
75 100
77 33.9 22.1 41.1





#45
1,1,2-Trichloroethane
Concen: 90.91 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

Instrument :
MSVOA_W
ClientSampleId :
VSTD100468

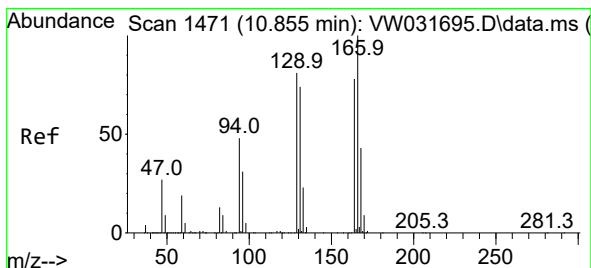
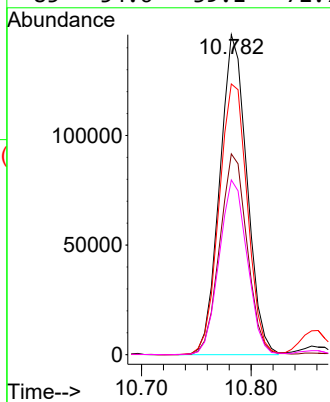
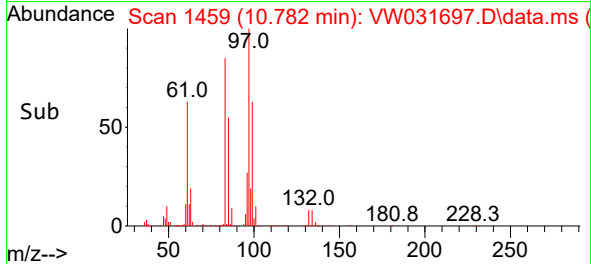


Tgt Ion: 97 Resp: 25244

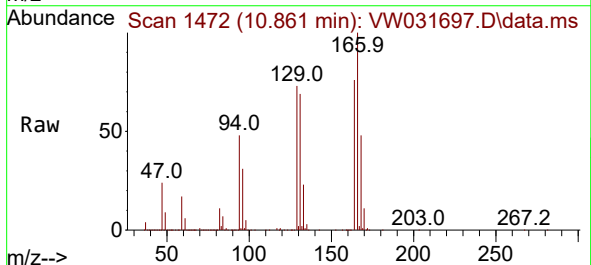
Ion	Ratio	Lower	Upper
97	100		
99	62.7	42.6	79.2
83	84.6	55.7	103.5
85	54.6	39.1	72.7

Manual Integrations
APPROVED

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

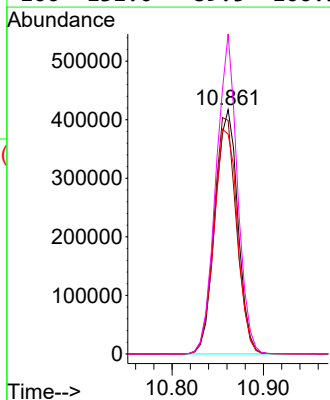
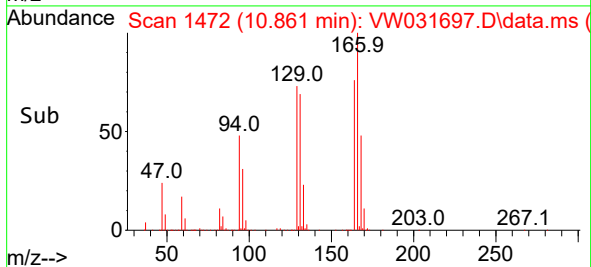


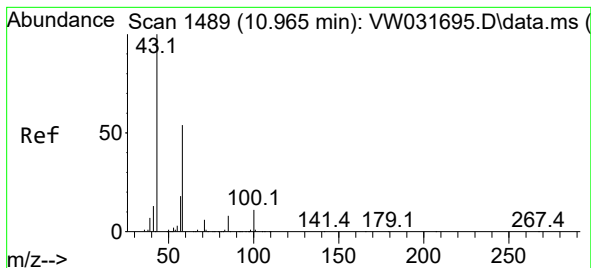
#46
Tetrachloroethene
Concen: 104.48 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



Tgt Ion:164 Resp: 720216

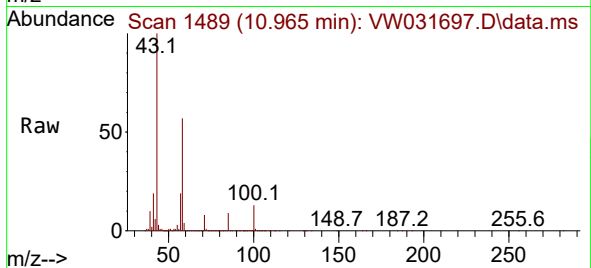
Ion	Ratio	Lower	Upper
164	100		
129	95.6	72.2	134.0
131	89.9	66.6	123.8
166	131.0	89.5	166.3





#48
2-Hexanone
Concen: 211.67 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

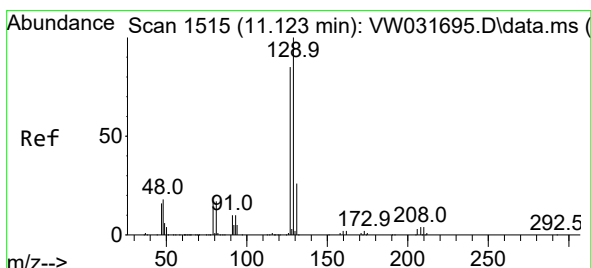
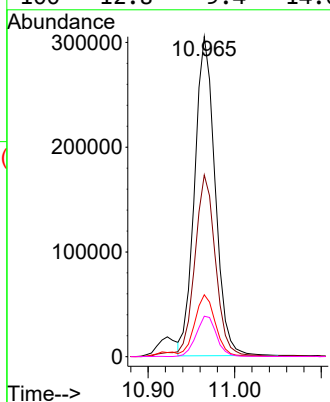
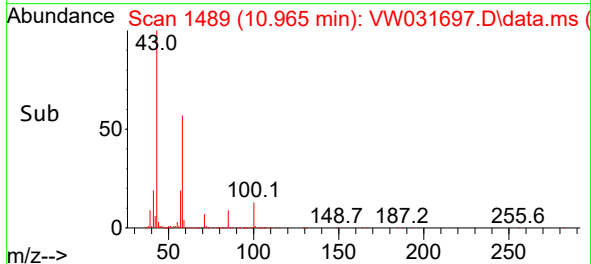
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



