

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
 Data File : VU063577.D
 Acq On : 15 Sep 2025 14:12
 Operator : MD/SY
 Sample : Q2893-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 16 05:08:50 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	6.100	96	33192	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11612	0.939	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	12144	0.963	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	5349	0.488	ug/l	96
3) Chloromethane	1.518	50	6652	0.620	ug/l	90
4) Vinyl Chloride	1.599	62	6371	0.548	ug/l	95
5) Bromomethane	1.843	94	4486	0.625	ug/l	99
6) Chloroethane	1.923	64	4048	0.542	ug/l	89
7) Trichlorofluoromethane	2.129	101	9267	0.543	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	5201	0.545	ug/l	94
9) 1,1-Dichloroethene	2.573	96	4931	0.570	ug/l	88
10) Iodomethane	2.711	142	5780	0.464	ug/l	96
11) Allyl Chloride	2.914	41	7061	0.491	ug/l	99
12) Acrylonitrile	3.309	53	2655	1.014	ug/l	95
13) Acetone	2.618	43	9584	2.586	ug/l	97
14) Carbon Disulfide	2.782	76	9108	0.504	ug/l	# 93
15) Methylene Chloride	3.033	84	12097	1.058	ug/l	93
16) trans-1,2-Dichloroethene	3.338	96	4979	0.540	ug/l	# 81
17) 1,1-Dichloroethane	3.853	63	11575	0.548	ug/l	99
18) 2-Butanone	4.711	43	11824	2.801	ug/l	100
19) Cyclohexane	5.364	56	8303	0.491	ug/l	97
20) Methylcyclohexane	6.743	83	8033	0.518	ug/l	92
21) 2,2-Dichloropropane	4.650	77	7941	0.509	ug/l	98
22) cis-1,2-Dichloroethene	4.653	96	6306	0.557	ug/l	95
23) Diethyl Ether	2.370	59	3995	0.521	ug/l	96
24) tert-Butyl Alcohol	3.181	59	5664	5.574	ug/l	# 83
25) Methyl tert-Butyl Ether	3.357	73	13647	0.528	ug/l	# 90
26) Bromochloromethane	4.962	128	2339	0.511	ug/l	94
27) Chloroform	5.074	83	11161	0.528	ug/l	93
28) 1,1,1-Trichloroethane	5.300	97	7848	0.483	ug/l	96
29) 1,1-Dichloropropene	5.512	75	7394	0.490	ug/l	94
30) Carbon Tetrachloride	5.508	117	5756	0.481	ug/l	96
31) Isopropyl Ether	3.994	45	18336	0.518	ug/l	93
32) Ethyl-t-butyl ether	4.499	59	14991	0.496	ug/l	95
33) Tert-Amyl methyl ether	5.943	73	11962	0.464	ug/l	96
34) Propionitrile	4.766	54	2625	2.658	ug/l	# 86
35) Benzene	5.763	78	23357	0.538	ug/l	99
36) 1,2-Dichloroethane	5.782	62	7738	0.528	ug/l	# 94
37) Trichloroethene	6.531	130	5647	0.522	ug/l	96
38) 1,2-Dichloropropane	6.782	63	6507	0.565	ug/l	98
39) Methacrylonitrile	4.968	41	2716	0.583	ug/l	# 84
40) Methyl acrylate	4.849	55	3447	0.539	ug/l	# 93
41) Tetrahydrofuran	5.058	42	3087m	1.270	ug/l	
42) 1-Chlorobutane	5.441	56	10855	0.513	ug/l	93
43) Dibromomethane	6.907	93	2837	0.514	ug/l	92
44) Bromodichloromethane	7.100	83	6434	0.546	ug/l	93

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 LOD-MDL-WATER-01-QT3-2025

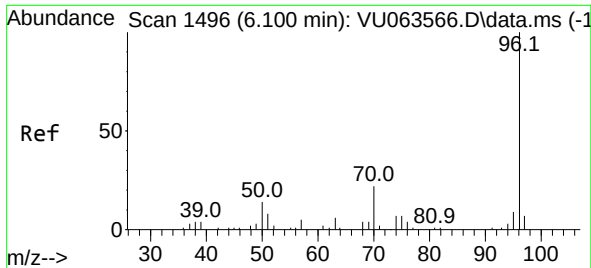
Quant Time: Sep 16 05:08:50 2025
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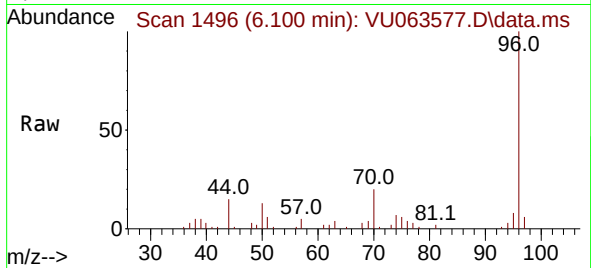
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	23376	3.383	ug/l	96
46) t-1,4-Dichloro-2-butene	10.830	75	1310m	0.507	ug/l	
47) Methyl methacrylate	6.965	69	5512	1.117	ug/l	92
48) Ethyl methacrylate	8.338	69	5249	0.573	ug/l	84
49) Toluene	7.962	92	13780	0.585	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	5014	0.568	ug/l #	85
51) cis-1,3-Dichloropropene	7.598	75	5982	0.509	ug/l #	85
52) 1,1,2-Trichloroethane	8.389	97	3913	0.501	ug/l #	74
53) 1,3-Dichloropropane	8.569	76	6975	0.514	ug/l	92
54) 2-Hexanone	8.692	43	16981	3.363	ug/l	96
55) Dibromochloromethane	8.801	129	3399	0.449	ug/l	96
56) 1,2-Dibromoethane	8.917	107	3338	0.495	ug/l	100
58) Tetrachloroethene	8.541	164	5473	0.514	ug/l	93
59) Chlorobenzene	9.441	112	14315	0.527	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	3646	0.411	ug/l	96
61) Pentachloroethane	11.418	117	2931	0.461	ug/l #	81
62) Hexachloroethane	12.466	117	2094	0.379	ug/l #	78
63) Ethyl Benzene	9.563	91	22879	0.493	ug/l	99
64) m/p-Xylenes	9.688	106	15906	0.892	ug/l	96
65) o-Xylene	10.094	106	8520	0.478	ug/l	96
66) Styrene	10.113	104	13271	0.466	ug/l	99
67) Bromoform	10.286	173	1645	0.436	ug/l #	91
69) Isopropylbenzene	10.476	105	20242	0.467	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.775	83	4811	0.484	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	4274m	0.580	ug/l	
72) Bromobenzene	10.778	156	5034	0.448	ug/l	90
73) n-propylbenzene	10.897	120	5271	0.421	ug/l	94
74) 2-Chlorotoluene	10.981	126	5100	0.451	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	18465	0.456	ug/l	98
76) 4-Chlorotoluene	11.093	126	4981	0.420	ug/l	97
77) tert-Butylbenzene	11.412	119	16693	0.426	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	18531	0.470	ug/l	93
79) sec-Butylbenzene	11.637	105	21686	0.409	ug/l	96
80) Nitrobenzene	13.216	77	475m	3.479	ug/l	
81) p-Isopropyltoluene	11.785	119	18102	0.424	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	11213	0.496	ug/l	96
83) 1,4-Dichlorobenzene	11.833	146	11291	0.486	ug/l	96
84) n-Butylbenzene	12.203	91	17889	0.447	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	10556	0.484	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.987	75	578	0.451	ug/l	87
87) 1,2,4-Trichlorobenzene	13.839	180	6877	0.521	ug/l	93
88) Hexachlorobutadiene	14.016	225	3495	0.425	ug/l	95
89) Naphthalene	14.090	128	15501	0.664	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	6947	0.554	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

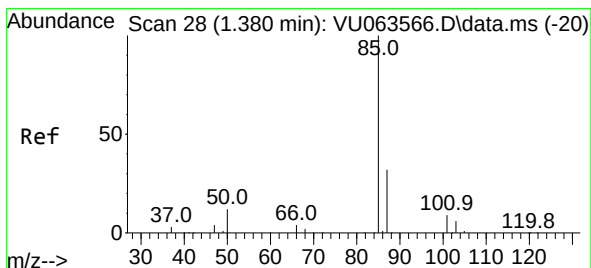
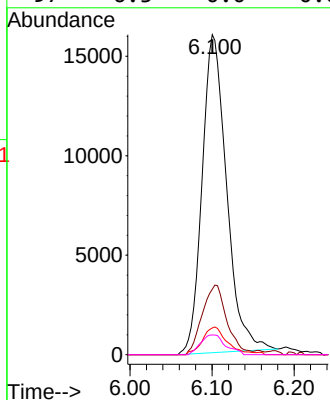
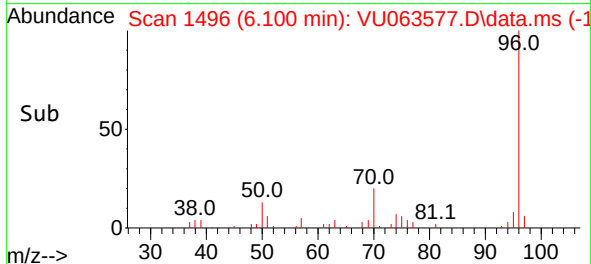
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 96 Resp: 33192
Ion Ratio Lower Upper
96 100
70 20.7 15.5 23.3
95 7.9 7.7 11.5
97 6.3 0.0 0.0#

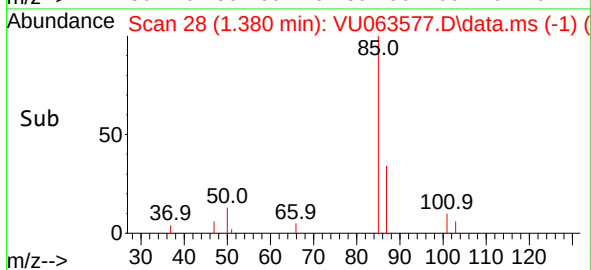
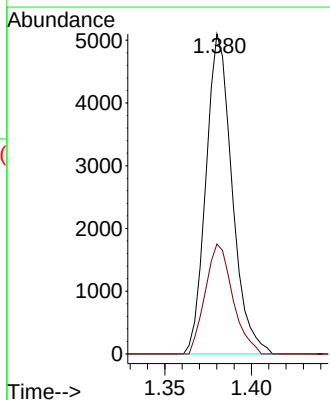
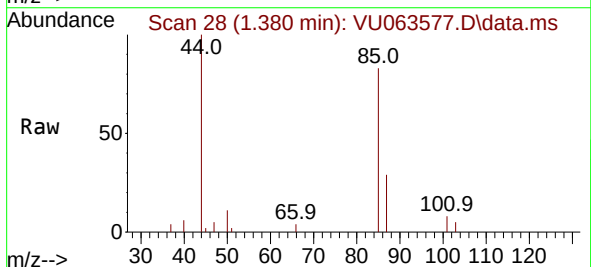
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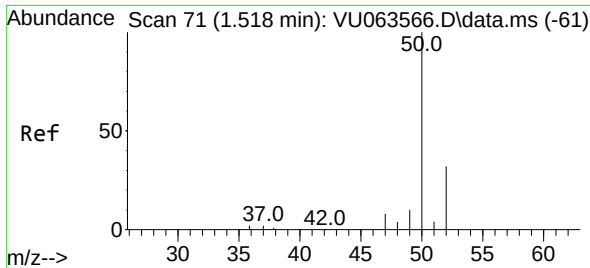
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#2
Dichlorodifluoromethane
Concen: 0.488 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

Tgt Ion: 85 Resp: 5349
Ion Ratio Lower Upper
85 100
87 34.4 16.1 48.2





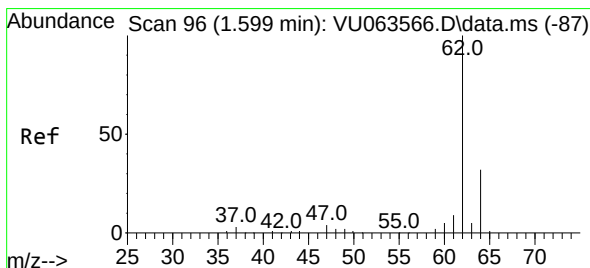
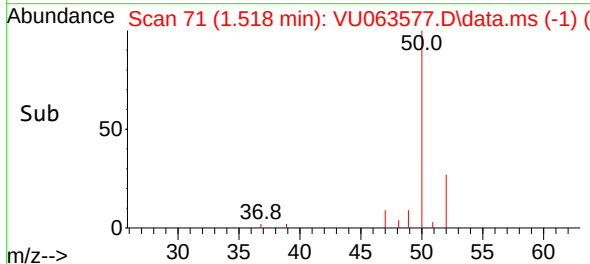
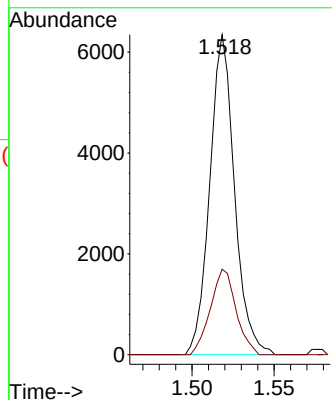
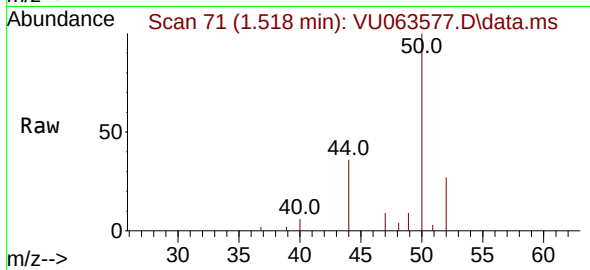
#3
Chloromethane
Concen: 0.620 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

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

Tgt Ion: 50 Resp: 6652
Ion Ratio Lower Upper
50 100
52 26.7 25.6 38.4

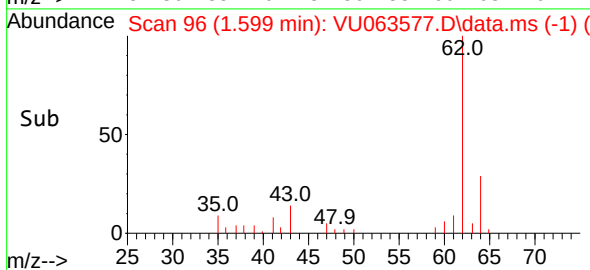
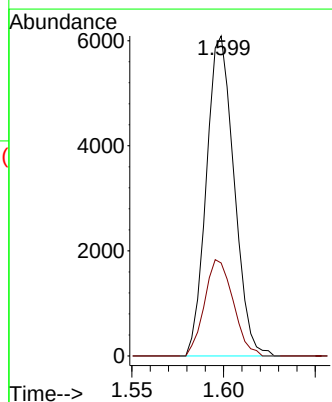
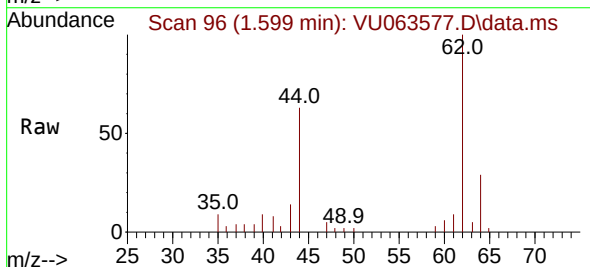
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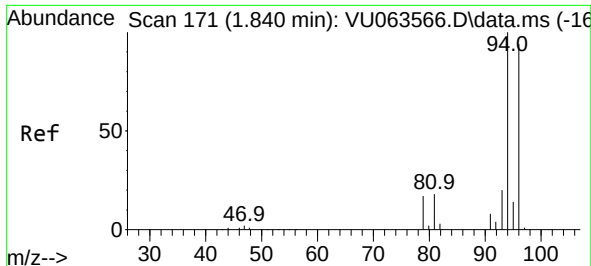
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#4
Vinyl Chloride
Concen: 0.548 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

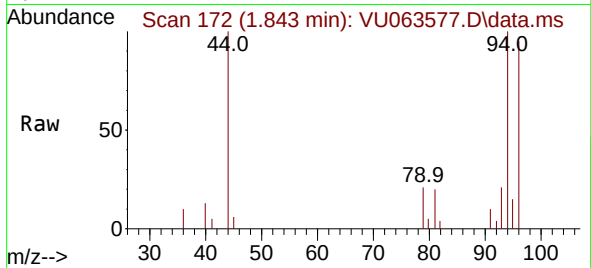
Tgt Ion: 62 Resp: 6371
Ion Ratio Lower Upper
62 100
64 29.0 25.5 38.3





#5
Bromomethane
Concen: 0.625 ug/l
RT: 1.843 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

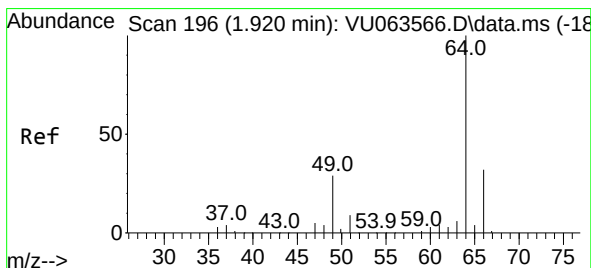
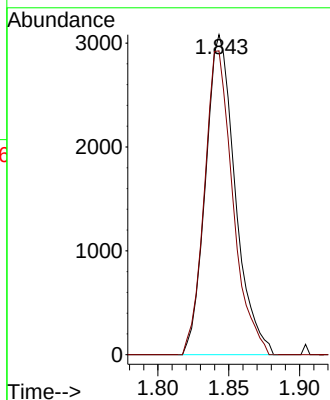
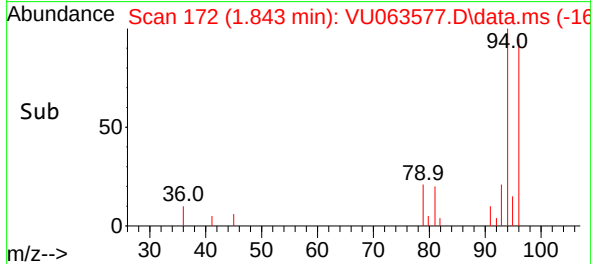
Instrument :
MSVOA_U
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LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 94 Resp: 4480
Ion Ratio Lower Upper
94 100
96 94.9 75.1 112.7

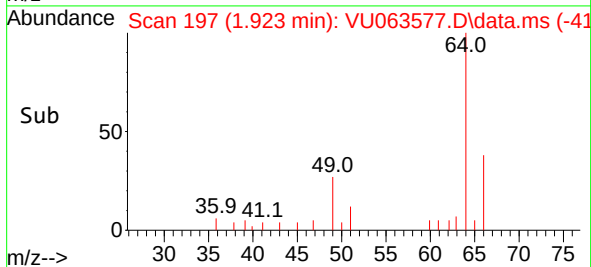
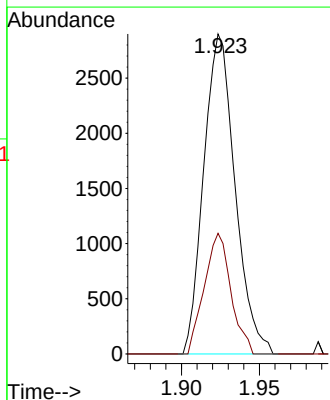
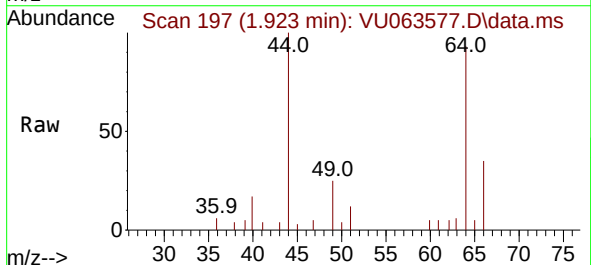
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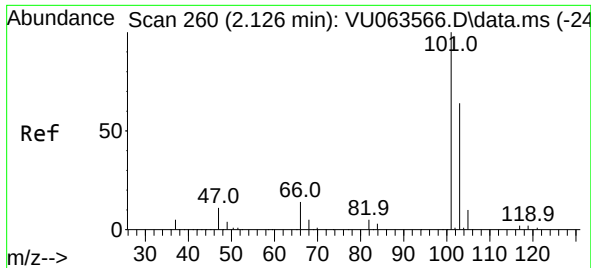
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#6
Chloroethane
Concen: 0.542 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

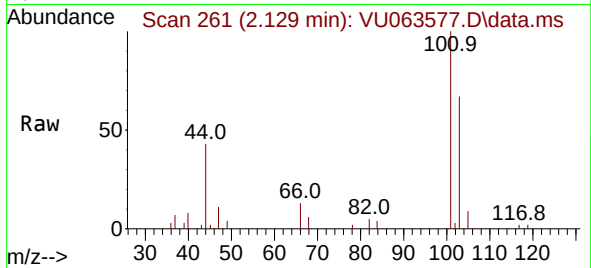
Tgt Ion: 64 Resp: 4048
Ion Ratio Lower Upper
64 100
66 37.7 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 0.543 ug/l
 RT: 2.129 min Scan# 206
 Delta R.T. 0.003 min
 Lab File: VU063577.D
 Acq: 15 Sep 2025 14:12

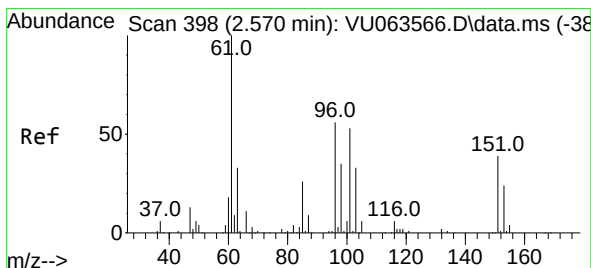
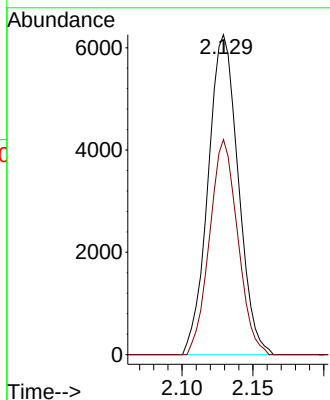
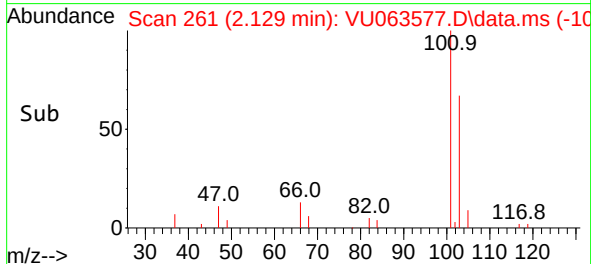
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 MSVOA_U
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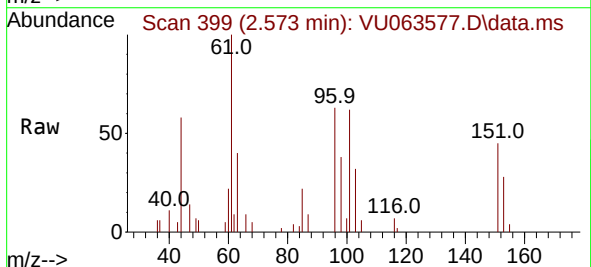
Tgt Ion:101 Resp: 926
 Ion Ratio Lower Upper
 101 100
 103 67.2 50.8 76.2

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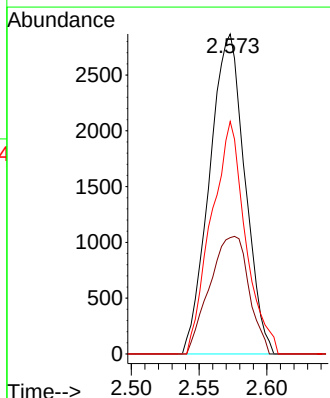
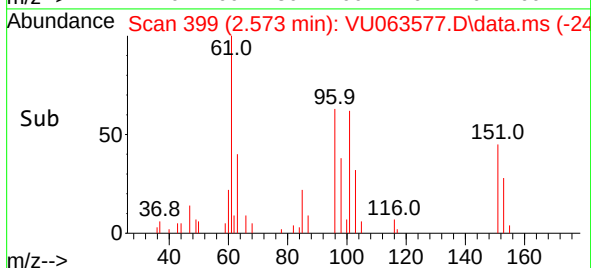
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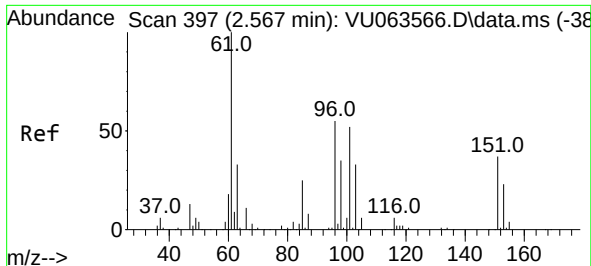


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.545 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. 0.003 min
 Lab File: VU063577.D
 Acq: 15 Sep 2025 14:12



Tgt Ion:101 Resp: 5201
 Ion Ratio Lower Upper
 101 100
 85 40.8 38.7 58.1
 151 70.5 58.2 87.2





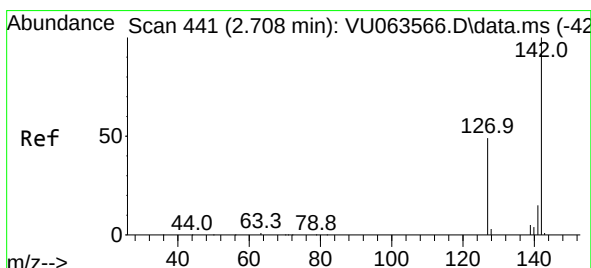
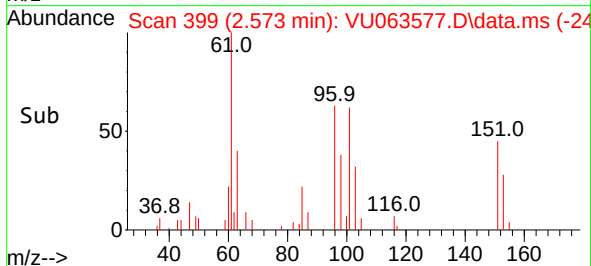
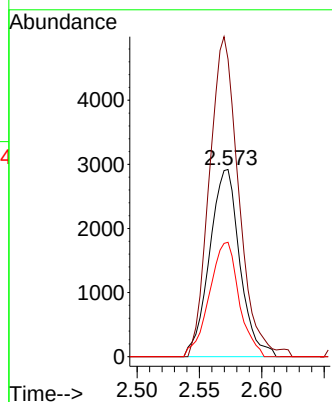
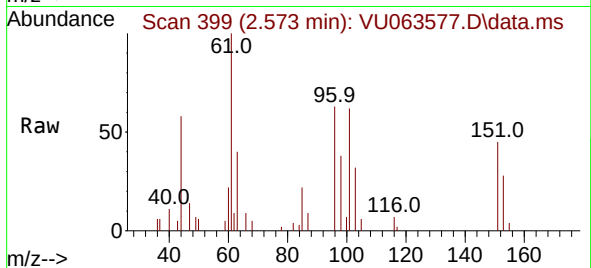
#9
1,1-Dichloroethene
Concen: 0.570 ug/l
RT: 2.573 min Scan# 397
Delta R.T. 0.006 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

