

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
 Data File : VU063579.D
 Acq On : 15 Sep 2025 15:14
 Operator : MD/SY
 Sample : Q2893-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Quant Time: Sep 16 05:10:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Sep 16 05:06:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

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

Internal Standards						
1) Fluorobenzene	6.101	96	33285	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.628	95	10866	0.876	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	12000	0.949	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	8620	0.785	ug/l	97
3) Chloromethane	1.519	50	9202	0.855	ug/l	98
4) Vinyl Chloride	1.599	62	9536	0.818	ug/l	97
5) Bromomethane	1.843	94	6448	0.896	ug/l	93
6) Chloroethane	1.921	64	6105	0.815	ug/l	98
7) Trichlorofluoromethane	2.126	101	13142	0.768	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	7719	0.806	ug/l	93
9) 1,1-Dichloroethene	2.570	96	7090	0.817	ug/l	96
10) Iodomethane	2.712	142	9874	0.791	ug/l	97
11) Allyl Chloride	2.911	41	11358	0.788	ug/l	99
12) Acrylonitrile	3.310	53	4481	1.707	ug/l	93
13) Acetone	2.622	43	11037	2.969	ug/l	97
14) Carbon Disulfide	2.782	76	12824	0.708	ug/l	99
15) Methylene Chloride	3.033	84	14970	1.306	ug/l	92
16) trans-1,2-Dichloroethene	3.339	96	7330	0.793	ug/l	96
17) 1,1-Dichloroethane	3.856	63	17423	0.823	ug/l	99
18) 2-Butanone	4.708	43	14281	3.374	ug/l	99
19) Cyclohexane	5.364	56	11924	0.703	ug/l	91
20) Methylcyclohexane	6.744	83	12800	0.823	ug/l	99
21) 2,2-Dichloropropane	4.650	77	12174	0.777	ug/l	98
22) cis-1,2-Dichloroethene	4.650	96	8995	0.793	ug/l	96
23) Diethyl Ether	2.371	59	5962	0.776	ug/l	95
24) tert-Butyl Alcohol	3.181	59	8260	8.106	ug/l	99
25) Methyl tert-Butyl Ether	3.358	73	21002	0.811	ug/l	93
26) Bromochloromethane	4.956	128	3894	0.849	ug/l	93
27) Chloroform	5.075	83	17538	0.828	ug/l	94
28) 1,1,1-Trichloroethane	5.300	97	12536	0.770	ug/l	97
29) 1,1-Dichloropropene	5.509	75	12660	0.837	ug/l	97
30) Carbon Tetrachloride	5.506	117	8330	0.695	ug/l	90
31) Isopropyl Ether	3.988	45	30279	0.853	ug/l	97
32) Ethyl-t-butyl ether	4.499	59	24151	0.797	ug/l	99
33) Tert-Amyl methyl ether	5.940	73	20296	0.786	ug/l	99
34) Propionitrile	4.776	54	4233	4.275	ug/l	# 96
35) Benzene	5.760	78	35501	0.815	ug/l	100
36) 1,2-Dichloroethane	5.785	62	11958	0.814	ug/l	100
37) Trichloroethene	6.528	130	8399	0.775	ug/l	87
38) 1,2-Dichloropropane	6.782	63	9251	0.802	ug/l	97
39) Methacrylonitrile	4.969	41	3927	0.840	ug/l	95
40) Methyl acrylate	4.850	55	5491	0.857	ug/l	# 87
41) Tetrahydrofuran	5.059	42	4443	1.823	ug/l	90
42) 1-Chlorobutane	5.441	56	16912	0.797	ug/l	95
43) Dibromomethane	6.904	93	5216	0.943	ug/l	89
44) Bromodichloromethane	7.091	83	9339	0.790	ug/l	98

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Quant Time: Sep 16 05:10:48 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	32584	4.702	ug/l	99
46) t-1,4-Dichloro-2-butene	10.827	75	2054m	0.792	ug/l	
47) Methyl methacrylate	6.965	69	8849	1.788	ug/l	91
48) Ethyl methacrylate	8.335	69	8257	0.899	ug/l	94
49) Toluene	7.959	92	21387	0.905	ug/l	94
50) t-1,3-Dichloropropene	8.207	75	7216	0.815	ug/l	99
51) cis-1,3-Dichloropropene	7.599	75	10007	0.849	ug/l	91
52) 1,1,2-Trichloroethane	8.393	97	6411	0.819	ug/l	94
53) 1,3-Dichloropropane	8.567	76	11969	0.880	ug/l	98
54) 2-Hexanone	8.689	43	19958	3.941	ug/l	98
55) Dibromochloromethane	8.801	129	5476	0.721	ug/l	96
56) 1,2-Dibromoethane	8.917	107	5280	0.782	ug/l	99
58) Tetrachloroethene	8.541	164	8440	0.790	ug/l	97
59) Chlorobenzene	9.441	112	21404	0.786	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.525	131	6069	0.682	ug/l	99
61) Pentachloroethane	11.419	117	4694	0.736	ug/l	86
62) Hexachloroethane	12.470	117	3480	0.627	ug/l	91
63) Ethyl Benzene	9.563	91	34733	0.747	ug/l	99
64) m/p-Xylenes	9.689	106	26257	1.469	ug/l	93
65) o-Xylene	10.094	106	12764	0.713	ug/l	98
66) Styrene	10.110	104	20363	0.713	ug/l	98
67) Bromoform	10.287	173	2381	0.630	ug/l	98
69) Isopropylbenzene	10.477	105	31441	0.724	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.776	83	7802	0.782	ug/l	97
71) 1,2,3-Trichloropropane	10.817	75	5810m	0.786	ug/l	
72) Bromobenzene	10.779	156	8144	0.723	ug/l	81
73) n-propylbenzene	10.898	120	9174	0.731	ug/l	97
74) 2-Chlorotoluene	10.978	126	8122	0.716	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	29018	0.714	ug/l	98
76) 4-Chlorotoluene	11.094	126	8796	0.740	ug/l	94
77) tert-Butylbenzene	11.409	119	28874	0.735	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	29007	0.734	ug/l	97
79) sec-Butylbenzene	11.634	105	38510	0.724	ug/l	99
80) Nitrobenzene	13.222	77	598	4.368	ug/l #	58
81) p-Isopropyltoluene	11.785	119	30206	0.706	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	17077	0.753	ug/l	96
83) 1,4-Dichlorobenzene	11.830	146	16751	0.719	ug/l	97
84) n-Butylbenzene	12.200	91	28095	0.700	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	16659	0.762	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.984	75	913	0.710	ug/l #	81
87) 1,2,4-Trichlorobenzene	13.837	180	10036	0.758	ug/l	94
88) Hexachlorobutadiene	14.010	225	5855	0.711	ug/l	99
89) Naphthalene	14.087	128	18211	0.778	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	9382	0.747	ug/l	96

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

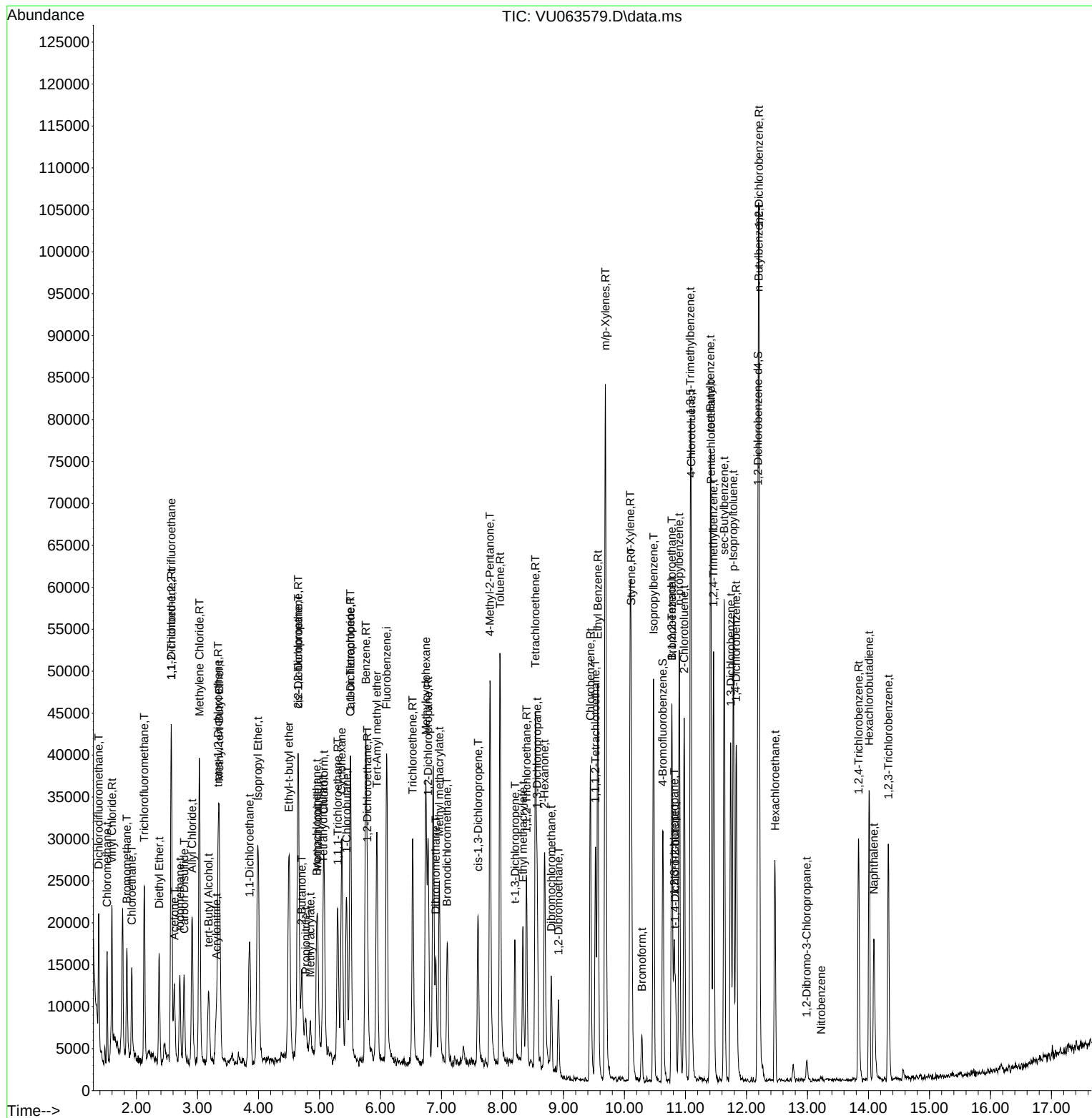
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Data File : VU063579.D
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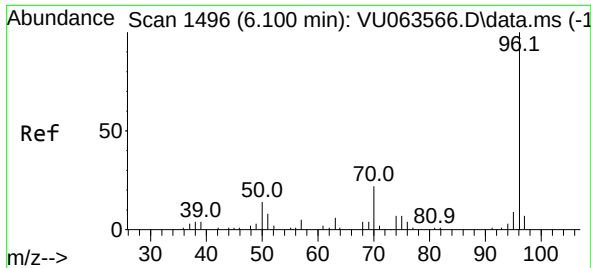
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MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

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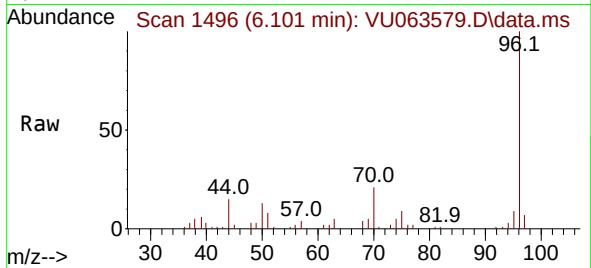
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.101 min Scan# 1496
Delta R.T. 0.001 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

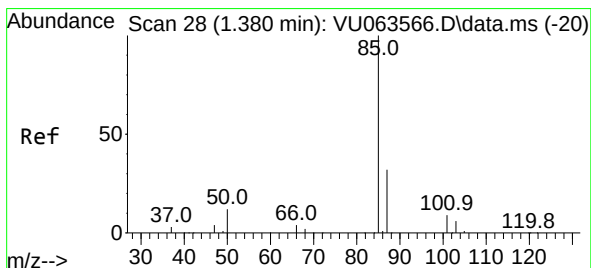
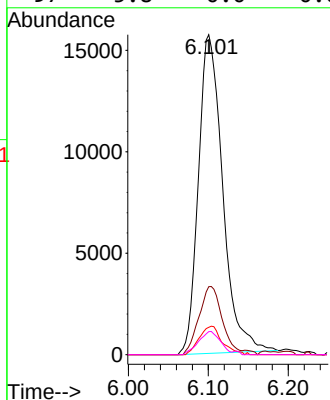
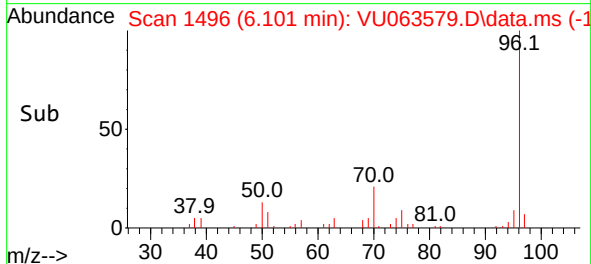
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 96	Resp: 3328
Ion Ratio	Lower Upper
96 100	
70 19.1	15.5 23.3
95 8.4	7.7 11.5
97 5.8	0.0 0.0

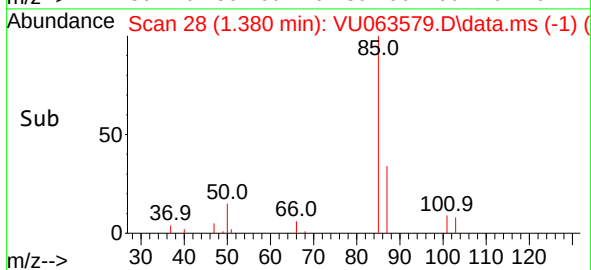
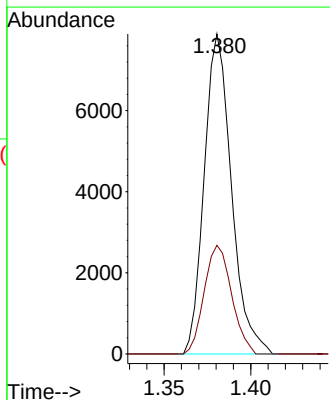
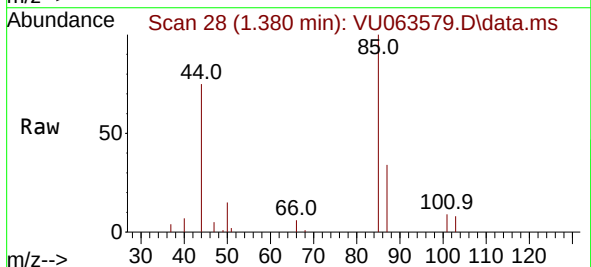
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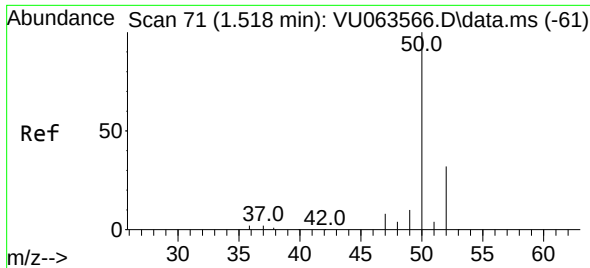
Reviewed By :Mahesh Dadoda 09/16/2025
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#2
Dichlorodifluoromethane
Concen: 0.785 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Tgt Ion: 85	Resp: 8620
Ion Ratio	Lower Upper
85 100	
87 33.9	16.1 48.2





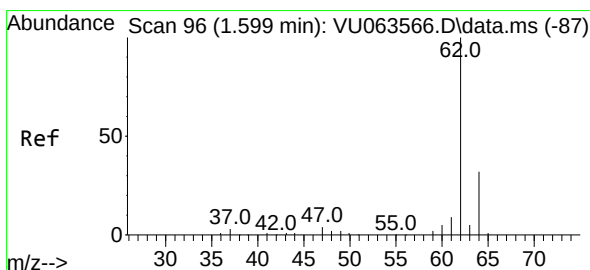
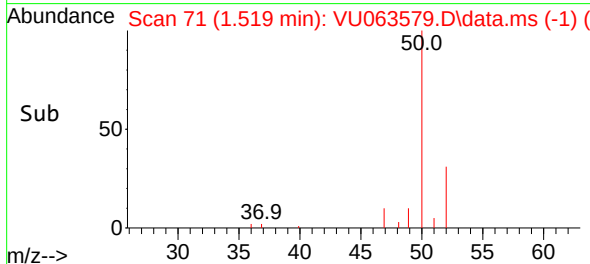
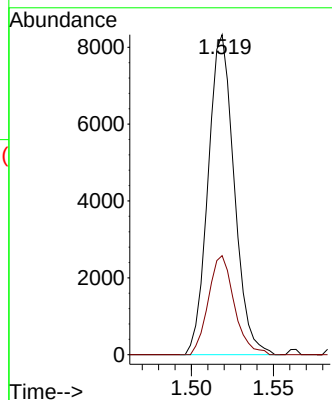
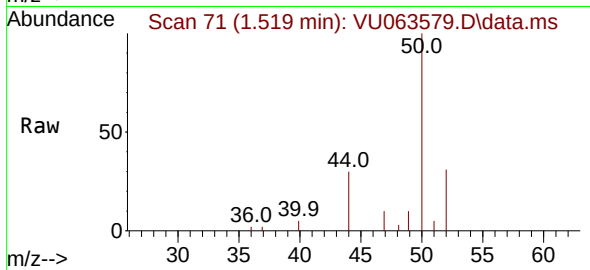
#3
Chloromethane
Concen: 0.855 ug/l
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 50 Resp: 920
Ion Ratio Lower Upper
50 100
52 31.0 25.6 38.4

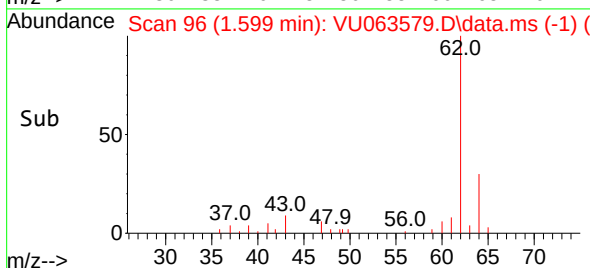
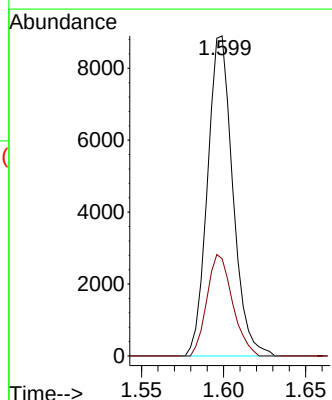
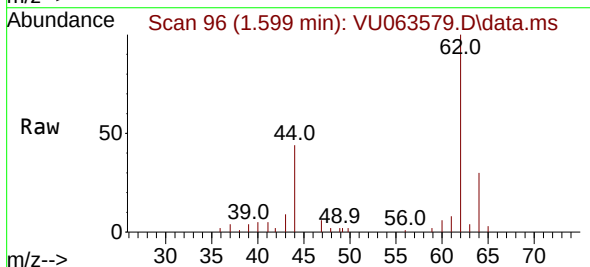
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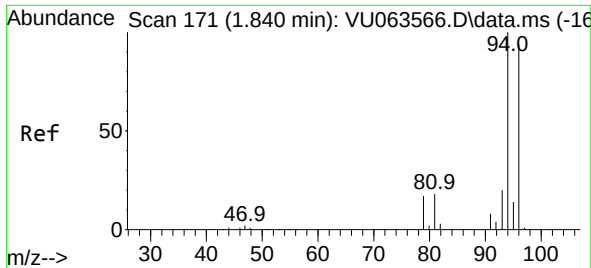
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#4
Vinyl Chloride
Concen: 0.818 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Tgt Ion: 62 Resp: 9536
Ion Ratio Lower Upper
62 100
64 30.4 25.5 38.3





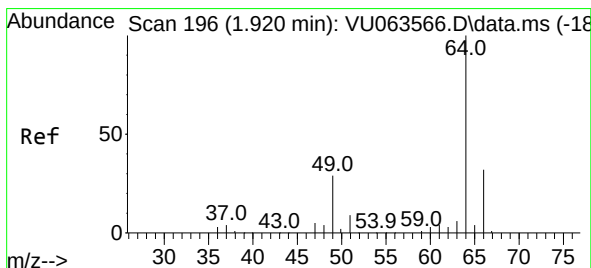
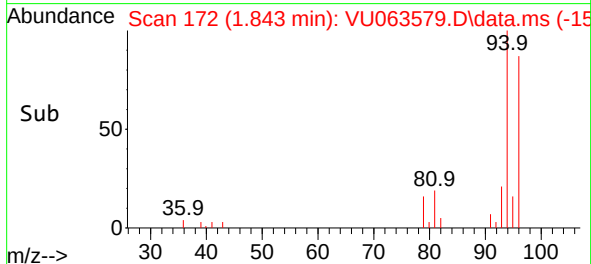
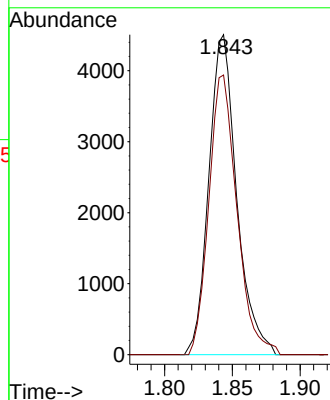
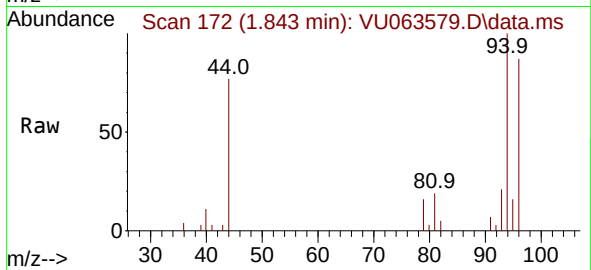
#5
Bromomethane
Concen: 0.896 ug/l
RT: 1.843 min Scan# 171
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 94 Resp: 6448
Ion Ratio Lower Upper
94 100
96 87.4 75.1 112.7

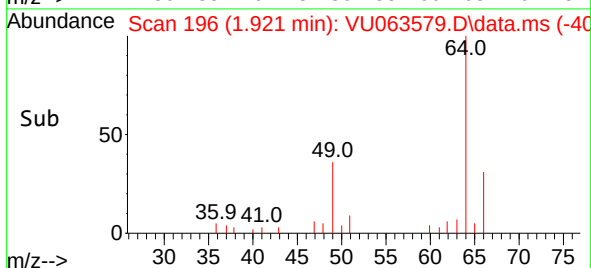
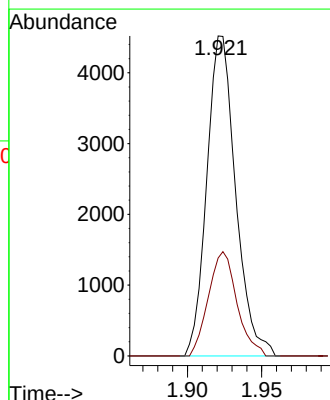
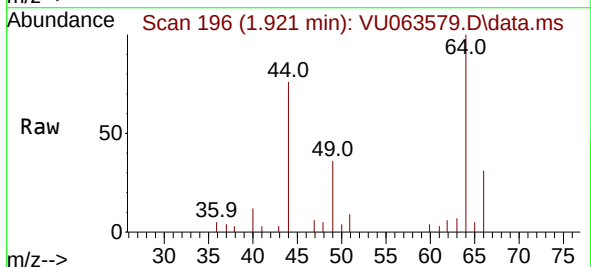
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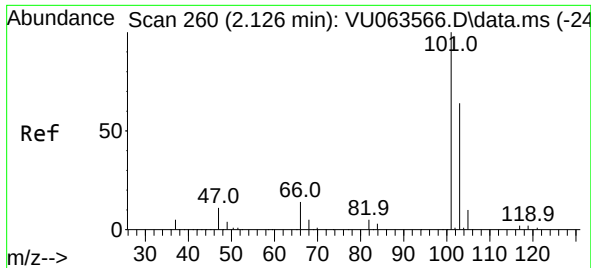
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#6
Chloroethane
Concen: 0.815 ug/l
RT: 1.921 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

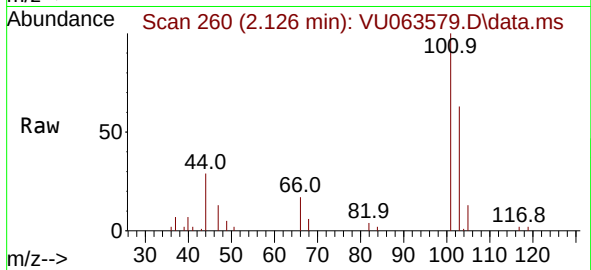
Tgt Ion: 64 Resp: 6105
Ion Ratio Lower Upper
64 100
66 30.6 25.4 38.0





#7
Trichlorofluoromethane
Concen: 0.768 ug/l
RT: 2.126 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

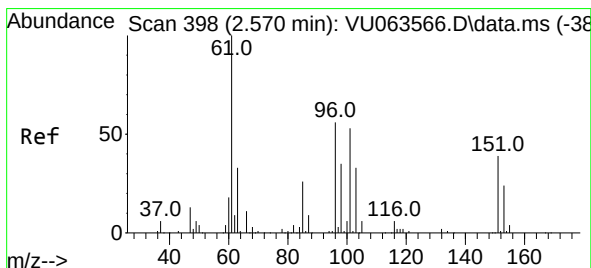
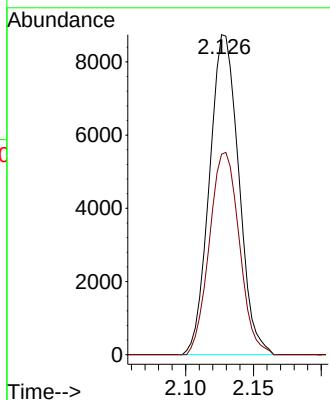
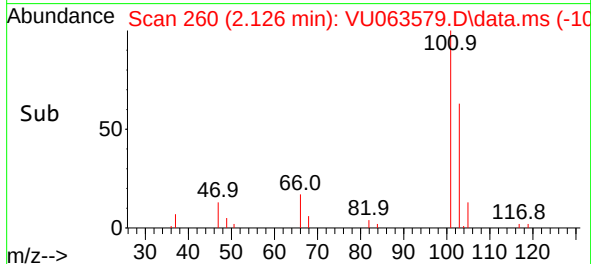
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:101 Resp: 1314
Ion Ratio Lower Upper
101 100
103 62.6 50.8 76.2

