

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091725\
 Data File : VU063604.D
 Acq On : 17 Sep 2025 14:01
 Operator : MD/SY
 Sample : Q2899-01
 Misc : 28mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2025-05

Quant Time: Sep 18 06:38:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 18 06:17:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt

09/22/2025
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	148155	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	136661	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65401	5.000	ug/L	0.00

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System Monitoring Compounds

4) Vinyl Chloride-d3	1.589	65	35327	4.638	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.898	69	34370	4.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.551	65	16079	4.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.618	46	98521	44.950	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.900%
24) Chloroform-d	5.049	84	78639	4.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.692	65	46843	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.714	84	149200	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.679	67	53301	5.018	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.888	98	137025	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.174	79	11872	4.083	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.624	63	71278	46.532	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	37565	4.387	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	50287	4.949	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	2318	0.197	ug/L	96
3) Chloromethane	1.512	50	2685	0.206	ug/L	92
5) Vinyl chloride	1.592	62	3082	0.221	ug/L #	80
6) Bromomethane	1.840	94	1838	0.223	ug/L	94
8) Chloroethane	1.917	64	1801	0.209	ug/L	94
9) Trichlorofluoromethane	2.126	101	3256	0.178	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.557	101	2613	0.253	ug/L #	77
12) 1,1-Dichloroethene	2.563	96	2086	0.218	ug/L #	1
14) Carbon disulfide	2.779	76	4824	0.191	ug/L #	95
16) Methylene chloride	3.033	84	3818	0.340	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	4296	0.182	ug/L #	82
18) trans-1,2-Dichloroethene	3.348	96	1885	0.190	ug/L	95
19) 1,1-Dichloroethane	3.856	63	3479	0.172	ug/L	94
21) 2-Butanone	4.727	43	12124m	4.341	ug/L	
22) cis-1,2-Dichloroethene	4.650	96	2068m	0.184	ug/L	
23) Bromochloromethane	4.981	128	791m	0.159	ug/L	
25) Chloroform	5.071	83	4924	0.238	ug/L	99
27) 1,2-Dichloroethane	5.792	62	2716	0.198	ug/L #	94
30) Cyclohexane	5.377	56	3119	0.169	ug/L #	83

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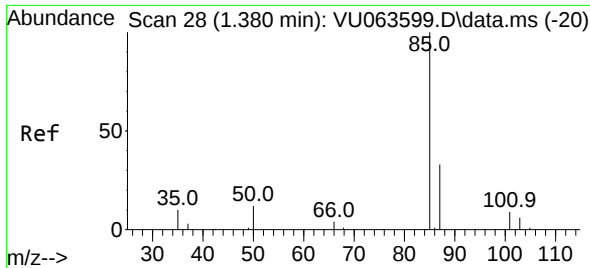
Manual Integrations APPROVED

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 Yesilyurt

09/22/2025
 Supervised By :Mahesh
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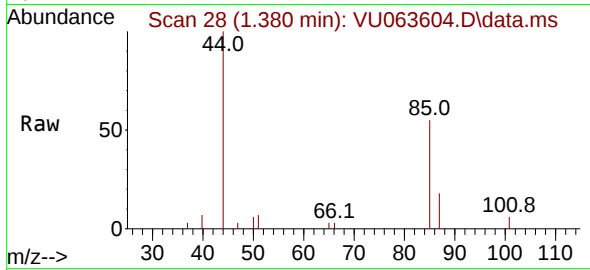
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
31) Carbon tetrachloride	5.512	117	2016	0.164	ug/L	98	09/22/2025
33) Benzene	5.763	78	9242m	0.216	ug/L		
35) Methylcyclohexane	6.747	83	3558	0.199	ug/L	96	
37) 1,2-Dichloropropane	6.779	63	2332	0.202	ug/L #	89	
38) Bromodichloromethane	7.097	83	2368	0.191	ug/L #	89	
39) cis-1,3-Dichloropropene	7.605	75	2570	0.196	ug/L	85	
40) 4-Methyl-2-pentanone	7.788	43	11320	1.709	ug/L #	85	
42) Toluene	7.968	91	9485	0.207	ug/L	97	
44) trans-1,3-Dichloropropene	8.206	75	2206m	0.229	ug/L		
45) 1,1,2-Trichloroethane	8.393	97	1359	0.172	ug/L #	84	
48) 2-Hexanone	8.682	43	19294m	4.154	ug/L		
49) Dibromochloromethane	8.801	129	1250	0.173	ug/L	83	
50) 1,2-Dibromoethane	8.920	107	1213	0.172	ug/L #	81	
51) Chlorobenzene	9.438	112	6294	0.212	ug/L	95	
52) Ethylbenzene	9.566	91	9787	0.194	ug/L	93	
53) m,p-Xylene	9.689	106	3707	0.196	ug/L	97	
54) o-Xylene	10.094	106	3421	0.187	ug/L	86	
55) Styrene	10.119	104	5366	0.179	ug/L	92	
57) 1,1,2,2-Tetrachloroethane	10.772	83	2048	0.216	ug/L	92	
59) Bromoform	10.287	173	546	0.154	ug/L #	73	
60) Isopropylbenzene	10.480	105	8883	0.189	ug/L	96	
61) 1,2,3-Trichloropropane	10.824	75	1427	0.220	ug/L #	85	
62) 1,3,5-Trimethylbenzene	11.084	105	7596	0.199	ug/L	98	
63) 1,2,4-Trimethylbenzene	11.467	105	6831	0.187	ug/L	94	
64) 1,3-Dichlorobenzene	11.743	146	4780	0.227	ug/L	91	
65) 1,4-Dichlorobenzene	11.833	146	5135	0.241	ug/L	92	
67) 1,2-Dichlorobenzene	12.206	146	4508	0.229	ug/L	97	
69) 1,3,5-Trichlorobenzene	13.219	180	3597	0.228	ug/L	94	
70) 1,2,4-trichlorobenzene	13.846	180	3362	0.276	ug/L	93	
71) Naphthalene	14.106	128	7203m	0.395	ug/L		
72) 1,2,3-Trichlorobenzene	14.328	180	3171	0.303	ug/L	97	

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



#2
Dichlorodifluoromethane
Concen: 0.197 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063604.D
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Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2025-05



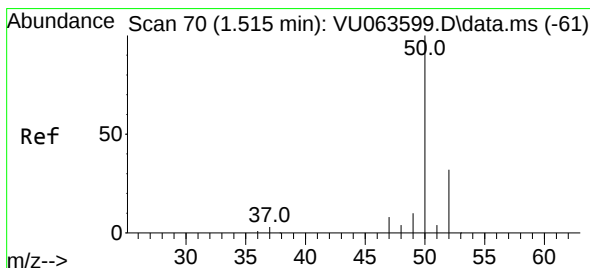
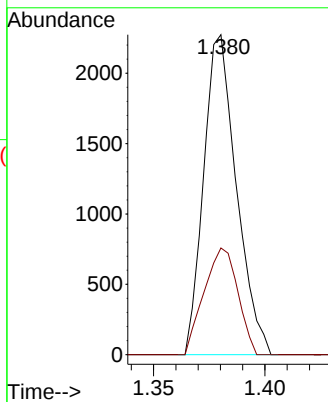
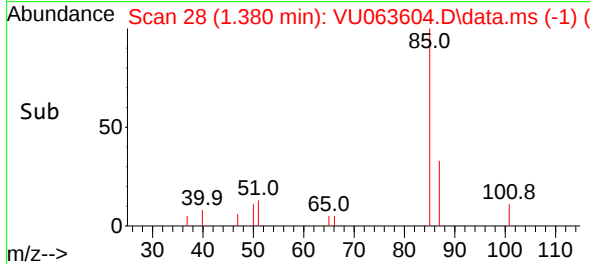
Tgt Ion: 85 Resp: 2318
Ion Ratio Lower Upper
85 100
87 34.3 25.8 38.8

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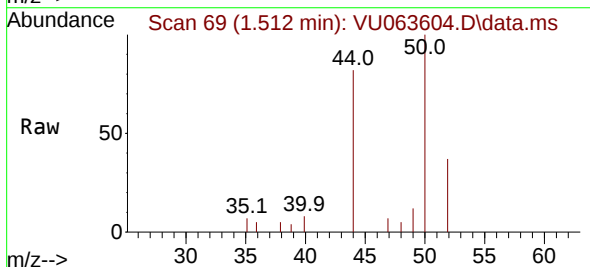
Reviewed By :Semsettin
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Supervised By :Mahesh
Dadoda

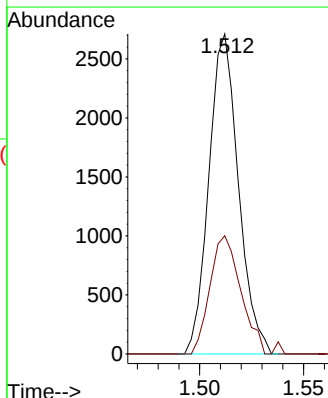
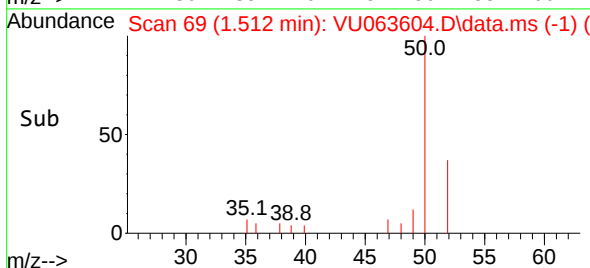
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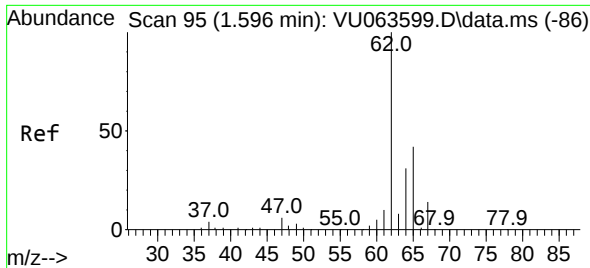


#3
Chloromethane
Concen: 0.206 ug/L
RT: 1.512 min Scan# 69
Delta R.T. -0.006 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01



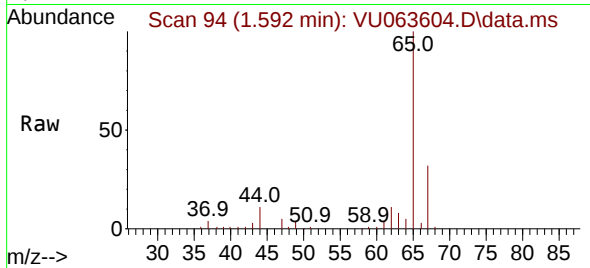
Tgt Ion: 50 Resp: 2685
Ion Ratio Lower Upper
50 100
52 37.0 22.6 42.0





#5
 Vinyl chloride
 Concen: 0.221 ug/L
 RT: 1.592 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VU063604.D
 Acq: 17 Sep 2025 14:01

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2025-05



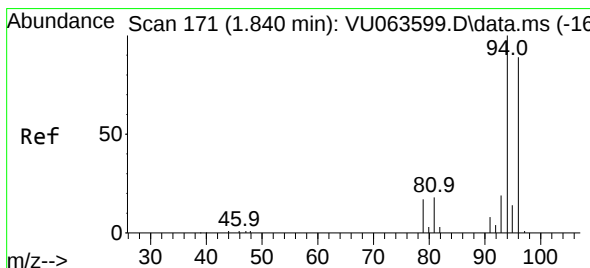
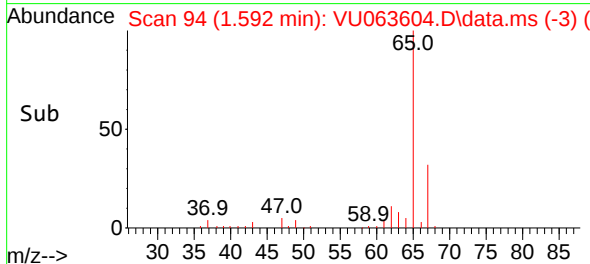
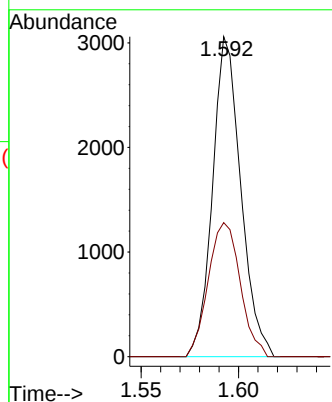
Tgt Ion: 62 Resp: 3082
 Ion Ratio Lower Upper
 62 100
 64 41.9 21.5 39.9

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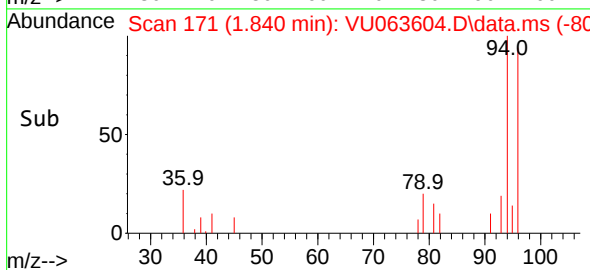
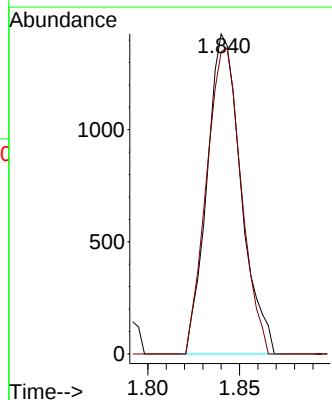
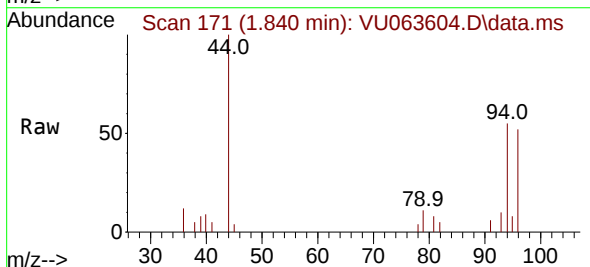
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 Dadoda

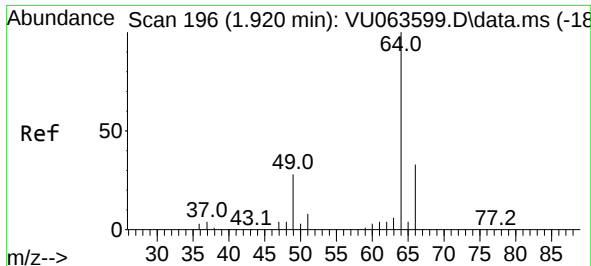
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#6
 Bromomethane
 Concen: 0.223 ug/L
 RT: 1.840 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VU063604.D
 Acq: 17 Sep 2025 14:01

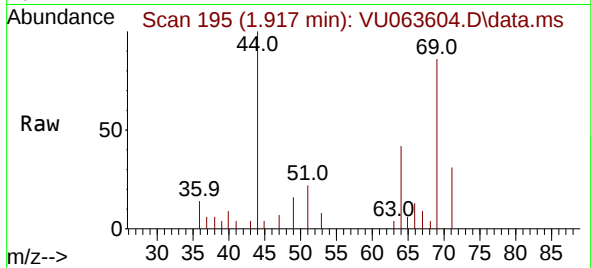
Tgt Ion: 94 Resp: 1838
 Ion Ratio Lower Upper
 94 100
 96 94.5 62.4 116.0





