

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060525\
 Data File : VV038755.D
 Acq On : 05 Jun 2025 13:00
 Operator : SY/MD
 Sample : Q2117-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2025-03

Quant Time: Jun 13 10:23:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 13 10:19:03 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	5.535	114	219191	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	228178	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	96025	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	139970	4.561	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	91.200%	
7) Chloroethane-d5	1.542	69	109619	5.047	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.066	65	57112	4.596	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	92.000%	
20) 2-Butanone-d5	3.789	46	209911	53.185	ug/L	-0.01
Spiked Amount 50.000	Range 40	- 130	Recovery	=	106.380%	
24) Chloroform-d	4.249	84	217812	4.986	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4	4.941	65	103532	5.201	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	104.000%	
32) Benzene-d6	4.960	84	392373	4.780	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	5.986	67	130881	5.127	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	102.600%	
41) Toluene-d8	7.236	98	296105	4.138	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	82.800%	
43) trans-1,3-Dichloroprop...	7.555	79	43612	4.930	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	98.600%	
46) 2-Hexanone-d5	8.014	63	150328	50.534	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	101.060%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	88622	4.776	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	11.551	152	95154	5.358	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	107.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.118	85	7354	0.251	ug/L	99
5) Vinyl chloride	1.294	62	9014m	0.282	ug/L	
6) Bromomethane	1.497	94	5077	0.317	ug/L	97
8) Chloroethane	1.558	64	5760	0.297	ug/L	90
9) Trichlorofluoromethane	1.722	101	10670	0.256	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	8379	0.352	ug/L #	82
12) 1,1-Dichloroethene	2.076	96	7273	0.325	ug/L #	1
14) Carbon disulfide	2.249	76	19132	0.251	ug/L	99
15) Methyl Acetate	2.413	43	1841m	0.220	ug/L	
16) Methylene chloride	2.455	84	7321	0.291	ug/L	93
17) Methyl tert-butyl Ether	2.709	73	10299	0.252	ug/L #	94
18) trans-1,2-Dichloroethene	2.706	96	5379	0.241	ug/L	95
19) 1,1-Dichloroethane	3.121	63	11908	0.267	ug/L	99
21) 2-Butanone	3.934	43	11150m	2.547	ug/L	
22) cis-1,2-Dichloroethene	3.822	96	5420m	0.244	ug/L	
23) Bromochloromethane	4.166	128	2413	0.241	ug/L	94
25) Chloroform	4.278	83	13705	0.309	ug/L	93
27) 1,2-Dichloroethane	5.056	62	5854m	0.235	ug/L	
29) 1,1,1-Trichloroethane	4.510	97	10219	0.267	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.587	56	8075	0.228	ug/L #	92
31) Carbon tetrachloride	4.738	117	8231	0.244	ug/L	86
33) Benzene	5.015	78	20369	0.227	ug/L	100
34) Trichloroethene	5.844	95	5736	0.251	ug/L	93
35) Methylcyclohexane	6.053	83	9220m	0.255	ug/L	
37) 1,2-Dichloropropane	6.111	63	5400	0.228	ug/L #	96
38) Bromodichloromethane	6.439	83	7918	0.256	ug/L	91
39) cis-1,3-Dichloropropene	6.979	75	7782m	0.248	ug/L	
40) 4-Methyl-2-pentanone	7.159	43	19889	1.838	ug/L #	86
42) Toluene	7.320	91	19531	0.215	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	6691	0.253	ug/L	93
45) 1,1,2-Trichloroethane	7.776	97	4499	0.268	ug/L	93
47) Tetrachloroethene	7.908	164	4572	0.259	ug/L	91
48) 2-Hexanone	8.082	43	25210	3.375	ug/L #	83
49) Dibromochloromethane	8.175	129	4922	0.264	ug/L	91
50) 1,2-Dibromoethane	8.288	107	3847	0.263	ug/L #	90
51) Chlorobenzene	8.815	112	14330	0.243	ug/L	92
52) Ethylbenzene	8.950	91	19184	0.206	ug/L	96
53) m,p-Xylene	9.079	106	6512	0.185	ug/L	93
54) o-Xylene	9.477	106	5875	0.176	ug/L	99
55) Styrene	9.503	104	10312m	0.181	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.169	83	5439	0.283	ug/L #	85
59) Bromoform	9.670	173	2255	0.300	ug/L #	92
60) Isopropylbenzene	9.866	105	17203	0.242	ug/L	95
61) 1,2,3-Trichloropropane	10.207	75	3214	0.315	ug/L	93
62) 1,3,5-Trimethylbenzene	10.471	105	11770	0.215	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	11477	0.210	ug/L	94
64) 1,3-Dichlorobenzene	11.120	146	8870	0.258	ug/L	93
65) 1,4-Dichlorobenzene	11.201	146	9088	0.252	ug/L	93
67) 1,2-Dichlorobenzene	11.571	146	9086	0.289	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.365	75	807	0.370	ug/L #	70
69) 1,3,5-Trichlorobenzene	12.580	180	6423	0.289	ug/L	95
70) 1,2,4-trichlorobenzene	13.197	180	4065	0.232	ug/L	87
71) Naphthalene	13.442	128	5474	0.194	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.673	180	3921	0.245	ug/L	98

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

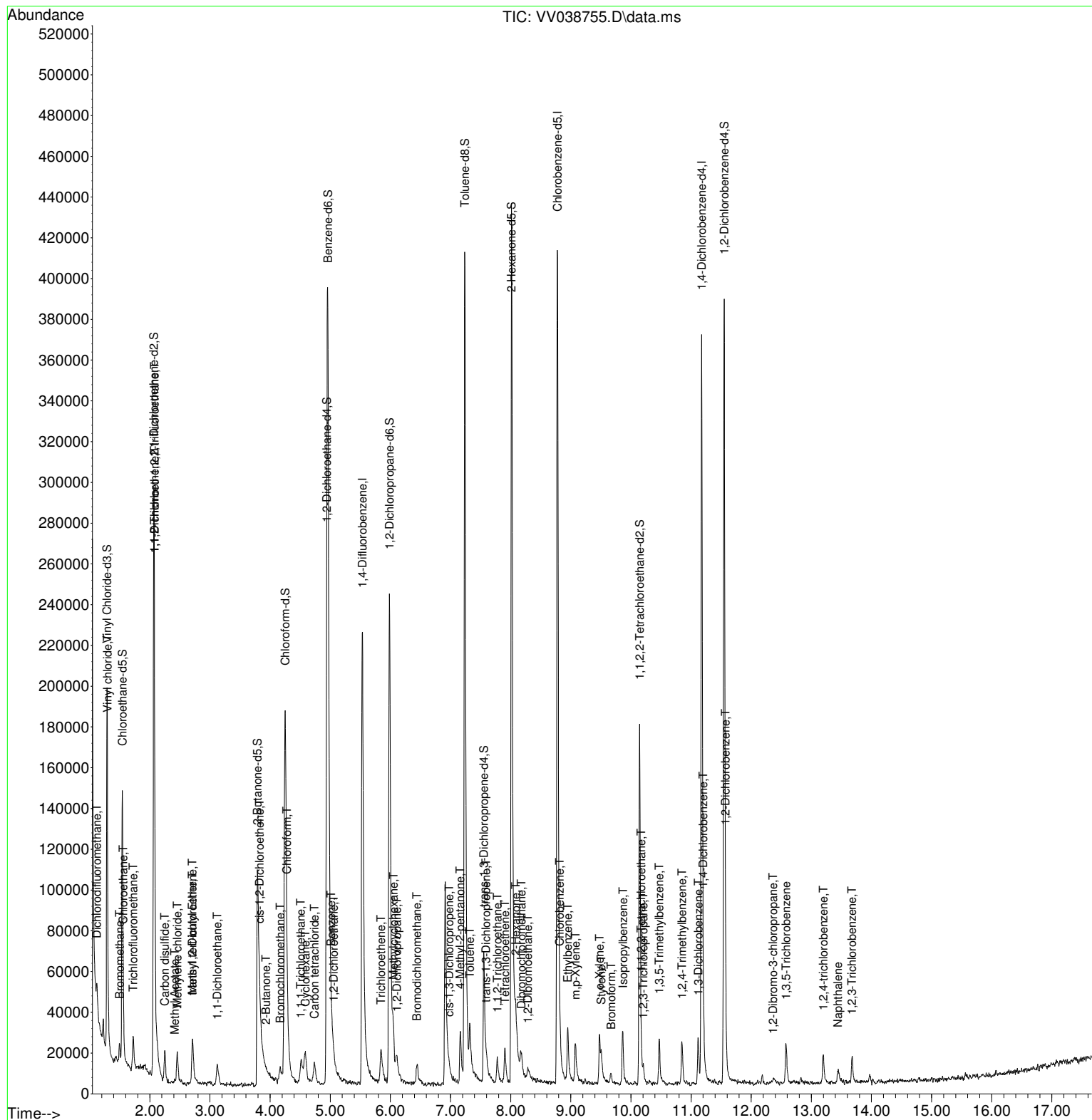
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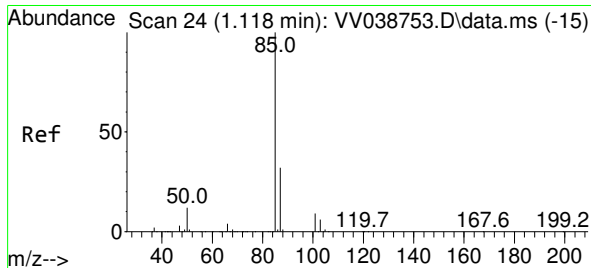
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ClientSampleId :
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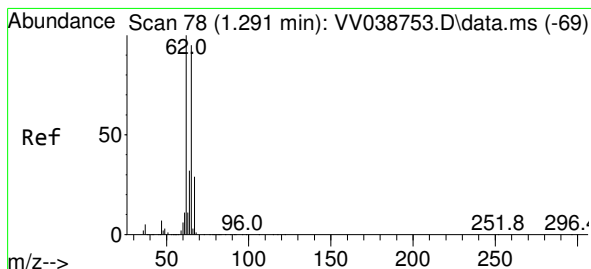
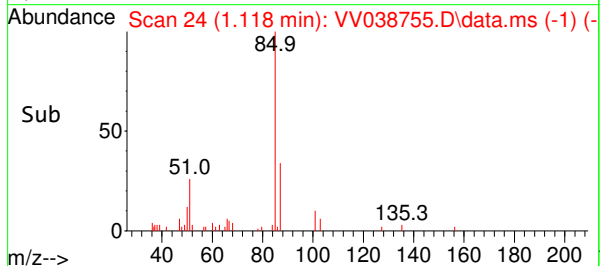
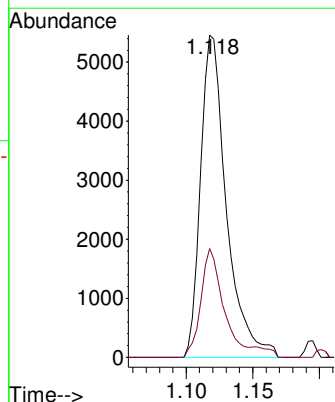
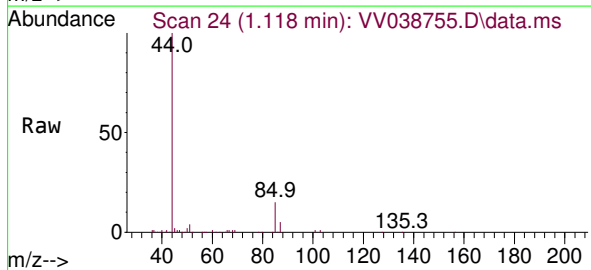
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Dichlorodifluoromethane
Concen: 0.251 ug/L
RT: 1.118 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

Tgt Ion: 85 Resp: 735
Ion Ratio Lower Upper
85 100
87 31.6 25.5 38.3

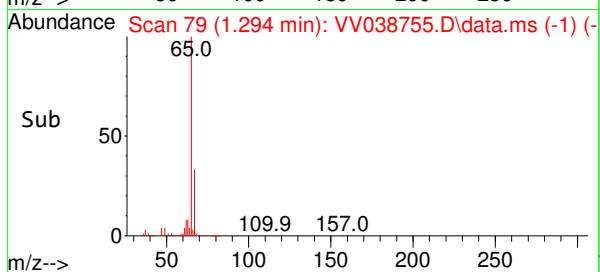
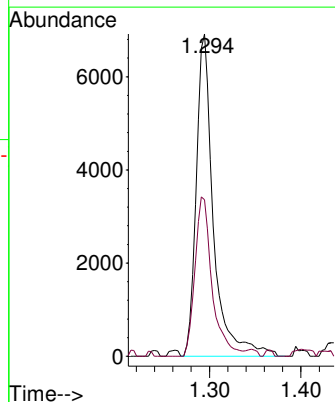
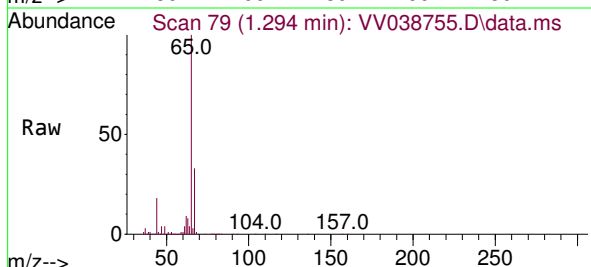
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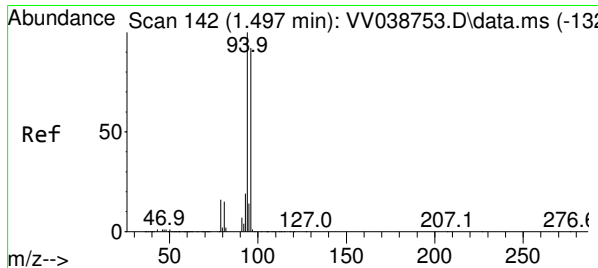
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#5
Vinyl chloride
Concen: 0.282 ug/L m
RT: 1.294 min Scan# 79
Delta R.T. 0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion: 62 Resp: 9014
Ion Ratio Lower Upper
62 100
64 48.6 25.0 46.4#





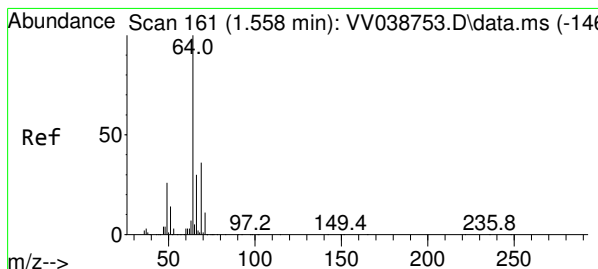
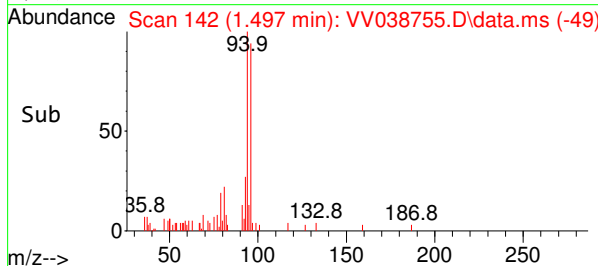
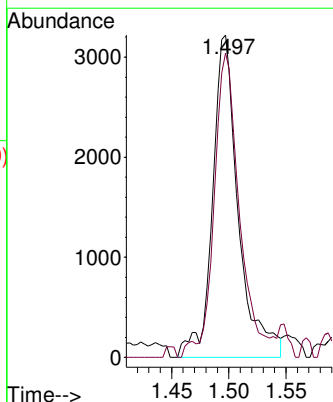
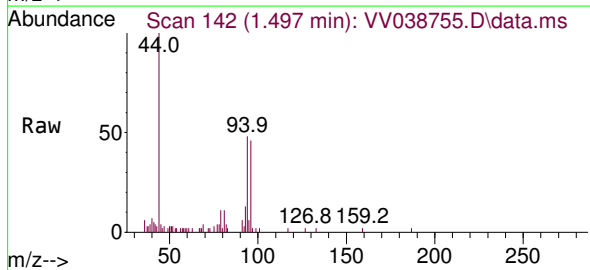
#6
Bromomethane
Concen: 0.317 ug/L
RT: 1.497 min Scan# 142
Delta R.T. -0.000 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

