

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
 Data File : VU063578.D
 Acq On : 15 Sep 2025 14:43
 Operator : MD/SY
 Sample : Q2893-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 16 05:09:45 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	32454	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	10086	0.834	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	11434	0.928	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	4961	0.463	ug/l	87
3) Chloromethane	1.518	50	5141	0.490	ug/l	98
4) Vinyl Chloride	1.599	62	4974	0.438	ug/l	91
5) Bromomethane	1.843	94	3615	0.515	ug/l	87
6) Chloroethane	1.920	64	3281	0.449	ug/l	92
7) Trichlorofluoromethane	2.129	101	7461	0.447	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	4180	0.448	ug/l	96
9) 1,1-Dichloroethene	2.570	96	3414	0.404	ug/l	90
10) Iodomethane	2.711	142	5270	0.433	ug/l	99
11) Allyl Chloride	2.910	41	5805	0.413	ug/l	87
12) Acrylonitrile	3.309	53	2277	0.889	ug/l	97
13) Acetone	2.618	43	6307	1.740	ug/l	96
14) Carbon Disulfide	2.782	76	7003	0.396	ug/l	# 95
15) Methylene Chloride	3.029	84	10142	0.908	ug/l	96
16) trans-1,2-Dichloroethene	3.338	96	3716	0.412	ug/l	86
17) 1,1-Dichloroethane	3.853	63	8822	0.427	ug/l	97
18) 2-Butanone	4.711	43	7513	1.820	ug/l	86
19) Cyclohexane	5.364	56	6227	0.377	ug/l	87
20) Methylcyclohexane	6.743	83	6499	0.429	ug/l	97
21) 2,2-Dichloropropane	4.650	77	6506	0.426	ug/l	100
22) cis-1,2-Dichloroethene	4.653	96	4584	0.414	ug/l	98
23) Diethyl Ether	2.370	59	3280	0.438	ug/l	93
24) tert-Butyl Alcohol	3.177	59	5289	5.323	ug/l	# 87
25) Methyl tert-Butyl Ether	3.361	73	10684	0.423	ug/l	# 88
26) Bromochloromethane	4.965	128	1973	0.441	ug/l	93
27) Chloroform	5.074	83	9161	0.443	ug/l	100
28) 1,1,1-Trichloroethane	5.299	97	6498	0.409	ug/l	96
29) 1,1-Dichloropropene	5.508	75	6256	0.424	ug/l	97
30) Carbon Tetrachloride	5.508	117	4255	0.364	ug/l	98
31) Isopropyl Ether	3.991	45	15266	0.441	ug/l	96
32) Ethyl-t-butyl ether	4.499	59	13203m	0.447	ug/l	
33) Tert-Amyl methyl ether	5.939	73	10622	0.422	ug/l	96
34) Propionitrile	4.775	54	2014	2.086	ug/l	# 95
35) Benzene	5.762	78	18305	0.431	ug/l	96
36) 1,2-Dichloroethane	5.782	62	6232	0.435	ug/l	99
37) Trichloroethene	6.528	130	4437	0.420	ug/l	94
38) 1,2-Dichloropropane	6.785	63	5614	0.499	ug/l	# 88
39) Methacrylonitrile	4.968	41	2373	0.521	ug/l	# 57
40) Methyl acrylate	4.846	55	3073	0.492	ug/l	# 78
41) Tetrahydrofuran	5.055	42	2641	1.112	ug/l	# 89
42) 1-Chlorobutane	5.444	56	8782	0.425	ug/l	98
43) Dibromomethane	6.907	93	2335	0.433	ug/l	96
44) Bromodichloromethane	7.094	83	5143	0.446	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
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Instrument :
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 LOD-MDL-WATER-01-QT3-2025