#8
Chloroethane
Concen: 0.209 ug/L
RT: 1.917 min Scan# 196
Delta R.T. -0.006 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2025-05



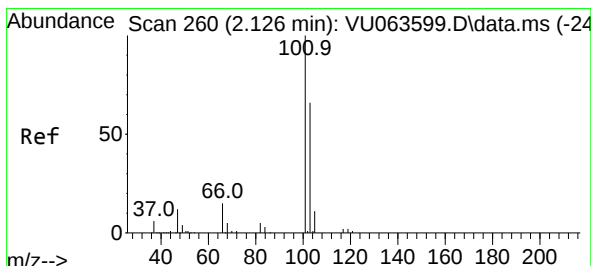
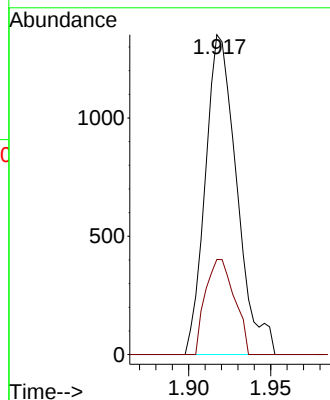
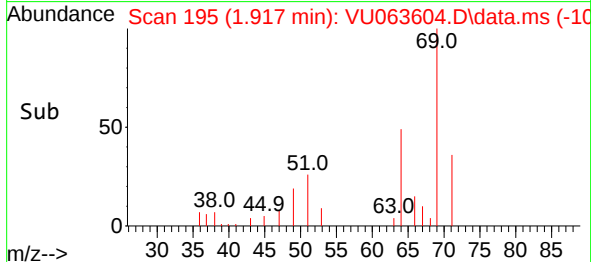
Tgt Ion: 64 Resp: 180
Ion Ratio Lower Upper
64 100
66 29.7 23.0 42.8

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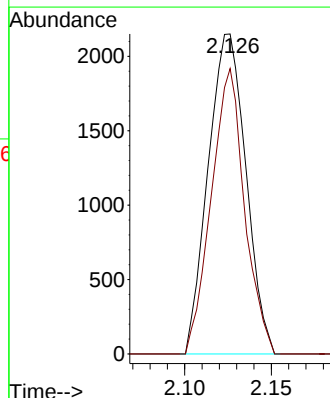
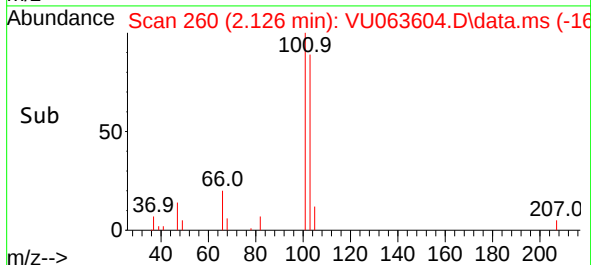
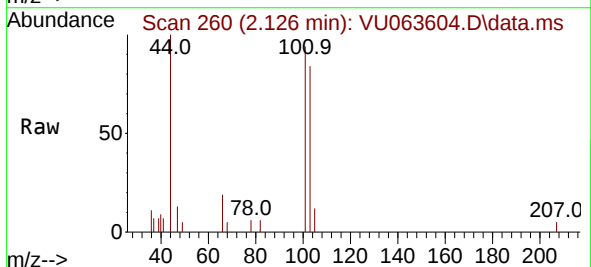
09/22/2025
Supervised By :Mahesh
Dadoda

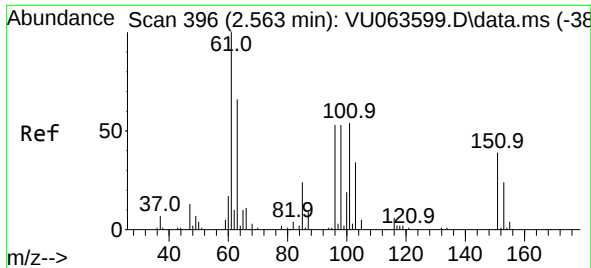
09/22/2025



#9
Trichlorofluoromethane
Concen: 0.178 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.003 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Tgt Ion:101 Resp: 3256
Ion Ratio Lower Upper
101 100
103 78.6 52.8 79.2





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.253 ug/L
RT: 2.557 min Scan# 394
Delta R.T. -0.013 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2025-05

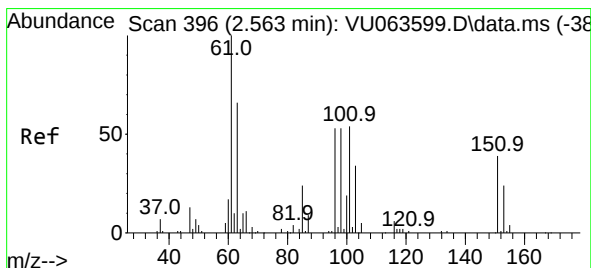
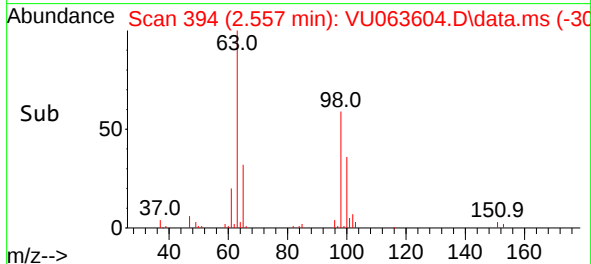
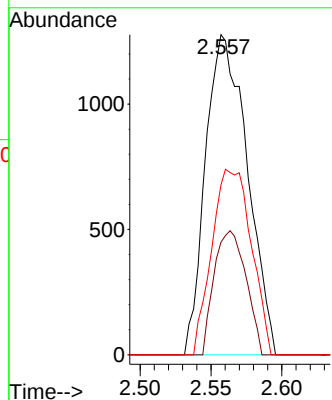
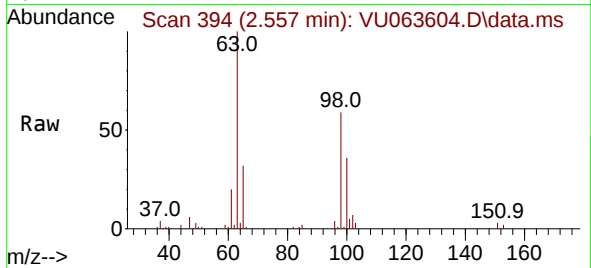
Tgt Ion:101 Resp: 261
Ion Ratio Lower Upper
101 100
85 29.6 36.4 54.6
151 54.8 59.2 88.8

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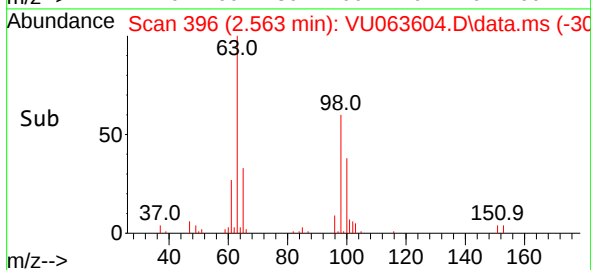
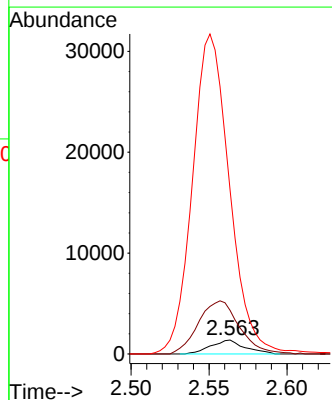
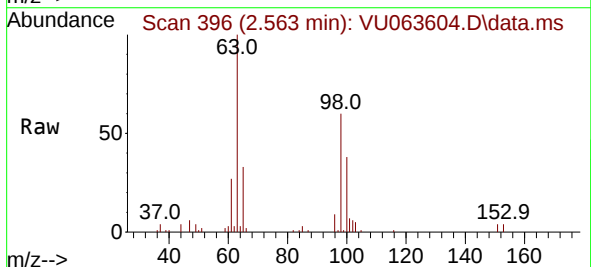
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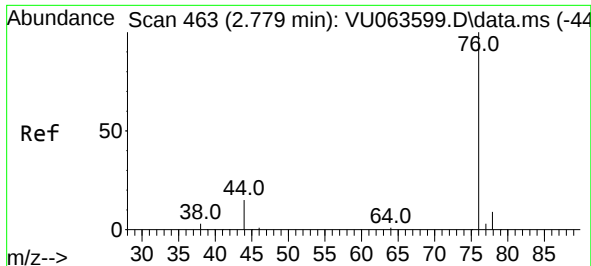
09/22/2025



#12
1,1-Dichloroethene
Concen: 0.218 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.006 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

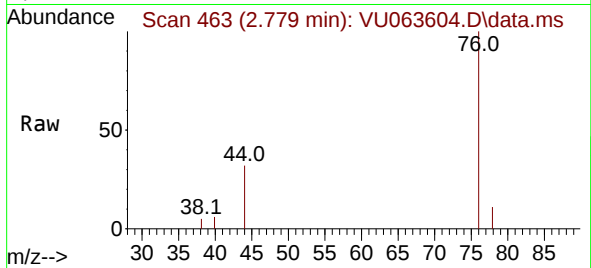
Tgt Ion: 96 Resp: 2086
Ion Ratio Lower Upper
96 100
61 311.6 132.4 245.8#
63 1170.9 89.0 165.4#





#14
Carbon disulfide
Concen: 0.191 ug/L
RT: 2.779 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2025-05



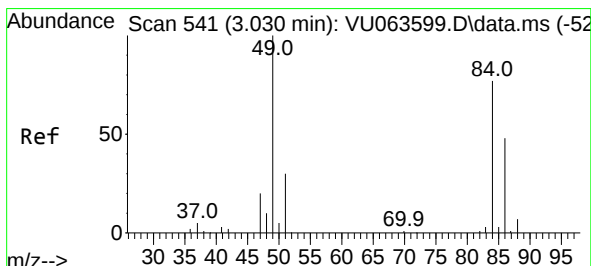
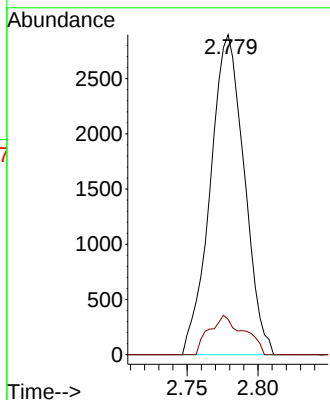
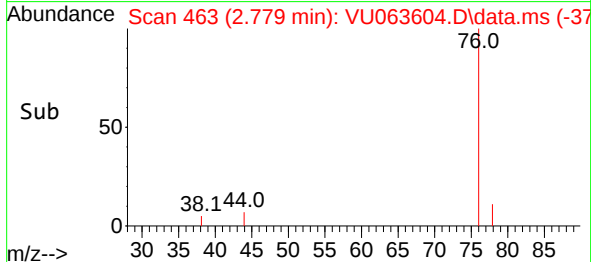
Tgt Ion: 76 Resp: 4824
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.0

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Yesilyurt

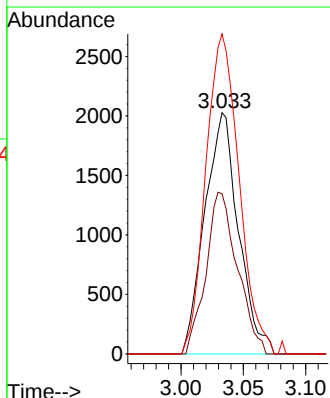
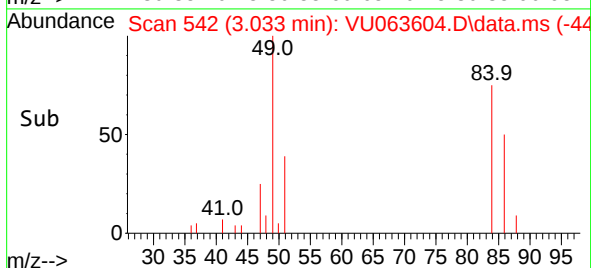
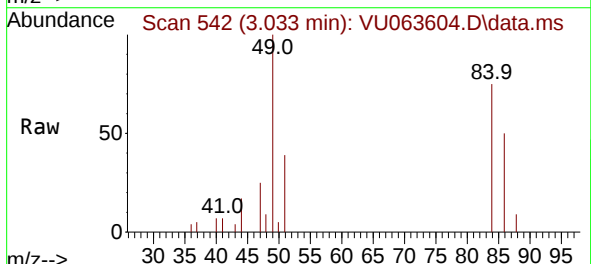
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Dadoda

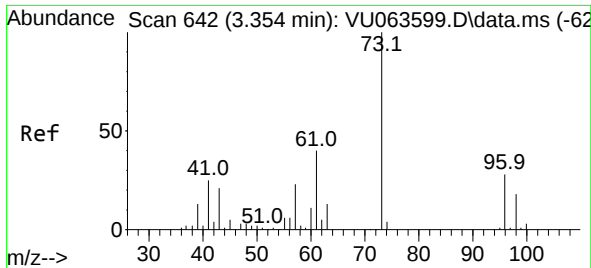
09/22/2025



#16
Methylene chloride
Concen: 0.340 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

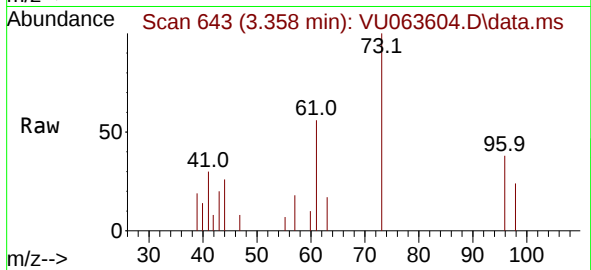
Tgt Ion: 84 Resp: 3818
Ion Ratio Lower Upper
84 100
86 66.4 43.1 80.1
49 132.6 90.6 168.2





#17
Methyl tert-butyl Ether
Concen: 0.182 ug/L
RT: 3.358 min Scan# 642
Delta R.T. 0.007 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2025-05



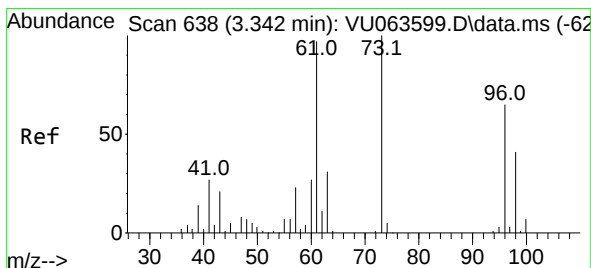
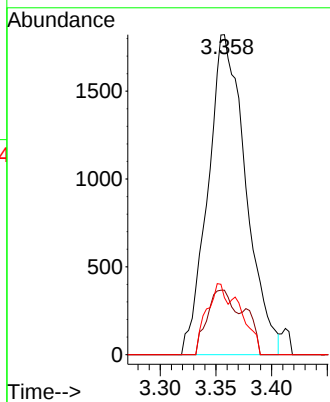
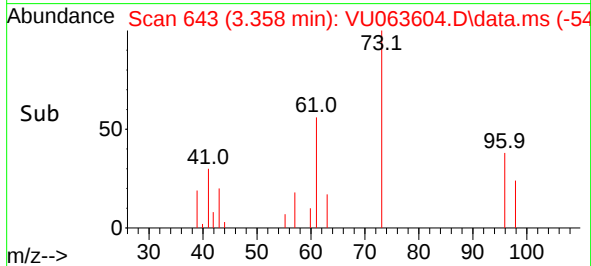
Tgt Ion: 73 Resp: 4290
Ion Ratio Lower Upper
73 100
43 14.6 17.0 25.4
57 11.8 18.2 27.2