Tgt Ion: 94 Resp: 507
Ion Ratio Lower Upper
94 100
96 94.4 64.3 119.3

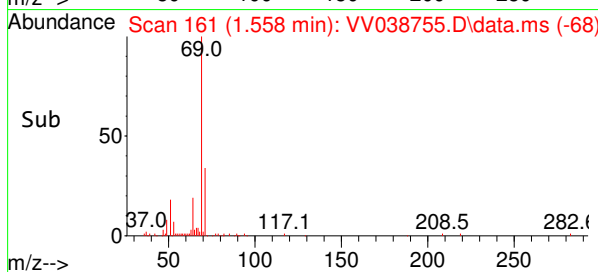
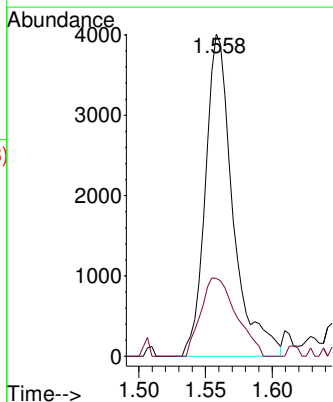
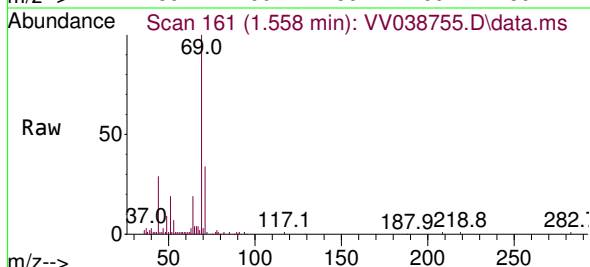
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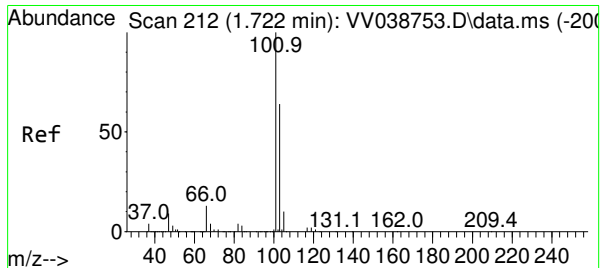
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#8
Chloroethane
Concen: 0.297 ug/L
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion: 64 Resp: 5760
Ion Ratio Lower Upper
64 100
66 24.2 20.9 38.7





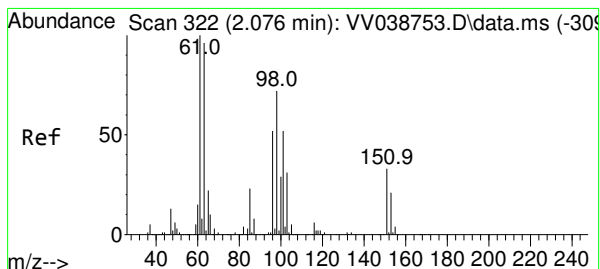
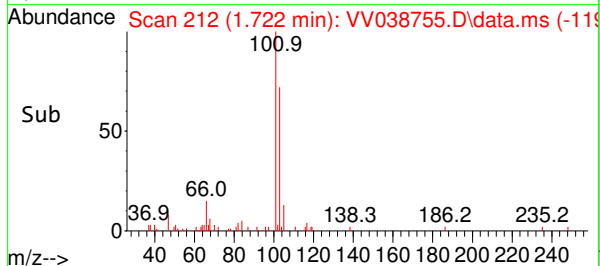
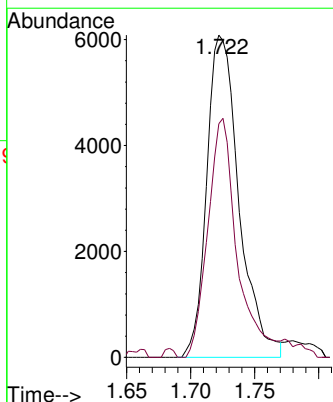
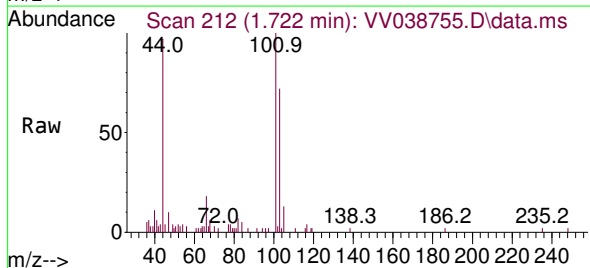
#9
Trichlorofluoromethane
Concen: 0.256 ug/L
RT: 1.722 min Scan# 212
Delta R.T. -0.000 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

Tgt Ion:101 Resp: 1067
Ion Ratio Lower Upper
101 100
103 67.0 52.4 78.6

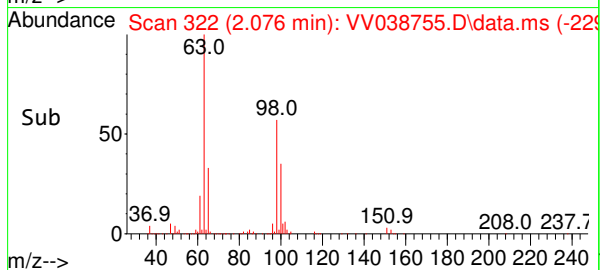
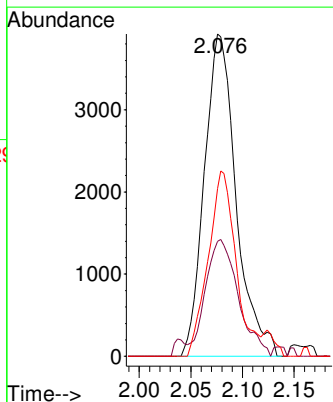
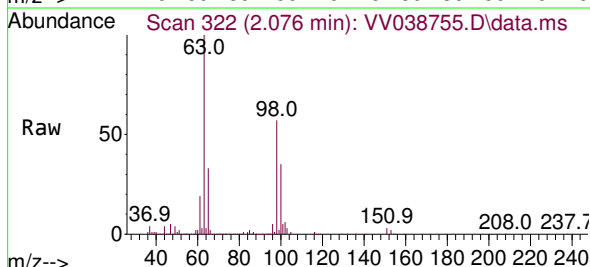
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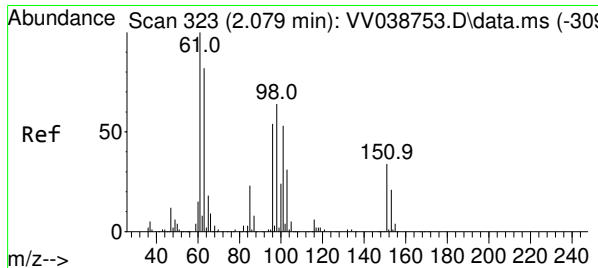
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.352 ug/L
RT: 2.076 min Scan# 322
Delta R.T. -0.000 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:101 Resp: 8379
Ion Ratio Lower Upper
101 100
85 37.4 35.0 52.4
151 50.3 55.1 82.7#





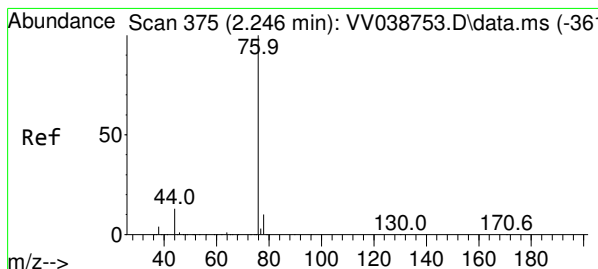
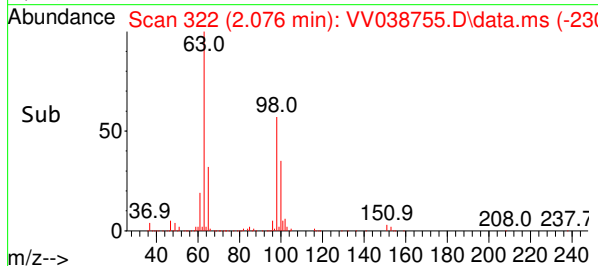
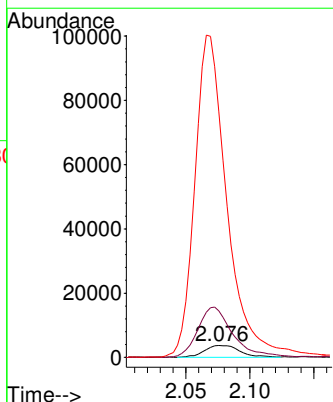
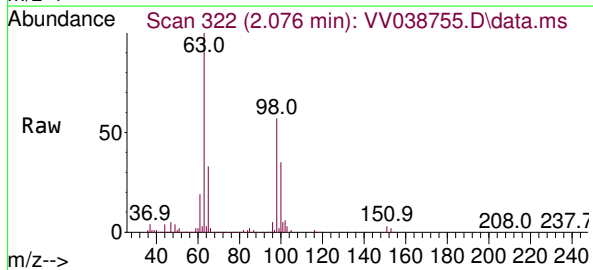
#12
1,1-Dichloroethene
Concen: 0.325 ug/L
RT: 2.076 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId : VV038755.D
MDL-WATER-QT2-2025-03

Tgt Ion: 96 Resp: 727
Ion Ratio Lower Upper
96 100
61 392.9 122.8 228.1
63 2069.9 92.0 170.0

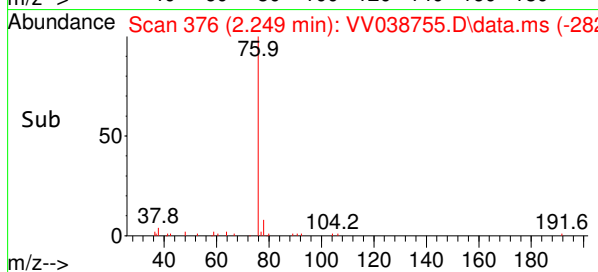
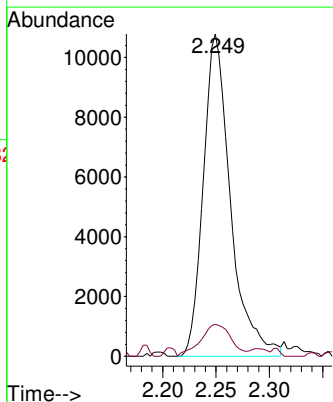
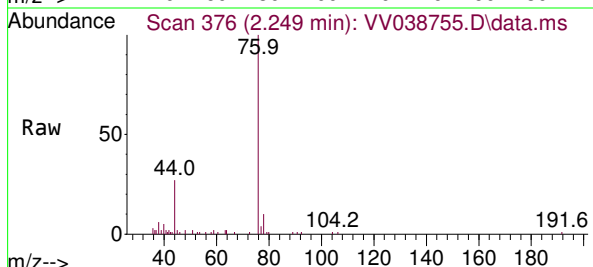
Manual Integrations
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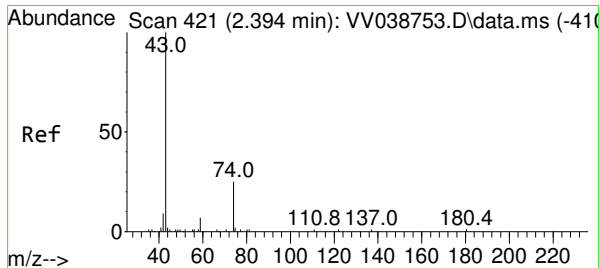
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#14
Carbon disulfide
Concen: 0.251 ug/L
RT: 2.249 min Scan# 376
Delta R.T. 0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion: 76 Resp: 19132
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3





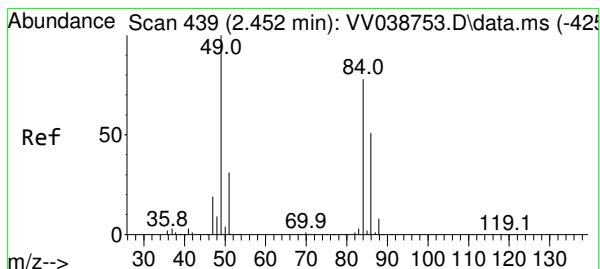
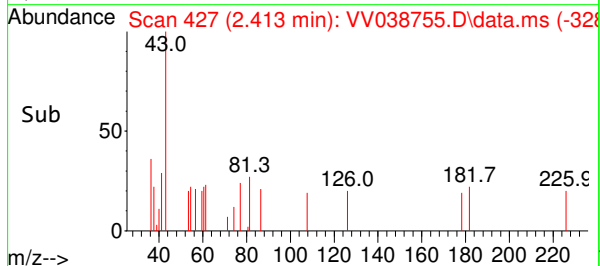
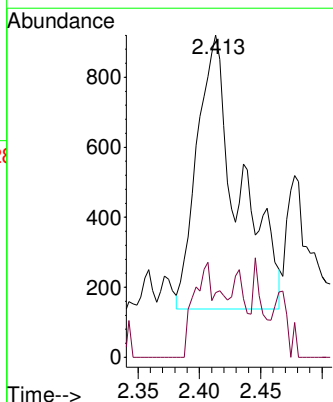
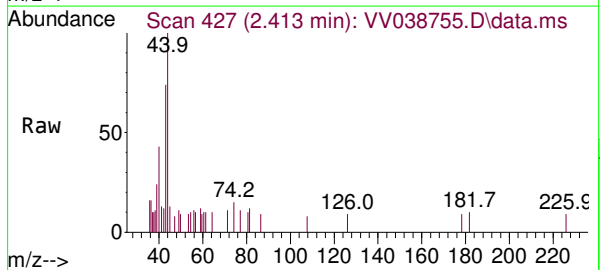
#15
Methyl Acetate
Concen: 0.220 ug/L m
RT: 2.413 min Scan# 413
Delta R.T. 0.019 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
74 16.4 18.6 27.8

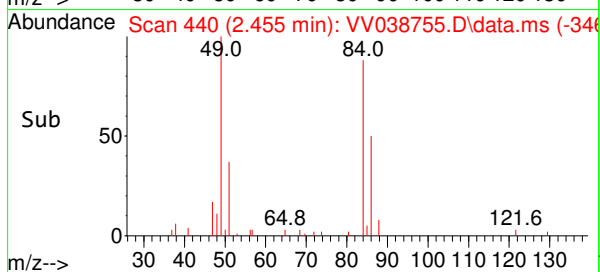
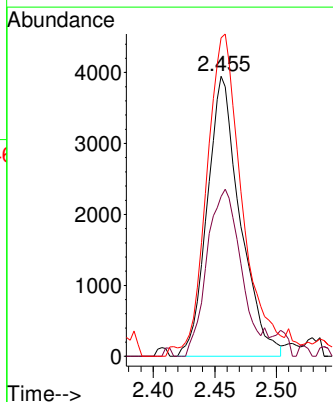
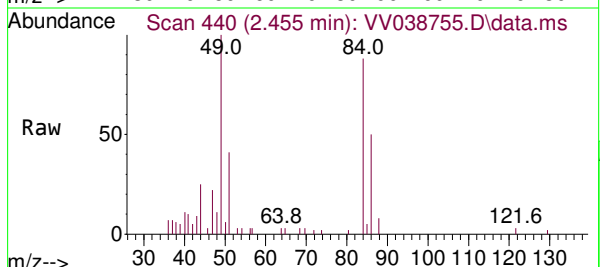
Manual Integrations
APPROVED

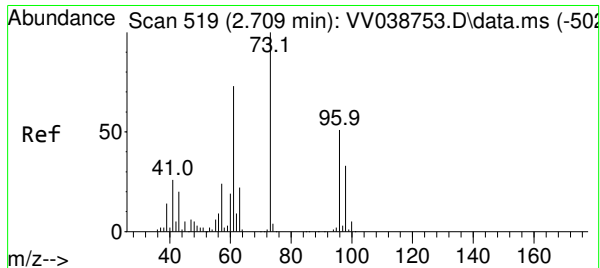
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#16
Methylene chloride
Concen: 0.291 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion: 84 Resp: 7321
Ion Ratio Lower Upper
84 100
86 57.0 46.0 85.4
49 113.7 83.9 155.9