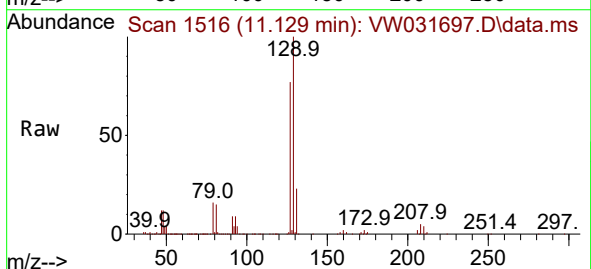
Tgt Ion: 43 Resp: 501028
Ion Ratio Lower Upper
43 100
58 57.3 43.6 65.4
57 19.8 15.4 23.0
100 12.8 9.4 14.0

Manual Integrations
APPROVED

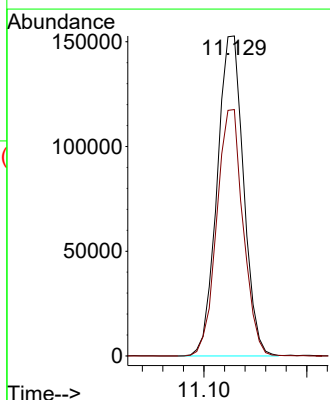
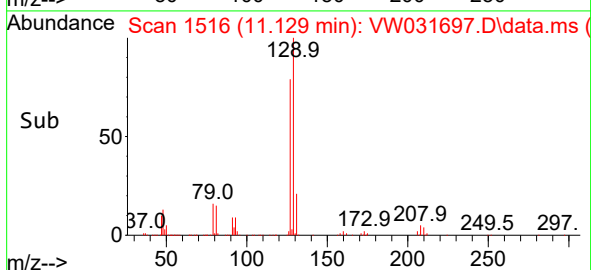
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

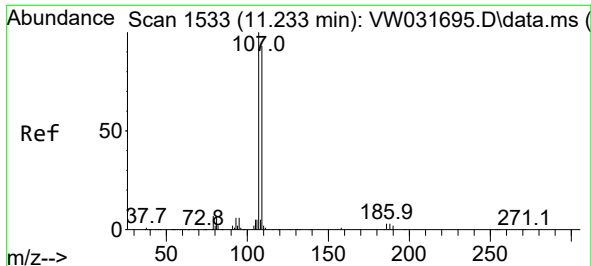


#49
Dibromochloromethane
Concen: 97.20 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



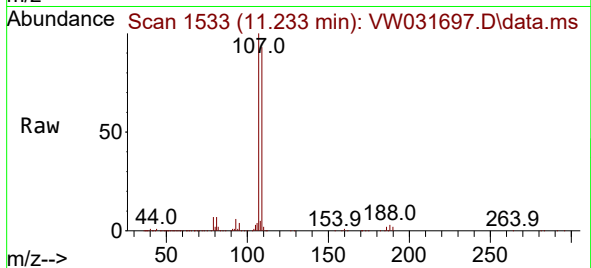
Tgt Ion:129 Resp: 272527
Ion Ratio Lower Upper
129 100
127 77.0 59.7 110.9





#50
1,2-Dibromoethane
Concen: 96.16 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

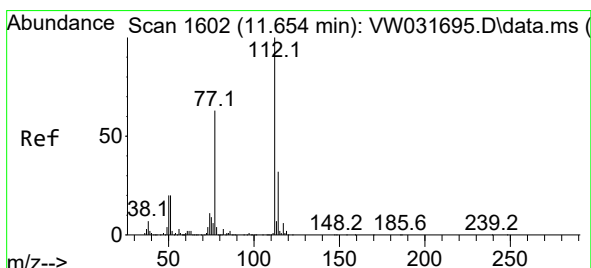
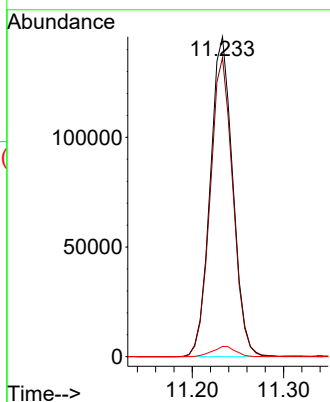
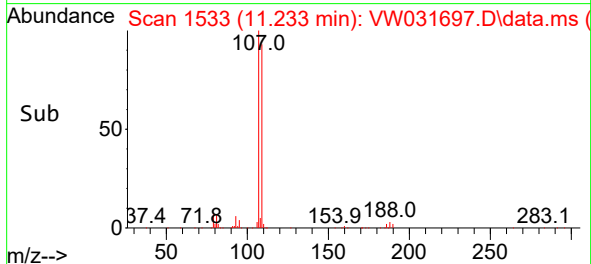
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



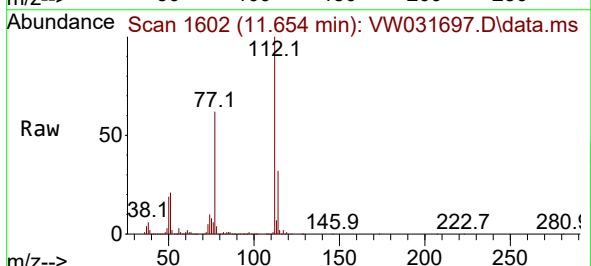
Tgt Ion:107 Resp: 25097
Ion Ratio Lower Upper
107 100
109 93.5 65.0 120.8
188 3.2 2.2 3.2

Manual Integrations
APPROVED

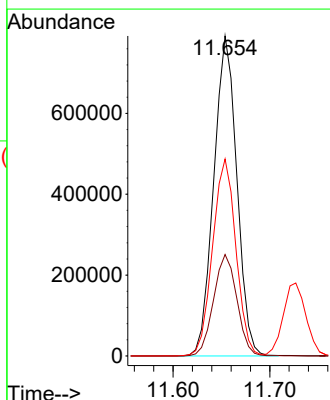
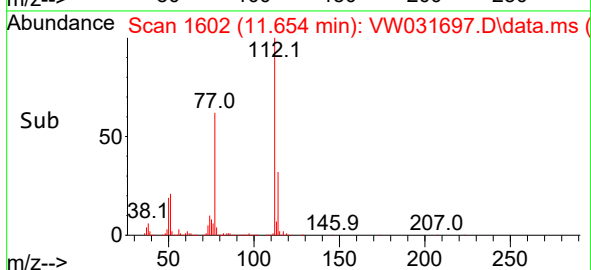
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

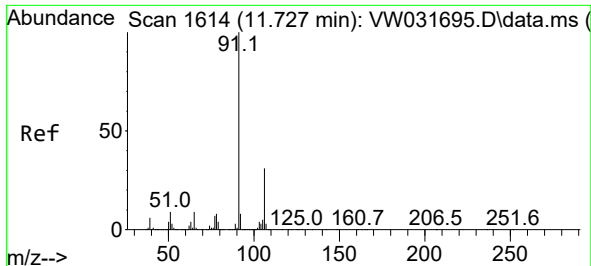


#51
Chlorobenzene
Concen: 98.86 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