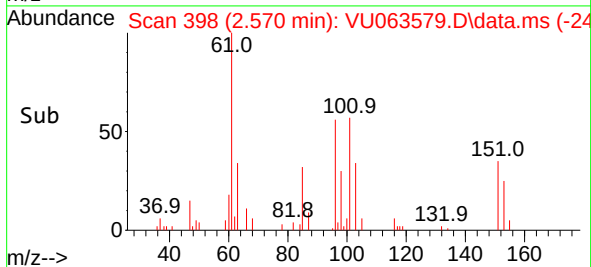
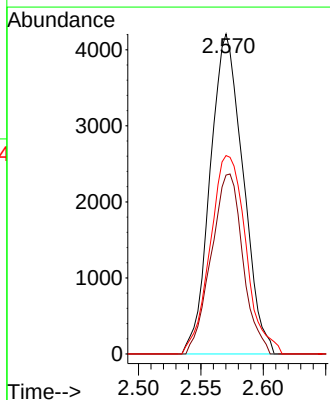
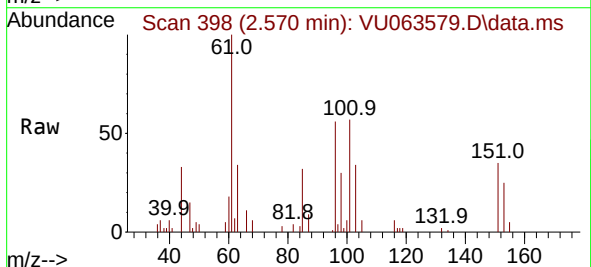
Manual Integrations
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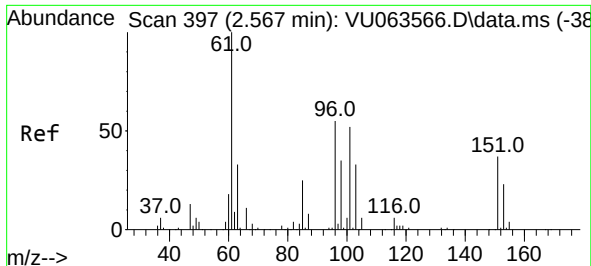
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.806 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Tgt Ion:101 Resp: 7719
Ion Ratio Lower Upper
101 100
85 54.3 38.7 58.1
151 67.2 58.2 87.2





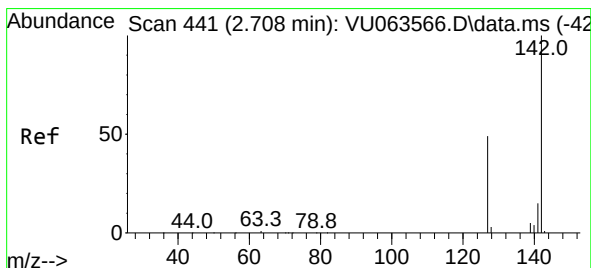
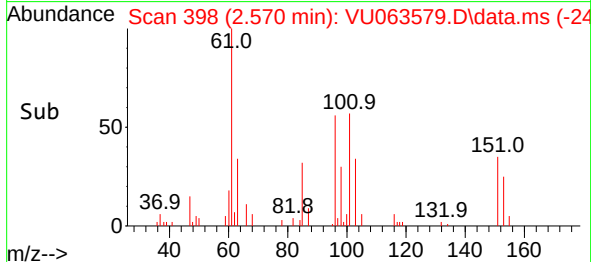
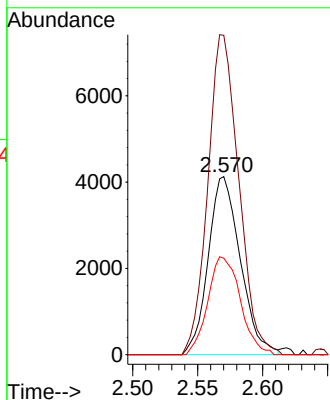
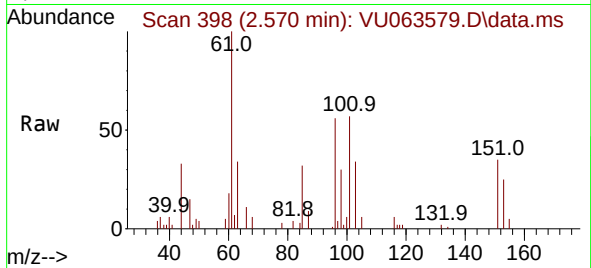
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1,1-Dichloroethene
Concen: 0.817 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

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MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 7090
Ion Ratio Lower Upper
96 100
61 179.4 0.0 543.9
98 54.2 0.0 125.8

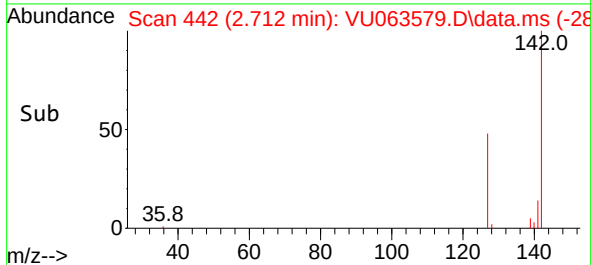
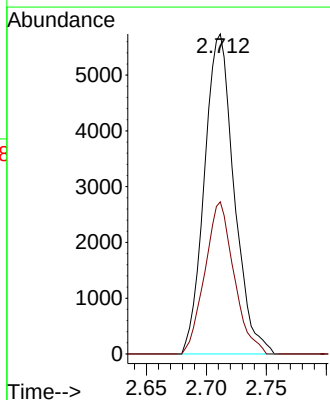
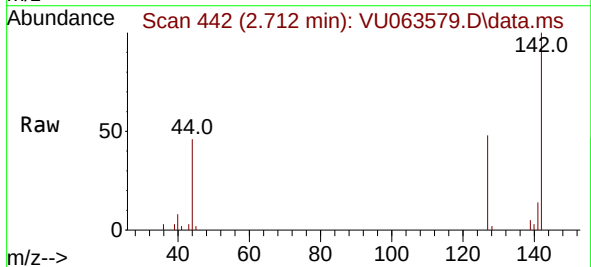
Manual Integrations
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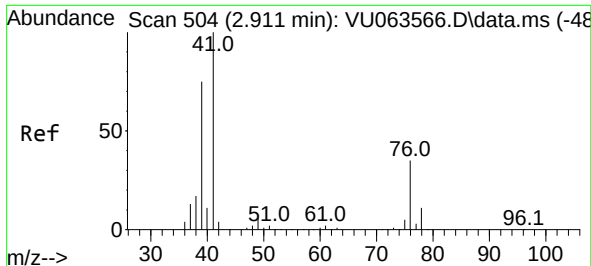
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#10
Iodomethane
Concen: 0.791 ug/l
RT: 2.712 min Scan# 442
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Tgt Ion:142 Resp: 9874
Ion Ratio Lower Upper
142 100
127 46.6 38.6 58.0





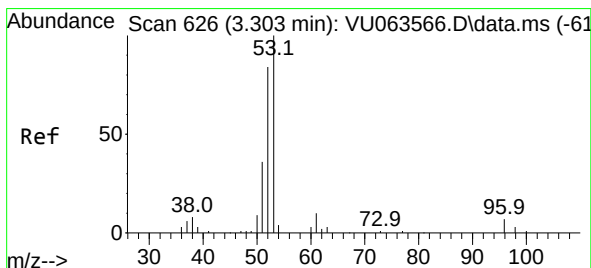
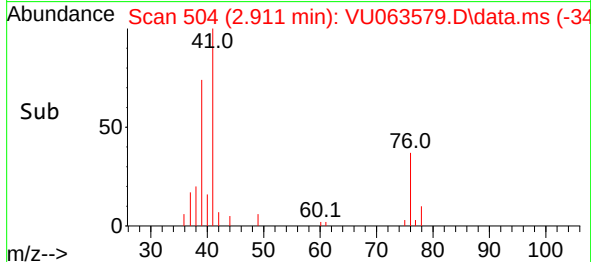
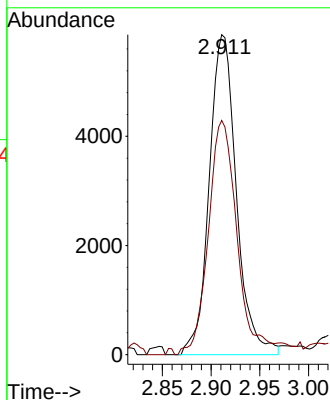
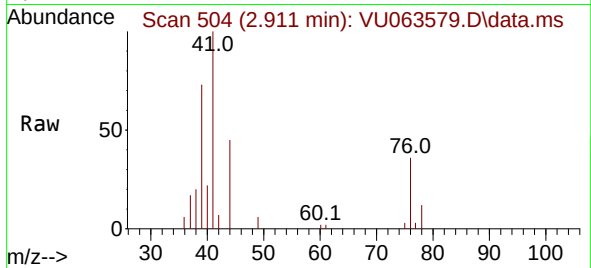
#11
 Allyl Chloride
 Concen: 0.788 ug/l
 RT: 2.911 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: VU063579.D
 Acq: 15 Sep 2025 15:14

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 41 Resp: 11358
 Ion Ratio Lower Upper
 41 100
 39 77.0 61.2 91.8

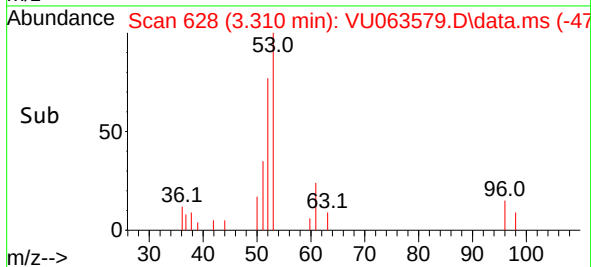
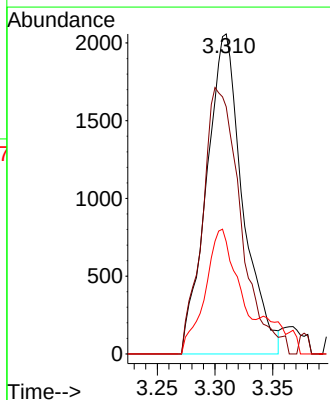
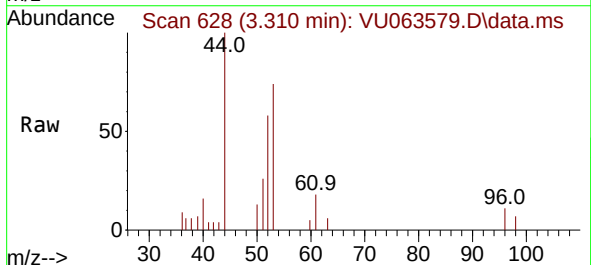
Manual Integrations
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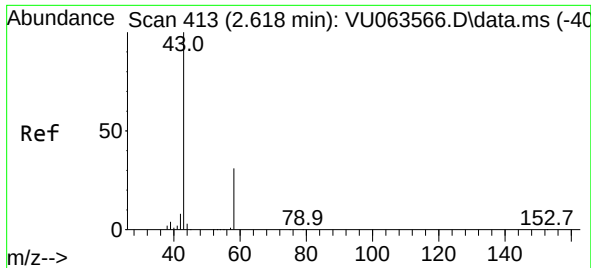
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025



#12
 Acrylonitrile
 Concen: 1.707 ug/l
 RT: 3.310 min Scan# 628
 Delta R.T. 0.007 min
 Lab File: VU063579.D
 Acq: 15 Sep 2025 15:14

Tgt Ion: 53 Resp: 4481
 Ion Ratio Lower Upper
 53 100
 52 88.0 65.0 97.4
 51 36.2 31.2 46.8





#13

Acetone

Concen: 2.969 ug/l

RT: 2.622 min Scan# 413

Delta R.T. 0.004 min

Lab File: VU063579.D

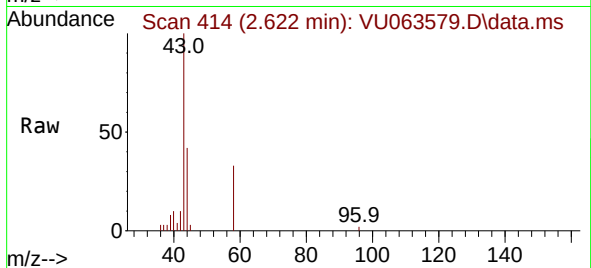
Acq: 15 Sep 2025 15:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 43 Resp: 1103

Ion Ratio Lower Upper

43 100

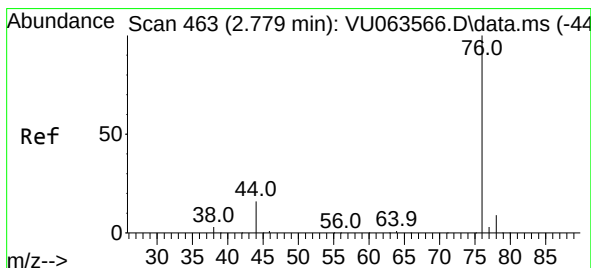
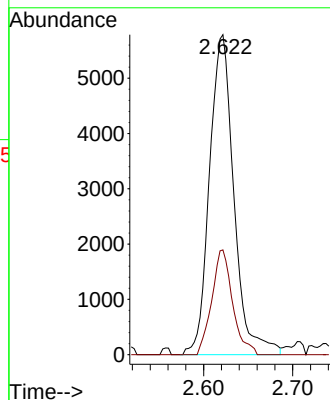
58 32.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#14

Carbon Disulfide

Concen: 0.708 ug/l

RT: 2.782 min Scan# 464

Delta R.T. 0.004 min

Lab File: VU063579.D

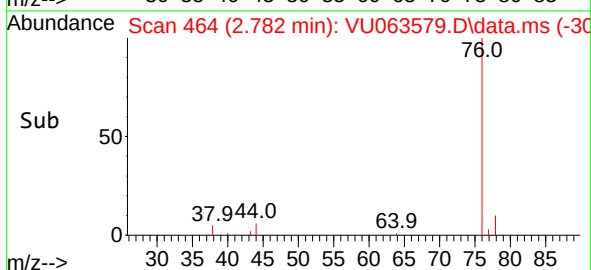
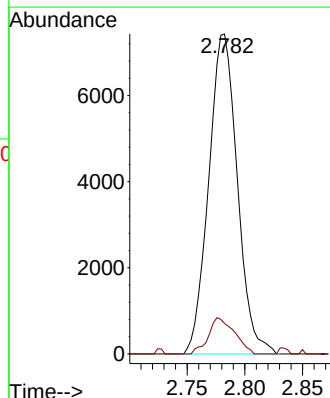
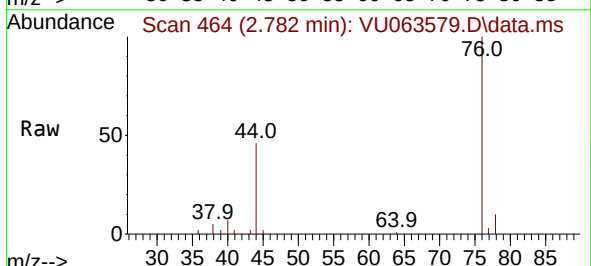
Acq: 15 Sep 2025 15:14

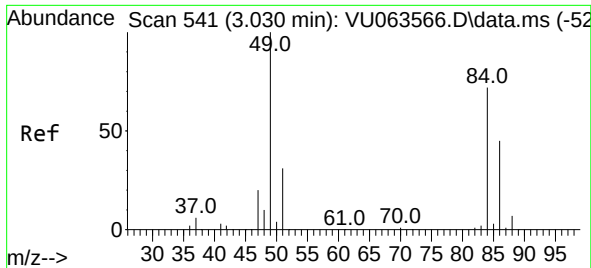
Tgt Ion: 76 Resp: 12824

Ion Ratio Lower Upper

76 100

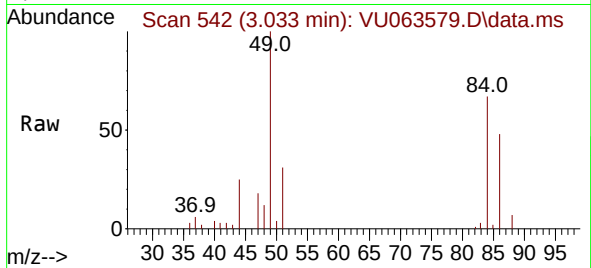
78 9.6 7.3 10.9





#15
Methylene Chloride
Concen: 1.306 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

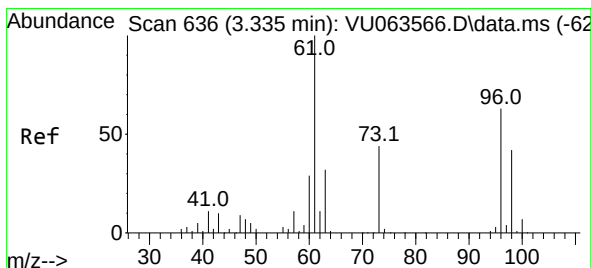
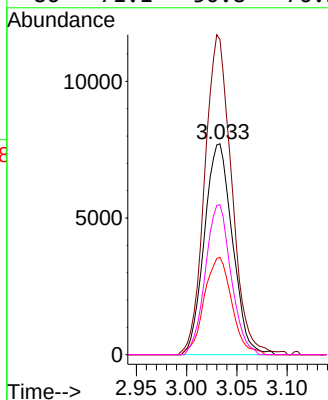
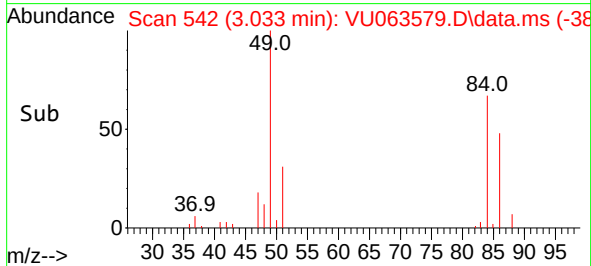
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



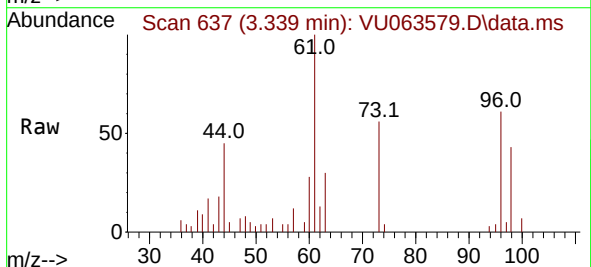
Tgt Ion: 84 Resp: 14970
Ion Ratio Lower Upper
84 100
49 149.4 111.8 167.6
51 46.2 0.0 86.0
86 71.1 50.8 76.2

Manual Integrations
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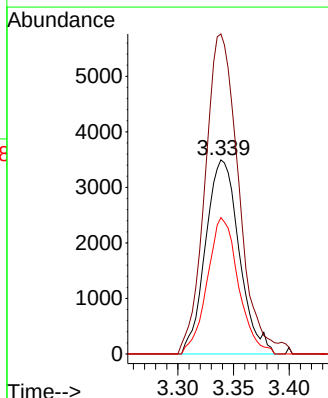
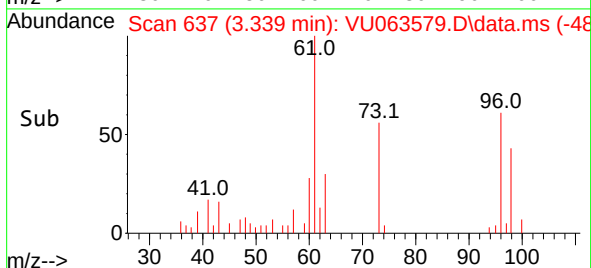
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

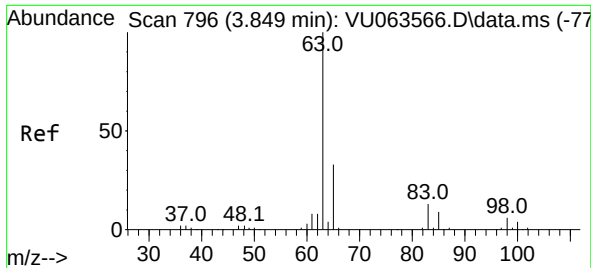


#16
trans-1,2-Dichloroethene
Concen: 0.793 ug/l
RT: 3.339 min Scan# 637
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14



Tgt Ion: 96 Resp: 7330
Ion Ratio Lower Upper
96 100
61 164.9 127.8 191.6
98 70.2 53.8 80.8





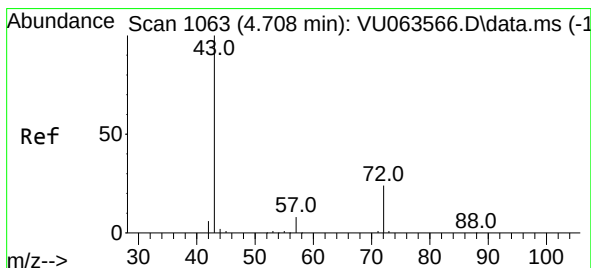
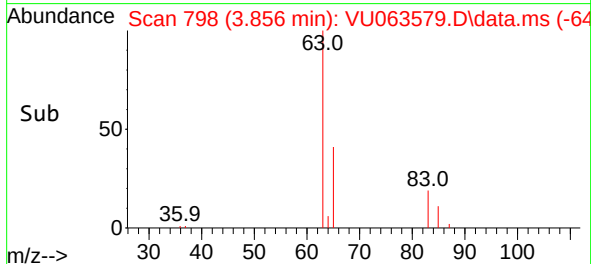
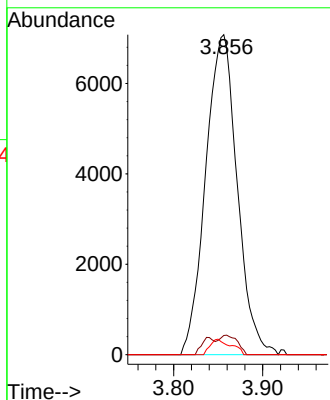
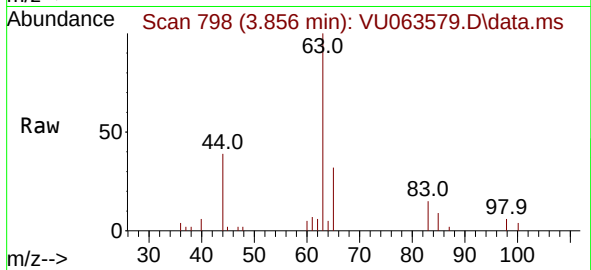
#17
1,1-Dichloroethane
Concen: 0.823 ug/l
RT: 3.856 min Scan# 796
Delta R.T. 0.007 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 63 Resp: 1742
Ion Ratio Lower Upper
63 100
98 6.0 2.9 8.8
100 3.6 2.0 5.8

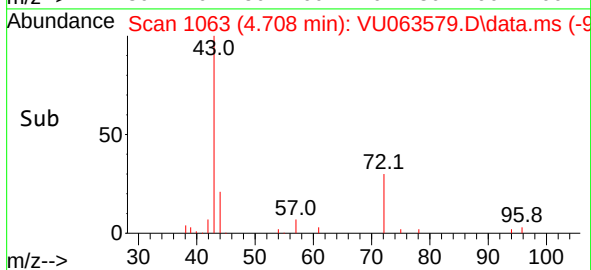
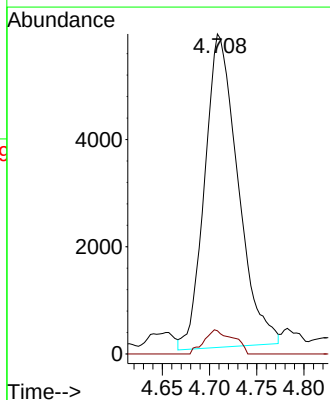
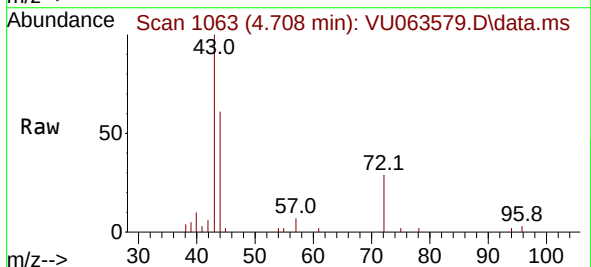
Manual Integrations
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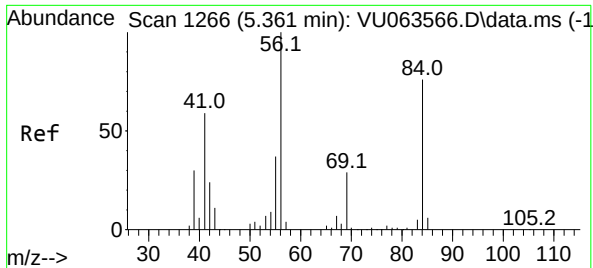
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#18
2-Butanone
Concen: 3.374 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

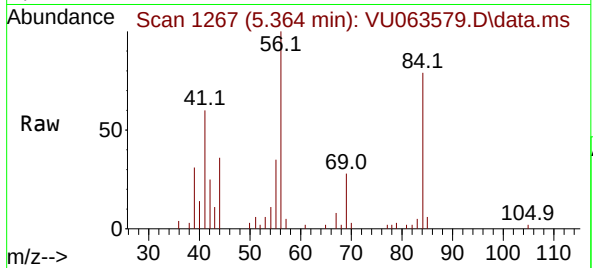
Tgt Ion: 43 Resp: 14281
Ion Ratio Lower Upper
43 100
57 7.6 0.0 15.8





#19
Cyclohexane
Concen: 0.703 ug/l
RT: 5.364 min Scan# 11924
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

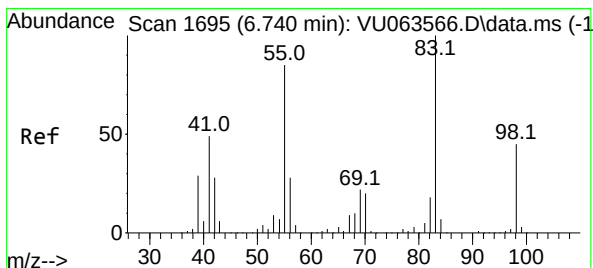
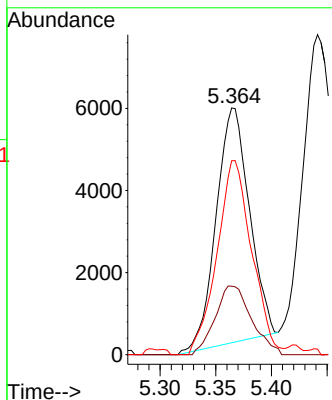
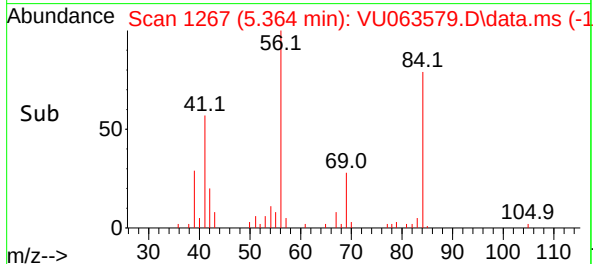
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 56 Resp: 11924
Ion Ratio Lower Upper
56 100
69 31.8 22.7 34.1
84 83.0 59.4 89.0