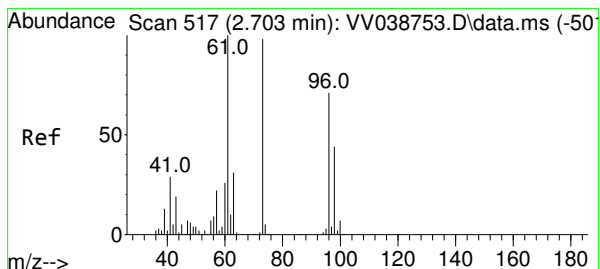
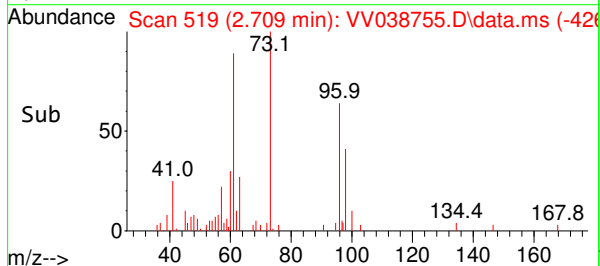
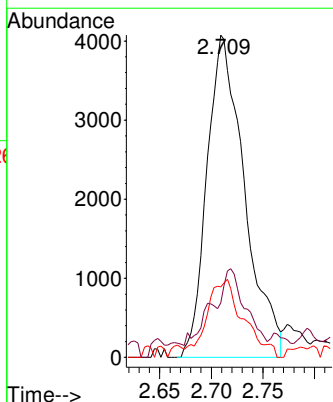
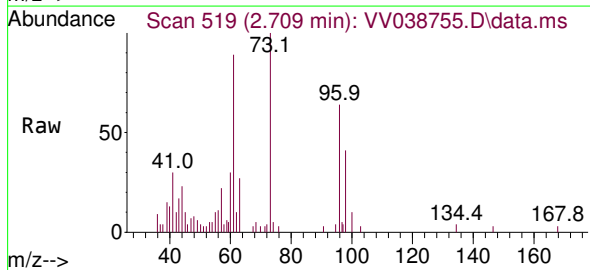
#17
Methyl tert-butyl Ether
Concen: 0.252 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

Tgt Ion:	73	Resp:	1029
Ion	Ratio	Lower	Upper
73	100		
43	12.8	14.6	22.0
57	23.5	18.2	27.2

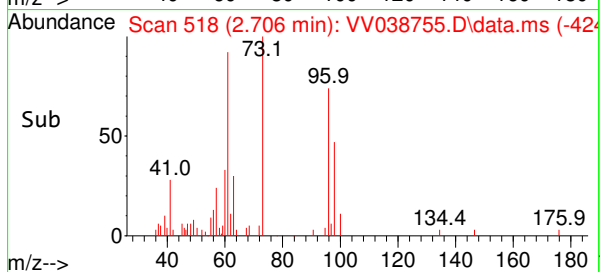
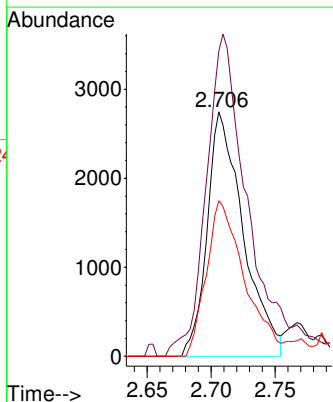
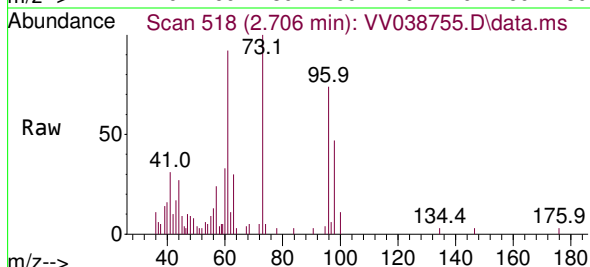
Manual Integrations
APPROVED

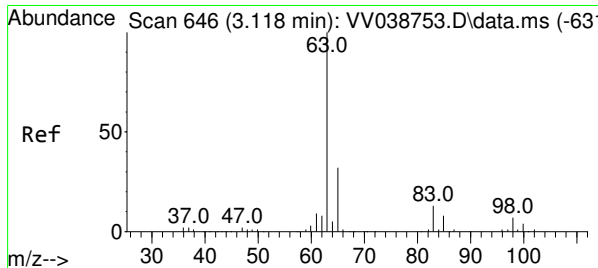
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#18
trans-1,2-Dichloroethene
Concen: 0.241 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:	96	Resp:	5379
Ion	Ratio	Lower	Upper
96	100		
61	124.8	91.4	169.8
98	63.6	41.6	77.2





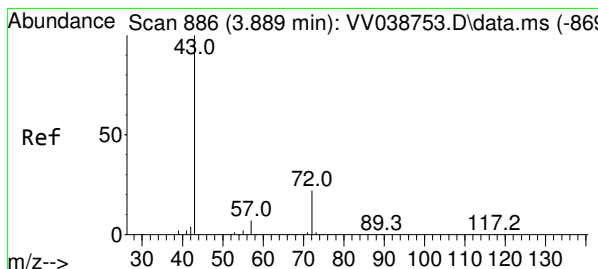
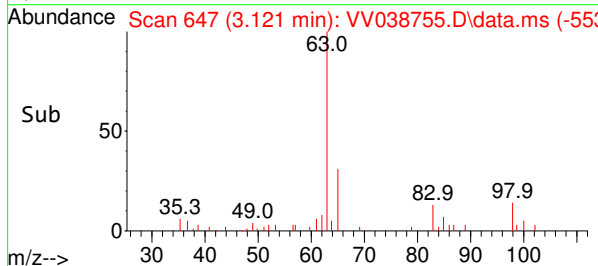
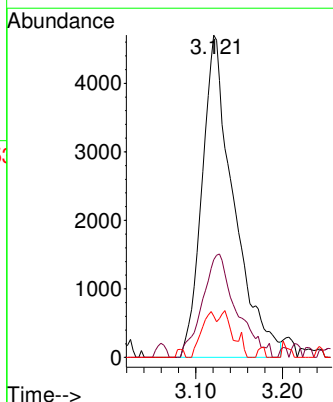
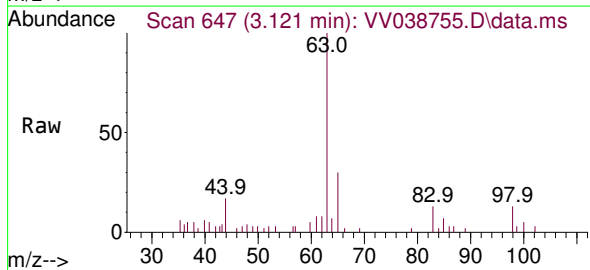
#19
1,1-Dichloroethane
Concen: 0.267 ug/L
RT: 3.121 min Scan# 646
Delta R.T. 0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId : VV038755.D
MDL-WATER-QT2-2025-03

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.3	21.8	40.4
83	12.8	9.2	17.2

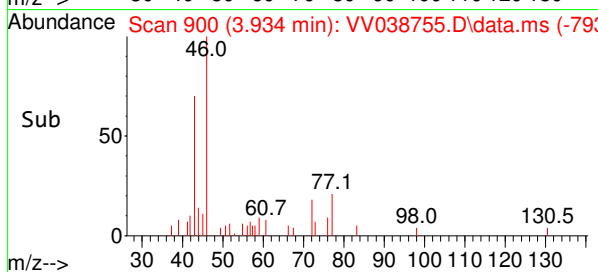
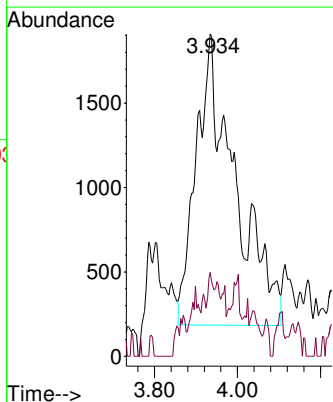
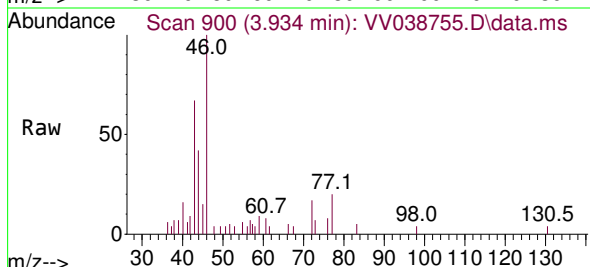
Manual Integrations
APPROVED

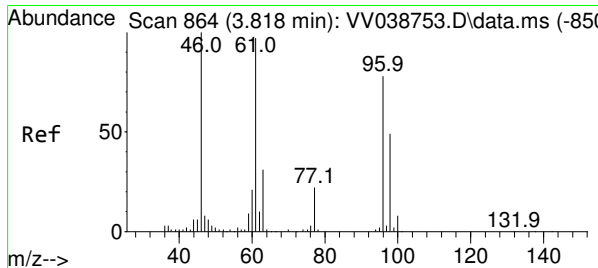
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#21
2-Butanone
Concen: 2.547 ug/L m
RT: 3.934 min Scan# 900
Delta R.T. 0.045 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion	Ratio	Lower	Upper
43	100		
72	2.3	11.9	35.5#





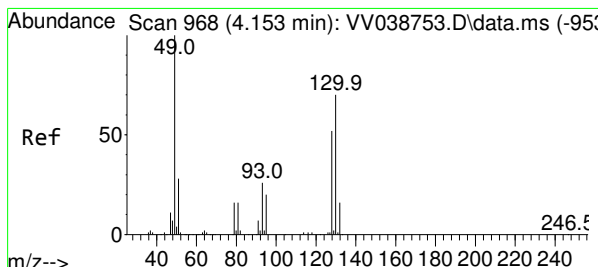
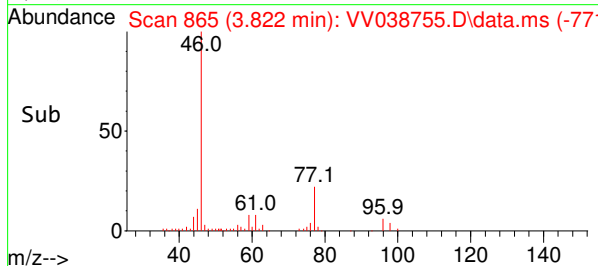
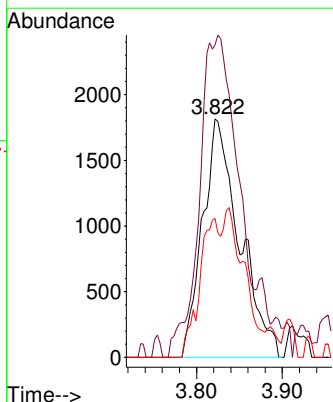
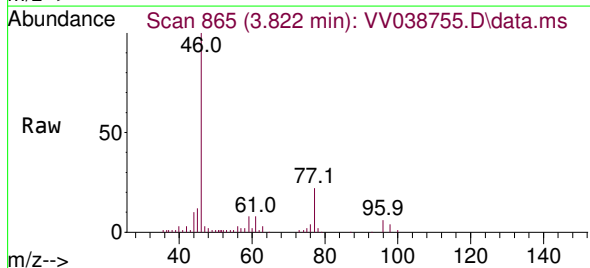
#22
 cis-1,2-Dichloroethene
 Concen: 0.244 ug/L m
 RT: 3.822 min Scan# 864
 Delta R.T. 0.003 min
 Lab File: VV038755.D
 Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT2-2025-03

Tgt Ion: 96 Resp: 542
 Ion Ratio Lower Upper
 96 100
 61 131.0 83.6 155.2
 98 58.3 45.6 84.8

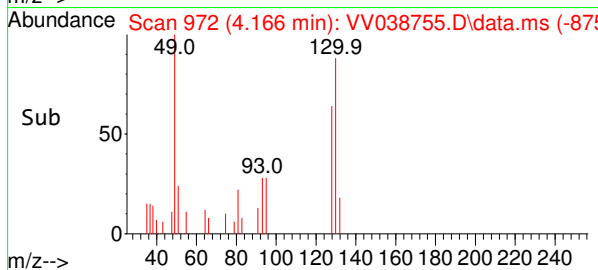
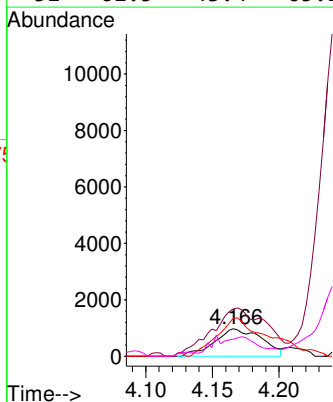
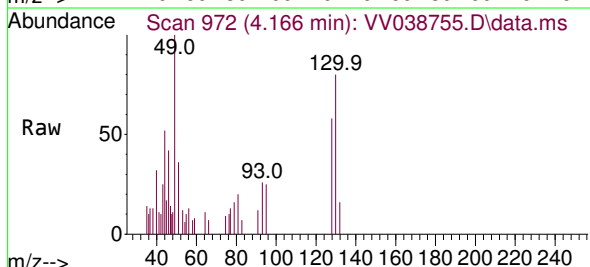
Manual Integrations
 APPROVED

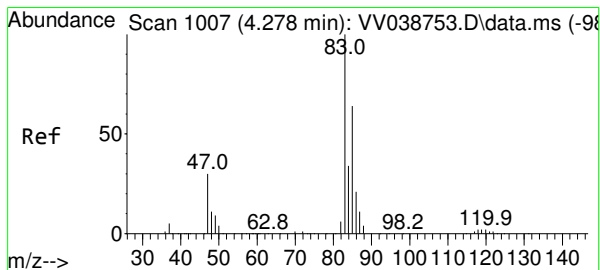
Reviewed By :Amit Patel 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#23
 Bromochloromethane
 Concen: 0.241 ug/L
 RT: 4.166 min Scan# 972
 Delta R.T. 0.013 min
 Lab File: VV038755.D
 Acq: 05 Jun 2025 13:00

Tgt Ion:128 Resp: 2413
 Ion Ratio Lower Upper
 128 100
 49 171.6 116.0 215.4
 130 137.2 90.2 167.6
 51 61.5 43.4 65.2





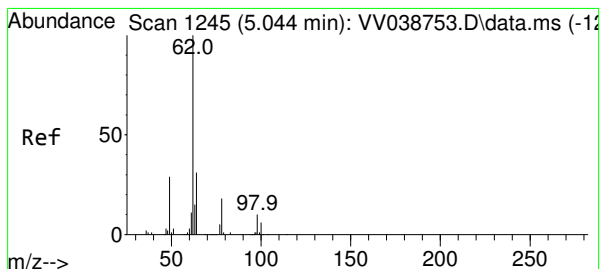
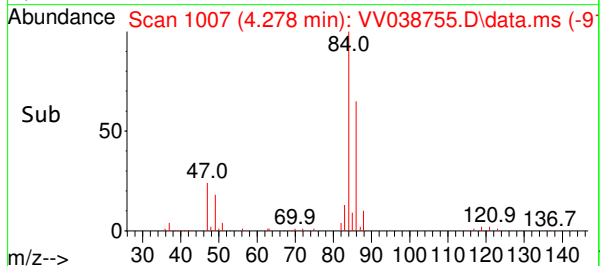
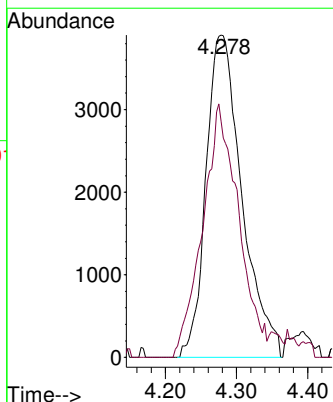
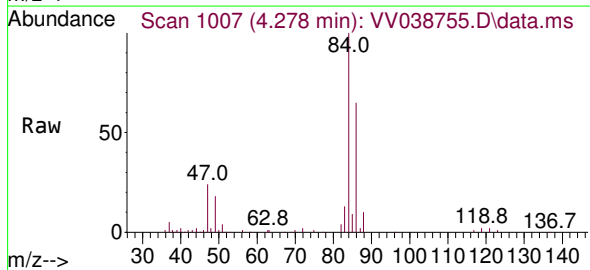
#25
Chloroform
Concen: 0.309 ug/L
RT: 4.278 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