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Reviewed By :Semsettin
Yesilyurt

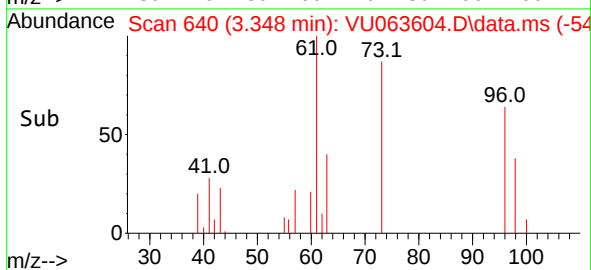
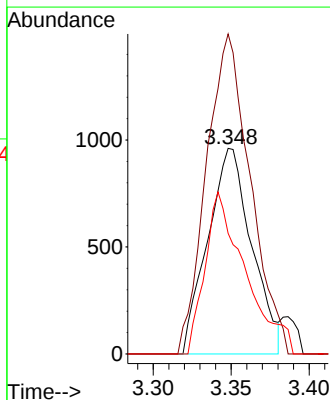
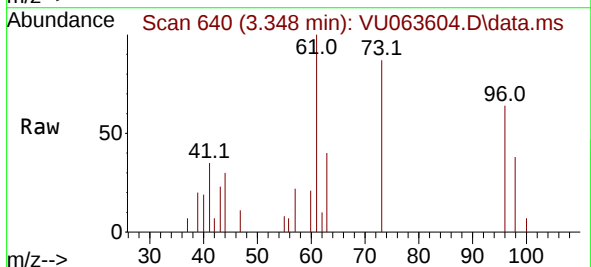
09/22/2025
Supervised By :Mahesh
Dadoda

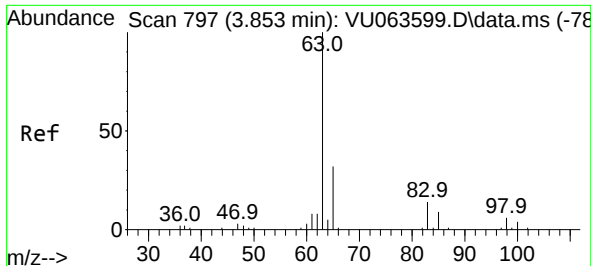
09/22/2025



#18
trans-1,2-Dichloroethene
Concen: 0.190 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.007 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Tgt Ion: 96 Resp: 1885
Ion Ratio Lower Upper
96 100
61 155.7 104.9 194.7
98 58.7 44.3 82.3





#19

1,1-Dichloroethane

Concen: 0.172 ug/L

RT: 3.856 min Scan# 79

Delta R.T. 0.000 min

Lab File: VU063604.D

Acq: 17 Sep 2025 14:01

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2025-05

Tgt Ion:	63	Resp:	3479
Ion Ratio	Lower	Upper	
63	100		
65	27.0	22.1	41.1
83	14.7	9.7	17.9

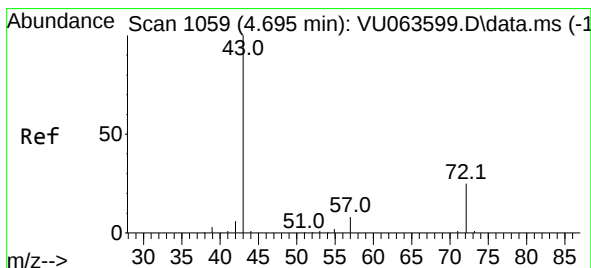
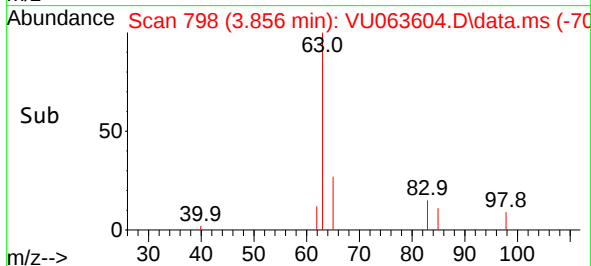
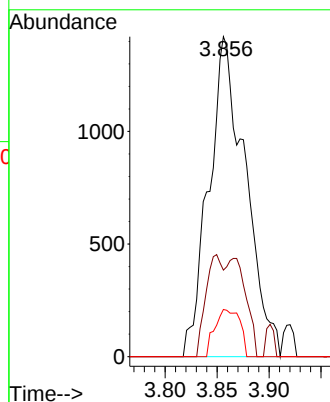
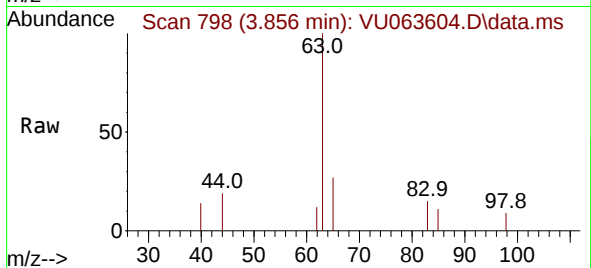
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

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Supervised By :Mahesh
Dadoda

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#21

2-Butanone

Concen: 4.341 ug/L m

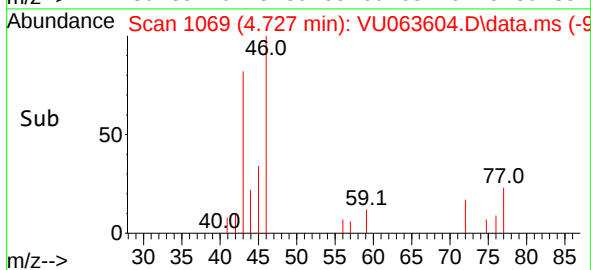
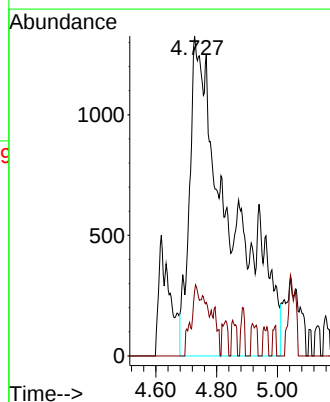
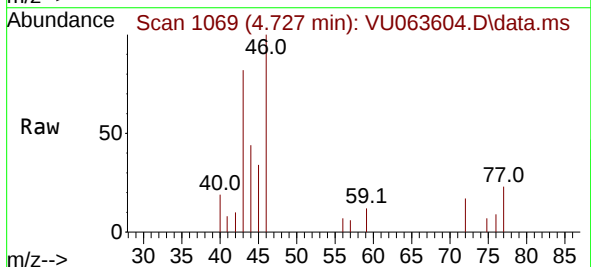
RT: 4.727 min Scan# 1069

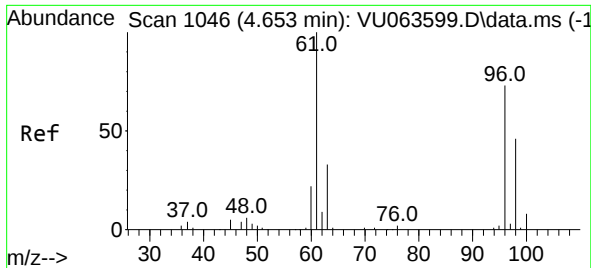
Delta R.T. 0.039 min

Lab File: VU063604.D

Acq: 17 Sep 2025 14:01

Tgt Ion:	43	Resp:	12124
Ion Ratio	Lower	Upper	
43	100		
72	1.7	11.9	35.7#





#22
cis-1,2-Dichloroethene
Concen: 0.184 ug/L m
RT: 4.650 min Scan# 1045
Delta R.T. -0.006 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2025-05

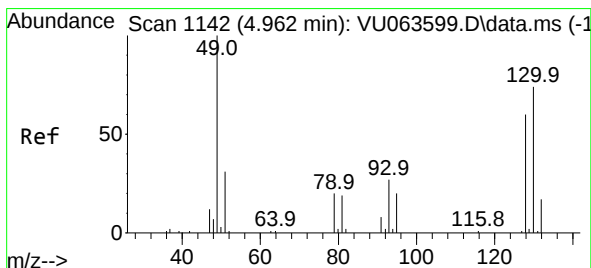
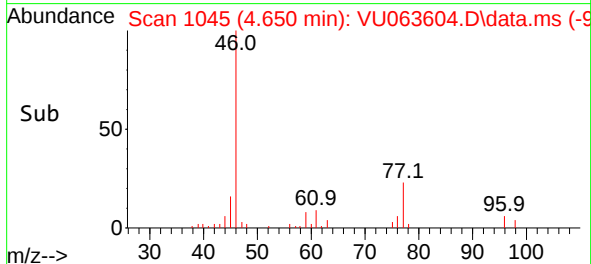
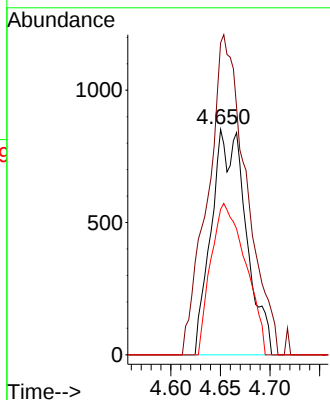
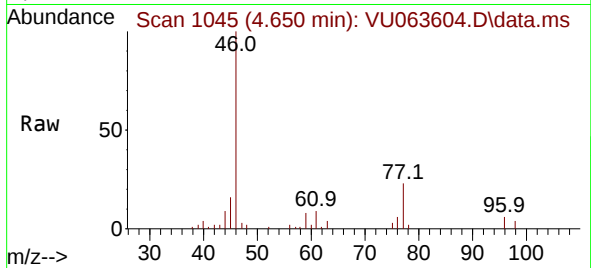
Tgt Ion: 96	Resp: 2068
Ion Ratio	Lower Upper
96 100	
61 138.4	95.8 177.8
98 64.6	43.5 80.9

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

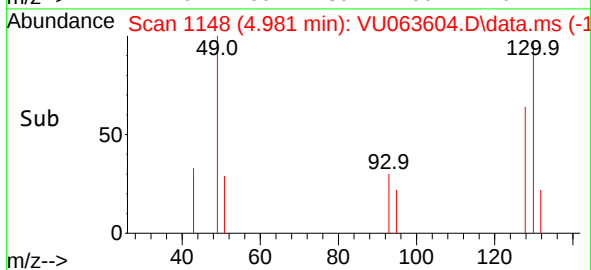
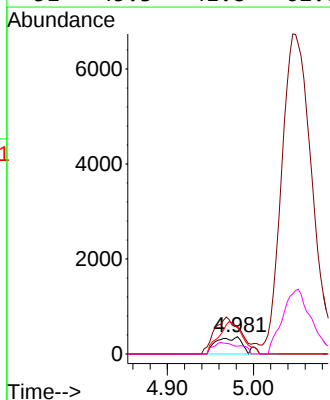
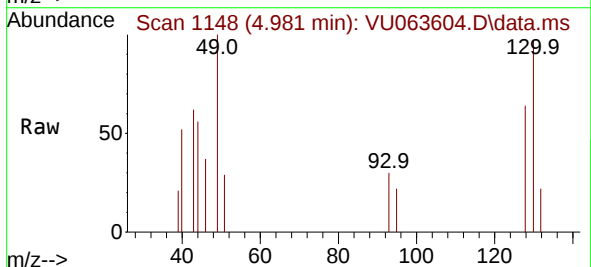
09/22/2025
Supervised By :Mahesh
Dadoda

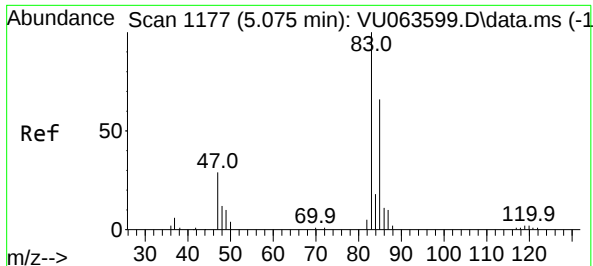
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#23
Bromochloromethane
Concen: 0.159 ug/L m
RT: 4.981 min Scan# 1148
Delta R.T. 0.016 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Tgt Ion:128	Resp: 791
Ion Ratio	Lower Upper
128 100	
49 157.1	118.4 219.8
130 152.2	87.6 162.6
51 45.3	41.8 62.6





#25
Chloroform
Concen: 0.238 ug/L
RT: 5.071 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2025-05

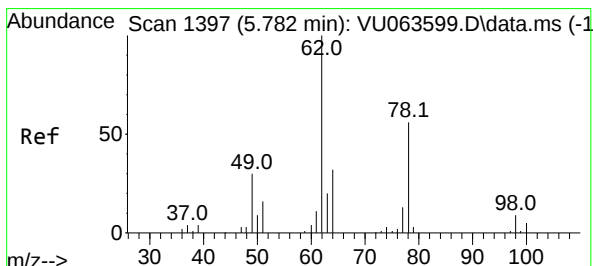
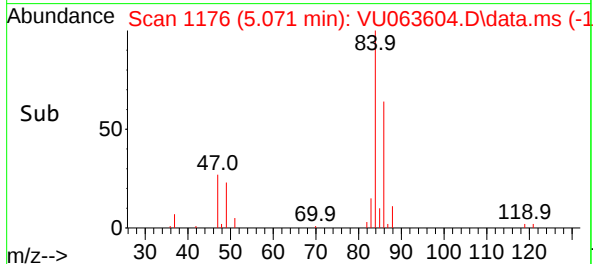
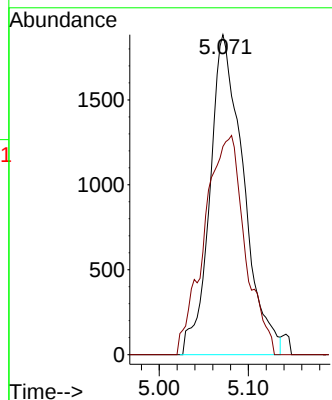
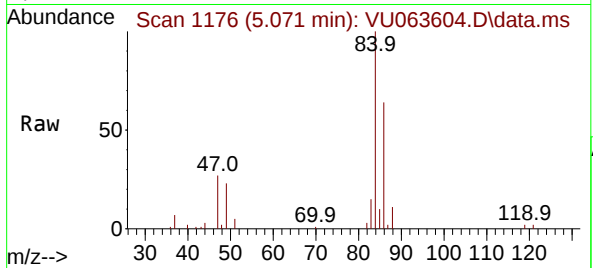
Tgt Ion: 83 Resp: 4924
Ion Ratio Lower Upper
83 100
85 65.0 46.1 85.5

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Reviewed By :Semsettin
Yesilyurt