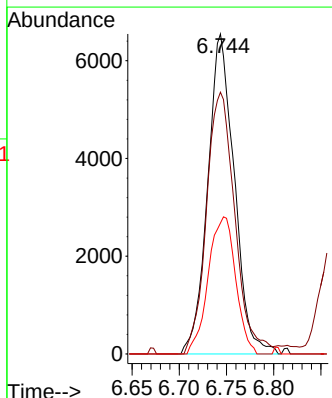
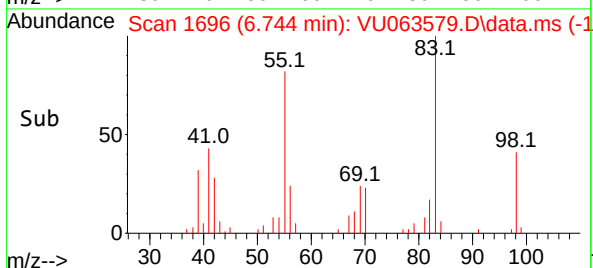
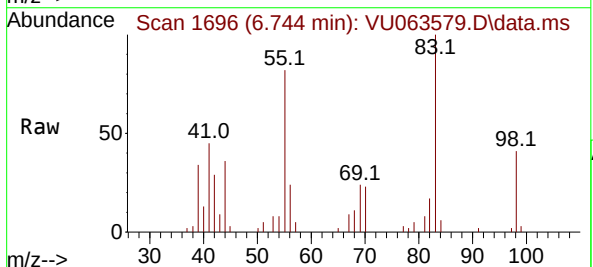
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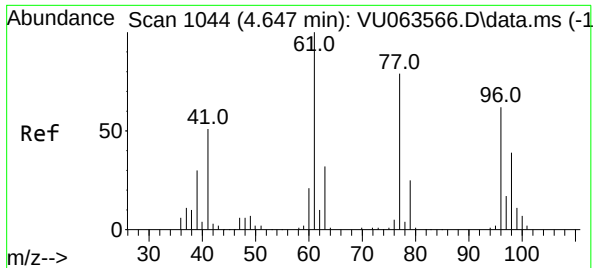
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#20
Methylcyclohexane
Concen: 0.823 ug/l
RT: 6.744 min Scan# 1696
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Tgt Ion: 83 Resp: 12800
Ion Ratio Lower Upper
83 100
55 84.0 66.7 100.1
98 44.1 35.9 53.9





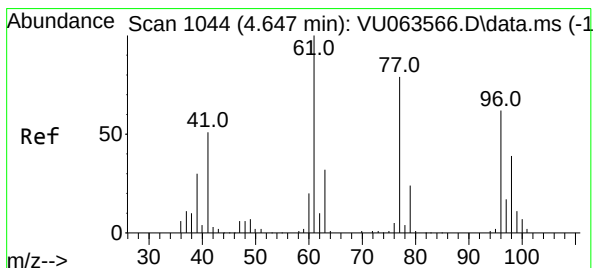
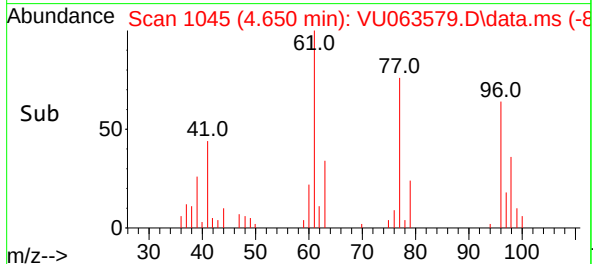
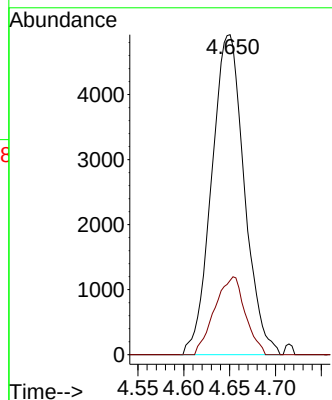
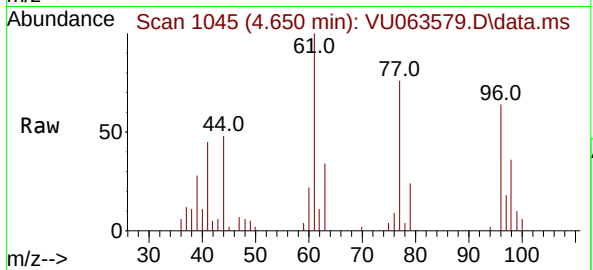
#21
2,2-Dichloropropane
Concen: 0.777 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 77 Resp: 12174
Ion Ratio Lower Upper
77 100
97 22.8 17.5 26.3

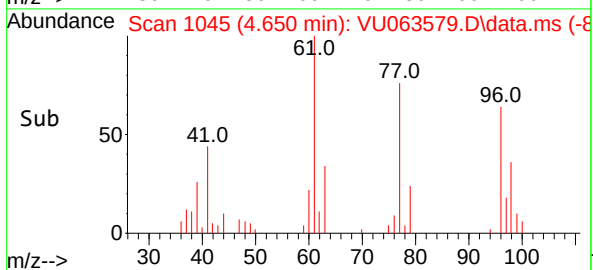
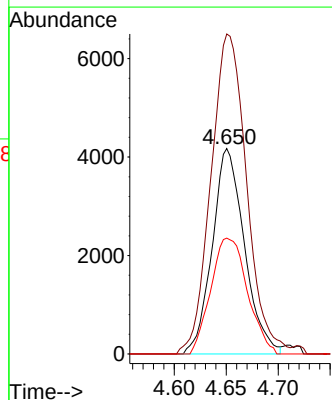
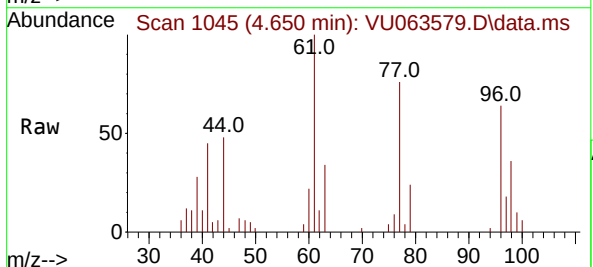
Manual Integrations
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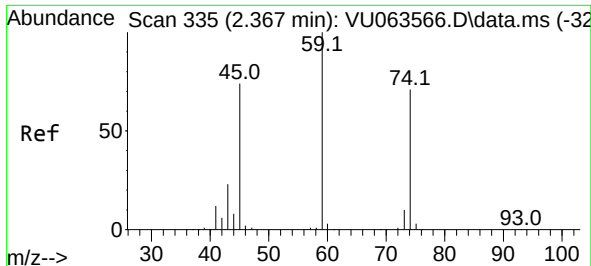
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#22
cis-1,2-Dichloroethene
Concen: 0.793 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Tgt Ion: 96 Resp: 8995
Ion Ratio Lower Upper
96 100
61 172.6 0.0 411.0
98 64.2 31.9 95.9





#23

Diethyl Ether

Concen: 0.776 ug/l

RT: 2.371 min Scan# 31

Delta R.T. 0.004 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Instrument :

MSVOA_U

ClientSampleId :

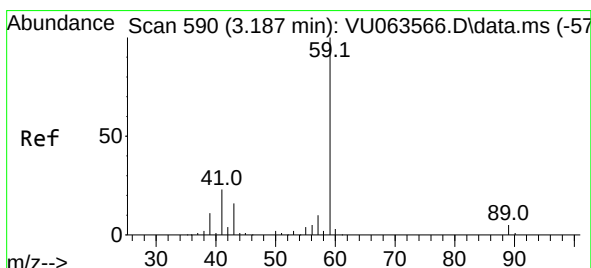
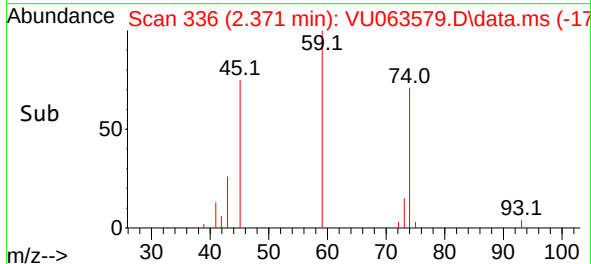
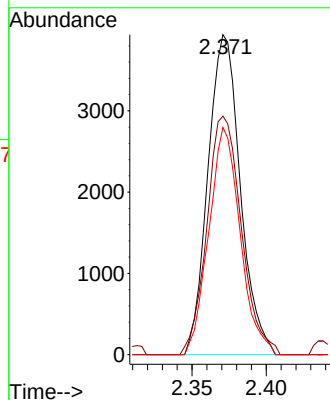
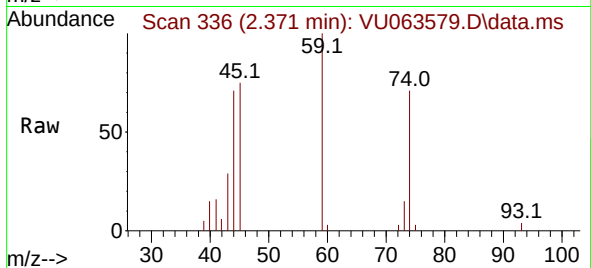
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 59	Resp: 596
Ion Ratio	Lower Upper
59	100
45	79.3 59.0 88.6
74	68.7 57.8 86.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#24

tert-Butyl Alcohol

Concen: 8.106 ug/l

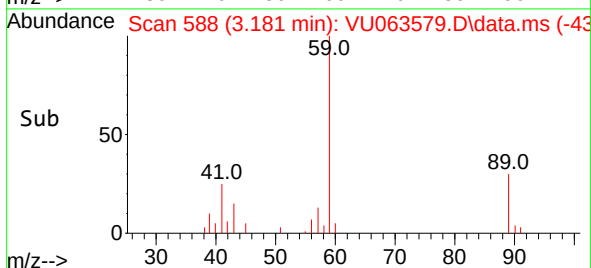
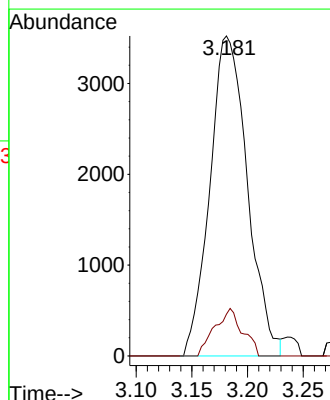
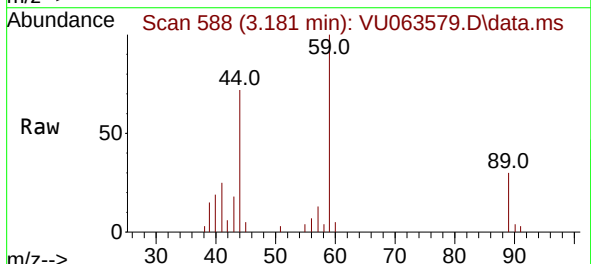
RT: 3.181 min Scan# 588

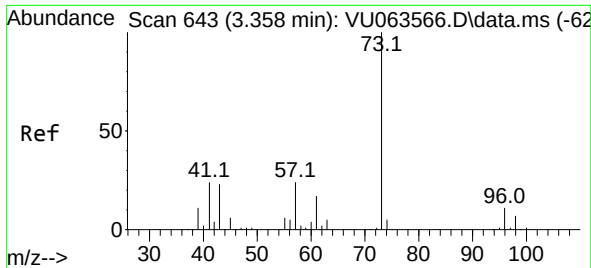
Delta R.T. -0.006 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Tgt Ion: 59	Resp: 8260
Ion Ratio	Lower Upper
59	100
57	11.0 8.6 12.8





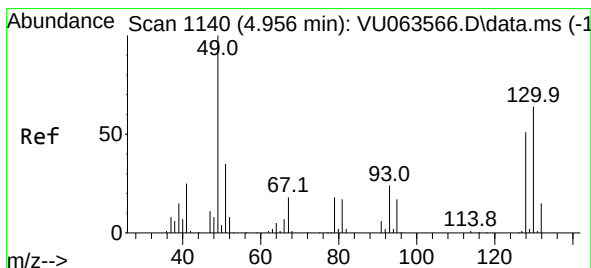
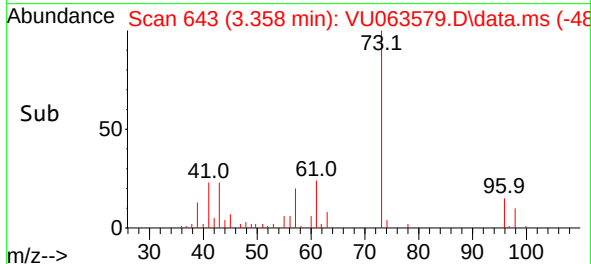
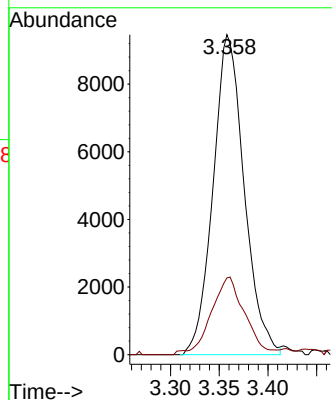
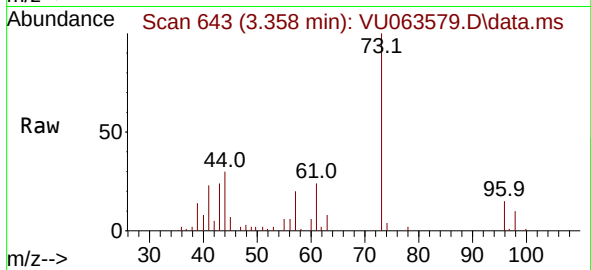
#25
Methyl tert-Butyl Ether
Concen: 0.811 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 73 Resp: 2100
Ion Ratio Lower Upper
73 100
43 26.1 18.1 27.1

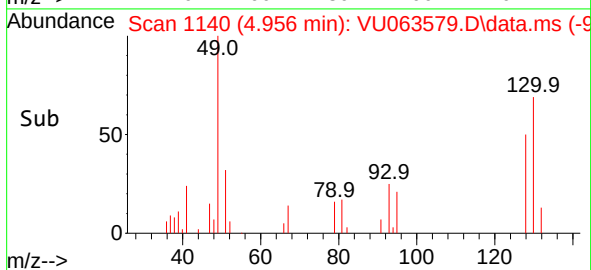
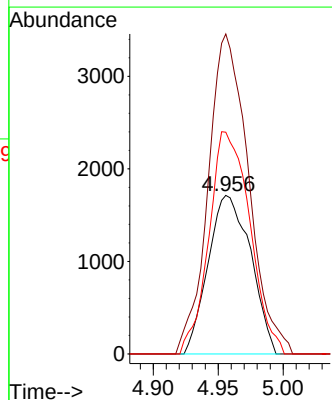
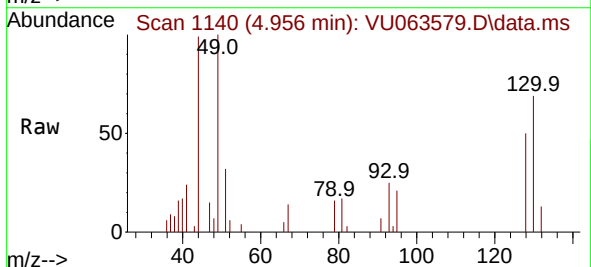
Manual Integrations
APPROVED

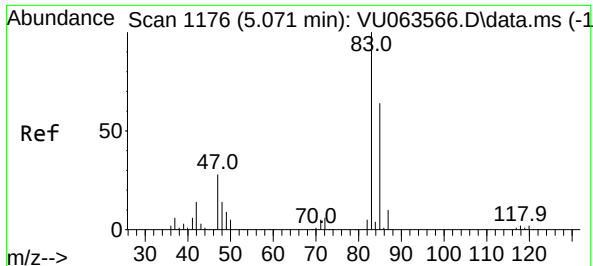
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#26
Bromochloromethane
Concen: 0.849 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Tgt Ion:128 Resp: 3894
Ion Ratio Lower Upper
128 100
49 191.8 0.0 410.2
130 135.1 103.4 155.0





#27

Chloroform

Concen: 0.828 ug/l

RT: 5.075 min Scan# 1176

Delta R.T. 0.004 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 83 Resp: 17538

Ion Ratio Lower Upper

83 100

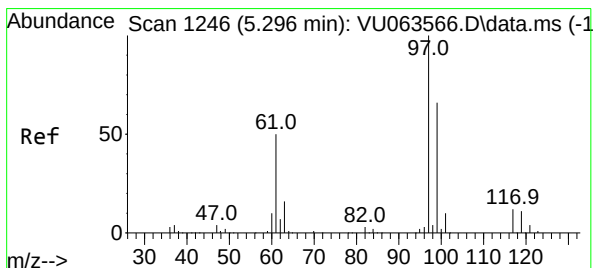
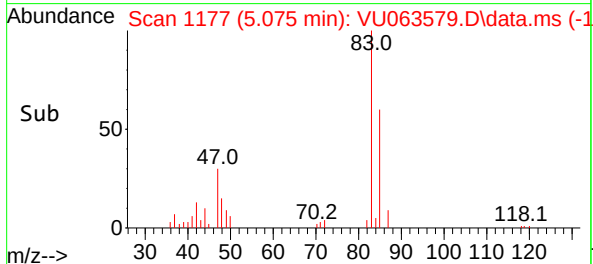
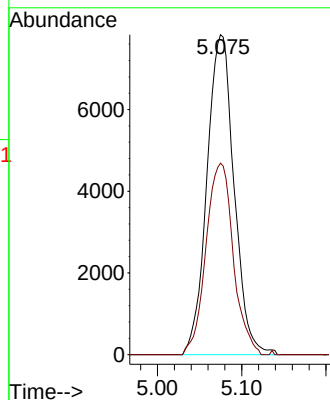
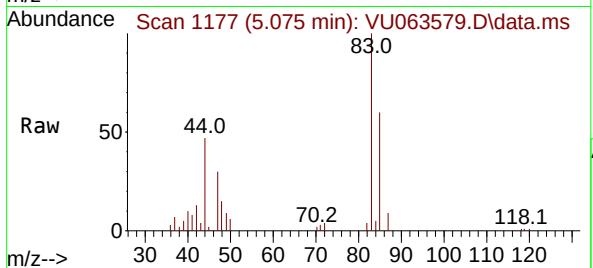
85 59.9 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#28

1,1,1-Trichloroethane

Concen: 0.770 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. 0.004 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

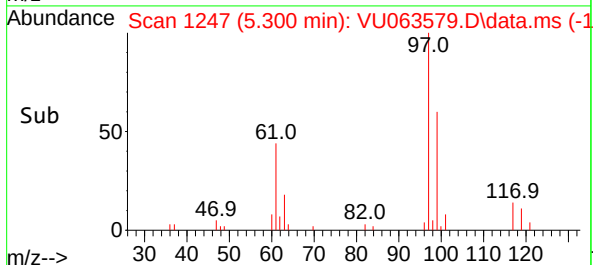
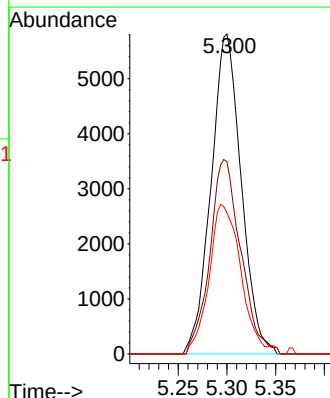
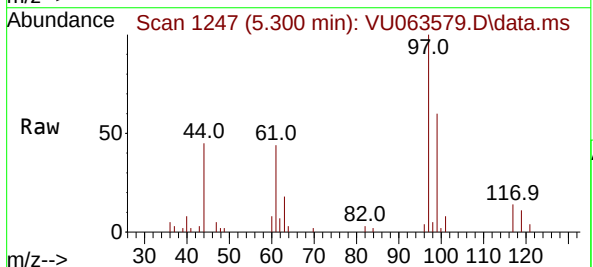
Tgt Ion: 97 Resp: 12536

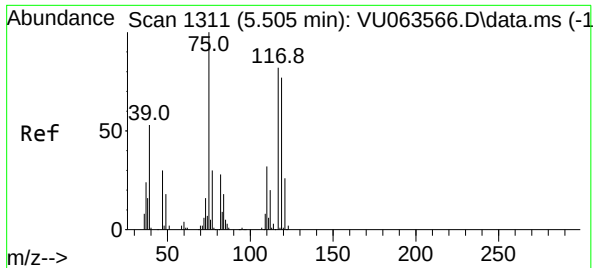
Ion Ratio Lower Upper

97 100

99 62.3 32.4 97.0

61 48.8 25.1 75.4





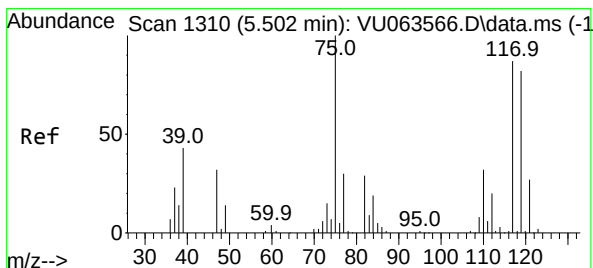
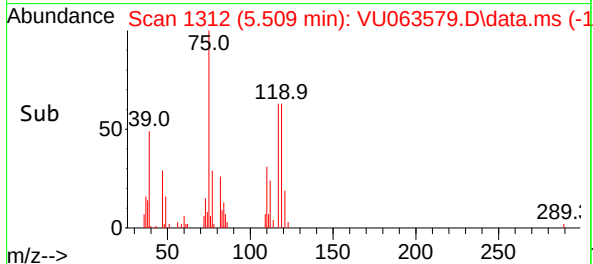
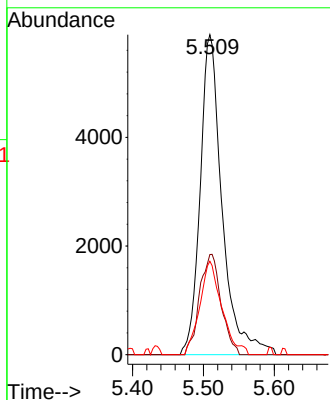
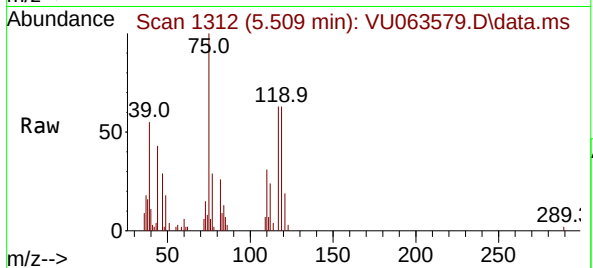
#29
1,1-Dichloropropene
Concen: 0.837 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 75 Resp: 12660
Ion Ratio Lower Upper
75 100
110 30.7 16.4 49.4
77 29.3 24.6 37.0

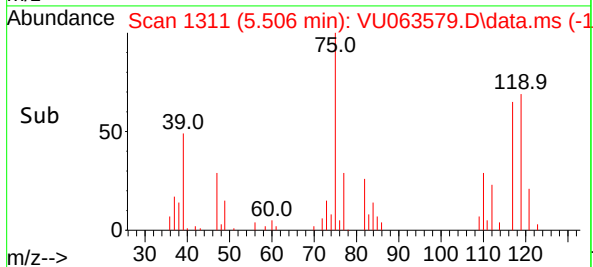
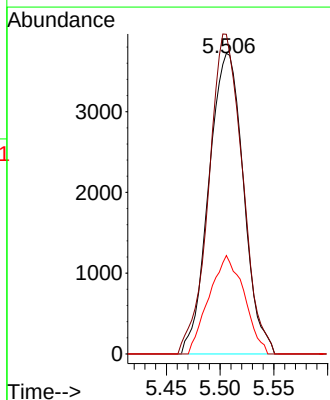
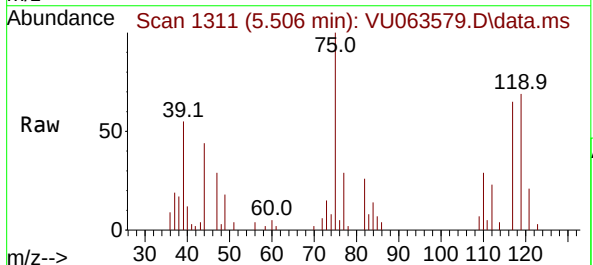
Manual Integrations
APPROVED

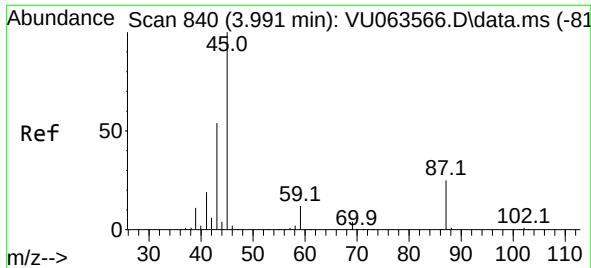
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#30
Carbon Tetrachloride
Concen: 0.695 ug/l
RT: 5.506 min Scan# 1311
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

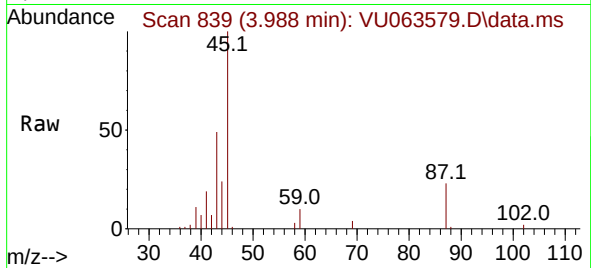
Tgt Ion:117 Resp: 8330
Ion Ratio Lower Upper
117 100
119 106.3 75.7 113.5
121 32.7 25.4 38.0





#31
Isopropyl Ether
Concen: 0.853 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