Tgt Ion: 83 Resp: 1376
Ion Ratio Lower Upper
83 100
85 73.2 47.2 87.6

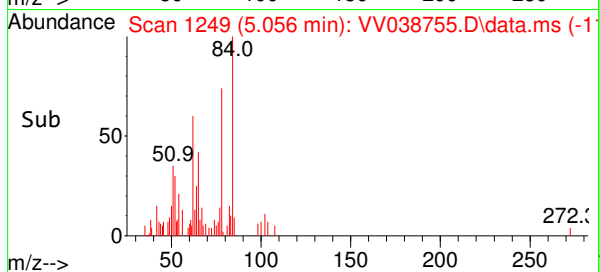
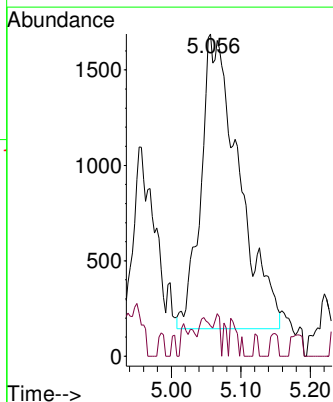
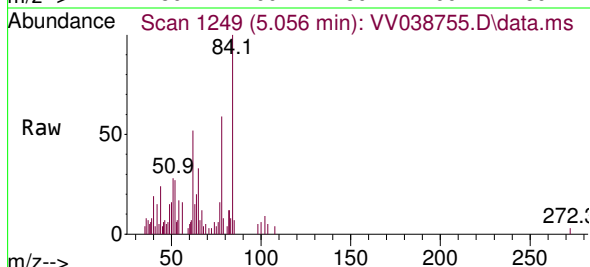
Manual Integrations
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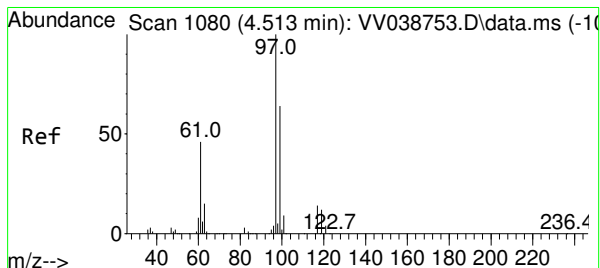
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#27
1,2-Dichloroethane
Concen: 0.235 ug/L m
RT: 5.056 min Scan# 1249
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion: 62 Resp: 5854
Ion Ratio Lower Upper
62 100
98 9.5 7.7 11.5





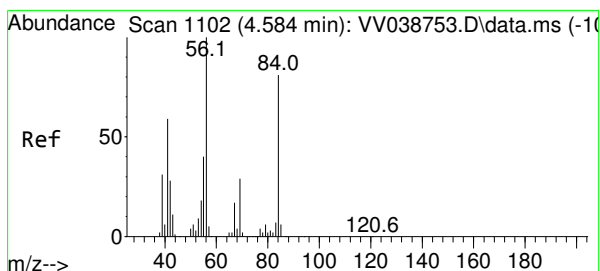
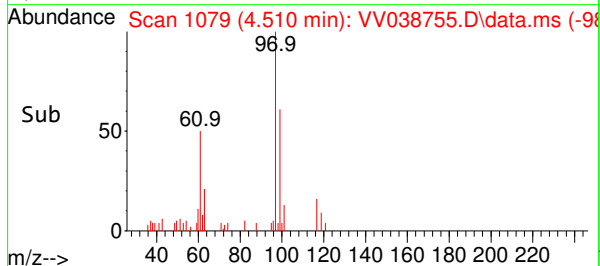
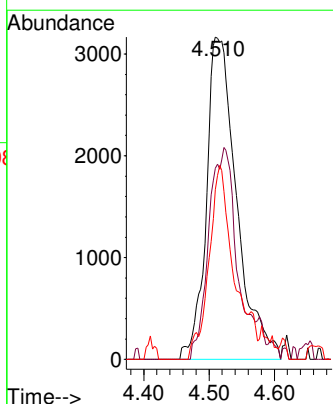
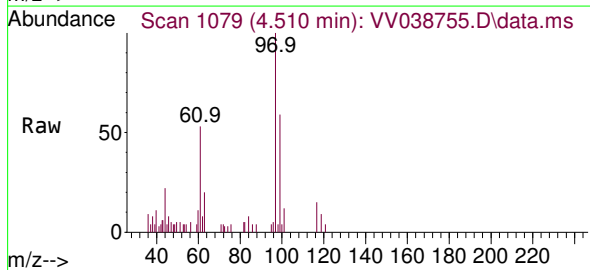
#29
1,1,1-Trichloroethane
Concen: 0.267 ug/L
RT: 4.510 min Scan# 1080
Delta R.T. -0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

Tgt Ion: 97 Resp: 1021
Ion Ratio Lower Upper
97 100
99 60.4 50.9 76.3
61 49.7 35.8 53.6

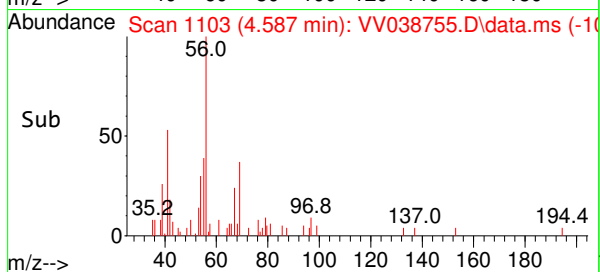
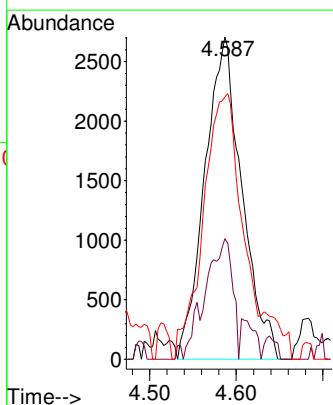
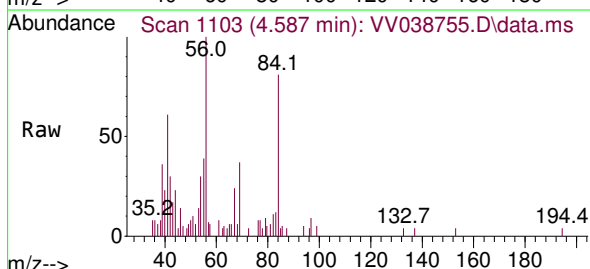
Manual Integrations
APPROVED

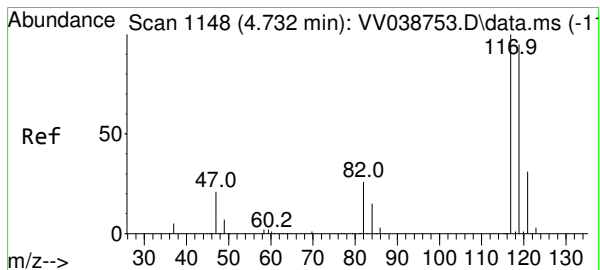
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#30
Cyclohexane
Concen: 0.228 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion: 56 Resp: 8075
Ion Ratio Lower Upper
56 100
69 23.3 24.0 36.0#
84 84.9 72.7 109.1





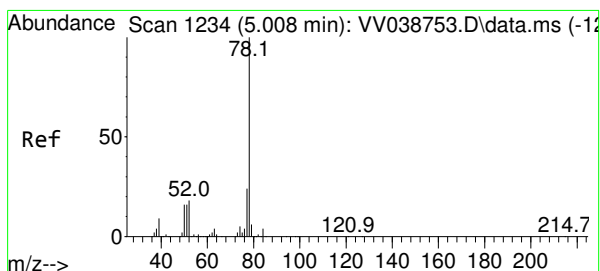
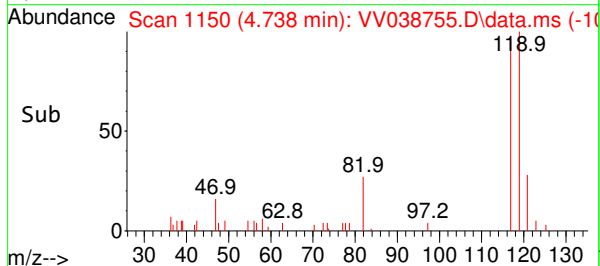
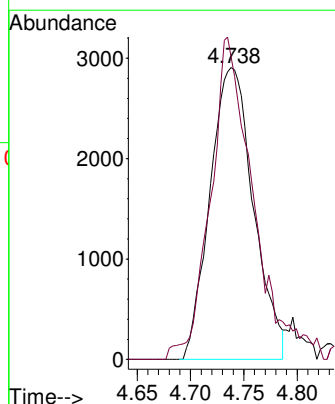
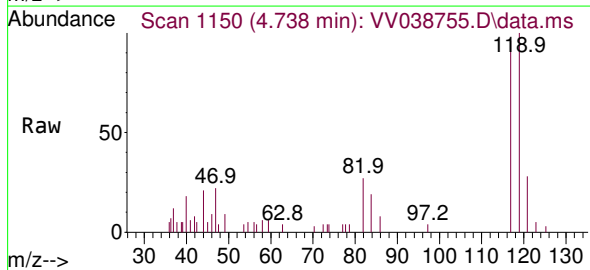
#31
Carbon tetrachloride
Concen: 0.244 ug/L
RT: 4.738 min Scan# 1148
Delta R.T. 0.006 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId : VV038755.D
MDL-WATER-QT2-2025-03

Tgt Ion:117 Resp: 823
Ion Ratio Lower Upper
117 100
119 109.2 76.5 114.7

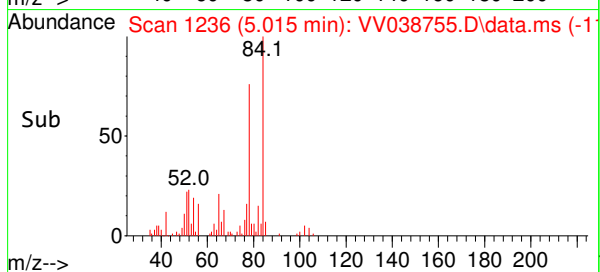
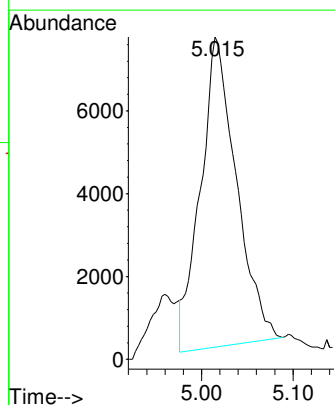
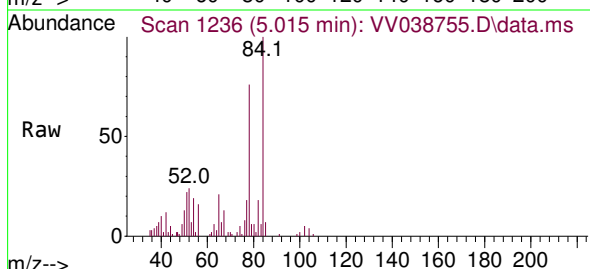
Manual Integrations
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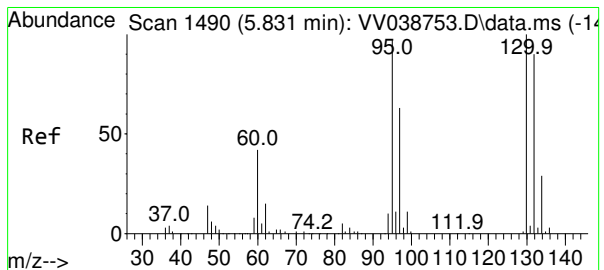
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#33
Benzene
Concen: 0.227 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion: 78 Resp: 20369





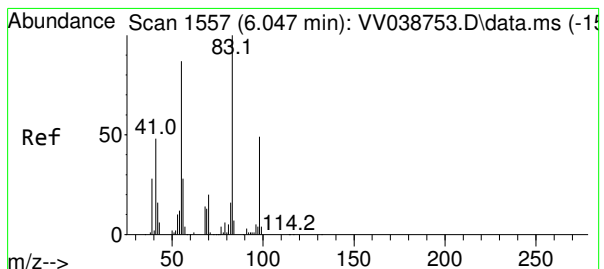
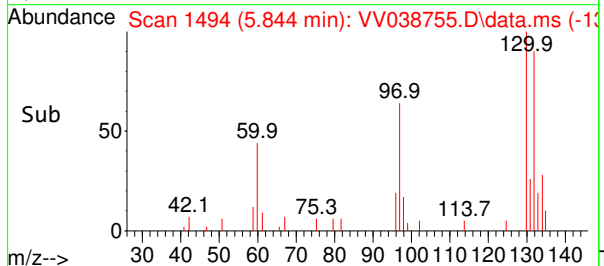
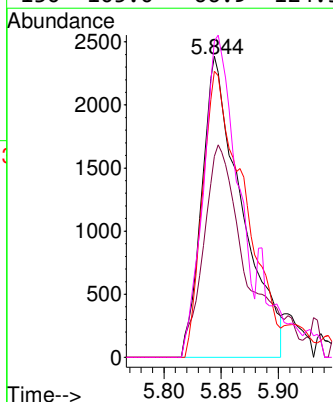
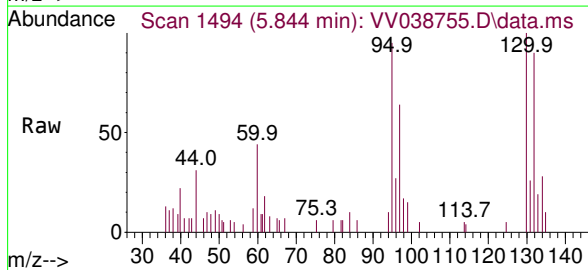
#34
Trichloroethene
Concen: 0.251 ug/L
RT: 5.844 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

Tgt Ion	Ratio	Lower	Upper
95	100		
97	66.8	43.5	80.9
132	95.0	64.0	118.8
130	105.0	66.9	124.3

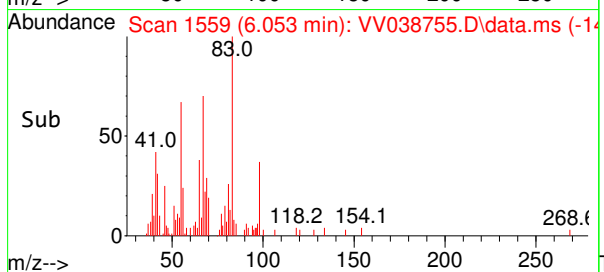
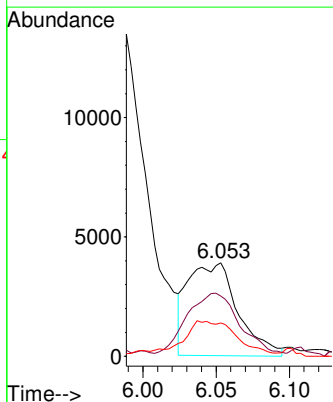
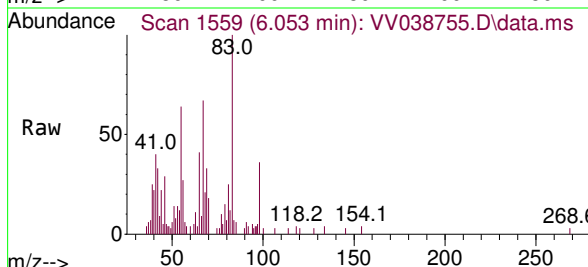
Manual Integrations
APPROVED

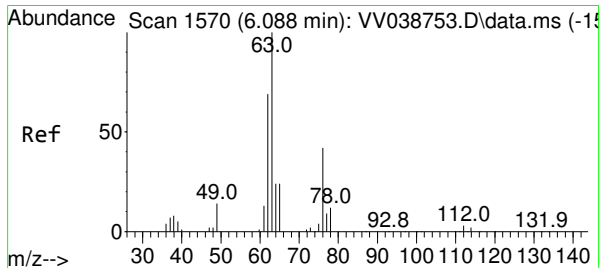
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#35
Methylcyclohexane
Concen: 0.255 ug/L m
RT: 6.053 min Scan# 1559
Delta R.T. 0.006 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.7	62.6	94.0
98	41.3	38.7	58.1





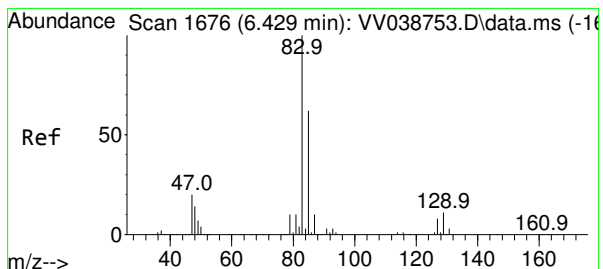
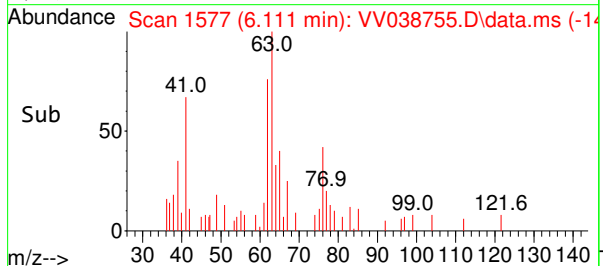
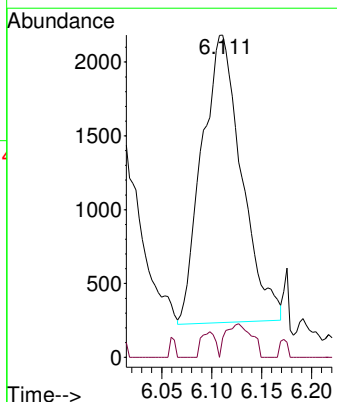
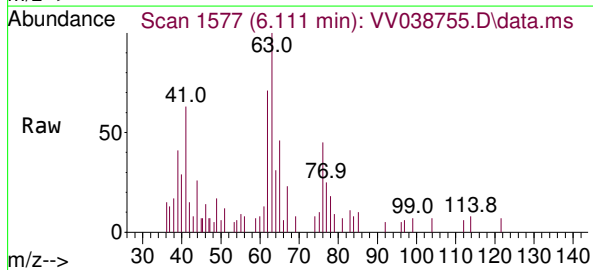
#37
1,2-Dichloropropane
Concen: 0.228 ug/L
RT: 6.111 min Scan# 1577
Delta R.T. 0.022 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId : VV038755.D
MDL-WATER-QT2-2025-03