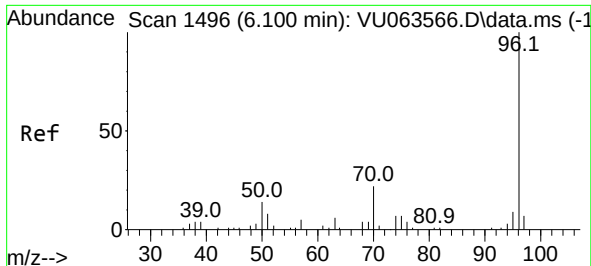
Quant Time: Sep 16 05:09:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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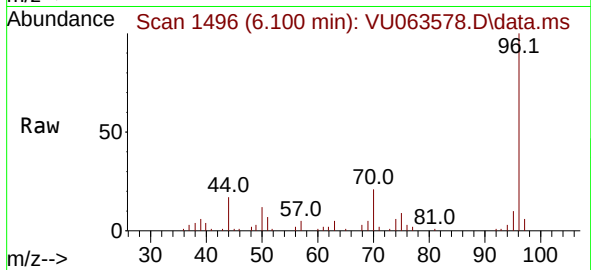
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	17220	2.549	ug/l	97
46) t-1,4-Dichloro-2-butene	10.827	75	1226m	0.485	ug/l	
47) Methyl methacrylate	6.965	69	4485	0.929	ug/l	87
48) Ethyl methacrylate	8.338	69	4496	0.502	ug/l	90
49) Toluene	7.962	92	10595	0.460	ug/l	97
50) t-1,3-Dichloropropene	8.203	75	3915	0.453	ug/l	92
51) cis-1,3-Dichloropropene	7.598	75	5206	0.453	ug/l #	83
52) 1,1,2-Trichloroethane	8.396	97	3619	0.474	ug/l	92
53) 1,3-Dichloropropane	8.566	76	5817	0.438	ug/l	91
54) 2-Hexanone	8.692	43	11989	2.428	ug/l	90
55) Dibromochloromethane	8.801	129	2593	0.350	ug/l	94
56) 1,2-Dibromoethane	8.920	107	2896	0.440	ug/l	100
58) Tetrachloroethene	8.540	164	4270	0.410	ug/l	92
59) Chlorobenzene	9.444	112	11496	0.433	ug/l	93
60) 1,1,1,2-Tetrachloroethane	9.524	131	3232	0.373	ug/l	96
61) Pentachloroethane	11.418	117	2335	0.376	ug/l	92
62) Hexachloroethane	12.470	117	1693	0.313	ug/l	94
63) Ethyl Benzene	9.563	91	18686	0.412	ug/l	99
64) m/p-Xylenes	9.688	106	13832	0.794	ug/l	97
65) o-Xylene	10.097	106	6297	0.361	ug/l	87
66) Styrene	10.116	104	10137	0.364	ug/l	97
67) Bromoform	10.286	173	1076	0.292	ug/l #	88
69) Isopropylbenzene	10.476	105	16396	0.387	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.778	83	4043	0.416	ug/l	97
71) 1,2,3-Trichloropropane	10.817	75	2984m	0.414	ug/l	
72) Bromobenzene	10.778	156	4273	0.389	ug/l	98
73) n-propylbenzene	10.904	120	4773	0.390	ug/l	99
74) 2-Chlorotoluene	10.981	126	4437	0.401	ug/l	88
75) 1,3,5-Trimethylbenzene	11.081	105	14546	0.367	ug/l	96
76) 4-Chlorotoluene	11.093	126	4262	0.368	ug/l	95
77) tert-Butylbenzene	11.412	119	13421	0.351	ug/l	94
78) 1,2,4-Trimethylbenzene	11.463	105	14177	0.368	ug/l	97
79) sec-Butylbenzene	11.637	105	19960	0.385	ug/l	98
80) Nitrobenzene	13.225	77	340	2.547	ug/l #	42
81) p-Isopropyltoluene	11.785	119	15578	0.373	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	8791	0.398	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	9437	0.416	ug/l	97
84) n-Butylbenzene	12.203	91	15133	0.387	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	8579	0.402	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.990	75	366	0.292	ug/l #	61
87) 1,2,4-Trichlorobenzene	13.839	180	5821	0.451	ug/l	98
88) Hexachlorobutadiene	14.013	225	3454	0.430	ug/l	93
89) Naphthalene	14.093	128	12469	0.546	ug/l	96
90) 1,2,3-Trichlorobenzene	14.328	180	5456	0.445	ug/l	92

(#) = 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: VU063578.D
Acq: 15 Sep 2025 14:43

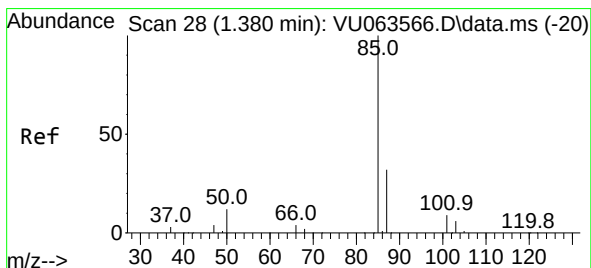
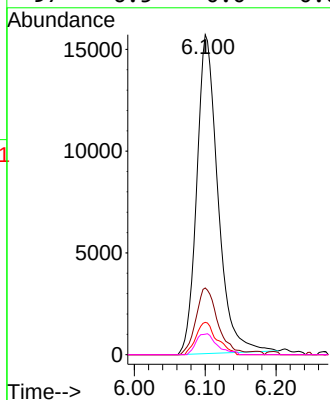
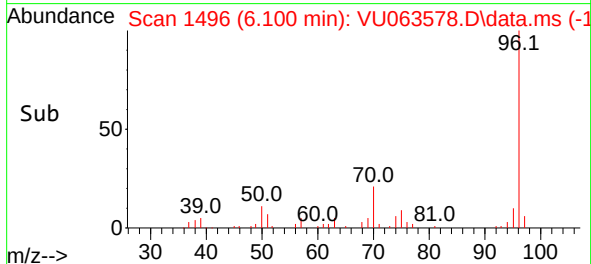
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 96 Resp: 32454
Ion Ratio Lower Upper
96 100
70 20.4 15.5 23.3
95 10.0 7.7 11.5
97 6.5 0.0 0.0#