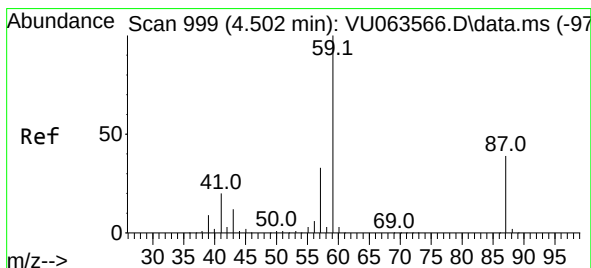
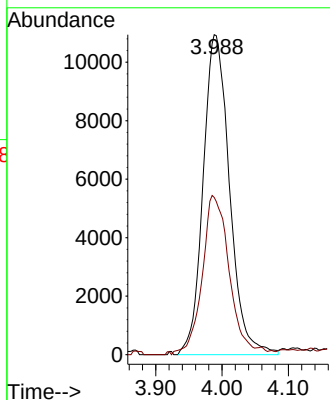
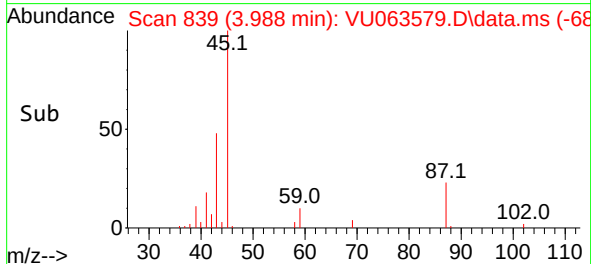
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 45 Resp: 30279
Ion Ratio Lower Upper
45 100
43 50.2 26.2 78.6

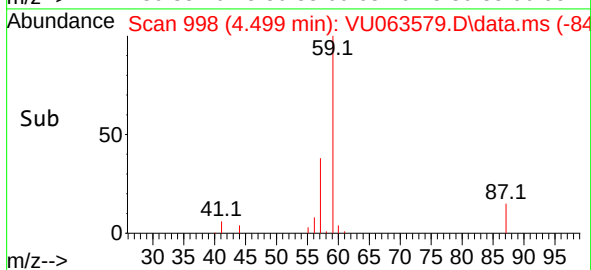
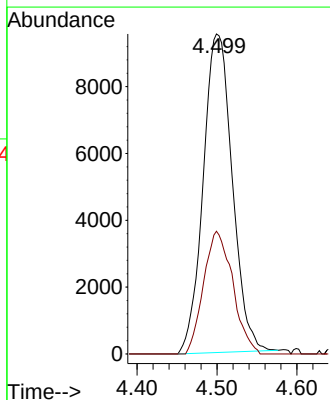
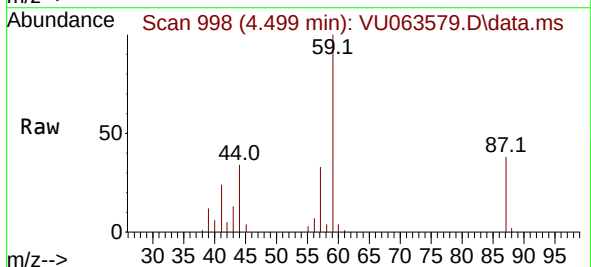
Manual Integrations
APPROVED

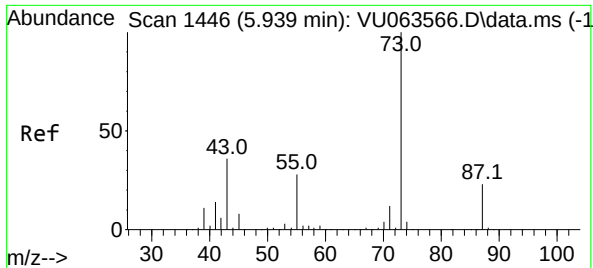
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#32
Ethyl-t-butyl ether
Concen: 0.797 ug/l
RT: 4.499 min Scan# 998
Delta R.T. -0.003 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

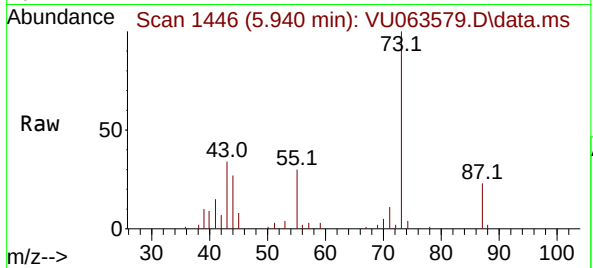
Tgt Ion: 59 Resp: 24151
Ion Ratio Lower Upper
59 100
87 38.6 31.2 46.8





#33
Tert-Amyl methyl ether
Concen: 0.786 ug/l
RT: 5.940 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

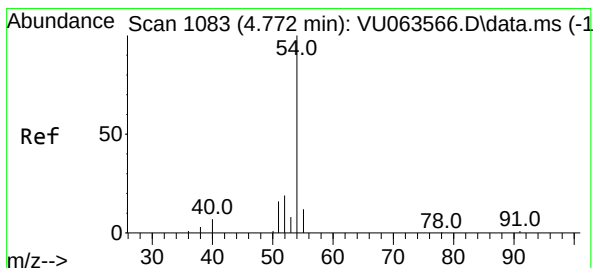
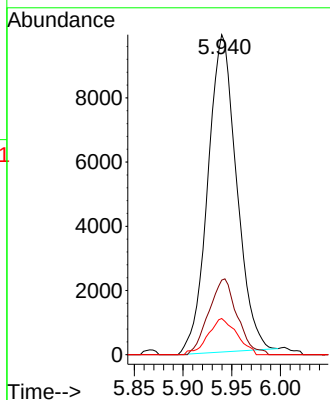
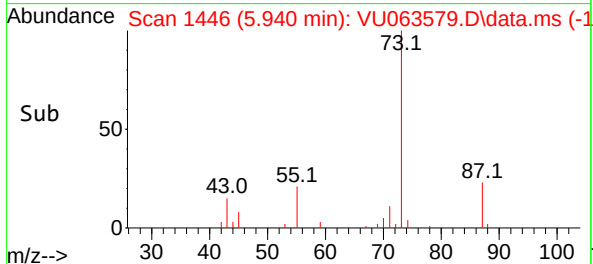
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



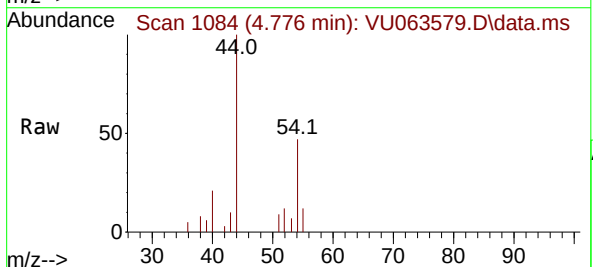
Tgt Ion: 73 Resp: 20290
Ion Ratio Lower Upper
73 100
87 23.6 19.0 28.6
71 11.4 9.4 14.2

Manual Integrations
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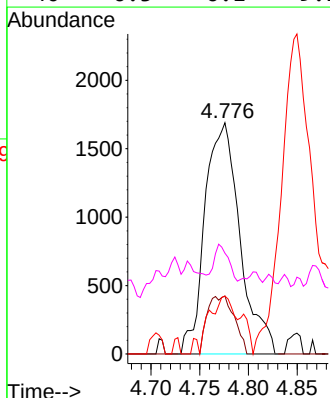
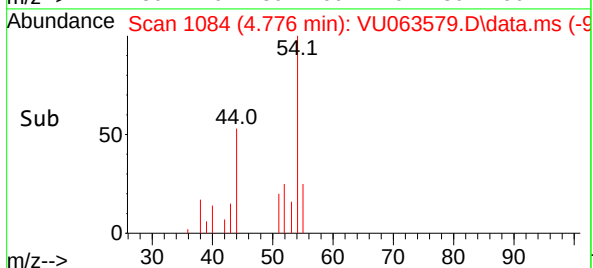
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

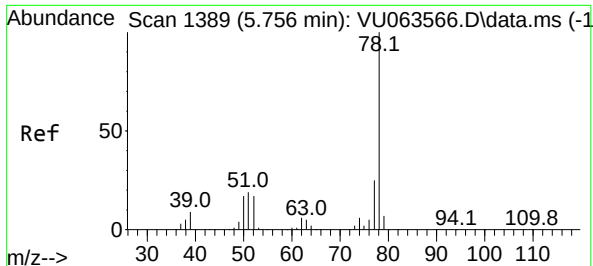


#34
Propionitrile
Concen: 4.275 ug/l
RT: 4.776 min Scan# 1084
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14



Tgt Ion: 54 Resp: 4233
Ion Ratio Lower Upper
54 100
52 19.3 15.2 22.8
55 18.4 11.7 17.5#
40 6.3 6.1 9.1





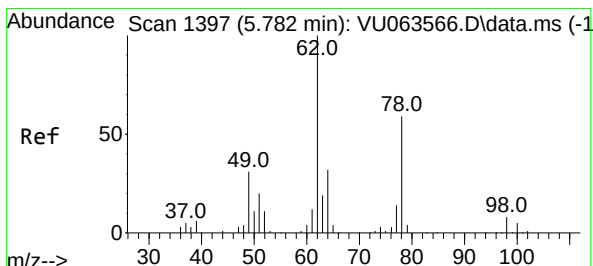
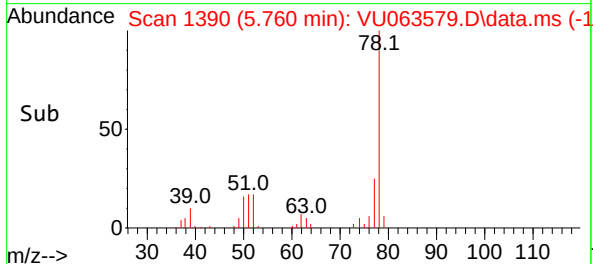
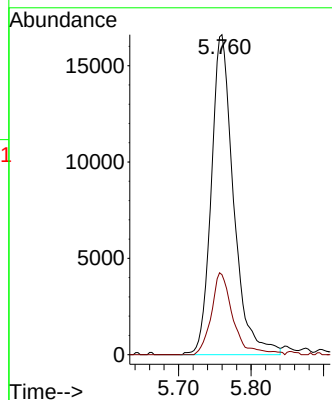
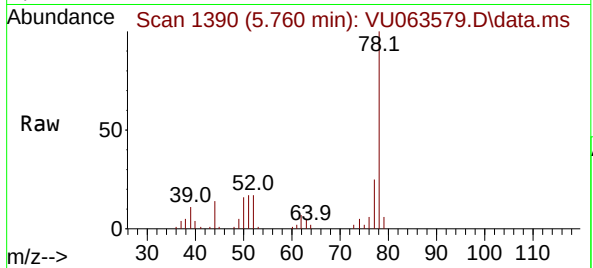
#35
Benzene
Concen: 0.815 ug/l
RT: 5.760 min Scan# 1389
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 78 Resp: 3550
Ion Ratio Lower Upper
78 100
77 25.0 19.8 29.8

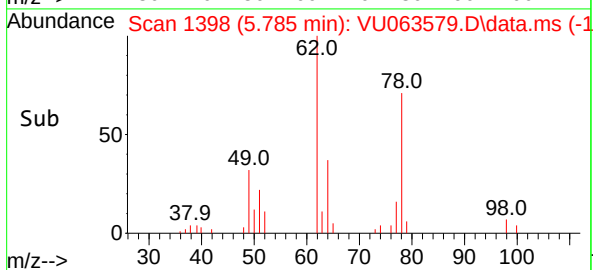
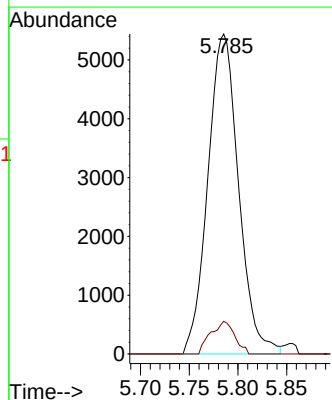
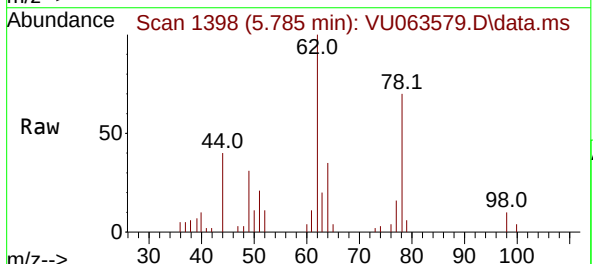
Manual Integrations
APPROVED

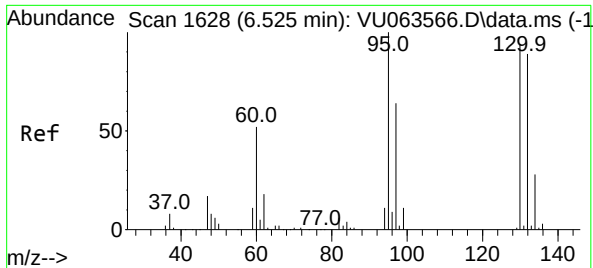
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#36
1,2-Dichloroethane
Concen: 0.814 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Tgt Ion: 62 Resp: 11958
Ion Ratio Lower Upper
62 100
98 7.9 6.3 9.5





#37

Trichloroethene

Concen: 0.775 ug/l

RT: 6.528 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:130 Resp: 839

Ion Ratio Lower Upper

130 100

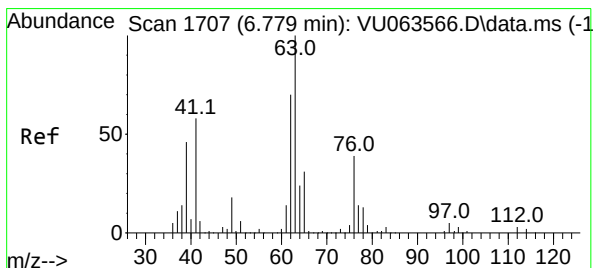
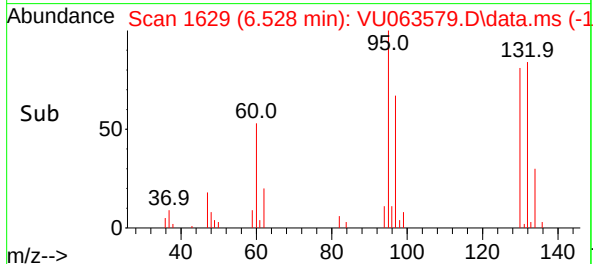
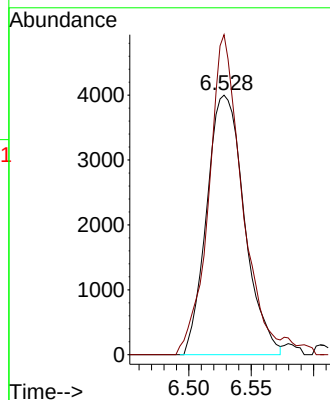
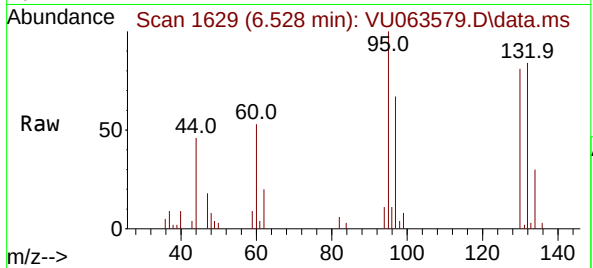
95 120.0 85.4 128.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#38

1,2-Dichloropropane

Concen: 0.802 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.004 min

Lab File: VU063579.D

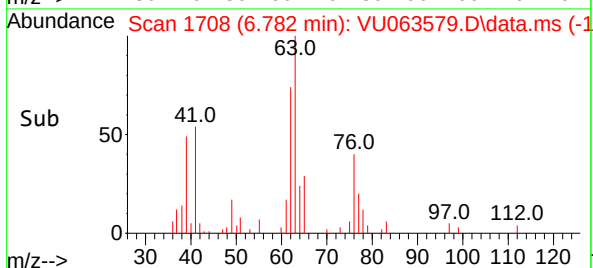
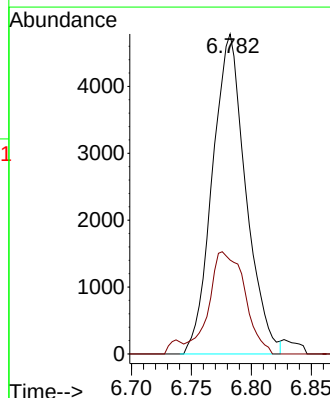
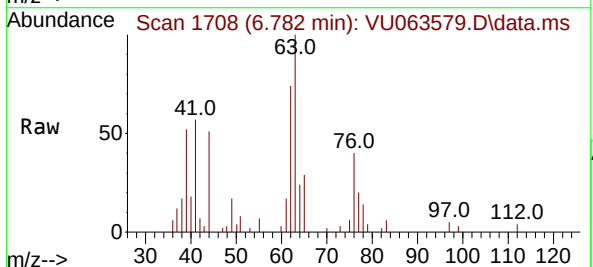
Acq: 15 Sep 2025 15:14

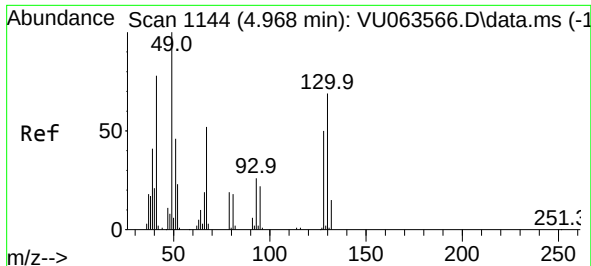
Tgt Ion: 63 Resp: 9251

Ion Ratio Lower Upper

63 100

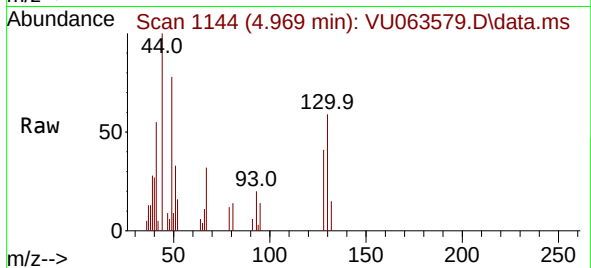
65 29.4 24.9 37.3





#39
Methacrylonitrile
Concen: 0.840 ug/l
RT: 4.969 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

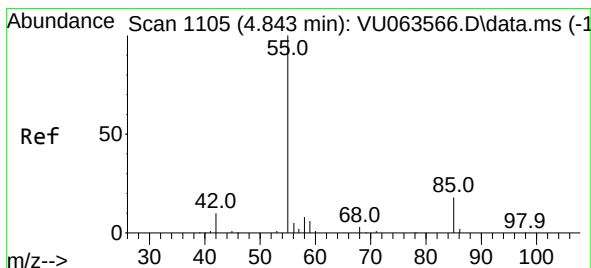
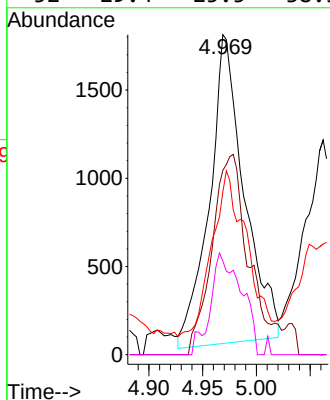
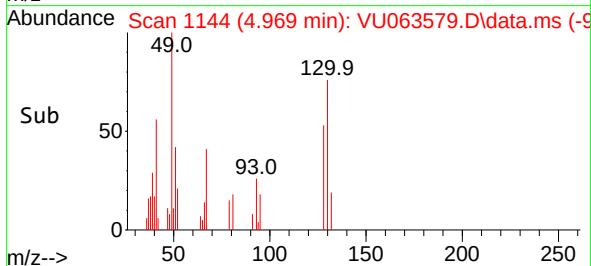
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion	Ratio	Lower	Upper
41	100		
67	69.4	57.7	86.5
39	49.5	44.6	67.0
52	29.4	25.5	38.3

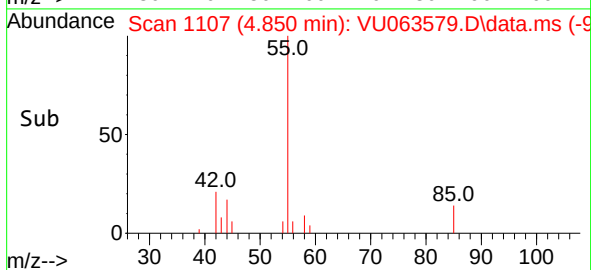
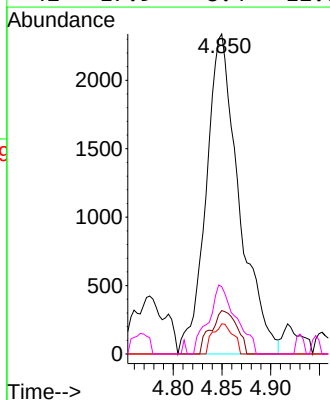
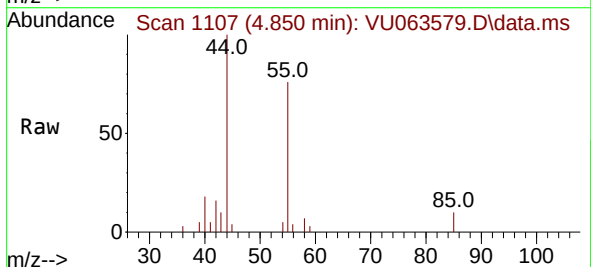
Manual Integrations
APPROVED

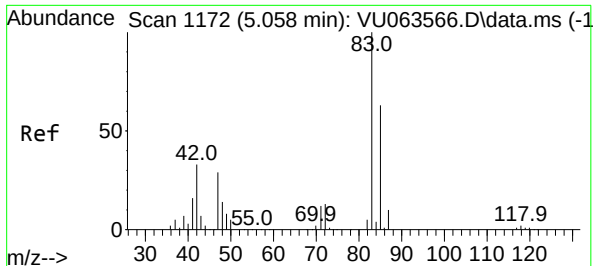
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#40
Methyl acrylate
Concen: 0.857 ug/l
RT: 4.850 min Scan# 1107
Delta R.T. 0.007 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Tgt Ion	Ratio	Lower	Upper
55	100		
85	10.6	12.8	19.2#
58	5.8	6.6	10.0#
42	17.9	8.4	12.6#





#41

Tetrahydrofuran

Concen: 1.823 ug/l

RT: 5.059 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Instrument :

MSVOA_U

ClientSampleId :

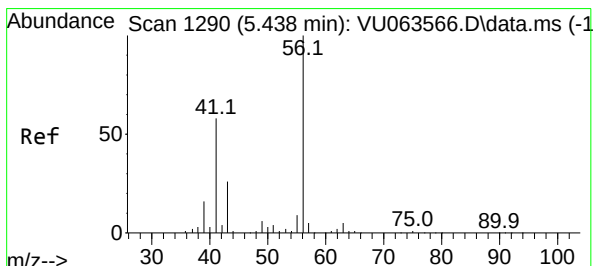
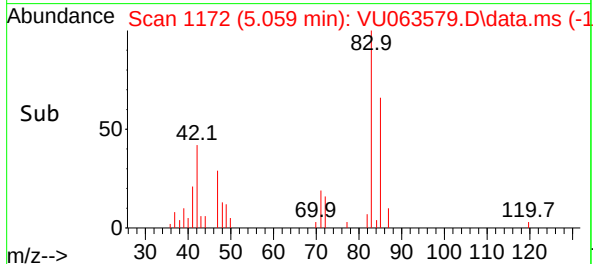
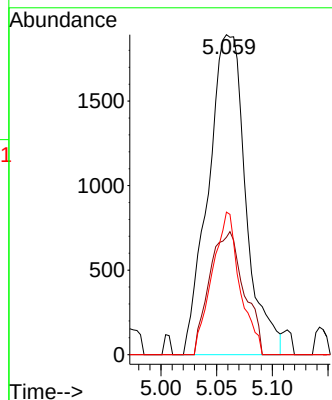
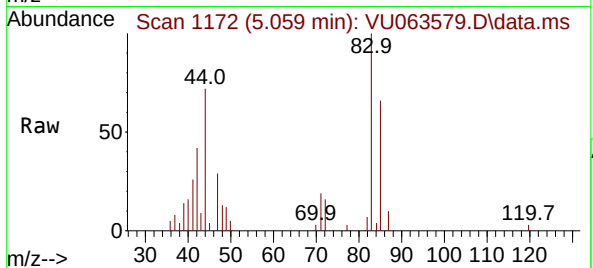
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 42	Resp: 444
Ion Ratio	Lower Upper
42	100
72	35.3 34.1 51.1
71	32.9 29.9 44.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#42

1-Chlorobutane

Concen: 0.797 ug/l

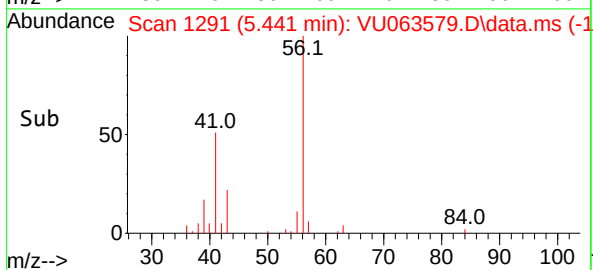
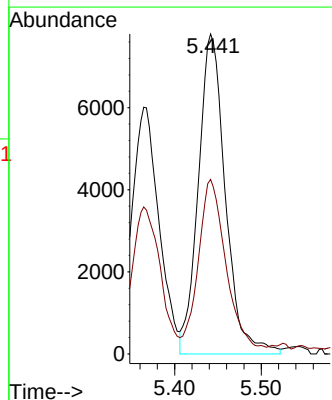
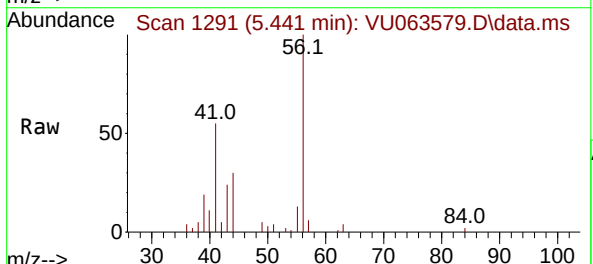
RT: 5.441 min Scan# 1291

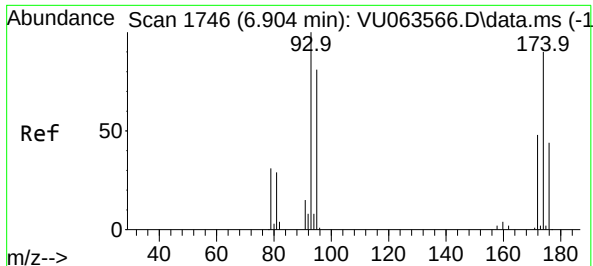
Delta R.T. 0.004 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

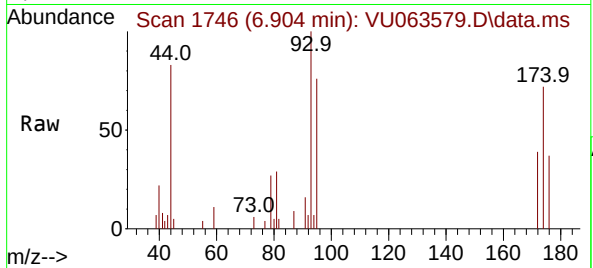
Tgt Ion: 56	Resp: 16912
Ion Ratio	Lower Upper
56	100
41	52.7 28.3 84.9