Tgt Ion: 63 Resp: 546
Ion Ratio Lower Upper
63 100
112 3.1 3.6 5.4

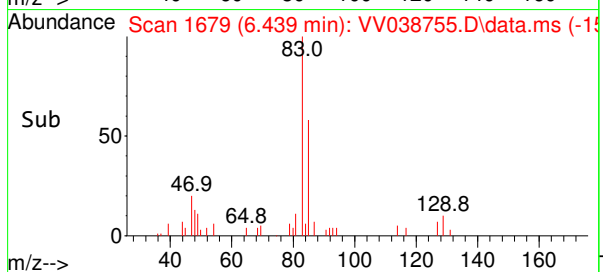
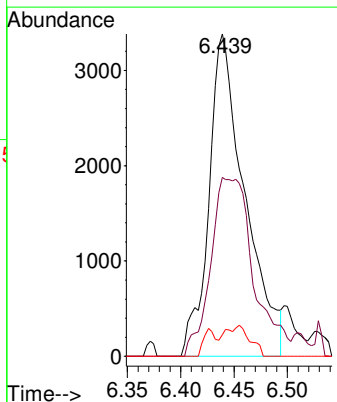
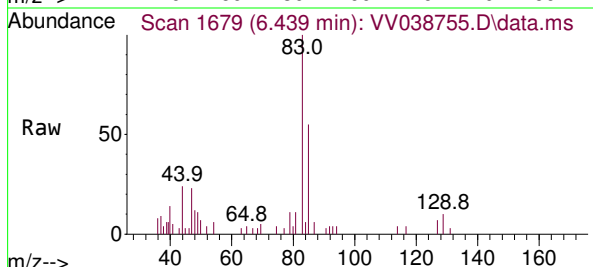
Manual Integrations
APPROVED

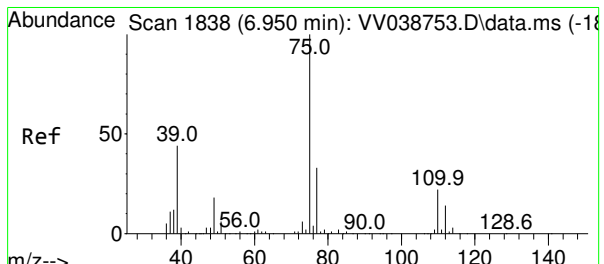
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#38
Bromodichloromethane
Concen: 0.256 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.010 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion: 83 Resp: 7918
Ion Ratio Lower Upper
83 100
85 55.5 44.0 81.6
127 6.6 6.2 9.4





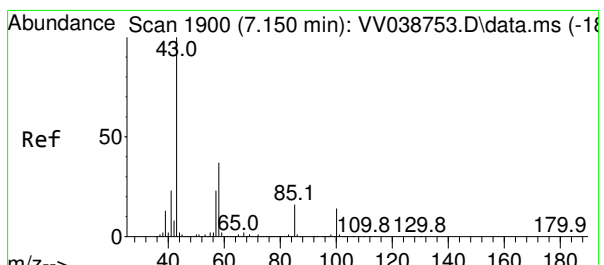
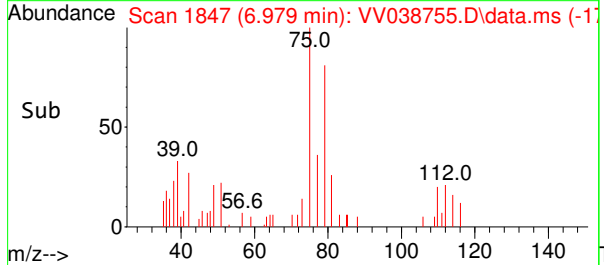
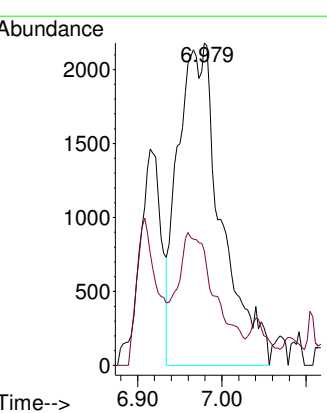
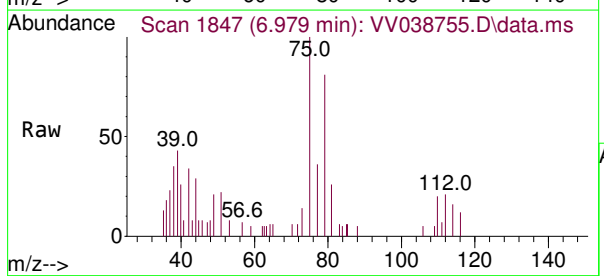
#39
 cis-1,3-Dichloropropene
 Concen: 0.248 ug/L m
 RT: 6.979 min Scan# 1
 Delta R.T. 0.029 min
 Lab File: VV038755.D
 Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT2-2025-03

Tgt Ion: 75 Resp: 778

Ion	Ratio	Lower	Upper
75	100		
77	35.6	21.3	39.5

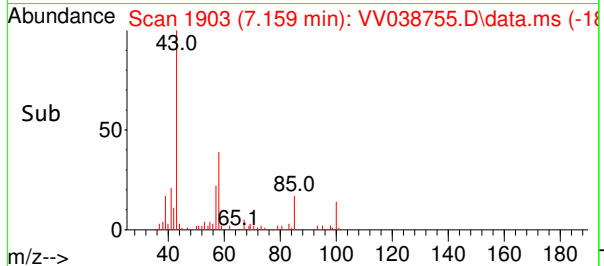
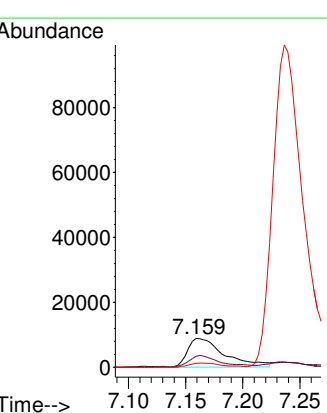
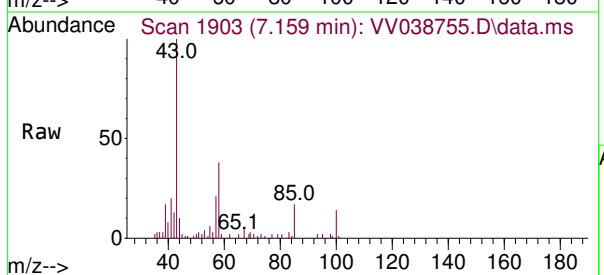
Manual Integrations
APPROVED
 Reviewed By :Amit Patel 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025

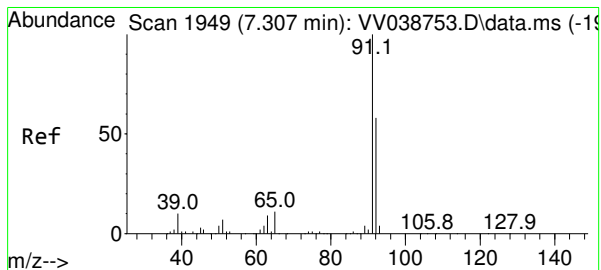


#40
 4-Methyl-2-pentanone
 Concen: 1.838 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.010 min
 Lab File: VV038755.D
 Acq: 05 Jun 2025 13:00

Tgt Ion: 43 Resp: 19889

Ion	Ratio	Lower	Upper
43	100		
58	35.2	31.1	46.7
100	0.0	12.0	18.0





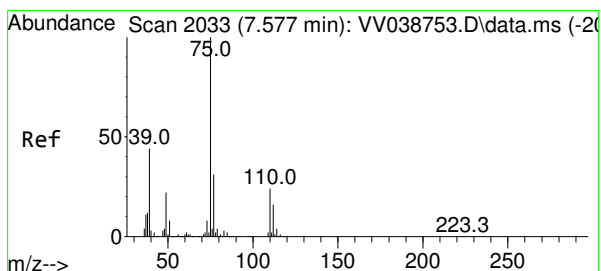
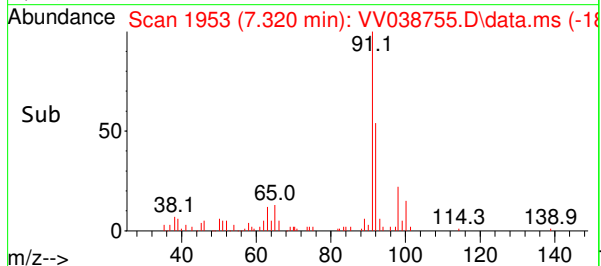
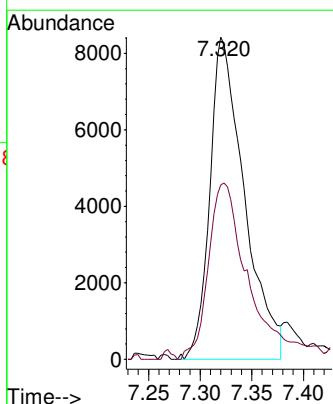
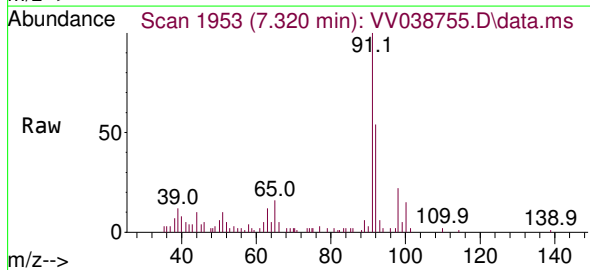
#42
Toluene
Concen: 0.215 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

Tgt Ion: 91 Resp: 1953
Ion Ratio Lower Upper
91 100
92 54.1 39.3 72.9

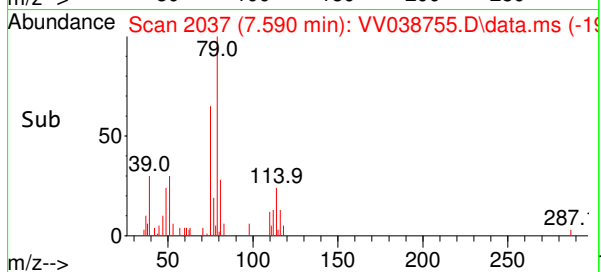
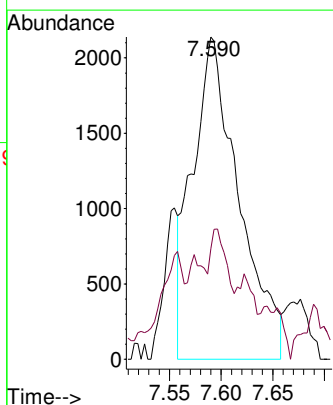
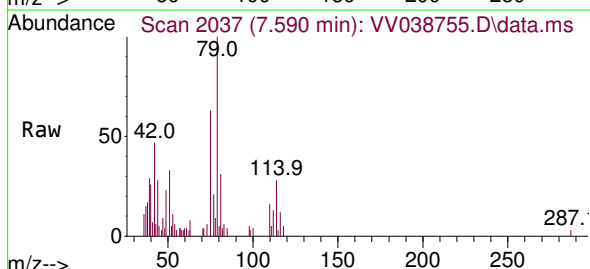
Manual Integrations
APPROVED

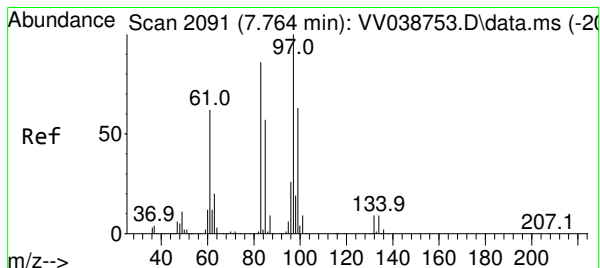
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#44
trans-1,3-Dichloropropene
Concen: 0.253 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion: 75 Resp: 6691
Ion Ratio Lower Upper
75 100
77 34.3 21.4 39.8





#45

1,1,2-Trichloroethane

Concen: 0.268 ug/L

RT: 7.776 min Scan# 2135

Delta R.T. 0.013 min

Lab File: VV038755.D

Acq: 05 Jun 2025 13:00

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2025-03

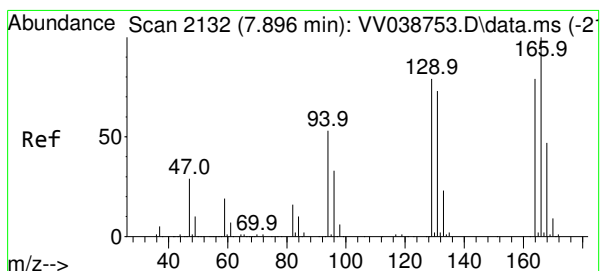
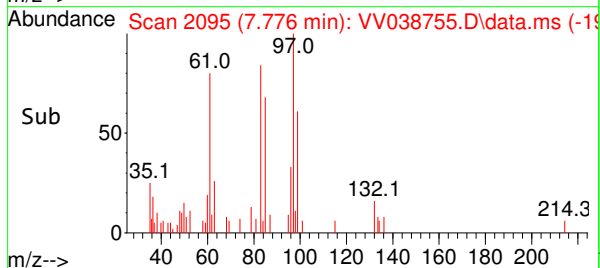
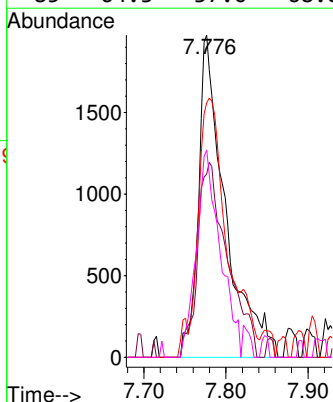
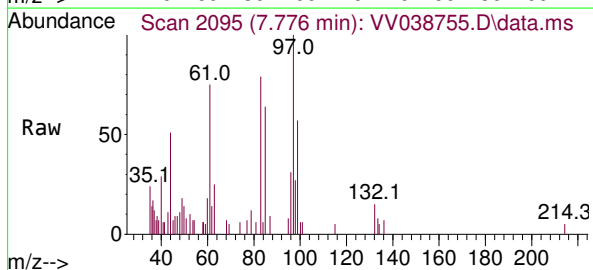
Tgt Ion:	97	Resp:	449
Ion	Ratio	Lower	Upper
97	100		
99	56.9	42.7	79.3
83	78.9	57.2	106.2
85	64.3	37.0	68.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#47

Tetrachloroethene

Concen: 0.259 ug/L

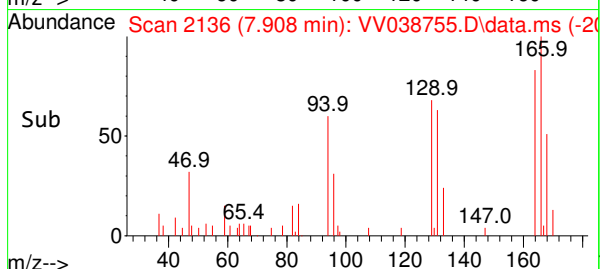
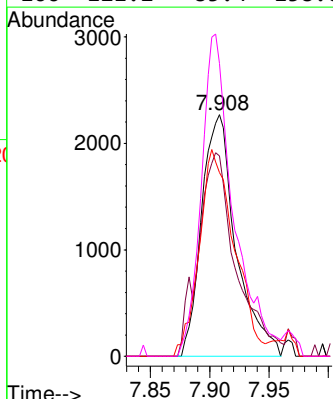
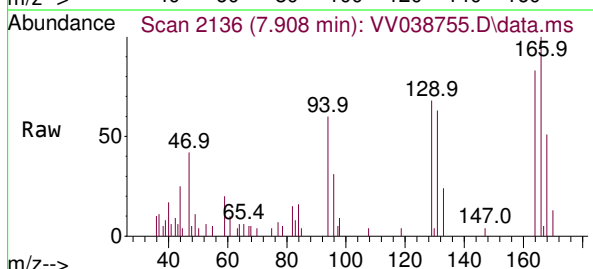
RT: 7.908 min Scan# 2136