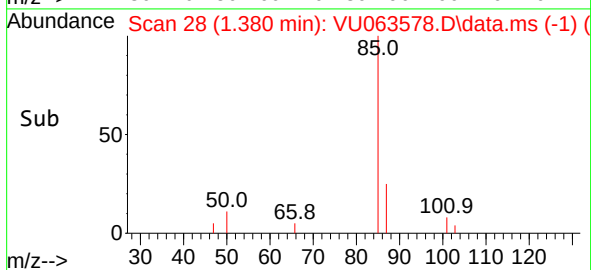
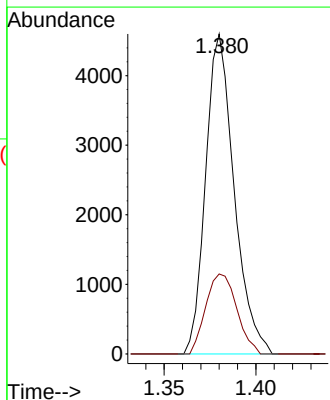
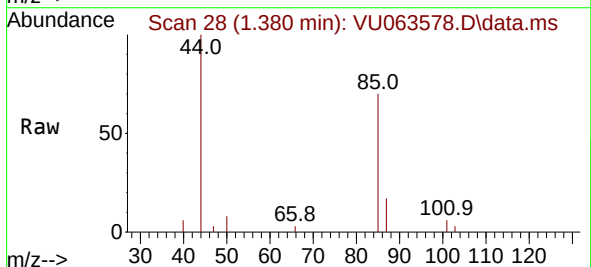
Manual Integrations
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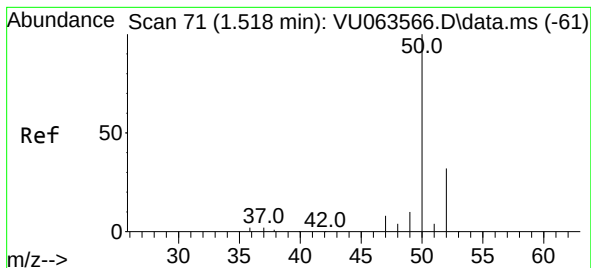
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#2
Dichlorodifluoromethane
Concen: 0.463 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

Tgt Ion: 85 Resp: 4961
Ion Ratio Lower Upper
85 100
87 25.0 16.1 48.2





#3

Chloromethane

Concen: 0.490 ug/l

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU063578.D

Acq: 15 Sep 2025 14:43

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 50 Resp: 514

Ion Ratio Lower Upper

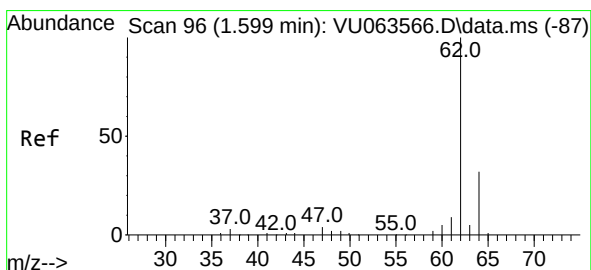
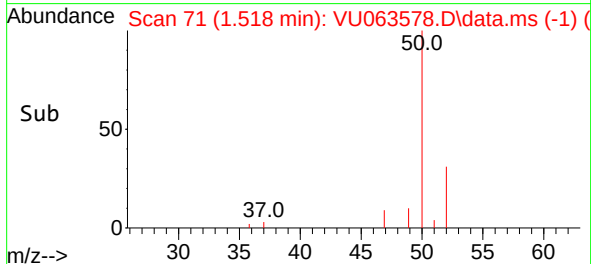
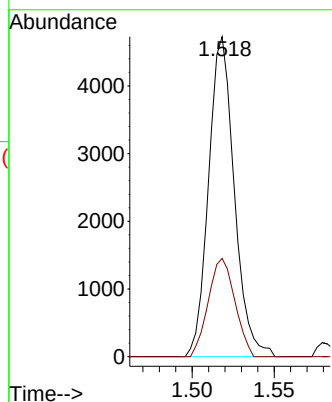
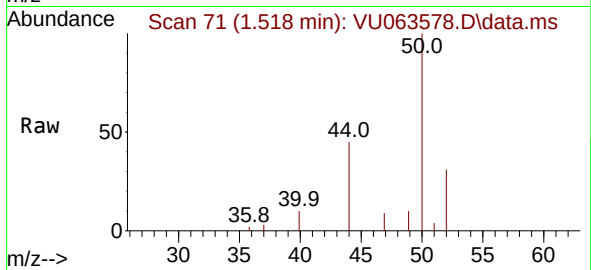
50 100

52 30.7 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 0.438 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU063578.D

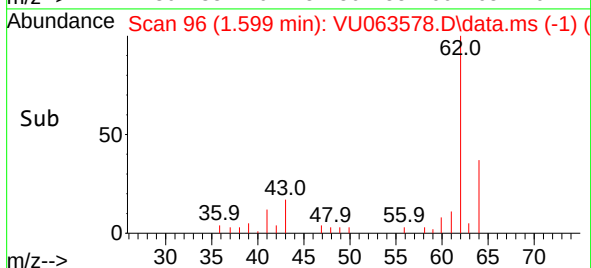
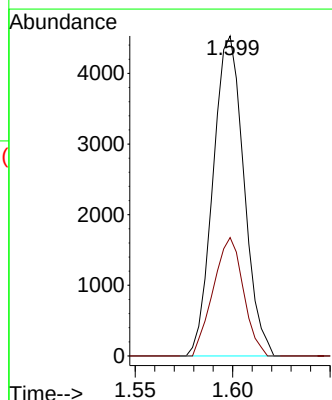
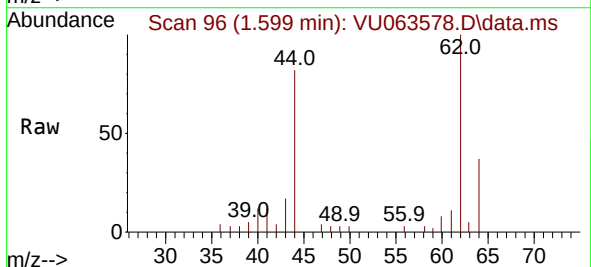
Acq: 15 Sep 2025 14:43