#43
Dibromomethane
Concen: 0.943 ug/l
RT: 6.904 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

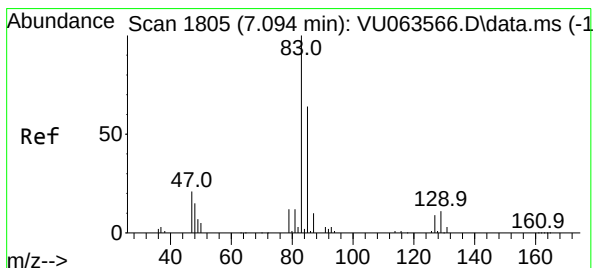
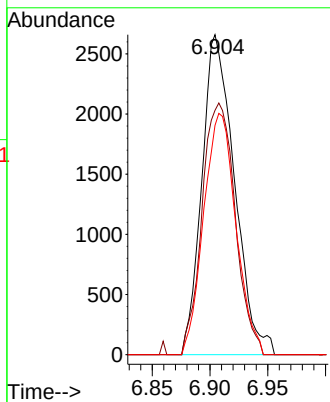
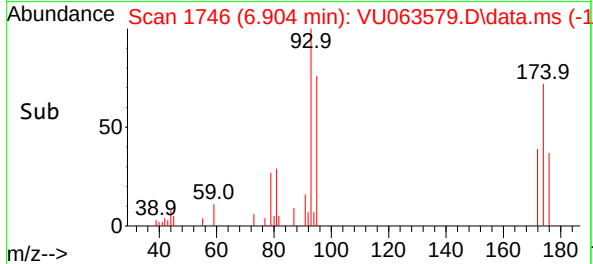
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



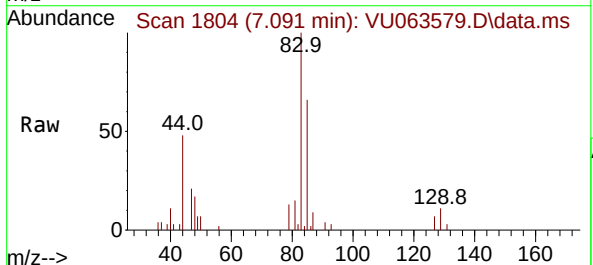
Tgt Ion: 93 Resp: 5210
Ion Ratio Lower Upper
93 100
95 80.0 66.6 100.0
174 74.7 72.7 109.1

Manual Integrations
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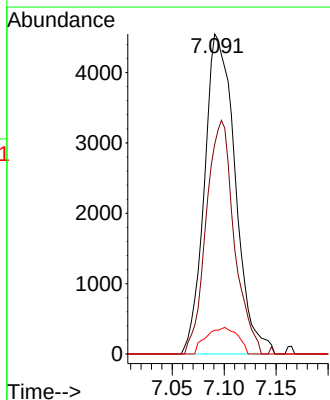
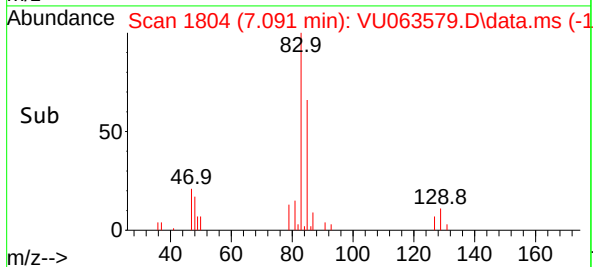
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

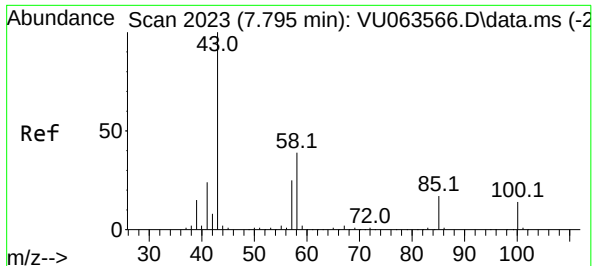


#44
Bromodichloromethane
Concen: 0.790 ug/l
RT: 7.091 min Scan# 1804
Delta R.T. -0.003 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14



Tgt Ion: 83 Resp: 9339
Ion Ratio Lower Upper
83 100
85 65.5 51.2 76.8
127 7.4 6.9 10.3





#45

4-Methyl-2-Pentanone

Concen: 4.702 ug/l

RT: 7.795 min Scan# 2023

Delta R.T. 0.000 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Instrument :

MSVOA_U

ClientSampleId :

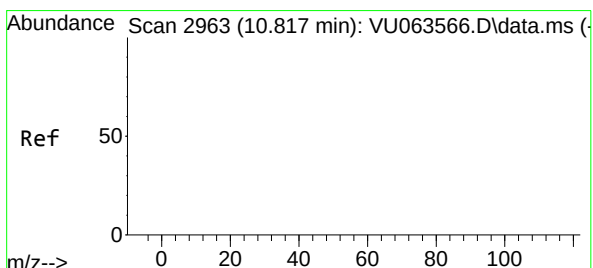
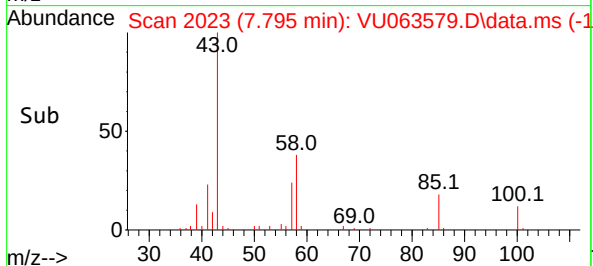
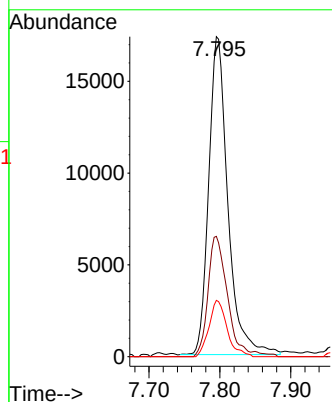
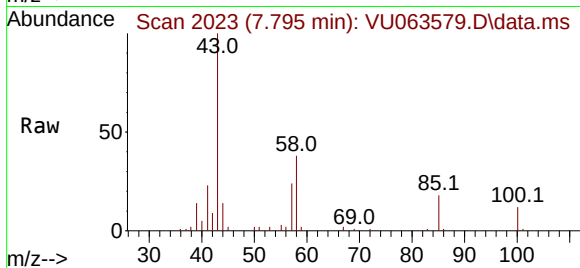
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43	Resp: 32584
Ion Ratio	Lower Upper
43 100	
58 37.5	18.9 56.9
85 16.8	13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#46

t-1,4-Dichloro-2-butene

Concen: 0.792 ug/l m

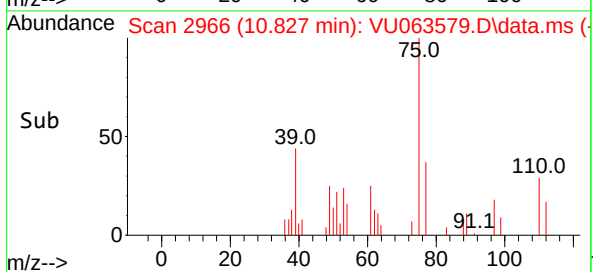
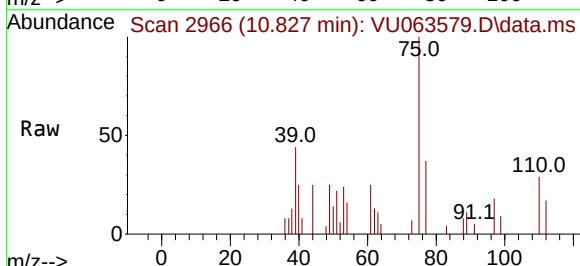
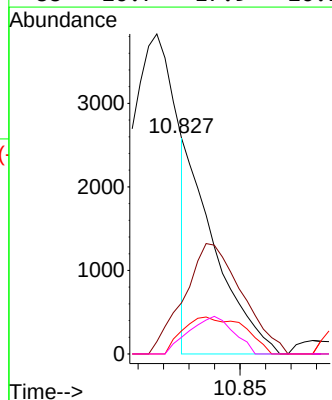
RT: 10.827 min Scan# 2966

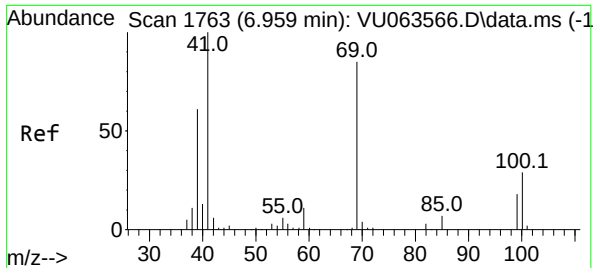
Delta R.T. 0.010 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

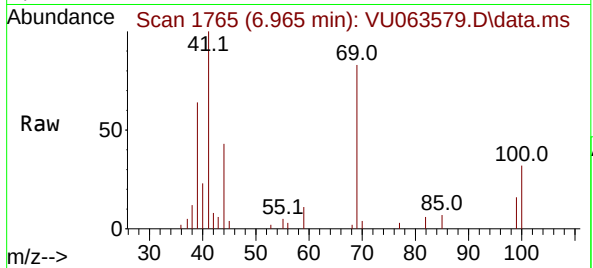
Tgt Ion: 75	Resp: 2054
Ion Ratio	Lower Upper
75 100	
53 101.1	43.2 64.8#
89 36.1	21.9 32.9#
88 26.7	17.9 26.9





#47
Methyl methacrylate
Concen: 1.788 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.007 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

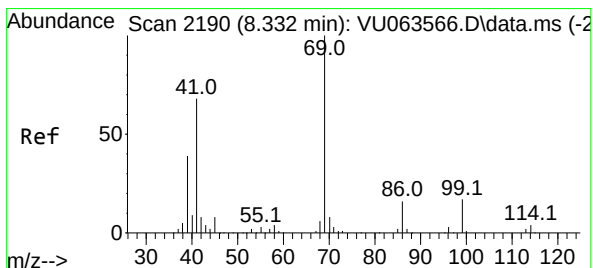
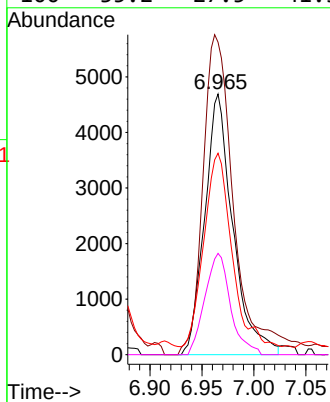
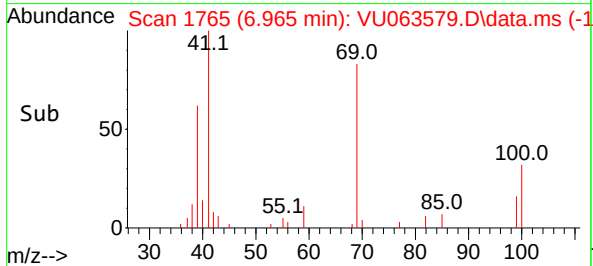
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 69 Resp: 8849
Ion Ratio Lower Upper
69 100
41 135.5 0.0 236.8
39 72.8 57.8 86.6
100 35.2 27.5 41.3

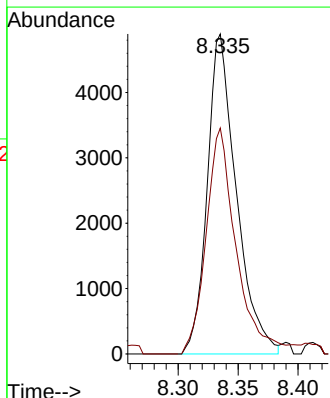
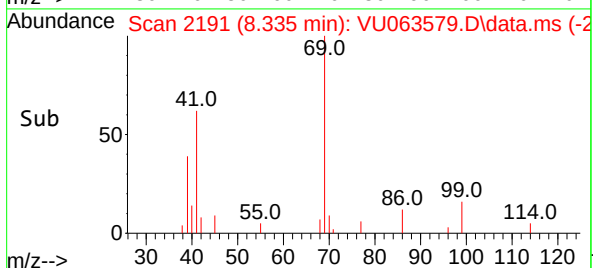
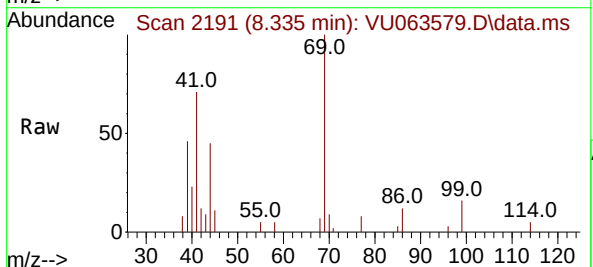
Manual Integrations
APPROVED

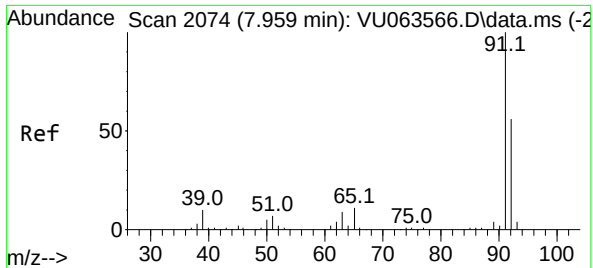
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#48
Ethyl methacrylate
Concen: 0.899 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

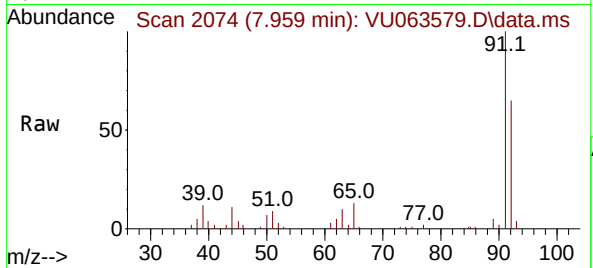
Tgt Ion: 69 Resp: 8257
Ion Ratio Lower Upper
69 100
41 72.5 33.7 101.1





#49
Toluene
Concen: 0.905 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

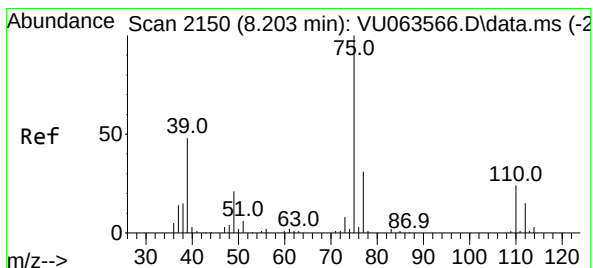
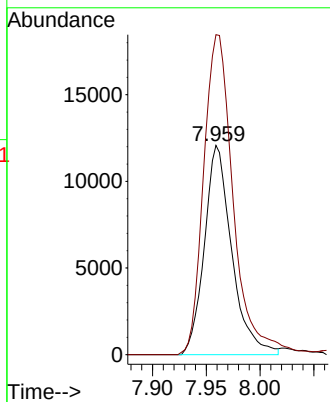
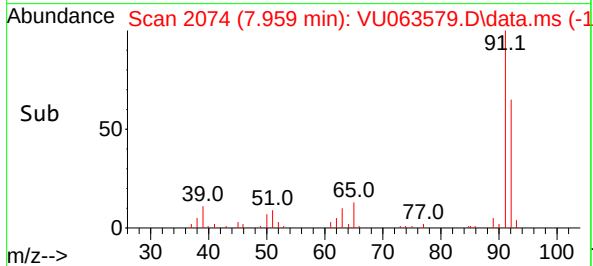
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 92 Resp: 2138
Ion Ratio Lower Upper
92 100
91 166.4 139.4 209.2

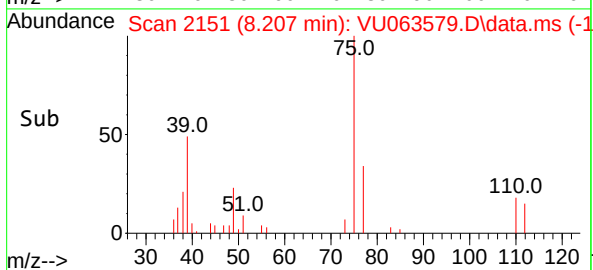
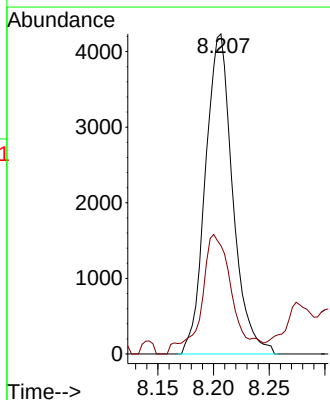
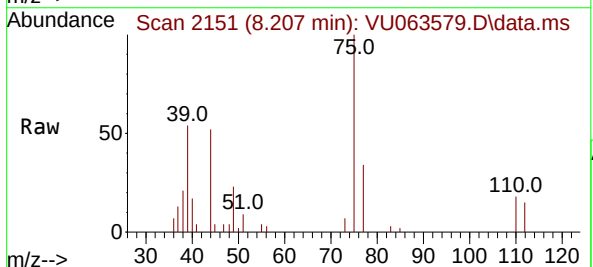
Manual Integrations
APPROVED

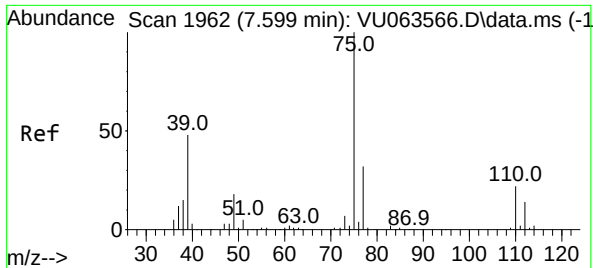
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#50
t-1,3-Dichloropropene
Concen: 0.815 ug/l
RT: 8.207 min Scan# 2151
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Tgt Ion: 75 Resp: 7216
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2





#51

cis-1,3-Dichloropropene

Concen: 0.849 ug/l

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

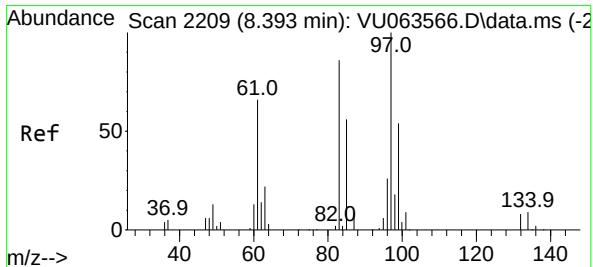
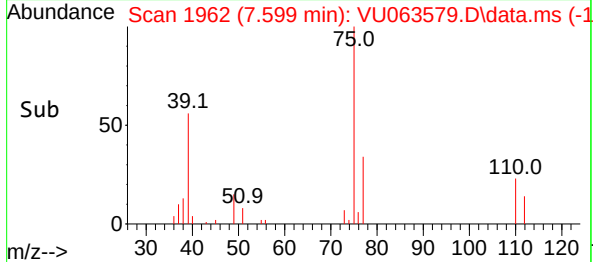
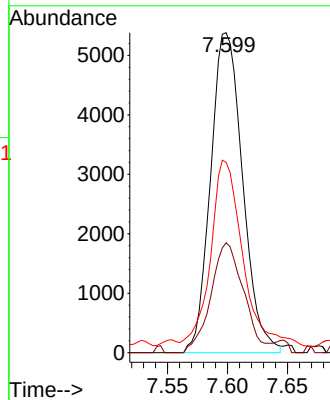
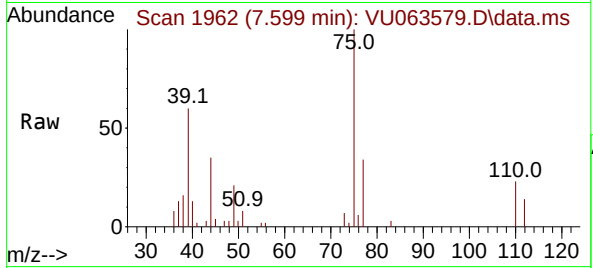
Tgt Ion: 75	Resp: 1000
Ion Ratio	Lower Upper
75	100
77	34.4 25.2 37.8
39	56.3 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#52

1,1,2-Trichloroethane

Concen: 0.819 ug/l

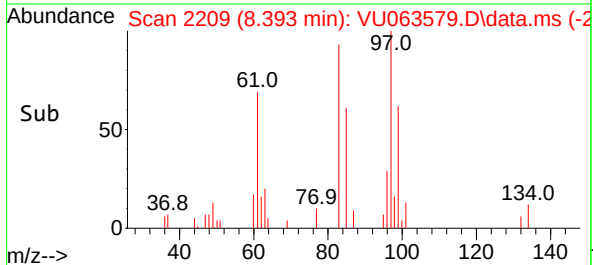
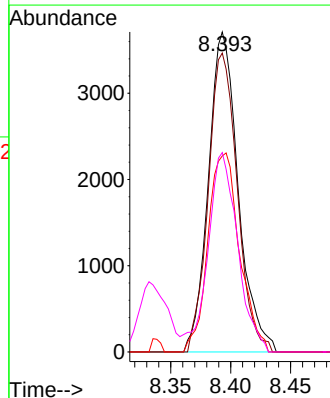
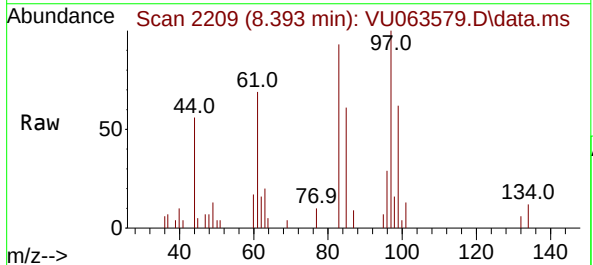
RT: 8.393 min Scan# 2209

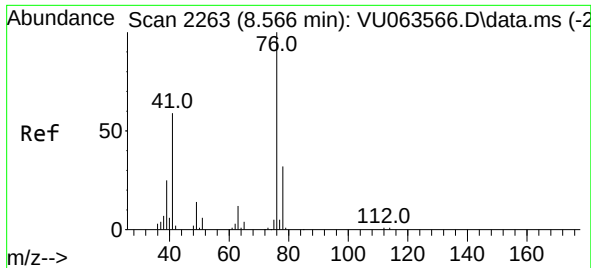
Delta R.T. 0.000 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Tgt Ion: 97	Resp: 6411
Ion Ratio	Lower Upper
97	100
83	93.4 68.5 102.7
85	61.3 45.0 67.6
99	62.3 48.6 72.8





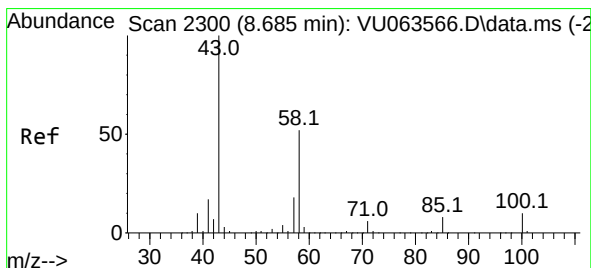
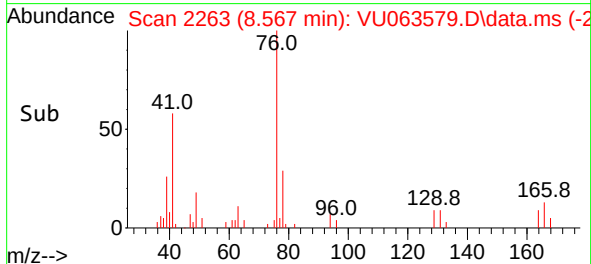
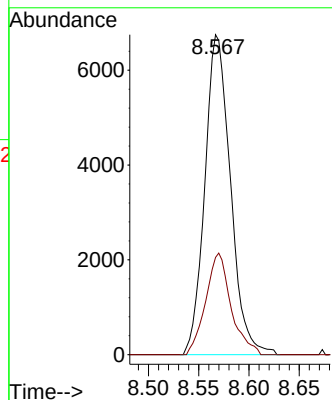
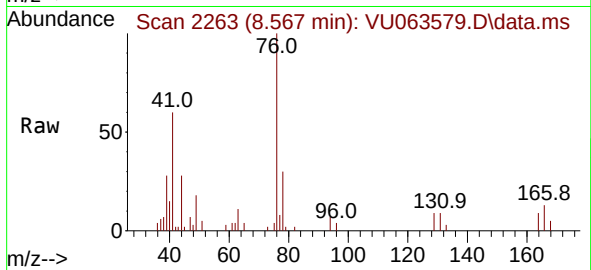
#53
1,3-Dichloropropane
Concen: 0.880 ug/l
RT: 8.567 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 76 Resp: 1196
Ion Ratio Lower Upper
76 100
78 31.3 26.2 39.2

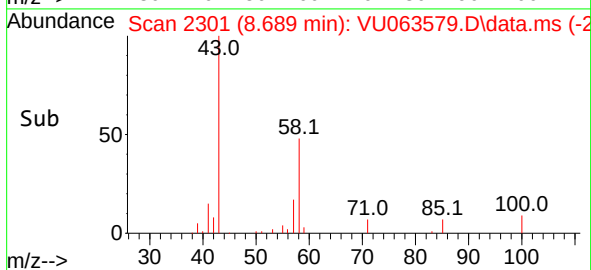
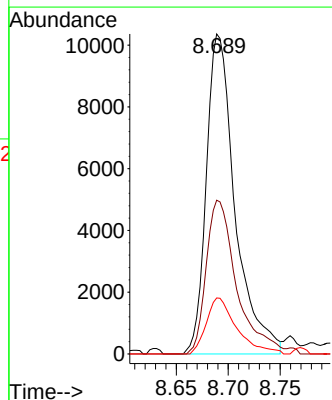
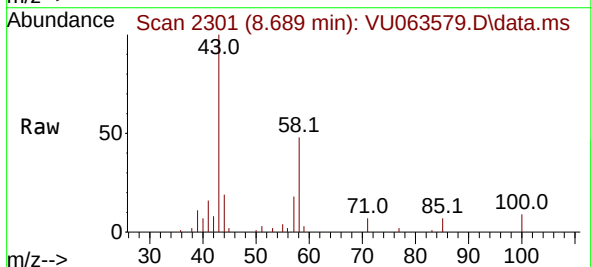
Manual Integrations
APPROVED