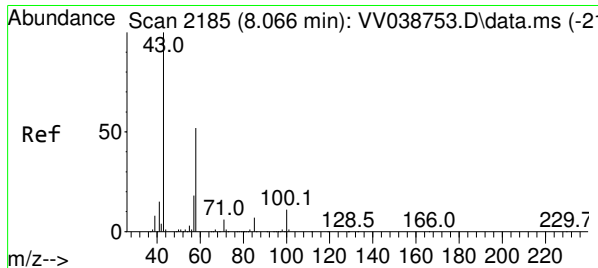
Delta R.T. 0.013 min

Lab File: VV038755.D

Acq: 05 Jun 2025 13:00

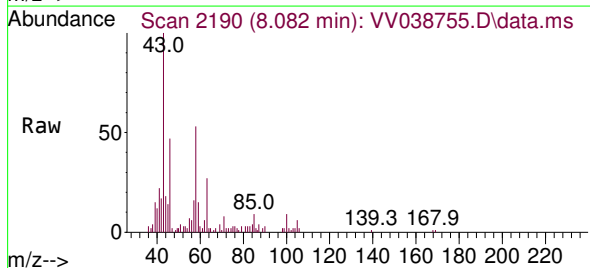
Tgt Ion:	164	Resp:	4572
Ion	Ratio	Lower	Upper
164	100		
129	82.9	66.3	123.1
131	76.0	63.2	117.4
166	121.2	85.4	158.6





#48
2-Hexanone
Concen: 3.375 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.016 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

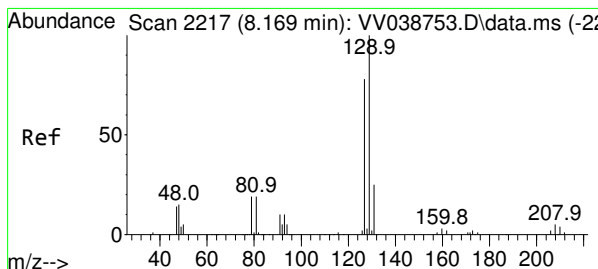
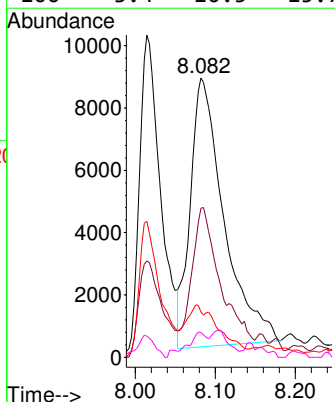
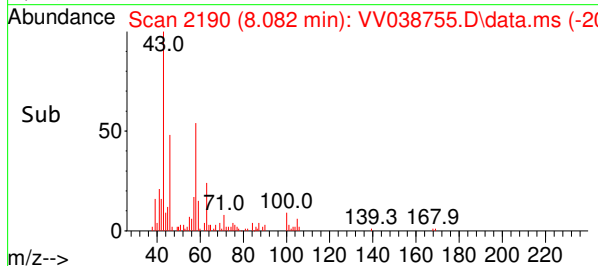
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03



Tgt Ion: 43 Resp: 2521
Ion Ratio Lower Upper
43 100
58 50.0 46.1 69.1
57 3.7 15.0 22.6
100 3.4 10.5 15.7#

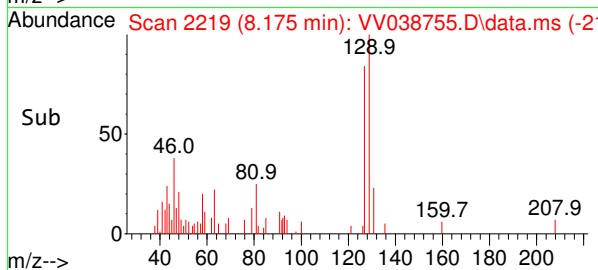
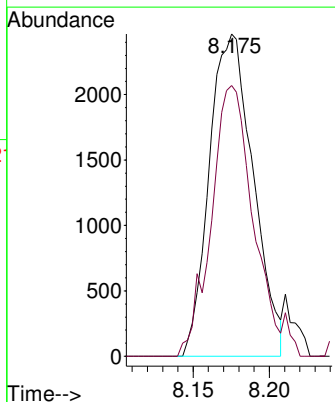
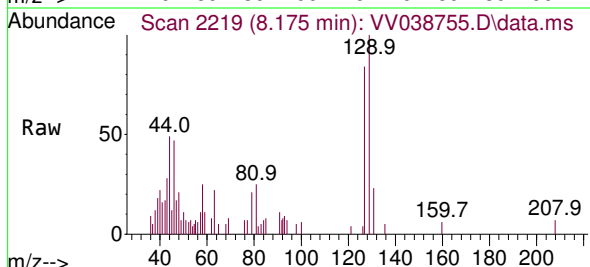
Manual Integrations
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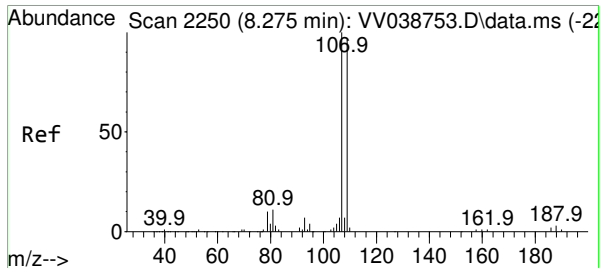
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#49
Dibromochloromethane
Concen: 0.264 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.006 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:129 Resp: 4922
Ion Ratio Lower Upper
129 100
127 84.0 53.5 99.3





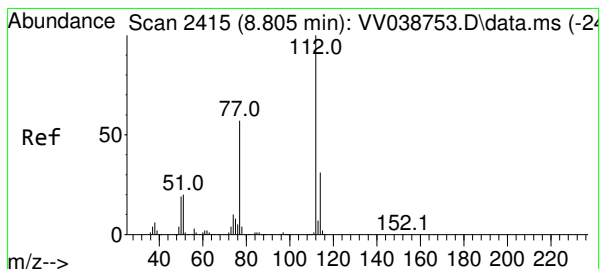
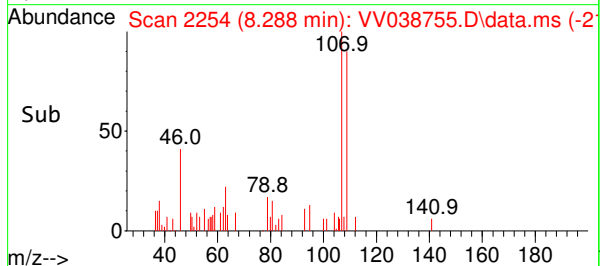
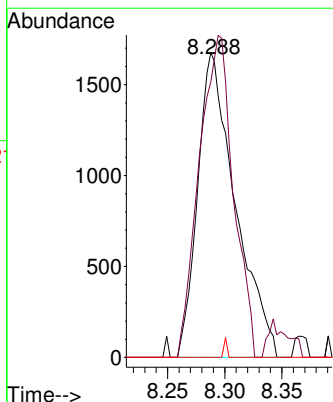
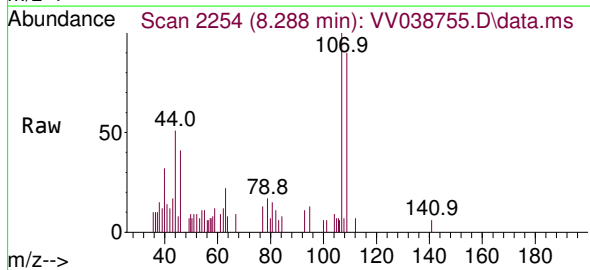
#50
1,2-Dibromoethane
Concen: 0.263 ug/L
RT: 8.288 min Scan# 2154
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

Tgt Ion:107 Resp: 384
Ion Ratio Lower Upper
107 100
109 90.4 70.2 130.4
188 0.0 2.8 4.2

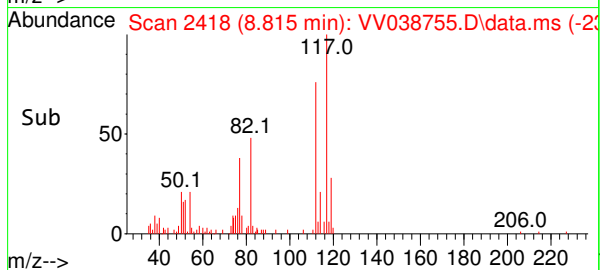
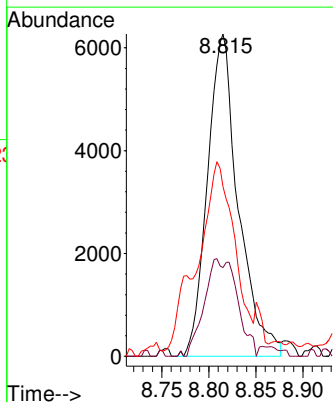
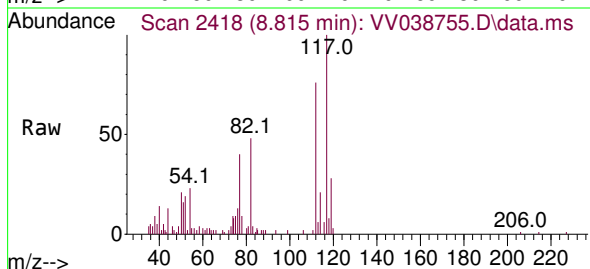
Manual Integrations
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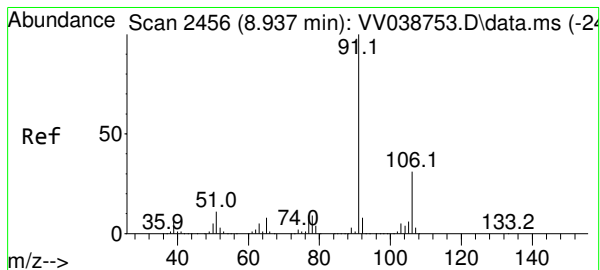
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#51
Chlorobenzene
Concen: 0.243 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.010 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:112 Resp: 14330
Ion Ratio Lower Upper
112 100
114 27.5 22.6 42.0
77 52.6 47.0 70.6





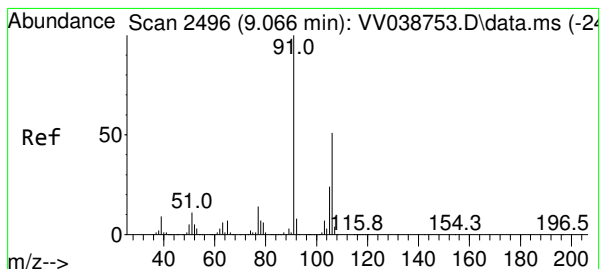
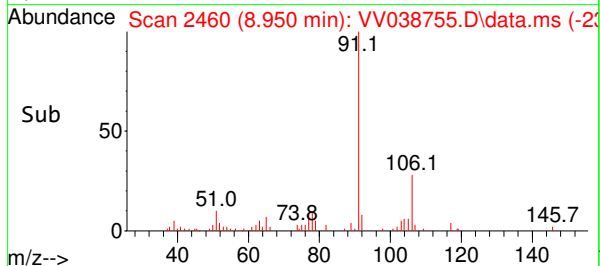
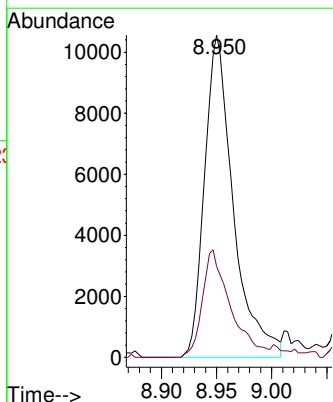
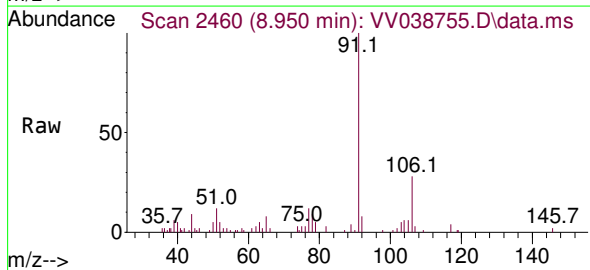
#52
Ethylbenzene
Concen: 0.206 ug/L
RT: 8.950 min Scan# 218
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId : VV038755.D
MDL-WATER-QT2-2025-03

Tgt Ion: 91 Resp: 1918
Ion Ratio Lower Upper
91 100
106 28.2 21.3 39.6

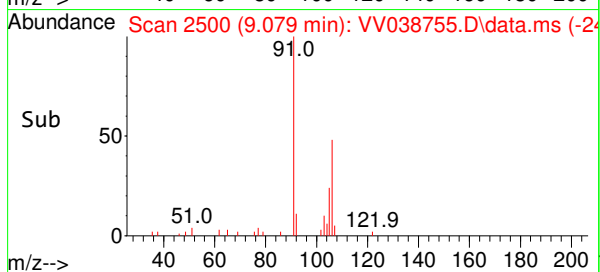
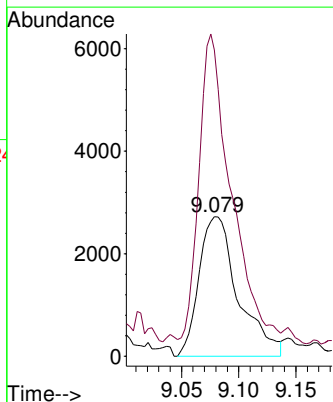
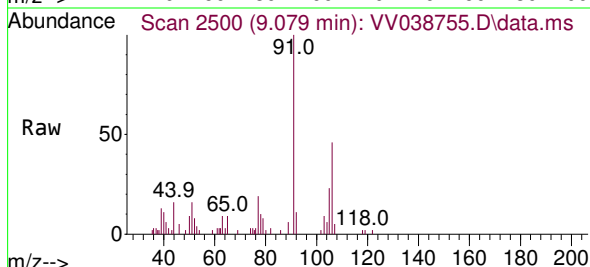
Manual Integrations
APPROVED

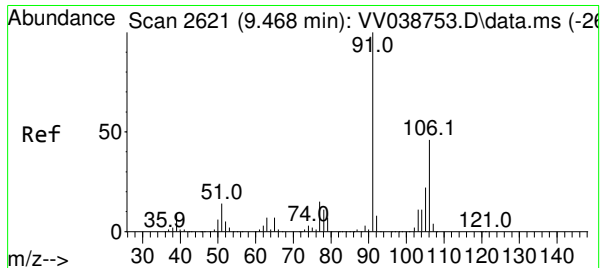
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#53
m,p-Xylene
Concen: 0.185 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:106 Resp: 6512
Ion Ratio Lower Upper
106 100
91 219.4 146.3 271.7





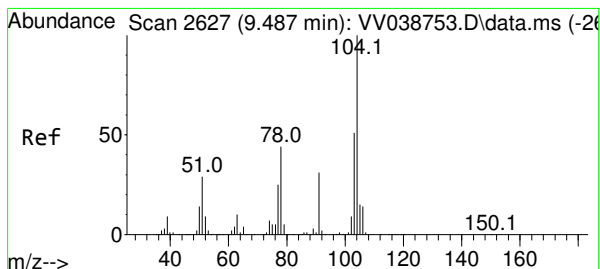
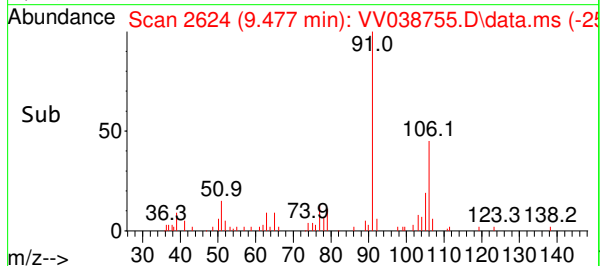
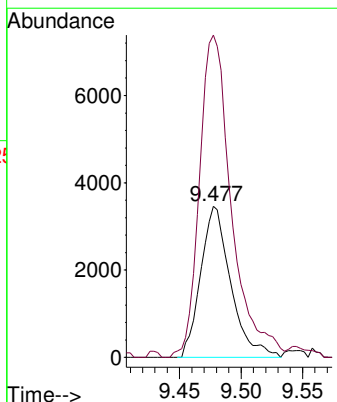
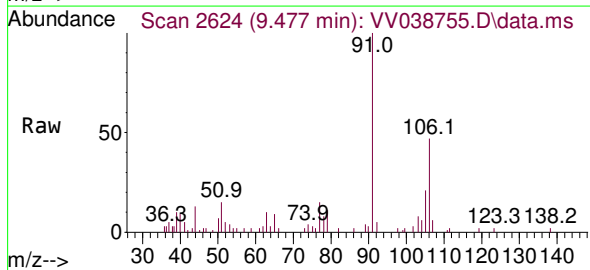
#54
o-Xylene
Concen: 0.176 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