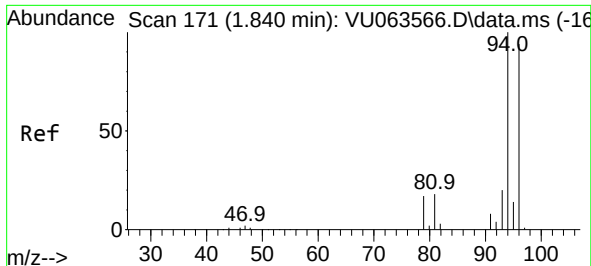
Tgt Ion: 62 Resp: 4974

Ion Ratio Lower Upper

62 100

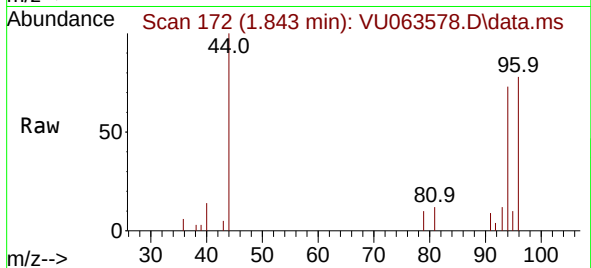
64 37.0 25.5 38.3





#5
Bromomethane
Concen: 0.515 ug/l
RT: 1.843 min Scan# 171
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

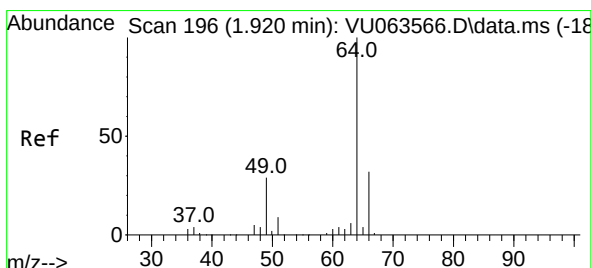
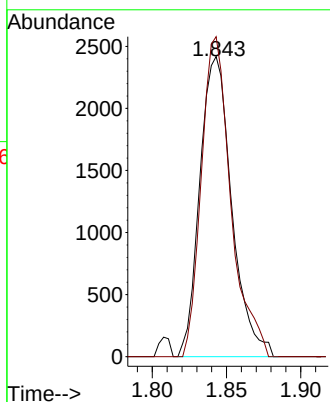
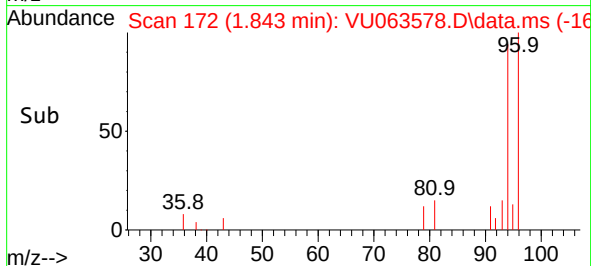
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 94 Resp: 361
Ion Ratio Lower Upper
94 100
96 106.6 75.1 112.7

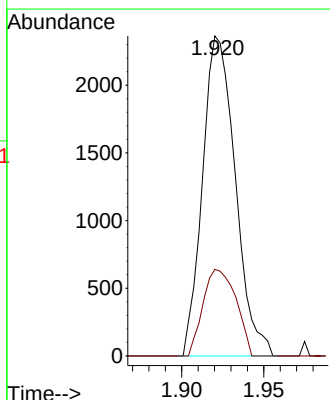
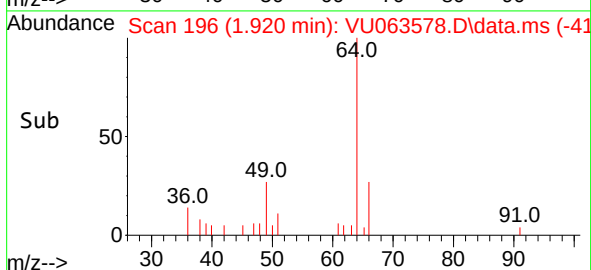
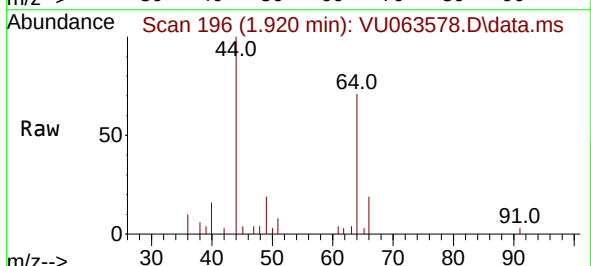
Manual Integrations
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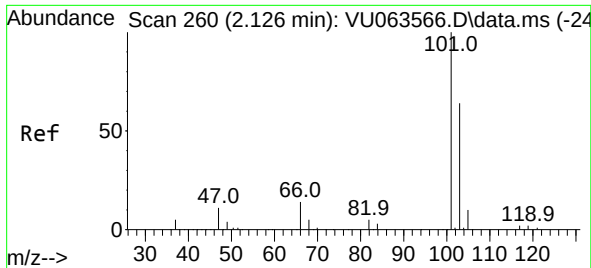
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#6
Chloroethane
Concen: 0.449 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