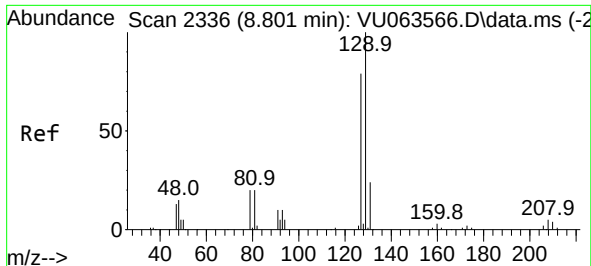
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#54
2-Hexanone
Concen: 3.941 ug/l
RT: 8.689 min Scan# 2301
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

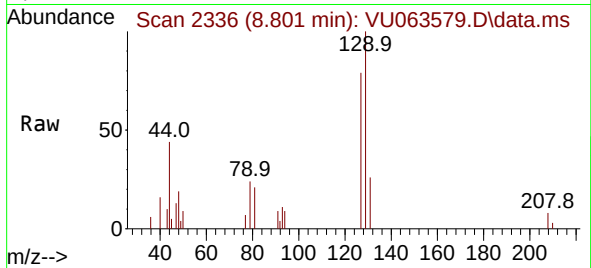
Tgt Ion: 43 Resp: 19958
Ion Ratio Lower Upper
43 100
58 50.9 32.7 72.7
57 18.5 0.0 38.2





#55
Dibromochloromethane
Concen: 0.721 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

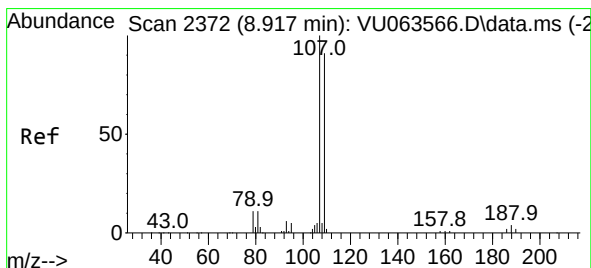
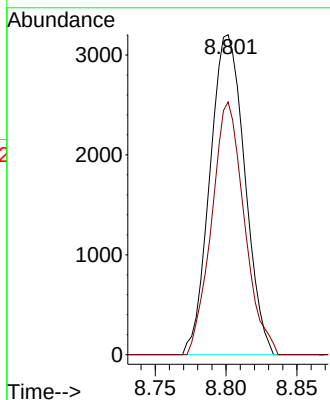
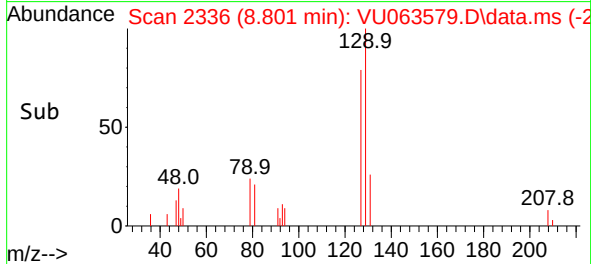
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



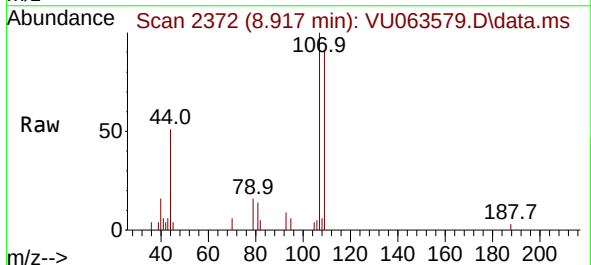
Tgt Ion:129 Resp: 5470
Ion Ratio Lower Upper
129 100
127 74.1 61.9 92.9

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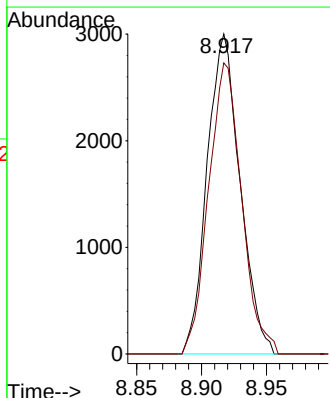
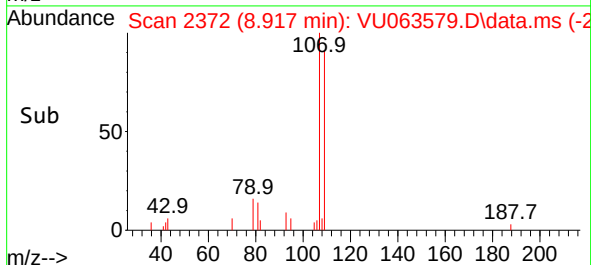
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

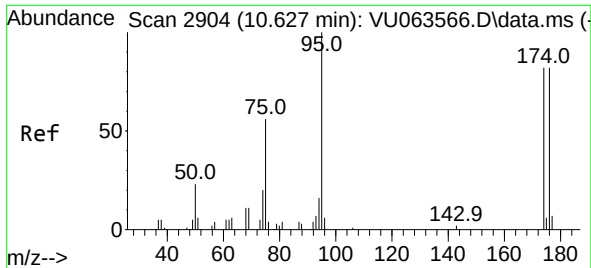


#56
1,2-Dibromoethane
Concen: 0.782 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14



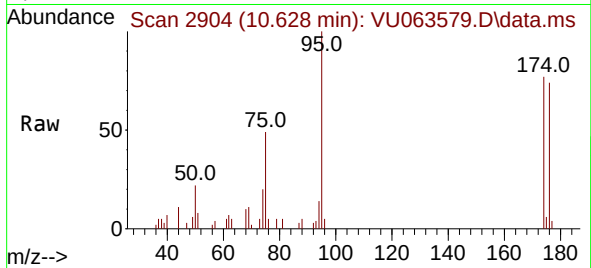
Tgt Ion:107 Resp: 5280
Ion Ratio Lower Upper
107 100
109 91.2 0.0 183.6





#57
4-Bromofluorobenzene
Concen: 0.876 ug/l
RT: 10.628 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

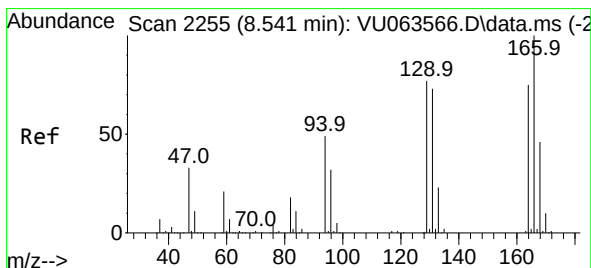
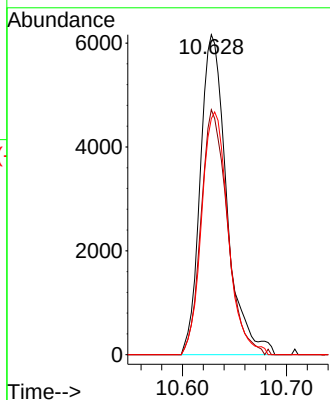
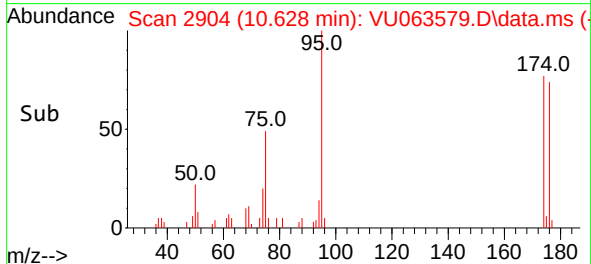
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



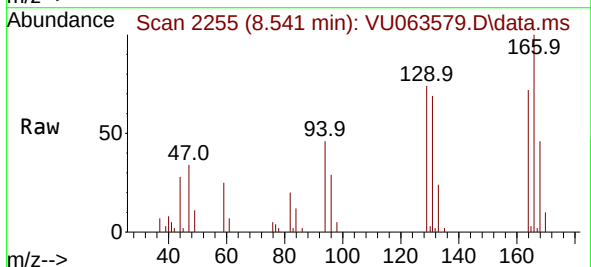
Tgt Ion: 95 Resp: 10860
Ion Ratio Lower Upper
95 100
174 76.5 64.7 97.1
176 76.2 66.2 99.4

Manual Integrations
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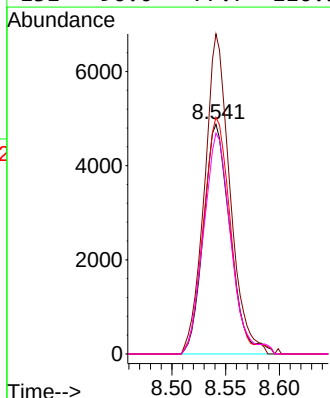
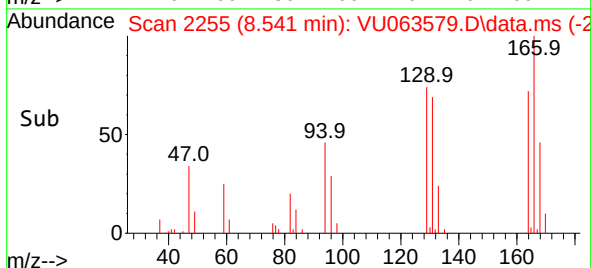
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

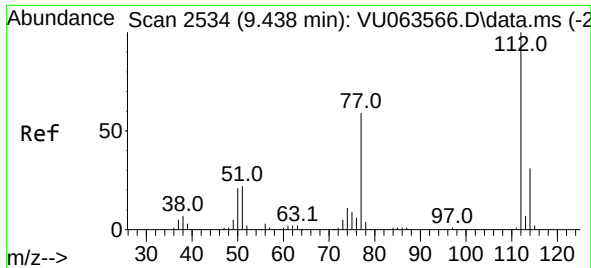


#58
Tetrachloroethene
Concen: 0.790 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14



Tgt Ion:164 Resp: 8440
Ion Ratio Lower Upper
164 100
166 139.3 106.4 159.6
129 103.1 81.4 122.2
131 96.0 77.7 116.5





#59

Chlorobenzene

Concen: 0.786 ug/l

RT: 9.441 min Scan# 2140

Delta R.T. 0.004 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:112 Resp: 2140

Ion Ratio Lower Upper

112 100

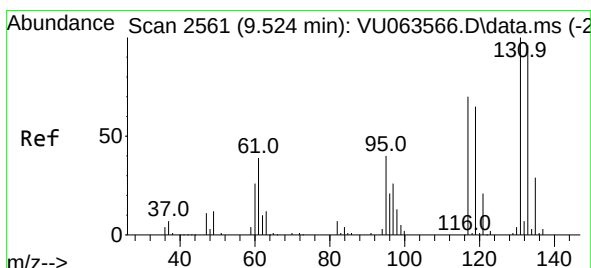
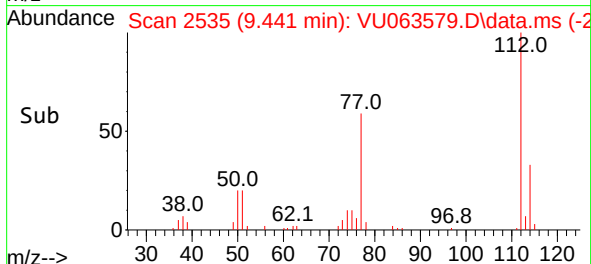
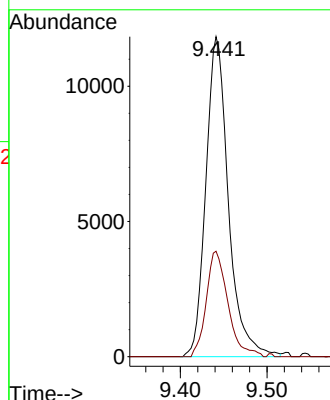
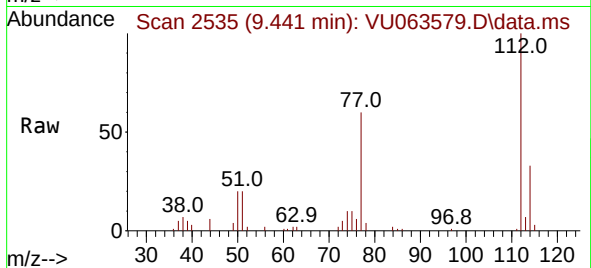
114 32.9 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#60

1,1,1,2-Tetrachloroethane

Concen: 0.682 ug/l

RT: 9.525 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

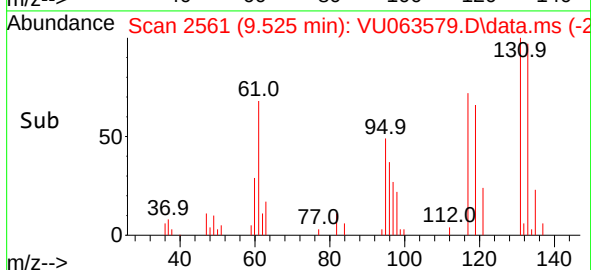
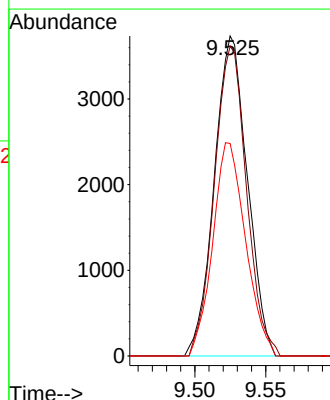
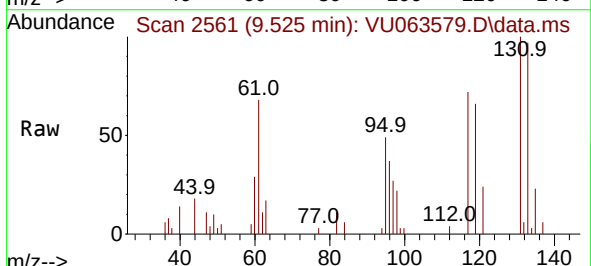
Tgt Ion:131 Resp: 6069

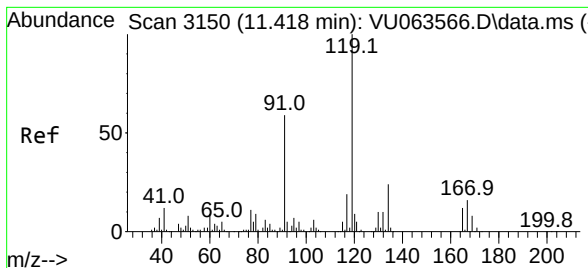
Ion Ratio Lower Upper

131 100

133 94.0 75.8 113.8

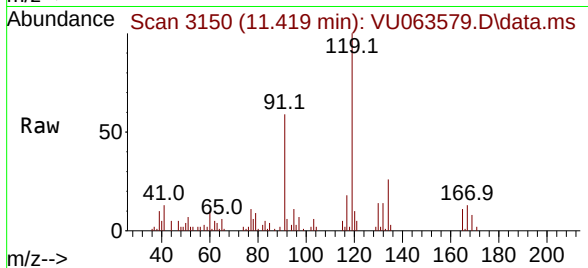
119 66.0 51.8 77.6





#61
Pentachloroethane
Concen: 0.736 ug/l
RT: 11.419 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

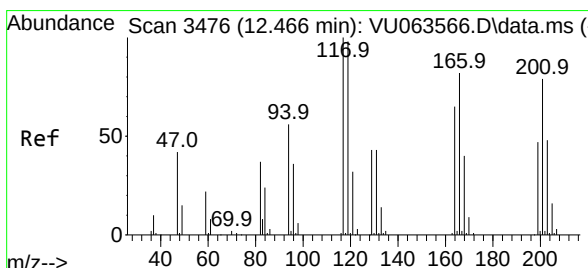
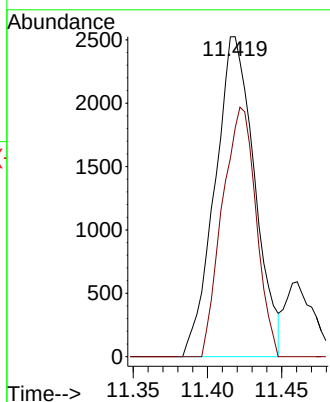
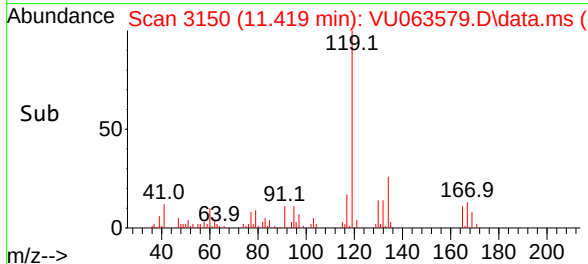
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



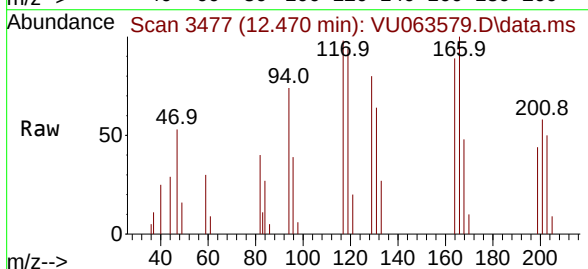
Tgt Ion:117 Resp: 4694
Ion Ratio Lower Upper
117 100
167 66.2 62.6 93.8

Manual Integrations
APPROVED

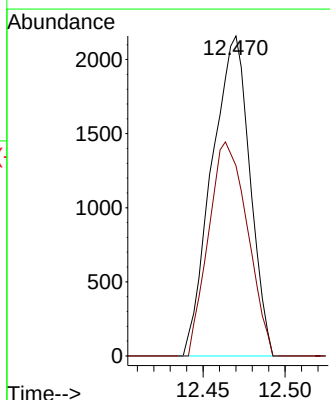
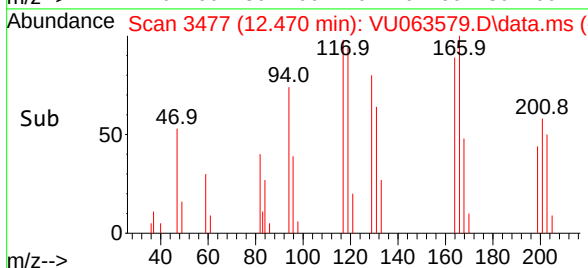
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

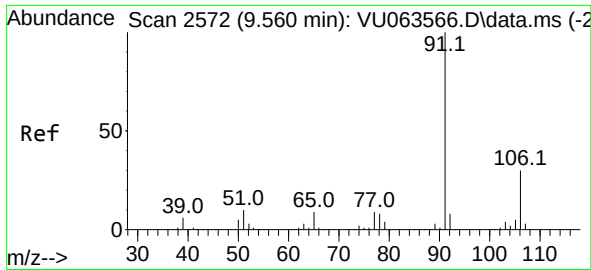


#62
Hexachloroethane
Concen: 0.627 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14



Tgt Ion:117 Resp: 3480
Ion Ratio Lower Upper
117 100
201 68.3 61.0 91.6





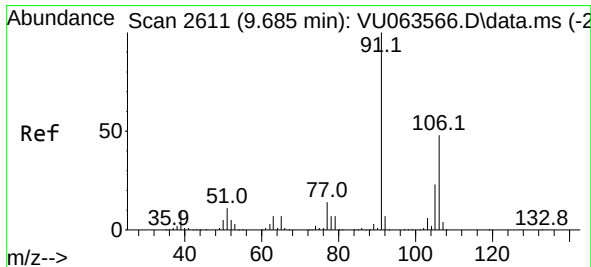
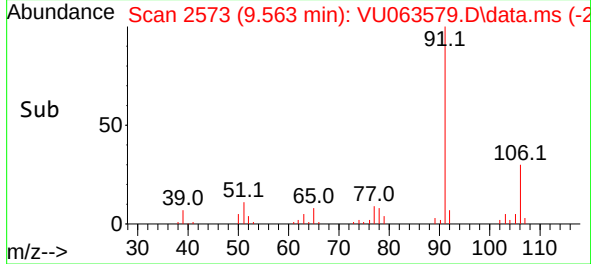
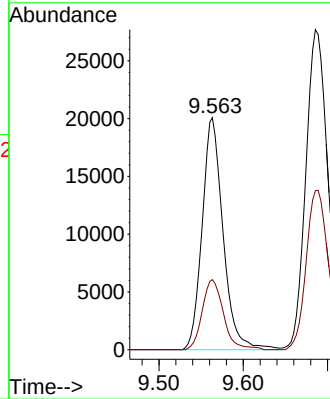
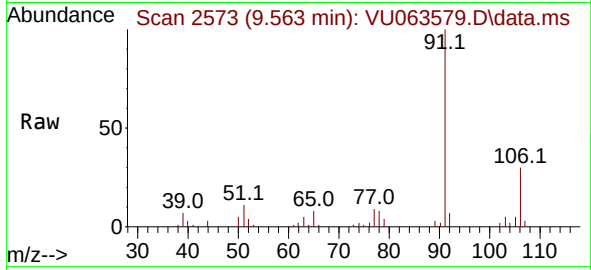
#63
Ethyl Benzene
Concen: 0.747 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 91 Resp: 3473
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.8

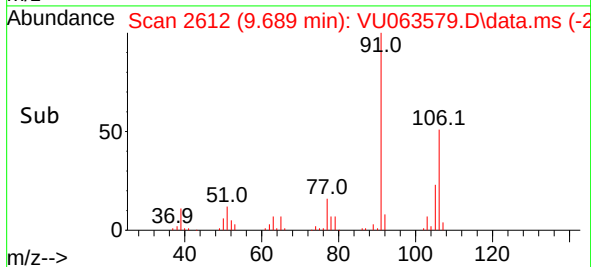
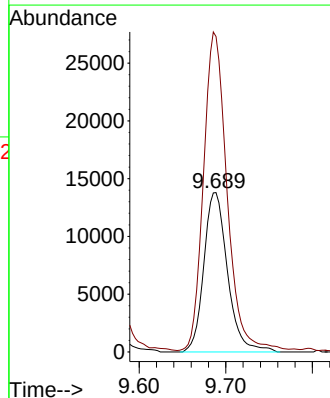
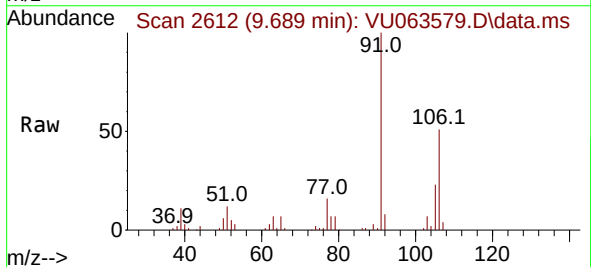
Manual Integrations
APPROVED

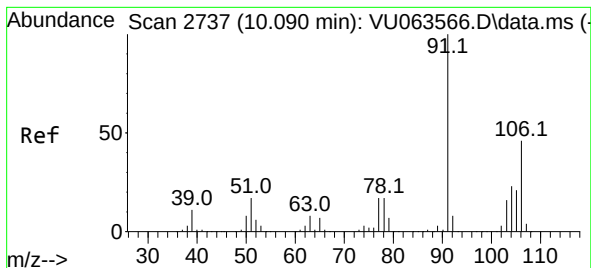
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#64
m/p-Xylenes
Concen: 1.469 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Tgt Ion:106 Resp: 26257
Ion Ratio Lower Upper
106 100
91 198.0 167.0 250.4





#65

o-Xylene

Concen: 0.713 ug/l

RT: 10.094 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:106 Resp: 12764

Ion Ratio Lower Upper

106 100

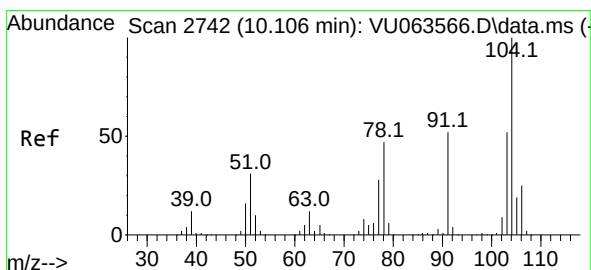
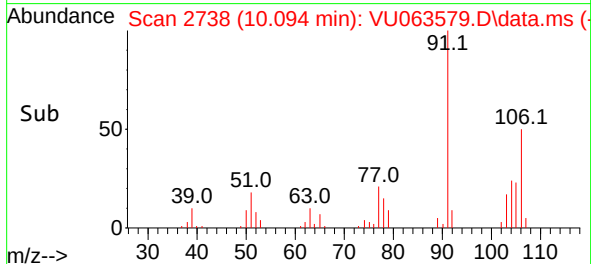
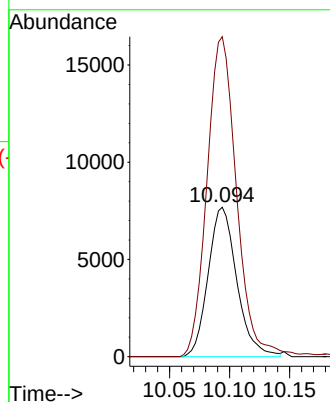
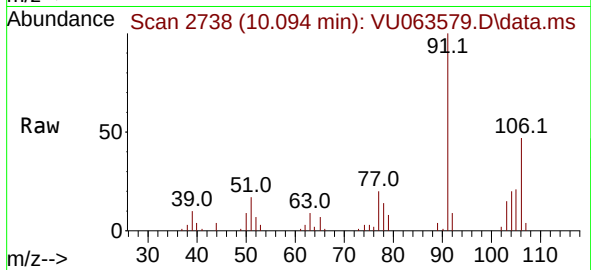
91 220.4 108.7 326.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#66

Styrene

Concen: 0.713 ug/l

RT: 10.110 min Scan# 2743

Delta R.T. 0.004 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

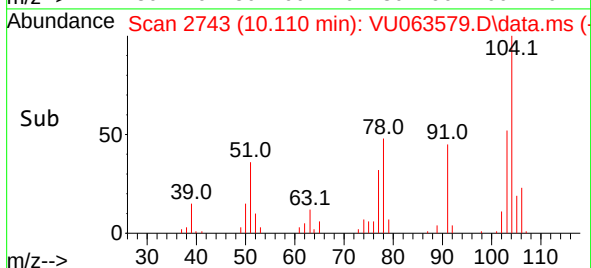
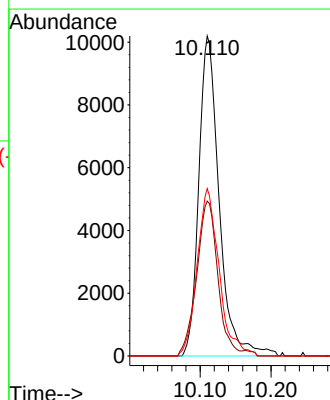
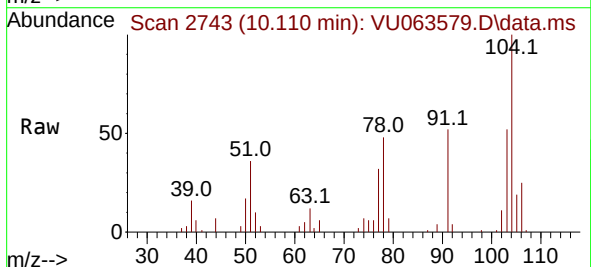
Tgt Ion:104 Resp: 20363

