

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060625\
 Data File : VV038760.D
 Acq On : 06 Jun 2025 10:55
 Operator : SY/MD
 Sample : Q2117-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2025-04

Quant Time: Jun 13 10:57:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 13 10:50:34 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	219134	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	232144	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	97656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	132639	4.323	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	86.400%		
7) Chloroethane-d5	1.542	69	100849	4.644	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	92.800%		
11) 1,1-Dichloroethene-d2	2.066	65	51098	4.113	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	82.200%		
20) 2-Butanone-d5	3.789	46	192476	48.780	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	97.560%		
24) Chloroform-d	4.249	84	204376	4.679	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.600%		
26) 1,2-Dichloroethane-d4	4.940	65	99860	5.018	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.400%		
32) Benzene-d6	4.957	84	370511	4.437	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	88.800%		
36) 1,2-Dichloropropane-d6	5.982	67	126738	4.880	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	97.600%		
41) Toluene-d8	7.236	98	280519	3.853	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	77.000%		
43) trans-1,3-Dichloroprop...	7.551	79	38826	4.314	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	86.200%		
46) 2-Hexanone-d5	8.014	63	139122	45.968	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	91.940%		
56) 1,1,2,2-Tetrachloroeth...	10.143	84	83925	4.445	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	89.000%		
66) 1,2-Dichlorobenzene-d4	11.551	152	89432	4.952	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	99.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.117	85	7534	0.257	ug/L	94
5) Vinyl chloride	1.291	62	7943	0.248	ug/L #	78
6) Bromomethane	1.497	94	3858	0.241	ug/L	85
8) Chloroethane	1.555	64	5207	0.269	ug/L	100
9) Trichlorofluoromethane	1.722	101	10603	0.254	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	7493	0.315	ug/L #	84
12) 1,1-Dichloroethene	2.072	96	7259	0.324	ug/L #	1
14) Carbon disulfide	2.246	76	18118	0.238	ug/L #	94
15) Methyl Acetate	2.404	43	2150m	0.258	ug/L	
16) Methylene chloride	2.455	84	6322	0.251	ug/L	88
17) Methyl tert-butyl Ether	2.709	73	8279	0.203	ug/L	93
18) trans-1,2-Dichloroethene	2.706	96	5065	0.227	ug/L	90
19) 1,1-Dichloroethane	3.117	63	10360	0.232	ug/L	95
21) 2-Butanone	3.934	43	12993m	2.969	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	5793m	0.261	ug/L	
23) Bromochloromethane	4.169	128	2318m	0.231	ug/L	
25) Chloroform	4.272	83	12816	0.289	ug/L	95
27) 1,2-Dichloroethane	5.059	62	6989m	0.281	ug/L	
29) 1,1,1-Trichloroethane	4.516	97	9025	0.232	ug/L #	84

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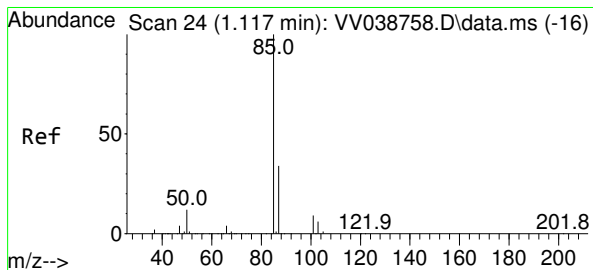
Manual Integrations
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Reviewed By :Amit Patel 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025

Quant Time: Jun 13 10:57:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.584	56	7981	0.221	ug/L #	68
31) Carbon tetrachloride	4.731	117	7172	0.209	ug/L	90
33) Benzene	5.014	78	21346m	0.234	ug/L	
34) Trichloroethene	5.850	95	5599m	0.241	ug/L	
35) Methylcyclohexane	6.040	83	8123	0.221	ug/L #	91
37) 1,2-Dichloropropane	6.095	63	4963m	0.206	ug/L	
38) Bromodichloromethane	6.442	83	7064	0.225	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	6884m	0.215	ug/L	
40) 4-Methyl-2-pentanone	7.162	43	16608	1.508	ug/L #	85
42) Toluene	7.320	91	17878	0.193	ug/L	84
44) trans-1,3-Dichloropropene	7.590	75	5690	0.211	ug/L	84
45) 1,1,2-Trichloroethane	7.776	97	3873	0.227	ug/L	92
47) Tetrachloroethene	7.905	164	3636	0.202	ug/L	85
49) Dibromochloromethane	8.178	129	4878	0.257	ug/L	94
50) 1,2-Dibromoethane	8.291	107	3382	0.228	ug/L #	97
51) Chlorobenzene	8.812	112	12511	0.208	ug/L	94
52) Ethylbenzene	8.947	91	17750	0.188	ug/L	89
53) m,p-Xylene	9.079	106	6152	0.172	ug/L	81
54) o-Xylene	9.477	106	5296	0.156	ug/L	96
55) Styrene	9.506	104	9231m	0.159	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.172	83	5096	0.260	ug/L #	93
59) Bromoform	9.667	173	2228	0.291	ug/L #	57
60) Isopropylbenzene	9.863	105	14563	0.201	ug/L #	95
61) 1,2,3-Trichloropropane	10.204	75	2669	0.257	ug/L	94
62) 1,3,5-Trimethylbenzene	10.471	105	10516	0.189	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	9925	0.178	ug/L	95
64) 1,3-Dichlorobenzene	11.117	146	7664	0.220	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	8844	0.241	ug/L	97
67) 1,2-Dichlorobenzene	11.570	146	8233	0.257	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.368	75	758m	0.342	ug/L	
69) 1,3,5-Trichlorobenzene	12.580	180	4875	0.215	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	3976	0.223	ug/L	93
71) Naphthalene	13.445	128	5086	0.177	ug/L	96
72) 1,2,3-Trichlorobenzene	13.673	180	3533	0.217	ug/L	93

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



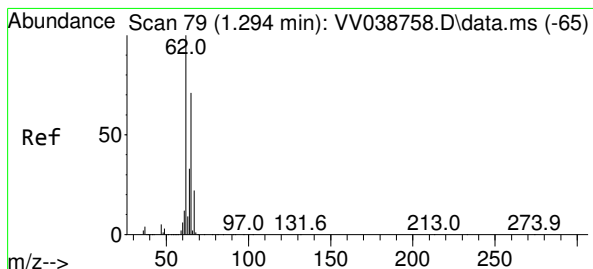
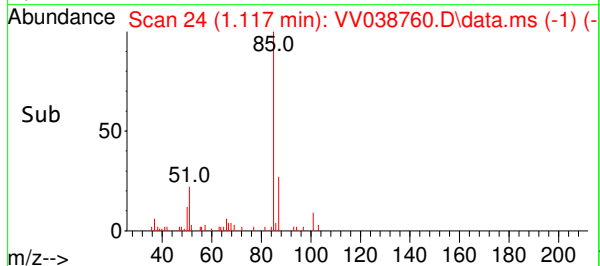
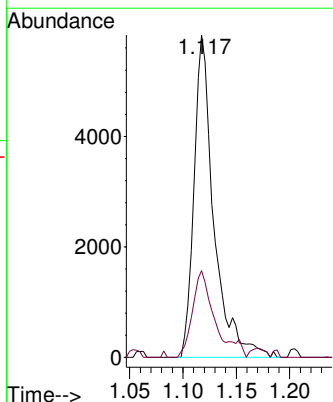
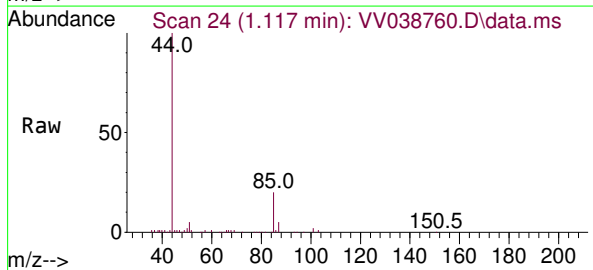
#2
Dichlorodifluoromethane
Concen: 0.257 ug/L
RT: 1.117 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-04

Tgt Ion: 85 Resp: 753
Ion Ratio Lower Upper
85 100
87 28.3 25.5 38.3

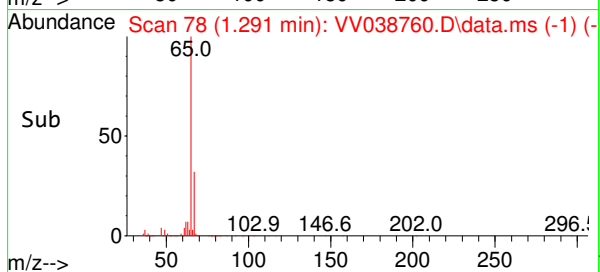
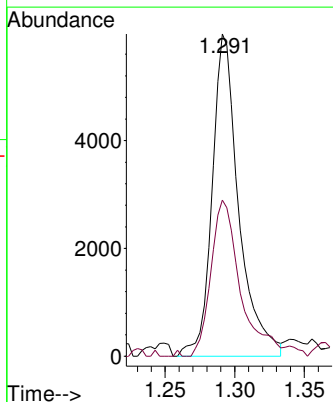
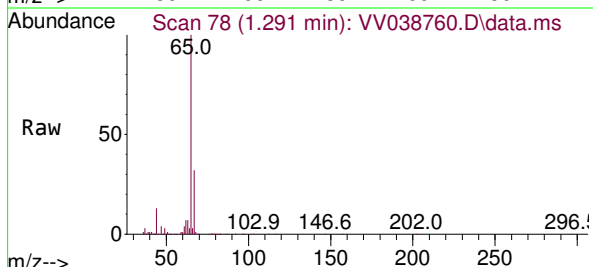
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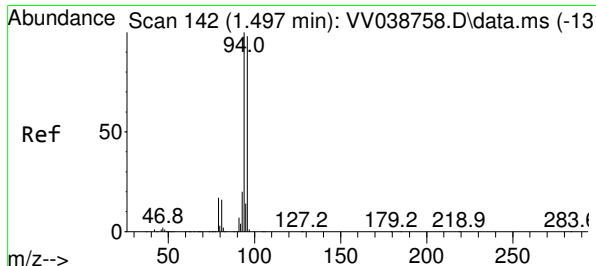
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#5
Vinyl chloride
Concen: 0.248 ug/L
RT: 1.291 min Scan# 78
Delta R.T. -0.003 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion: 62 Resp: 7943
Ion Ratio Lower Upper
62 100
64 48.4 25.0 46.4#





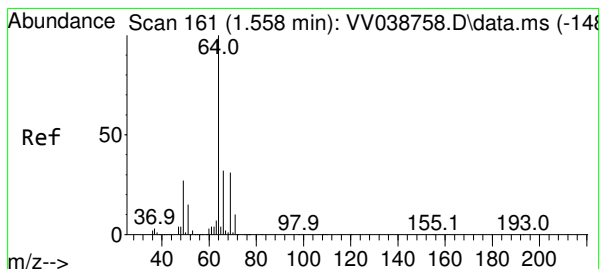
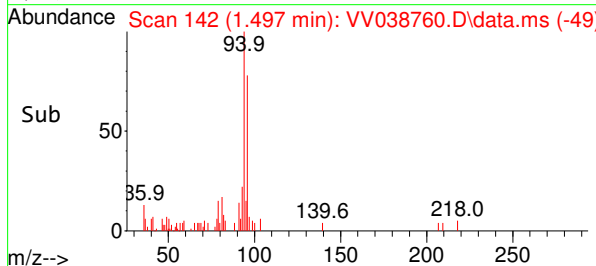
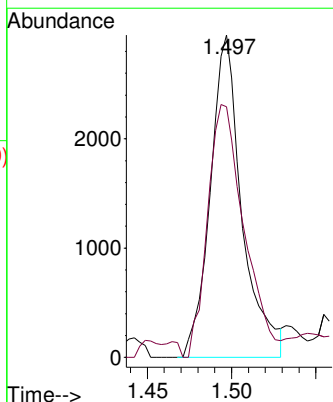
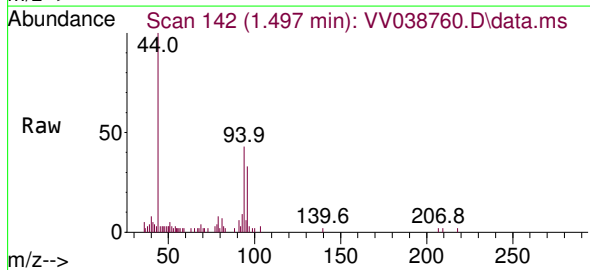
#6
Bromomethane
Concen: 0.241 ug/L
RT: 1.497 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-04

Tgt Ion: 94 Resp: 385
Ion Ratio Lower Upper
94 100
96 77.7 64.3 119.3

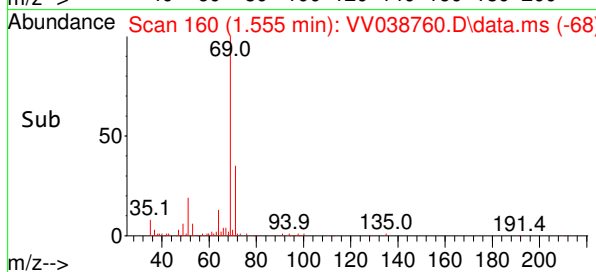
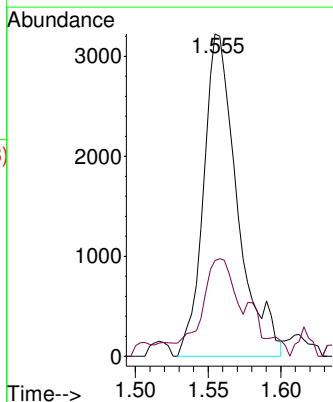
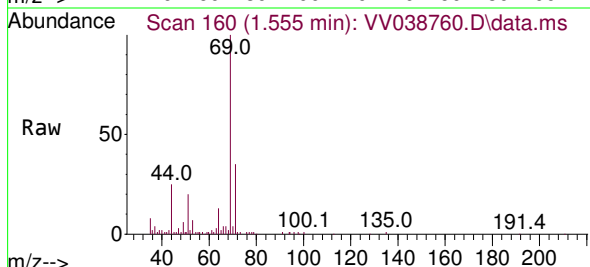
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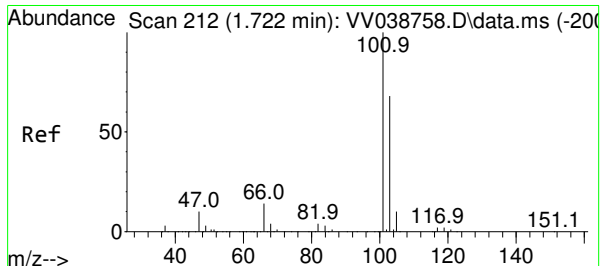
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#8
Chloroethane
Concen: 0.269 ug/L
RT: 1.555 min Scan# 160
Delta R.T. -0.003 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion: 64 Resp: 5207
Ion Ratio Lower Upper
64 100
66 29.7 20.9 38.7