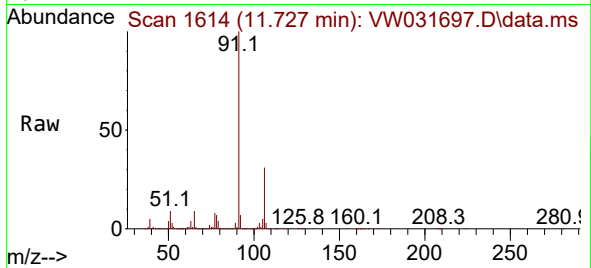
Tgt Ion:112 Resp: 1312157
Ion Ratio Lower Upper
112 100
114 31.7 22.6 42.0
77 61.5 50.3 75.5





#52
Ethylbenzene
Concen: 106.09 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

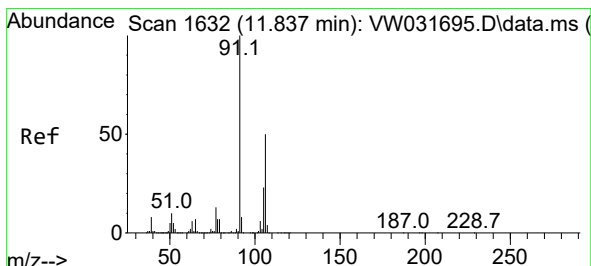
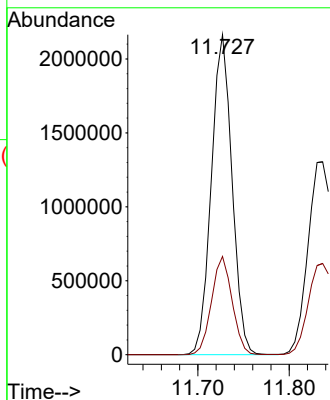
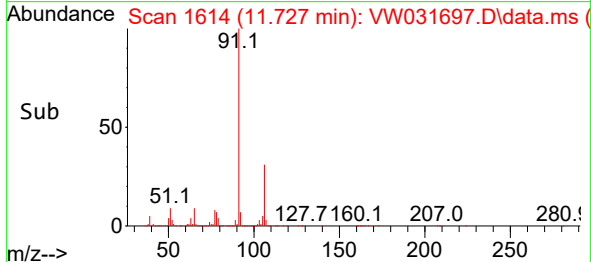
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



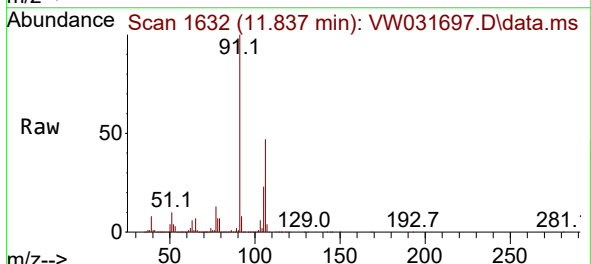
Tgt Ion: 91 Resp: 339761
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.6

Manual Integrations
APPROVED

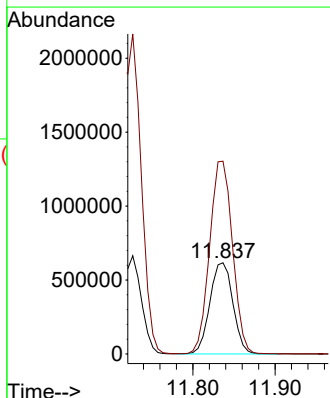
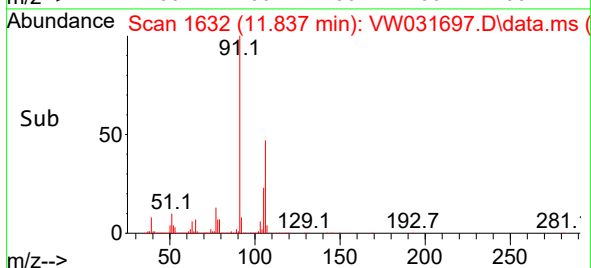
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

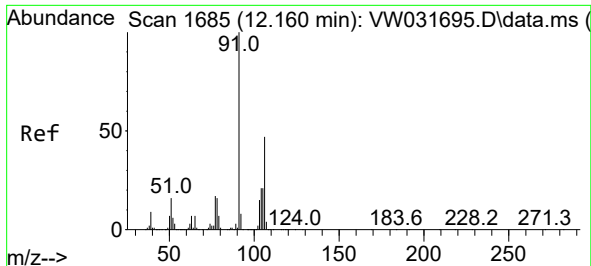


#53
m,p-Xylene
Concen: 103.99 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



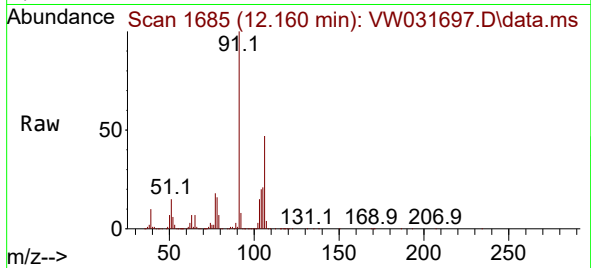
Tgt Ion:106 Resp: 1198723
Ion Ratio Lower Upper
106 100
91 211.3 138.9 257.9





#54
o-Xylene
Concen: 104.15 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

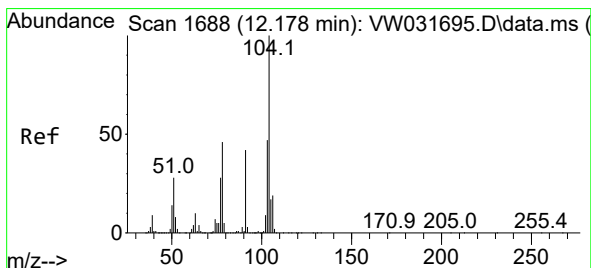
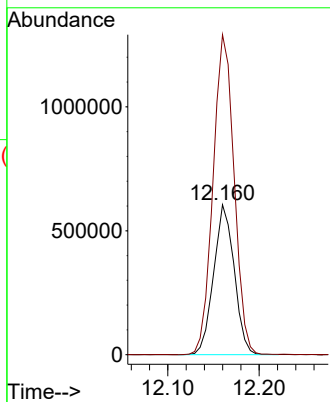
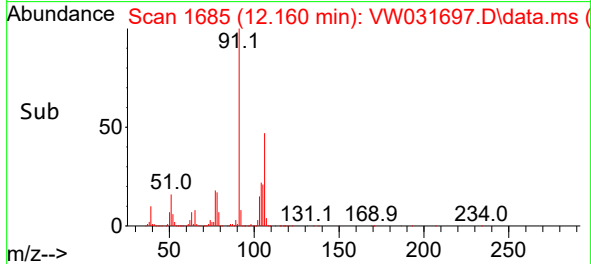
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