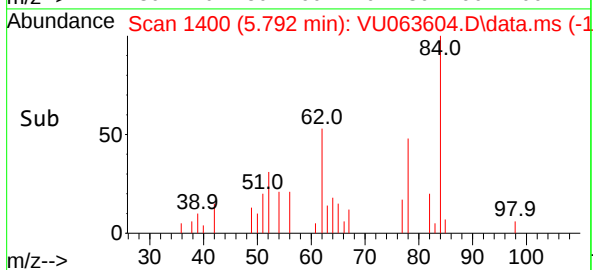
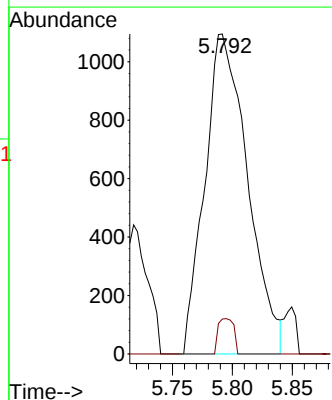
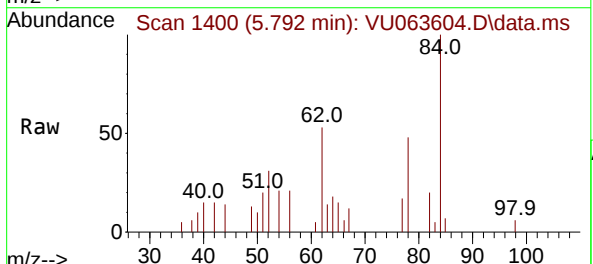
09/22/2025
Supervised By :Mahesh
Dadoda

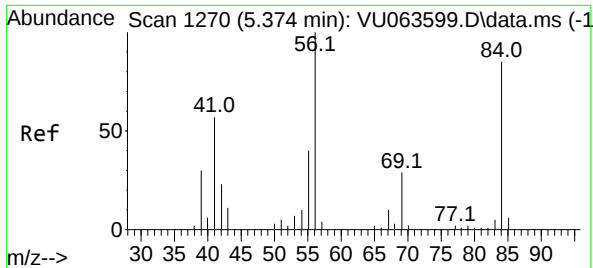
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#27
1,2-Dichloroethane
Concen: 0.198 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.010 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

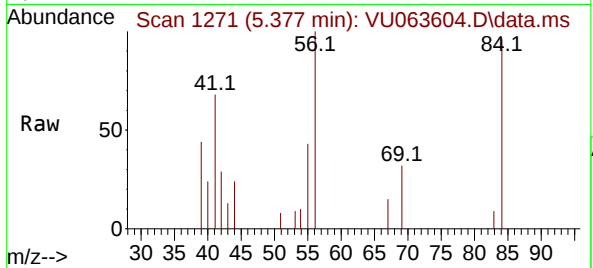
Tgt Ion: 62 Resp: 2716
Ion Ratio Lower Upper
62 100
98 10.9 7.0 10.4#





#30
Cyclohexane
Concen: 0.169 ug/L
RT: 5.377 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2025-05



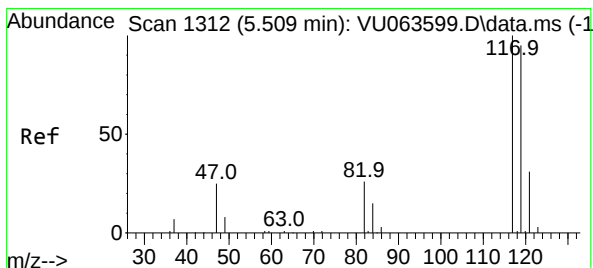
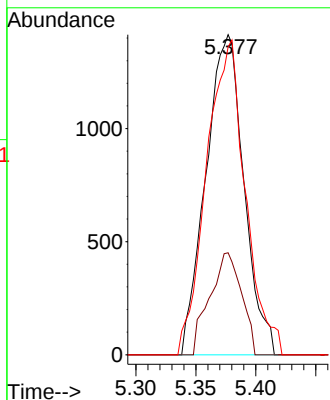
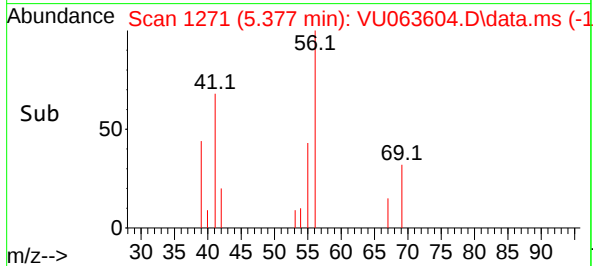
Tgt Ion: 56 Resp: 3119
Ion Ratio Lower Upper
56 100
69 26.5 23.2 34.8
84 100.5 65.0 97.4

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Reviewed By :Semsettin
Yesilyurt

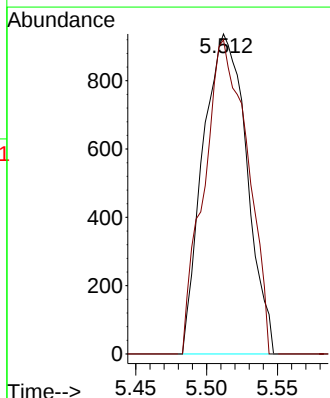
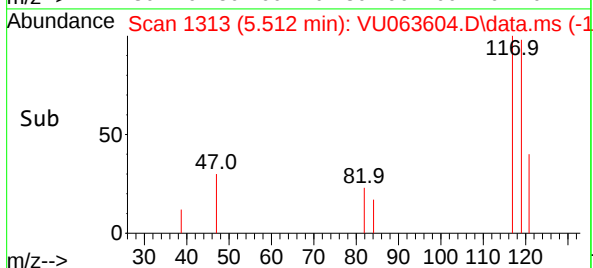
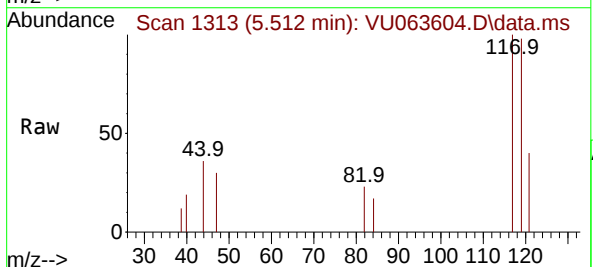
09/22/2025
Supervised By :Mahesh
Dadoda

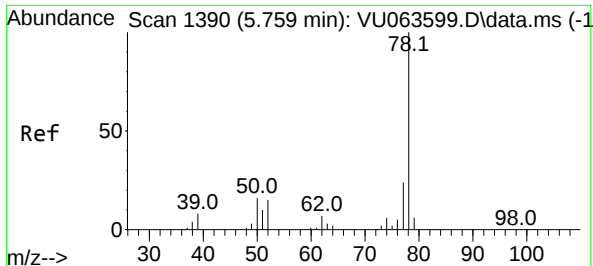
09/22/2025



#31
Carbon tetrachloride
Concen: 0.164 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Tgt Ion:117 Resp: 2016
Ion Ratio Lower Upper
117 100
119 97.6 76.8 115.2





#33
Benzene
Concen: 0.216 ug/L m
RT: 5.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2025-05

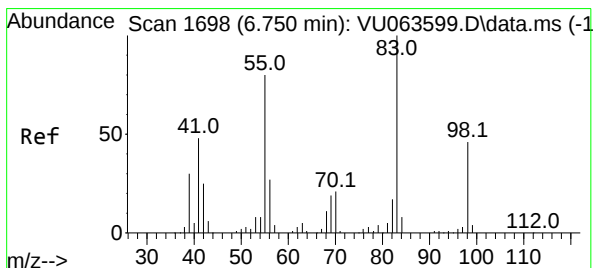
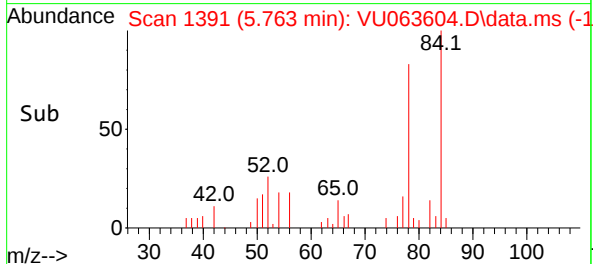
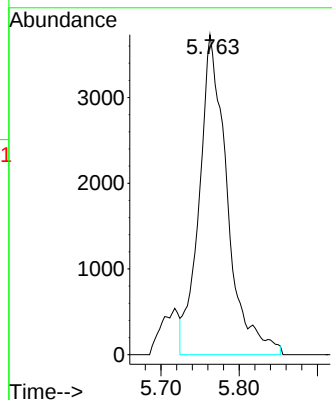
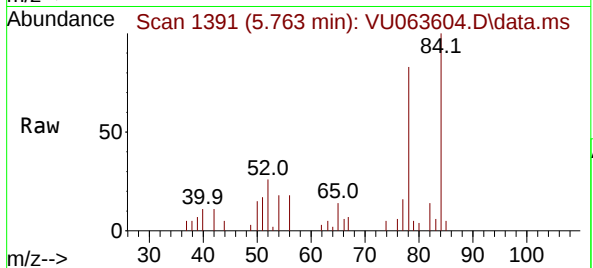
Tgt Ion: 78 Resp: 924

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Yesilyurt

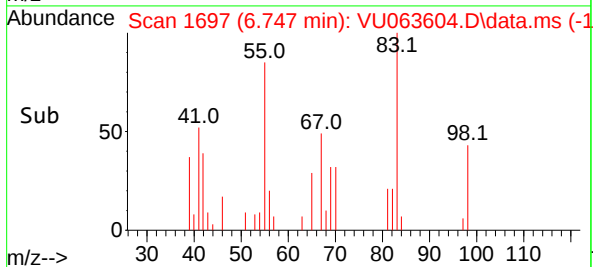
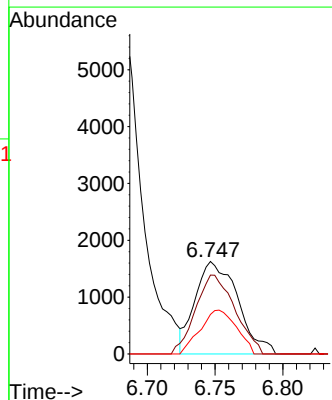
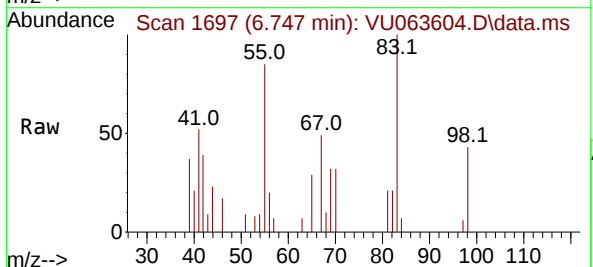
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Supervised By :Mahesh
Dadoda

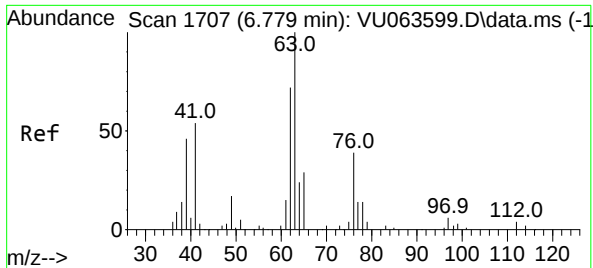
09/22/2025



#35
Methylcyclohexane
Concen: 0.199 ug/L
RT: 6.747 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Tgt Ion: 83 Resp: 3558
Ion Ratio Lower Upper
83 100
55 78.8 63.9 95.9
98 40.3 36.2 54.2





#37
1,2-Dichloropropane
Concen: 0.202 ug/L
RT: 6.779 min Scan# 1707
Delta R.T. -0.003 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2025-05

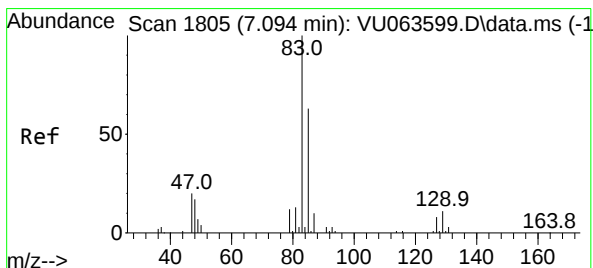
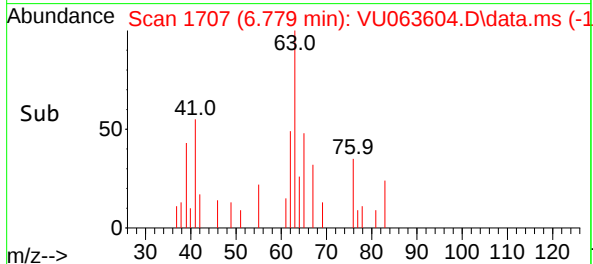
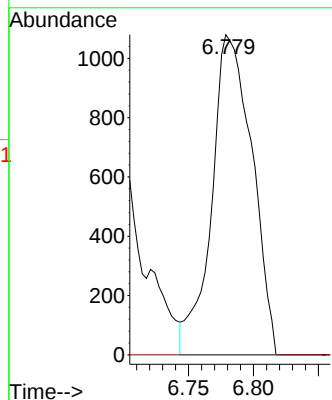
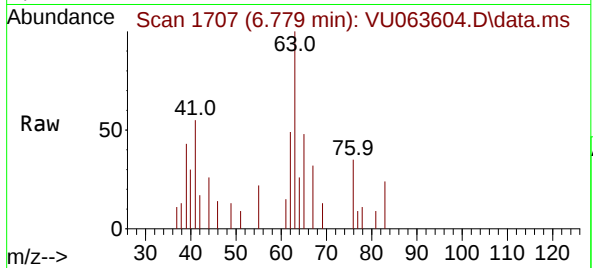
Tgt Ion: 63 Resp: 2332
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

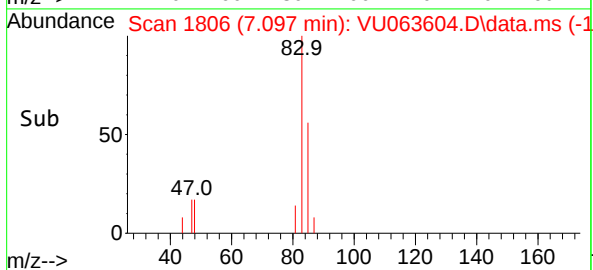
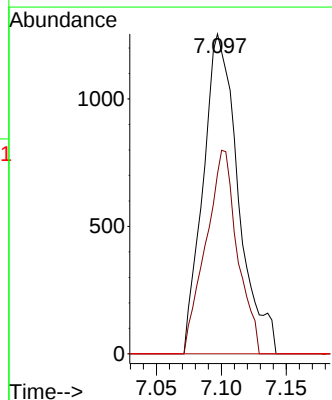
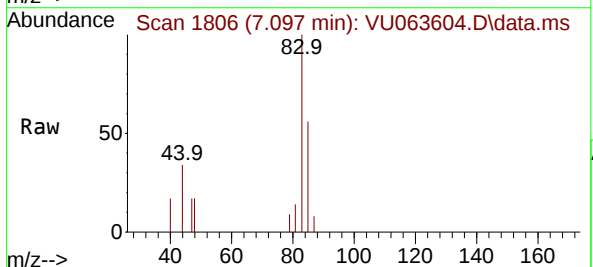
09/22/2025
Supervised By :Mahesh
Dadoda