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

Tgt Ion: 96 Resp: 493
Ion Ratio Lower Upper
96 100
61 158.8 0.0 543.9
98 61.1 0.0 125.8

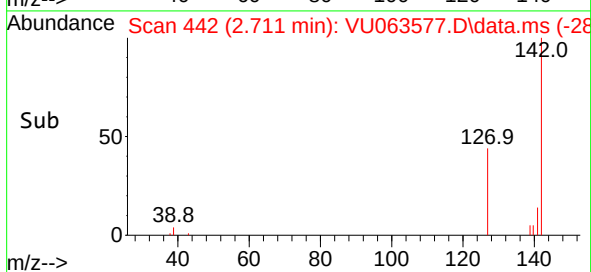
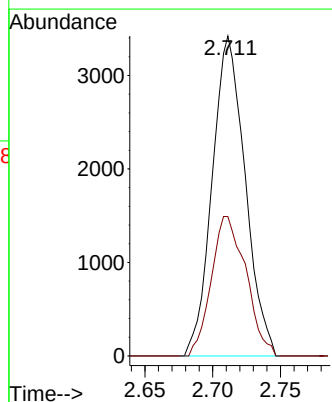
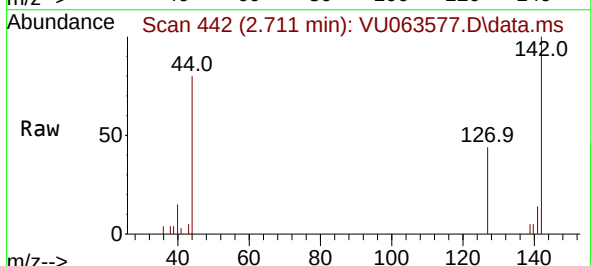
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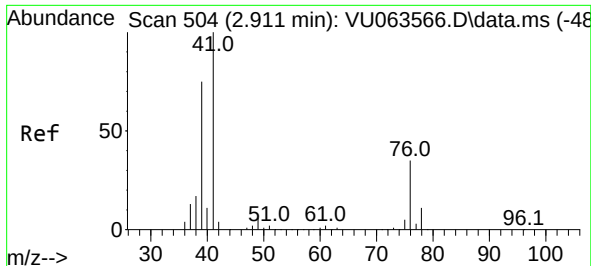
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Supervised By :Semsettin Yesilyurt 09/16/2025



#10
Iodomethane
Concen: 0.464 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

Tgt Ion:142 Resp: 5780
Ion Ratio Lower Upper
142 100
127 45.8 38.6 58.0





#11

Allyl Chloride

Concen: 0.491 ug/l

RT: 2.914 min Scan# 504

Delta R.T. 0.003 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 41 Resp: 706

Ion Ratio Lower Upper

41 100

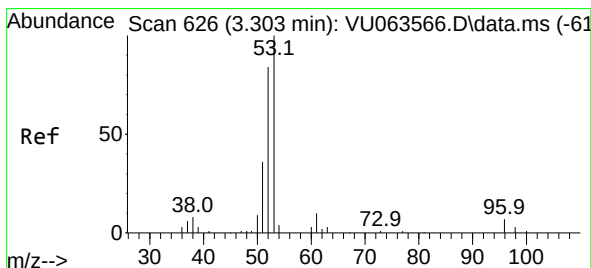
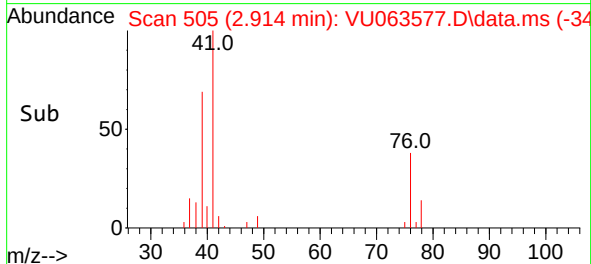
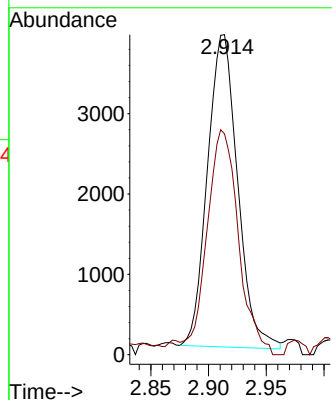
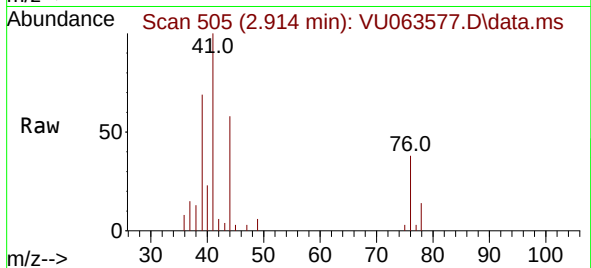
39 75.2 61.2 91.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#12

Acrylonitrile

Concen: 1.014 ug/l

RT: 3.309 min Scan# 628

Delta R.T. 0.006 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

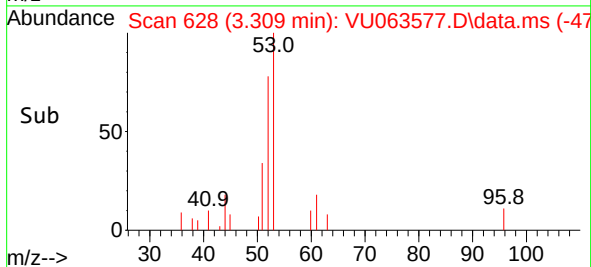
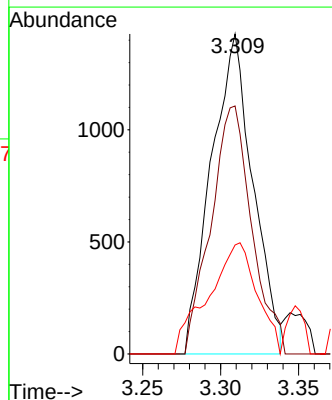
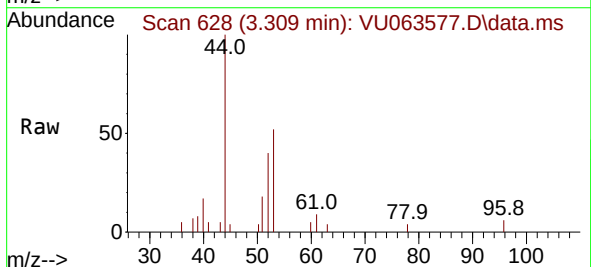
Tgt Ion: 53 Resp: 2655

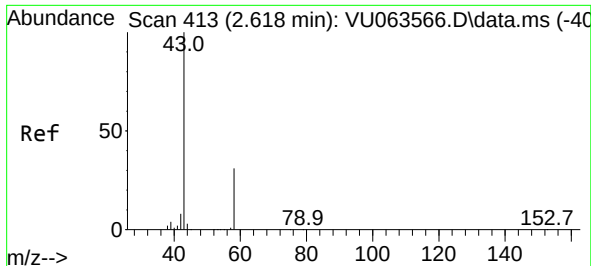
Ion Ratio Lower Upper

53 100

52 76.1 65.0 97.4

51 40.6 31.2 46.8





#13

Acetone

Concen: 2.586 ug/l

RT: 2.618 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU063577.D

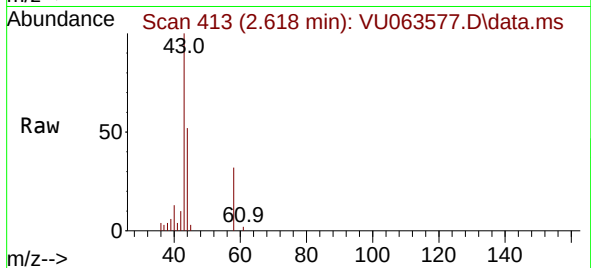
Acq: 15 Sep 2025 14:12

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 43 Resp: 9584

Ion Ratio Lower Upper

43 100

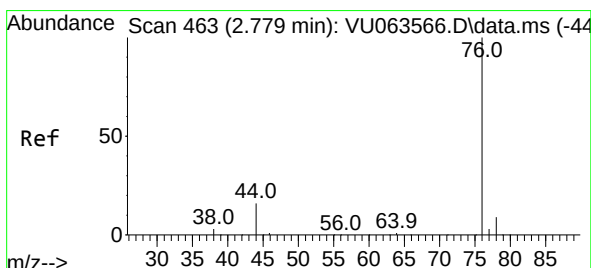
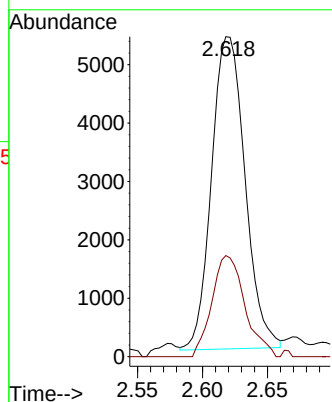
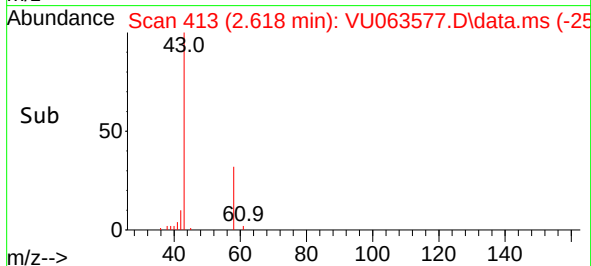
58 32.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#14

Carbon Disulfide

Concen: 0.504 ug/l

RT: 2.782 min Scan# 464

Delta R.T. 0.003 min

Lab File: VU063577.D

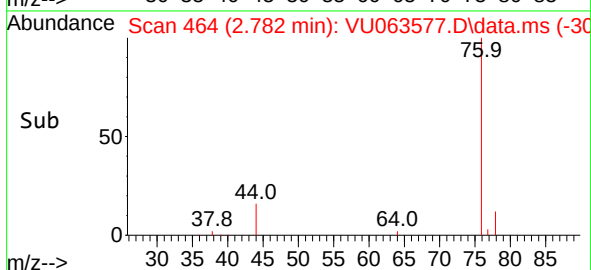
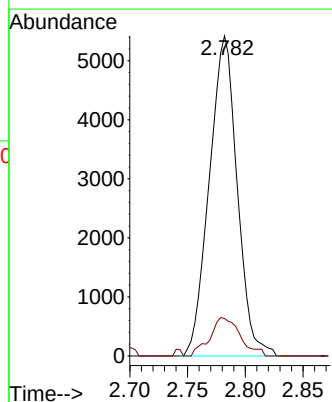
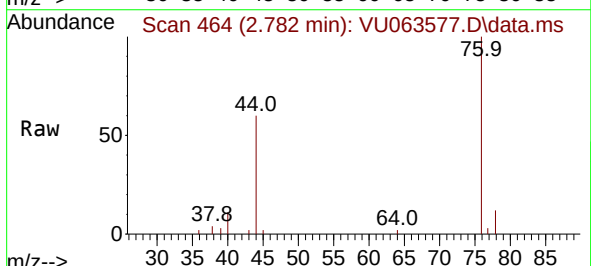
Acq: 15 Sep 2025 14:12

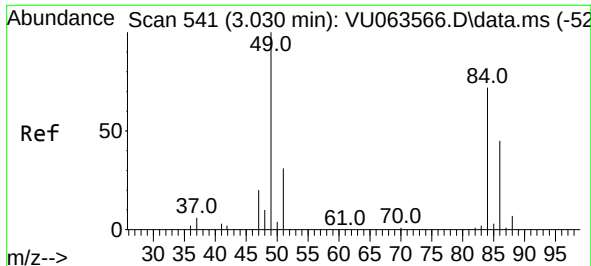
Tgt Ion: 76 Resp: 9108

Ion Ratio Lower Upper

76 100

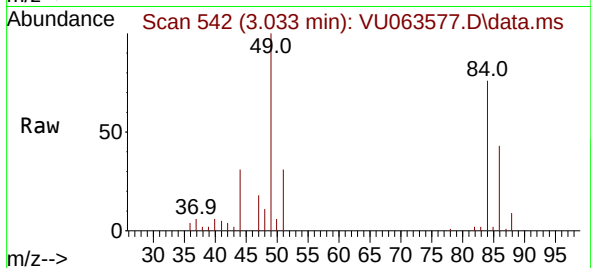
78 11.7 7.3 10.9#





#15
Methylene Chloride
Concen: 1.058 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

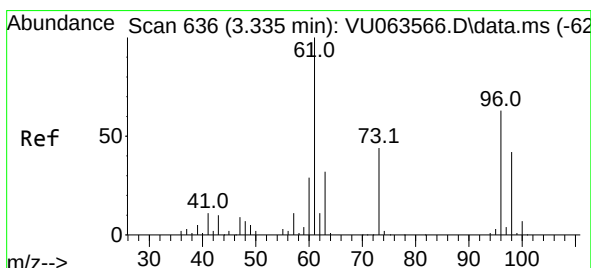
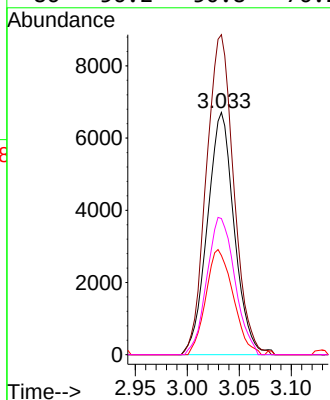
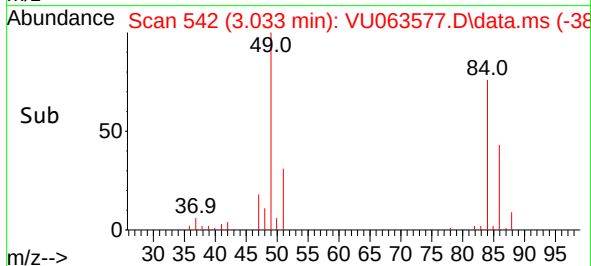
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 84	Resp: 1209
Ion Ratio	Lower Upper
84	100
49	132.1 111.8 167.6
51	41.0 0.0 86.0
86	56.2 50.8 76.2

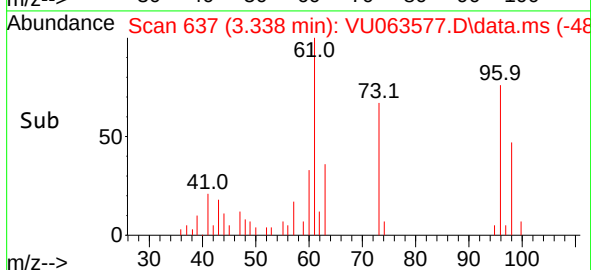
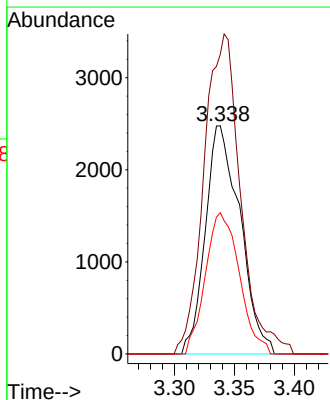
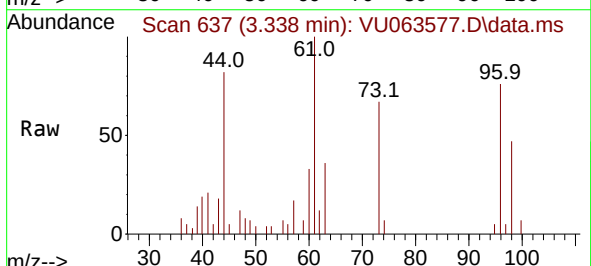
Manual Integrations
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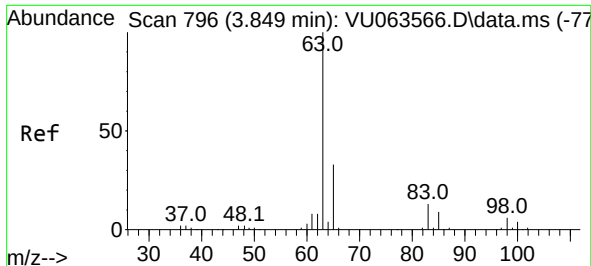
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#16
trans-1,2-Dichloroethene
Concen: 0.540 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

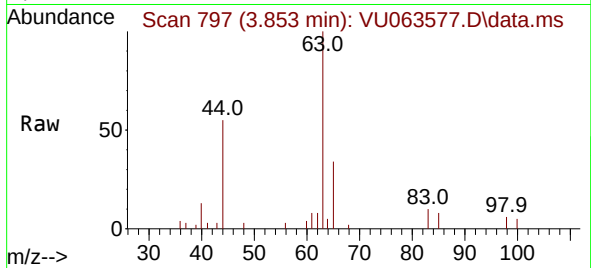
Tgt Ion: 96	Resp: 4979
Ion Ratio	Lower Upper
96	100
61	127.2 127.8 191.6#
98	62.0 53.8 80.8





#17
 1,1-Dichloroethane
 Concen: 0.548 ug/l
 RT: 3.853 min Scan# 796
 Delta R.T. 0.003 min
 Lab File: VU063577.D
 Acq: 15 Sep 2025 14:12

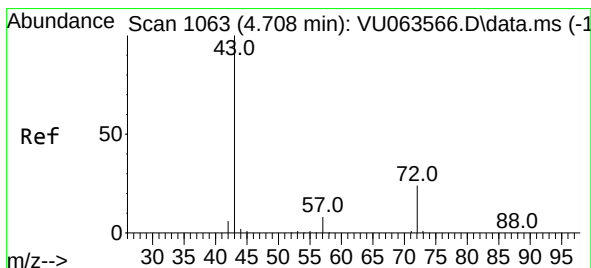
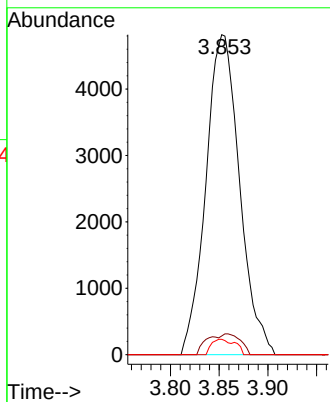
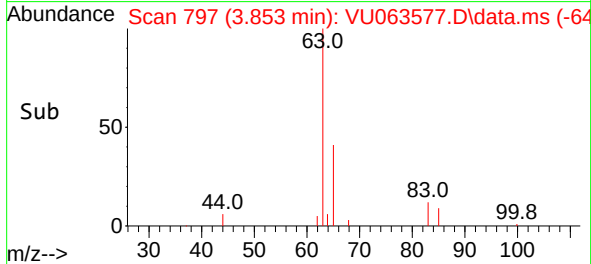
Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 63 Resp: 11579
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.8
 100 4.8 2.0 5.8

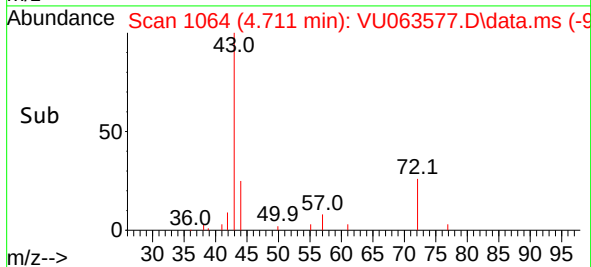
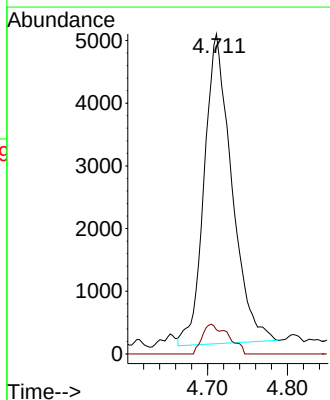
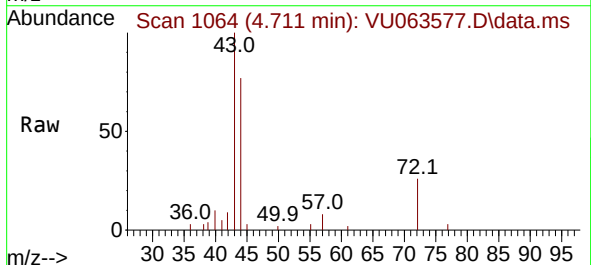
Manual Integrations
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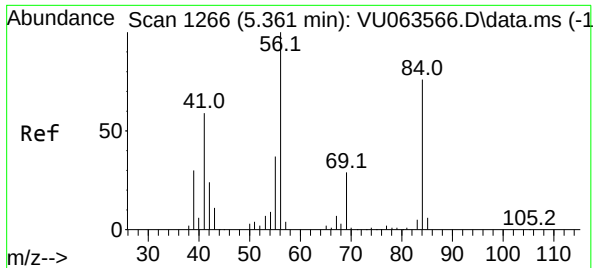
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025



#18
 2-Butanone
 Concen: 2.801 ug/l
 RT: 4.711 min Scan# 1064
 Delta R.T. 0.003 min
 Lab File: VU063577.D
 Acq: 15 Sep 2025 14:12

Tgt Ion: 43 Resp: 11824
 Ion Ratio Lower Upper
 43 100
 57 7.9 0.0 15.8





#19

Cyclohexane

Concen: 0.491 ug/l

RT: 5.364 min Scan# 1266

Delta R.T. 0.003 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

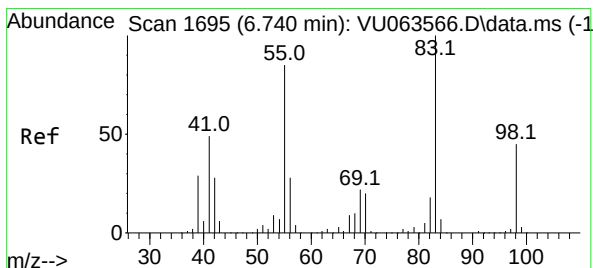
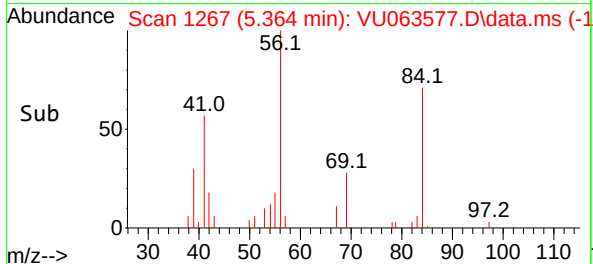
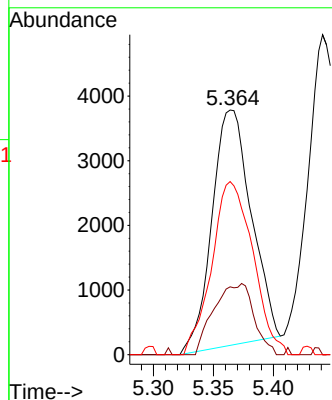
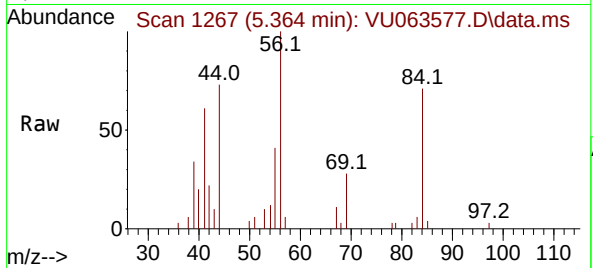
Tgt Ion: 56 Resp: 830

Ion	Ratio	Lower	Upper
56	100		
69	30.7	22.7	34.1
84	76.7	59.4	89.0

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 0.518 ug/l

RT: 6.743 min Scan# 1696

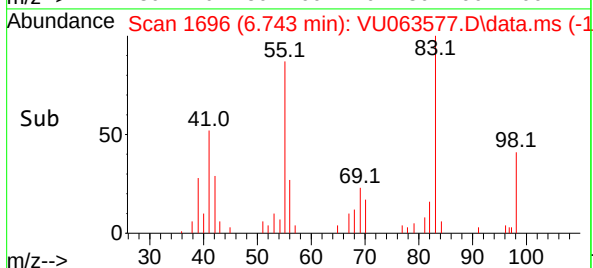
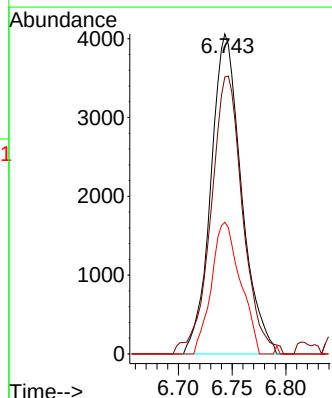
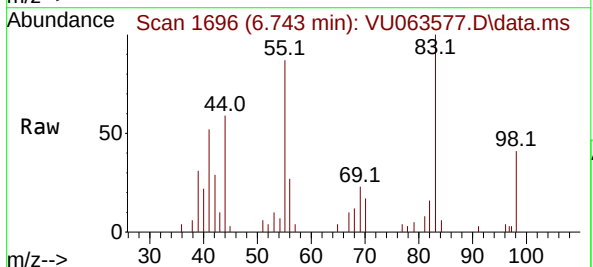
Delta R.T. 0.003 min

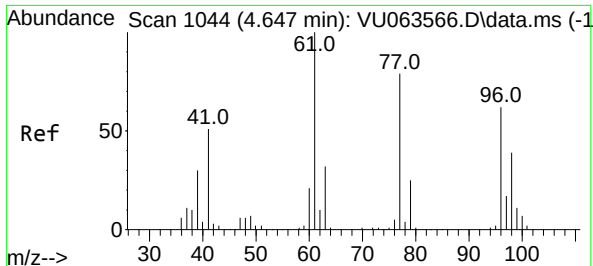
Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