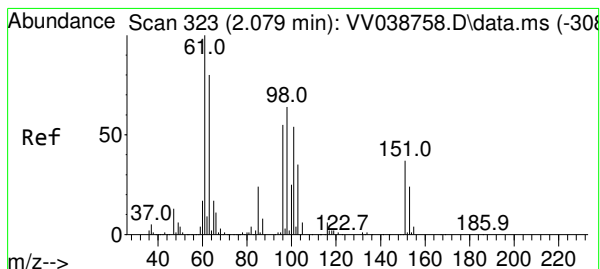
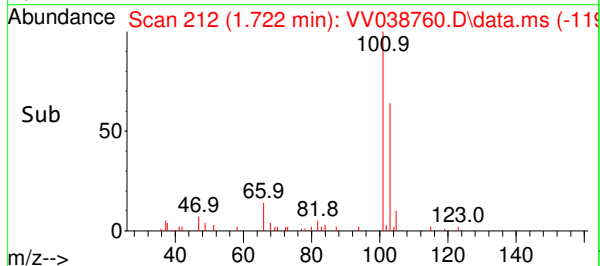
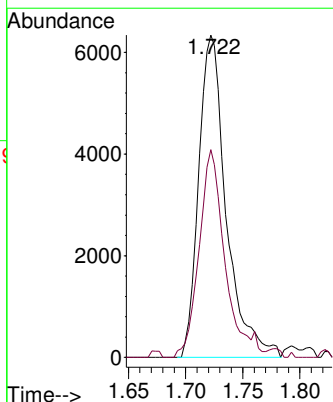
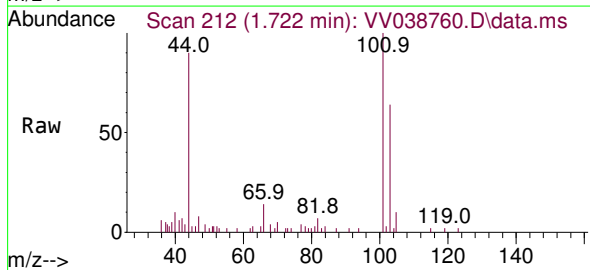
#9
Trichlorofluoromethane
Concen: 0.254 ug/L
RT: 1.722 min Scan# 212
Delta R.T. -0.000 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-04

Tgt Ion:101 Resp: 1066
Ion Ratio Lower Upper
101 100
103 60.8 52.4 78.6

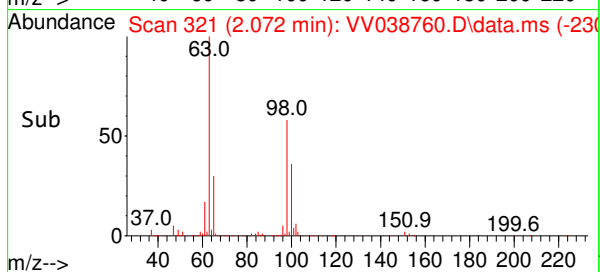
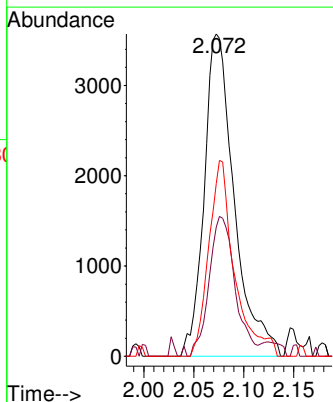
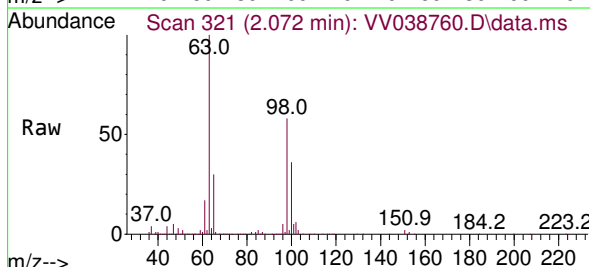
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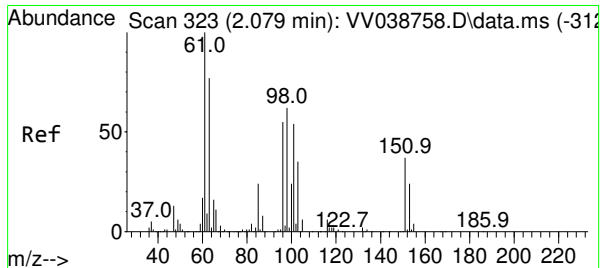
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.315 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.006 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion:101 Resp: 7493
Ion Ratio Lower Upper
101 100
85 37.6 35.0 52.4
151 51.9 55.1 82.7#





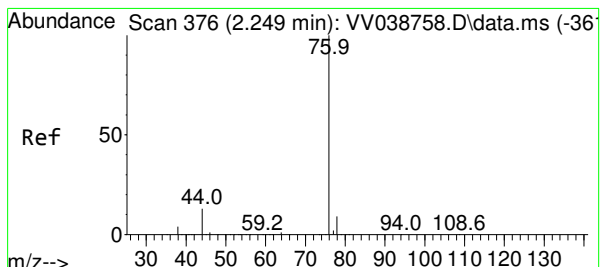
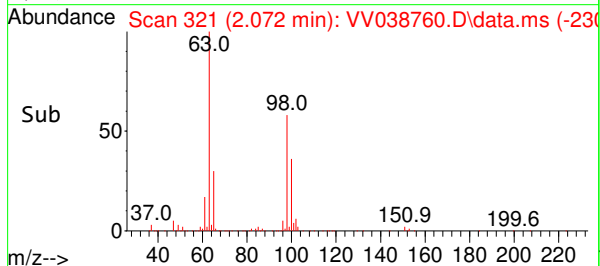
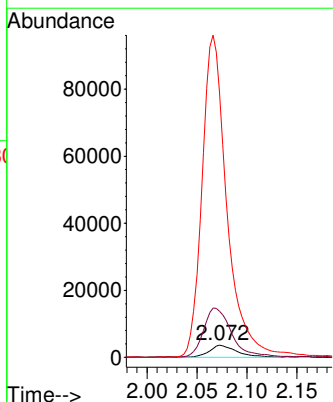
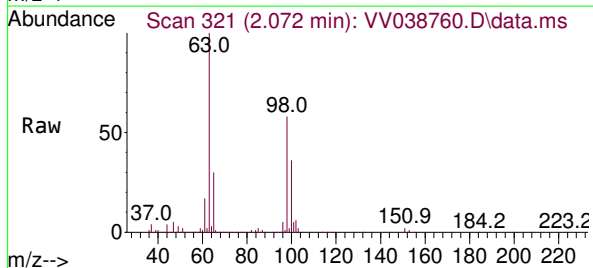
#12
1,1-Dichloroethene
Concen: 0.324 ug/L
RT: 2.072 min Scan# 312
Delta R.T. -0.006 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId : VV038760.D
MDL-WATER-QT2-2025-04

Tgt Ion: 96 Resp: 725
Ion Ratio Lower Upper
96 100
61 374.0 122.8 228.1
63 2153.9 92.0 170.0

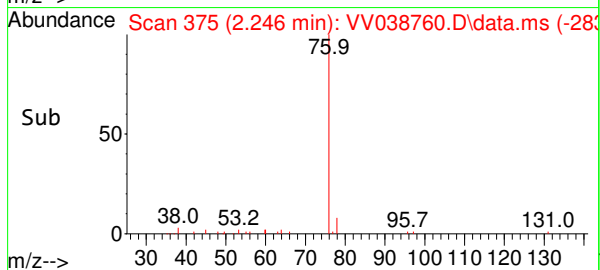
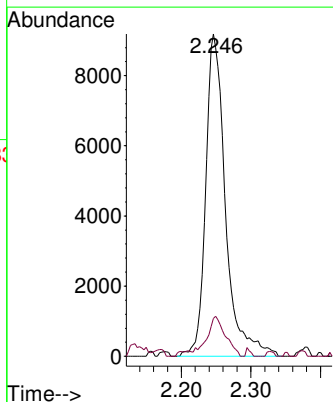
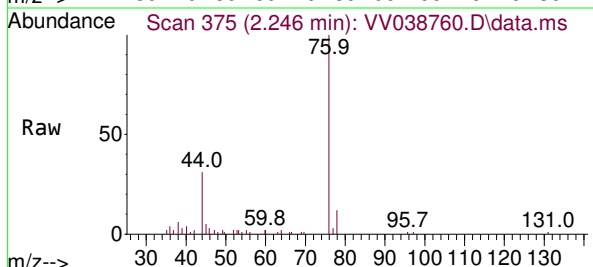
Manual Integrations
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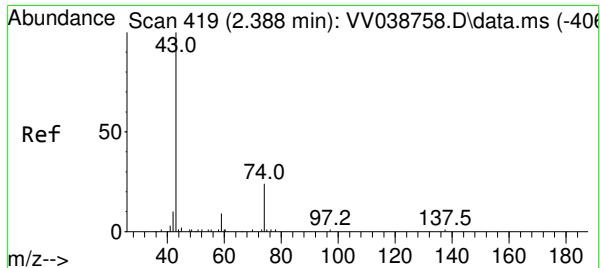
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#14
Carbon disulfide
Concen: 0.238 ug/L
RT: 2.246 min Scan# 375
Delta R.T. -0.003 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion: 76 Resp: 18118
Ion Ratio Lower Upper
76 100
78 11.7 7.5 11.3#





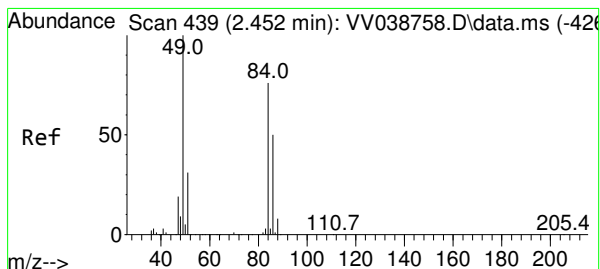
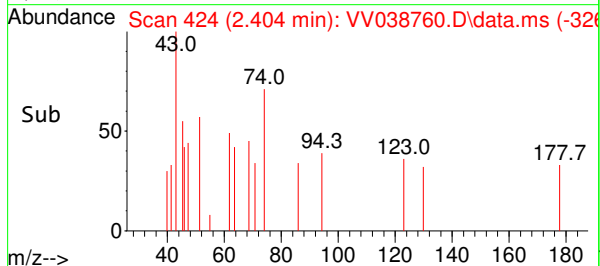
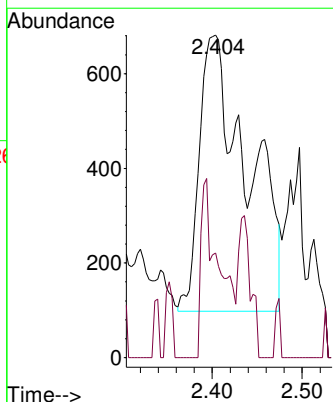
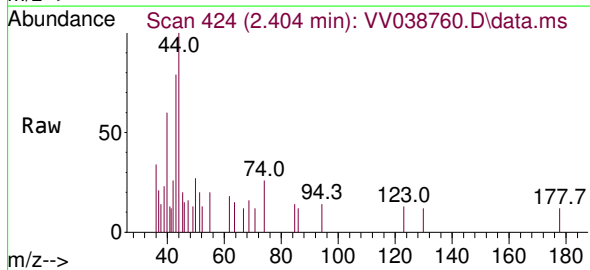
#15
Methyl Acetate
Concen: 0.258 ug/L m
RT: 2.404 min Scan# 419
Delta R.T. 0.016 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId : VV038760.D
MDL-WATER-QT2-2025-04

Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
74 25.0 18.6 27.8

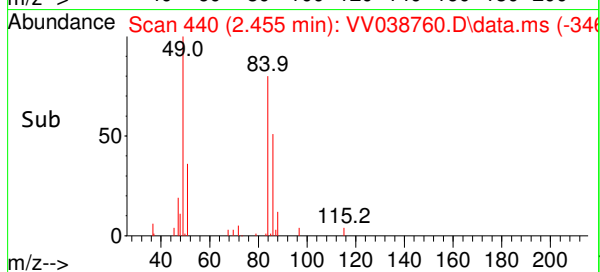
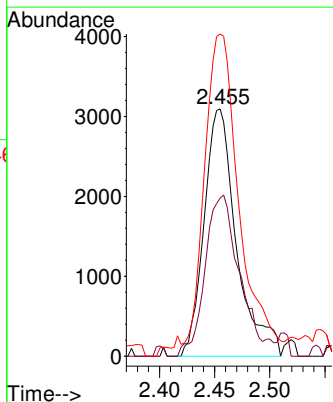
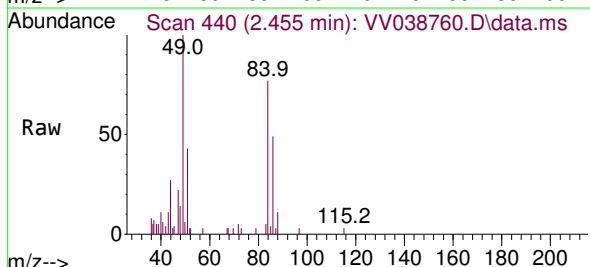
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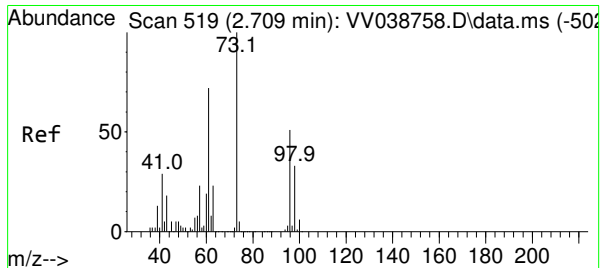
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#16
Methylene chloride
Concen: 0.251 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion: 84 Resp: 6322
Ion Ratio Lower Upper
84 100
86 64.0 46.0 85.4
49 138.7 83.9 155.9





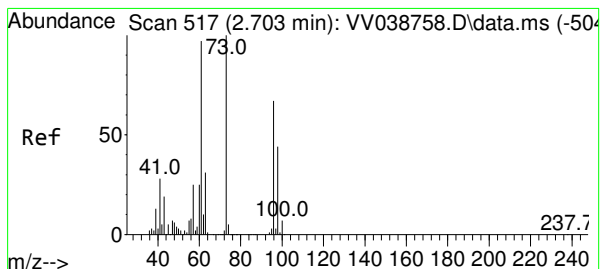
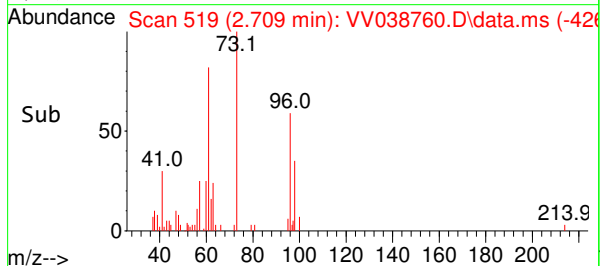
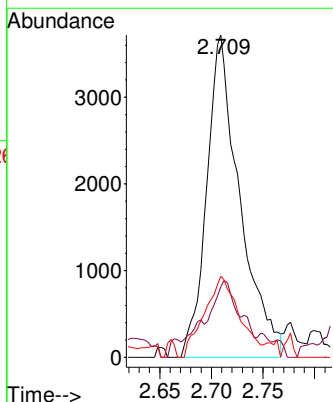
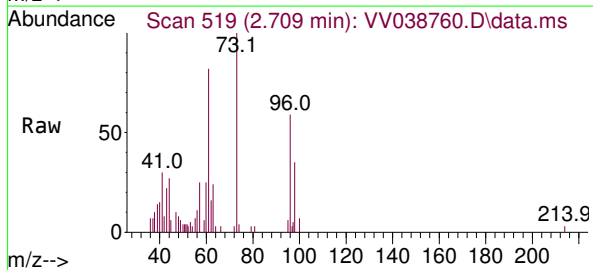
#17
Methyl tert-butyl Ether
Concen: 0.203 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-04

Tgt Ion: 73 Resp: 827
Ion Ratio Lower Upper
73 100
43 16.4 14.6 22.6
57 26.7 18.2 27.2

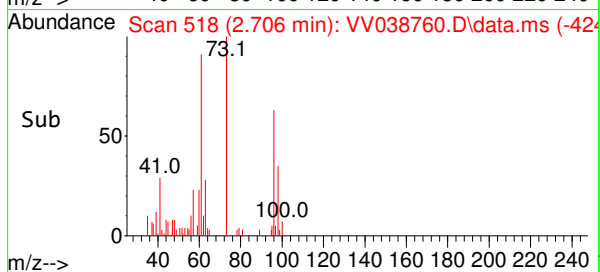
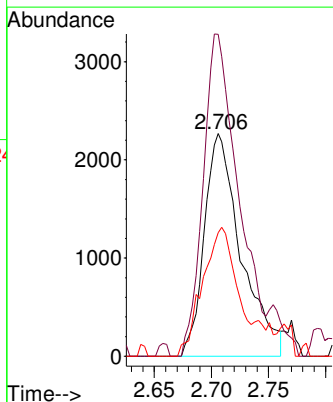
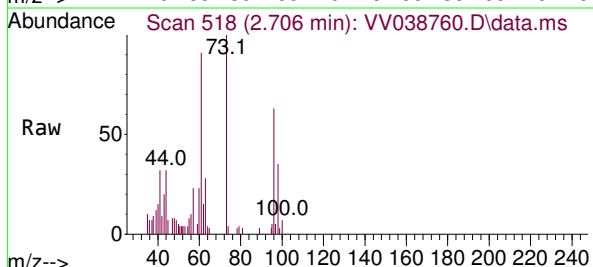
Manual Integrations
APPROVED