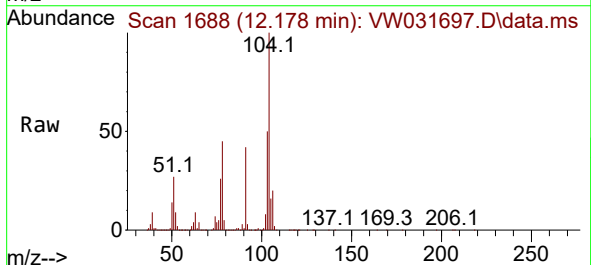
Tgt Ion:106 Resp: 944754
Ion Ratio Lower Upper
106 100
91 213.5 147.4 273.8

Manual Integrations
APPROVED

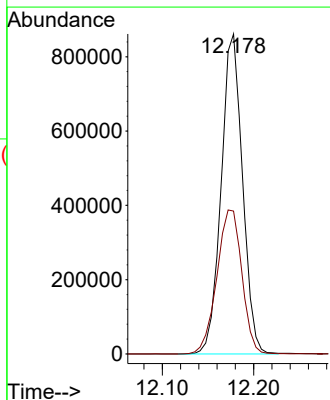
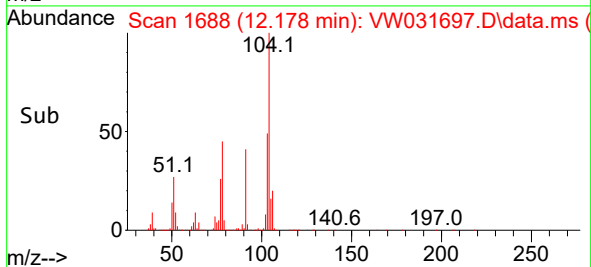
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

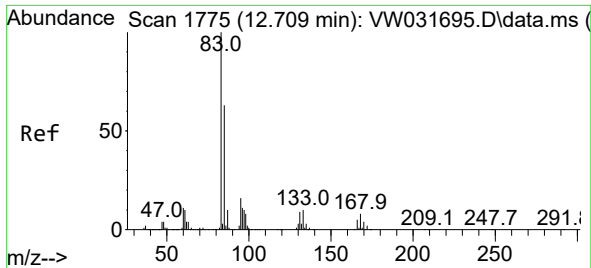


#55
Styrene
Concen: 106.97 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



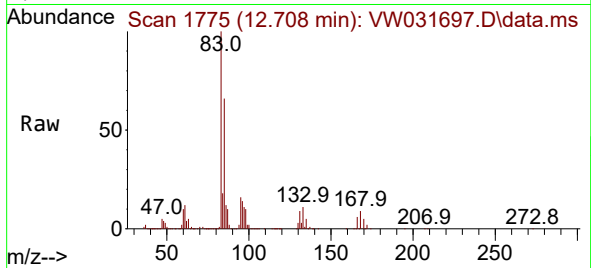
Tgt Ion:104 Resp: 1398732
Ion Ratio Lower Upper
104 100
78 44.6 32.1 59.5





#57
1,1,2,2-Tetrachloroethane
Concen: 89.65 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

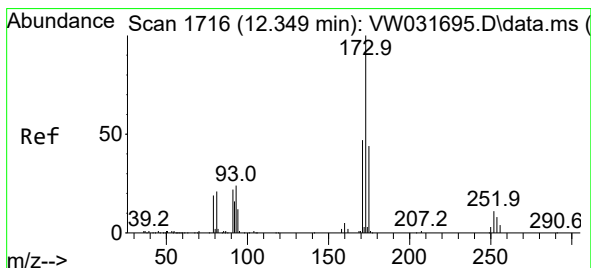
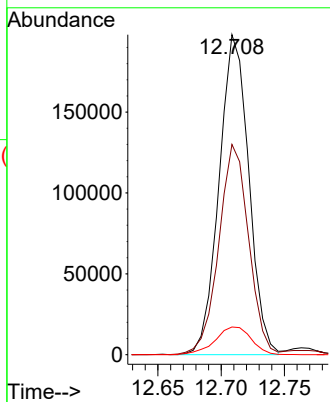
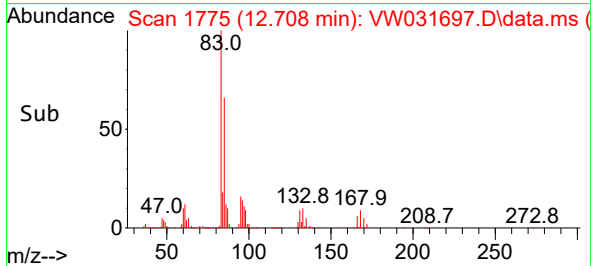
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



Tgt Ion: 83 Resp: 32282
Ion Ratio Lower Upper
83 100
85 65.7 44.2 82.2
131 8.7 7.4 11.2

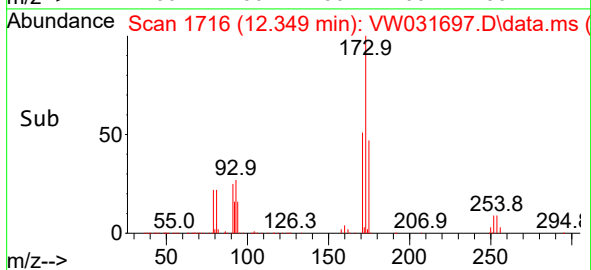
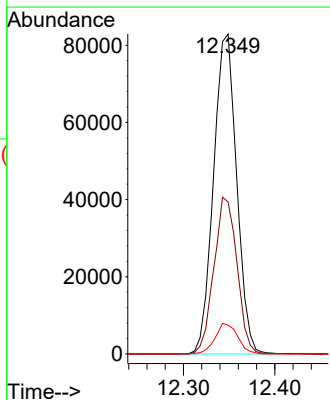
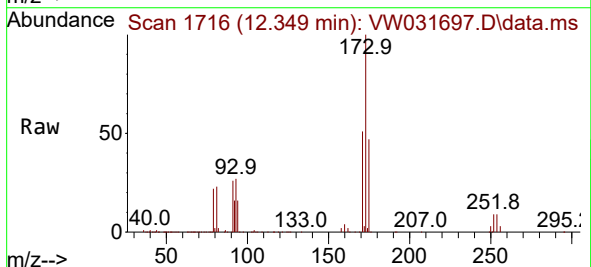
Manual Integrations
APPROVED