Tgt Ion: 83 Resp: 8033

Ion	Ratio	Lower	Upper
83	100		
55	90.1	66.7	100.1
98	38.9	35.9	53.9





#21

2,2-Dichloropropane

Concen: 0.509 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 77 Resp: 794

Ion Ratio Lower Upper

77 100

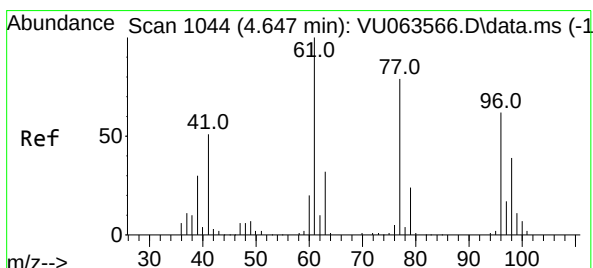
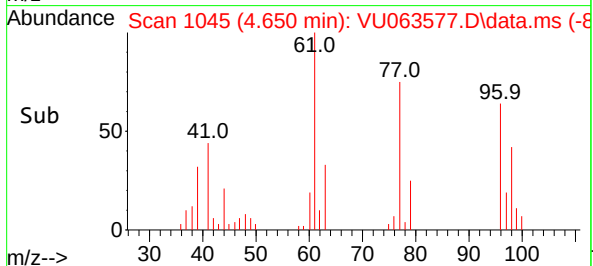
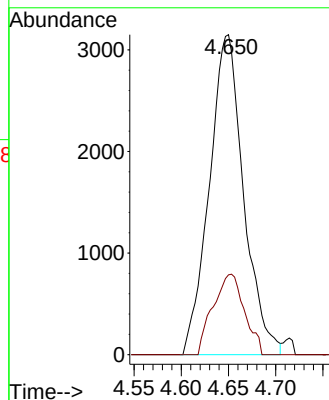
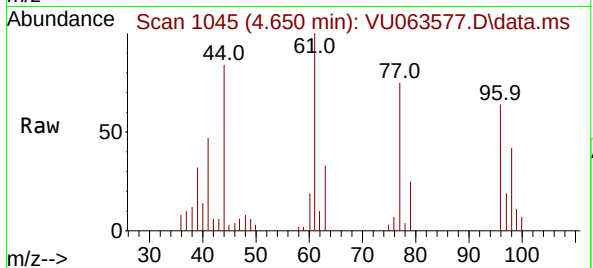
97 23.0 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#22

cis-1,2-Dichloroethene

Concen: 0.557 ug/l

RT: 4.653 min Scan# 1046

Delta R.T. 0.006 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

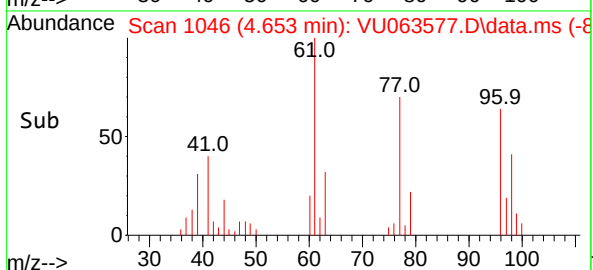
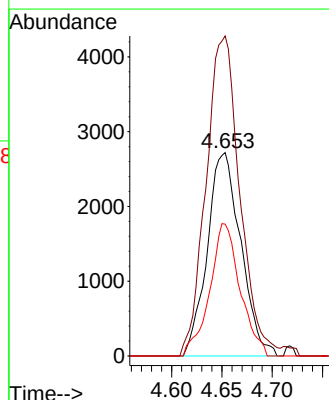
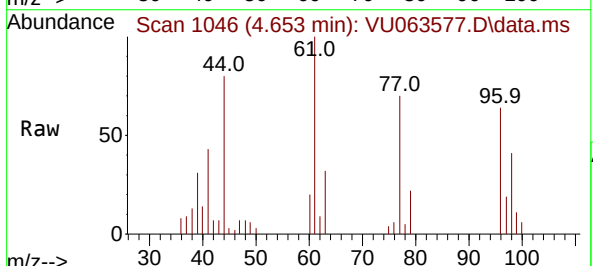
Tgt Ion: 96 Resp: 6306

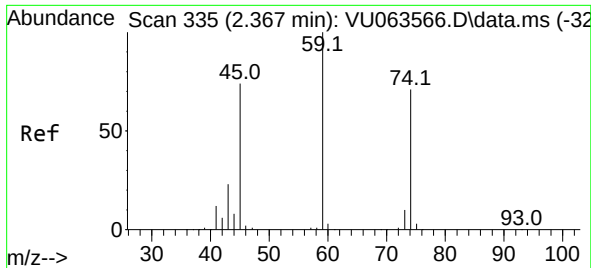
Ion Ratio Lower Upper

96 100

61 158.4 0.0 411.0

98 58.9 31.9 95.9





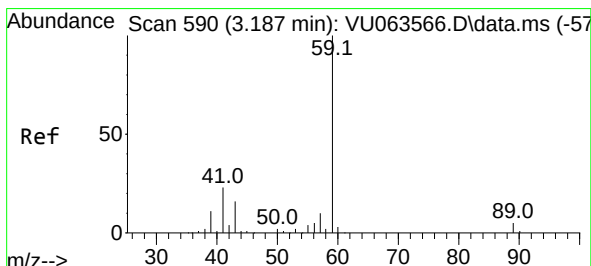
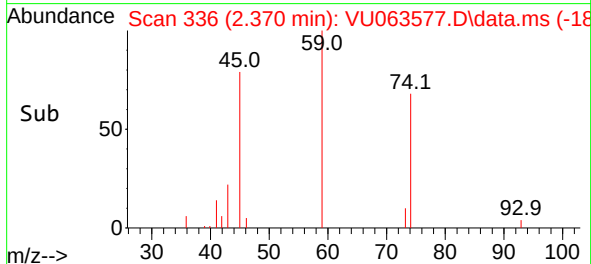
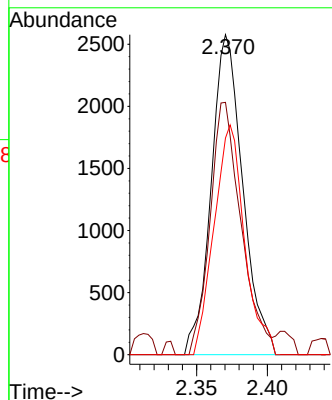
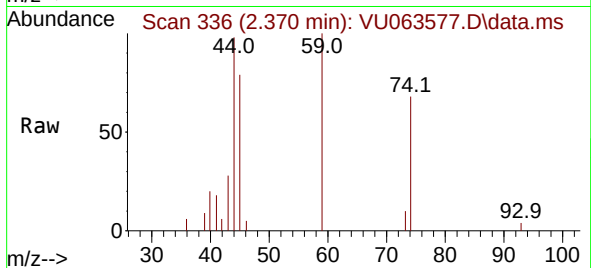
#23
Diethyl Ether
Concen: 0.521 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

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

Tgt Ion: 59 Resp: 3998
Ion Ratio Lower Upper
59 100
45 77.6 59.0 88.6
74 69.3 57.8 86.6

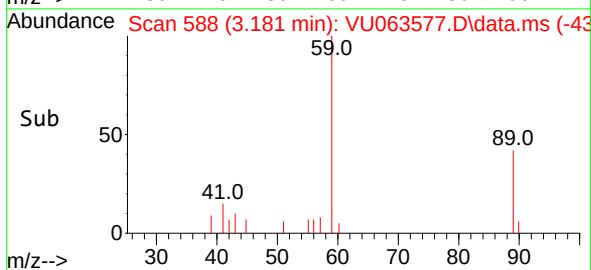
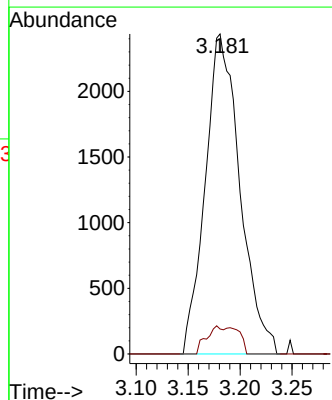
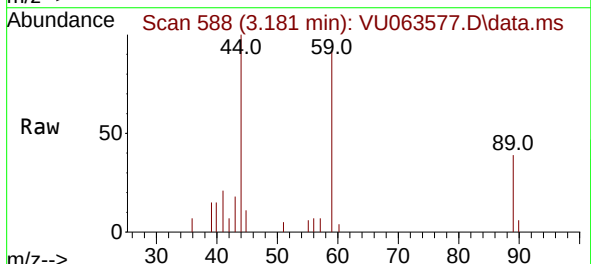
Manual Integrations
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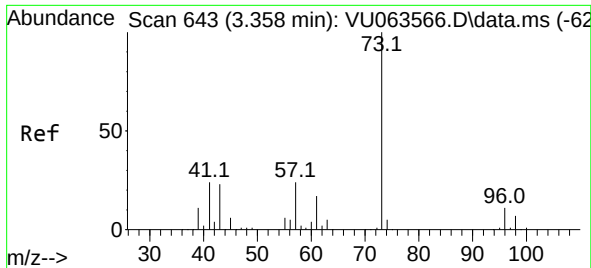
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#24
tert-Butyl Alcohol
Concen: 5.574 ug/l
RT: 3.181 min Scan# 588
Delta R.T. -0.006 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

Tgt Ion: 59 Resp: 5664
Ion Ratio Lower Upper
59 100
57 4.3 8.6 12.8#





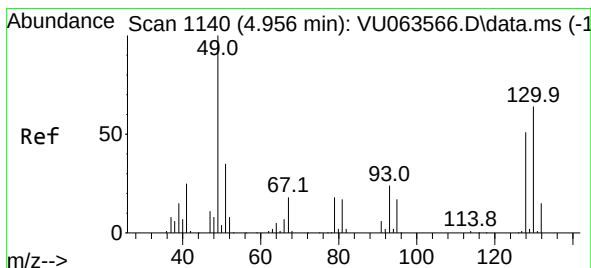
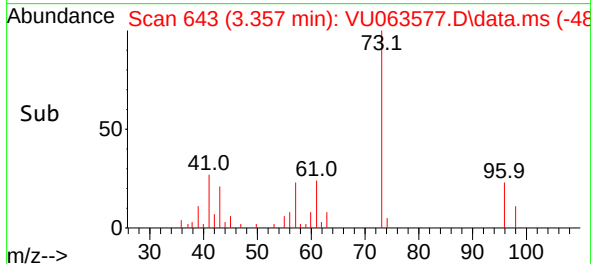
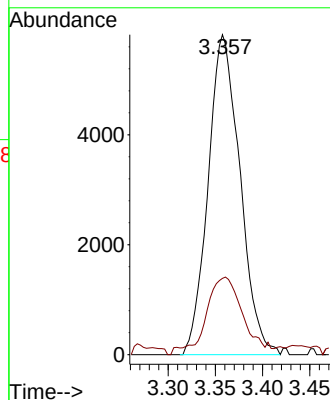
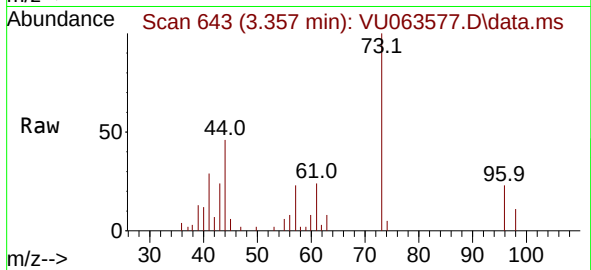
#25
Methyl tert-Butyl Ether
Concen: 0.528 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

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

Tgt Ion: 73 Resp: 1364
Ion Ratio Lower Upper
73 100
43 27.3 18.1 27.1

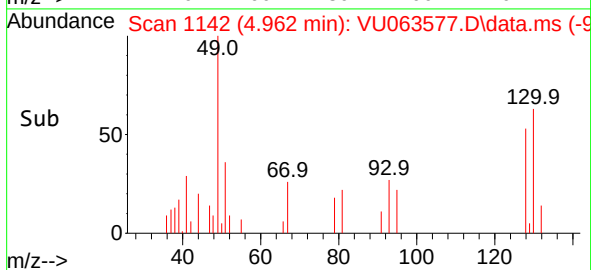
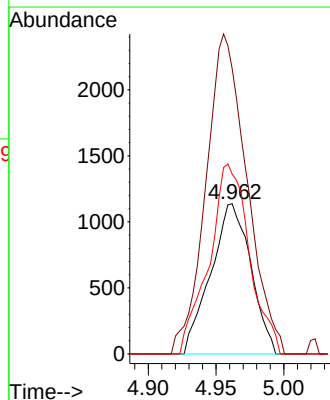
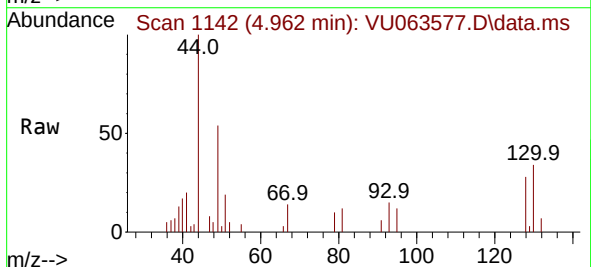
Manual Integrations
APPROVED

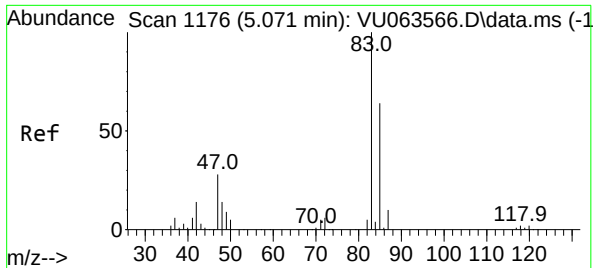
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#26
Bromochloromethane
Concen: 0.511 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

Tgt Ion:128 Resp: 2339
Ion Ratio Lower Upper
128 100
49 217.5 0.0 410.2
130 127.1 103.4 155.0





#27

Chloroform

Concen: 0.528 ug/l

RT: 5.074 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 83 Resp: 1116

Ion Ratio Lower Upper

83 100

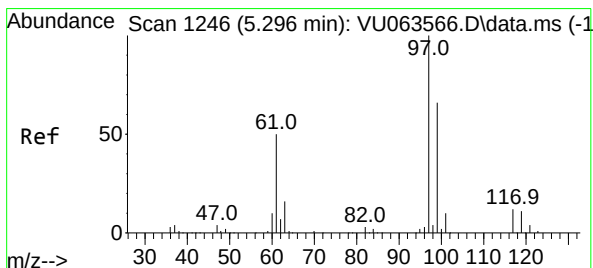
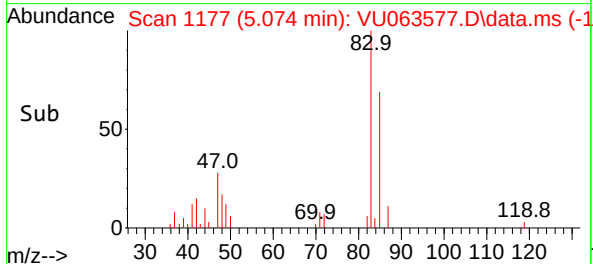
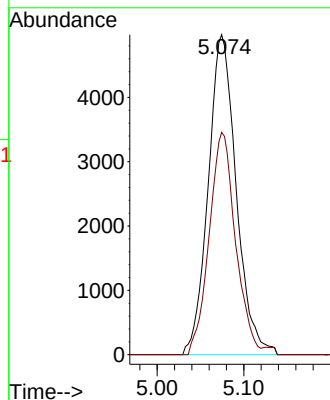
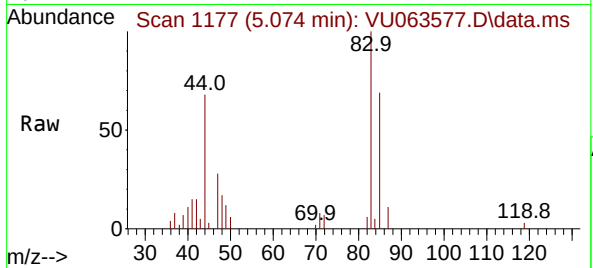
85 69.5 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#28

1,1,1-Trichloroethane

Concen: 0.483 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

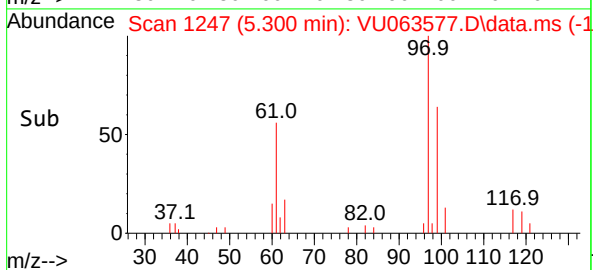
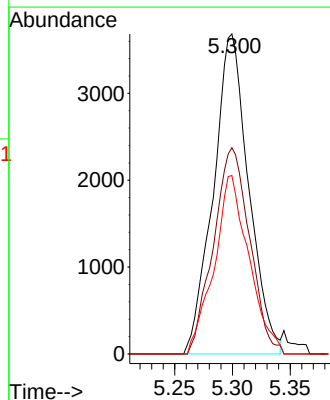
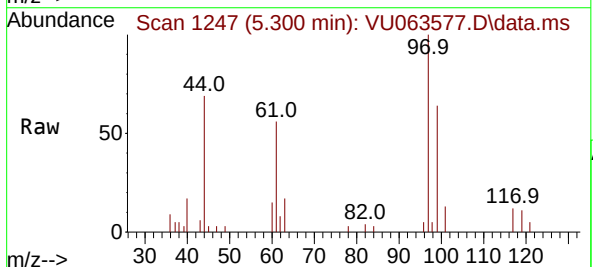
Tgt Ion: 97 Resp: 7848

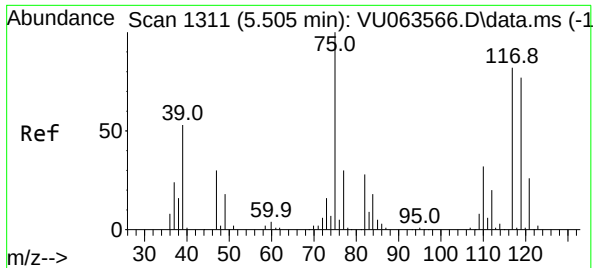
Ion Ratio Lower Upper

97 100

99 66.0 32.4 97.0

61 55.0 25.1 75.4





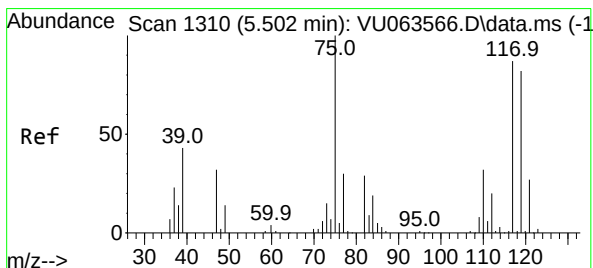
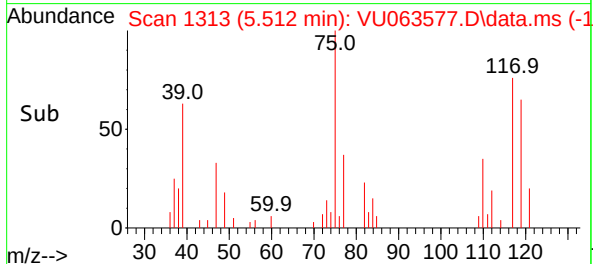
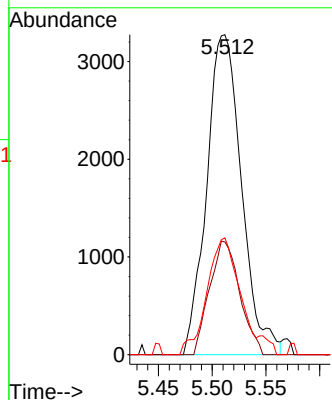
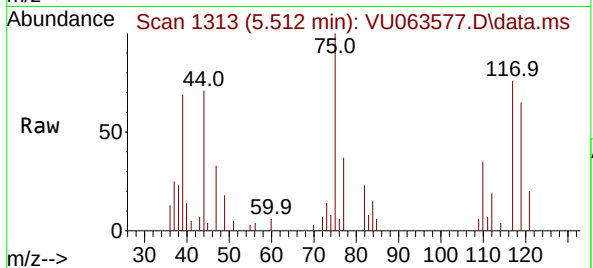
#29
1,1-Dichloropropene
Concen: 0.490 ug/l
RT: 5.512 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

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

Tgt Ion: 75 Resp: 7394
Ion Ratio Lower Upper
75 100
110 30.7 16.4 49.4
77 35.7 24.6 37.0

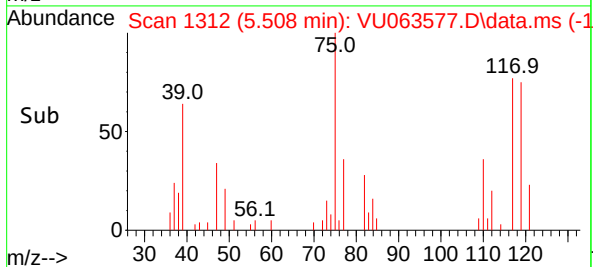
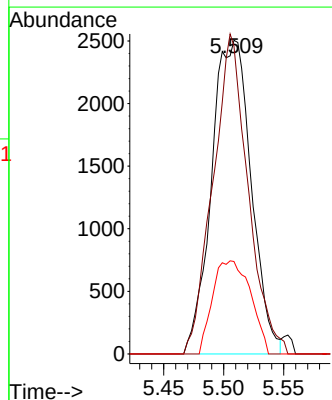
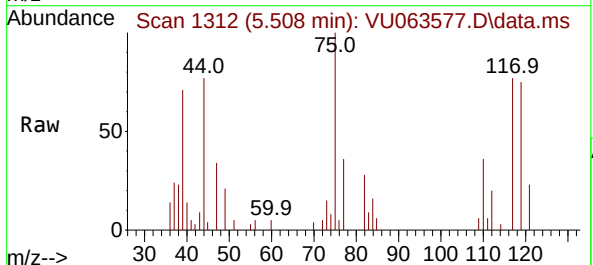
Manual Integrations
APPROVED

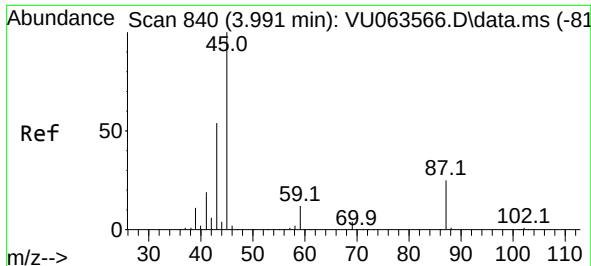
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#30
Carbon Tetrachloride
Concen: 0.481 ug/l
RT: 5.508 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

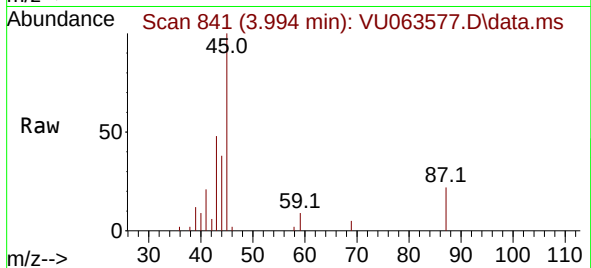
Tgt Ion:117 Resp: 5756
Ion Ratio Lower Upper
117 100
119 98.2 75.7 113.5
121 29.5 25.4 38.0





#31
Isopropyl Ether
Concen: 0.518 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

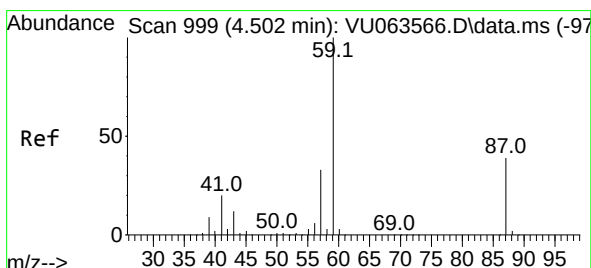
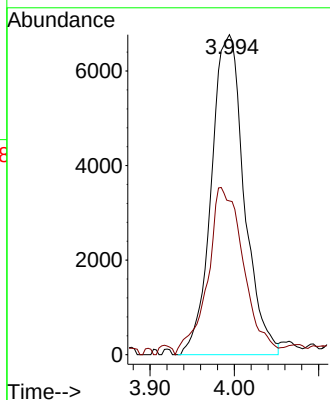
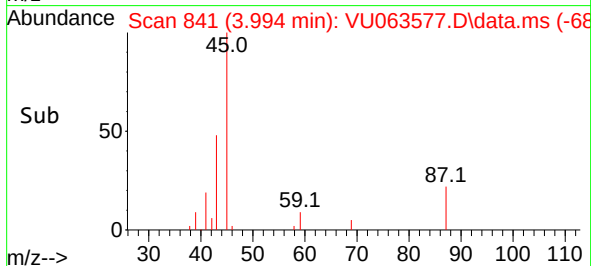
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



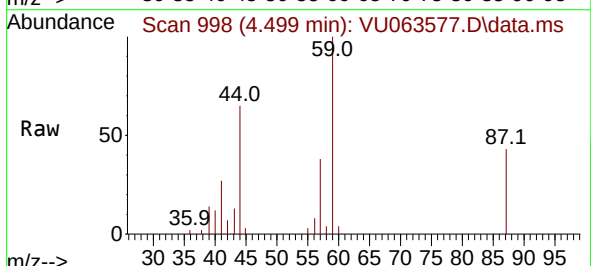
Tgt Ion: 45 Resp: 18336
Ion Ratio Lower Upper
45 100
43 57.0 26.2 78.6

Manual Integrations
APPROVED

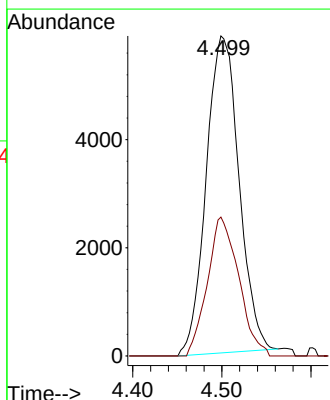
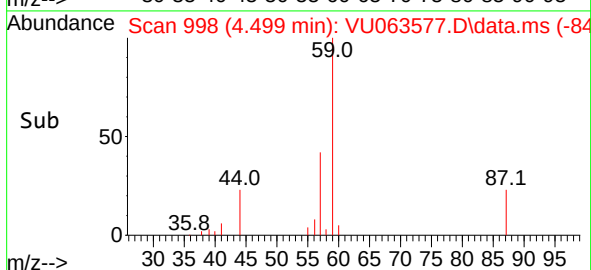
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