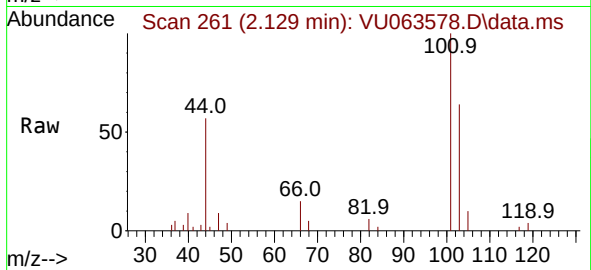
Tgt Ion: 64 Resp: 3281
Ion Ratio Lower Upper
64 100
66 27.0 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 0.447 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU063578.D
 Acq: 15 Sep 2025 14:43

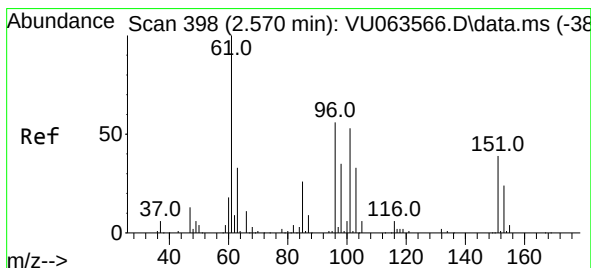
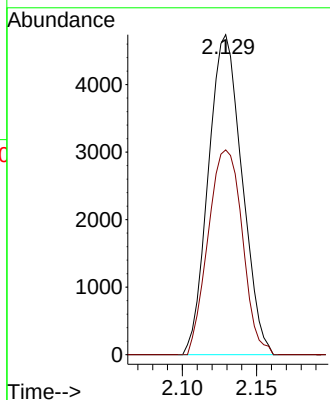
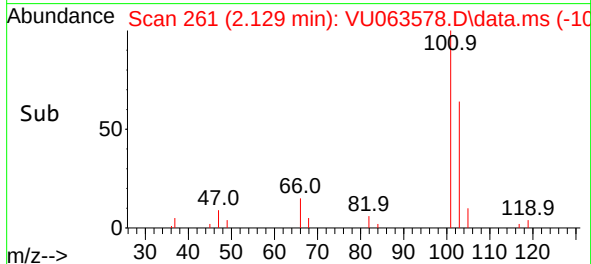
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025



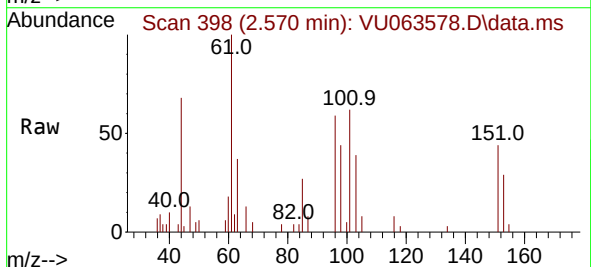
Tgt Ion:101 Resp: 746
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.8 76.2

Manual Integrations
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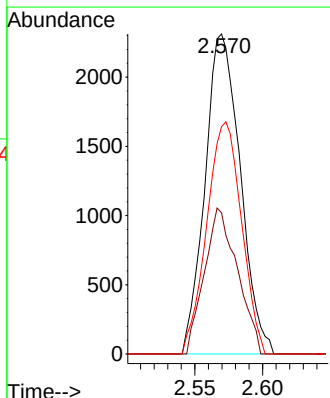
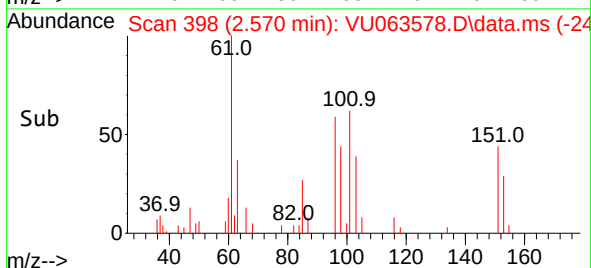
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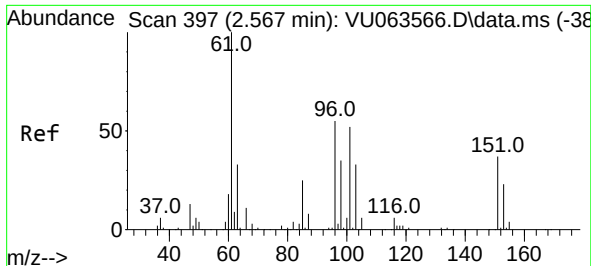


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.448 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063578.D
 Acq: 15 Sep 2025 14:43