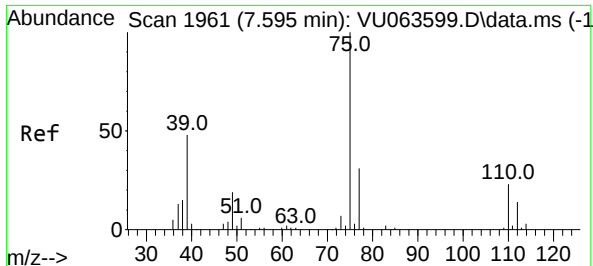
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#38
Bromodichloromethane
Concen: 0.191 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Tgt Ion: 83 Resp: 2368
Ion Ratio Lower Upper
83 100
85 56.3 44.4 82.4
127 0.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 0.196 ug/L

RT: 7.605 min Scan# 1961

Delta R.T. 0.007 min

Lab File: VU063604.D

Acq: 17 Sep 2025 14:01

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2025-05

Tgt Ion: 75 Resp: 2570
 Ion Ratio Lower Upper
 75 100
 77 39.1 21.6 40.0

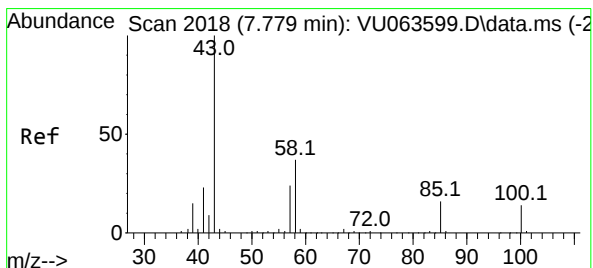
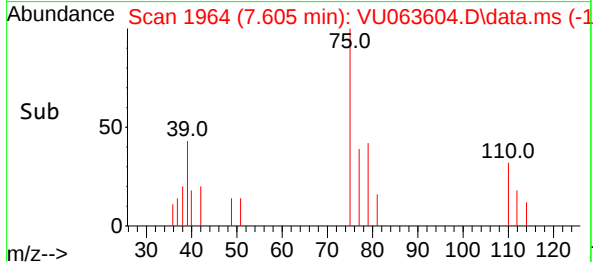
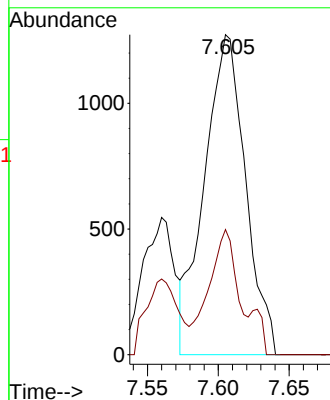
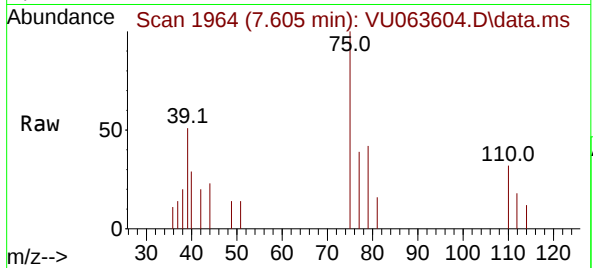
Manual Integrations
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Reviewed By :Semsettin
 Yesilyurt

09/22/2025

Supervised By :Mahesh
 Dadoda

09/22/2025



#40

4-Methyl-2-pentanone

Concen: 1.709 ug/L

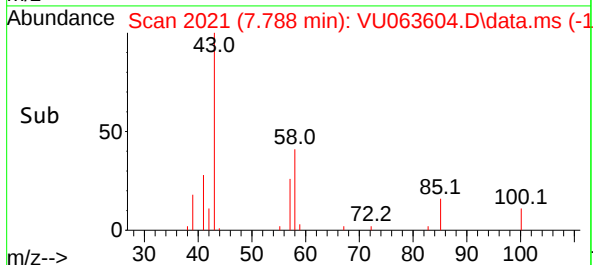
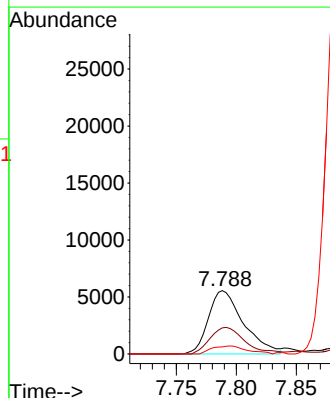
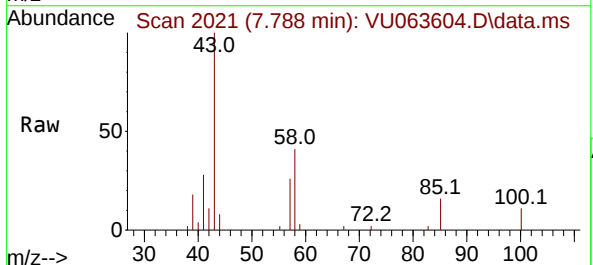
RT: 7.788 min Scan# 2021

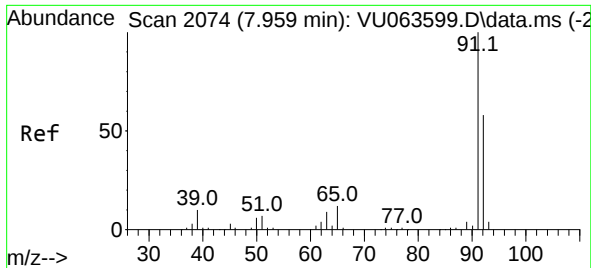
Delta R.T. 0.010 min

Lab File: VU063604.D

Acq: 17 Sep 2025 14:01

Tgt Ion: 43 Resp: 11320
 Ion Ratio Lower Upper
 43 100
 58 41.6 29.6 44.4
 100 0.0 10.6 16.0





#42

Toluene

Concen: 0.207 ug/L

RT: 7.968 min Scan# 2074

Delta R.T. 0.007 min

Lab File: VU063604.D

Acq: 17 Sep 2025 14:01

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2025-05

Tgt Ion: 91 Resp: 948

Ion Ratio Lower Upper

91 100

92 56.0 40.7 75.7

Manual Integrations

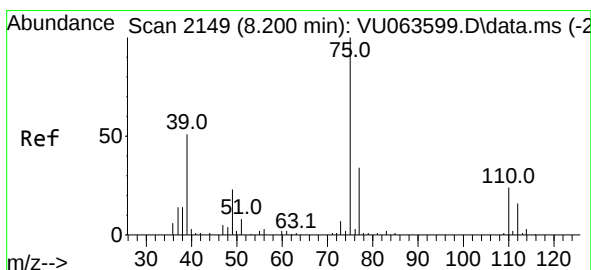
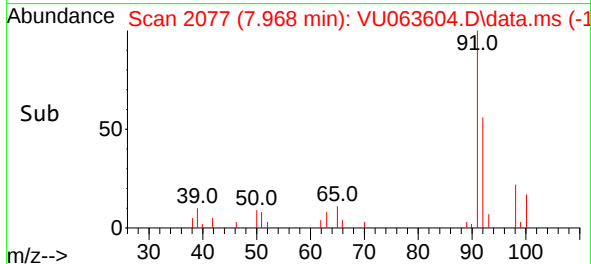
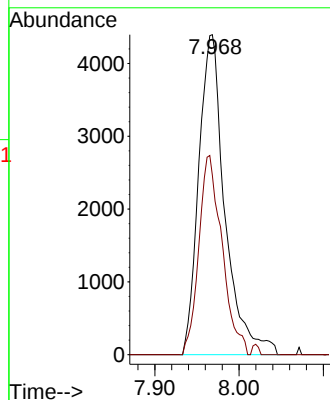
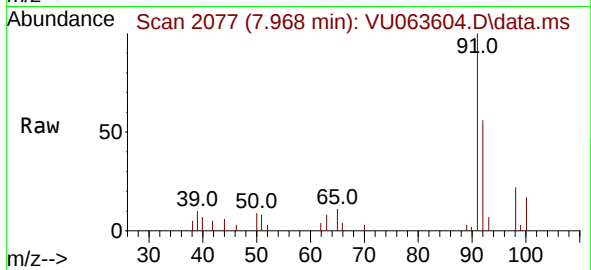
APPROVED

Reviewed By :Semsettin
Yesilyurt

09/22/2025

Supervised By :Mahesh
Dadoda

09/22/2025



#44

trans-1,3-Dichloropropene

Concen: 0.229 ug/L m

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU063604.D

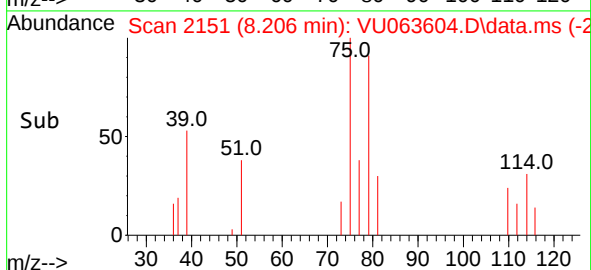
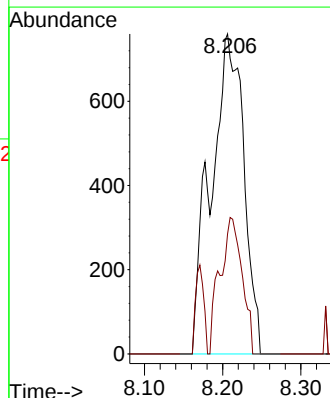
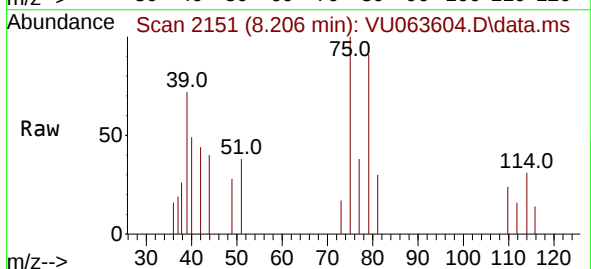
Acq: 17 Sep 2025 14:01

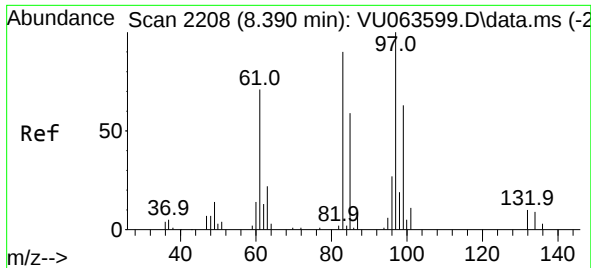
Tgt Ion: 75 Resp: 2206

Ion Ratio Lower Upper

75 100

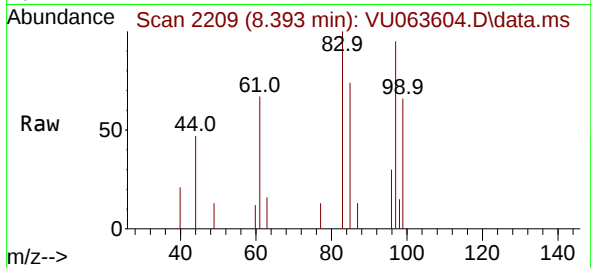
77 37.5 23.7 44.1





#45
1,1,2-Trichloroethane
Concen: 0.172 ug/L
RT: 8.393 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2025-05



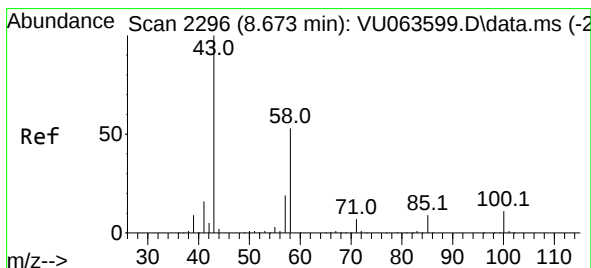
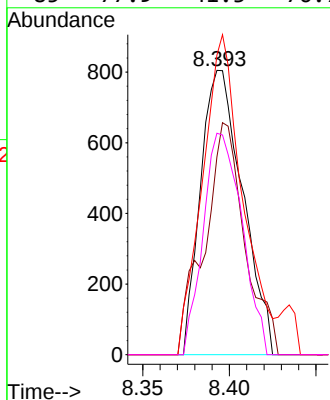
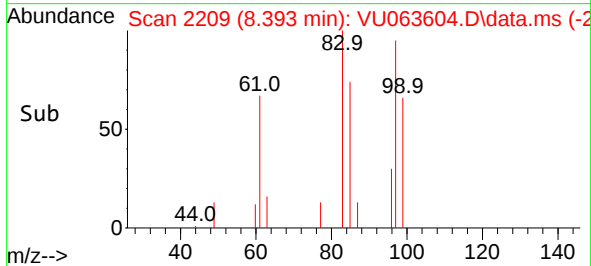
Tgt Ion	Ratio	Lower	Upper
97	100		
99	69.6	44.0	81.6
83	105.3	63.1	117.3
85	77.9	41.3	76.7

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

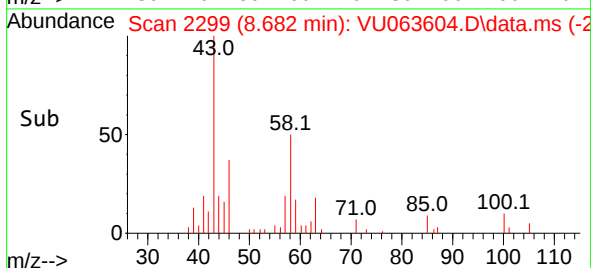
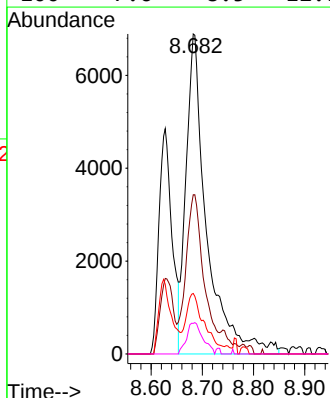
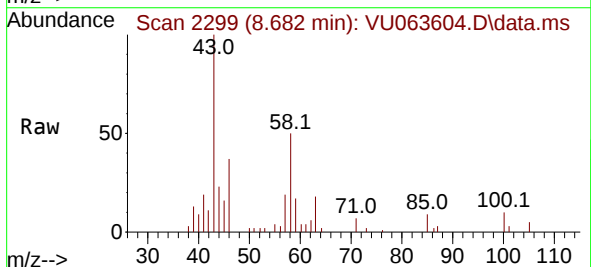
09/22/2025
Supervised By :Mahesh
Dadoda

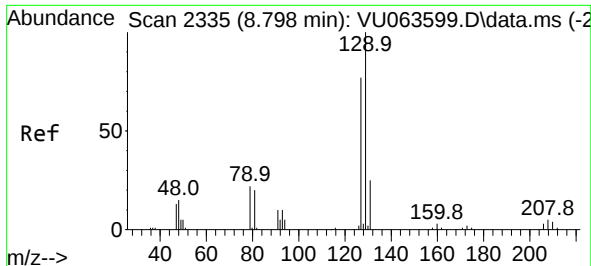
09/22/2025



#48
2-Hexanone
Concen: 4.154 ug/L m
RT: 8.682 min Scan# 2299
Delta R.T. 0.010 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.4	42.2	63.2
57	17.3	15.0	22.4
100	7.6	8.5	12.7