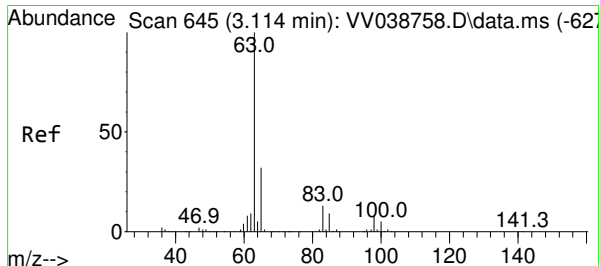
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#18
trans-1,2-Dichloroethene
Concen: 0.227 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion: 96 Resp: 5065
Ion Ratio Lower Upper
96 100
61 144.4 91.4 169.8
98 55.4 41.6 77.2





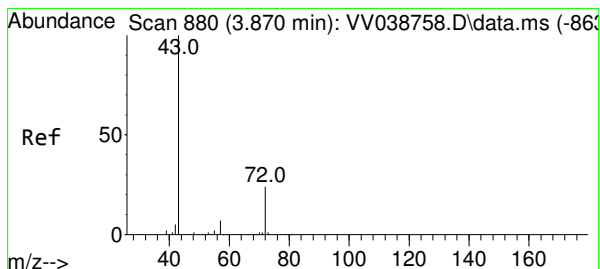
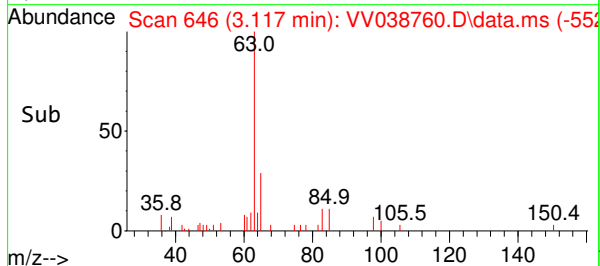
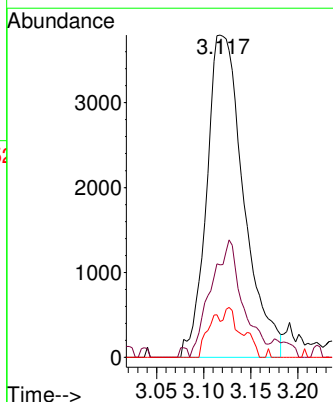
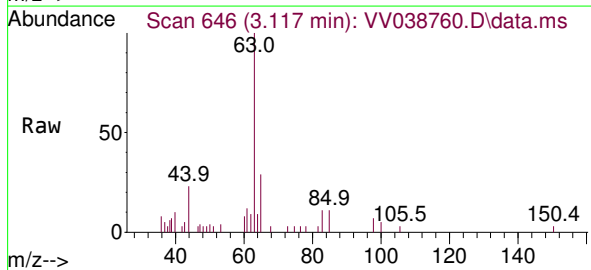
#19
1,1-Dichloroethane
Concen: 0.232 ug/L
RT: 3.117 min Scan# 619
Delta R.T. 0.003 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId : VV038760.D
MDL-WATER-QT2-2025-04

Tgt Ion:	63	Resp:	1036
Ion	Ratio	Lower	Upper
63	100		
65	28.8	21.8	40.4
83	11.1	9.2	17.2

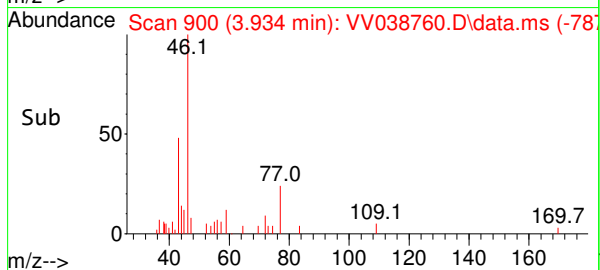
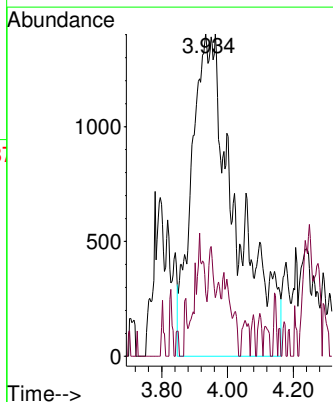
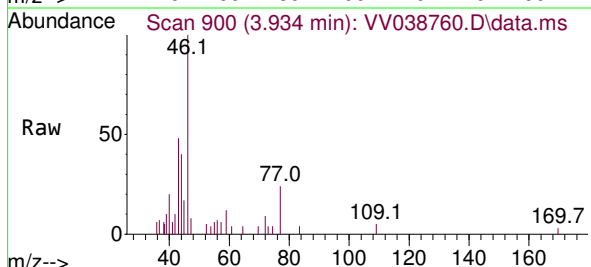
Manual Integrations
APPROVED

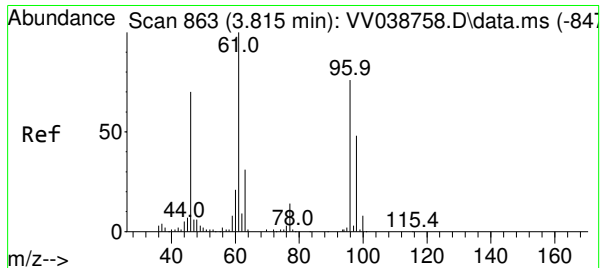
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#21
2-Butanone
Concen: 2.969 ug/L m
RT: 3.934 min Scan# 900
Delta R.T. 0.064 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion:	43	Resp:	12993
Ion	Ratio	Lower	Upper
43	100		
72	0.8	11.9	35.5#





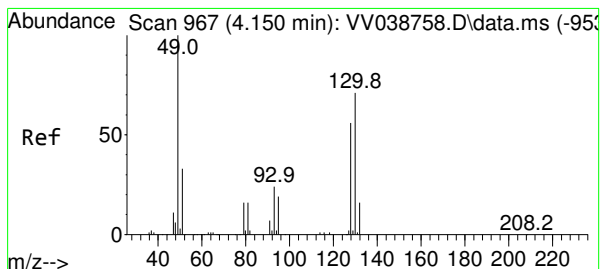
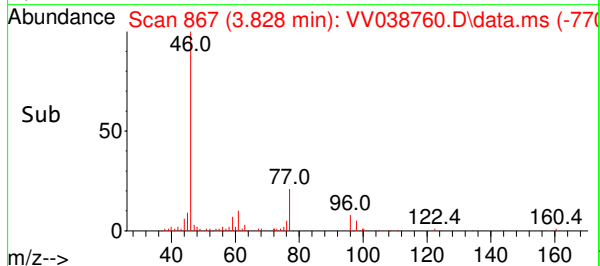
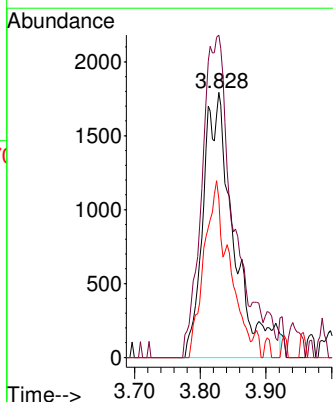
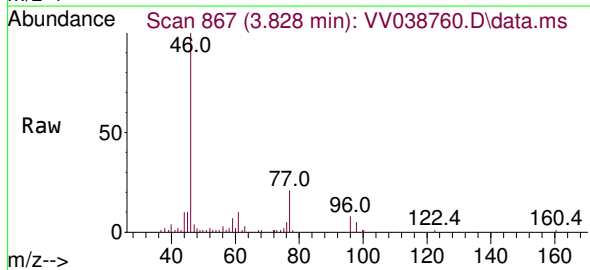
#22
 cis-1,2-Dichloroethene
 Concen: 0.261 ug/L m
 RT: 3.828 min Scan# 863
 Delta R.T. 0.013 min
 Lab File: VV038760.D
 Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2025-04

Tgt Ion: 96 Resp: 579
 Ion Ratio Lower Upper
 96 100
 61 121.6 83.6 155.2
 98 59.8 45.6 84.8

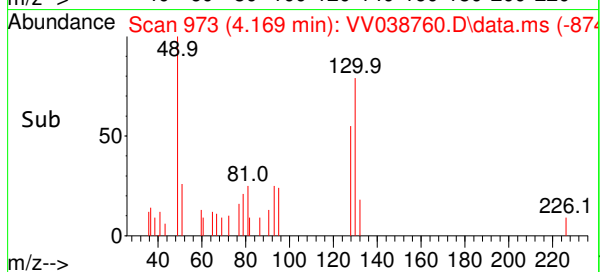
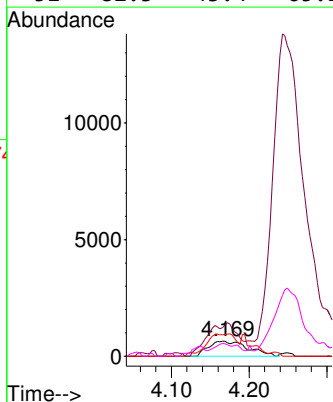
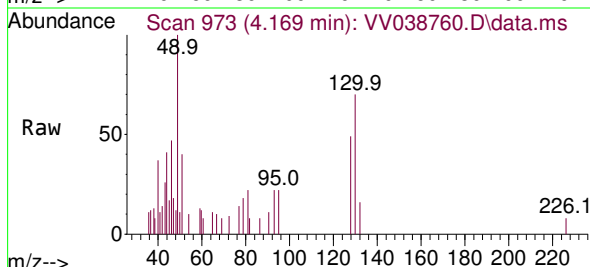
Manual Integrations
 APPROVED

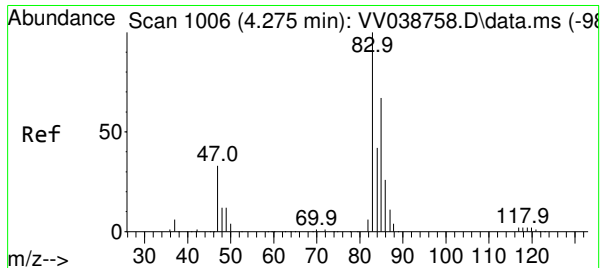
Reviewed By :Amit Patel 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#23
 Bromochloromethane
 Concen: 0.231 ug/L m
 RT: 4.169 min Scan# 973
 Delta R.T. 0.019 min
 Lab File: VV038760.D
 Acq: 06 Jun 2025 10:55

Tgt Ion:128 Resp: 2318
 Ion Ratio Lower Upper
 128 100
 49 206.2 116.0 215.4
 130 144.1 90.2 167.6
 51 82.3 43.4 65.2#





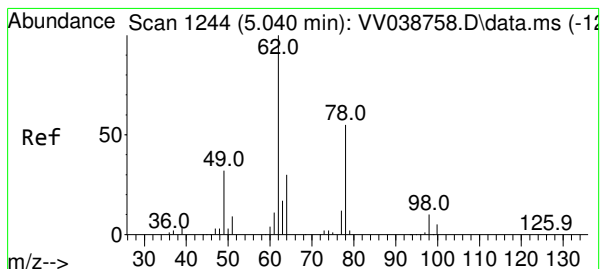
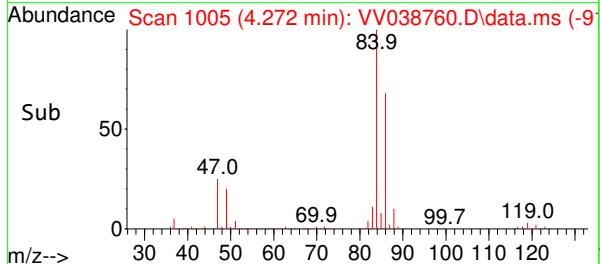
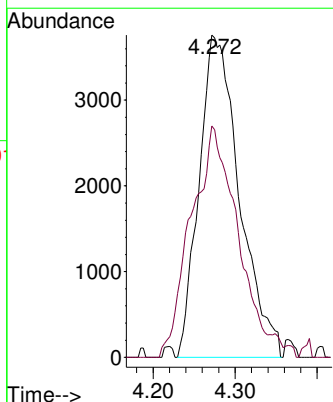
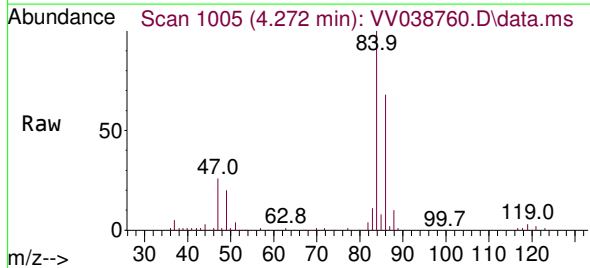
#25
Chloroform
Concen: 0.289 ug/L
RT: 4.272 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-04

Tgt Ion: 83 Resp: 1281
Ion Ratio Lower Upper
83 100
85 71.7 47.2 87.6

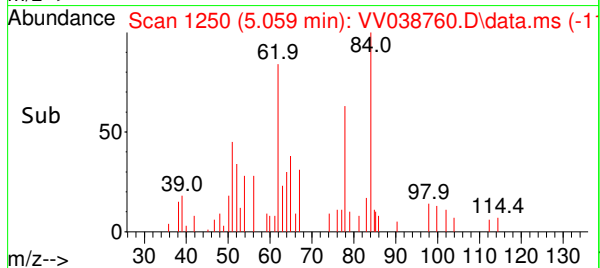
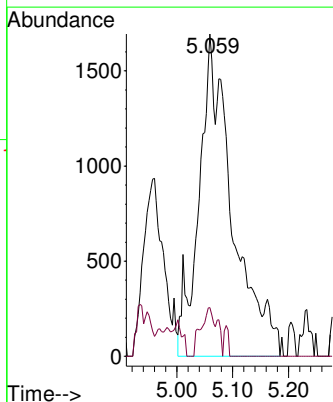
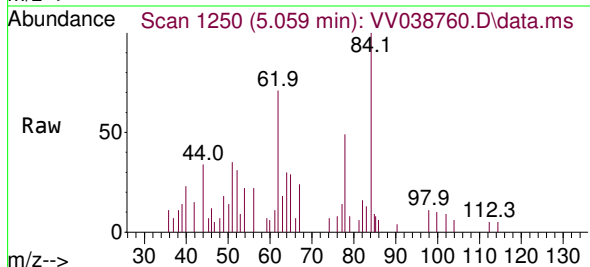
Manual Integrations
APPROVED

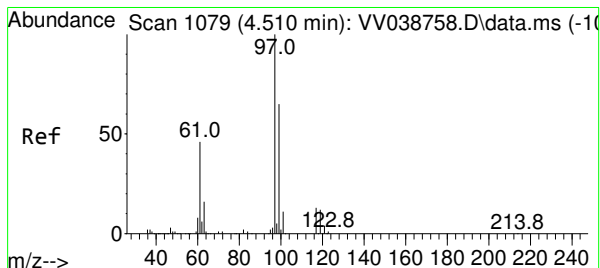
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#27
1,2-Dichloroethane
Concen: 0.281 ug/L m
RT: 5.059 min Scan# 1250
Delta R.T. 0.019 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion: 62 Resp: 6989
Ion Ratio Lower Upper
62 100
98 15.1 7.7 11.5#