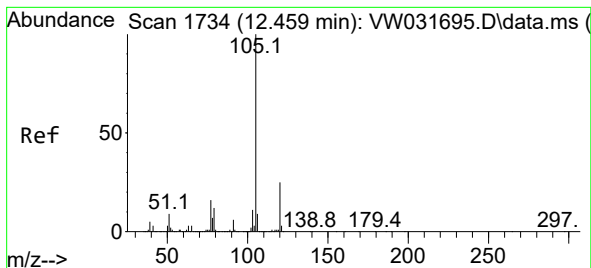
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#59
Bromoform
Concen: 99.46 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

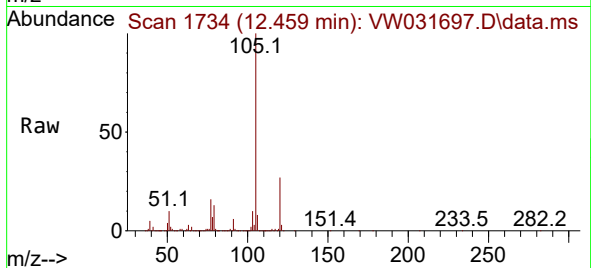
Tgt Ion:173 Resp: 145847
Ion Ratio Lower Upper
173 100
175 49.0 38.1 57.1
254 9.3 5.5 8.3





#60
Isopropylbenzene
Concen: 109.63 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

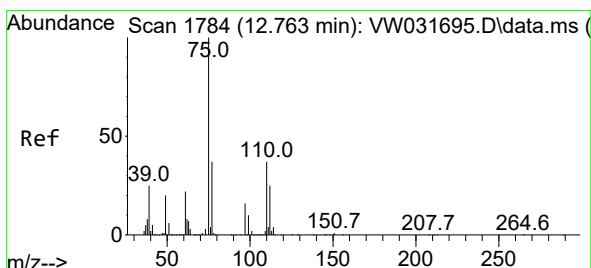
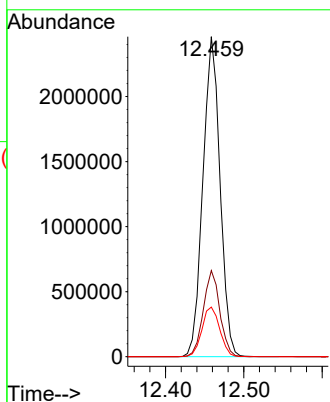
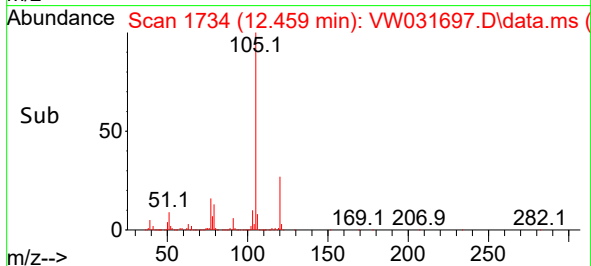
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



Tgt Ion:105 Resp: 3728428
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 16.1 13.3 19.9

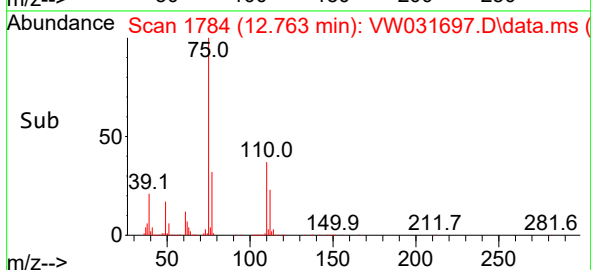
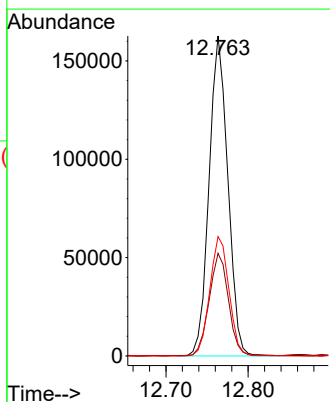
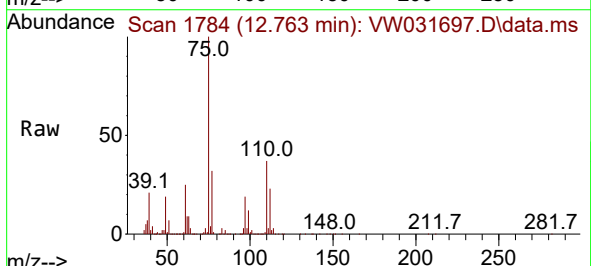
Manual Integrations
APPROVED

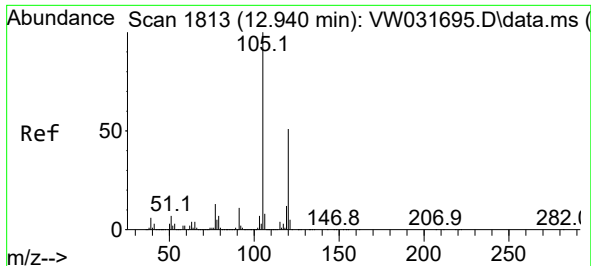
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#61
1,2,3-Trichloropropane
Concen: 94.81 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

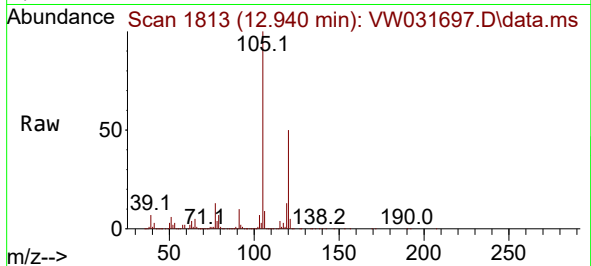
Tgt Ion: 75 Resp: 258052
Ion Ratio Lower Upper
75 100
77 32.4 28.4 42.6
110 38.2 30.9 46.3





#62
1,3,5-Trimethylbenzene
Concen: 111.65 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

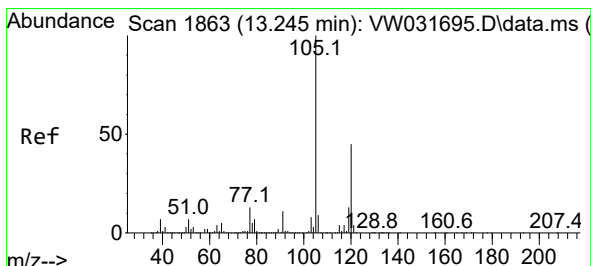
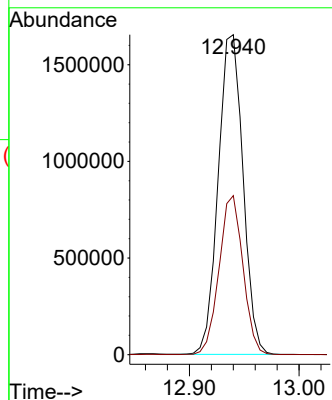
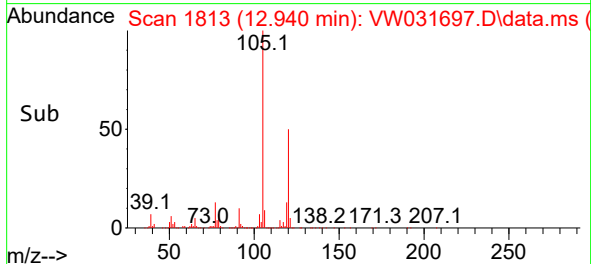
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