Tgt Ion:101 Resp: 4180
 Ion Ratio Lower Upper
 101 100
 85 42.8 38.7 58.1
 151 71.5 58.2 87.2





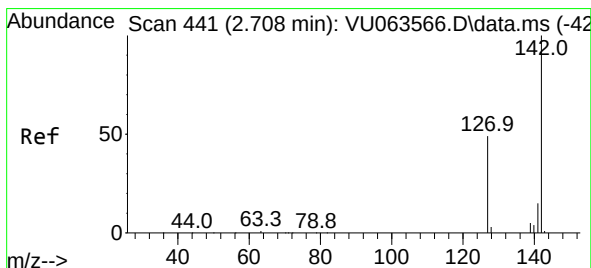
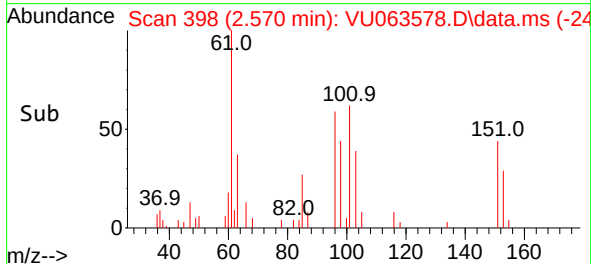
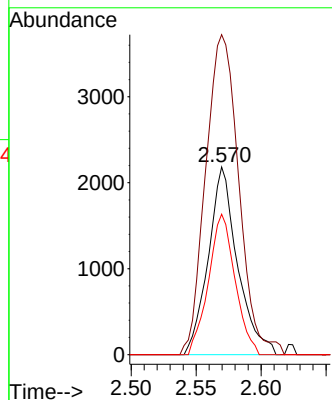
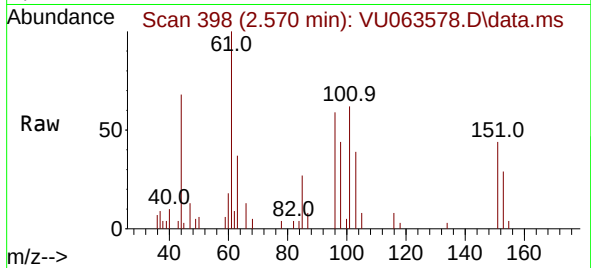
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1,1-Dichloroethene
Concen: 0.404 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

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

Tgt Ion: 96 Resp: 3414
Ion Ratio Lower Upper
96 100
61 170.6 0.0 543.9
98 74.9 0.0 125.8

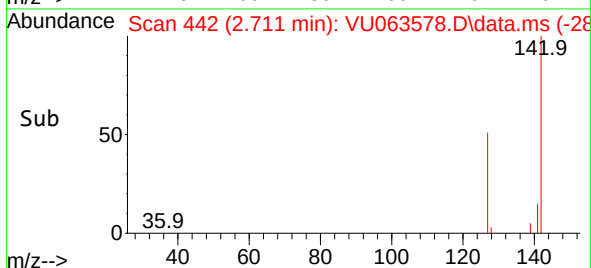
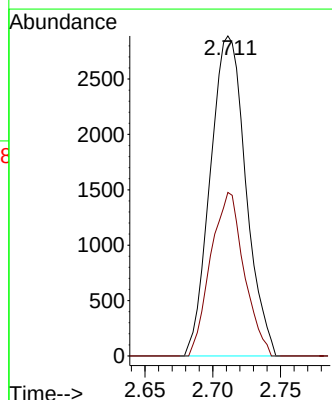
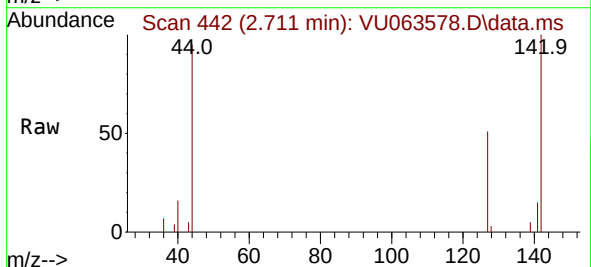
Manual Integrations
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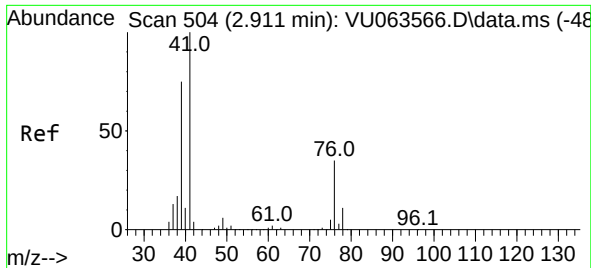
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#10
Iodomethane
Concen: 0.433 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

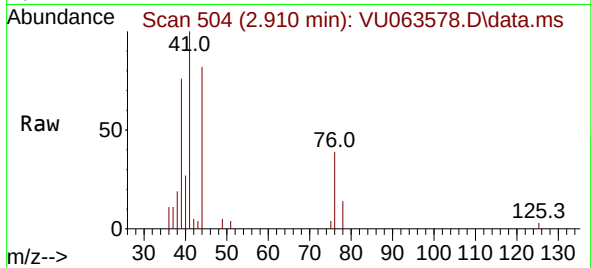
Tgt Ion:142 Resp: 5270
Ion Ratio Lower Upper
142 100
127 47.9 38.6 58.0