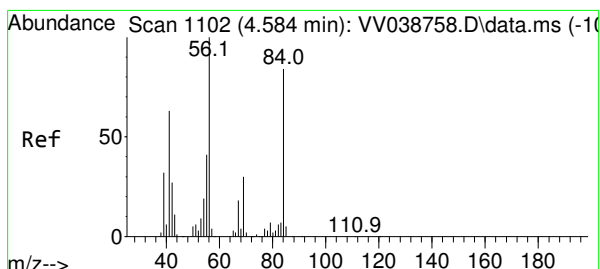
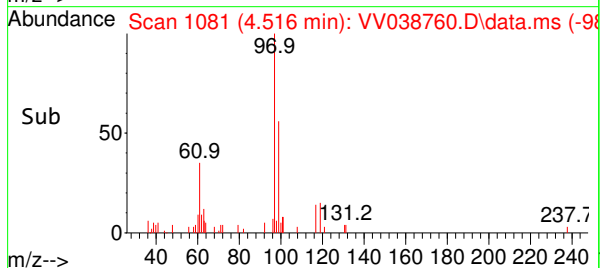
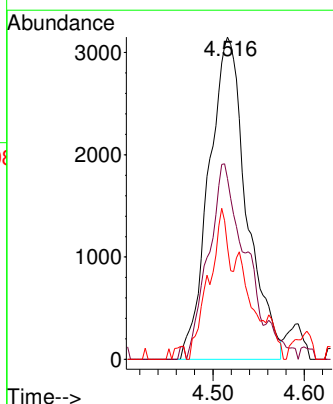
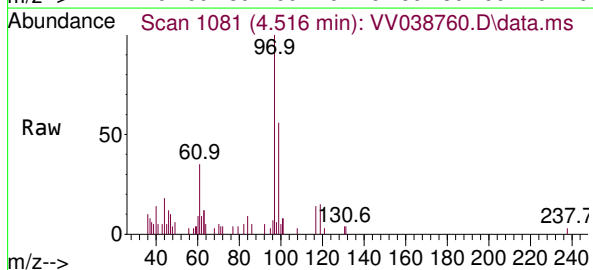
#29
1,1,1-Trichloroethane
Concen: 0.232 ug/L
RT: 4.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-04

Tgt Ion:	97	Resp:	902
Ion	Ratio	Lower	Upper
97	100		
99	57.8	50.9	76.3
61	26.3	35.8	53.6

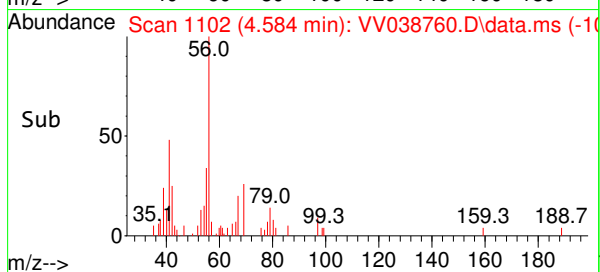
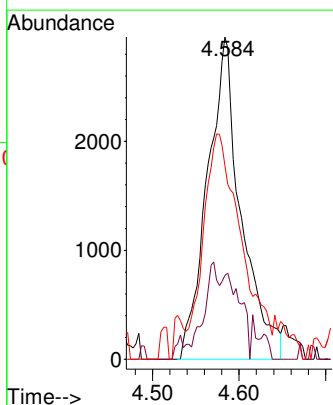
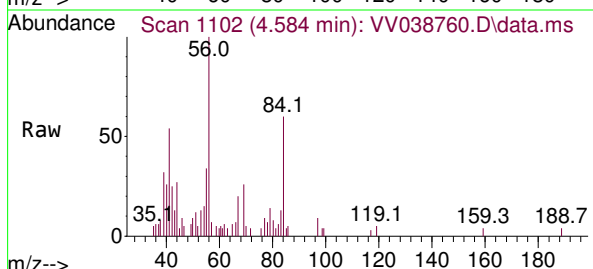
Manual Integrations
APPROVED

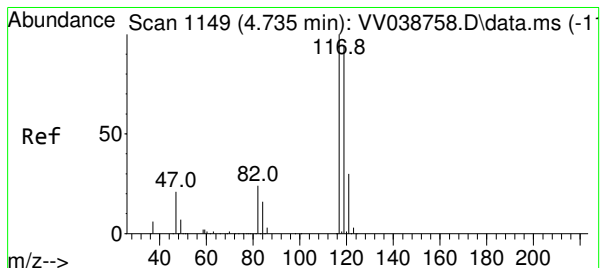
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#30
Cyclohexane
Concen: 0.221 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion:	56	Resp:	7981
Ion	Ratio	Lower	Upper
56	100		
69	9.7	24.0	36.0#
84	62.6	72.7	109.1#





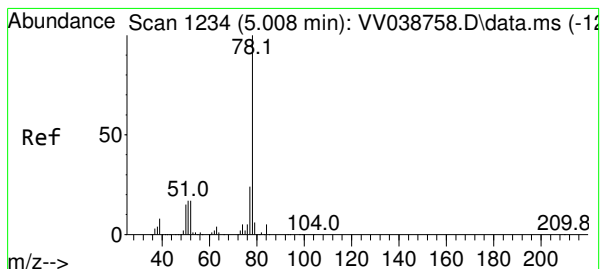
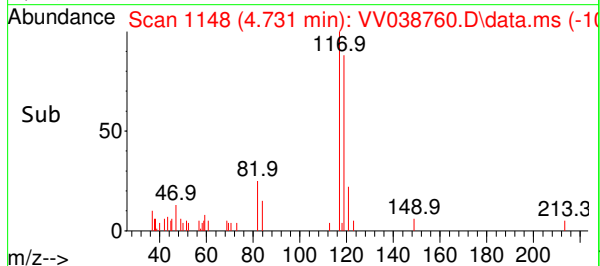
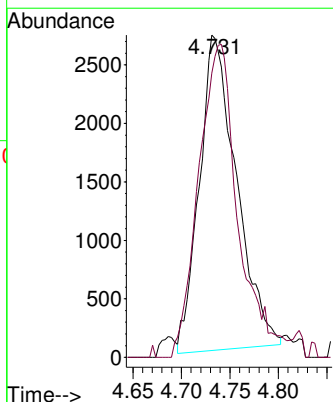
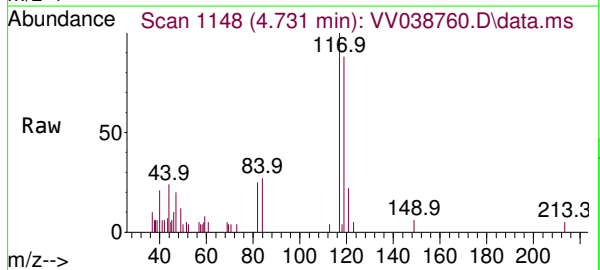
#31
Carbon tetrachloride
Concen: 0.209 ug/L
RT: 4.731 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-04

Tgt Ion:117 Resp: 717
Ion Ratio Lower Upper
117 100
119 105.4 76.5 114.7

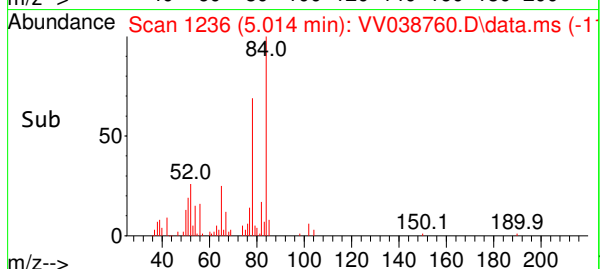
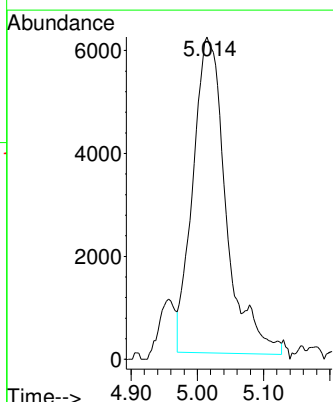
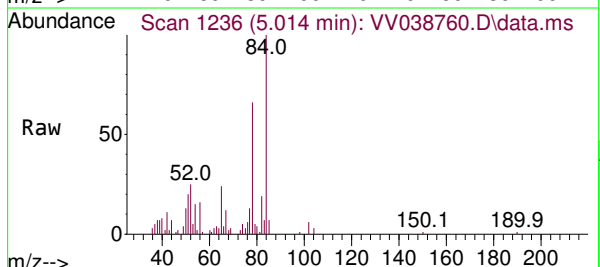
Manual Integrations
APPROVED

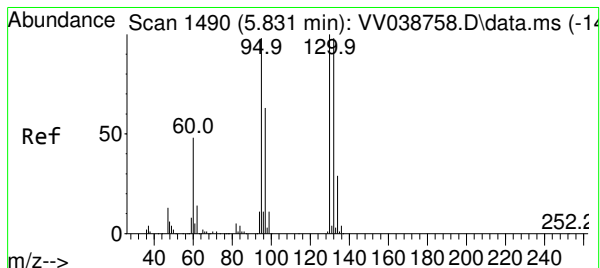
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#33
Benzene
Concen: 0.234 ug/L m
RT: 5.014 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

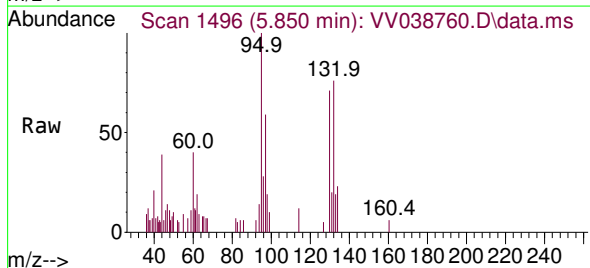
Tgt Ion: 78 Resp: 21346





#34
Trichloroethene
Concen: 0.241 ug/L m
RT: 5.850 min Scan# 1
Delta R.T. 0.019 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

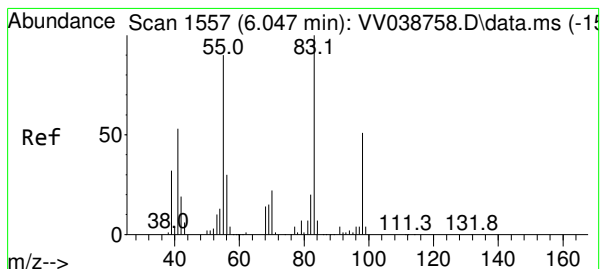
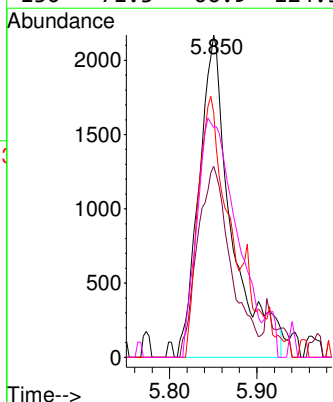
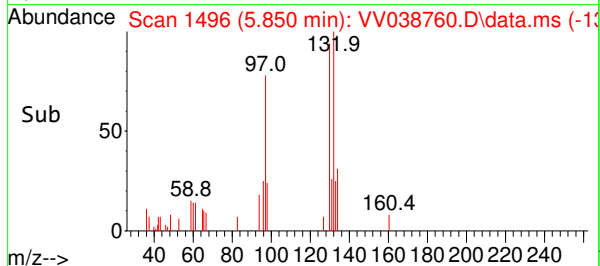
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-04



Tgt Ion: 95 Resp: 559
Ion Ratio Lower Upper
95 100
97 59.3 43.5 80.9
132 75.8 64.0 118.8
130 71.3 66.9 124.3

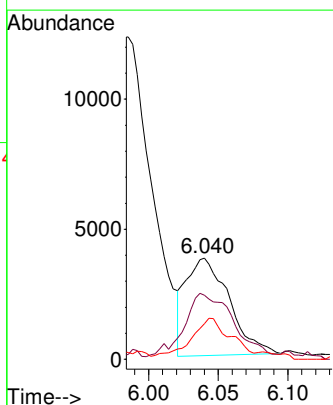
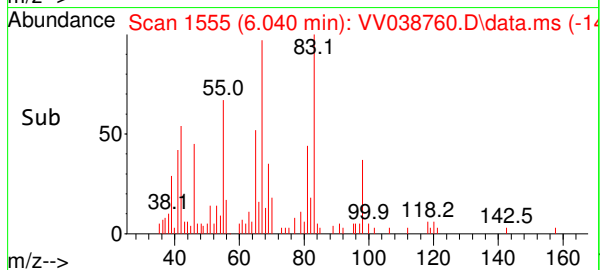
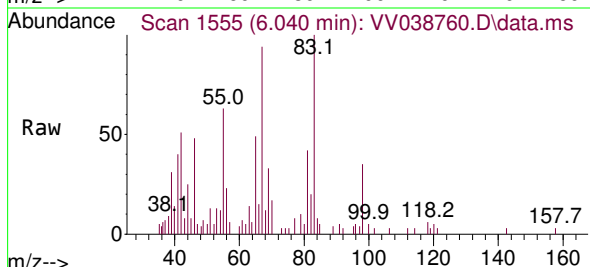
Manual Integrations
APPROVED

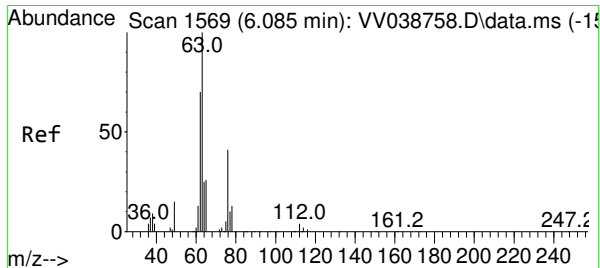
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#35
Methylcyclohexane
Concen: 0.221 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

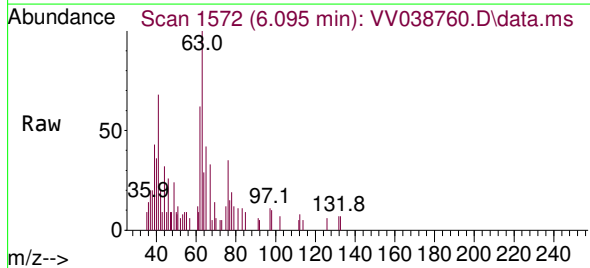
Tgt Ion: 83 Resp: 8123
Ion Ratio Lower Upper
83 100
55 80.1 62.6 94.0
98 34.3 38.7 58.1#





#37
1,2-Dichloropropane
Concen: 0.206 ug/L m
RT: 6.095 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

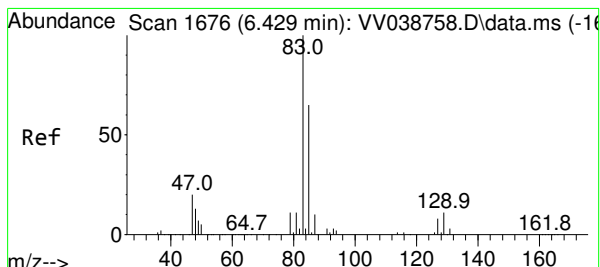
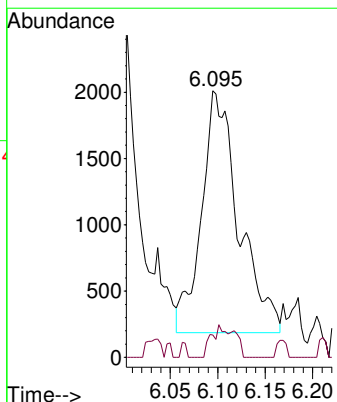
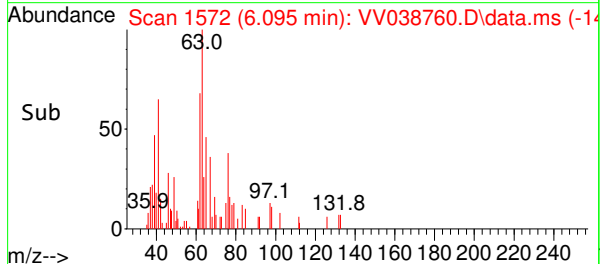
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-04