#49

Dibromochloromethane

Concen: 0.173 ug/L

RT: 8.801 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063604.D

Acq: 17 Sep 2025 14:01

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2025-05

Tgt Ion:129 Resp: 1250
 Ion Ratio Lower Upper
 129 100
 127 62.4 54.3 100.8

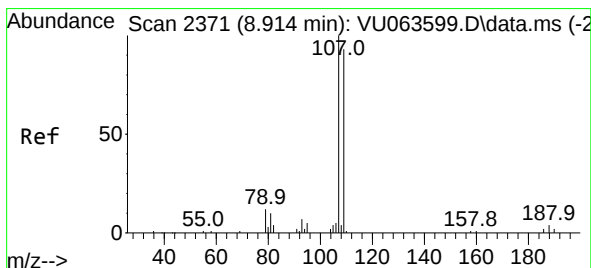
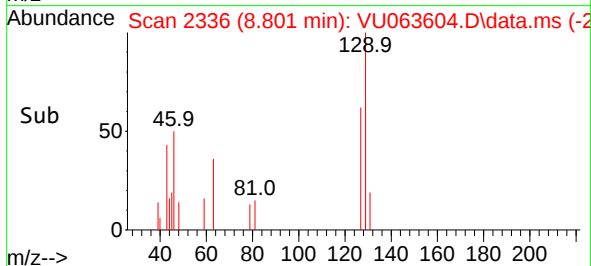
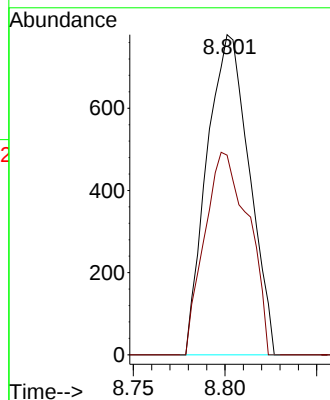
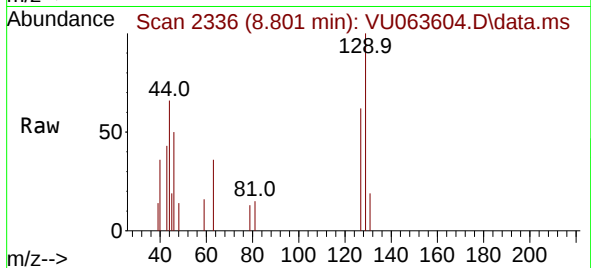
Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

09/22/2025

Supervised By :Mahesh
 Dadoda

09/22/2025



#50

1,2-Dibromoethane

Concen: 0.172 ug/L

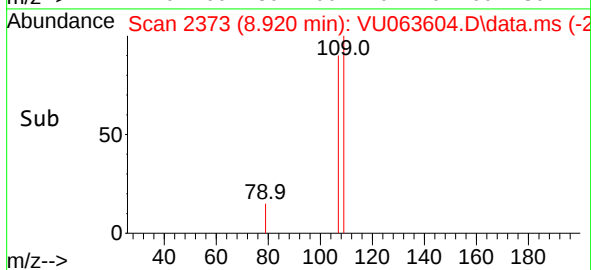
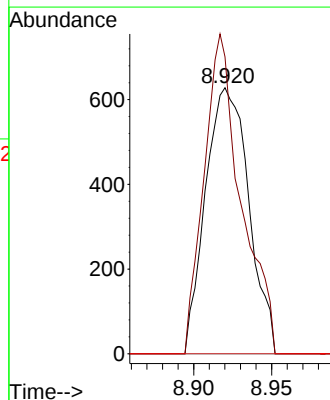
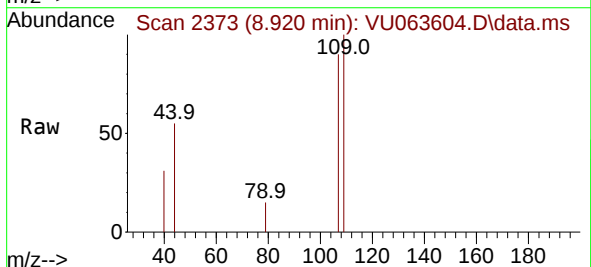
RT: 8.920 min Scan# 2373

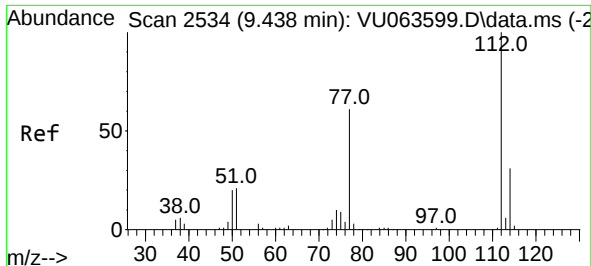
Delta R.T. 0.007 min

Lab File: VU063604.D

Acq: 17 Sep 2025 14:01

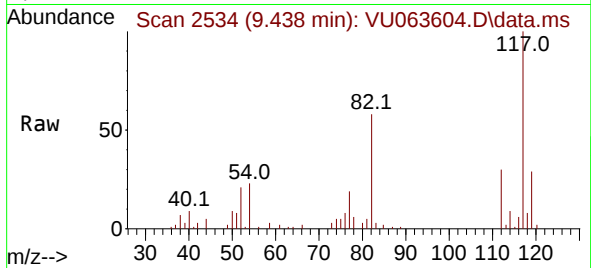
Tgt Ion:107 Resp: 1213
 Ion Ratio Lower Upper
 107 100
 109 111.6 65.4 121.4
 188 0.0 2.8 4.2#





#51
Chlorobenzene
Concen: 0.212 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2025-05



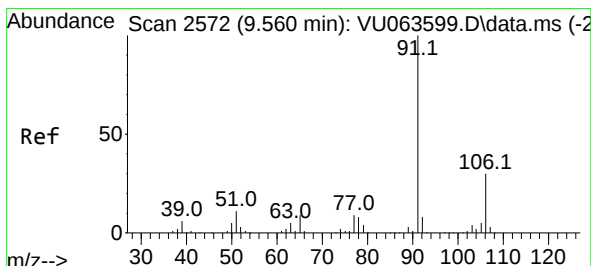
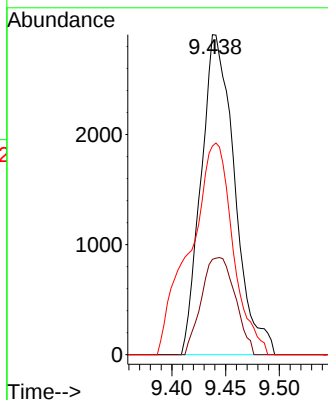
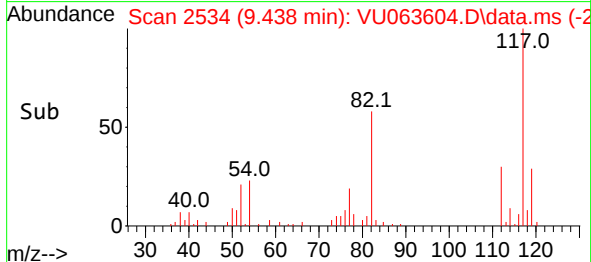
Tgt Ion: 112 Resp: 6294
Ion Ratio Lower Upper
112 100
114 29.8 22.0 41.0
77 65.2 48.9 73.3

Manual Integrations
APPROVED

Reviewed By : Semsettin
Yesilyurt

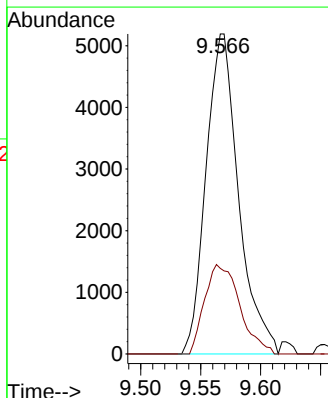
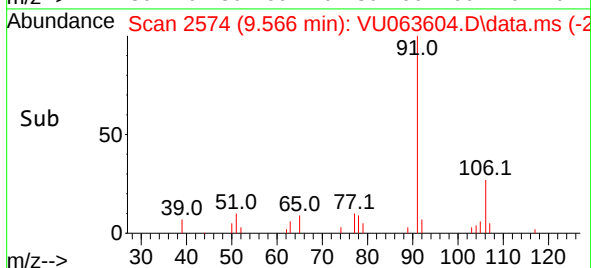
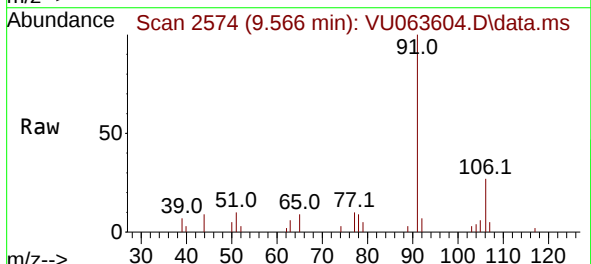
09/22/2025
Supervised By : Mahesh
Dadoda

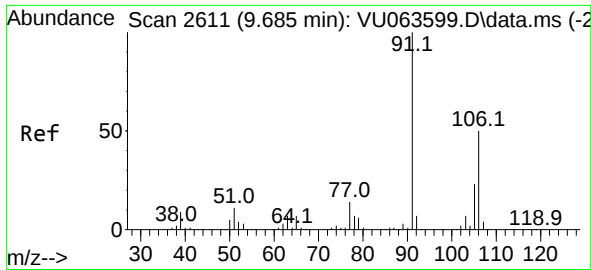
09/22/2025



#52
Ethylbenzene
Concen: 0.194 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Tgt Ion: 91 Resp: 9787
Ion Ratio Lower Upper
91 100
106 26.8 21.2 39.4





#53
m,p-Xylene
Concen: 0.196 ug/L
RT: 9.689 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2025-05

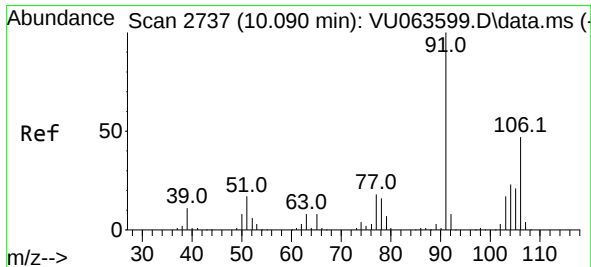
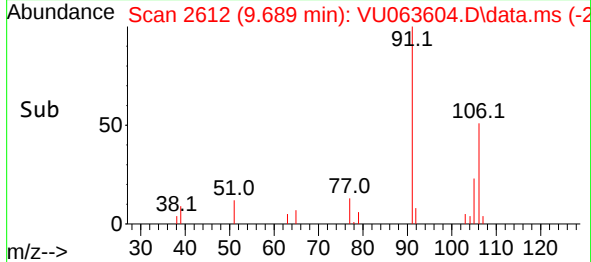
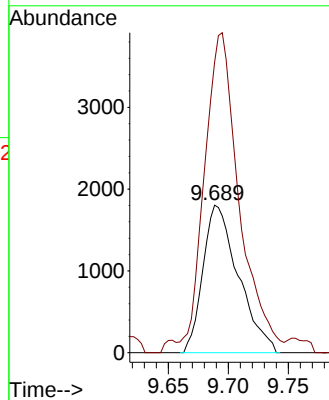
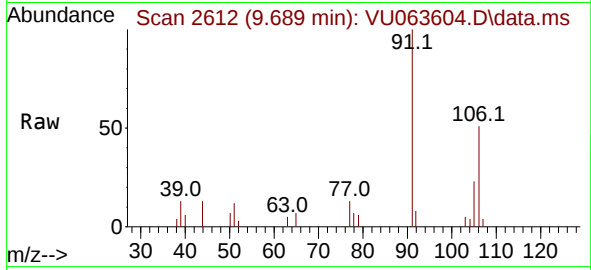
Tgt Ion:106 Resp: 370
Ion Ratio Lower Upper
106 100
91 196.8 141.5 262.7

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

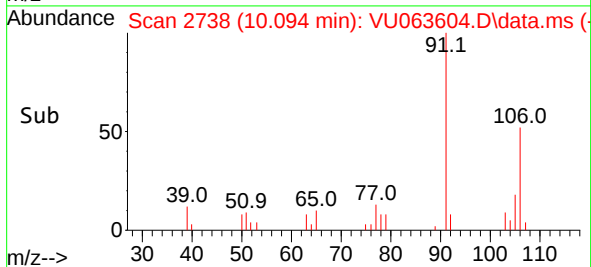
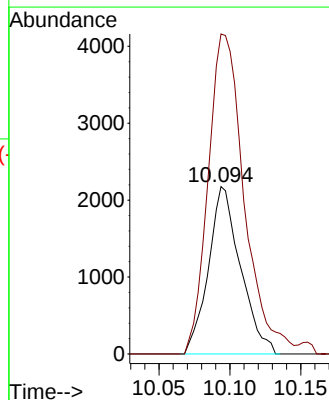
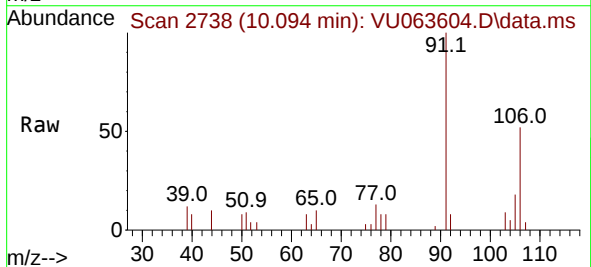
09/22/2025
Supervised By :Mahesh
Dadoda

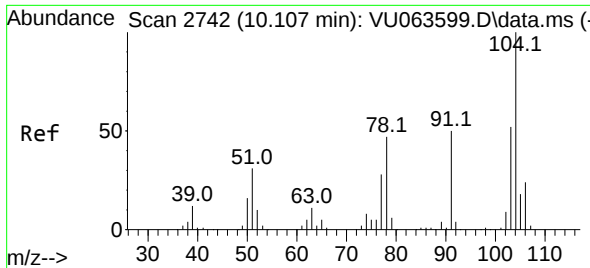
09/22/2025



#54
o-Xylene
Concen: 0.187 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Tgt Ion:106 Resp: 3421
Ion Ratio Lower Upper
106 100
91 191.2 149.4 277.4





#55
Styrene
Concen: 0.179 ug/L
RT: 10.119 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2025-05