#11
 Allyl Chloride
 Concen: 0.413 ug/l
 RT: 2.910 min Scan# 504
 Delta R.T. -0.000 min
 Lab File: VU063578.D
 Acq: 15 Sep 2025 14:43

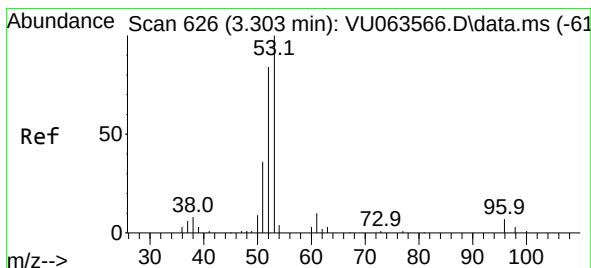
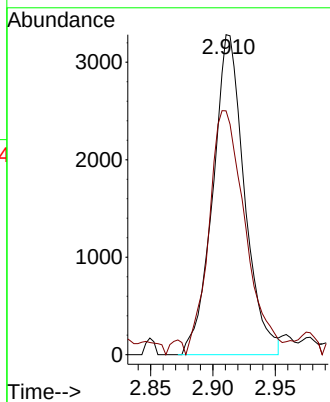
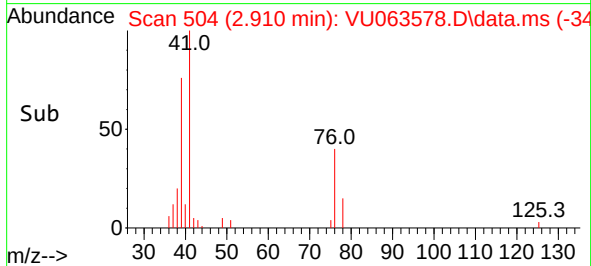
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025



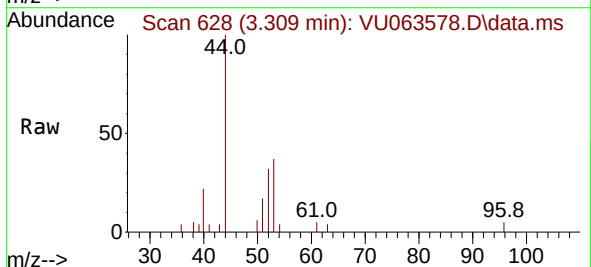
Tgt Ion: 41 Resp: 580
 Ion Ratio Lower Upper
 41 100
 39 87.7 61.2 91.8

Manual Integrations
 APPROVED

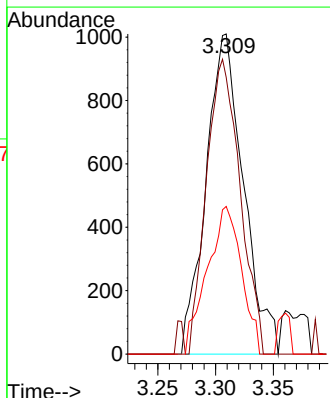
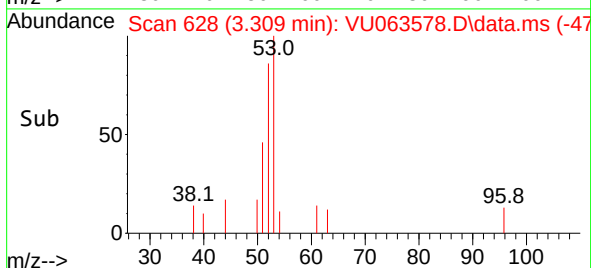
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

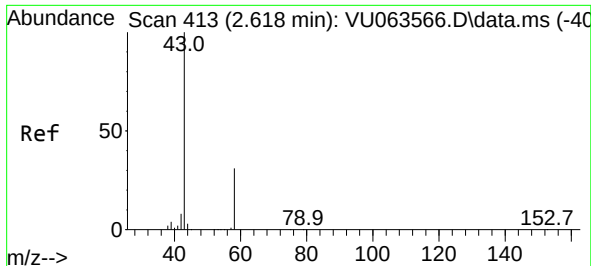


#12
 Acrylonitrile
 Concen: 0.889 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. 0.006 min
 Lab File: VU063578.D
 Acq: 15 Sep 2025 14:43



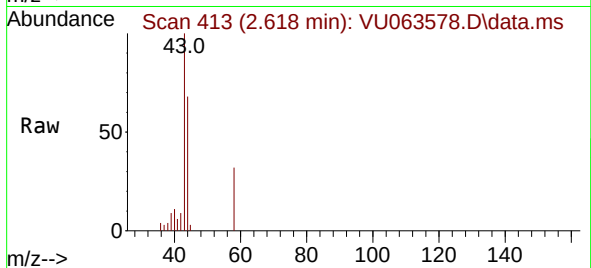
Tgt Ion: 53 Resp: 2277
 Ion Ratio Lower Upper
 53 100
 52 82.7 65.0 97.4
 51 42.2 31.2 46.8