Tgt Ion: 63 Resp: 496
Ion Ratio Lower Upper
63 100
112 5.5 3.6 5.4

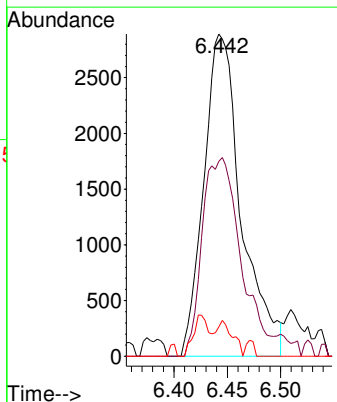
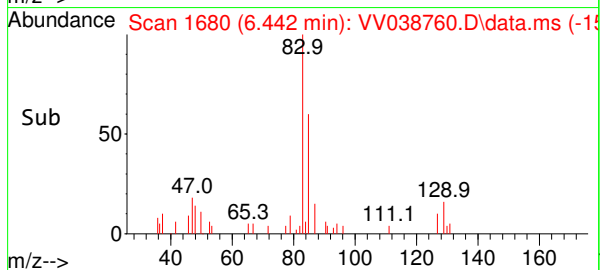
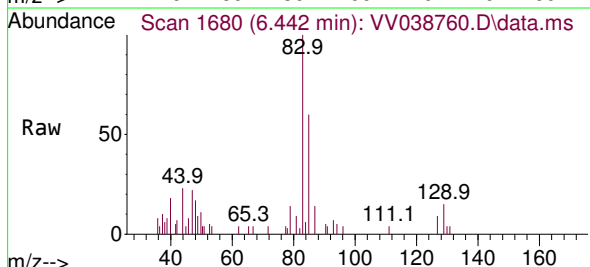
Manual Integrations
APPROVED

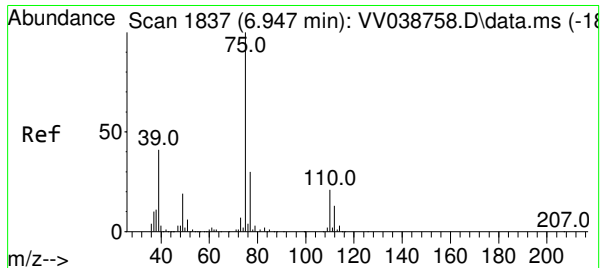
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#38
Bromodichloromethane
Concen: 0.225 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.013 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion: 83 Resp: 7064
Ion Ratio Lower Upper
83 100
85 60.5 44.0 81.6
127 9.2 6.2 9.4





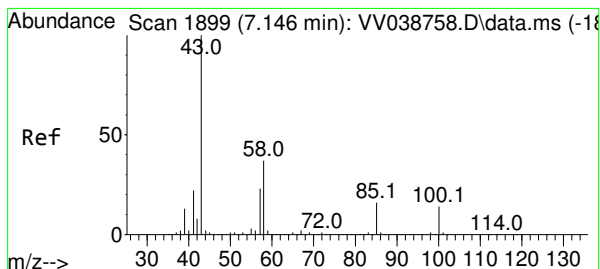
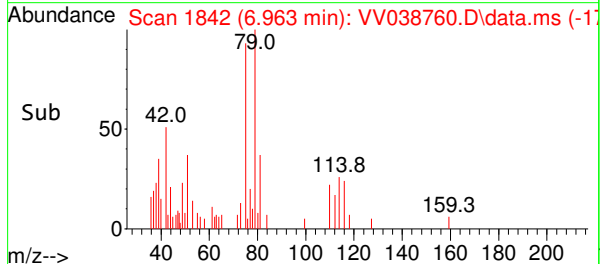
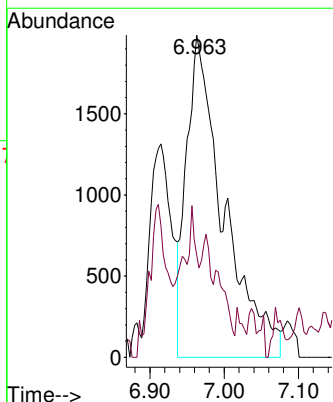
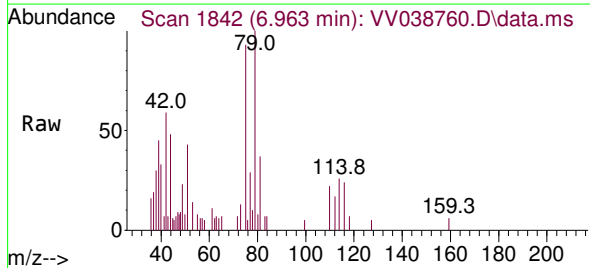
#39
 cis-1,3-Dichloropropene
 Concen: 0.215 ug/L m
 RT: 6.963 min Scan# 1
 Delta R.T. 0.016 min
 Lab File: VV038760.D
 Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2025-04

Tgt Ion: 75 Resp: 688
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.3 39.5

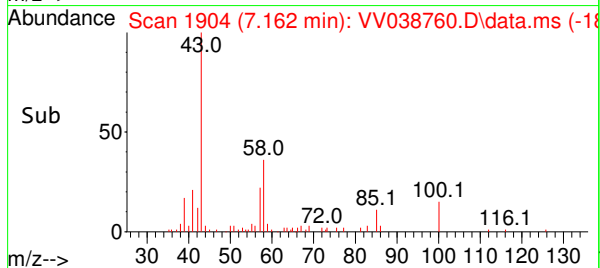
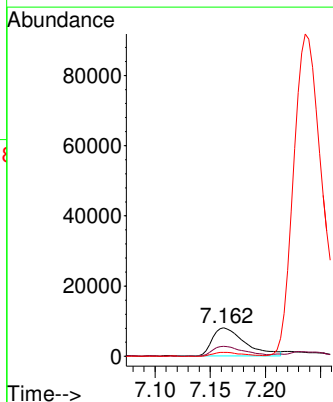
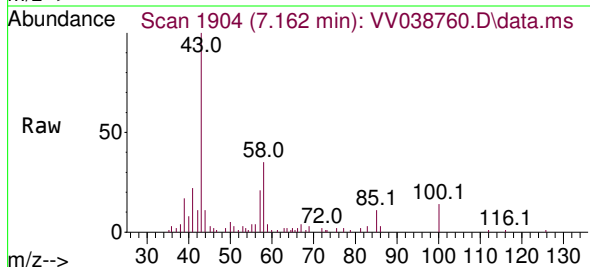
Manual Integrations
 APPROVED

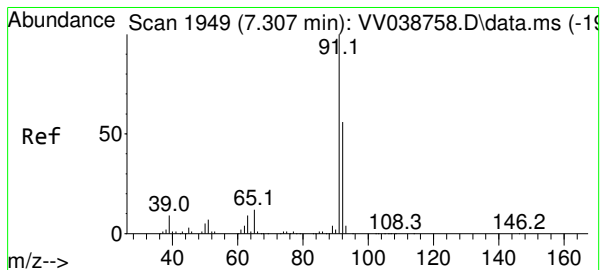
Reviewed By :Amit Patel 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#40
 4-Methyl-2-pentanone
 Concen: 1.508 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.016 min
 Lab File: VV038760.D
 Acq: 06 Jun 2025 10:55

Tgt Ion: 43 Resp: 16608
 Ion Ratio Lower Upper
 43 100
 58 35.0 31.1 46.7
 100 0.0 12.0 18.0#





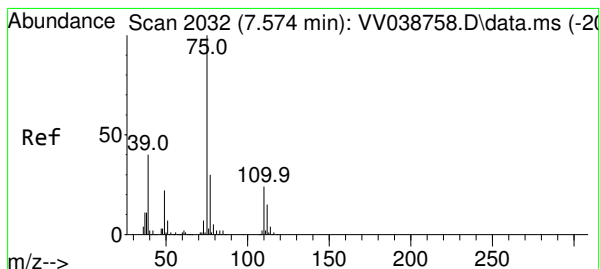
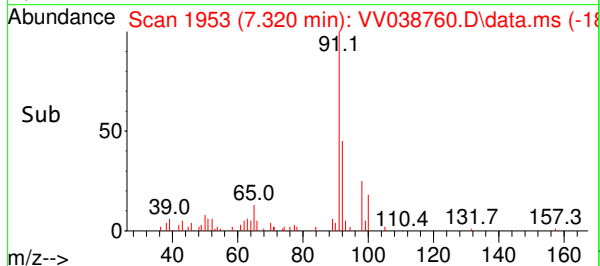
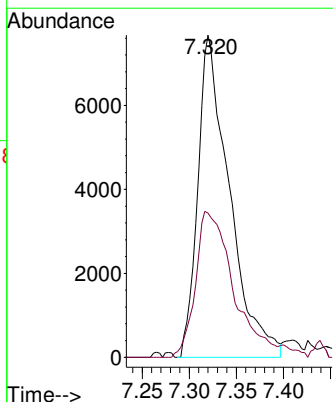
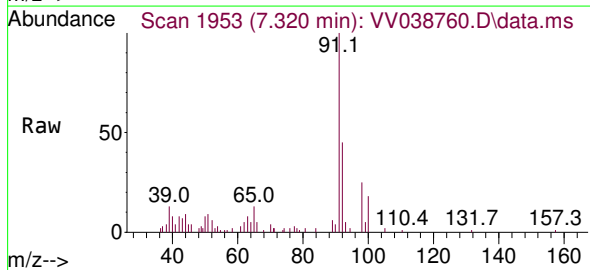
#42
Toluene
Concen: 0.193 ug/L
RT: 7.320 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-04

Tgt Ion: 91 Resp: 1787
Ion Ratio Lower Upper
91 100
92 44.7 39.3 72.9

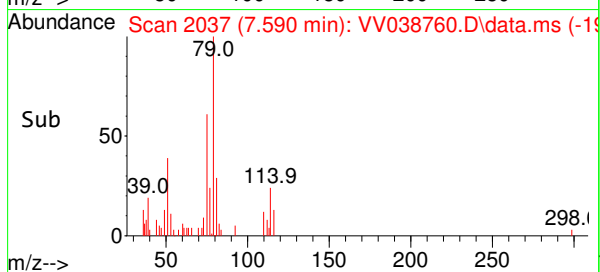
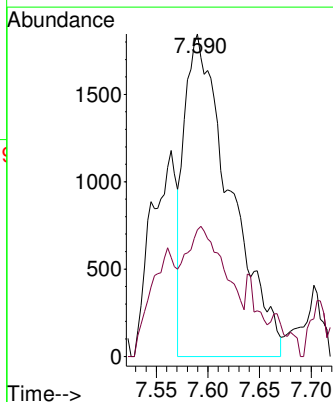
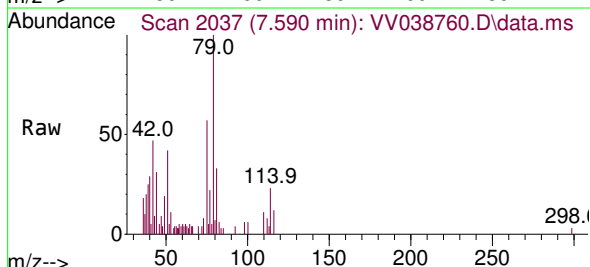
Manual Integrations
APPROVED

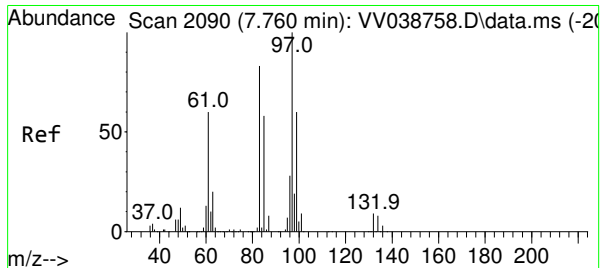
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#44
trans-1,3-Dichloropropene
Concen: 0.211 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.016 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion: 75 Resp: 5690
Ion Ratio Lower Upper
75 100
77 39.2 21.4 39.8





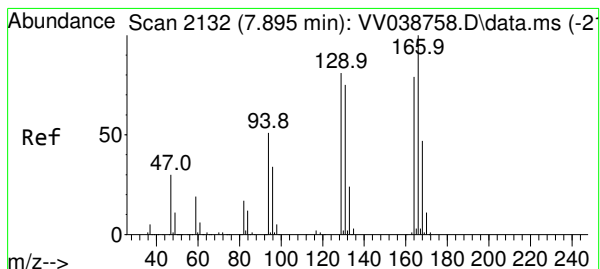
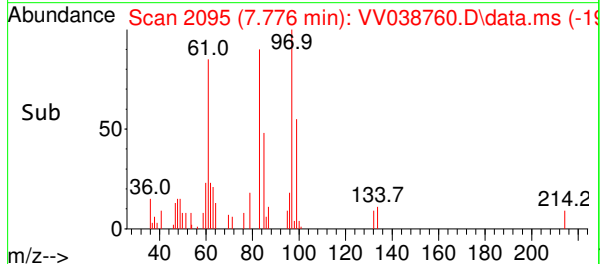
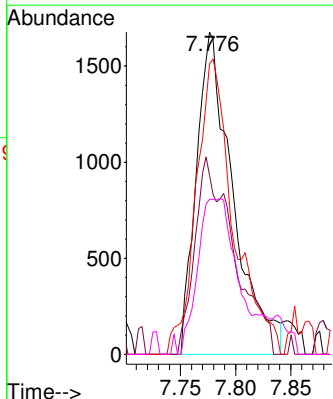
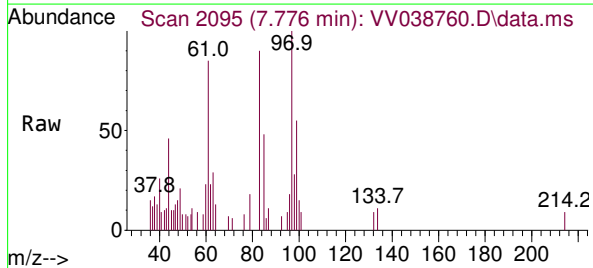
#45
1,1,2-Trichloroethane
Concen: 0.227 ug/L
RT: 7.776 min Scan# 2135
Delta R.T. 0.016 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-04

Tgt Ion:	97	Resp:	387
Ion	Ratio	Lower	Upper
97	100		
99	55.5	42.7	79.3
83	90.1	57.2	106.2
85	48.2	37.0	68.8

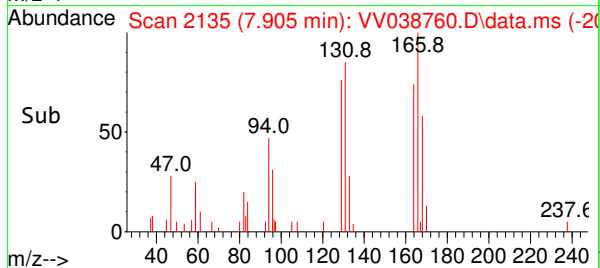
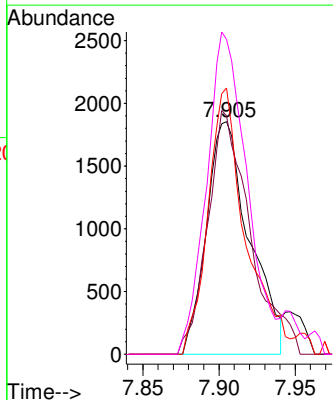
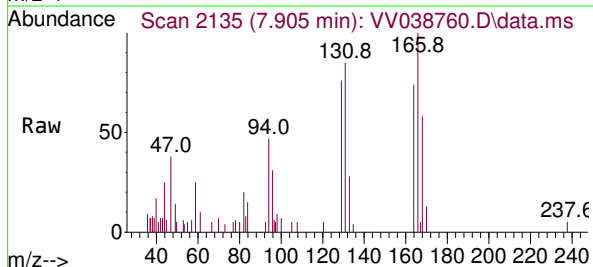
Manual Integrations
APPROVED