Tgt Ion:106 Resp: 587
Ion Ratio Lower Upper
106 100
91 213.3 150.8 280.0

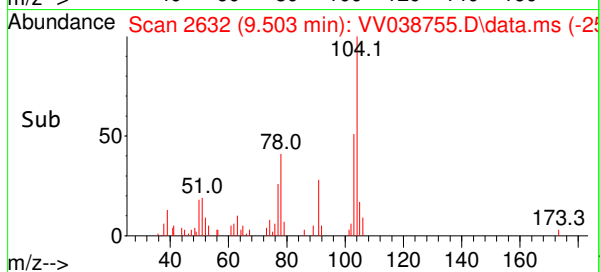
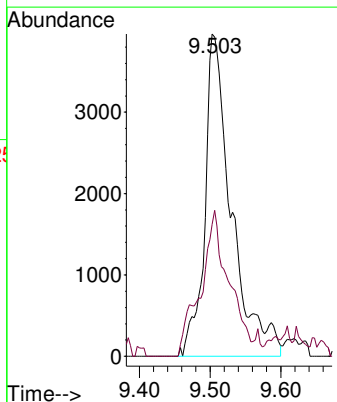
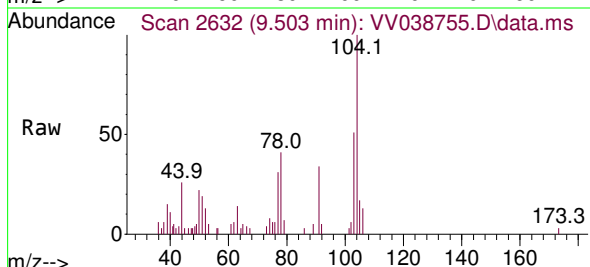
Manual Integrations
APPROVED

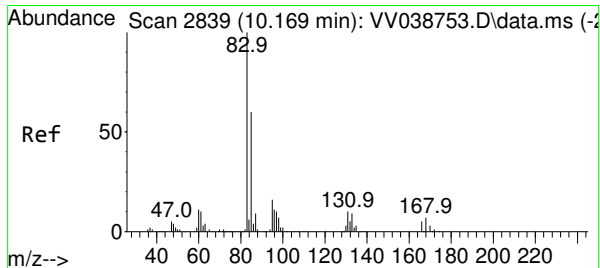
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#55
Styrene
Concen: 0.181 ug/L m
RT: 9.503 min Scan# 2632
Delta R.T. 0.016 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:104 Resp: 10312
Ion Ratio Lower Upper
104 100
78 41.0 30.5 56.7





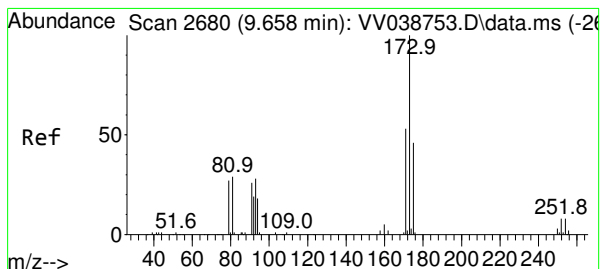
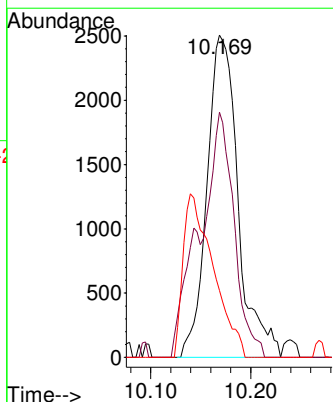
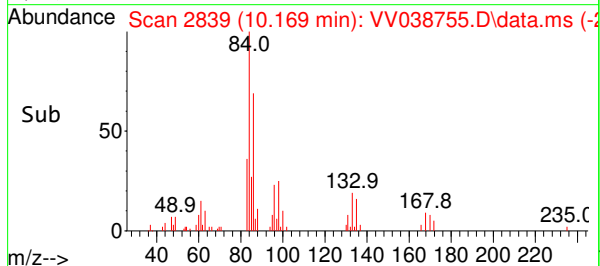
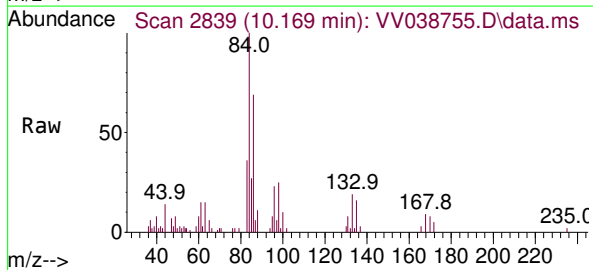
#57
1,1,2,2-Tetrachloroethane
Concen: 0.283 ug/L
RT: 10.169 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

Tgt Ion:	83	Resp:	543
Ion	Ratio	Lower	Upper
83	100		
85	76.0	46.1	85.5
131	20.8	8.5	12.7

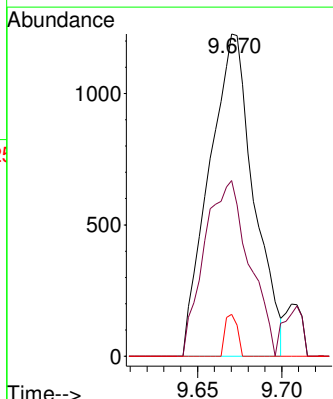
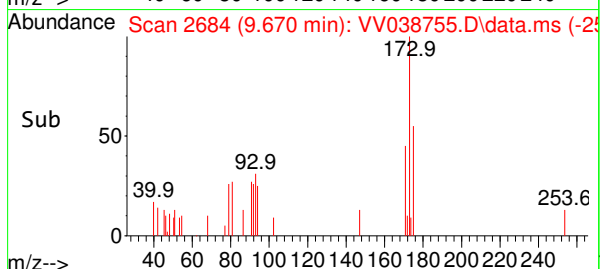
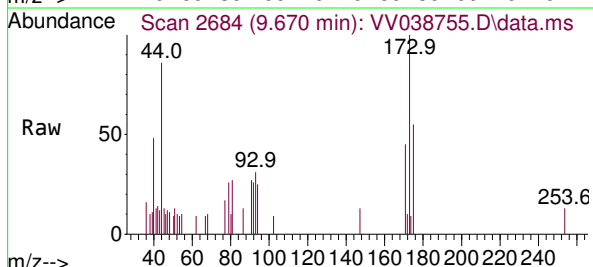
Manual Integrations
APPROVED

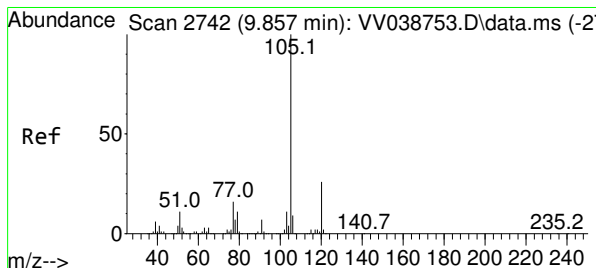
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#59
Bromoform
Concen: 0.300 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:	173	Resp:	2255
Ion	Ratio	Lower	Upper
173	100		
175	54.9	39.5	59.3
254	3.6	5.7	8.5#





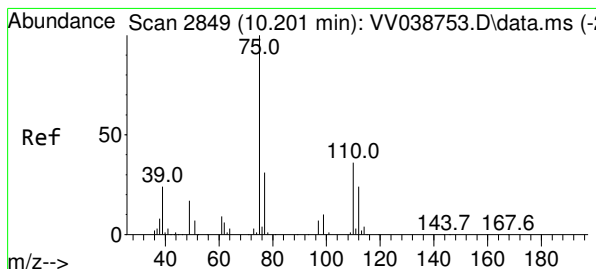
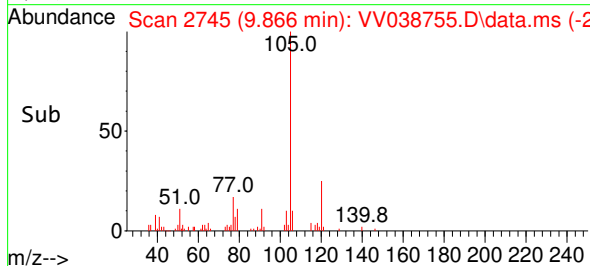
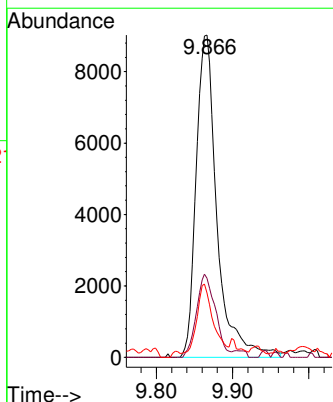
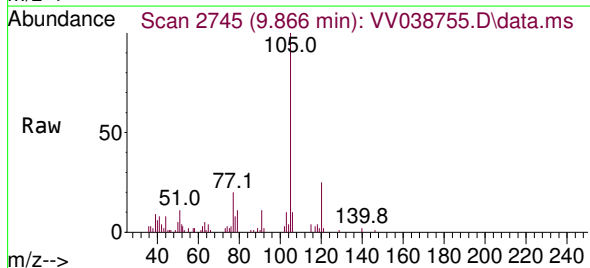
#60
Isopropylbenzene
Concen: 0.242 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

Tgt Ion	105	Resp	1720
Ion	Ratio	Lower	Upper
105	100		
120	23.5	21.0	31.4
77	17.7	12.2	18.4

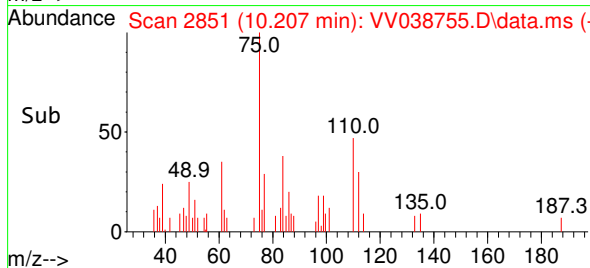
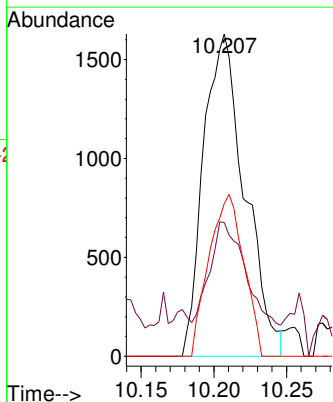
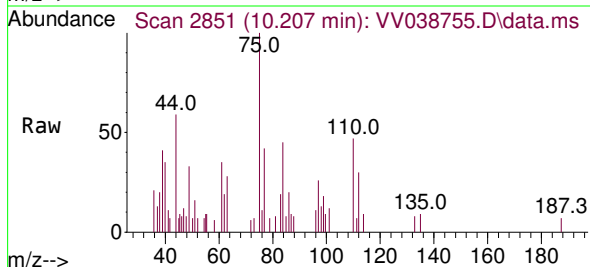
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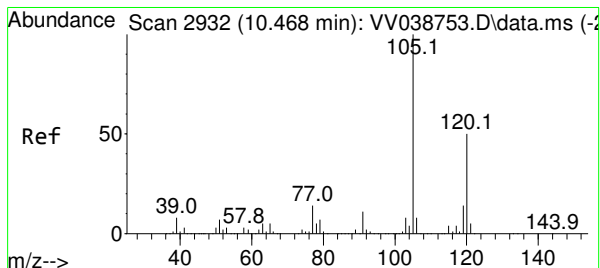
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#61
1,2,3-Trichloropropane
Concen: 0.315 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.006 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion	75	Resp	3214
Ion	Ratio	Lower	Upper
75	100		
77	27.0	25.5	38.3
110	42.2	30.9	46.3





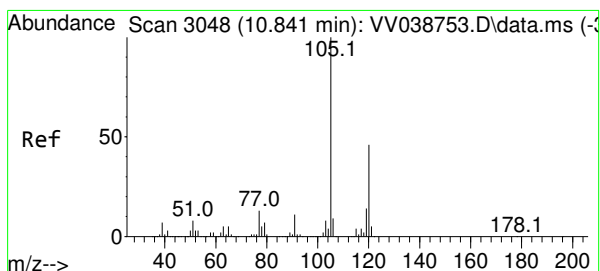
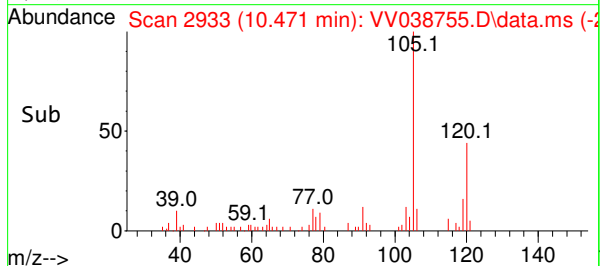
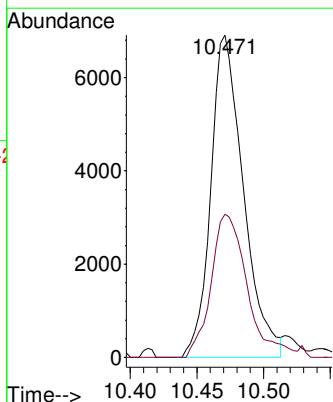
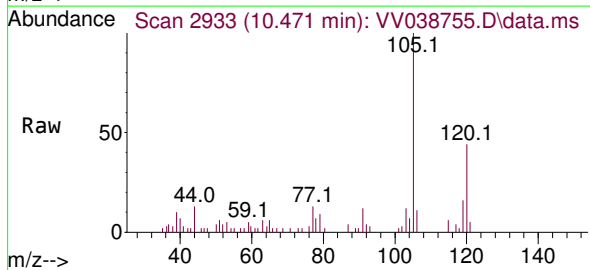
#62
1,3,5-Trimethylbenzene
Concen: 0.215 ug/L
RT: 10.471 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

Tgt Ion:105 Resp: 1177
Ion Ratio Lower Upper
105 100
120 49.1 38.3 57.5

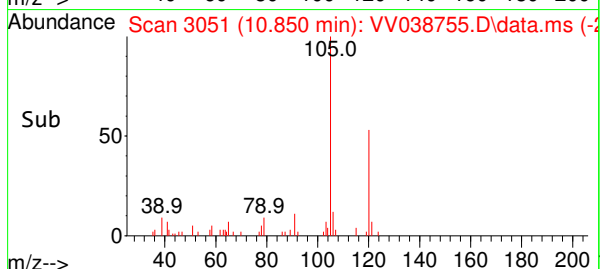
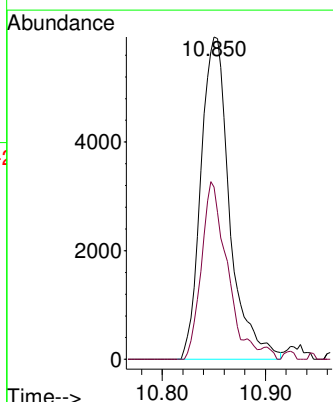
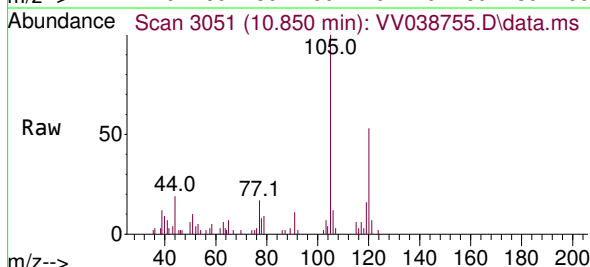
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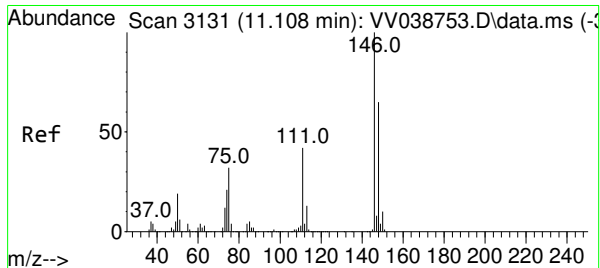
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#63
1,2,4-Trimethylbenzene
Concen: 0.210 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.010 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:105 Resp: 11477
Ion Ratio Lower Upper
105 100
120 48.9 36.2 54.2