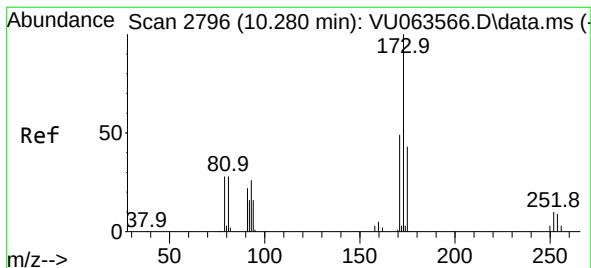
Ion Ratio Lower Upper

104 100

78 50.1 41.2 61.8

103 56.4 44.2 66.2





#67

Bromoform

Concen: 0.630 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Instrument :

MSVOA_U

ClientSampleId :

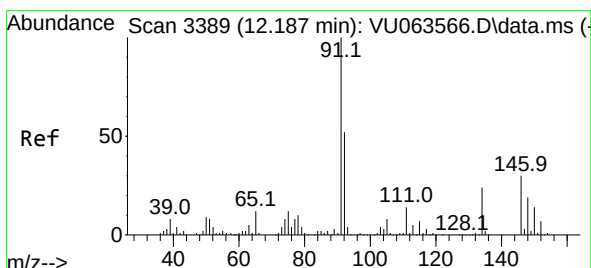
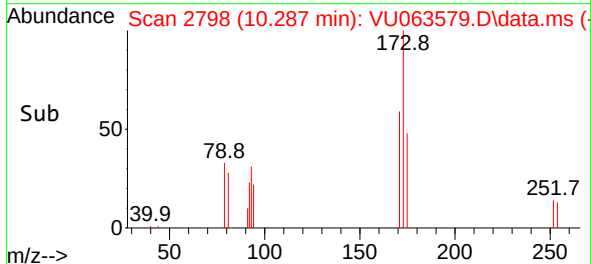
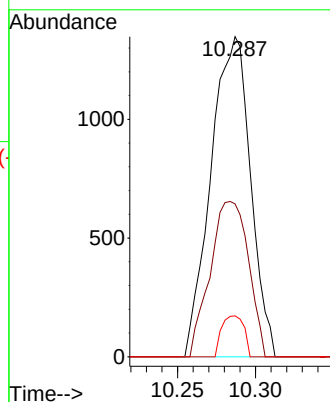
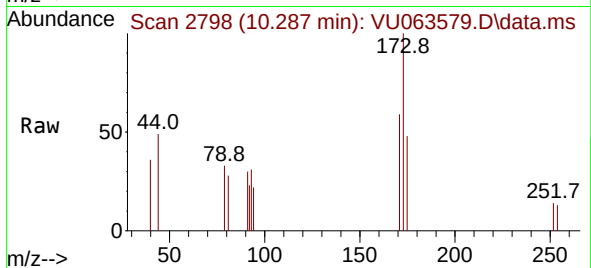
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:173	Resp:	238
Ion Ratio	Lower	Upper
173	100	
175	46.9	37.0 55.6
254	7.2	7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.949 ug/l

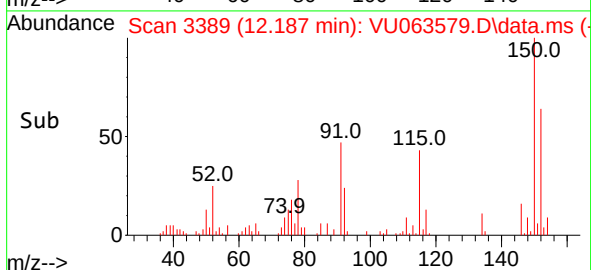
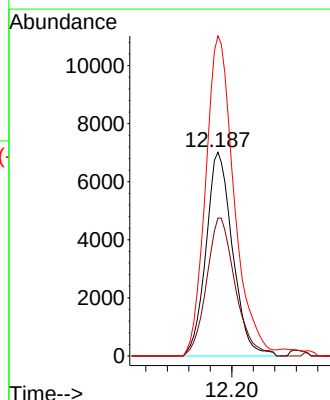
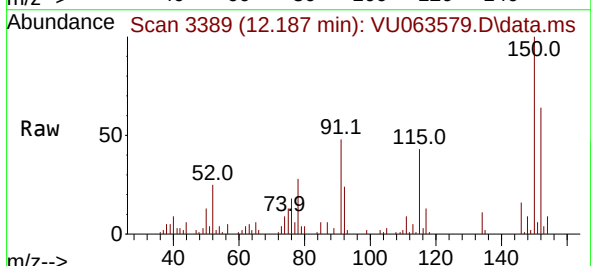
RT: 12.187 min Scan# 3389

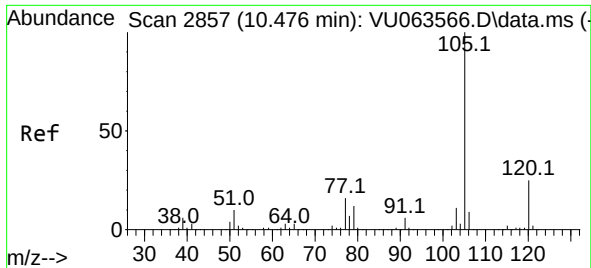
Delta R.T. 0.000 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Tgt Ion:152	Resp:	12000
Ion Ratio	Lower	Upper
152	100	
115	73.1	0.0 260.6
150	169.0	0.0 661.8





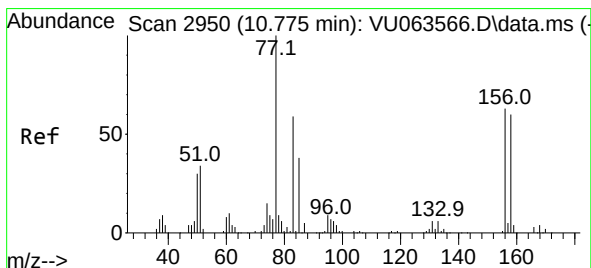
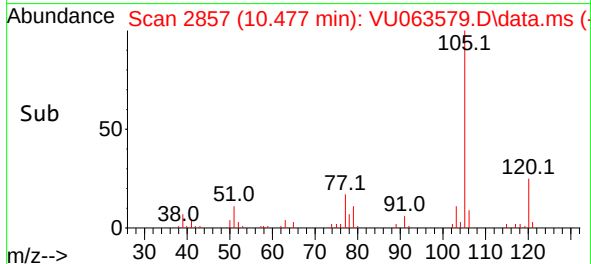
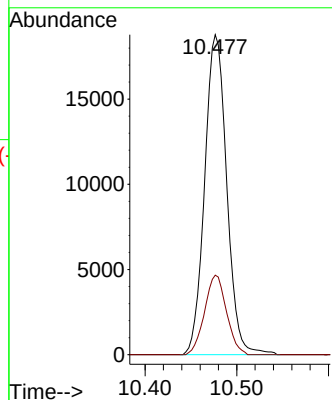
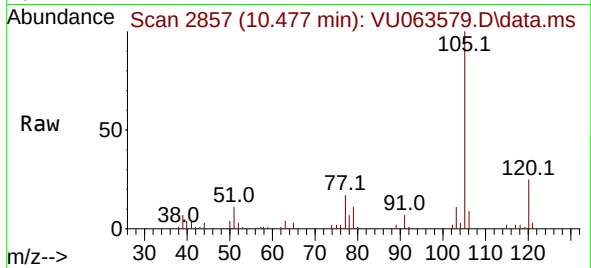
#69
Isopropylbenzene
Concen: 0.724 ug/l
RT: 10.477 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:105 Resp: 3144
Ion Ratio Lower Upper
105 100
120 24.6 12.7 38.0

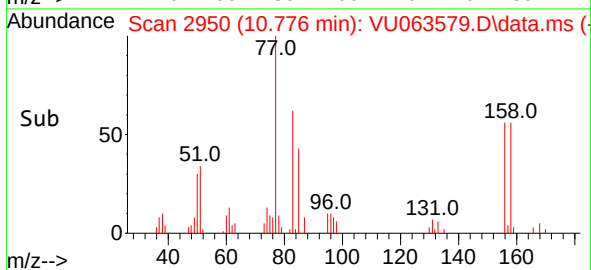
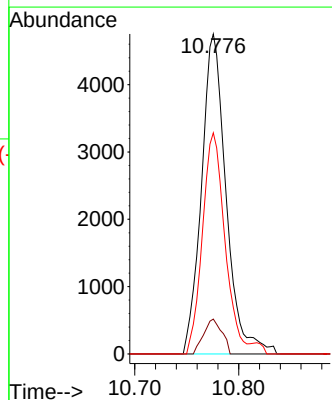
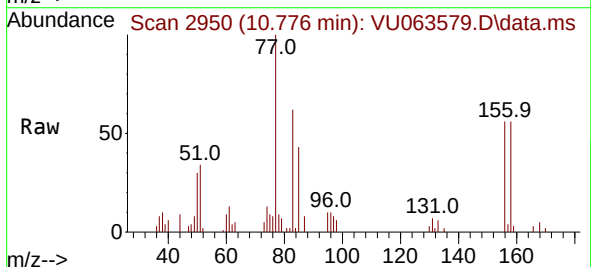
Manual Integrations
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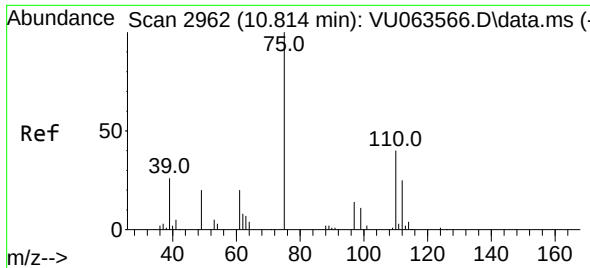
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 0.782 ug/l
RT: 10.776 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

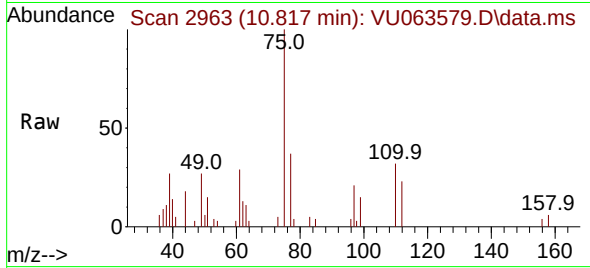
Tgt Ion: 83 Resp: 7802
Ion Ratio Lower Upper
83 100
131 8.1 7.7 11.5
85 63.2 52.2 78.4





#71
1,2,3-Trichloropropane
Concen: 0.786 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

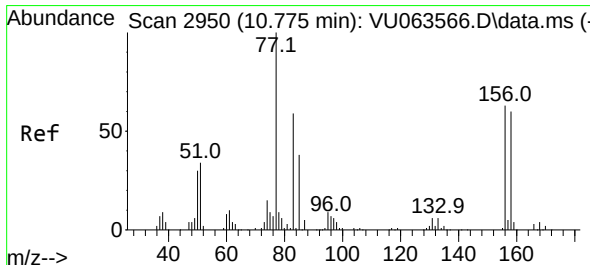
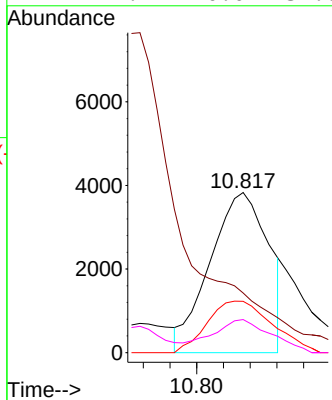
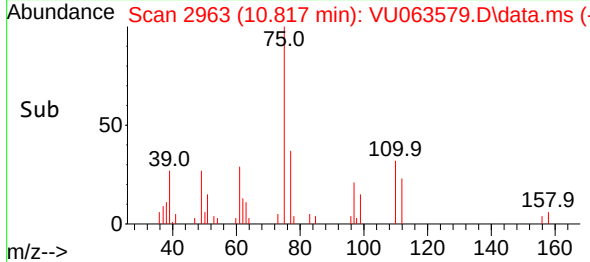
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



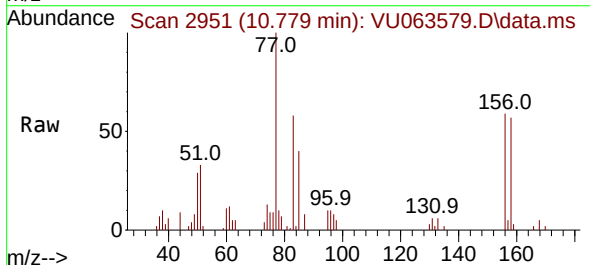
Tgt Ion: 75 Resp: 5810
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 35.9 0.0 77.6
97 21.1 0.0 39.6

Manual Integrations
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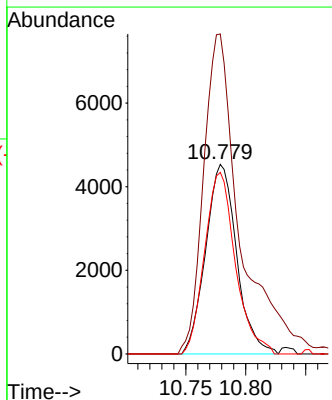
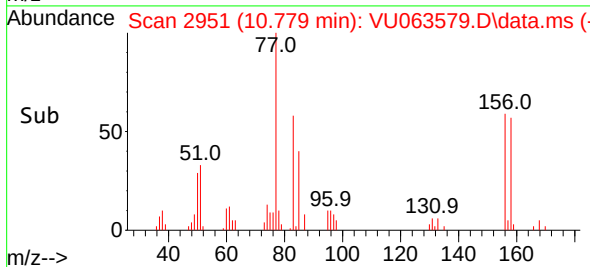
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

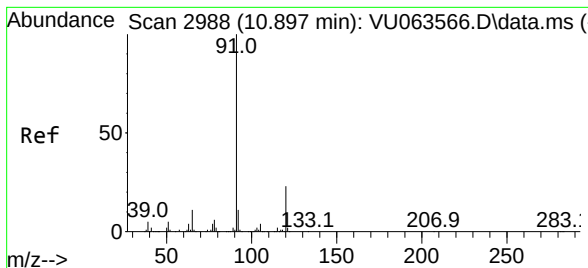


#72
Bromobenzene
Concen: 0.723 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14



Tgt Ion:156 Resp: 8144
Ion Ratio Lower Upper
156 100
77 199.0 0.0 323.0
158 95.3 0.0 195.4





#73

n-propylbenzene

Concen: 0.731 ug/l

RT: 10.898 min Scan# 2988

Delta R.T. 0.000 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:120 Resp: 9174

Ion Ratio Lower Upper

120 100

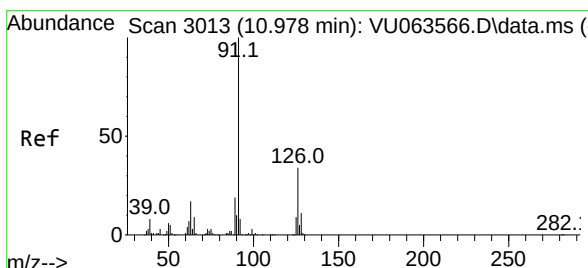
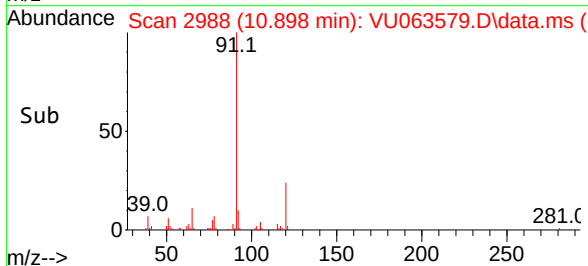
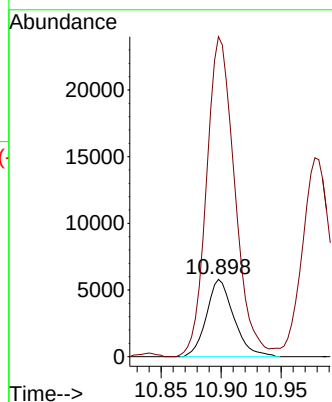
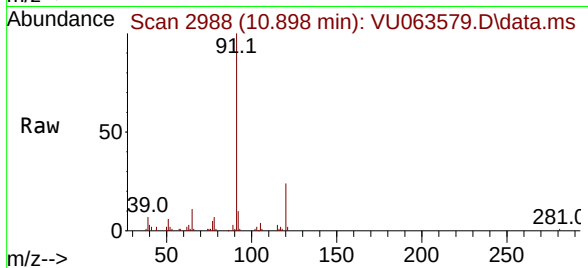
91 428.8 349.1 523.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#74

2-Chlorotoluene

Concen: 0.716 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. 0.000 min

Lab File: VU063579.D

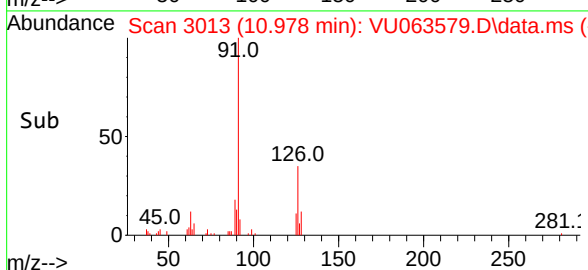
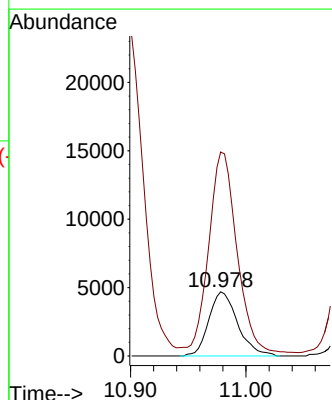
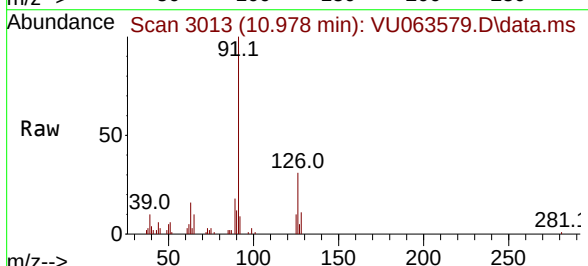
Acq: 15 Sep 2025 15:14

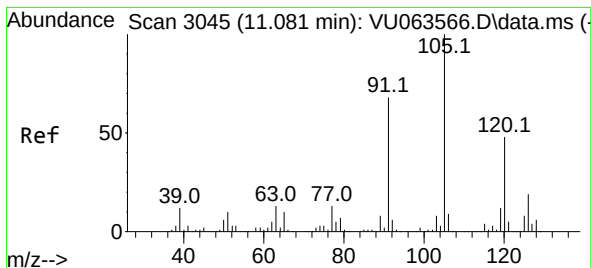
Tgt Ion:126 Resp: 8122

Ion Ratio Lower Upper

126 100

91 310.3 0.0 609.4





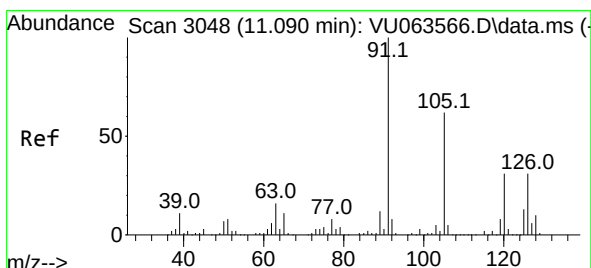
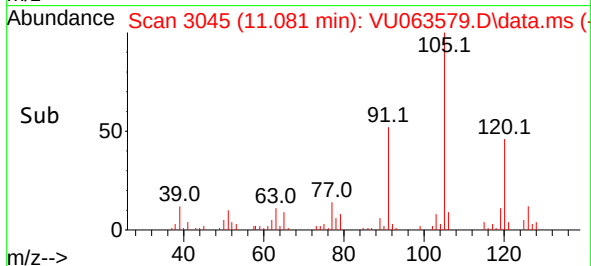
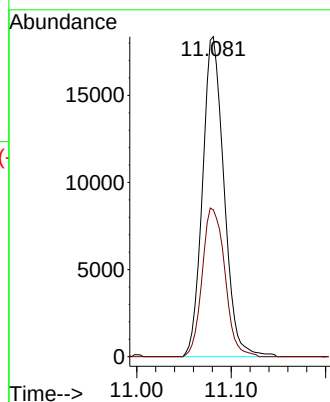
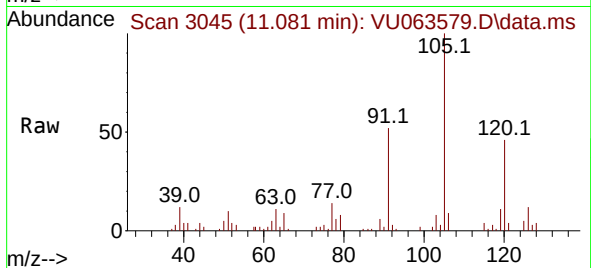
#75
1,3,5-Trimethylbenzene
Concen: 0.714 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:105 Resp: 29018
Ion Ratio Lower Upper
105 100
120 49.0 38.0 57.0

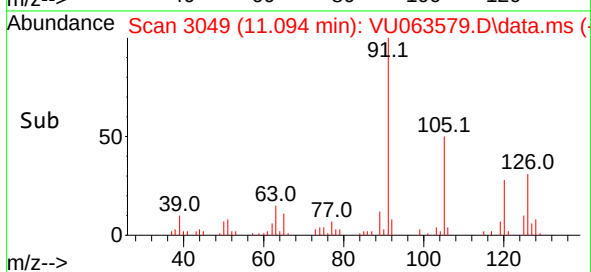
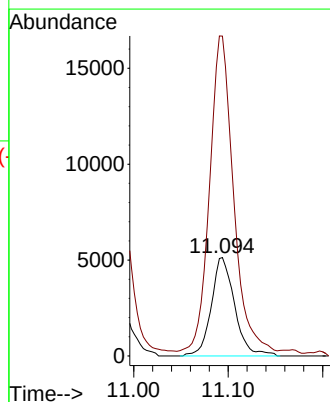
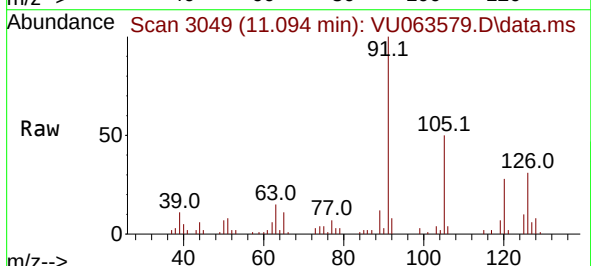
Manual Integrations
APPROVED

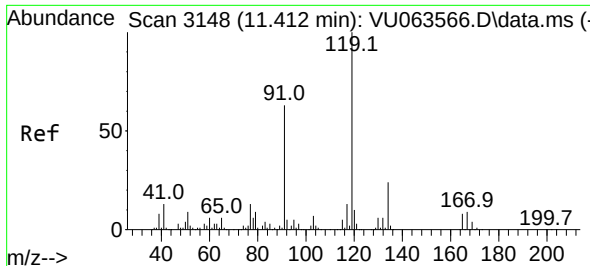
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#76
4-Chlorotoluene
Concen: 0.740 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

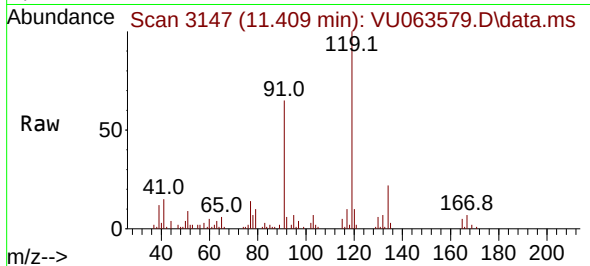
Tgt Ion:126 Resp: 8796
Ion Ratio Lower Upper
126 100
91 327.7 0.0 679.4





#77
tert-Butylbenzene
Concen: 0.735 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.003 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

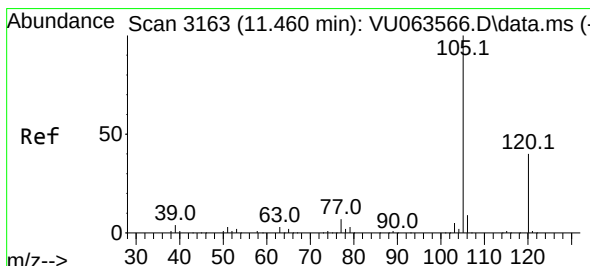
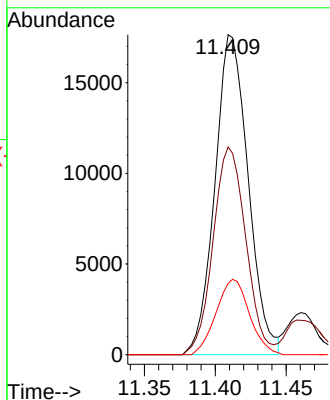
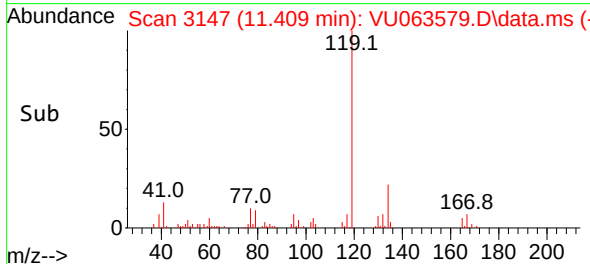
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



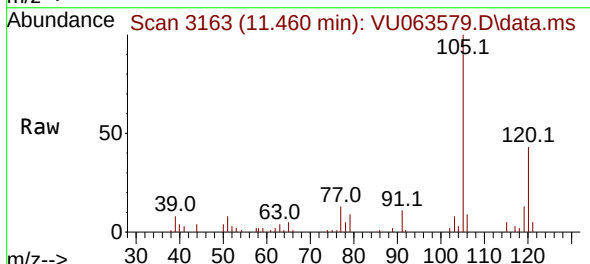
Tgt Ion:119 Resp: 28874
Ion Ratio Lower Upper
119 100
91 63.7 31.0 93.0
134 23.6 19.0 28.6

Manual Integrations
APPROVED

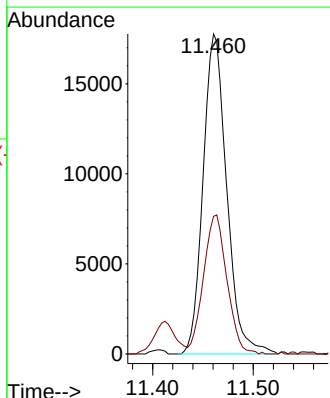
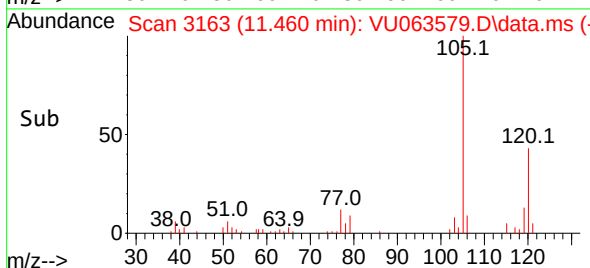
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