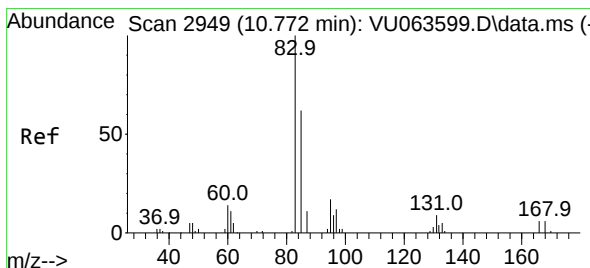
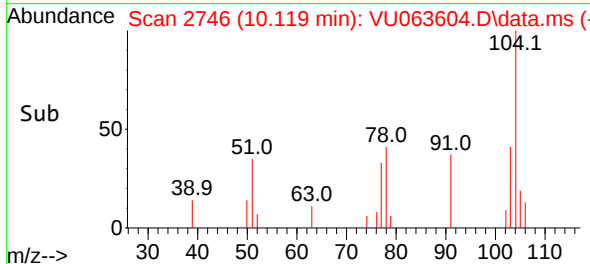
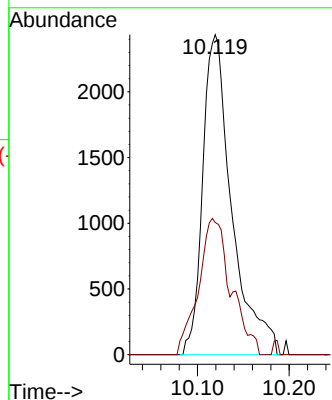
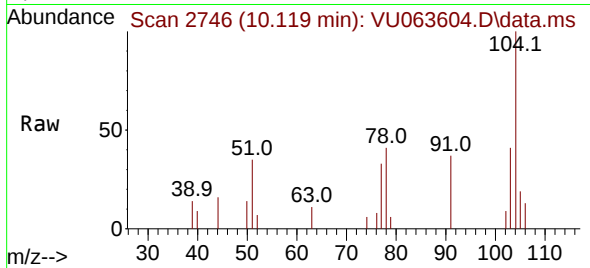
Tgt Ion:104 Resp: 536
Ion Ratio Lower Upper
104 100
78 41.3 32.8 61.0

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

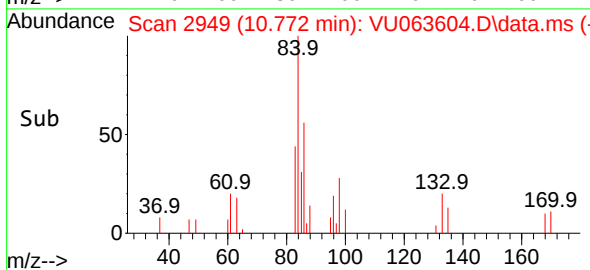
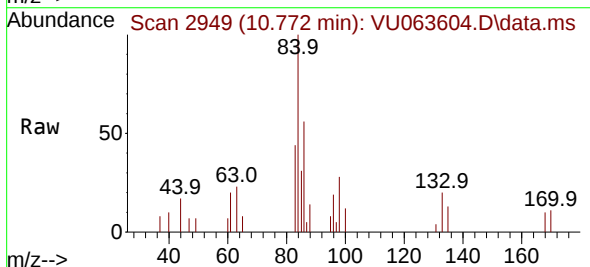
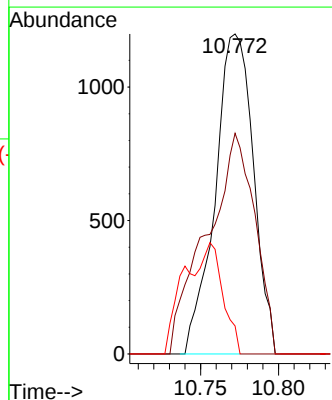
09/22/2025
Supervised By :Mahesh
Dadoda

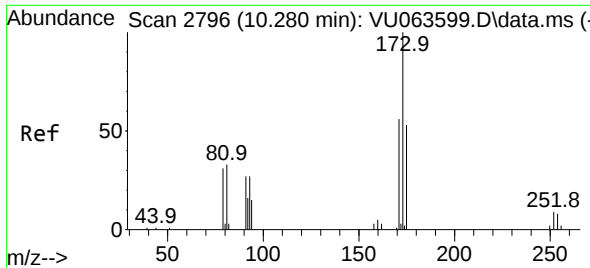
09/22/2025



#57
1,1,2,2-Tetrachloroethane
Concen: 0.216 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

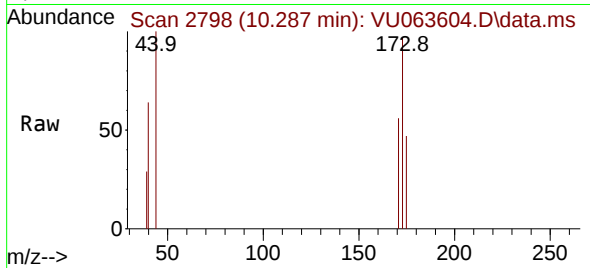
Tgt Ion: 83 Resp: 2048
Ion Ratio Lower Upper
83 100
85 69.0 43.5 80.7
131 8.8 7.3 10.9





#59
Bromoform
Concen: 0.154 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2025-05



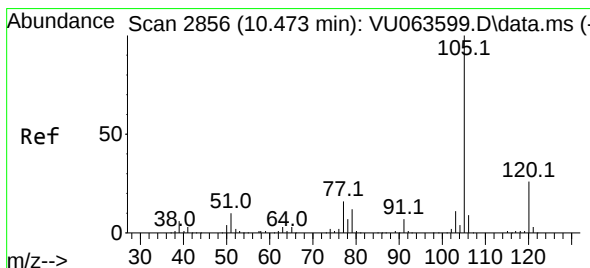
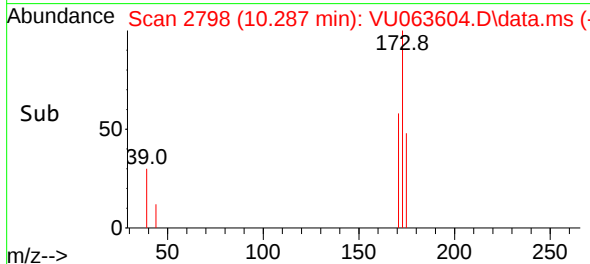
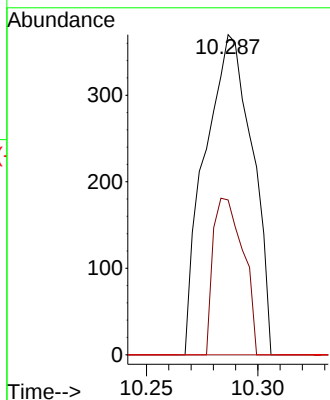
Tgt Ion:173 Resp: 540
Ion Ratio Lower Upper
173 100
175 31.0 40.3 60.5
254 0.0 6.4 9.6

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

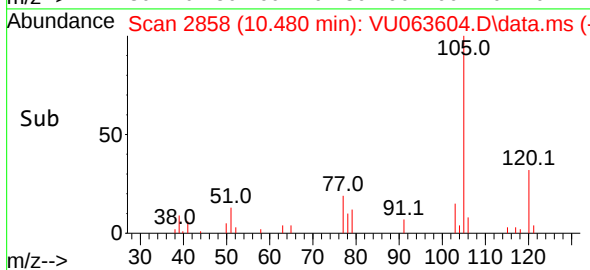
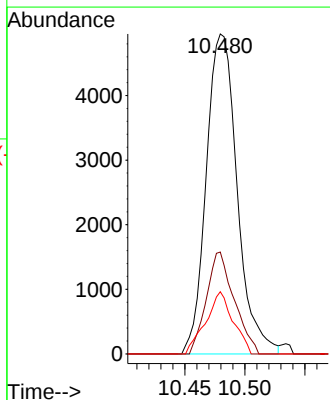
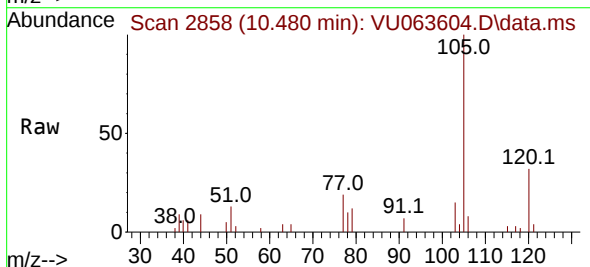
09/22/2025
Supervised By :Mahesh
Dadoda

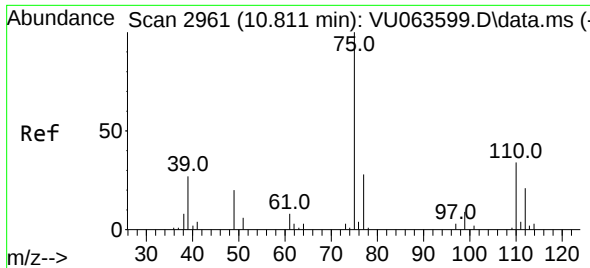
09/22/2025



#60
Isopropylbenzene
Concen: 0.189 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

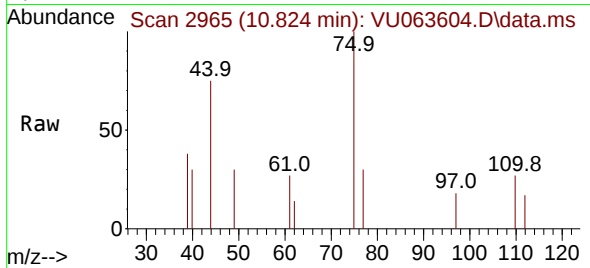
Tgt Ion:105 Resp: 8883
Ion Ratio Lower Upper
105 100
120 28.6 20.9 31.3
77 17.1 13.2 19.8





#61
1,2,3-Trichloropropane
Concen: 0.220 ug/L
RT: 10.824 min Scan# 2965
Delta R.T. 0.010 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2025-05



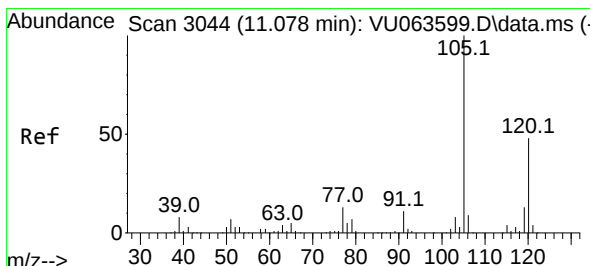
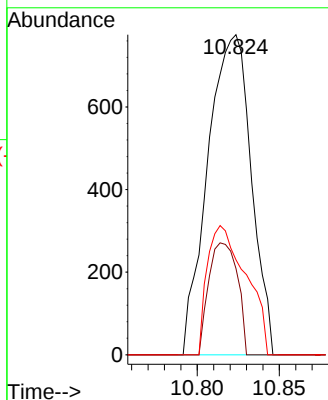
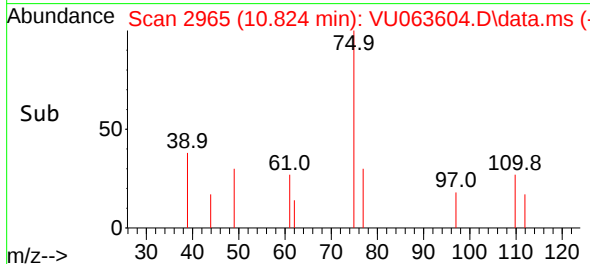
Tgt Ion: 75 Resp: 142
Ion Ratio Lower Upper
75 100
110 23.0 28.3 42.5
77 35.9 25.2 37.8

Manual Integrations
APPROVED

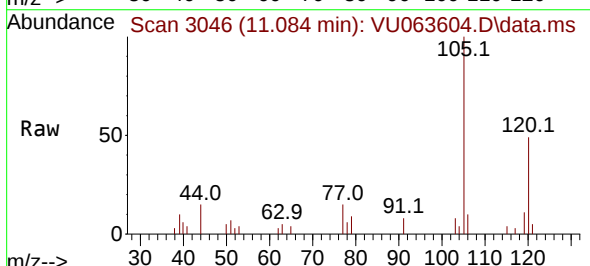
Reviewed By :Semsettin
Yesilyurt

09/22/2025
Supervised By :Mahesh
Dadoda

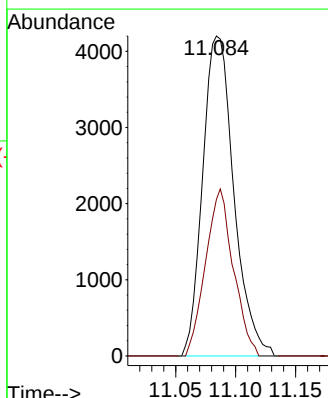
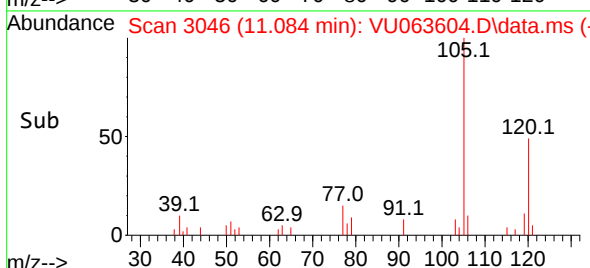
09/22/2025

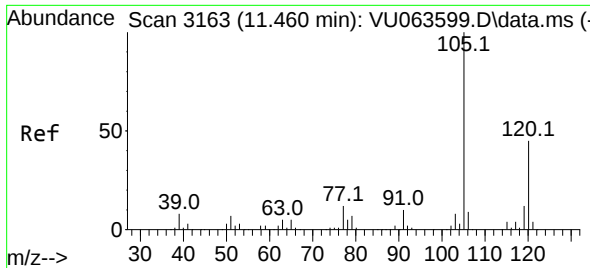


#62
1,3,5-Trimethylbenzene
Concen: 0.199 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01



Tgt Ion:105 Resp: 7596
Ion Ratio Lower Upper
105 100
120 46.4 38.4 57.6





#63
1,2,4-Trimethylbenzene
Concen: 0.187 ug/L
RT: 11.467 min Scan# 3163
Delta R.T. 0.007 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2025-05

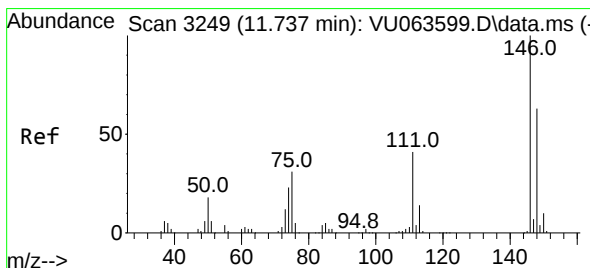
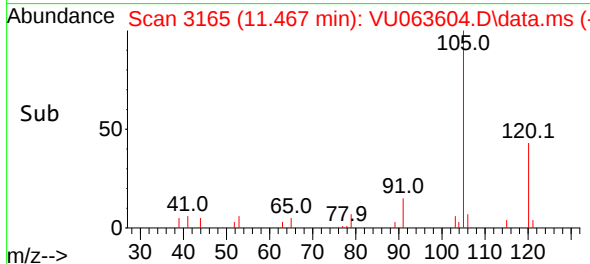
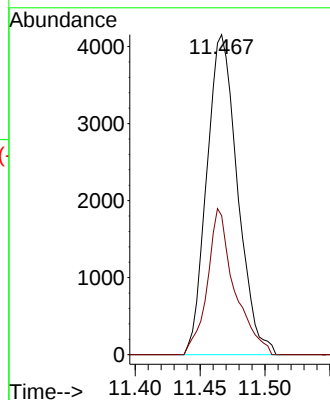
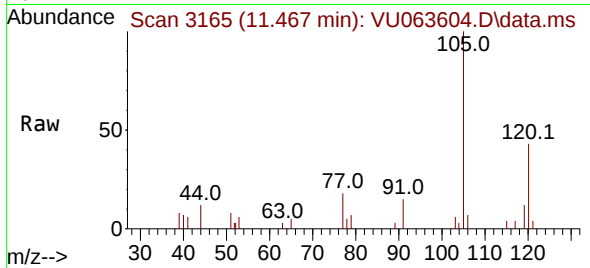
Tgt Ion:105 Resp: 683
Ion Ratio Lower Upper
105 100
120 40.3 35.3 52.9