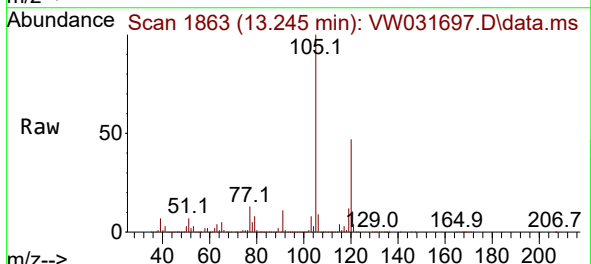
Tgt Ion:105 Resp: 259878
Ion Ratio Lower Upper
105 100
120 48.0 38.2 57.2

Manual Integrations
APPROVED

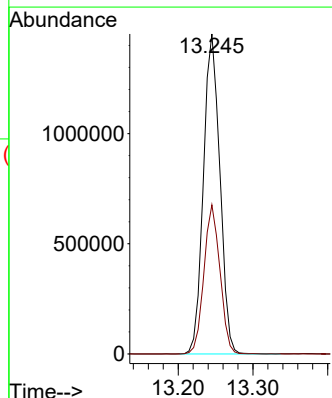
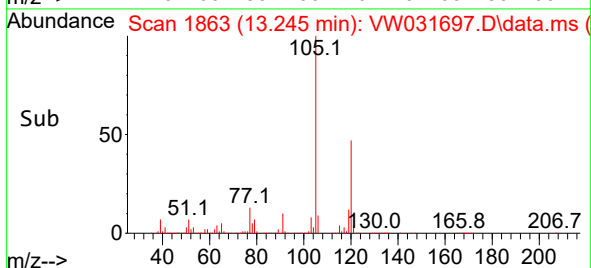
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

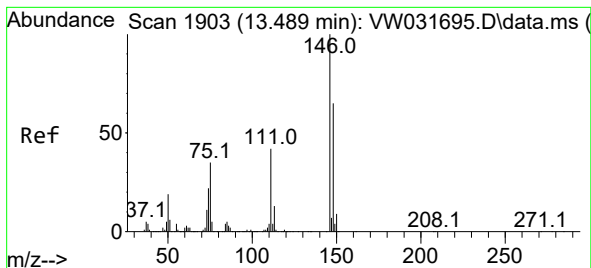


#63
1,2,4-Trimethylbenzene
Concen: 112.06 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



Tgt Ion:105 Resp: 2218658
Ion Ratio Lower Upper
105 100
120 45.3 35.4 53.2





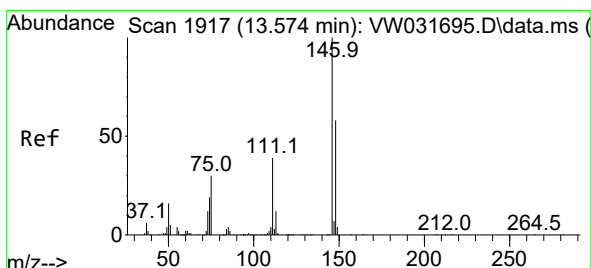
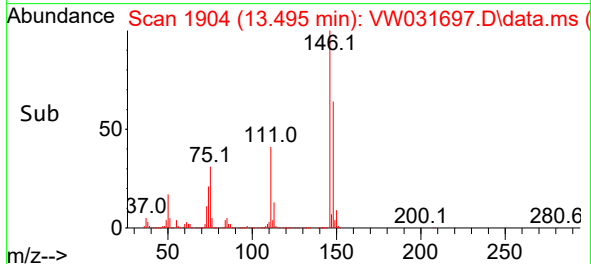
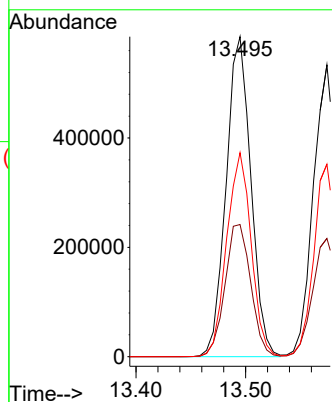
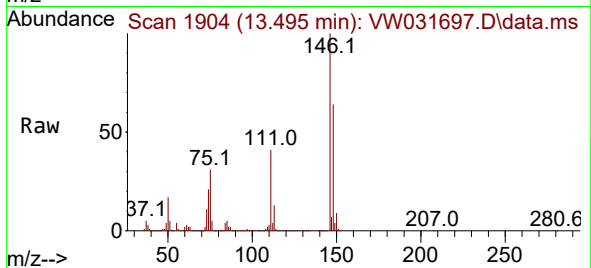
#64
1,3-Dichlorobenzene
Concen: 102.56 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

Instrument :
MSVOA_W
ClientSampleId :
VSTD100468

Tgt Ion:146 Resp: 92027
Ion Ratio Lower Upper
146 100
111 41.3 29.5 54.9
148 63.8 45.7 84.9

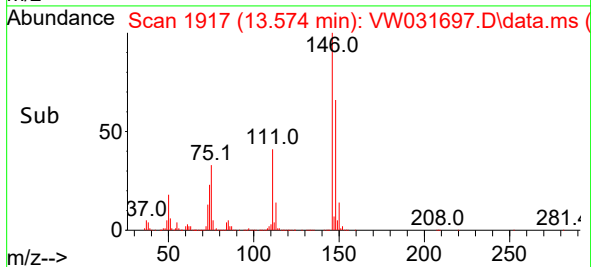
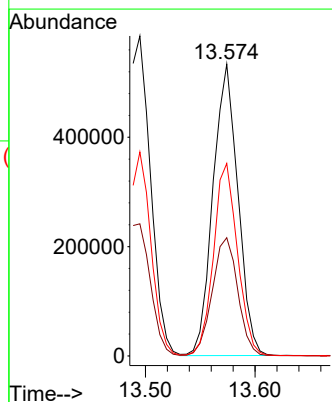
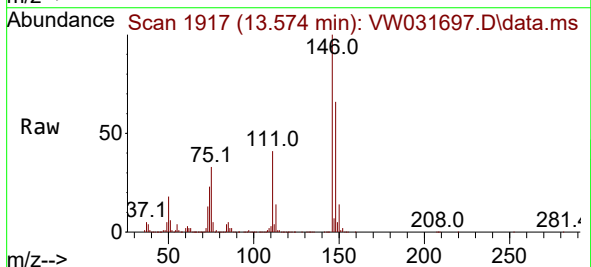
Manual Integrations
APPROVED