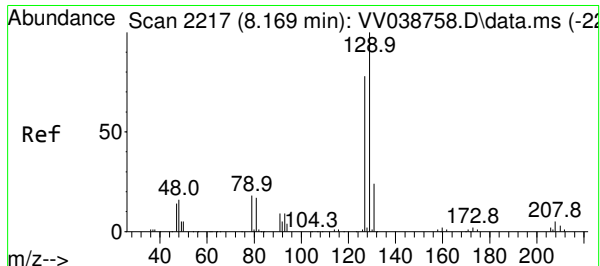
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#47
Tetrachloroethene
Concen: 0.202 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.010 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion:	164	Resp:	3636
Ion	Ratio	Lower	Upper
164	100		
129	102.4	66.3	123.1
131	114.4	63.2	117.4
166	135.3	85.4	158.6





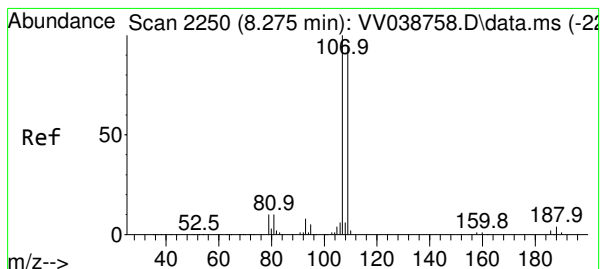
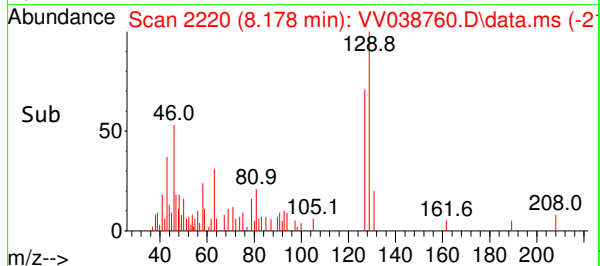
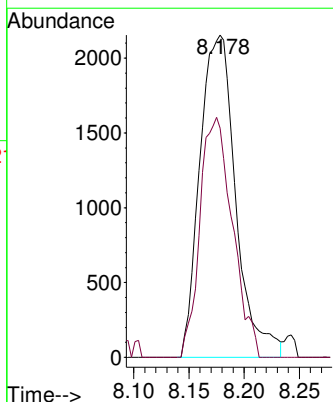
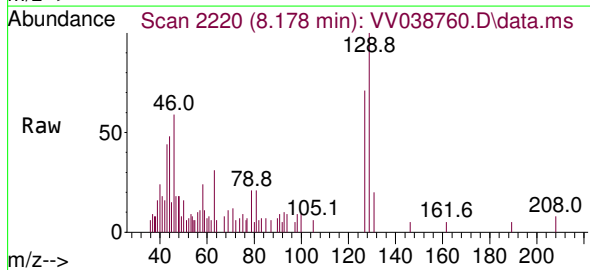
#49
Dibromochloromethane
Concen: 0.257 ug/L
RT: 8.178 min Scan# 217
Delta R.T. 0.010 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-04

Tgt Ion:129 Resp: 487
Ion Ratio Lower Upper
129 100
127 71.1 53.5 99.3

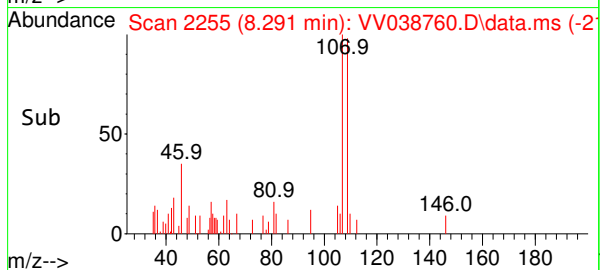
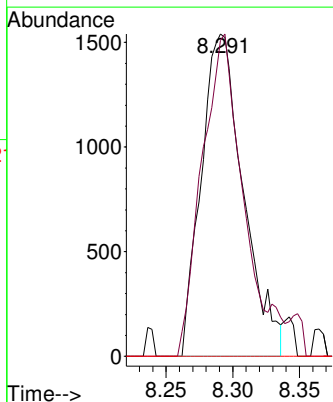
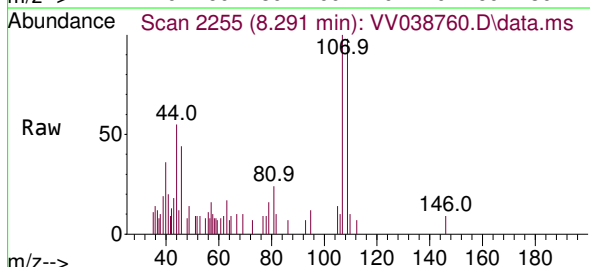
Manual Integrations
APPROVED

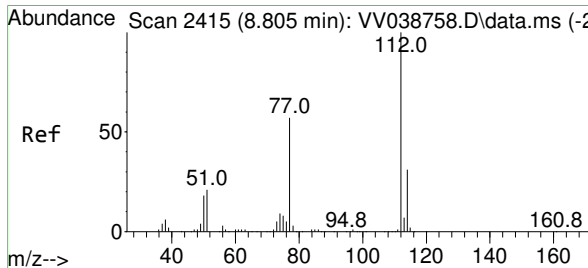
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#50
1,2-Dibromoethane
Concen: 0.228 ug/L
RT: 8.291 min Scan# 2255
Delta R.T. 0.016 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion:107 Resp: 3382
Ion Ratio Lower Upper
107 100
109 97.9 70.2 130.4
188 0.0 2.8 4.2#





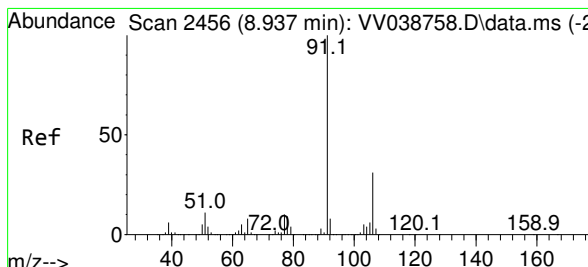
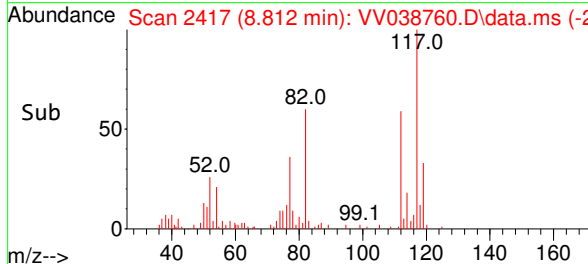
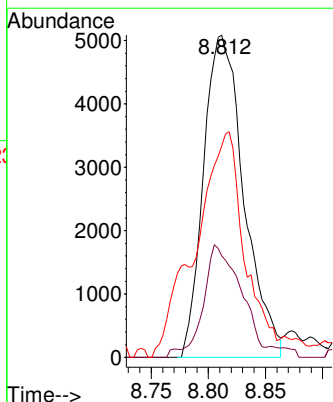
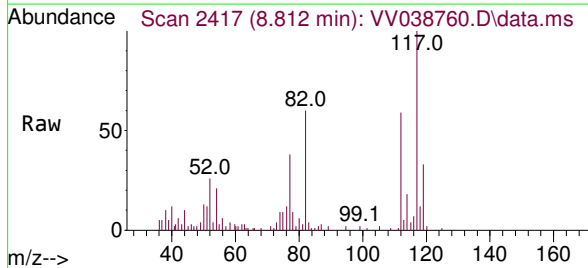
#51
Chlorobenzene
Concen: 0.208 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId : VV038760.D
MDL-WATER-QT2-2025-04

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.6	42.6
77	65.7	47.0	70.6

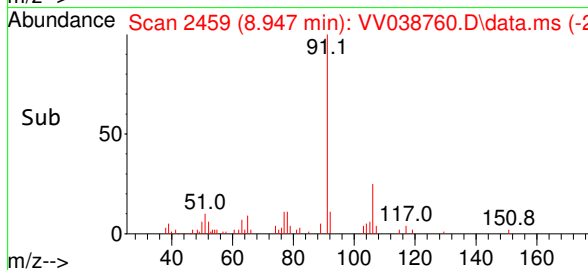
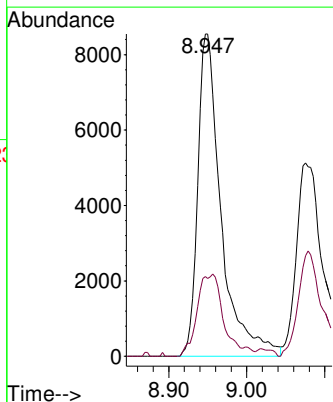
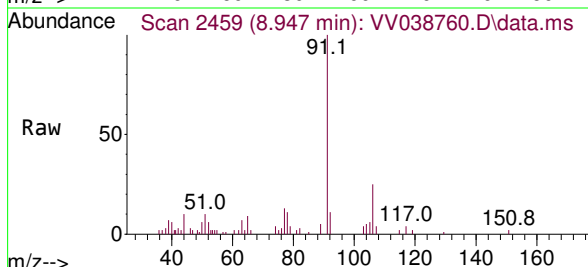
Manual Integrations
APPROVED

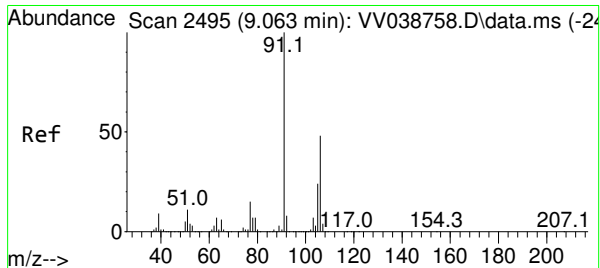
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#52
Ethylbenzene
Concen: 0.188 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion	Ratio	Lower	Upper
91	100		
106	24.7	21.3	39.6





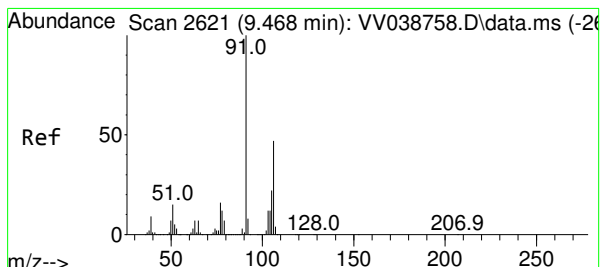
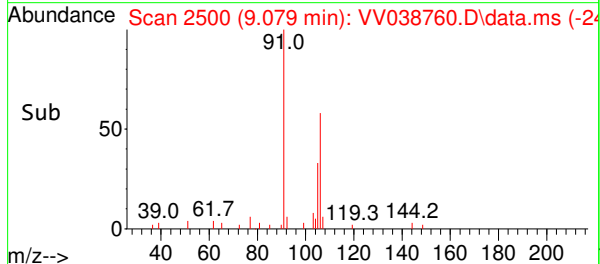
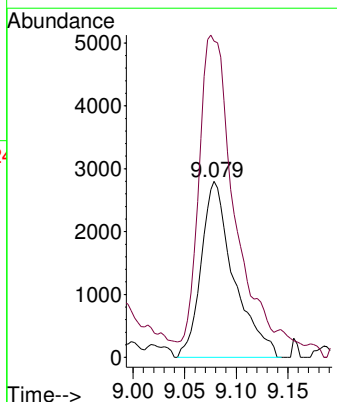
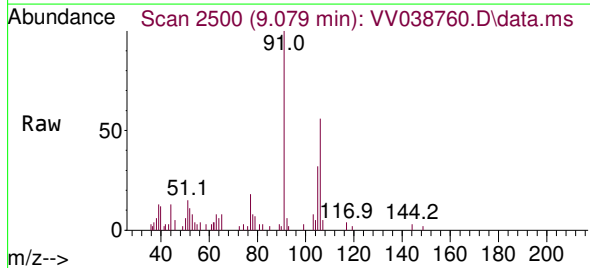
#53
m,p-Xylene
Concen: 0.172 ug/L
RT: 9.079 min Scan# 215
Delta R.T. 0.016 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-04

Tgt Ion:106 Resp: 615
Ion Ratio Lower Upper
106 100
91 179.7 146.3 271.7

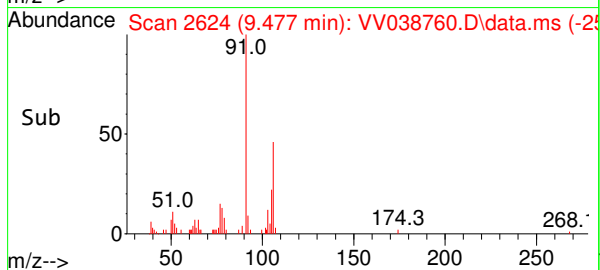
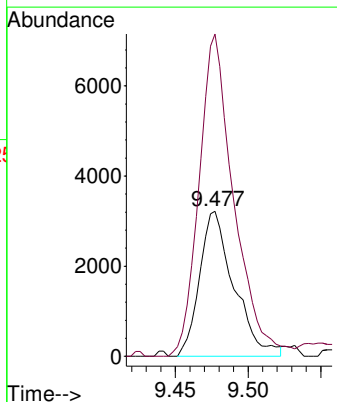
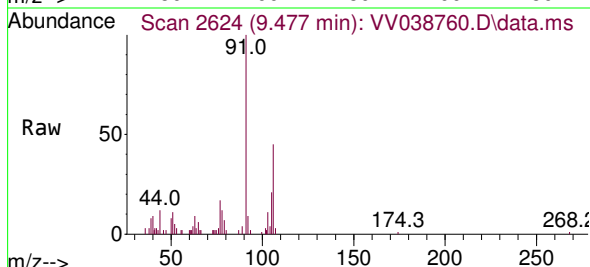
Manual Integrations
APPROVED

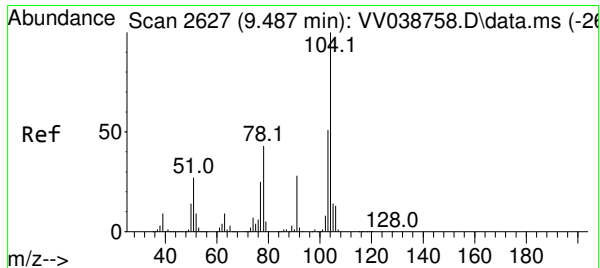
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#54
o-Xylene
Concen: 0.156 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion:106 Resp: 5296
Ion Ratio Lower Upper
106 100
91 222.1 150.8 280.0





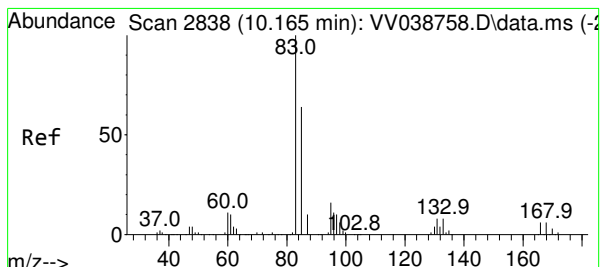
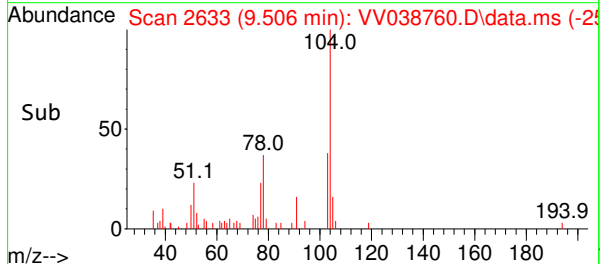
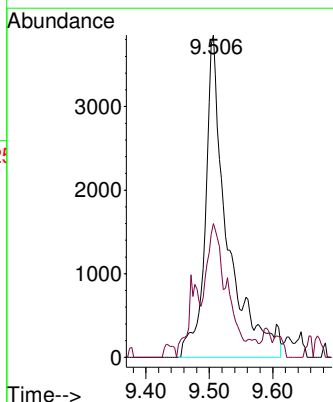
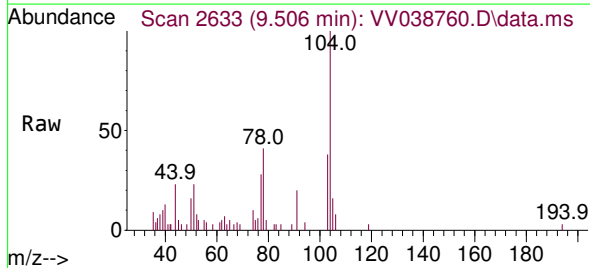
#55
Styrene
Concen: 0.159 ug/L m
RT: 9.506 min Scan# 21
Delta R.T. 0.019 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-04