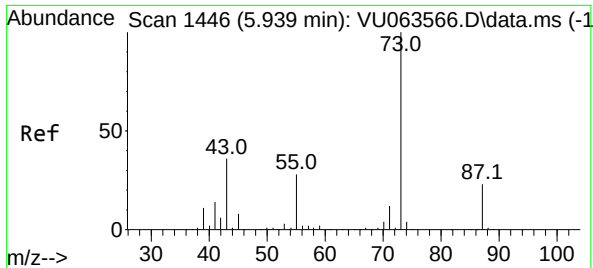


#32
Ethyl-t-butyl ether
Concen: 0.496 ug/l
RT: 4.499 min Scan# 998
Delta R.T. -0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12



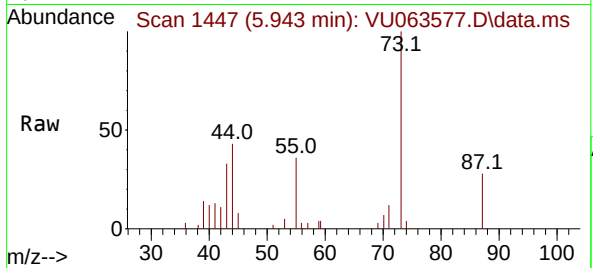
Tgt Ion: 59 Resp: 14991
Ion Ratio Lower Upper
59 100
87 41.8 31.2 46.8





#33
Tert-Amyl methyl ether
Concen: 0.464 ug/l
RT: 5.943 min Scan# 1446
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

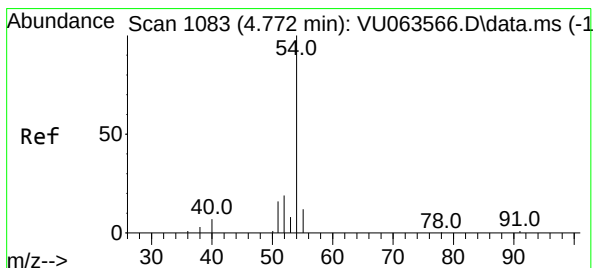
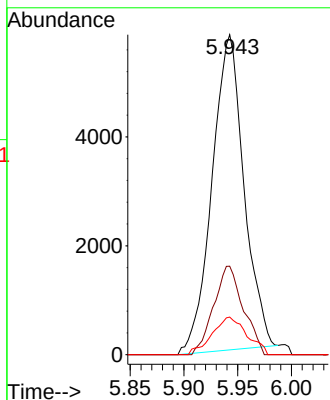
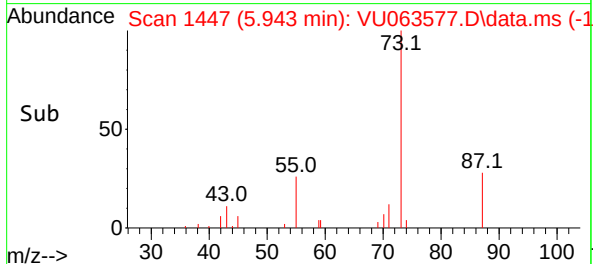
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 73 Resp: 11962
Ion Ratio Lower Upper
73 100
87 26.0 19.0 28.6
71 13.0 9.4 14.2

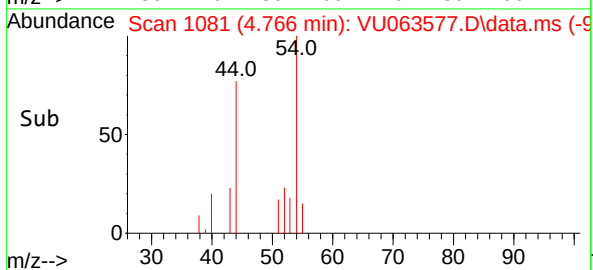
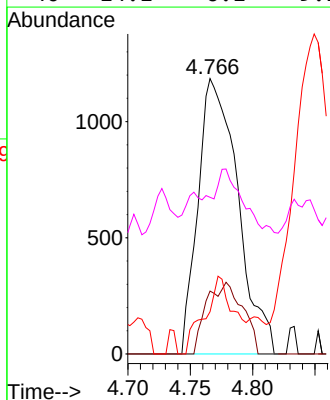
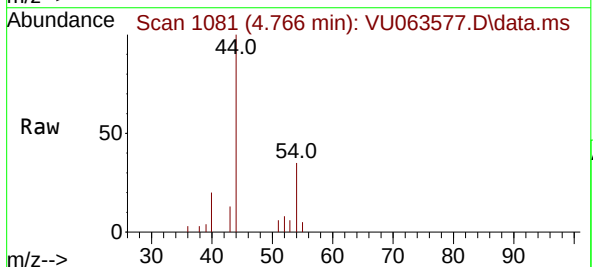
Manual Integrations
APPROVED

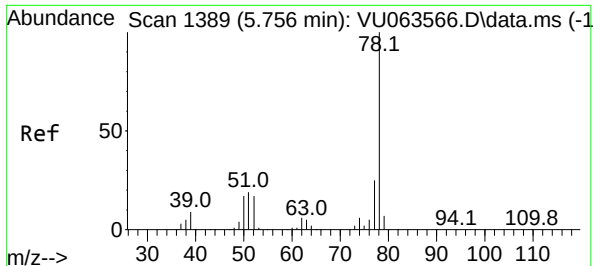
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#34
Propionitrile
Concen: 2.658 ug/l
RT: 4.766 min Scan# 1081
Delta R.T. -0.006 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

Tgt Ion: 54 Resp: 2625
Ion Ratio Lower Upper
54 100
52 23.8 15.2 22.8#
55 21.0 11.7 17.5#
40 14.1 6.1 9.1#





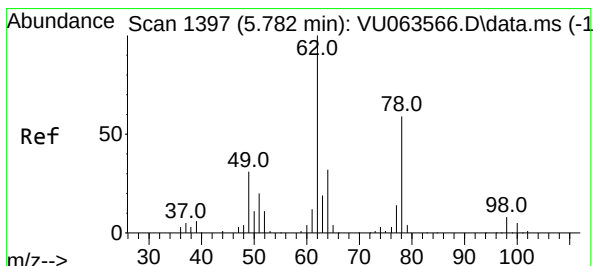
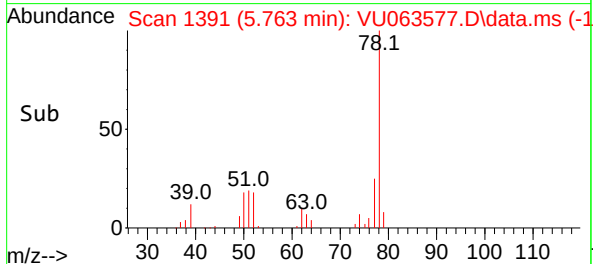
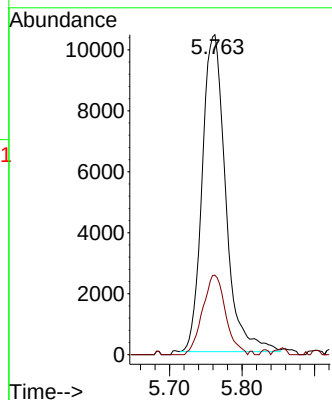
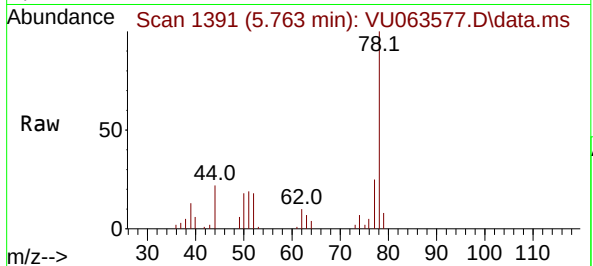
#35
Benzene
Concen: 0.538 ug/l
RT: 5.763 min Scan# 1389
Delta R.T. 0.006 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

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

Tgt Ion: 78 Resp: 2335
Ion Ratio Lower Upper
78 100
77 25.1 19.8 29.8

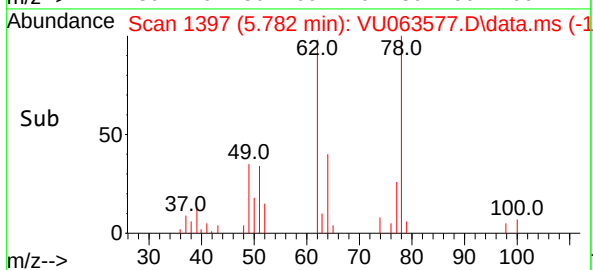
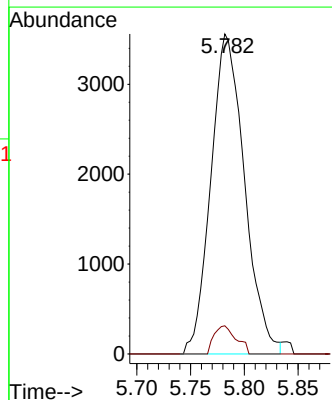
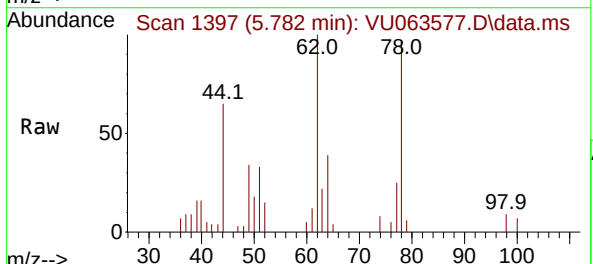
Manual Integrations
APPROVED

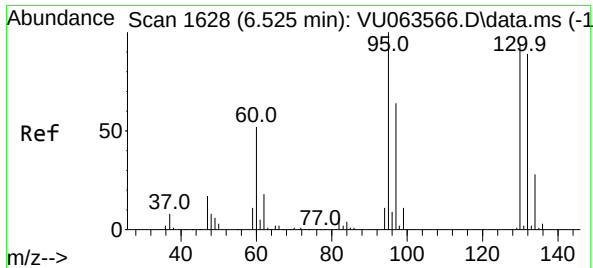
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#36
1,2-Dichloroethane
Concen: 0.528 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

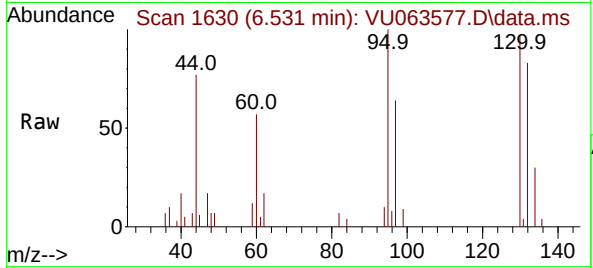
Tgt Ion: 62 Resp: 7738
Ion Ratio Lower Upper
62 100
98 5.8 6.3 9.5#





#37
Trichloroethene
Concen: 0.522 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

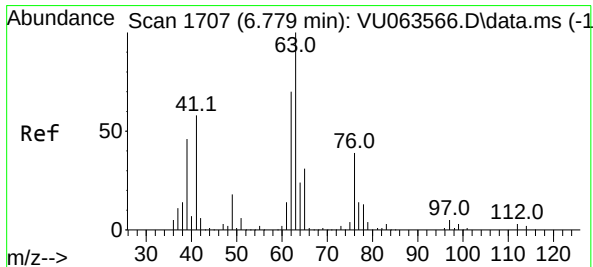
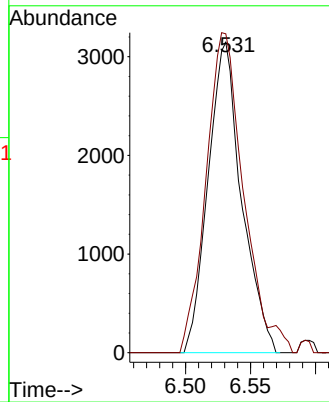
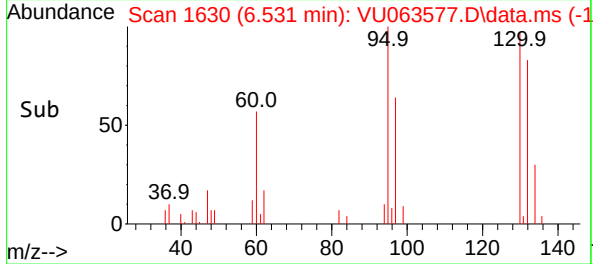
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



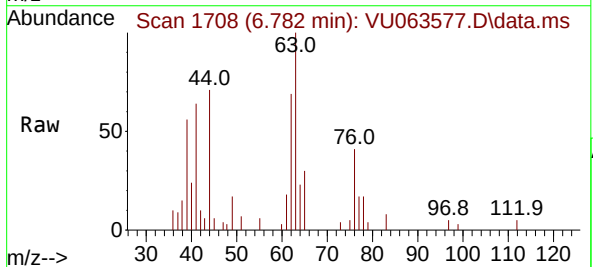
Tgt Ion:130 Resp: 564
Ion Ratio Lower Upper
130 100
95 102.7 85.4 128.2

Manual Integrations
APPROVED

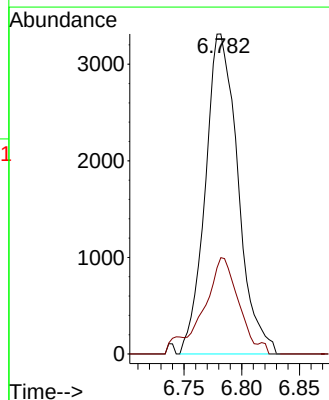
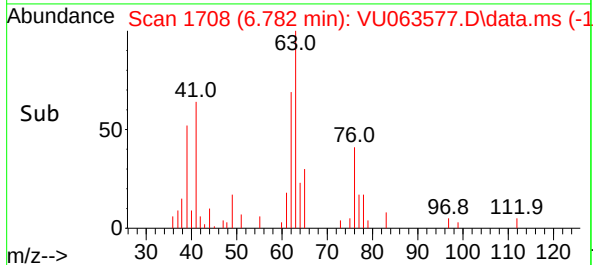
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

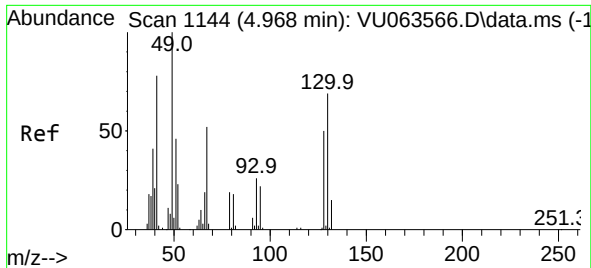


#38
1,2-Dichloropropane
Concen: 0.565 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12



Tgt Ion: 63 Resp: 6507
Ion Ratio Lower Upper
63 100
65 30.1 24.9 37.3





#39

Methacrylonitrile

Concen: 0.583 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU063577.D

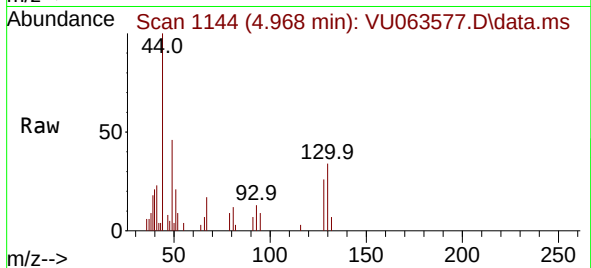
Acq: 15 Sep 2025 14:12

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 41 Resp: 2710

Ion Ratio Lower Upper

41 100

67 56.7 57.7 86.5

39 69.7 44.6 67.0

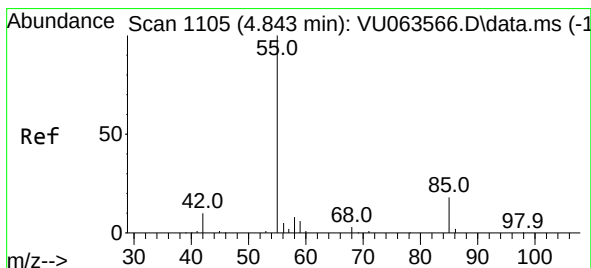
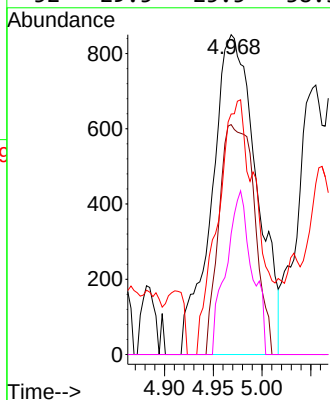
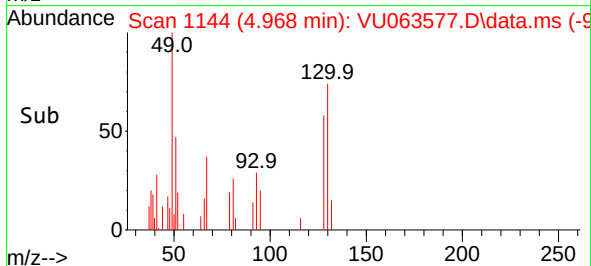
52 29.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#40

Methyl acrylate

Concen: 0.539 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

Tgt Ion: 55 Resp: 3447

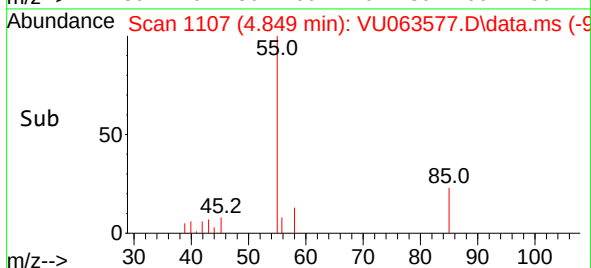
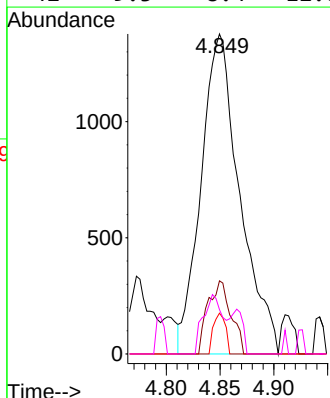
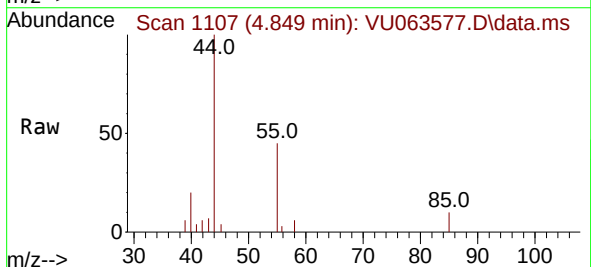
Ion Ratio Lower Upper

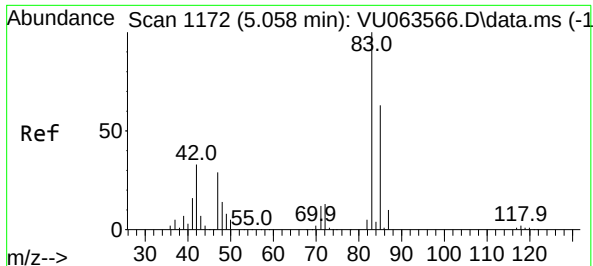
55 100

85 13.6 12.8 19.2

58 3.9 6.6 10.0

42 9.3 8.4 12.6





#41

Tetrahydrofuran

Concen: 1.270 ug/l m

RT: 5.058 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

Instrument :

MSVOA_U

ClientSampleId :

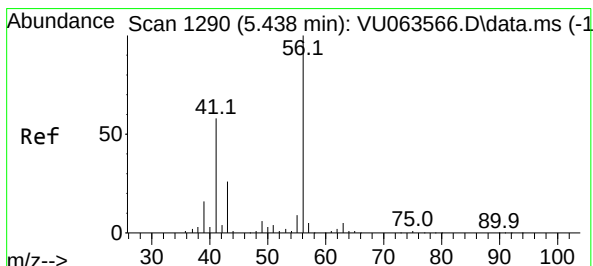
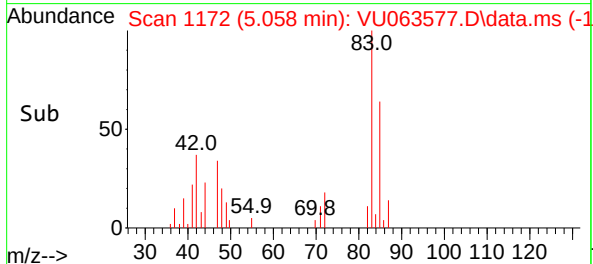
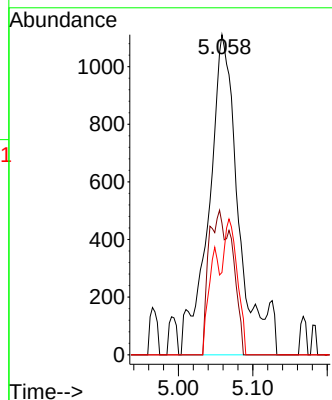
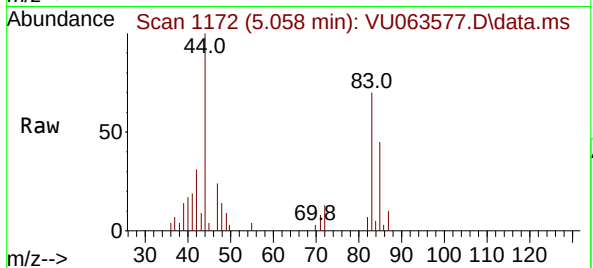
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 42	Resp: 308
Ion Ratio	Lower Upper
42	100
72	35.9 34.1 51.1
71	11.8 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: 0.513 ug/l

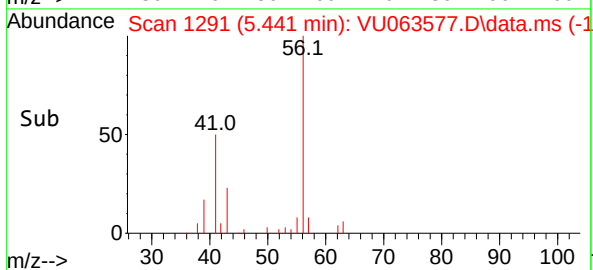
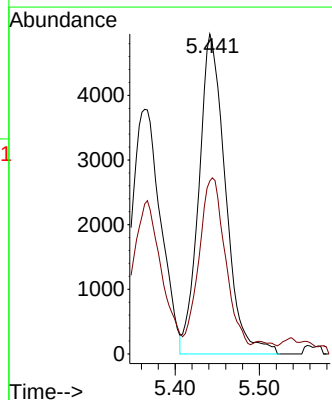
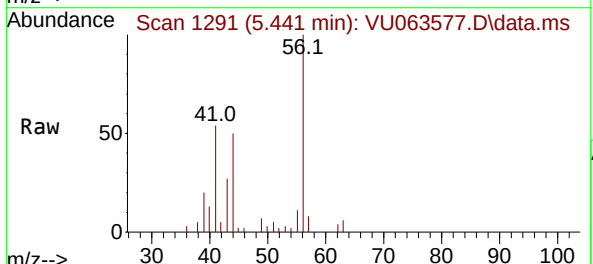
RT: 5.441 min Scan# 1291

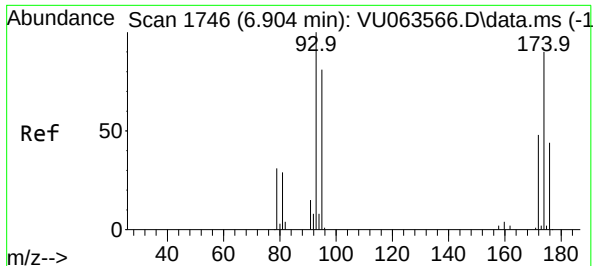
Delta R.T. 0.003 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

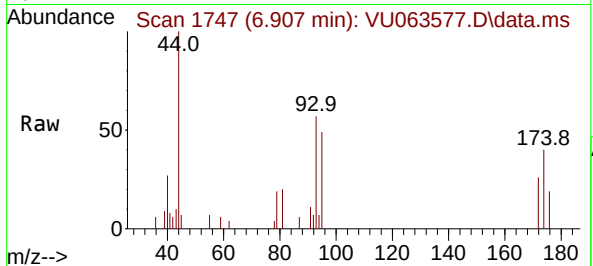
Tgt Ion: 56	Resp: 10855
Ion Ratio	Lower Upper
56	100
41	51.4 28.3 84.9





#43
Dibromomethane
Concen: 0.514 ug/l
RT: 6.907 min Scan# 1746
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

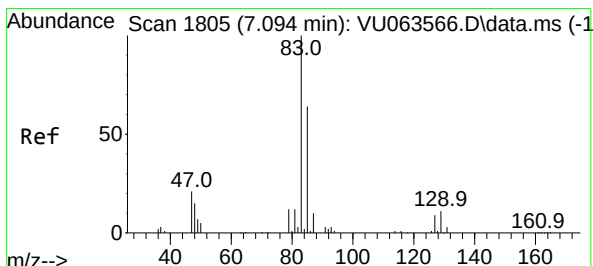
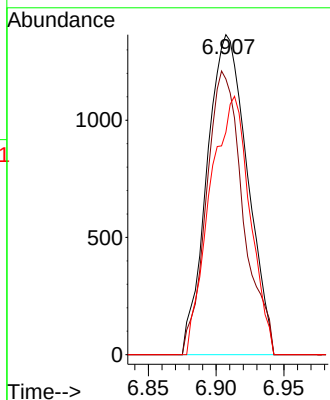
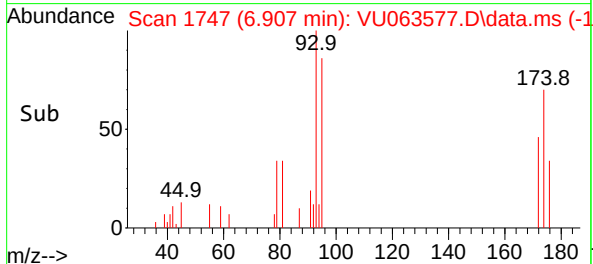
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