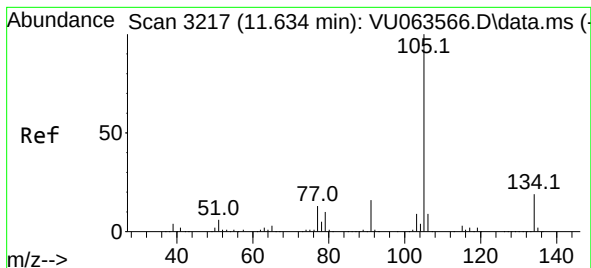


#78
1,2,4-Trimethylbenzene
Concen: 0.734 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14



Tgt Ion:105 Resp: 29007
Ion Ratio Lower Upper
105 100
120 43.1 22.4 67.3





#79

sec-Butylbenzene

Concen: 0.724 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. 0.000 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:105 Resp: 38510

Ion Ratio Lower Upper

105 100

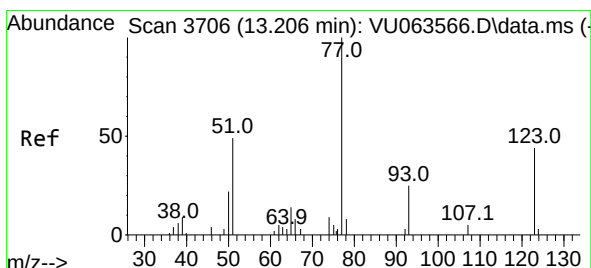
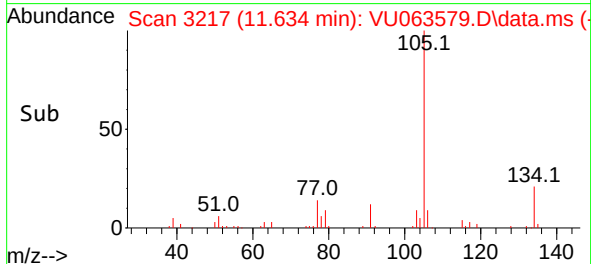
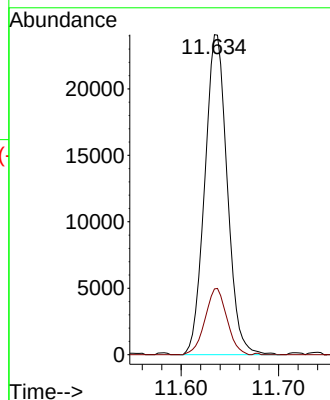
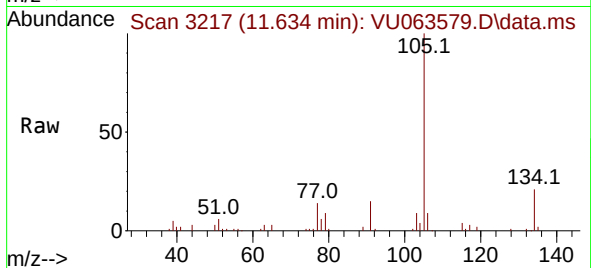
134 20.1 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#80

Nitrobenzene

Concen: 4.368 ug/l

RT: 13.222 min Scan# 3711

Delta R.T. 0.016 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

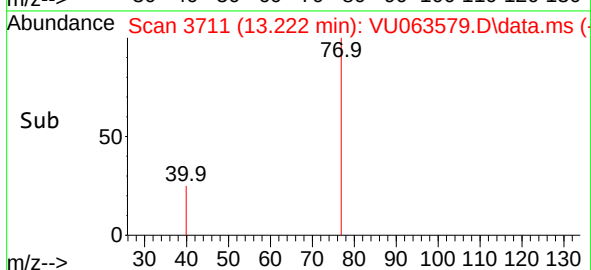
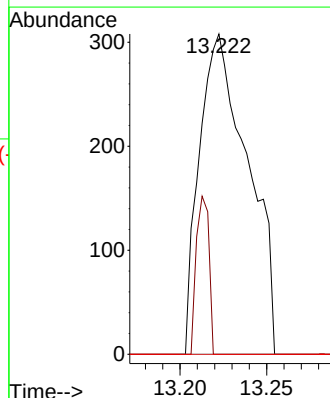
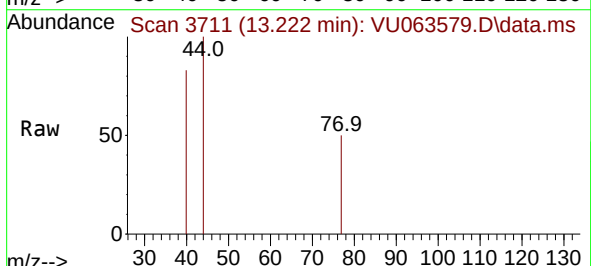
Tgt Ion: 77 Resp: 598

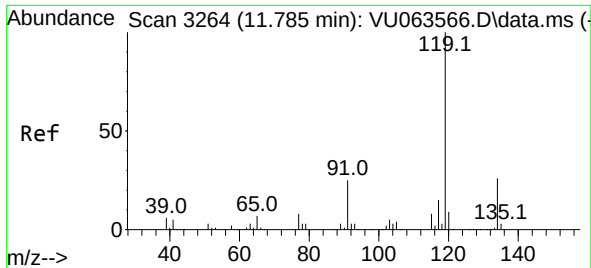
Ion Ratio Lower Upper

77 100

123 13.0 18.0 63.6#

65 0.0 12.8 16.4#





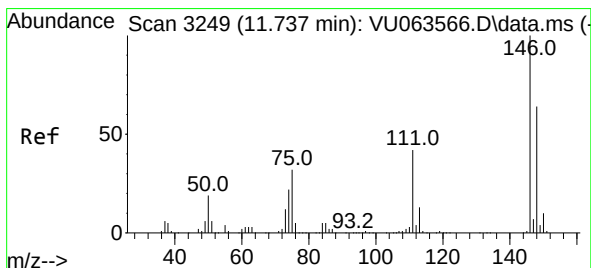
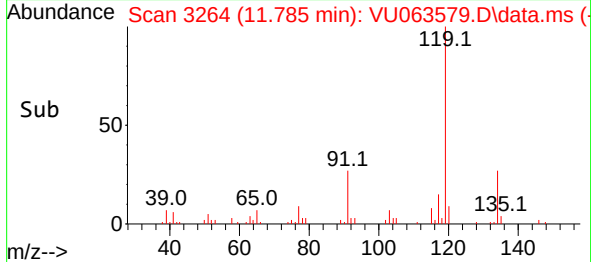
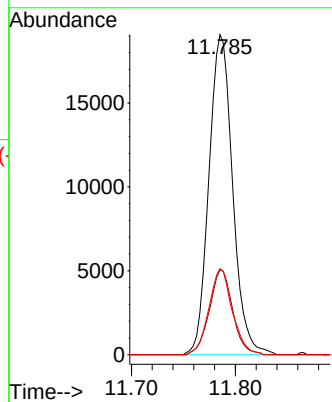
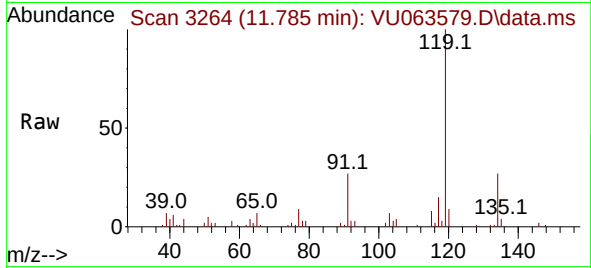
#81
p-Isopropyltoluene
Concen: 0.706 ug/l
RT: 11.785 min Scan# 3157
Delta R.T. 0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion:119 Resp: 30200
Ion Ratio Lower Upper
119 100
134 26.0 20.6 30.8
91 26.5 19.8 29.6

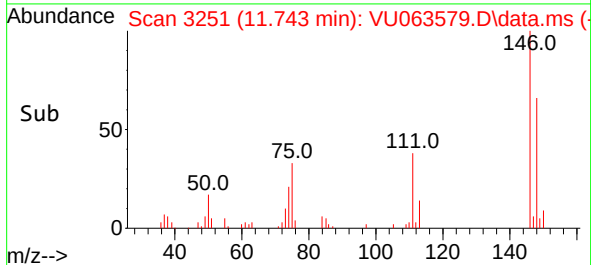
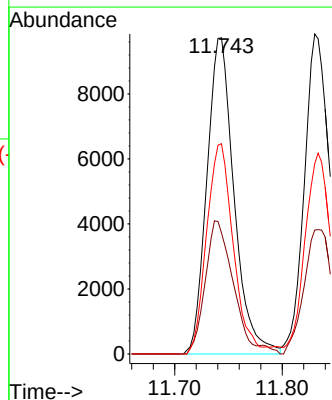
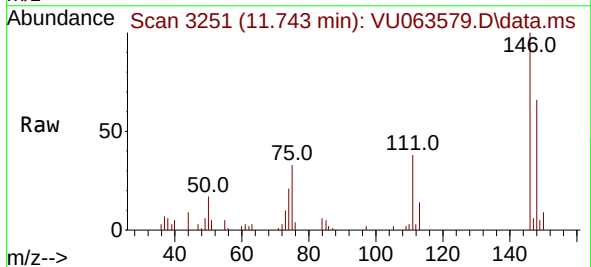
Manual Integrations
APPROVED

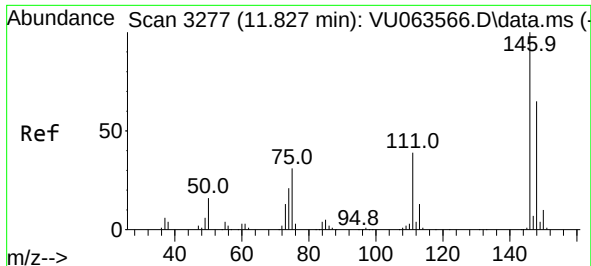
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#82
1,3-Dichlorobenzene
Concen: 0.753 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.007 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

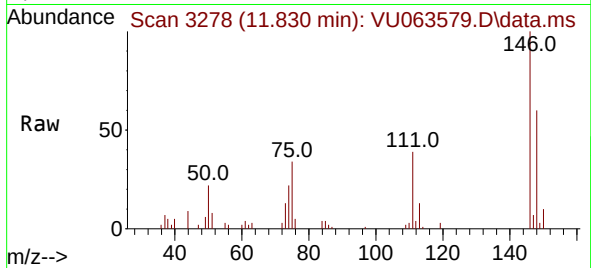
Tgt Ion:146 Resp: 17077
Ion Ratio Lower Upper
146 100
111 43.6 32.7 49.1
148 65.3 50.4 75.6





#83
1,4-Dichlorobenzene
Concen: 0.719 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14

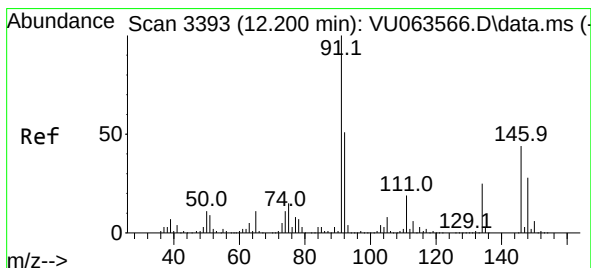
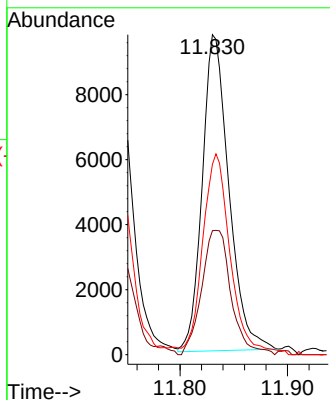
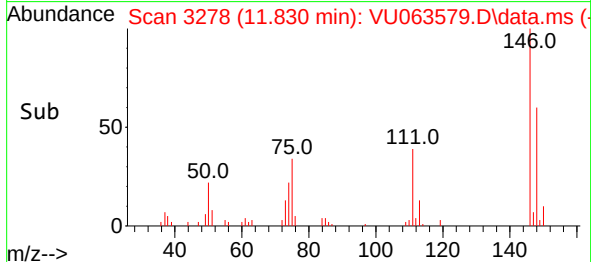
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



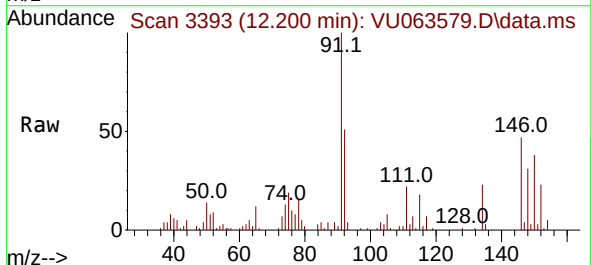
Tgt Ion:146 Resp: 1675
Ion Ratio Lower Upper
146 100
111 43.3 31.6 47.4
148 65.9 51.8 77.8

Manual Integrations
APPROVED

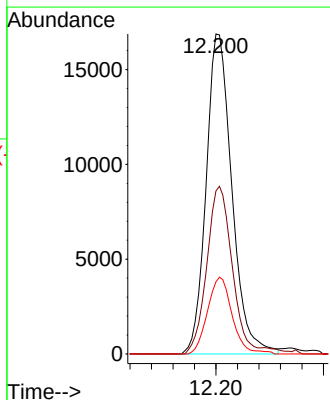
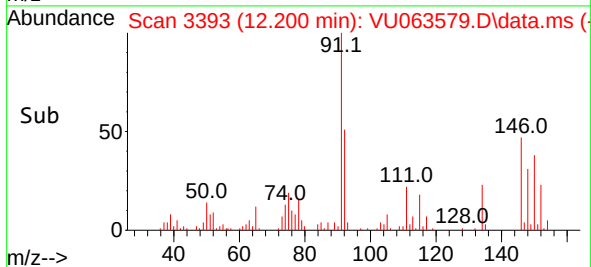
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

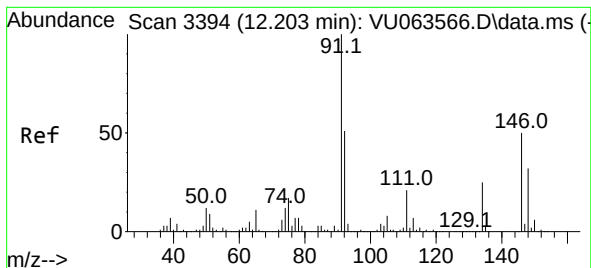


#84
n-Butylbenzene
Concen: 0.700 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063579.D
Acq: 15 Sep 2025 15:14



Tgt Ion: 91 Resp: 28095
Ion Ratio Lower Upper
91 100
92 52.6 41.3 61.9
134 22.9 19.9 29.9





#85

1,2-Dichlorobenzene

Concen: 0.762 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.004 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Instrument :

MSVOA_U

ClientSampleId :

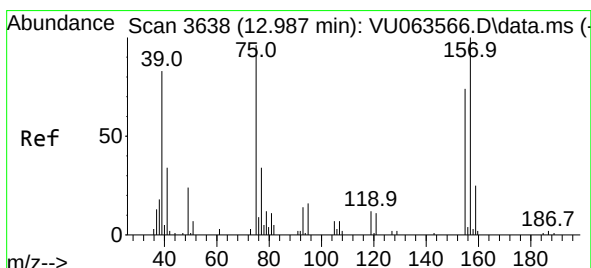
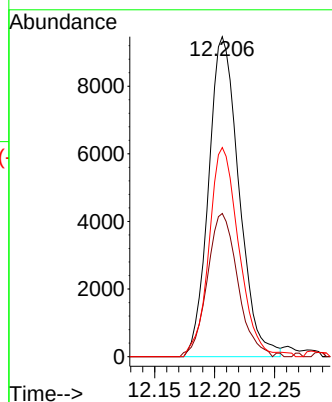
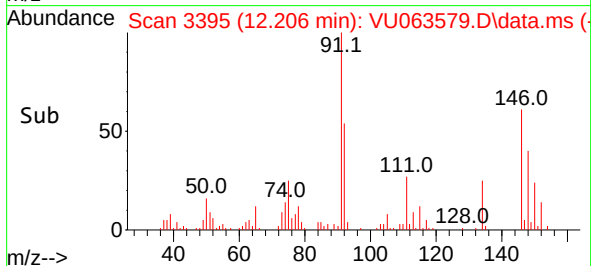
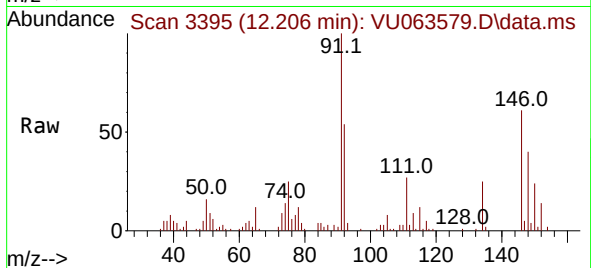
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	146	Resp:	1665
Ion Ratio	Lower	Upper	
146	100		
111	44.8	21.0	63.0
148	64.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.710 ug/l

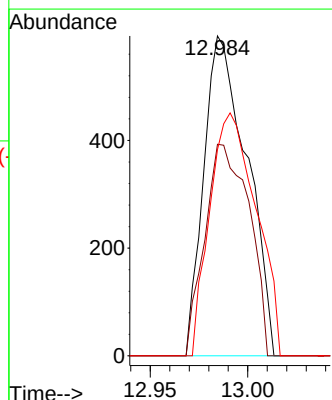
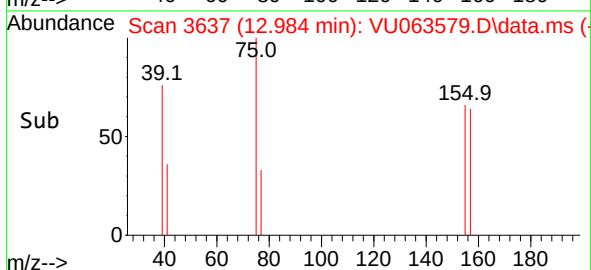
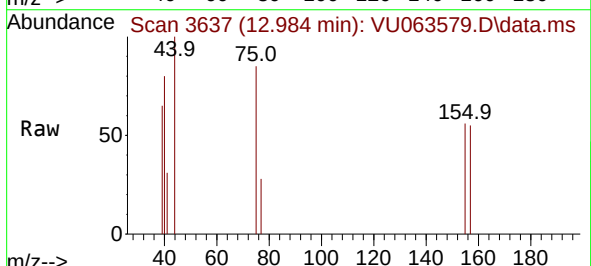
RT: 12.984 min Scan# 3637

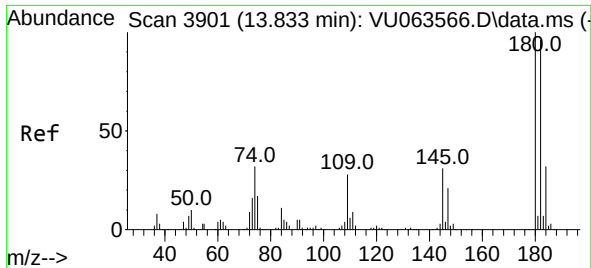
Delta R.T. -0.003 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Tgt Ion:	75	Resp:	913
Ion Ratio	Lower	Upper	
75	100		
155	68.1	64.1	96.1
157	81.8	84.2	126.4





#87

1,2,4-Trichlorobenzene

Concen: 0.758 ug/l

RT: 13.837 min Scan# 3901

Delta R.T. 0.004 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Instrument :

MSVOA_U

ClientSampleId :

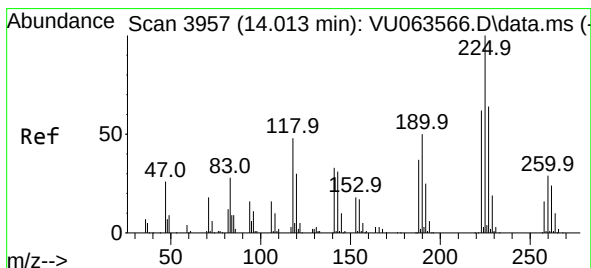
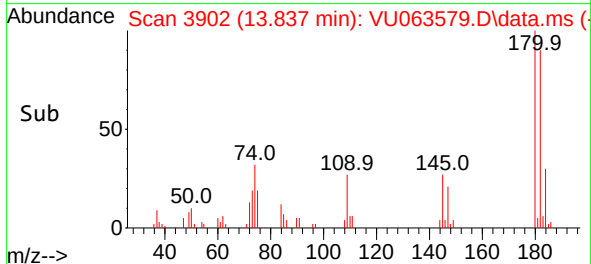
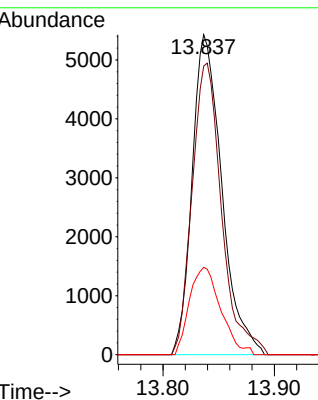
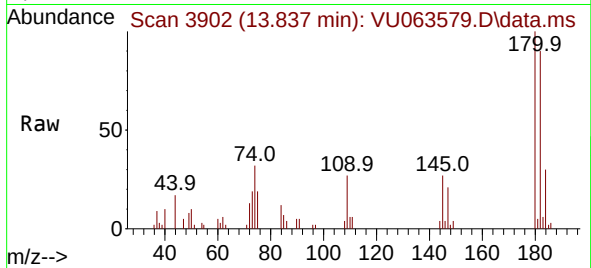
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:180	Resp:	1003
Ion Ratio	Lower	Upper
180	100	
182	90.3	77.1 115.7
145	28.8	25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#88

Hexachlorobutadiene

Concen: 0.711 ug/l

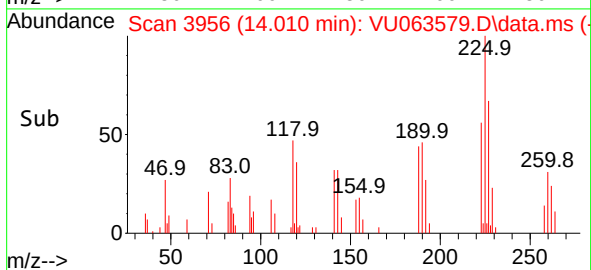
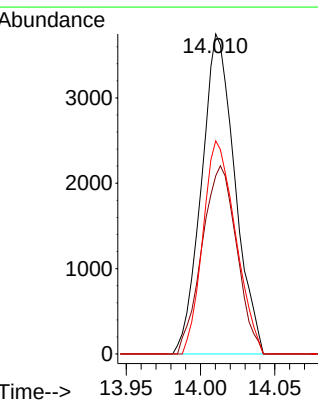
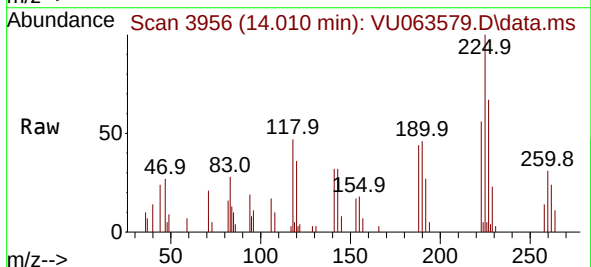
RT: 14.010 min Scan# 3956

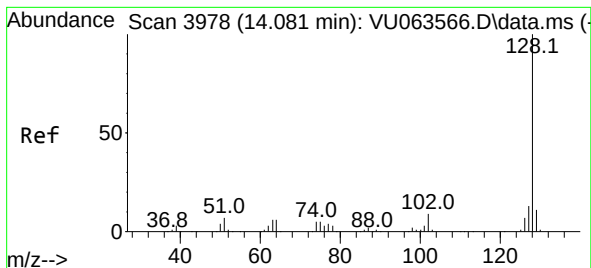
Delta R.T. -0.003 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Tgt Ion:225	Resp:	5855
Ion Ratio	Lower	Upper
225	100	
223	61.1	50.2 75.2
227	65.2	51.6 77.4





#89

Naphthalene

Concen: 0.778 ug/l

RT: 14.087 min Scan# 3978

Delta R.T. 0.007 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Instrument :

MSVOA_U

ClientSampleId :

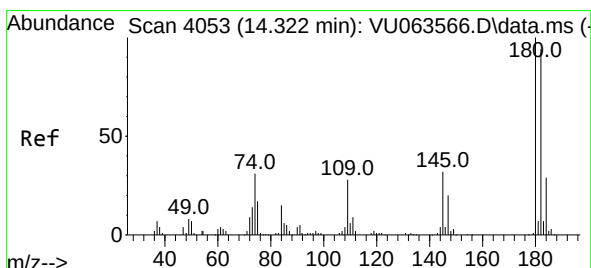
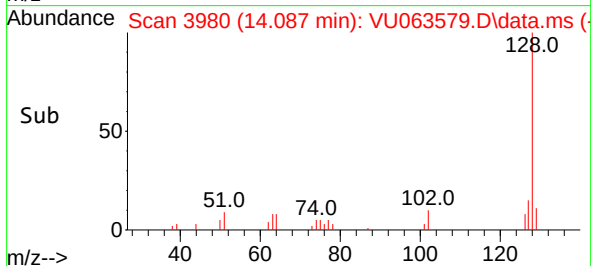
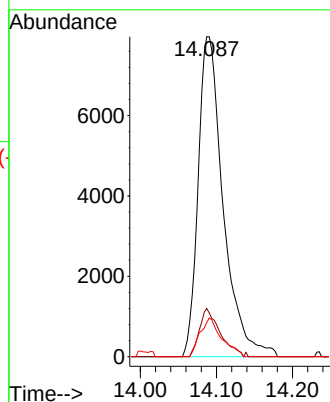
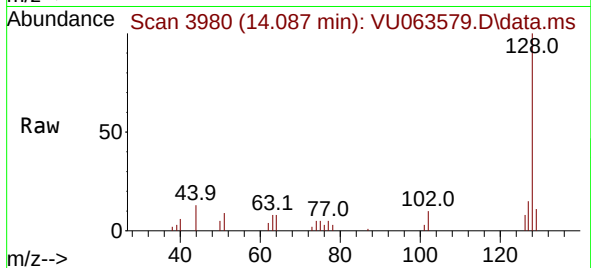
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	128	Resp:	1821
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.4
129	10.4	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#90

1,2,3-Trichlorobenzene

Concen: 0.747 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.004 min

Lab File: VU063579.D

Acq: 15 Sep 2025 15:14

Tgt Ion:	180	Resp:	9382
Ion Ratio	Lower	Upper	
180	100		
182	99.9	76.8	115.2
145	34.9	26.6	40.0