Tgt Ion: 104 Resp: 923
Ion Ratio Lower Upper
104 100
78 41.5 30.5 56.7

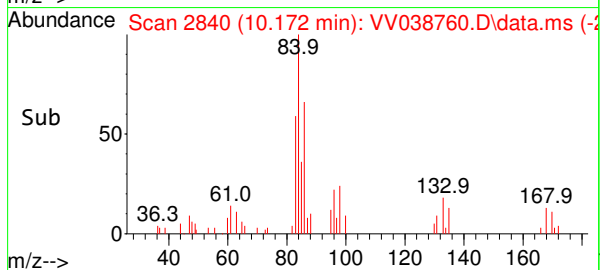
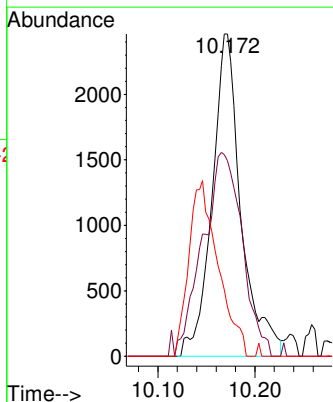
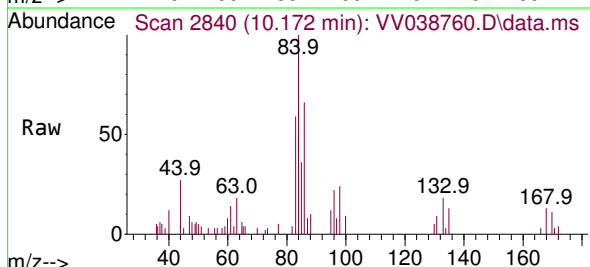
Manual Integrations
APPROVED

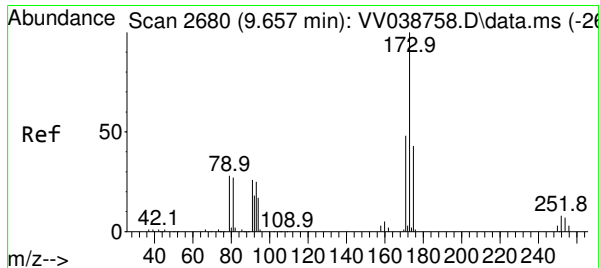
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#57
1,1,2,2-Tetrachloroethane
Concen: 0.260 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.006 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion: 83 Resp: 5096
Ion Ratio Lower Upper
83 100
85 60.7 46.1 85.5
131 15.3 8.5 12.7#





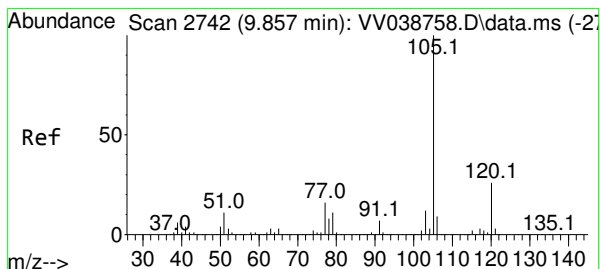
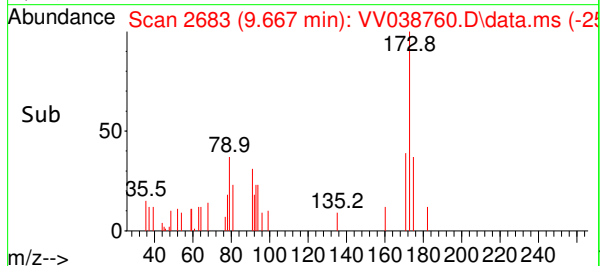
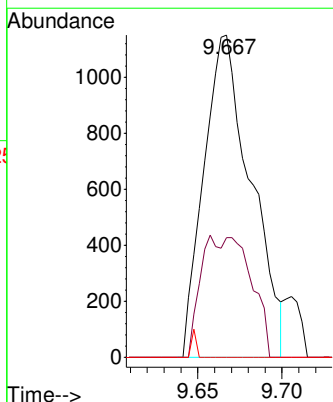
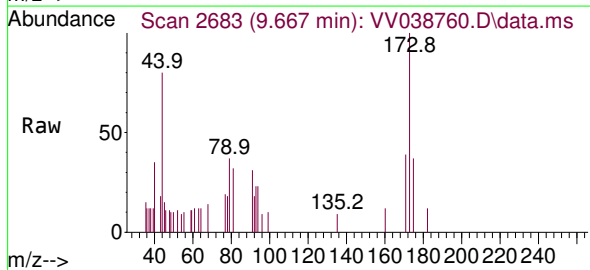
#59
Bromoform
Concen: 0.291 ug/L
RT: 9.667 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-04

Tgt Ion:173 Resp: 222
Ion Ratio Lower Upper
173 100
175 17.5 39.5 59.3
254 0.9 5.7 8.5

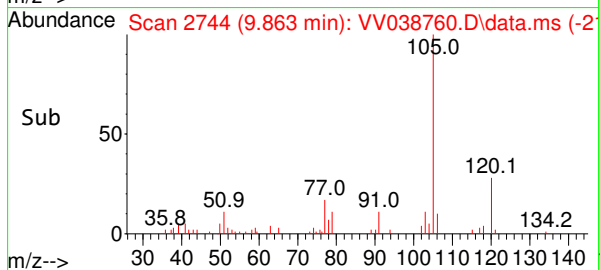
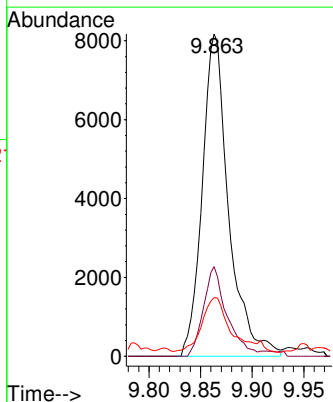
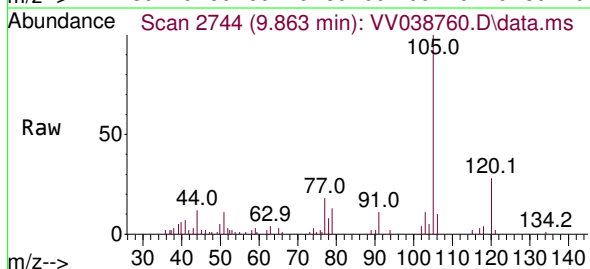
Manual Integrations
APPROVED

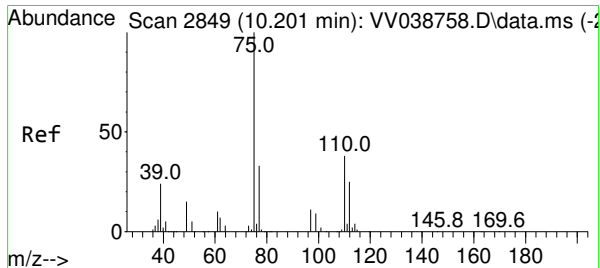
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#60
Isopropylbenzene
Concen: 0.201 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion:105 Resp: 14563
Ion Ratio Lower Upper
105 100
120 24.8 21.0 31.4
77 18.8 12.2 18.4#





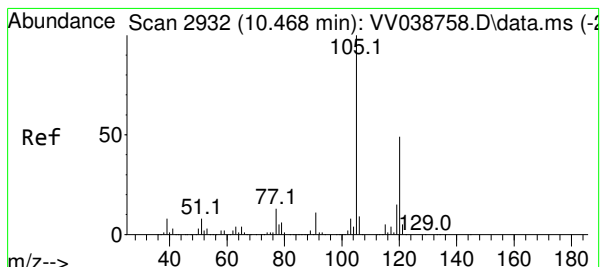
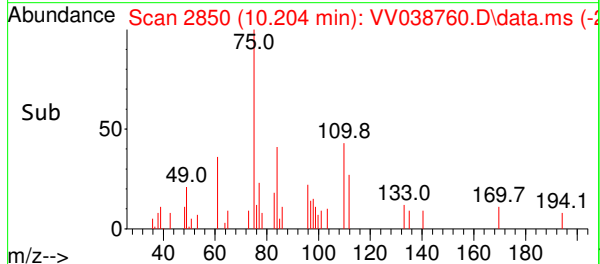
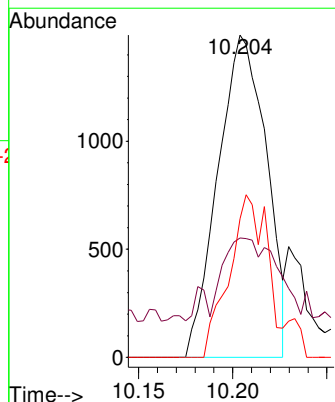
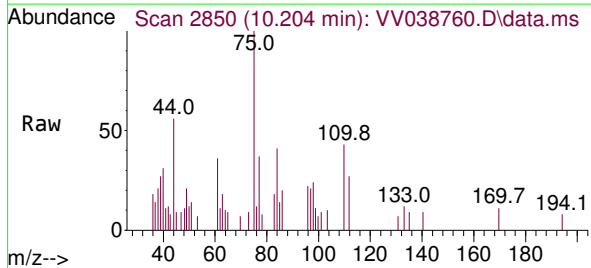
#61
1,2,3-Trichloropropane
Concen: 0.257 ug/L
RT: 10.204 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId : VV038760.D
MDL-WATER-QT2-2025-04

Tgt Ion:	75	Resp:	266
Ion	Ratio	Lower	Upper
75	100		
77	26.3	25.5	38.3
110	39.7	30.9	46.3

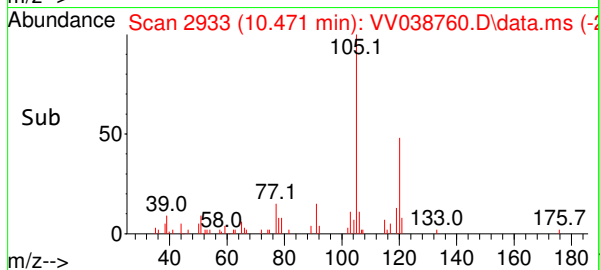
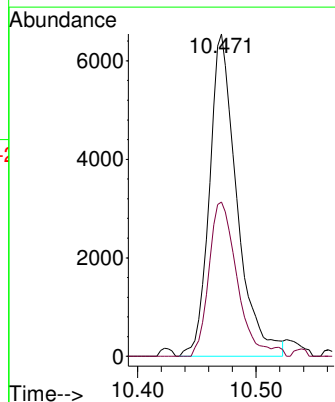
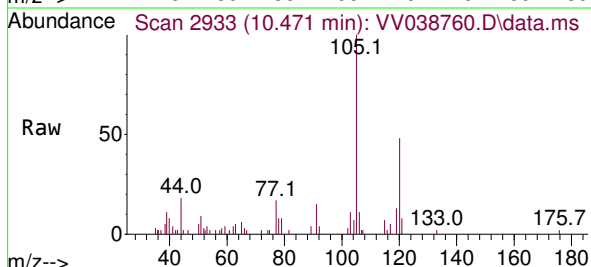
Manual Integrations
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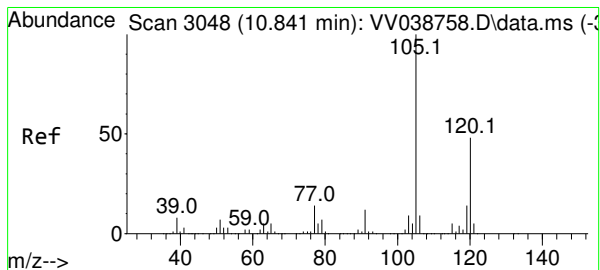
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#62
1,3,5-Trimethylbenzene
Concen: 0.189 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. 0.003 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion:	105	Resp:	10516
Ion	Ratio	Lower	Upper
105	100		
120	48.5	38.3	57.5





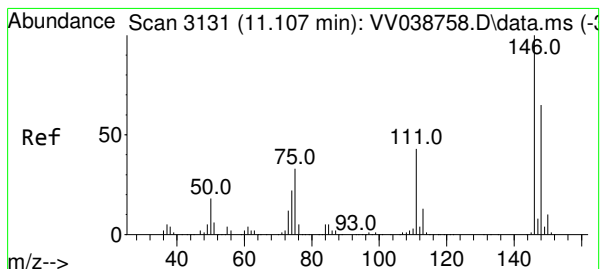
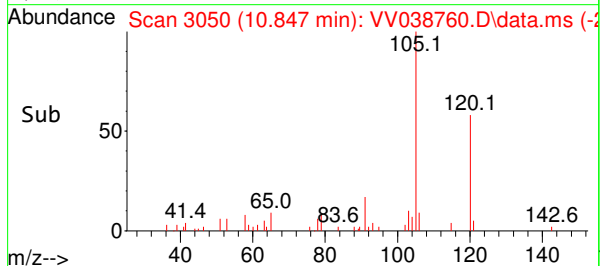
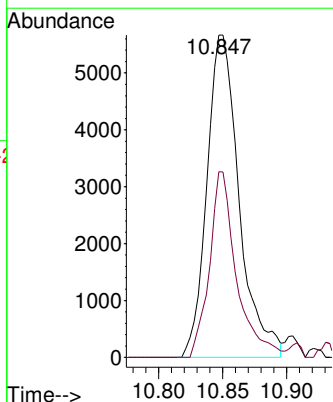
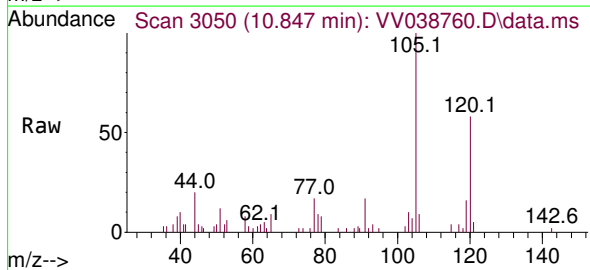
#63
1,2,4-Trimethylbenzene
Concen: 0.178 ug/L
RT: 10.847 min Scan# 3133
Delta R.T. 0.006 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-04

Tgt Ion:105 Resp: 992
Ion Ratio Lower Upper
105 100
120 48.4 36.2 54.2

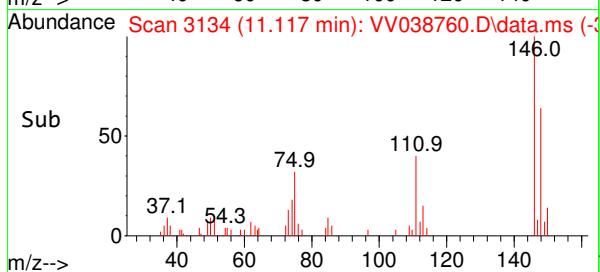
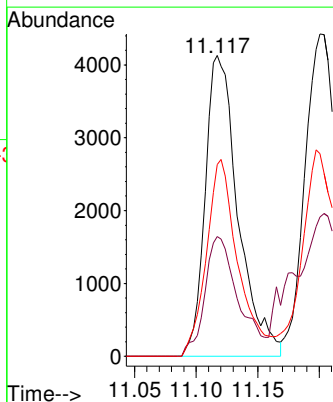
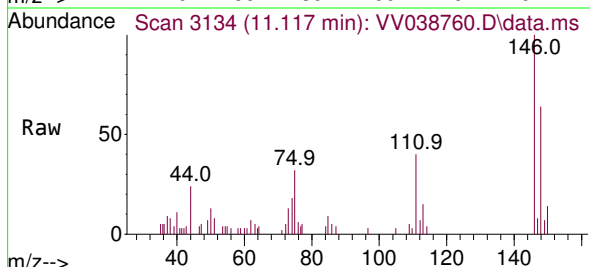
Manual Integrations
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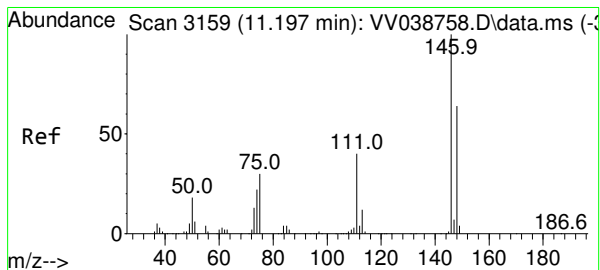
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#64
1,3-Dichlorobenzene
Concen: 0.220 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.010 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion:146 Resp: 7664
Ion Ratio Lower Upper
146 100
111 39.8 29.0 53.9
148 63.7 44.1 81.9