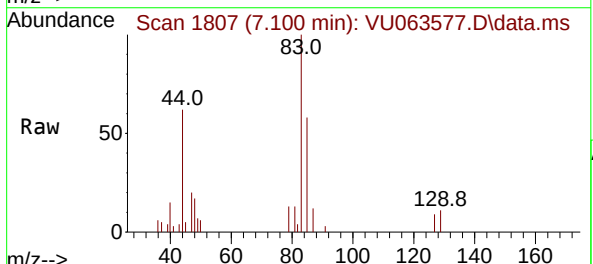
Tgt Ion: 93 Resp: 283
Ion Ratio Lower Upper
93 100
95 80.5 66.6 100.0
174 79.7 72.7 109.1

Manual Integrations
APPROVED

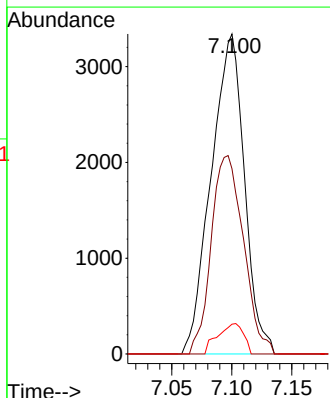
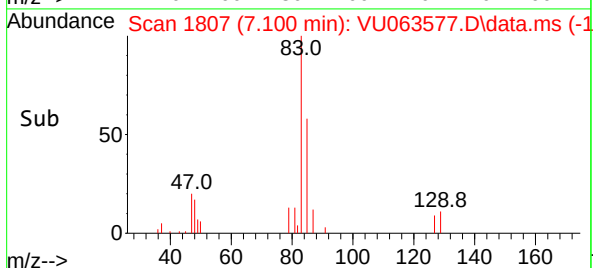
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

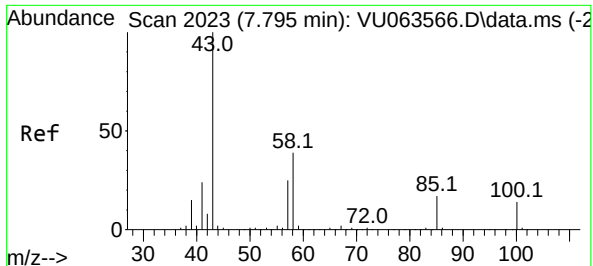


#44
Bromodichloromethane
Concen: 0.546 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12



Tgt Ion: 83 Resp: 6434
Ion Ratio Lower Upper
83 100
85 57.9 51.2 76.8
127 9.3 6.9 10.3





#45

4-Methyl-2-Pentanone

Concen: 3.383 ug/l

RT: 7.795 min Scan# 2023

Delta R.T. -0.000 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

Instrument :

MSVOA_U

ClientSampleId :

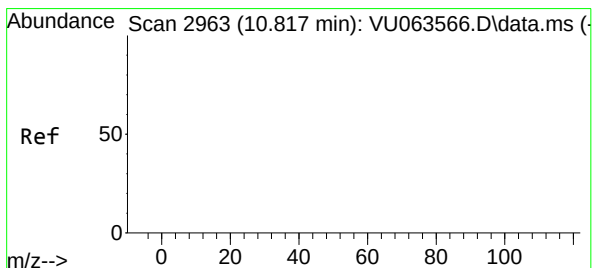
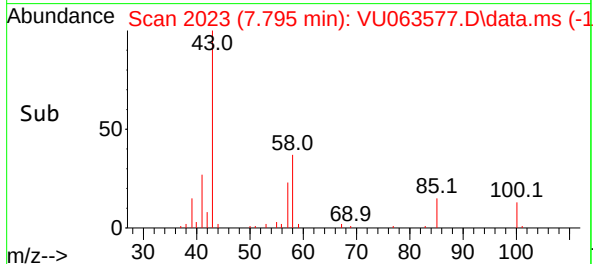
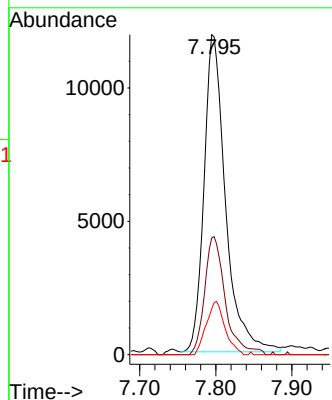
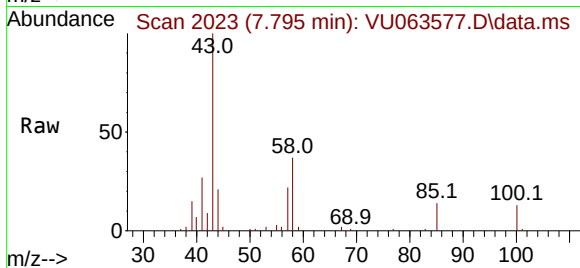
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	43	Resp:	23370
Ion	Ratio	Lower	Upper
43	100		
58	35.7	18.9	56.9
85	14.5	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: 0.507 ug/l m

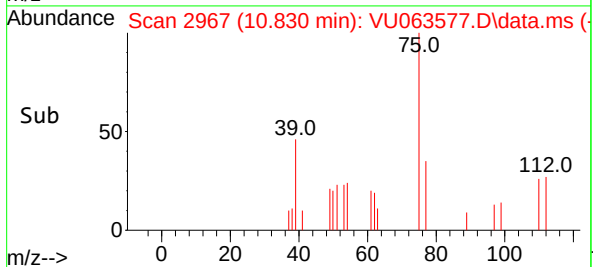
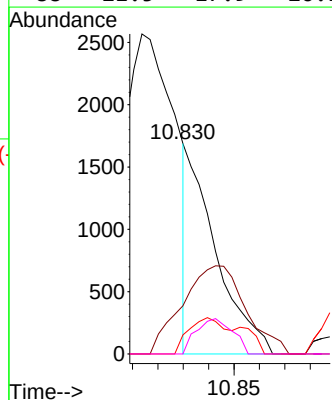
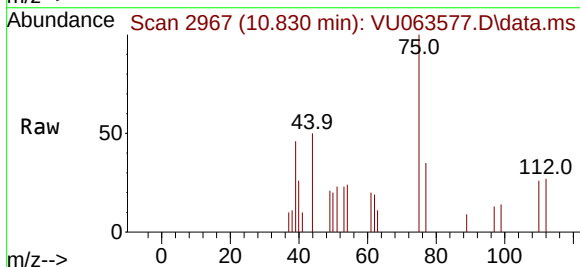
RT: 10.830 min Scan# 2967

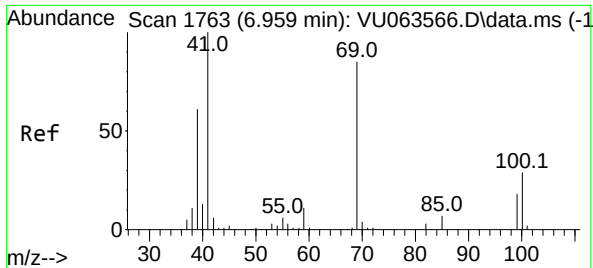
Delta R.T. 0.013 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

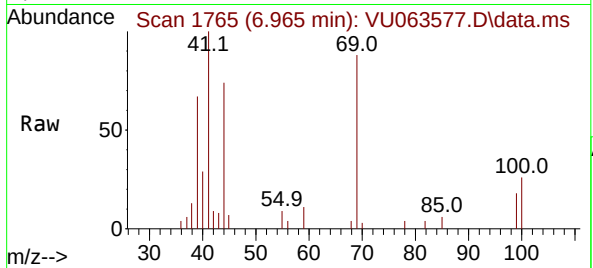
Tgt Ion:	75	Resp:	1310
Ion	Ratio	Lower	Upper
75	100		
53	93.4	43.2	64.8#
89	31.3	21.9	32.9
88	21.5	17.9	26.9





#47
Methyl methacrylate
Concen: 1.117 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

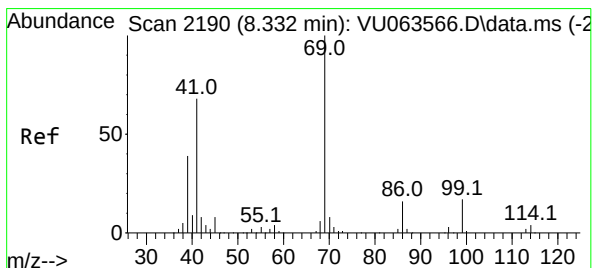
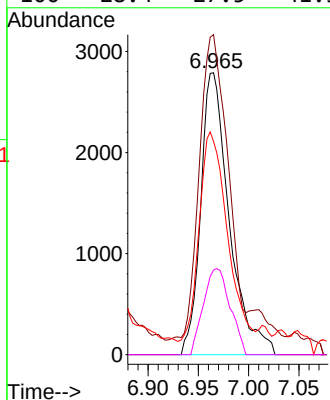
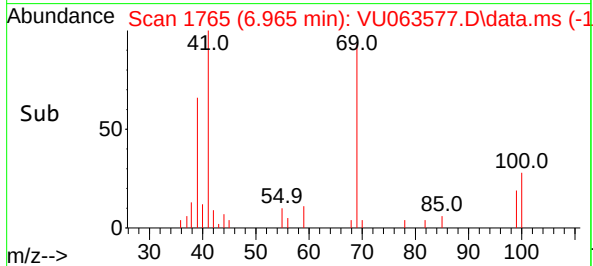
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 69 Resp: 5512
Ion Ratio Lower Upper
69 100
41 105.1 0.0 236.8
39 71.9 57.8 86.6
100 28.4 27.5 41.3

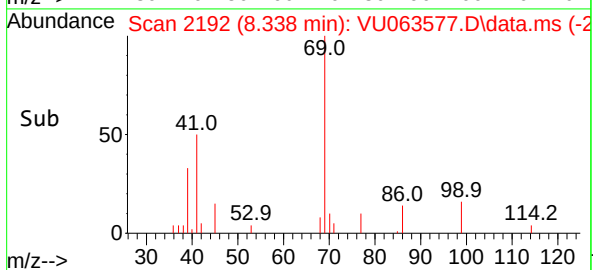
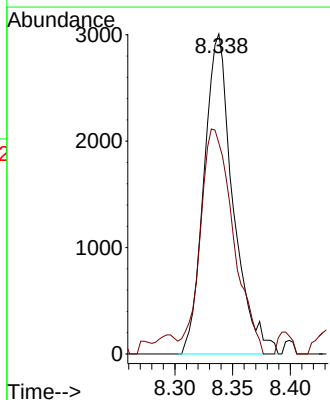
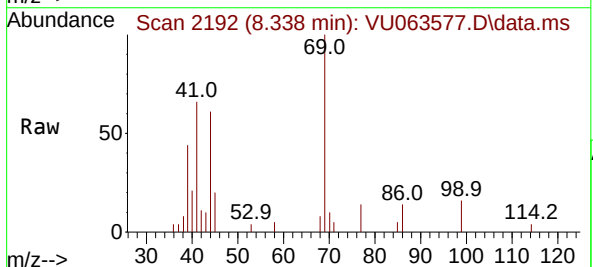
Manual Integrations
APPROVED

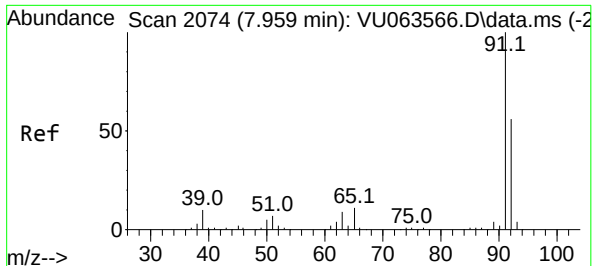
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#48
Ethyl methacrylate
Concen: 0.573 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.006 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

Tgt Ion: 69 Resp: 5249
Ion Ratio Lower Upper
69 100
41 80.1 33.7 101.1





#49

Toluene

Concen: 0.585 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 92 Resp: 13780

Ion Ratio Lower Upper

92 100

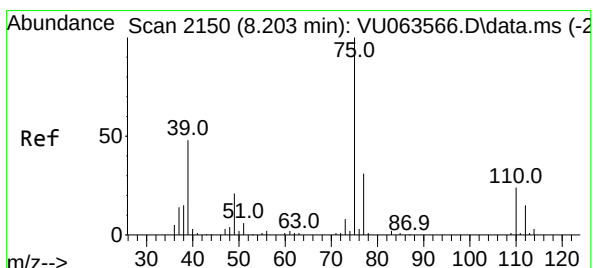
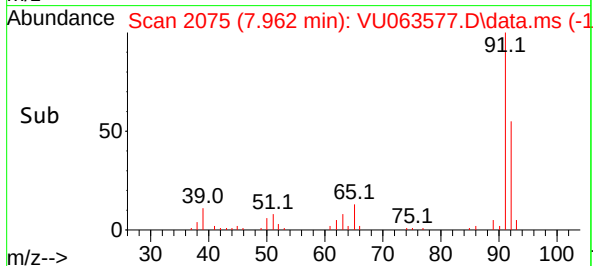
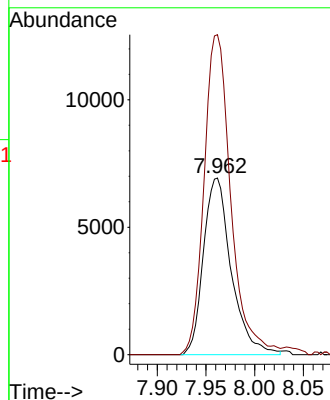
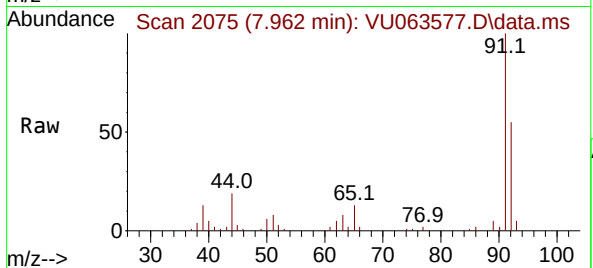
91 174.2 139.4 209.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#50

t-1,3-Dichloropropene

Concen: 0.568 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU063577.D

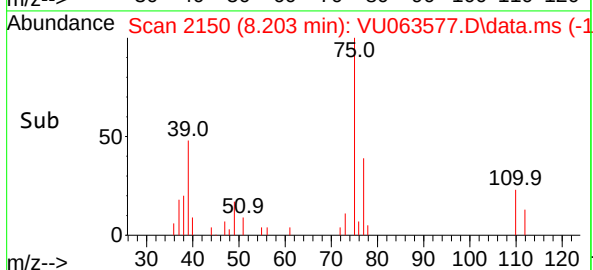
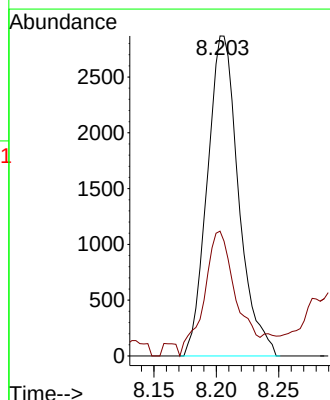
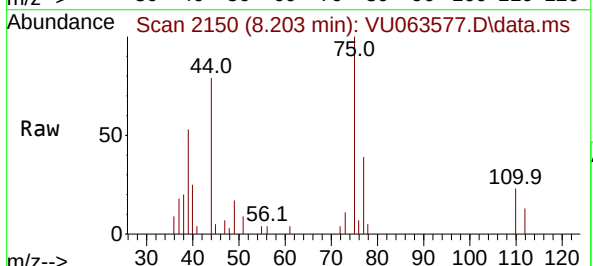
Acq: 15 Sep 2025 14:12

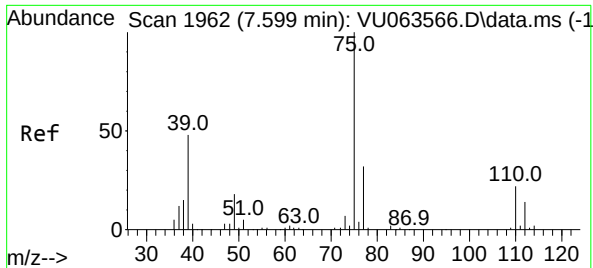
Tgt Ion: 75 Resp: 5014

Ion Ratio Lower Upper

75 100

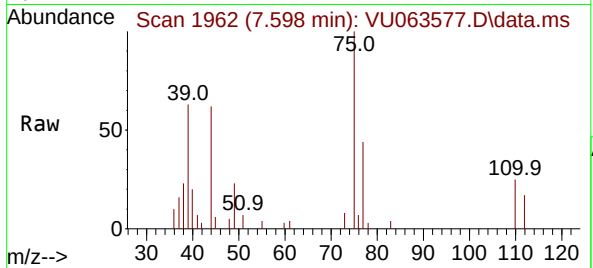
77 39.0 24.8 37.2#





#51
 cis-1,3-Dichloropropene
 Concen: 0.509 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU063577.D
 Acq: 15 Sep 2025 14:12

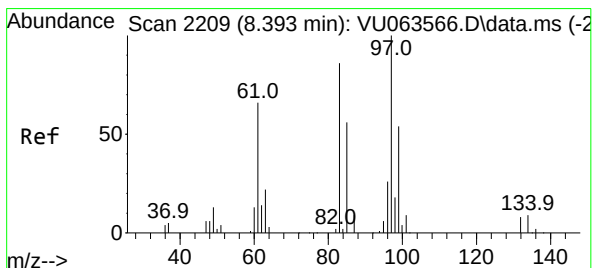
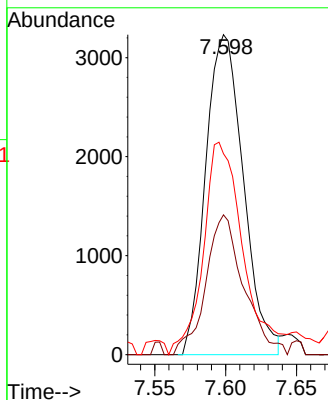
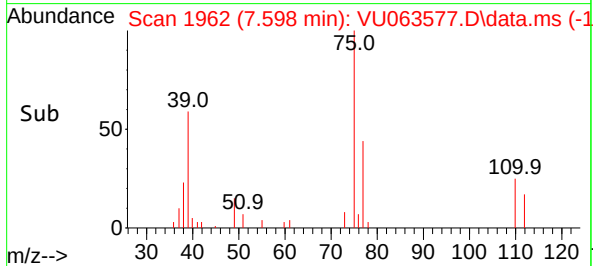
Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 75 Resp: 5982
 Ion Ratio Lower Upper
 75 100
 77 40.5 25.2 37.8
 39 58.6 38.8 58.2

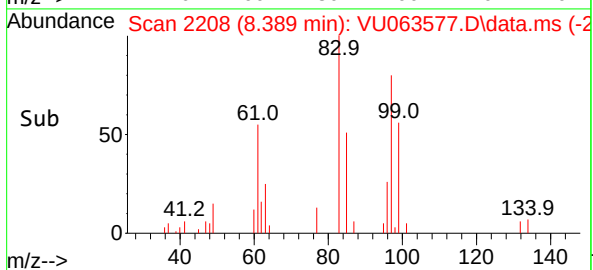
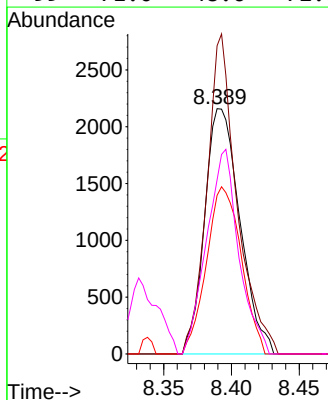
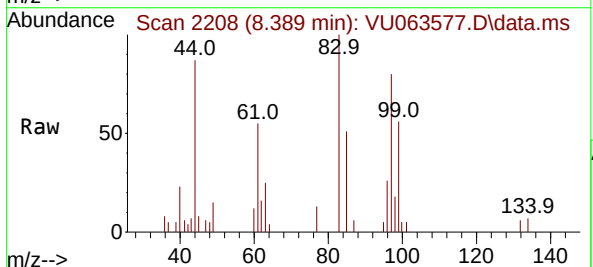
Manual Integrations
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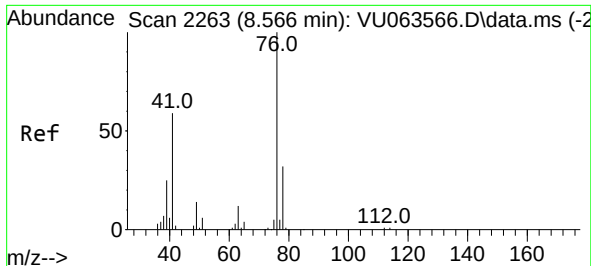
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.501 ug/l
 RT: 8.389 min Scan# 2208
 Delta R.T. -0.003 min
 Lab File: VU063577.D
 Acq: 15 Sep 2025 14:12

Tgt Ion: 97 Resp: 3913
 Ion Ratio Lower Upper
 97 100
 83 125.6 68.5 102.7
 85 64.6 45.0 67.6
 99 71.0 48.6 72.8





#53

1,3-Dichloropropane

Concen: 0.514 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 76 Resp: 697

Ion Ratio Lower Upper

76 100

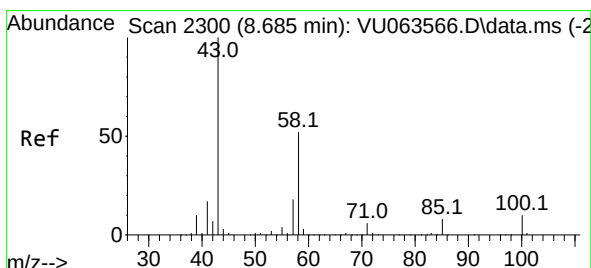
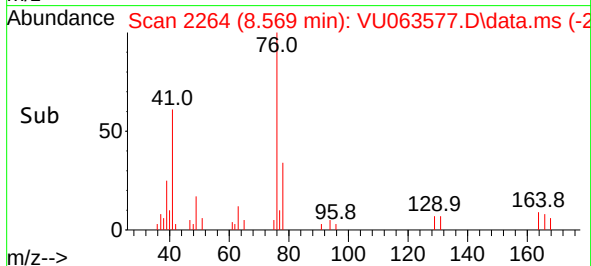
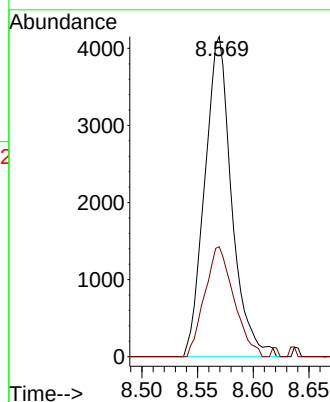
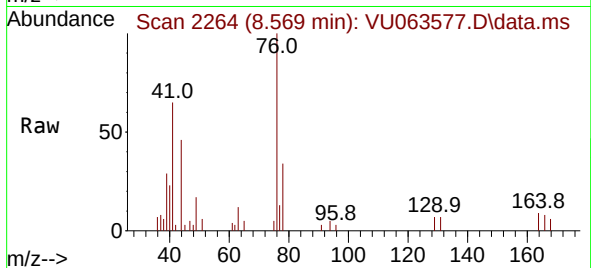
78 37.3 26.2 39.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#54

2-Hexanone

Concen: 3.363 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.006 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

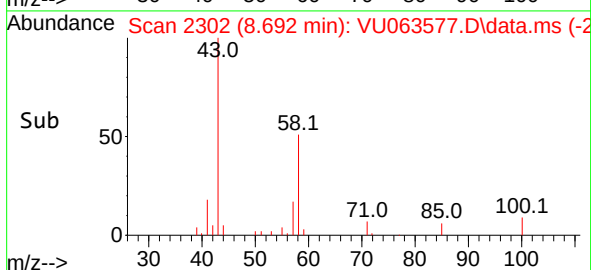
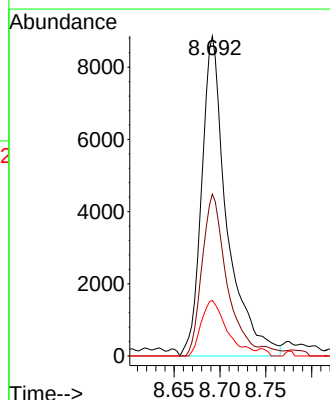
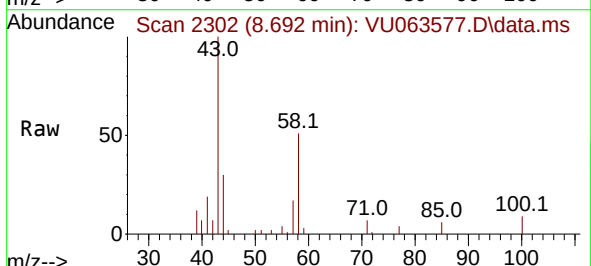
Tgt Ion: 43 Resp: 16981

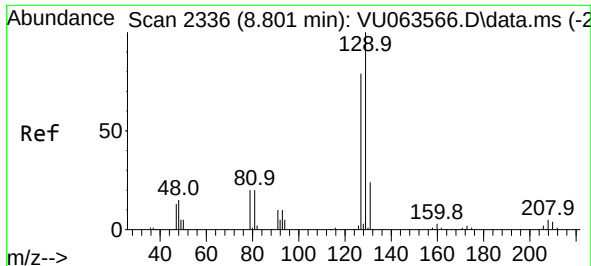
Ion Ratio Lower Upper

43 100

58 49.4 32.7 72.7

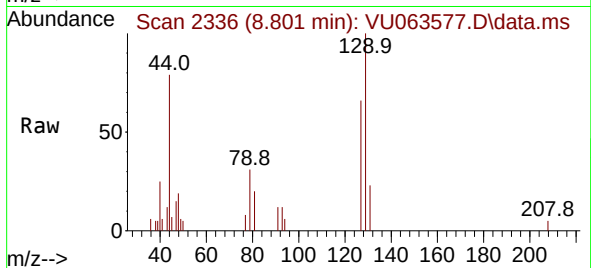
57 17.7 0.0 38.2





#55
Dibromochloromethane
Concen: 0.449 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