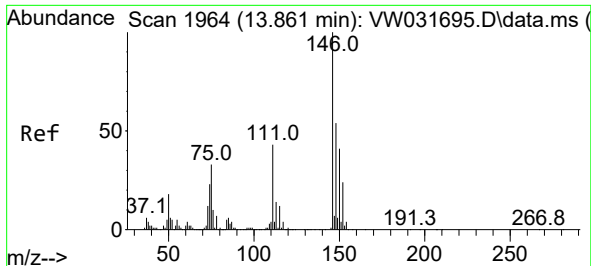
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025



#65
1,4-Dichlorobenzene
Concen: 100.80 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

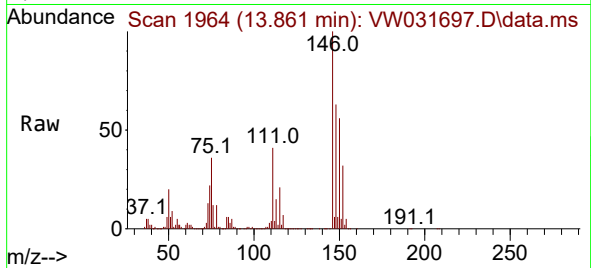
Tgt Ion:146 Resp: 843493
Ion Ratio Lower Upper
146 100
111 40.5 27.6 51.2
148 65.9 40.6 75.4





#67
1,2-Dichlorobenzene
Concen: 98.28 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

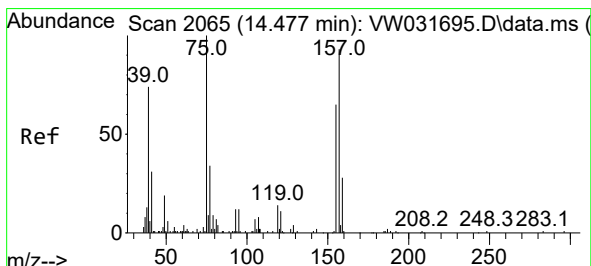
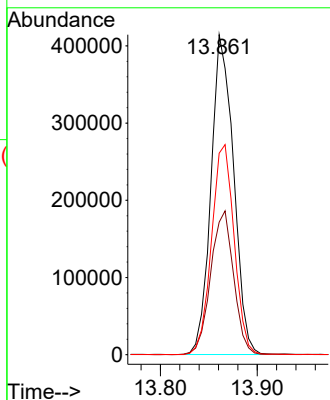
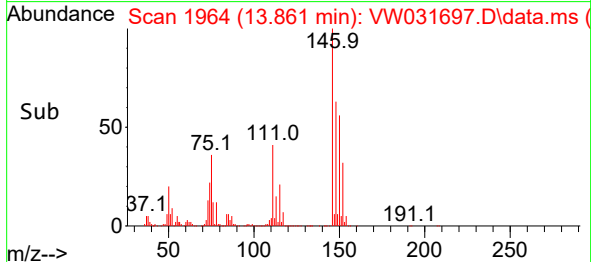
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



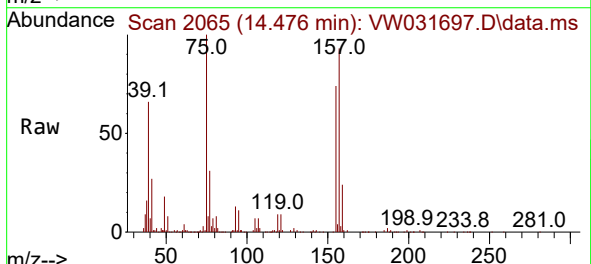
Tgt Ion:146 Resp: 67053
Ion Ratio Lower Upper
146 100
111 41.4 34.2 51.4
148 62.9 43.5 65.3

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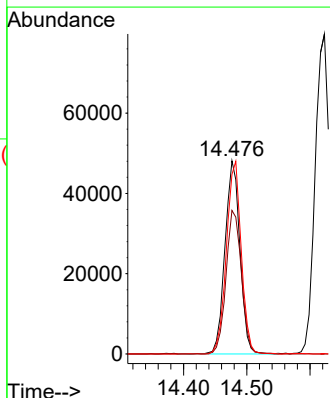
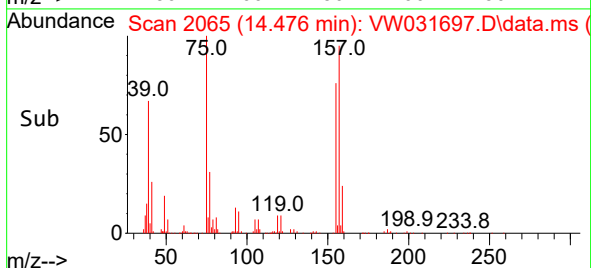
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

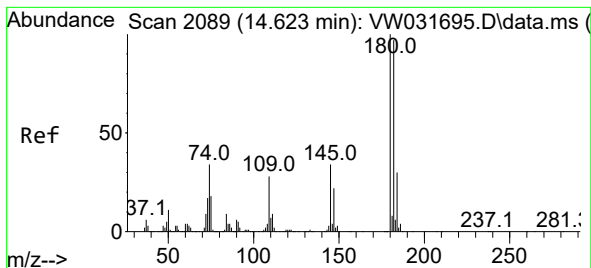


#68
1,2-Dibromo-3-chloropropane
Concen: 90.07 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



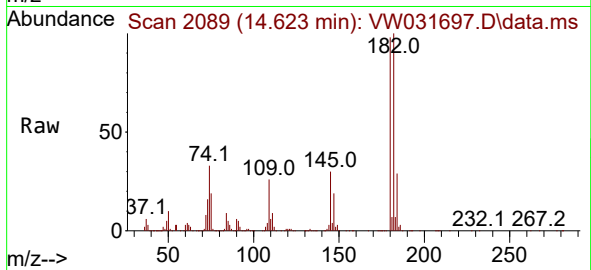
Tgt Ion: 75 Resp: 79110
Ion Ratio Lower Upper
75 100
155 74.4 51.6 77.4
157 93.0 74.6 111.8





#69
1,3,5-Trichlorobenzene
Concen: 103.74 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