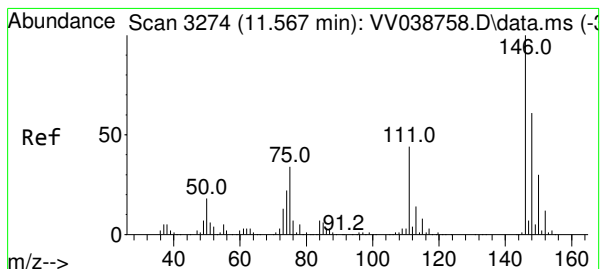
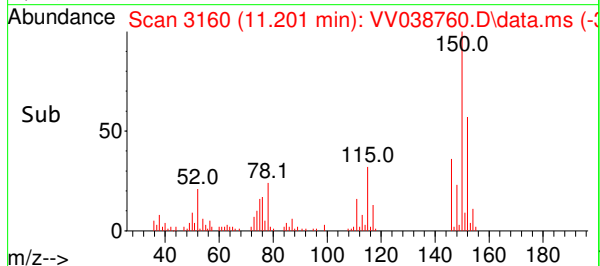
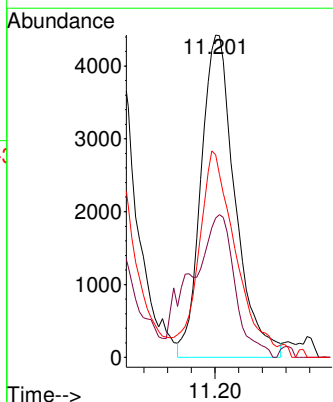
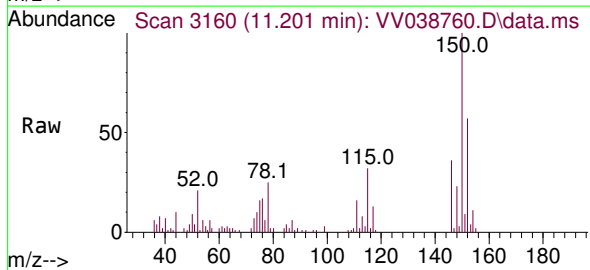
#65
1,4-Dichlorobenzene
Concen: 0.241 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-04

Tgt Ion:146 Resp: 884
Ion Ratio Lower Upper
146 100
111 43.2 27.7 51.5
148 62.8 44.9 83.5

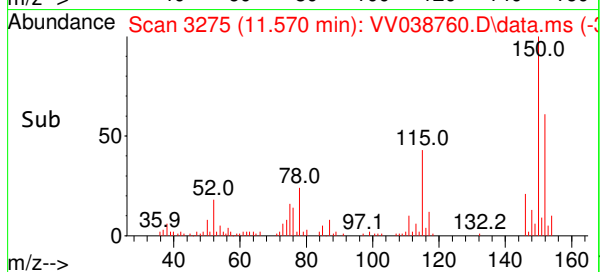
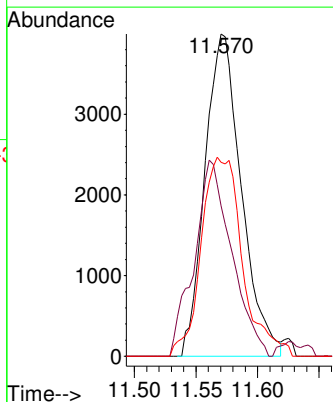
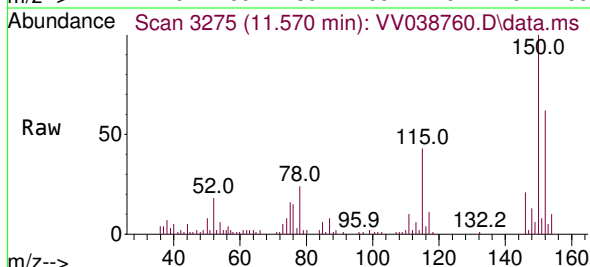
Manual Integrations
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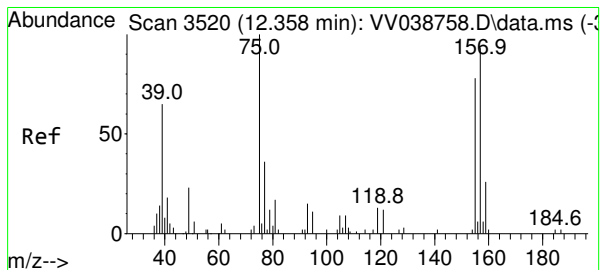
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#67
1,2-Dichlorobenzene
Concen: 0.257 ug/L
RT: 11.570 min Scan# 3275
Delta R.T. 0.003 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion:146 Resp: 8233
Ion Ratio Lower Upper
146 100
111 46.7 35.4 53.0
148 60.2 52.2 78.2





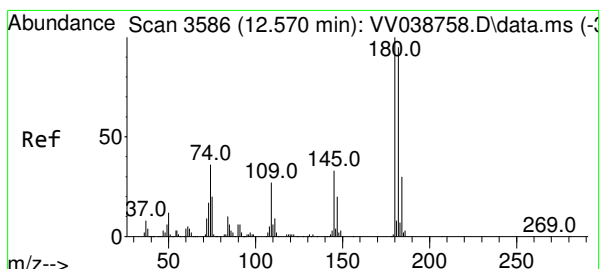
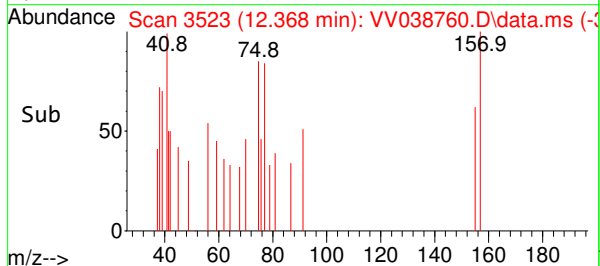
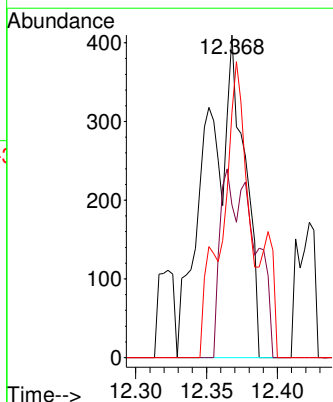
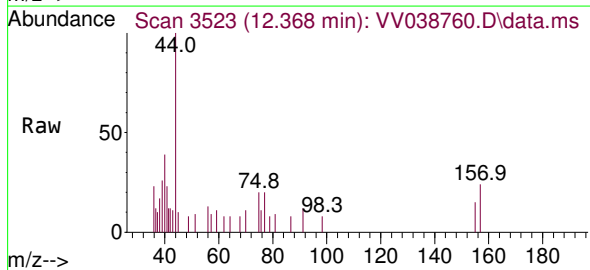
#68
1,2-Dibromo-3-chloropropane
Concen: 0.342 ug/L m
RT: 12.368 min Scan# 3523
Delta R.T. 0.010 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-04

Tgt Ion:	75	Resp:	75
Ion	Ratio	Lower	Upper
75	100		
155	73.2	60.3	90.5
157	117.7	76.9	115.3

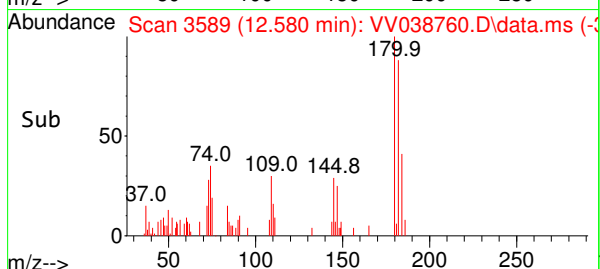
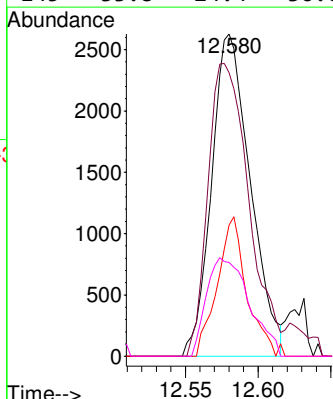
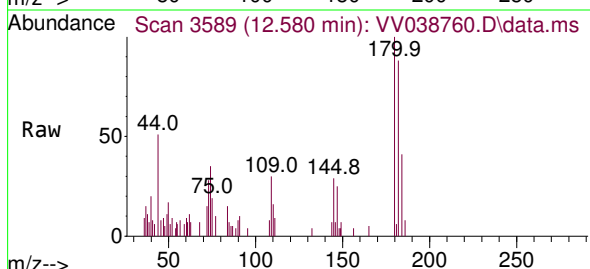
Manual Integrations
APPROVED

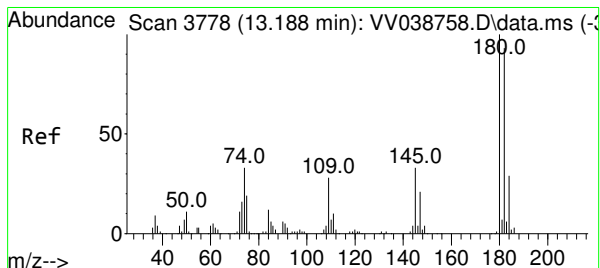
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#69
1,3,5-Trichlorobenzene
Concen: 0.215 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. 0.010 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion:	180	Resp:	4875
Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.6	113.4
184	33.0	24.1	36.1
145	33.8	24.4	36.6





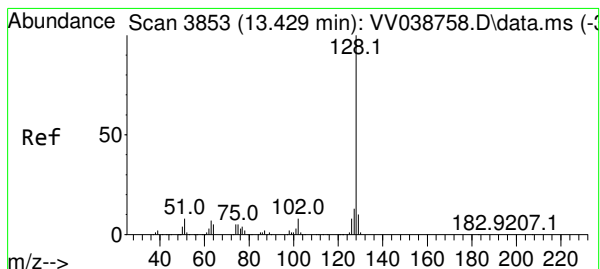
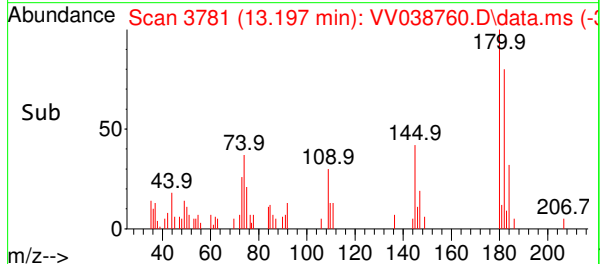
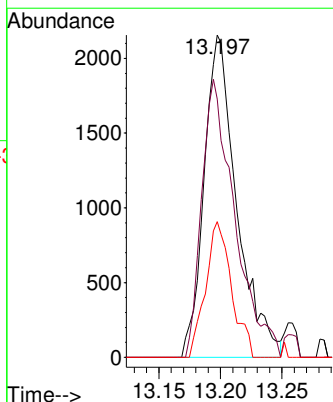
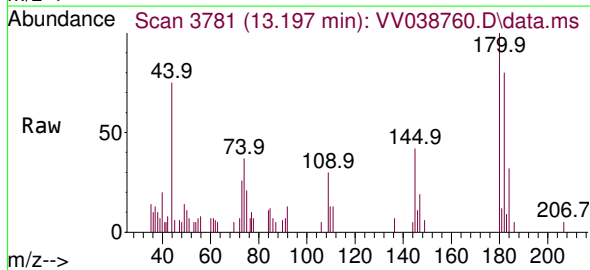
#70
1,2,4-trichlorobenzene
Concen: 0.223 ug/L
RT: 13.197 min Scan# 3778
Delta R.T. 0.010 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
ClientSampleId : VV038760.D
MDL-WATER-QT2-2025-04

Tgt Ion:	180	Resp:	397
Ion	Ratio	Lower	Upper
180	100		
182	87.2	76.6	115.0
145	33.3	26.0	39.0

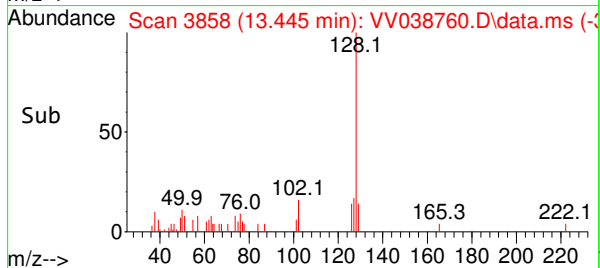
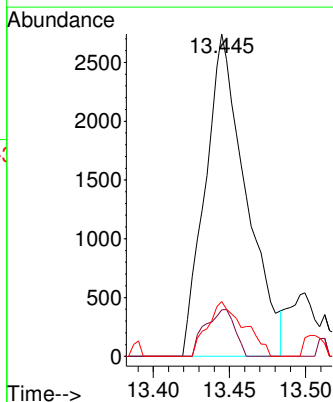
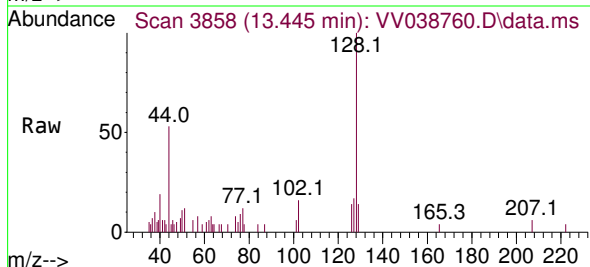
Manual Integrations
APPROVED

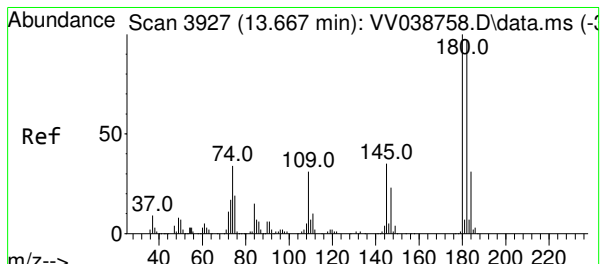
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#71
Naphthalene
Concen: 0.177 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.016 min
Lab File: VV038760.D
Acq: 06 Jun 2025 10:55

Tgt Ion:	128	Resp:	5086
Ion	Ratio	Lower	Upper
128	100		
129	10.5	7.6	11.4
127	15.2	10.9	16.3





#72
 1,2,3-Trichlorobenzene
 Concen: 0.217 ug/L
 RT: 13.673 min Scan# 3
 Delta R.T. 0.006 min
 Lab File: VV038760.D
 Acq: 06 Jun 2025 10:55

Instrument : MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2025-04

Tgt Ion:	180	Resp:	353
Ion	Ratio	Lower	Upper
180	100		
182	90.6	76.0	114.0
145	42.6	28.4	42.6

Manual Integrations
APPROVED
 Reviewed By :Amit Patel 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025