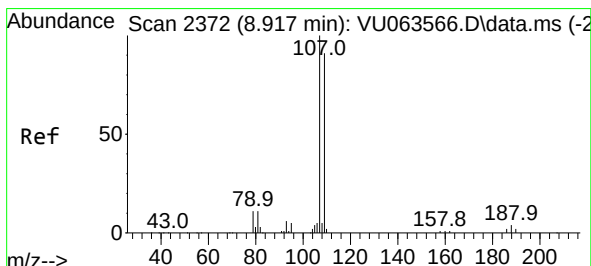
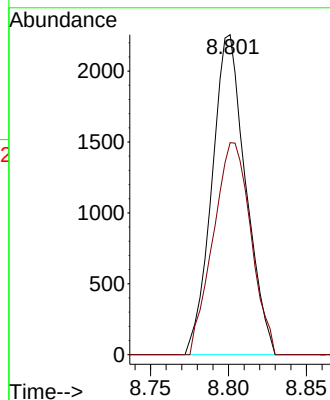
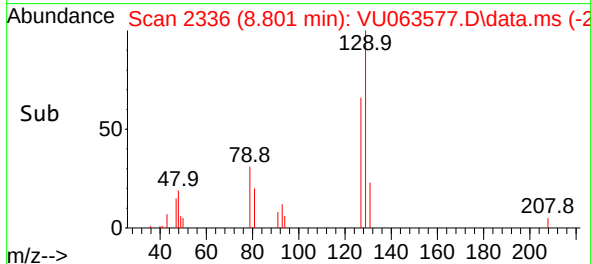
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



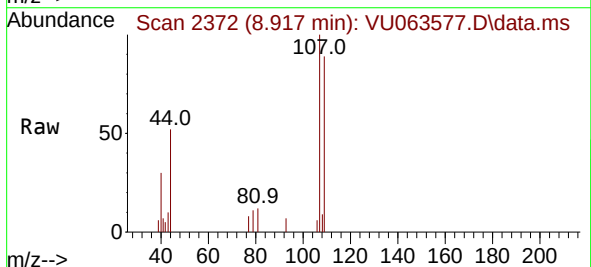
Tgt Ion:129 Resp: 3398
Ion Ratio Lower Upper
129 100
127 73.9 61.9 92.9

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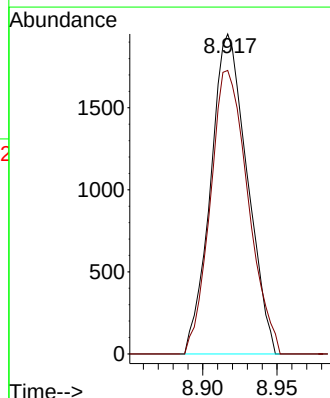
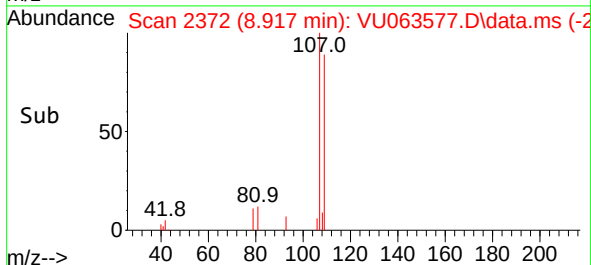
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

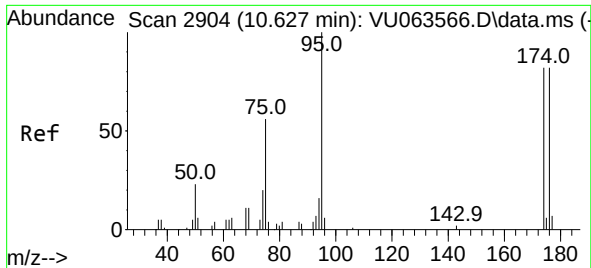


#56
1,2-Dibromoethane
Concen: 0.495 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12



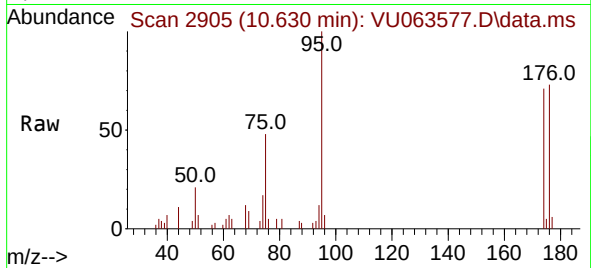
Tgt Ion:107 Resp: 3338
Ion Ratio Lower Upper
107 100
109 91.5 0.0 183.6





#57
4-Bromofluorobenzene
Concen: 0.939 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

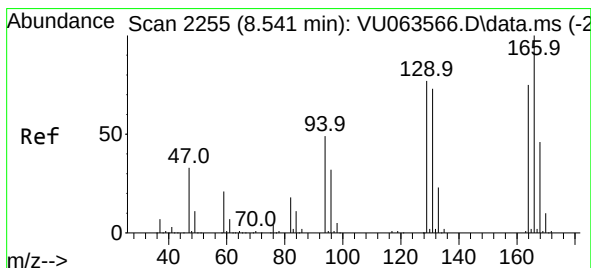
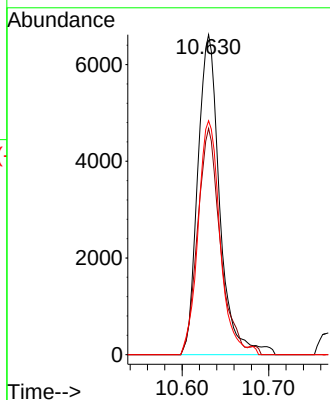
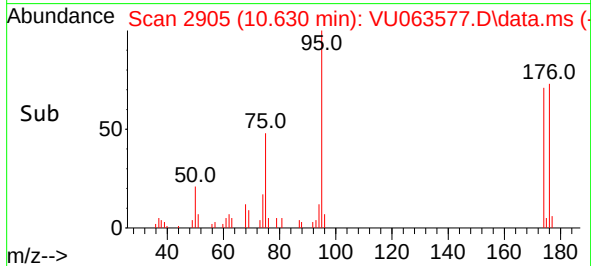
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 95 Resp: 1161
Ion Ratio Lower Upper
95 100
174 72.9 64.7 97.1
176 72.9 66.2 99.4

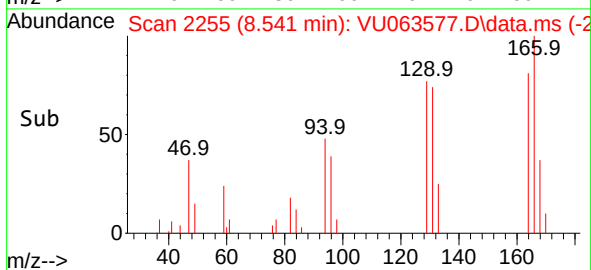
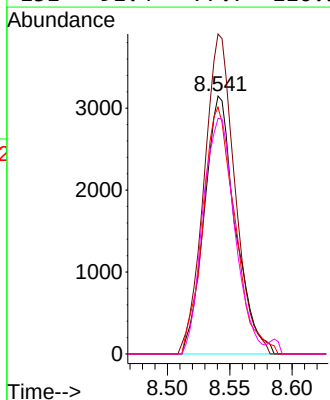
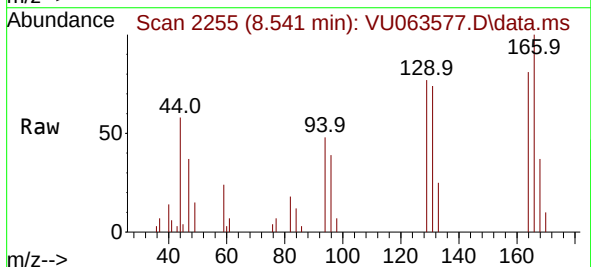
Manual Integrations
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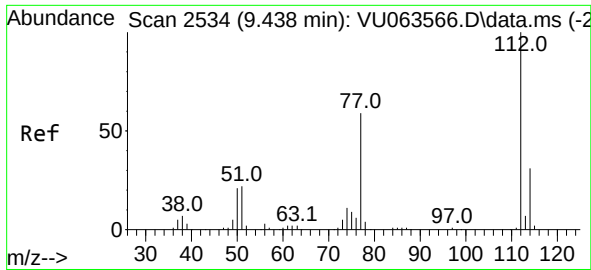
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#58
Tetrachloroethene
Concen: 0.514 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

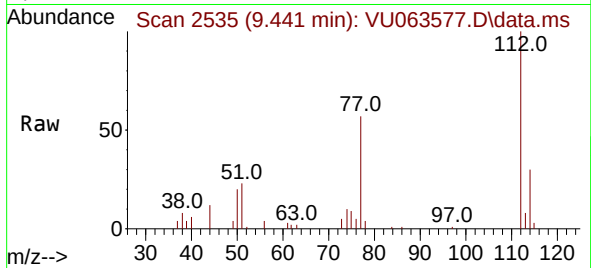
Tgt Ion:164 Resp: 5473
Ion Ratio Lower Upper
164 100
166 124.1 106.4 159.6
129 95.7 81.4 122.2
131 91.4 77.7 116.5





#59
Chlorobenzene
Concen: 0.527 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

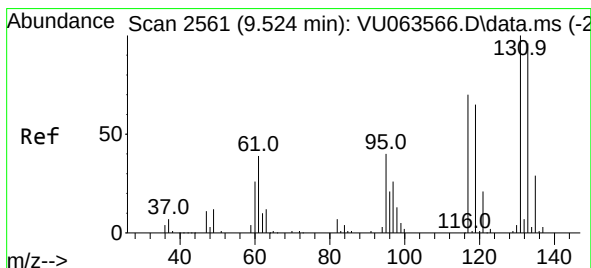
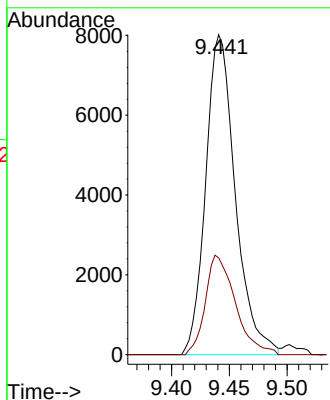
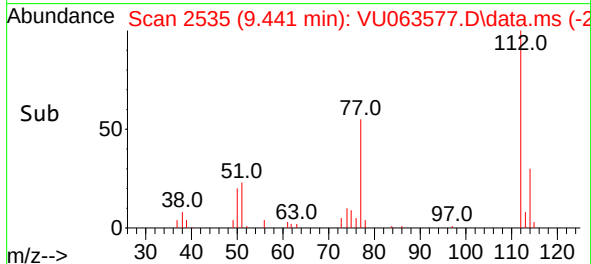
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



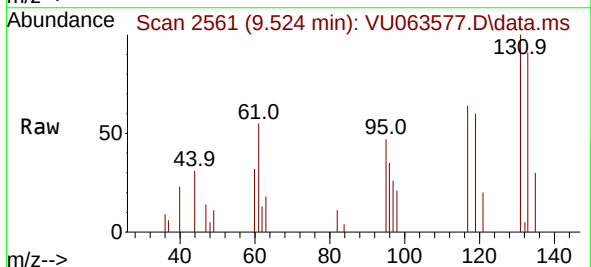
Tgt Ion:112 Resp: 1431
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4

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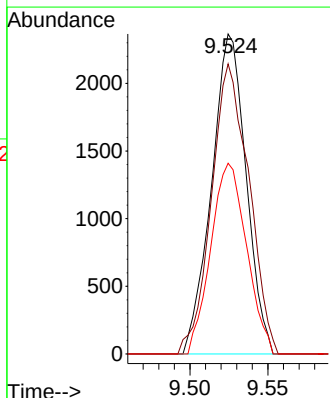
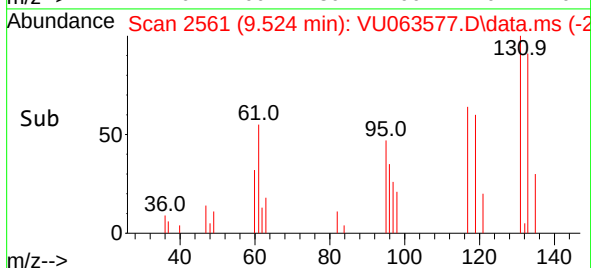
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

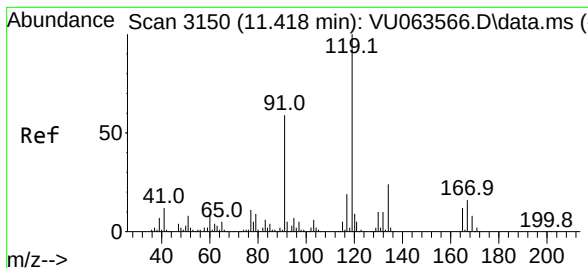


#60
1,1,1,2-Tetrachloroethane
Concen: 0.411 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12



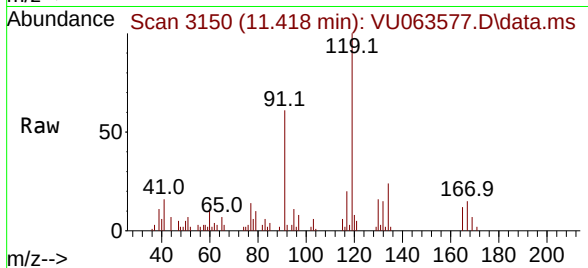
Tgt Ion:131 Resp: 3646
Ion Ratio Lower Upper
131 100
133 98.2 75.8 113.8
119 61.7 51.8 77.6





#61
Pentachloroethane
Concen: 0.461 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

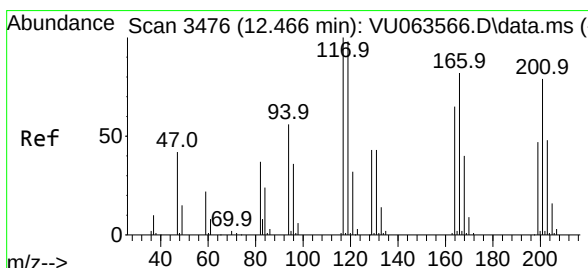
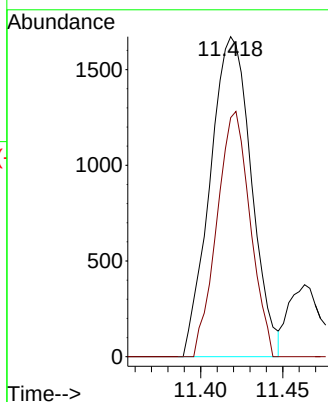
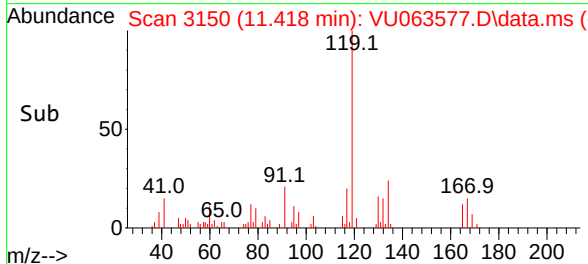
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



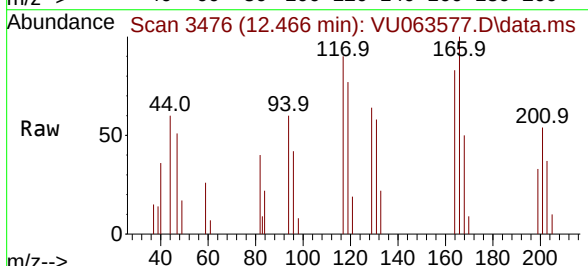
Tgt Ion:117 Resp: 293
Ion Ratio Lower Upper
117 100
167 61.5 62.6 93.8

Manual Integrations
APPROVED

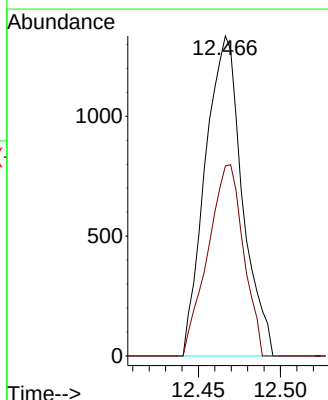
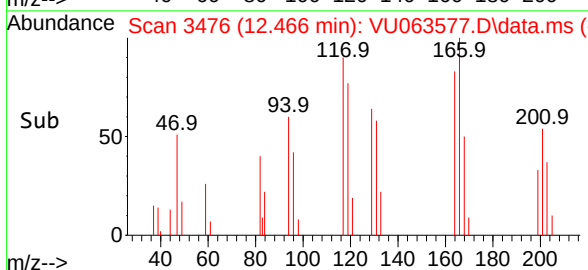
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

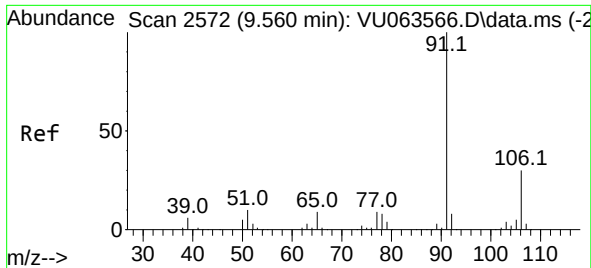


#62
Hexachloroethane
Concen: 0.379 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12



Tgt Ion:117 Resp: 2094
Ion Ratio Lower Upper
117 100
201 57.3 61.0 91.6





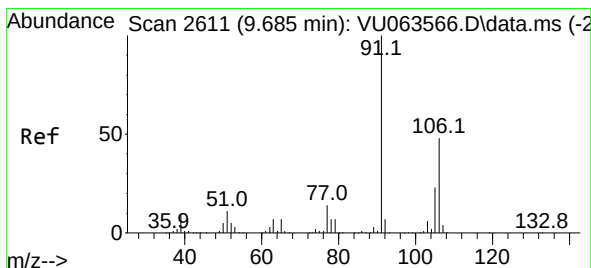
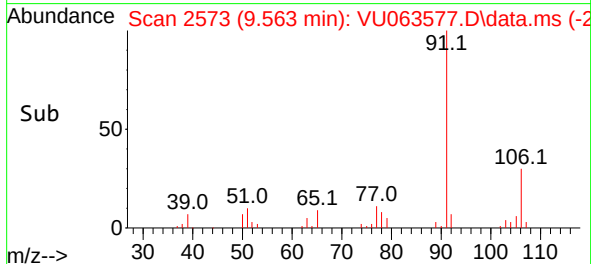
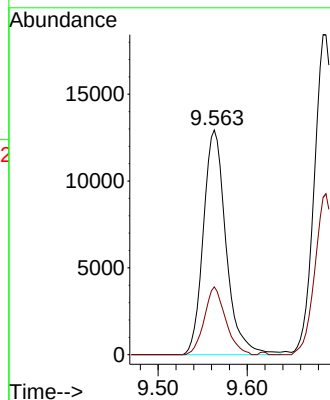
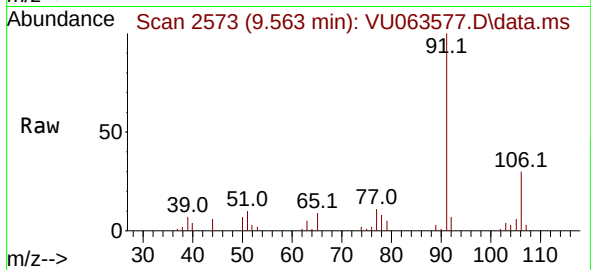
#63
Ethyl Benzene
Concen: 0.493 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

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

Tgt Ion: 91 Resp: 22879
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.8

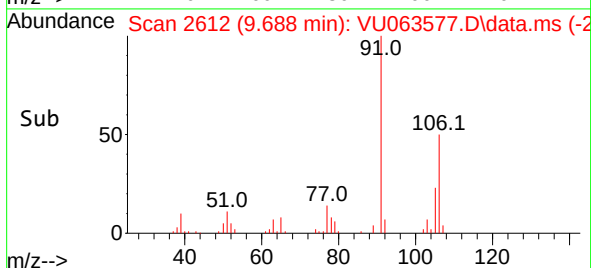
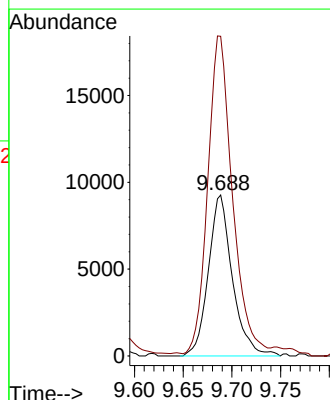
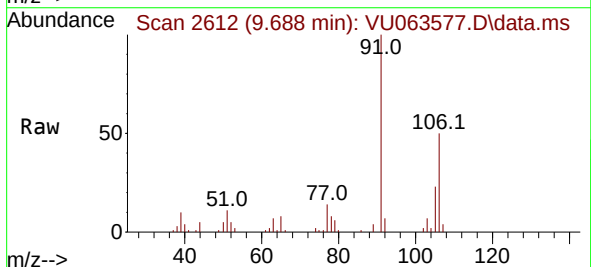
Manual Integrations
APPROVED

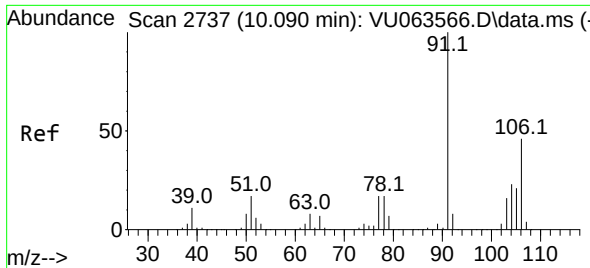
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#64
m/p-Xylenes
Concen: 0.892 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

Tgt Ion:106 Resp: 15906
Ion Ratio Lower Upper
106 100
91 202.0 167.0 250.4





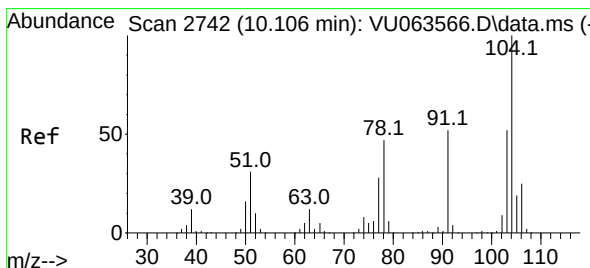
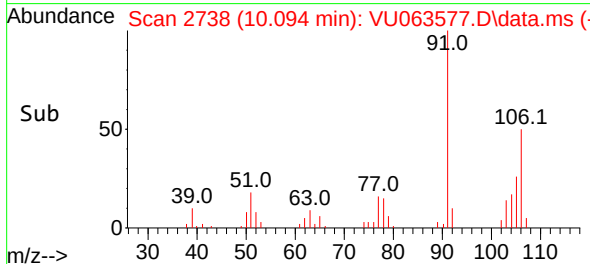
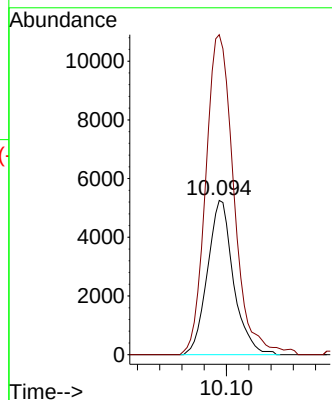
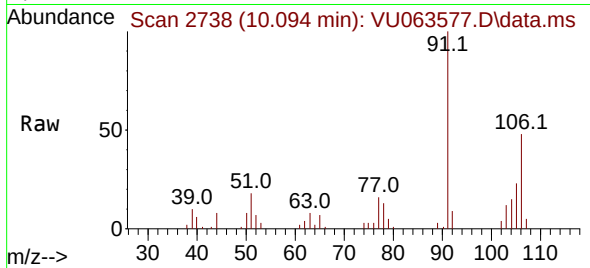
#65
o-Xylene
Concen: 0.478 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

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

Tgt Ion:106 Resp: 8520
Ion Ratio Lower Upper
106 100
91 224.5 108.7 326.1

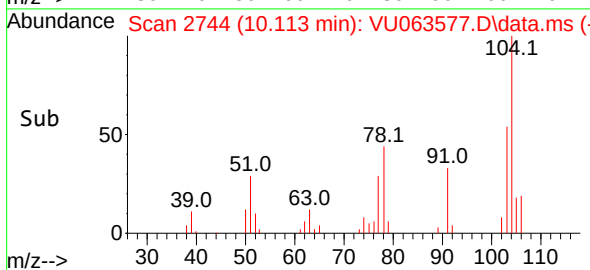
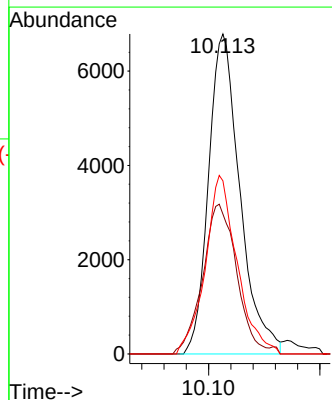
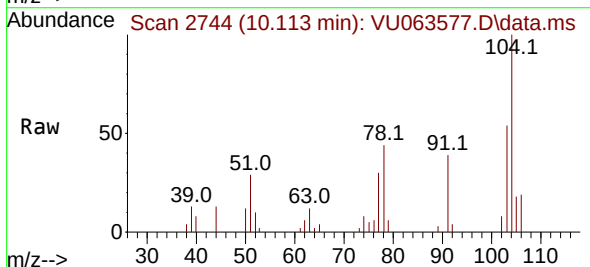
Manual Integrations
APPROVED

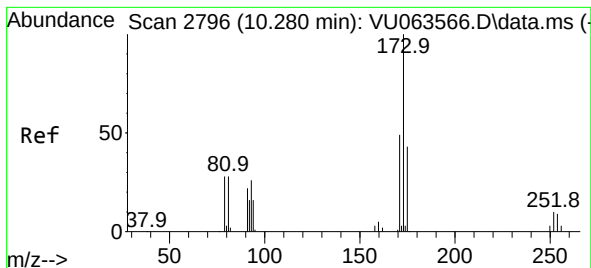
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#66
Styrene
Concen: 0.466 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

Tgt Ion:104 Resp: 13271
Ion Ratio Lower Upper
104 100
78 51.2 41.2 61.8
103 56.5 44.2 66.2





#67

Bromoform

Concen: 0.436 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

Instrument :

MSVOA_U

ClientSampleId :