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Reviewed By :Semsettin
Yesilyurt

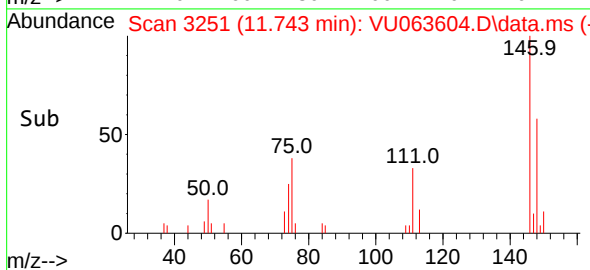
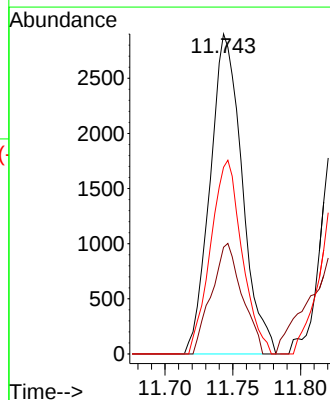
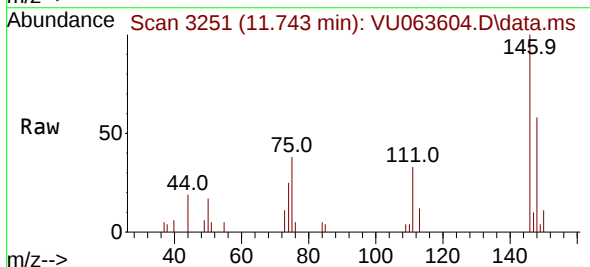
09/22/2025
Supervised By :Mahesh
Dadoda

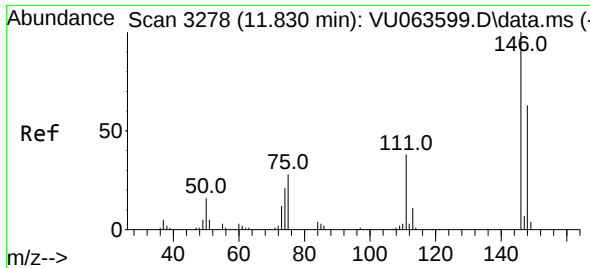
09/22/2025



#64
1,3-Dichlorobenzene
Concen: 0.227 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

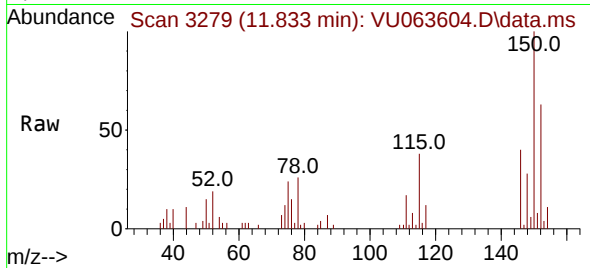
Tgt Ion:146 Resp: 4780
Ion Ratio Lower Upper
146 100
111 33.4 29.0 53.8
148 58.4 44.3 82.3





#65
1,4-Dichlorobenzene
Concen: 0.241 ug/L
RT: 11.833 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2025-05



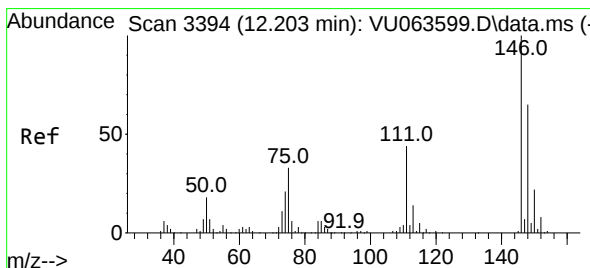
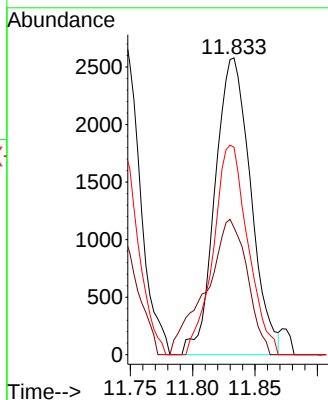
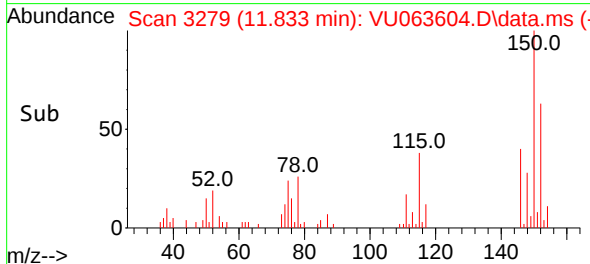
Tgt Ion:146 Resp: 513
Ion Ratio Lower Upper
146 100
111 42.8 27.2 50.4
148 69.8 44.0 81.6

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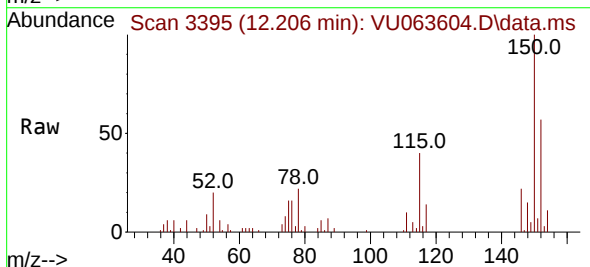
Reviewed By :Semsettin
Yesilyurt

09/22/2025
Supervised By :Mahesh
Dadoda

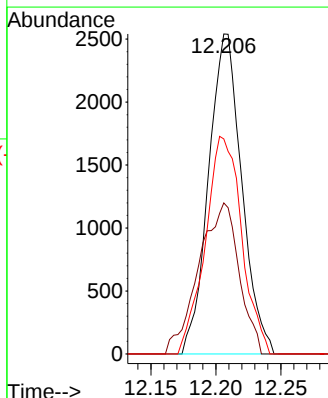
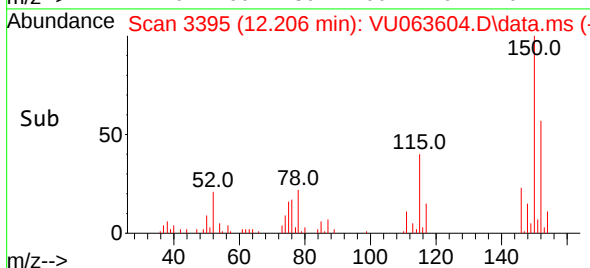
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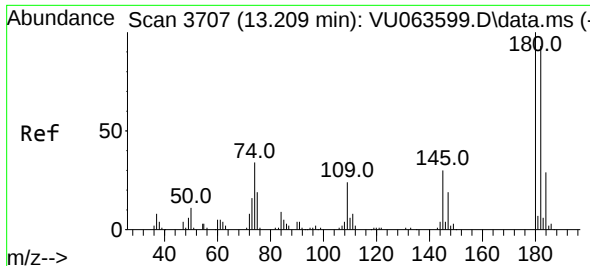


#67
1,2-Dichlorobenzene
Concen: 0.229 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01



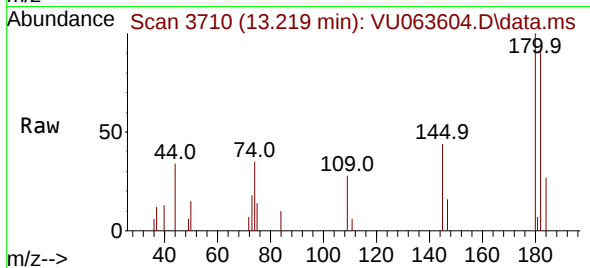
Tgt Ion:146 Resp: 4508
Ion Ratio Lower Upper
146 100
111 47.2 35.5 53.3
148 67.2 52.1 78.1





#69
1,3,5-Trichlorobenzene
Concen: 0.228 ug/L
RT: 13.219 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2025-05



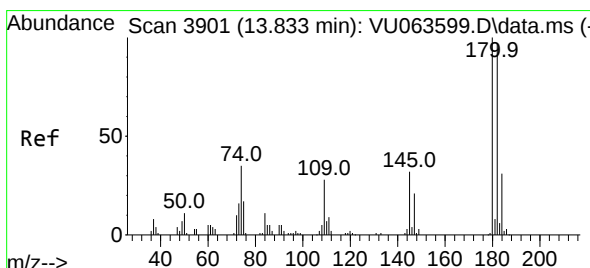
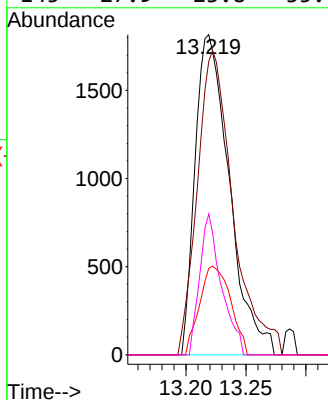
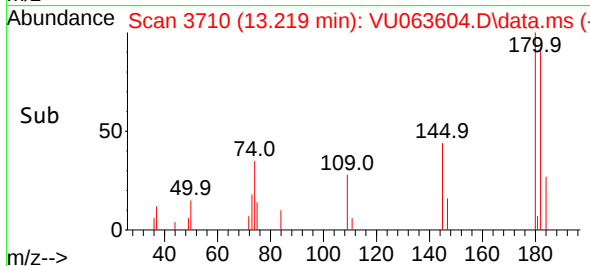
Tgt Ion:180 Resp: 359
Ion Ratio Lower Upper
180 100
182 99.2 74.6 111.8
184 25.0 23.4 35.2
145 27.9 23.8 35.6

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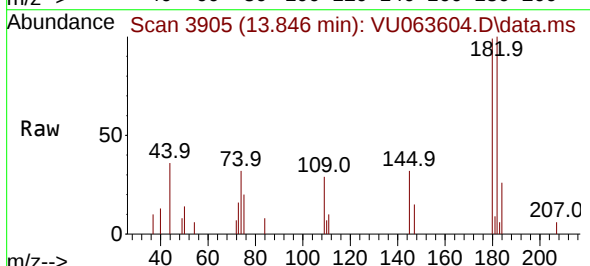
Reviewed By :Semsettin
Yesilyurt

09/22/2025
Supervised By :Mahesh
Dadoda

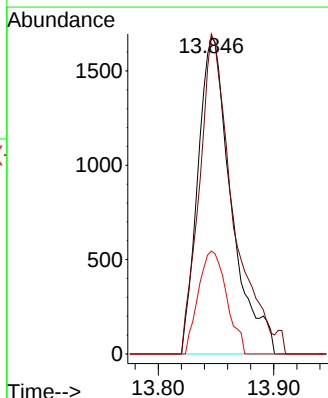
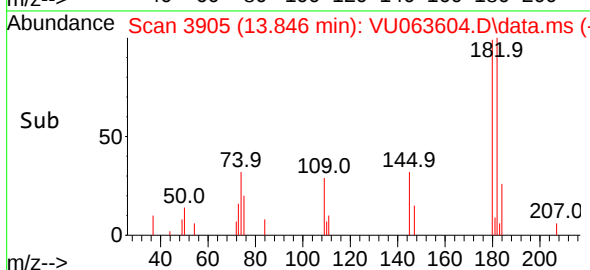
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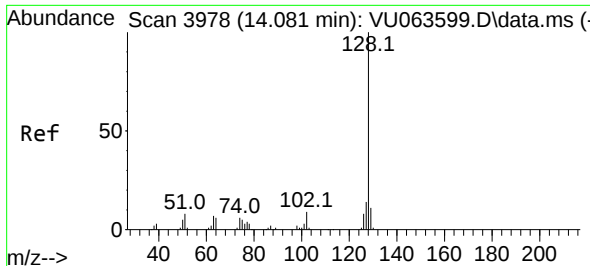


#70
1,2,4-trichlorobenzene
Concen: 0.276 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.013 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01



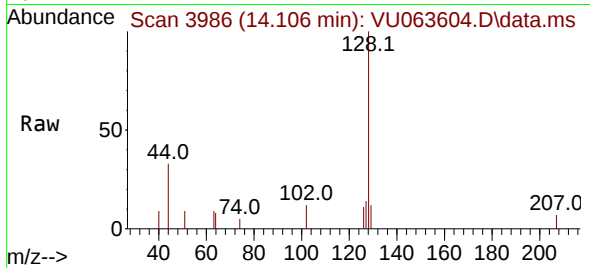
Tgt Ion:180 Resp: 3362
Ion Ratio Lower Upper
180 100
182 102.7 76.6 114.8
145 27.6 25.0 37.4





#71
Naphthalene
Concen: 0.395 ug/L m
RT: 14.106 min Scan# 3978
Delta R.T. 0.023 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2025-05



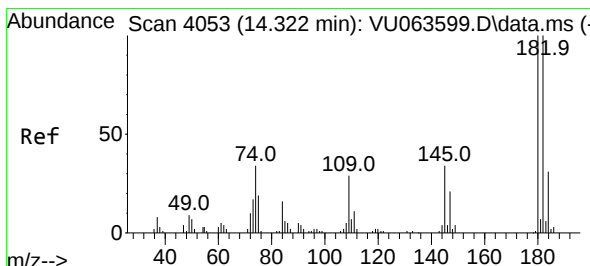
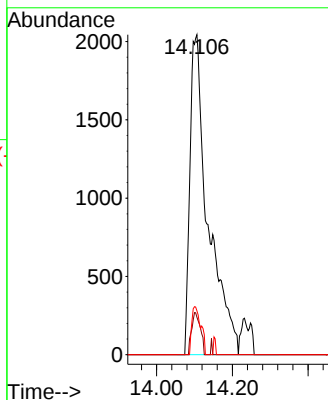
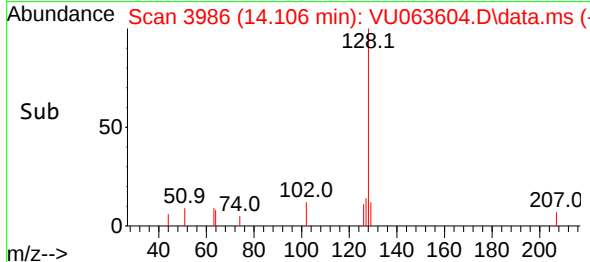
Tgt Ion:128 Resp: 720
Ion Ratio Lower Upper
128 100
129 6.0 8.8 13.2
127 7.1 11.0 16.4

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

09/22/2025
Supervised By :Mahesh
Dadoda

09/22/2025



#72
1,2,3-Trichlorobenzene
Concen: 0.303 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.007 min
Lab File: VU063604.D
Acq: 17 Sep 2025 14:01

Tgt Ion:180 Resp: 3171
Ion Ratio Lower Upper
180 100
182 93.9 78.2 117.2
145 31.5 26.0 39.0