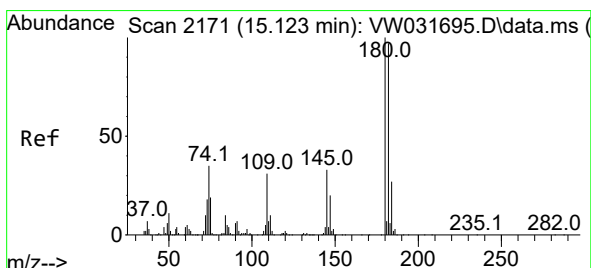
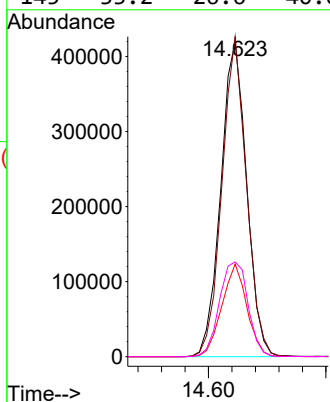
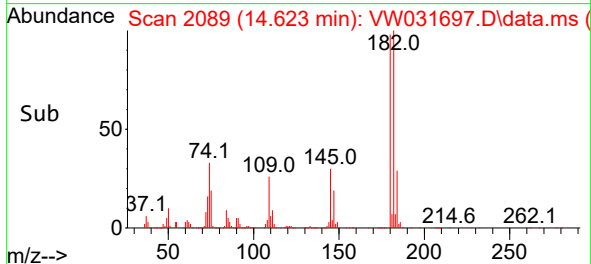
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



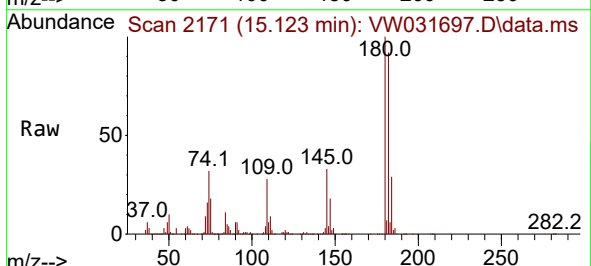
Tgt Ion:180 Resp: 641511
Ion Ratio Lower Upper
180 100
182 96.2 75.5 113.3
184 28.5 23.7 35.5
145 33.2 26.6 40.0

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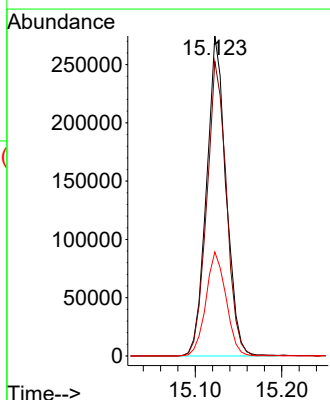
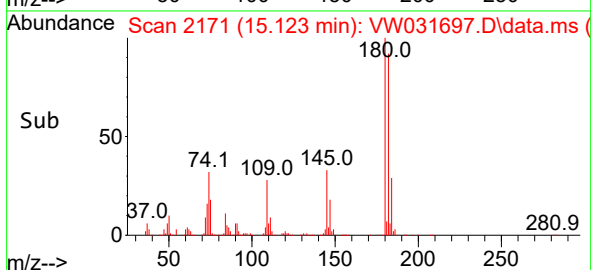
Reviewed By :Amit Patel 05/08/2025
Supervised By :Mahesh Dadoda 05/12/2025

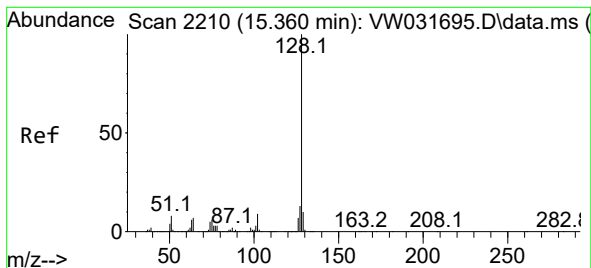


#70
1,2,4-trichlorobenzene
Concen: 102.64 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



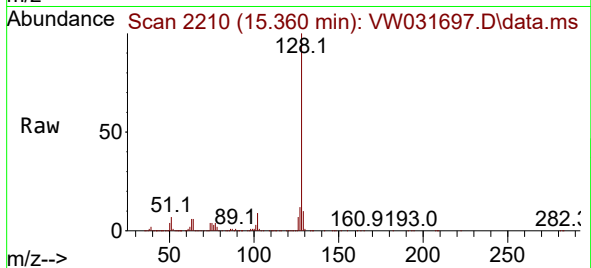
Tgt Ion:180 Resp: 430167
Ion Ratio Lower Upper
180 100
182 92.5 75.7 113.5
145 33.4 26.7 40.1





#71
Naphthalene
Concen: 105.79 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22

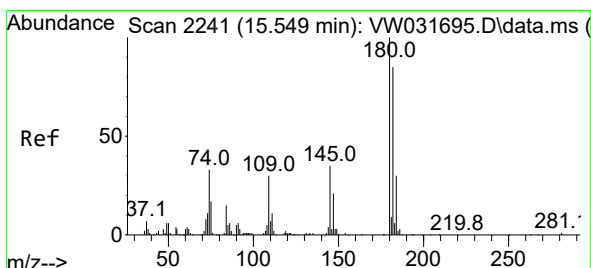
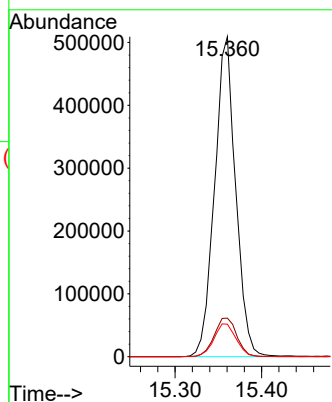
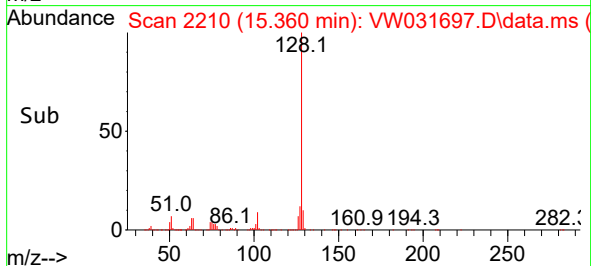
Instrument :
MSVOA_W
ClientSampleId :
VSTD100468



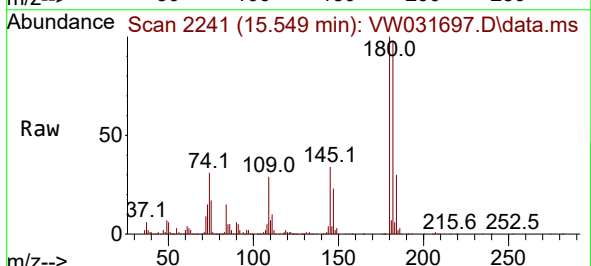
Tgt Ion:128 Resp: 859700
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.9 8.6 12.8

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: 101.73 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW031697.D
Acq: 08 May 2025 12:22



Tgt Ion:180 Resp: 346300
Ion Ratio Lower Upper
180 100
182 96.7 77.3 115.9
145 34.9 28.6 43.0