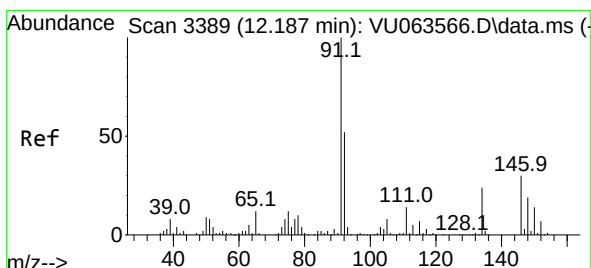
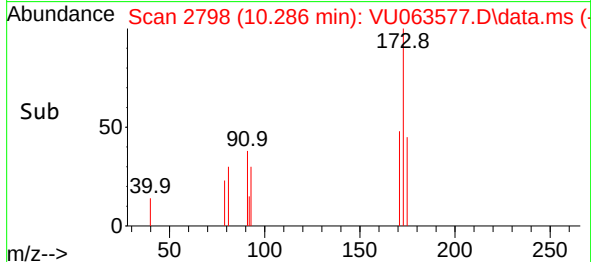
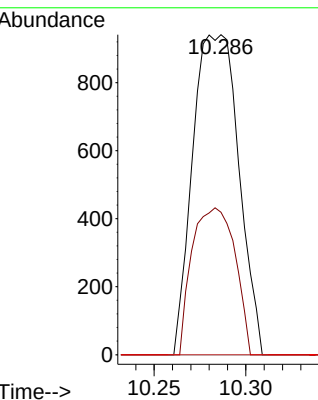
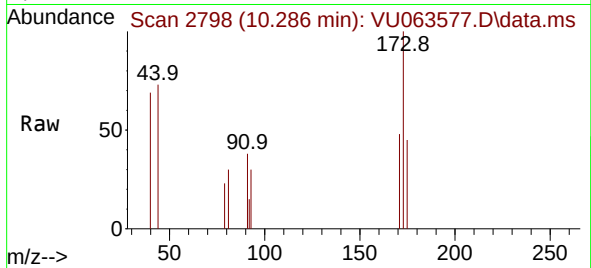
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	173	Resp:	164
Ion Ratio	Lower	Upper	
173	100		
175	42.7	37.0	55.6
254	0.0	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: 0.963 ug/l

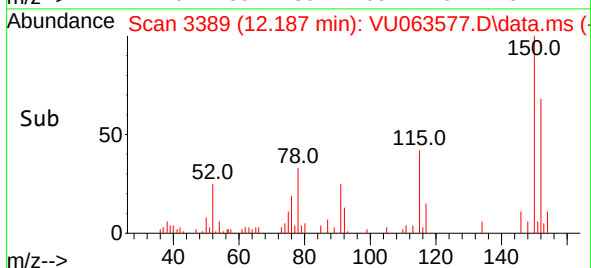
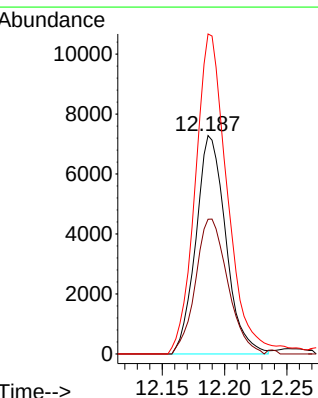
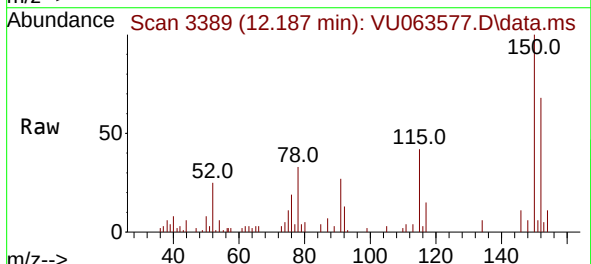
RT: 12.187 min Scan# 3389

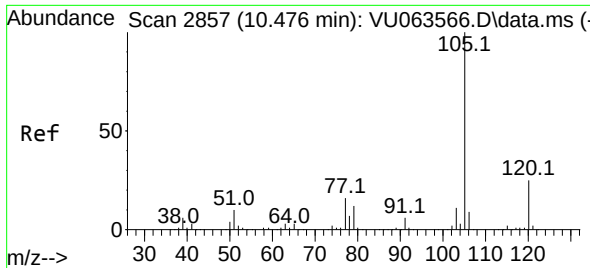
Delta R.T. -0.000 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

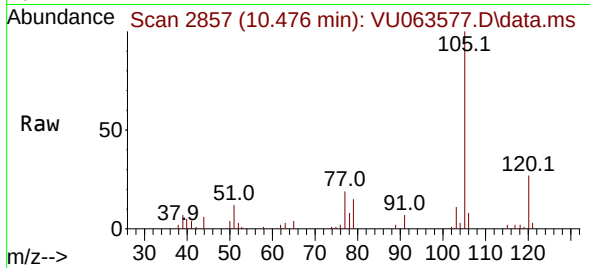
Tgt Ion:	152	Resp:	12144
Ion Ratio	Lower	Upper	
152	100		
115	66.4	0.0	260.6
150	158.9	0.0	661.8





#69
Isopropylbenzene
Concen: 0.467 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

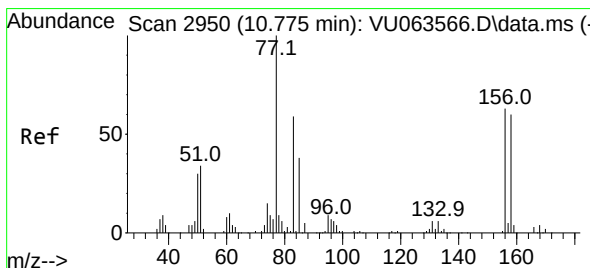
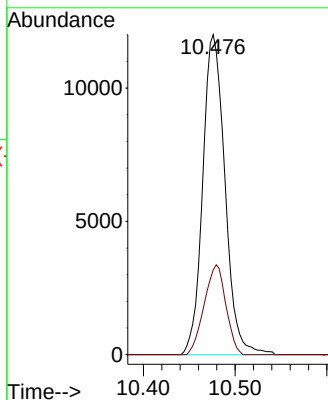
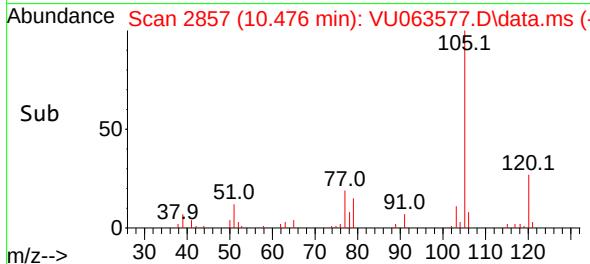
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



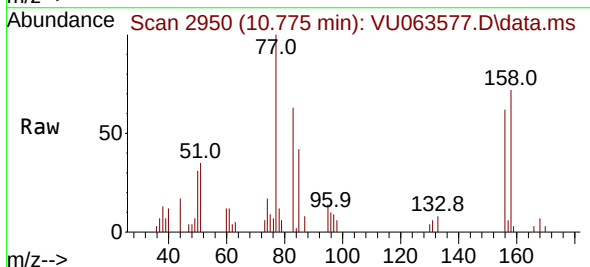
Tgt Ion:105 Resp: 2024
Ion Ratio Lower Upper
105 100
120 27.2 12.7 38.0

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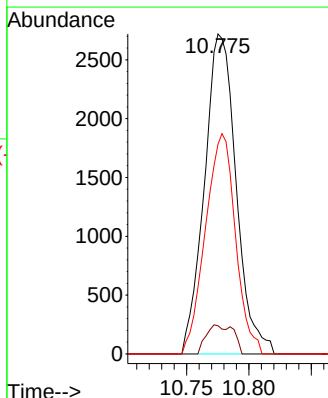
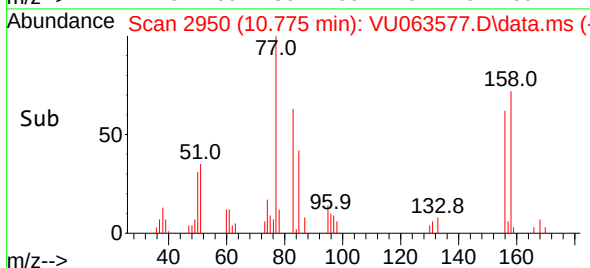
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

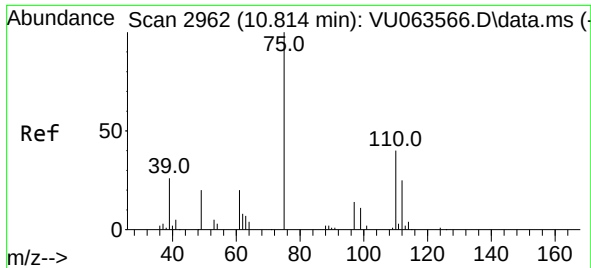


#70
1,1,2,2-Tetrachloroethane
Concen: 0.484 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12



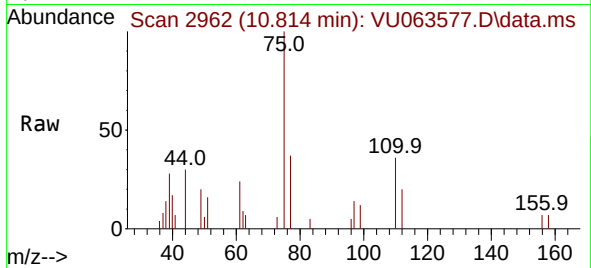
Tgt Ion: 83 Resp: 4811
Ion Ratio Lower Upper
83 100
131 7.7 7.7 11.5
85 65.2 52.2 78.4





#71
1,2,3-Trichloropropane
Concen: 0.580 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

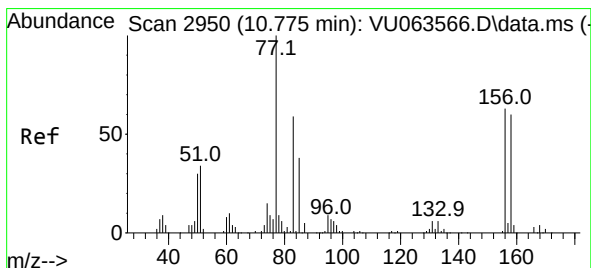
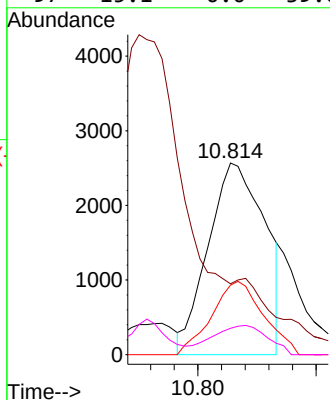
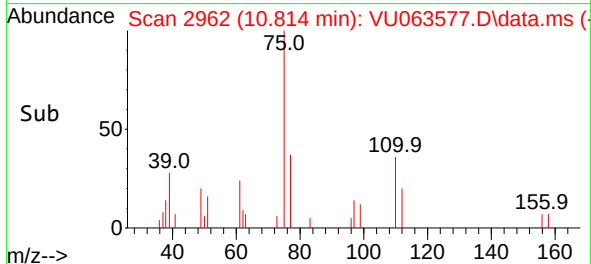
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



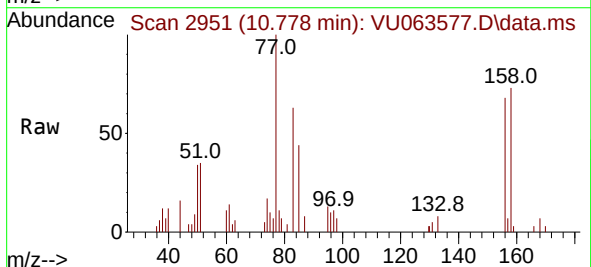
Tgt Ion: 75 Resp: 4274
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 35.0 0.0 77.6
97 15.1 0.0 39.6

Manual Integrations
APPROVED

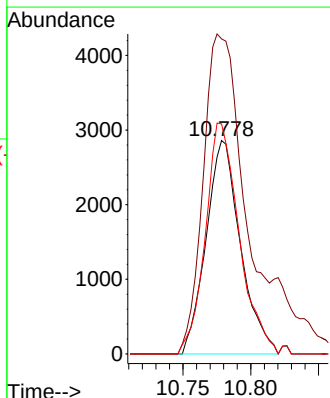
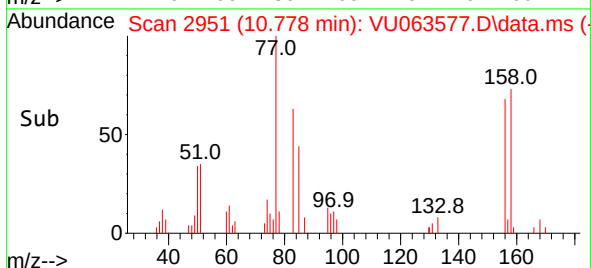
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

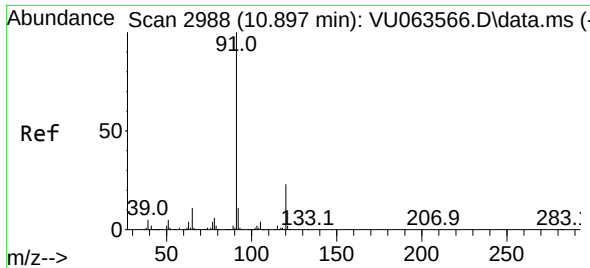


#72
Bromobenzene
Concen: 0.448 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12



Tgt Ion:156 Resp: 5034
Ion Ratio Lower Upper
156 100
77 175.2 0.0 323.0
158 106.4 0.0 195.4





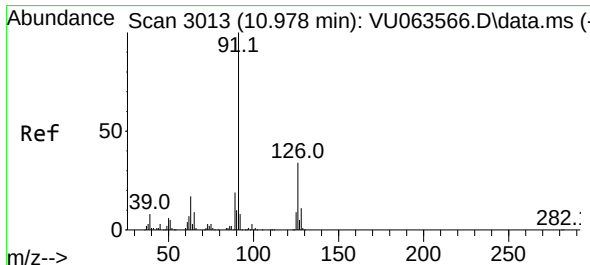
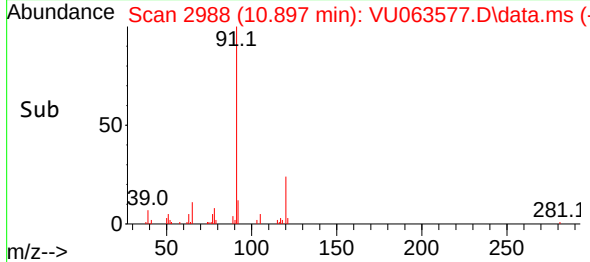
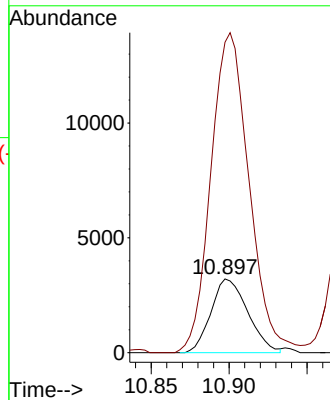
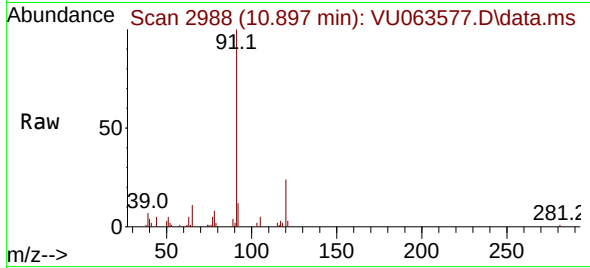
#73
n-propylbenzene
Concen: 0.421 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

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

Tgt Ion:120 Resp: 527
Ion Ratio Lower Upper
120 100
91 450.4 349.1 523.7

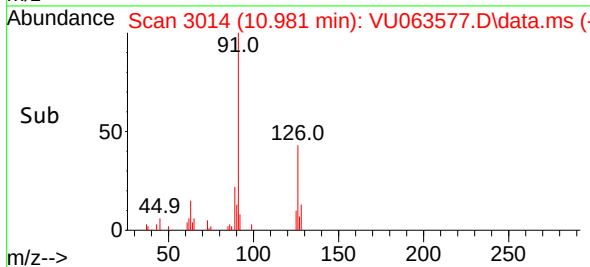
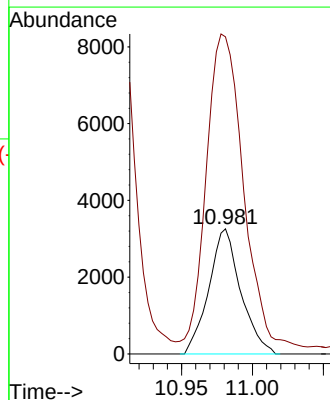
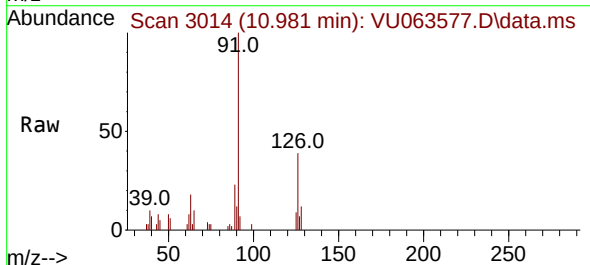
Manual Integrations
APPROVED

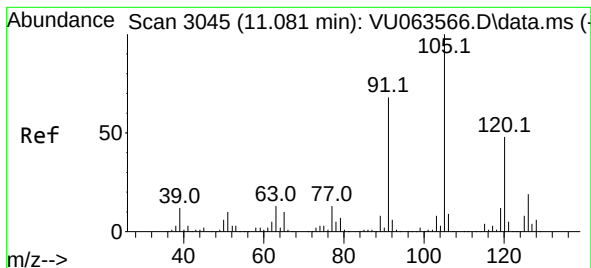
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#74
2-Chlorotoluene
Concen: 0.451 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

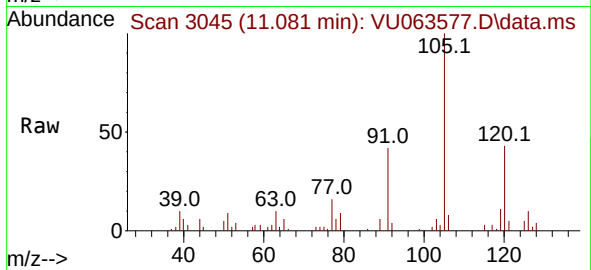
Tgt Ion:126 Resp: 5100
Ion Ratio Lower Upper
126 100
91 301.1 0.0 609.4





#75
1,3,5-Trimethylbenzene
Concen: 0.456 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

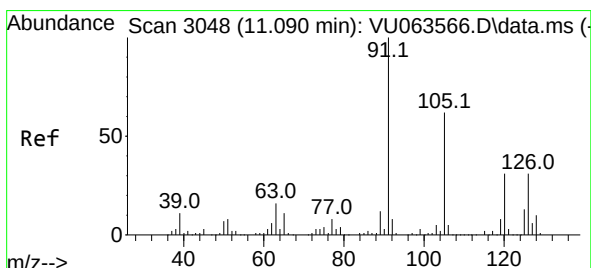
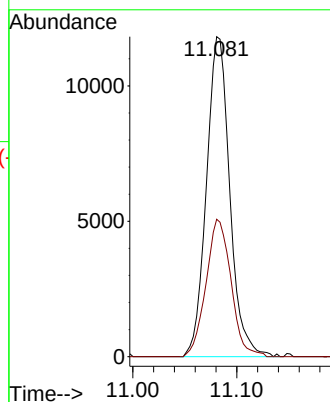
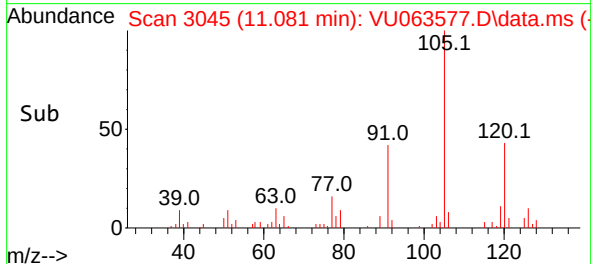
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



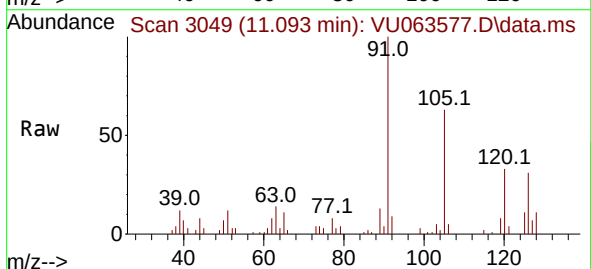
Tgt Ion:105 Resp: 1846
Ion Ratio Lower Upper
105 100
120 45.9 38.0 57.0

Manual Integrations
APPROVED

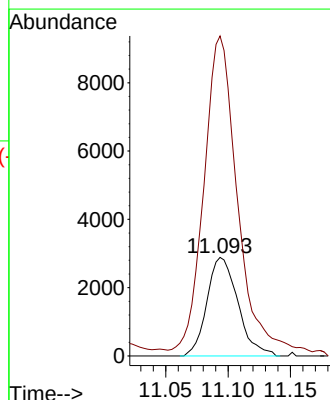
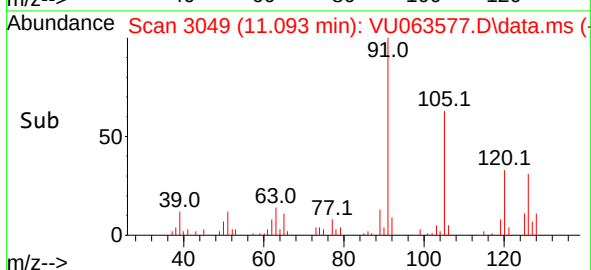
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

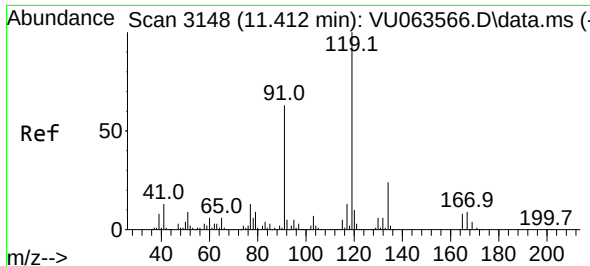


#76
4-Chlorotoluene
Concen: 0.420 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12



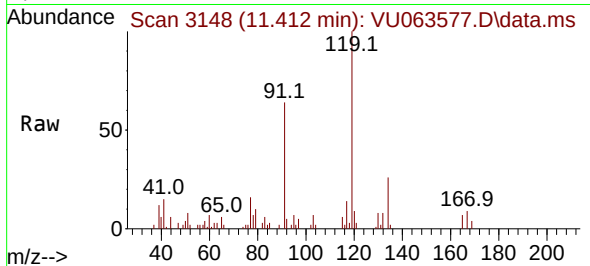
Tgt Ion:126 Resp: 4981
Ion Ratio Lower Upper
126 100
91 346.7 0.0 679.4





#77
tert-Butylbenzene
Concen: 0.426 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

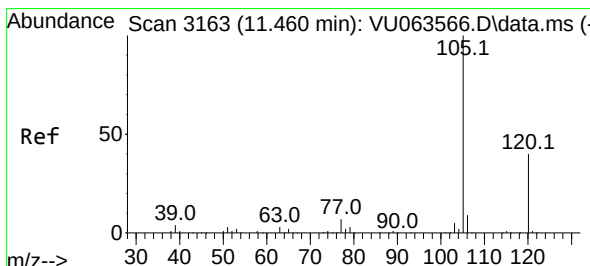
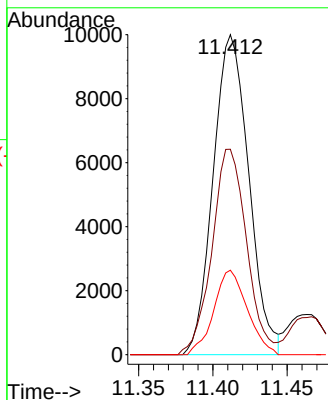
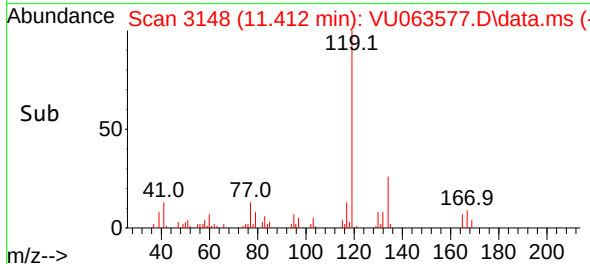
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



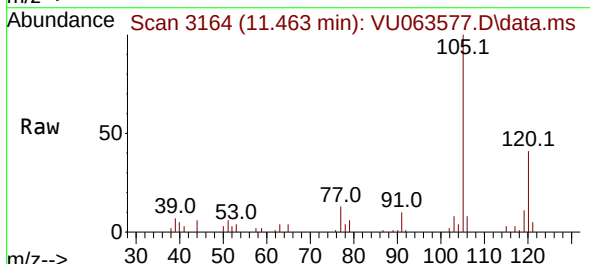
Tgt Ion:119 Resp: 1669
Ion Ratio Lower Upper
119 100
91 62.2 31.0 93.0
134 24.8 19.0 28.6

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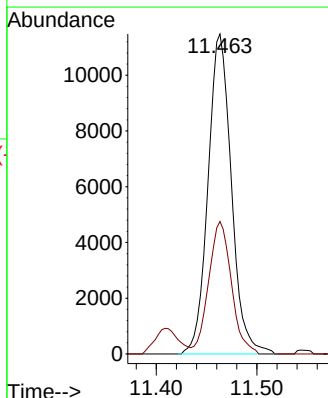
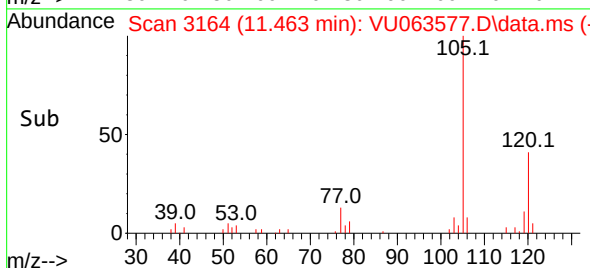
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

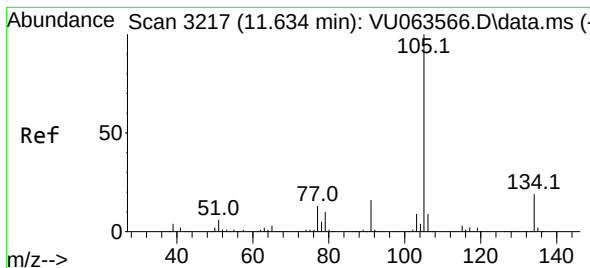


#78
1,2,4-Trimethylbenzene
Concen: 0.470 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12