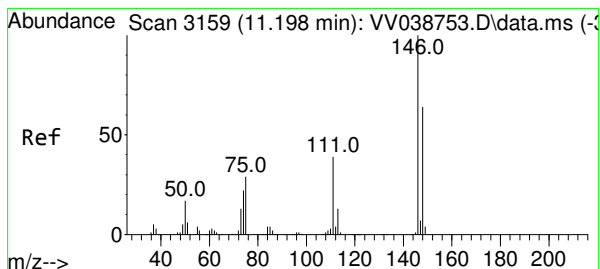
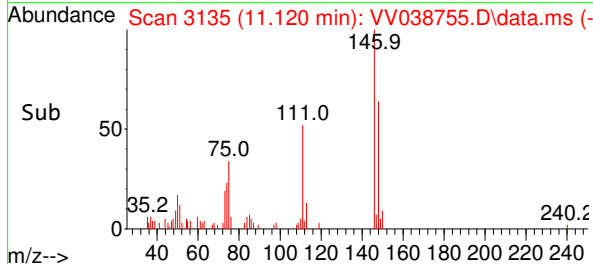
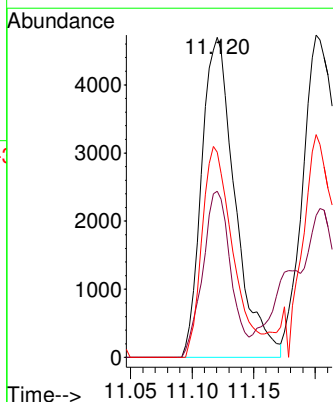
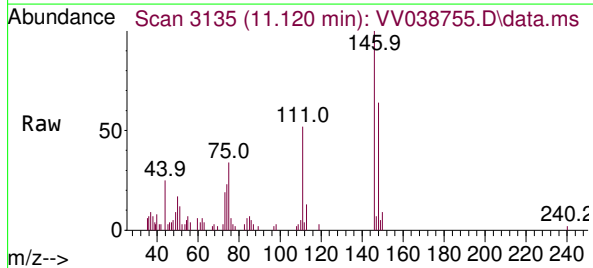
#64
 1,3-Dichlorobenzene
 Concen: 0.258 ug/L
 RT: 11.120 min Scan# 3135
 Delta R.T. 0.013 min
 Lab File: VV038755.D
 Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT2-2025-03

Tgt Ion:	146	Resp:	887
Ion Ratio	Lower	Upper	
146	100		
111	52.0	29.0	53.9
148	64.1	44.1	81.9

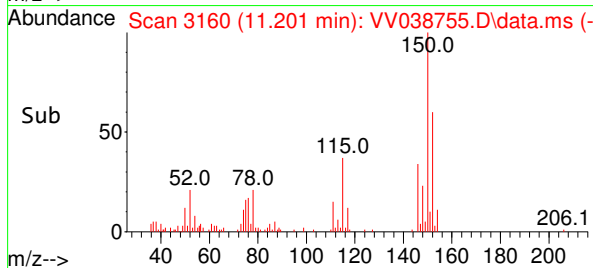
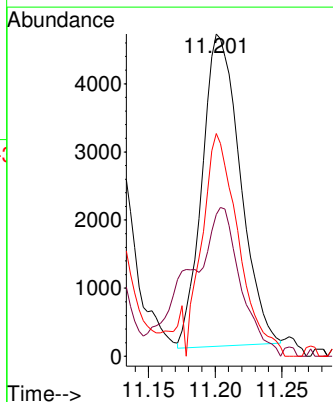
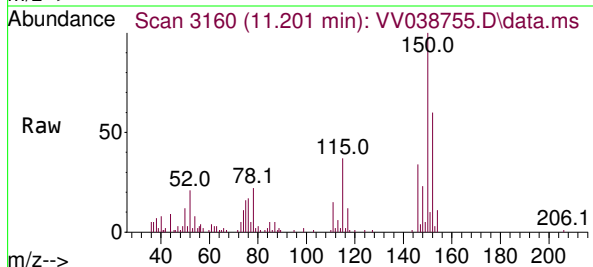
Manual Integrations
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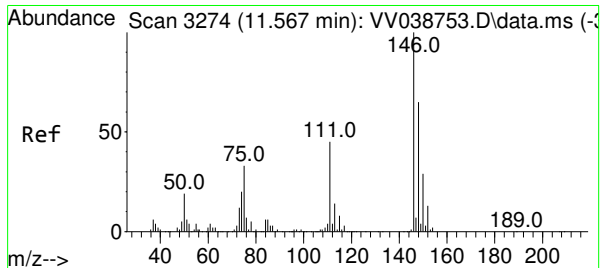
Reviewed By :Amit Patel 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#65
 1,4-Dichlorobenzene
 Concen: 0.252 ug/L
 RT: 11.201 min Scan# 3160
 Delta R.T. 0.003 min
 Lab File: VV038755.D
 Acq: 05 Jun 2025 13:00

Tgt Ion:	146	Resp:	9088
Ion Ratio	Lower	Upper	
146	100		
111	44.0	27.7	51.5
148	69.0	44.9	83.5





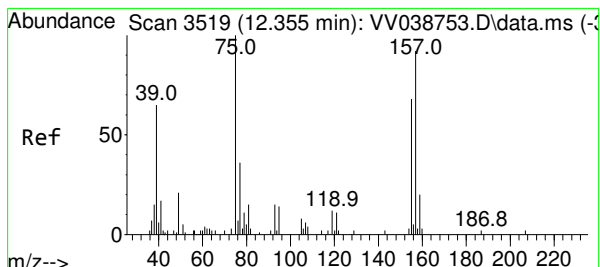
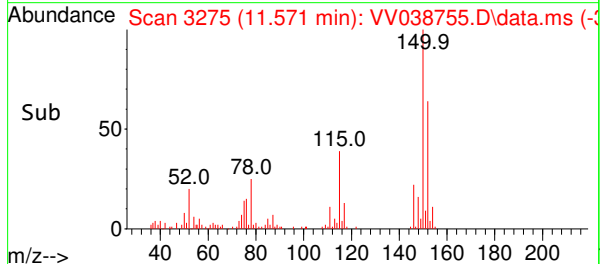
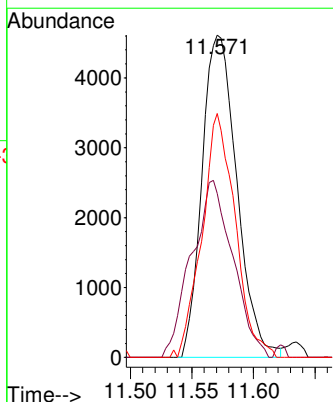
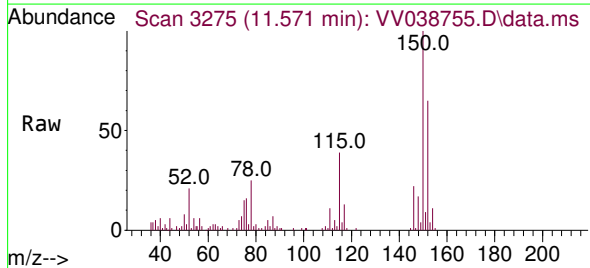
#67
1,2-Dichlorobenzene
Concen: 0.289 ug/L
RT: 11.571 min Scan# 3125
Delta R.T. 0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2025-03

Tgt Ion: 146 Resp: 908
Ion Ratio Lower Upper
146 100
111 50.9 35.4 53.6
148 75.6 52.2 78.2

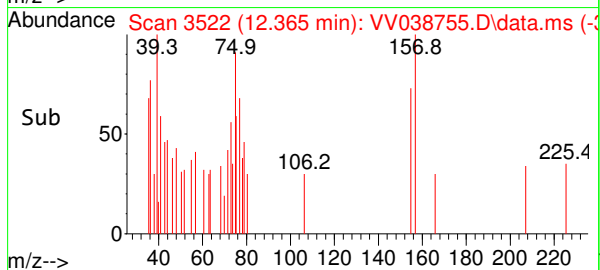
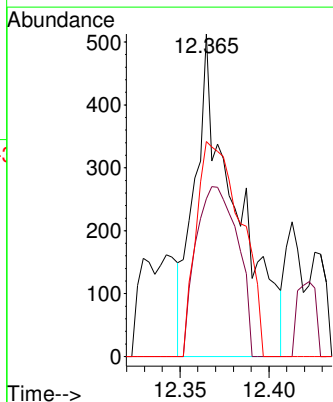
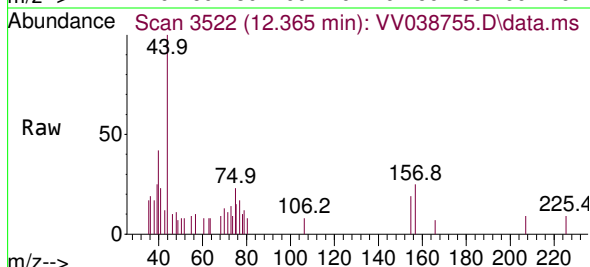
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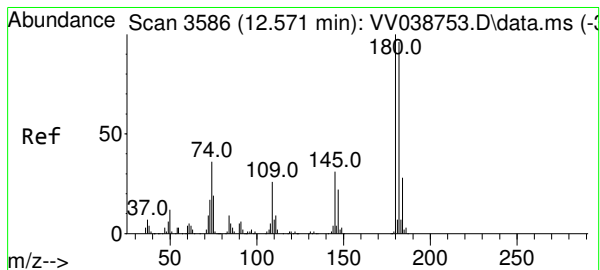
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#68
1,2-Dibromo-3-chloropropane
Concen: 0.370 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.010 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion: 75 Resp: 807
Ion Ratio Lower Upper
75 100
155 48.9 60.3 90.5#
157 66.7 76.9 115.3#





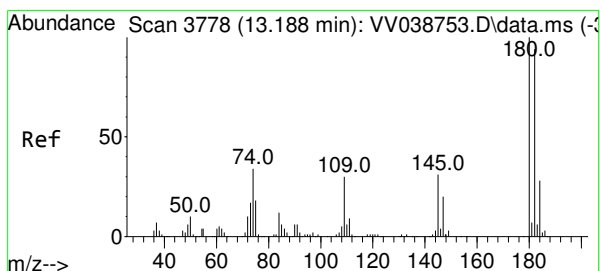
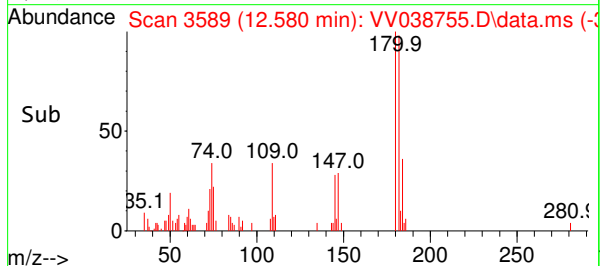
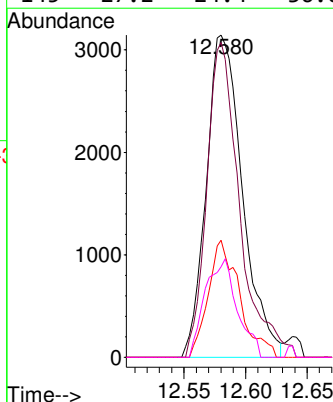
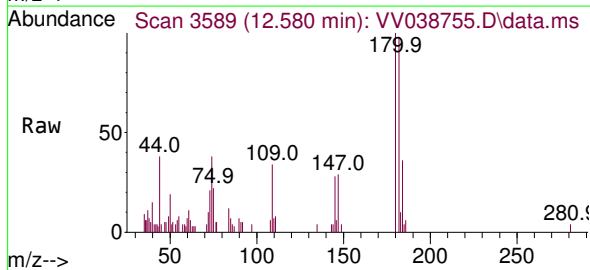
#69
1,3,5-Trichlorobenzene
Concen: 0.289 ug/L
RT: 12.580 min Scan# 3586
Delta R.T. 0.010 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

Tgt Ion:180 Resp: 642
Ion Ratio Lower Upper
180 100
182 88.8 75.6 113.4
184 31.6 24.1 36.1
145 27.2 24.4 36.6

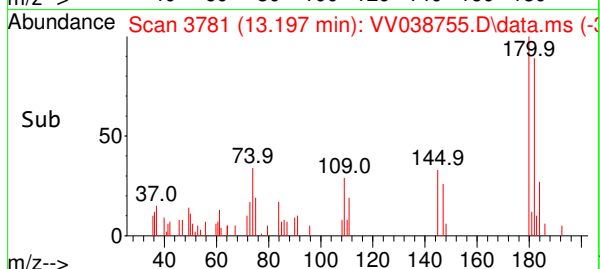
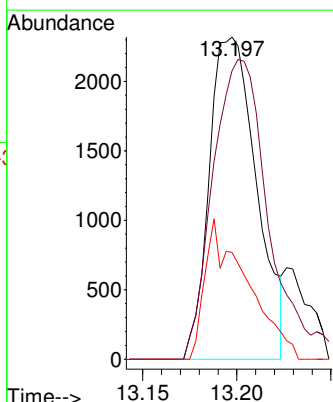
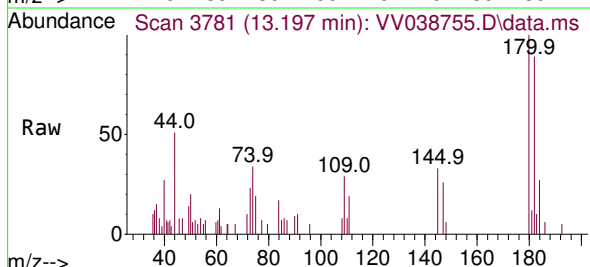
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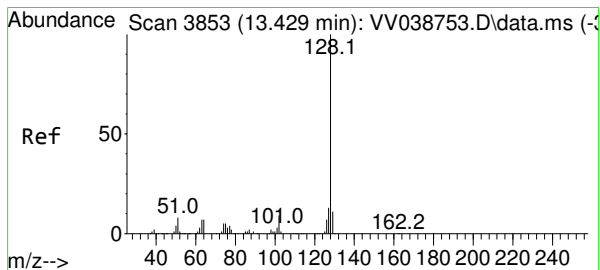
Reviewed By :Amit Patel 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#70
1,2,4-trichlorobenzene
Concen: 0.232 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.010 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion:180 Resp: 4065
Ion Ratio Lower Upper
180 100
182 109.5 76.6 115.0
145 38.7 26.0 39.0





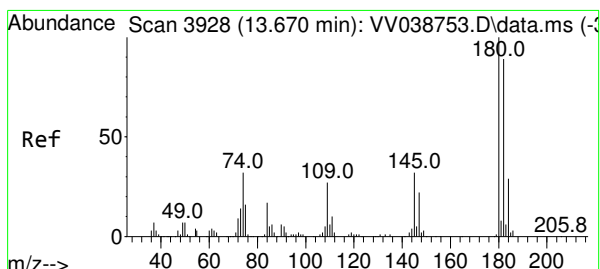
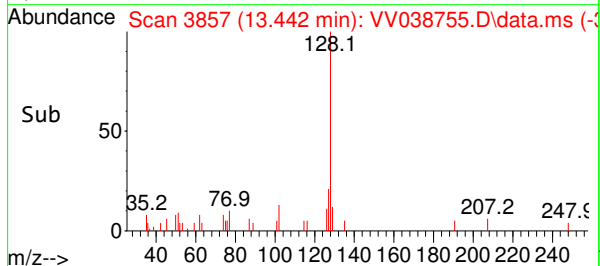
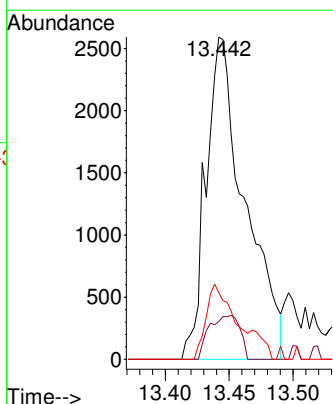
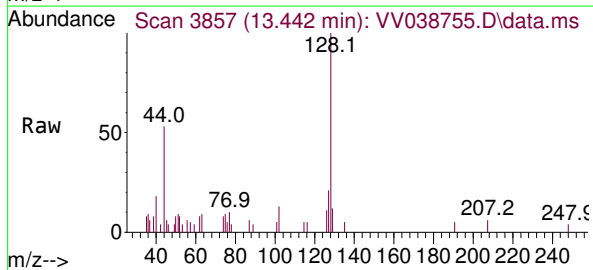
#71
Naphthalene
Concen: 0.194 ug/L
RT: 13.442 min Scan# 3128
Delta R.T. 0.013 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2025-03

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	7.6	11.4
127	19.5	10.9	16.3

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



#72
1,2,3-Trichlorobenzene
Concen: 0.245 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.003 min
Lab File: VV038755.D
Acq: 05 Jun 2025 13:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.0	114.0
145	38.7	28.4	42.6