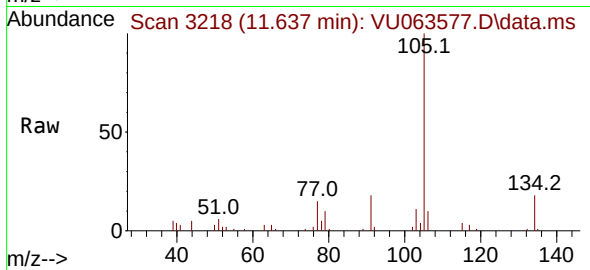
Tgt Ion:105 Resp: 18531
Ion Ratio Lower Upper
105 100
120 40.3 22.4 67.3





#79
sec-Butylbenzene
Concen: 0.409 ug/l
RT: 11.637 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

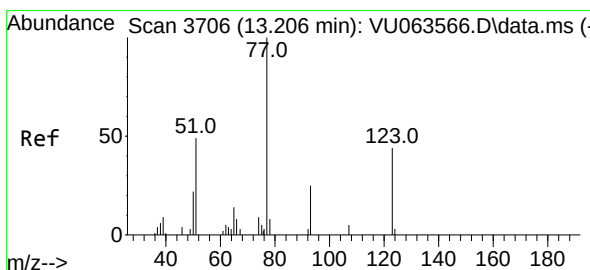
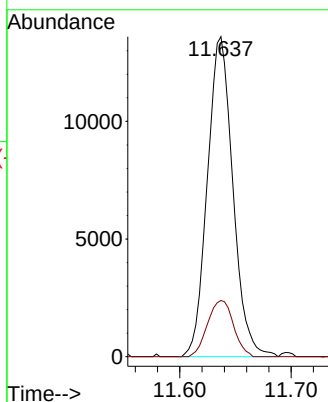
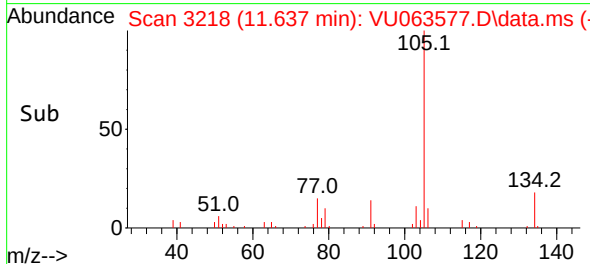
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:105 Resp: 2168
Ion Ratio Lower Upper
105 100
134 17.8 15.6 23.4

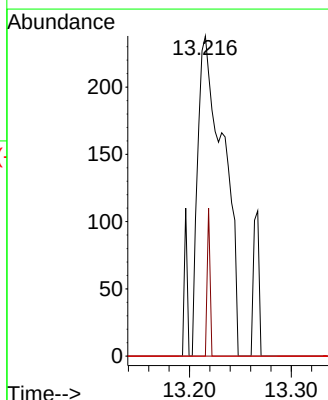
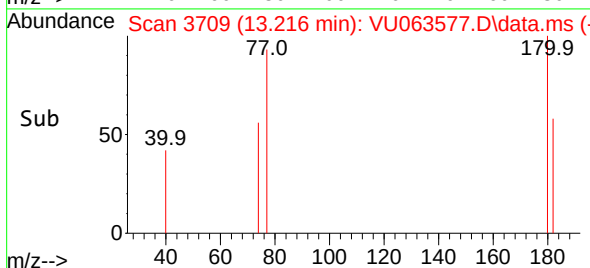
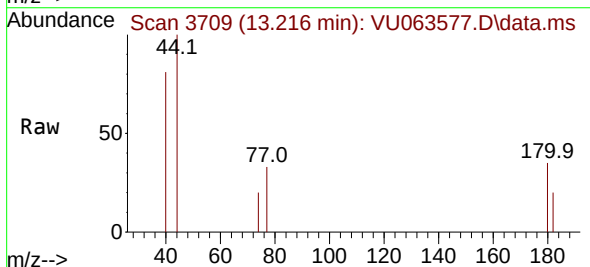
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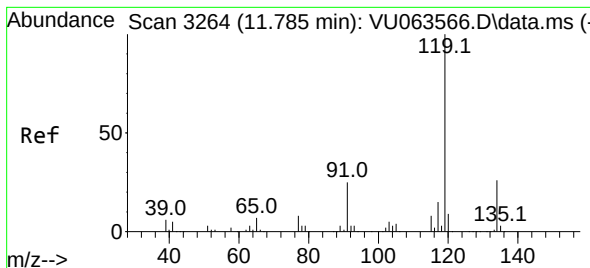
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#80
Nitrobenzene
Concen: 3.479 ug/l m
RT: 13.216 min Scan# 3709
Delta R.T. 0.010 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

Tgt Ion: 77 Resp: 475
Ion Ratio Lower Upper
77 100
123 0.0 18.0 63.6#
65 0.0 12.8 16.4#





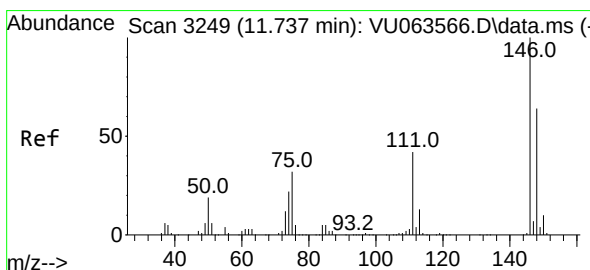
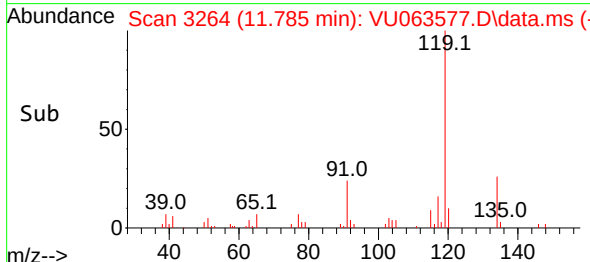
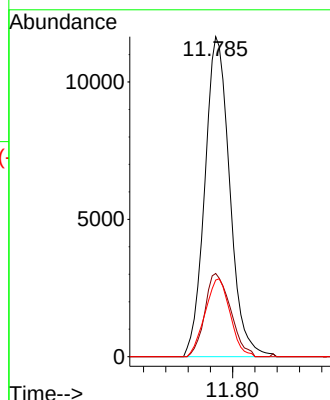
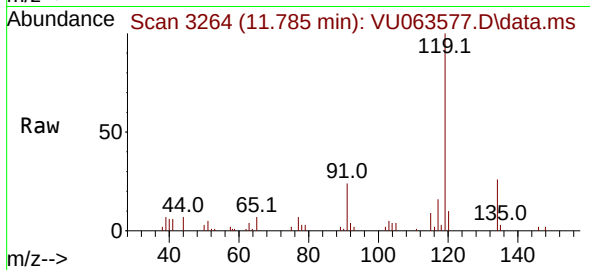
#81
p-Isopropyltoluene
Concen: 0.424 ug/l
RT: 11.785 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

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

Tgt Ion:119 Resp: 1810
Ion Ratio Lower Upper
119 100
134 26.7 20.6 30.8
91 24.3 19.8 29.6

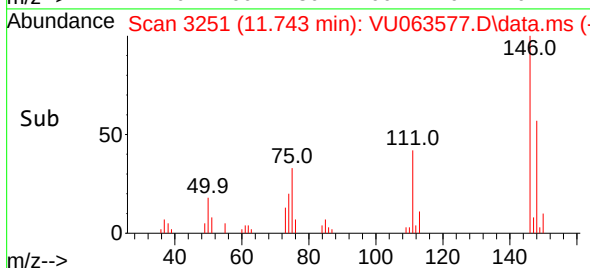
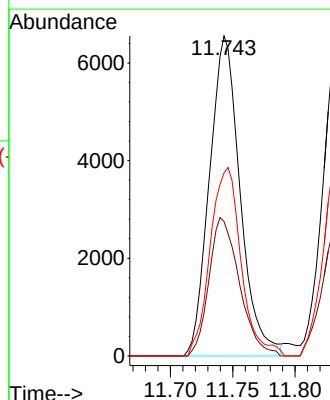
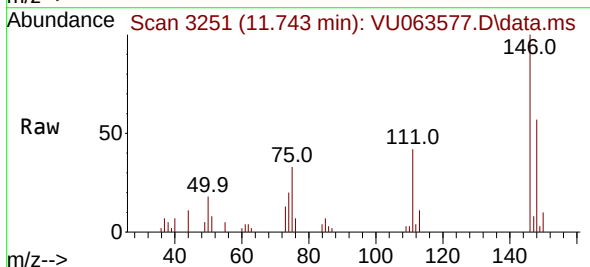
Manual Integrations
APPROVED

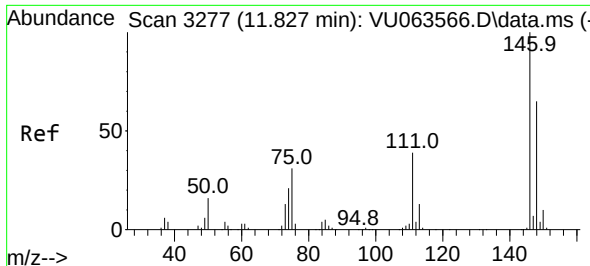
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#82
1,3-Dichlorobenzene
Concen: 0.496 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

Tgt Ion:146 Resp: 11213
Ion Ratio Lower Upper
146 100
111 42.9 32.7 49.1
148 59.4 50.4 75.6





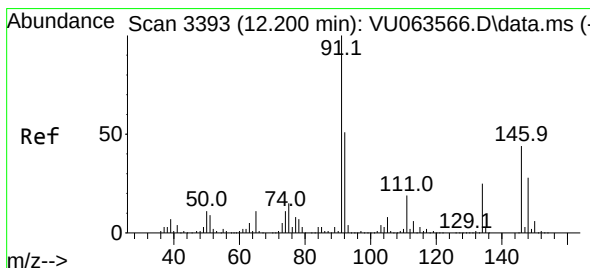
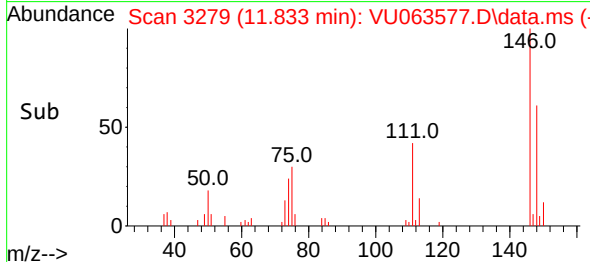
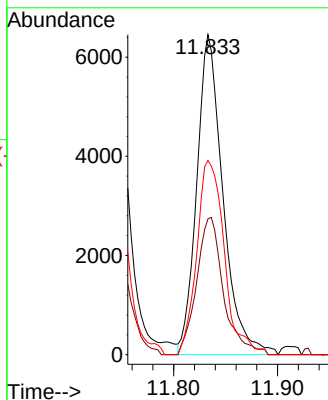
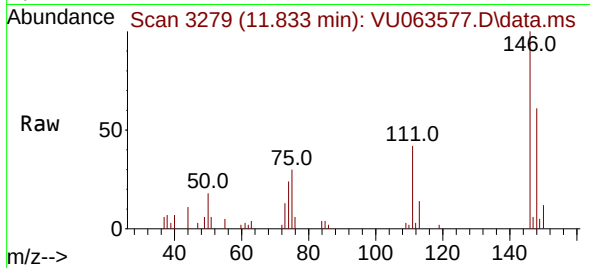
#83
1,4-Dichlorobenzene
Concen: 0.486 ug/l
RT: 11.833 min Scan# 3129
Delta R.T. 0.006 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

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

Tgt Ion:146 Resp: 1129
Ion Ratio Lower Upper
146 100
111 44.0 31.6 47.4
148 63.6 51.8 77.8

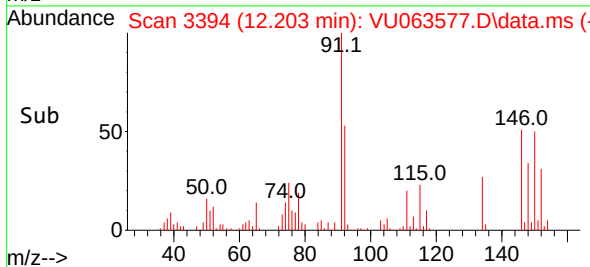
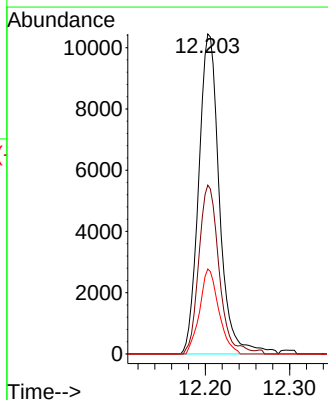
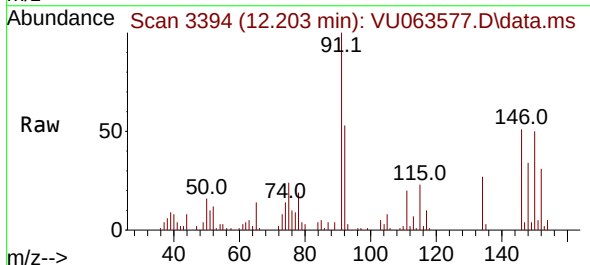
Manual Integrations
APPROVED

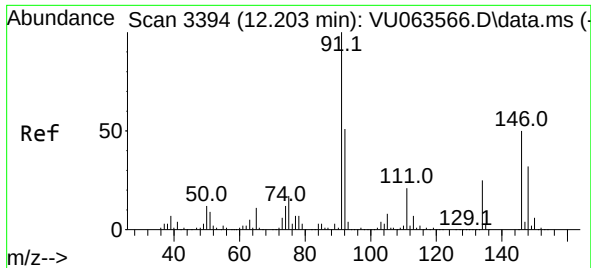
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#84
n-Butylbenzene
Concen: 0.447 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

Tgt Ion: 91 Resp: 17889
Ion Ratio Lower Upper
91 100
92 51.4 41.3 61.9
134 24.4 19.9 29.9





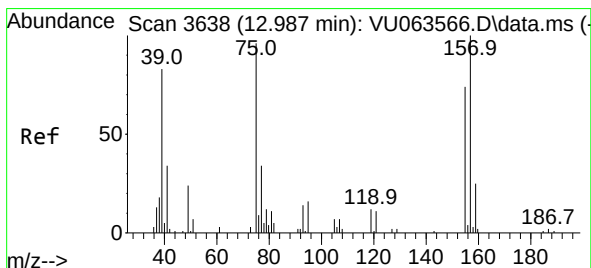
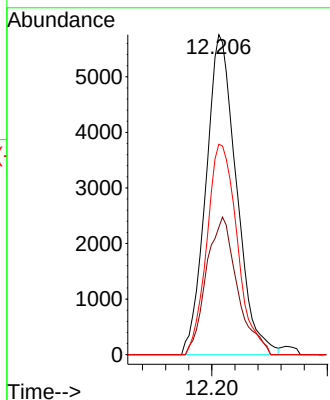
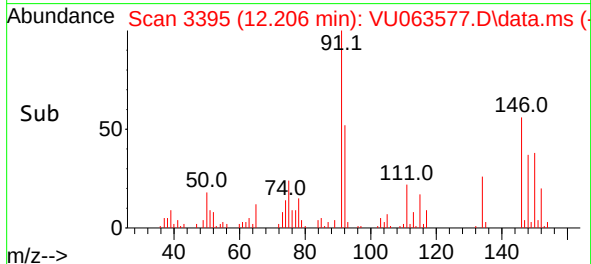
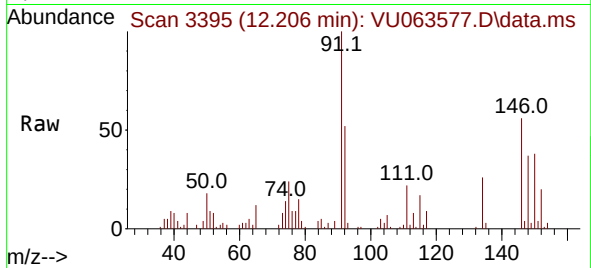
#85
 1,2-Dichlorobenzene
 Concen: 0.484 ug/l
 RT: 12.206 min Scan# 3394
 Delta R.T. 0.003 min
 Lab File: VU063577.D
 Acq: 15 Sep 2025 14:12

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

Tgt Ion:146 Resp: 10550
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.0 63.0
 148 65.3 31.8 95.3

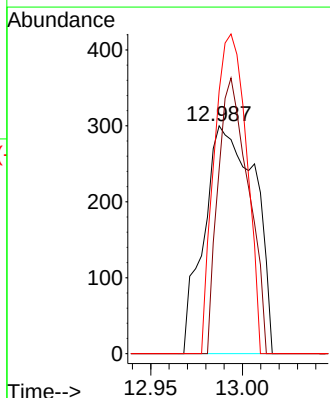
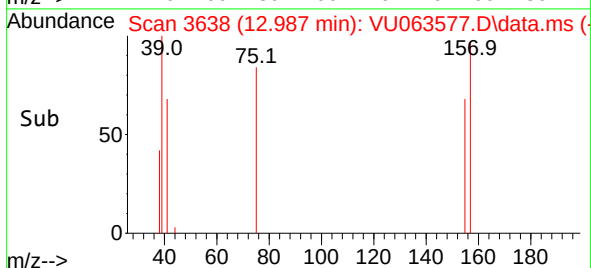
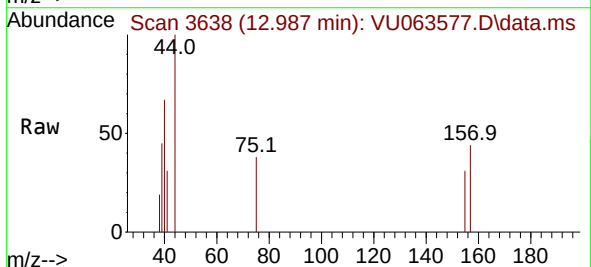
Manual Integrations
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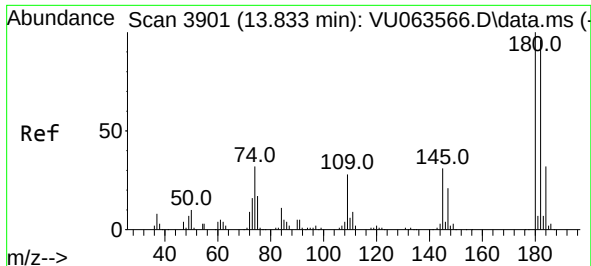
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.451 ug/l
 RT: 12.987 min Scan# 3638
 Delta R.T. -0.000 min
 Lab File: VU063577.D
 Acq: 15 Sep 2025 14:12

Tgt Ion: 75 Resp: 578
 Ion Ratio Lower Upper
 75 100
 155 72.7 64.1 96.1
 157 88.9 84.2 126.4





#87

1,2,4-Trichlorobenzene

Concen: 0.521 ug/l

RT: 13.839 min Scan# 3901

Delta R.T. 0.006 min

Lab File: VU063577.D

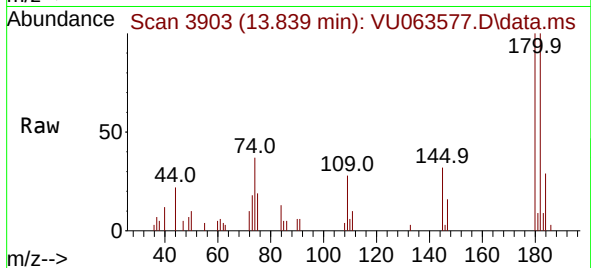
Acq: 15 Sep 2025 14:12

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

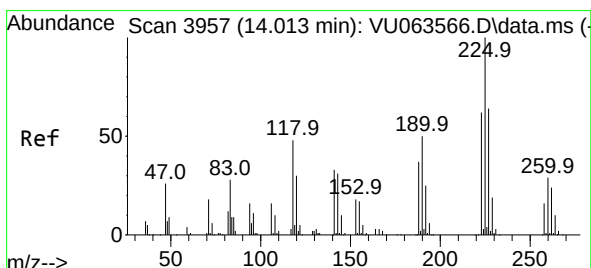
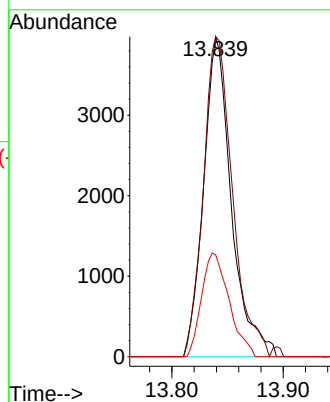
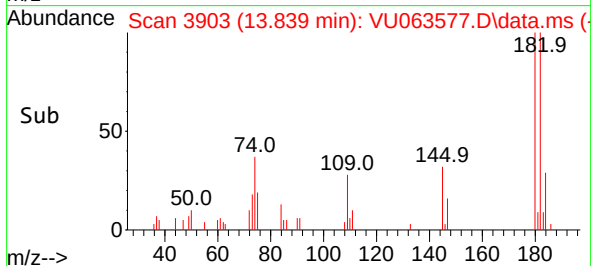


Tgt Ion:180	Resp:	687
Ion Ratio	Lower	Upper
180	100	
182	104.7	77.1 115.7
145	32.1	25.0 37.4

Manual Integrations

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



#88

Hexachlorobutadiene

Concen: 0.425 ug/l

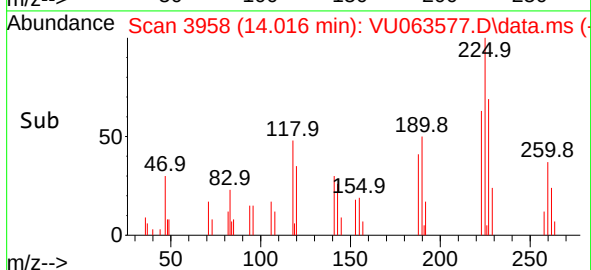
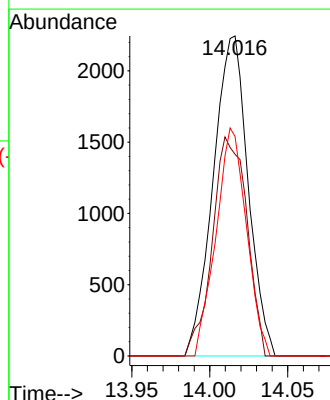
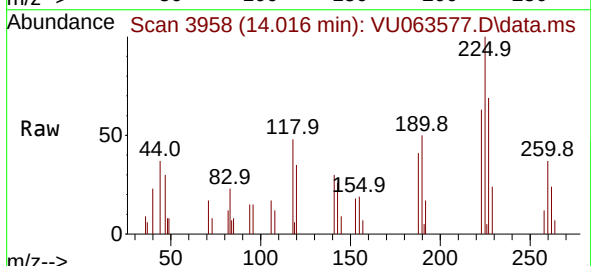
RT: 14.016 min Scan# 3958

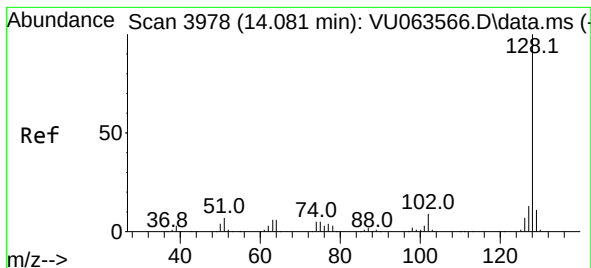
Delta R.T. 0.003 min

Lab File: VU063577.D

Acq: 15 Sep 2025 14:12

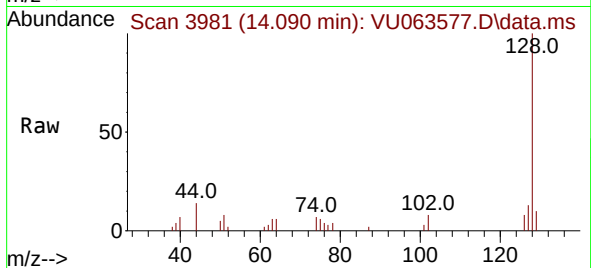
Tgt Ion:225	Resp:	3495
Ion Ratio	Lower	Upper
225	100	
223	67.5	50.2 75.2
227	62.2	51.6 77.4





#89
Naphthalene
Concen: 0.664 ug/l
RT: 14.090 min Scan# 3981
Delta R.T. 0.010 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

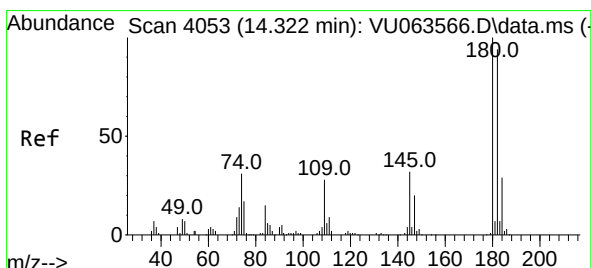
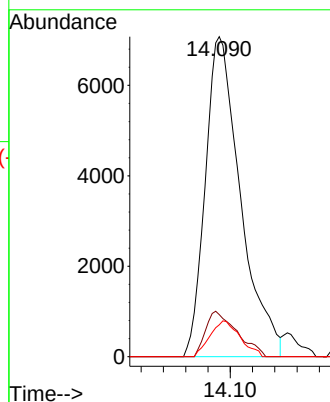
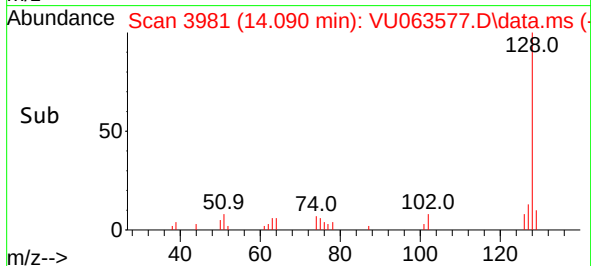
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:128 Resp: 1550
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 9.6 8.6 13.0

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



#90
1,2,3-Trichlorobenzene
Concen: 0.554 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU063577.D
Acq: 15 Sep 2025 14:12

Tgt Ion:180 Resp: 6947
Ion Ratio Lower Upper
180 100
182 97.4 76.8 115.2
145 30.0 26.6 40.0