#13
Acetone
Concen: 1.740 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

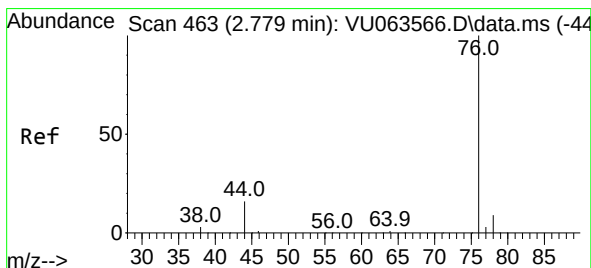
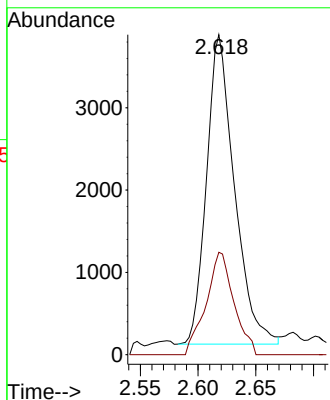
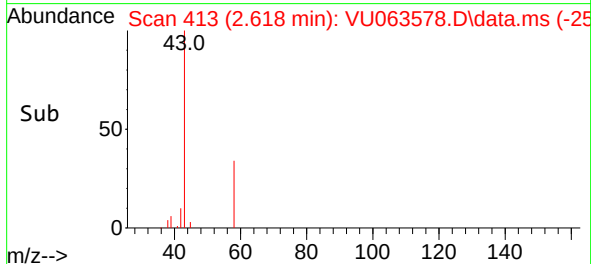
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



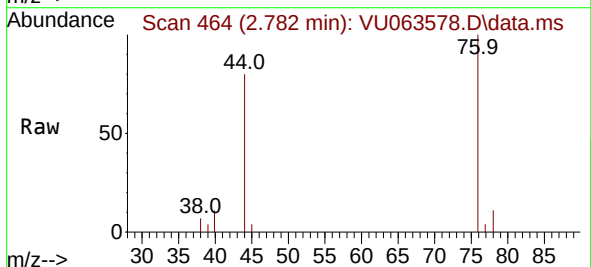
Tgt Ion: 43 Resp: 630
Ion Ratio Lower Upper
43 100
58 33.1 24.7 37.1

Manual Integrations
APPROVED

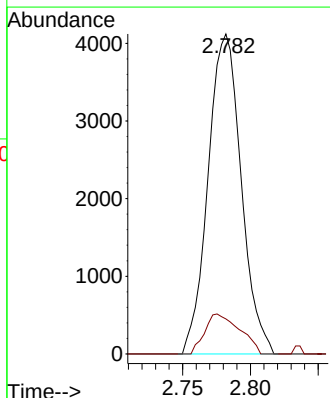
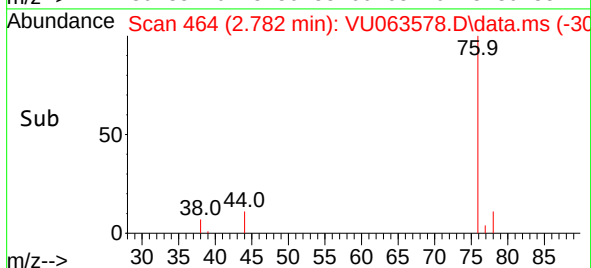
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

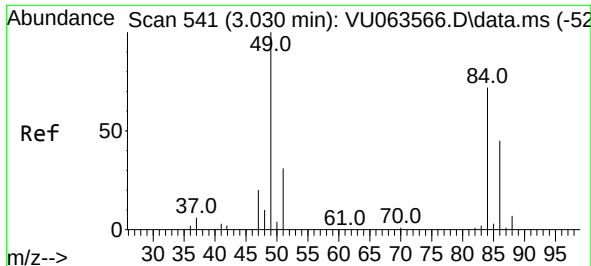


#14
Carbon Disulfide
Concen: 0.396 ug/l
RT: 2.782 min Scan# 464
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43



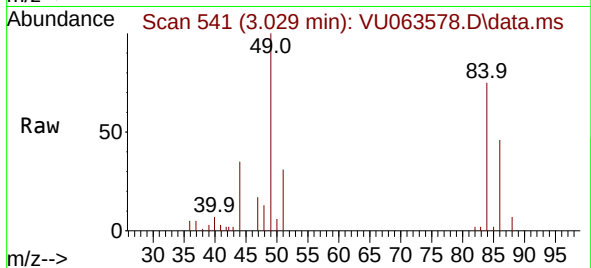
Tgt Ion: 76 Resp: 7003
Ion Ratio Lower Upper
76 100
78 10.9 7.3 10.9#





#15
Methylene Chloride
Concen: 0.908 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

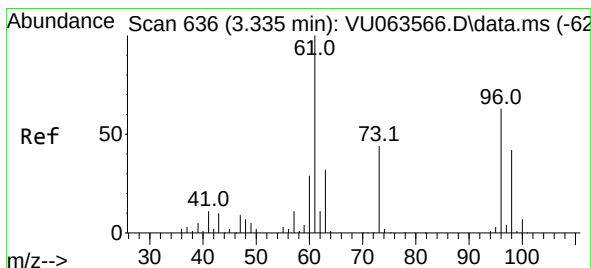
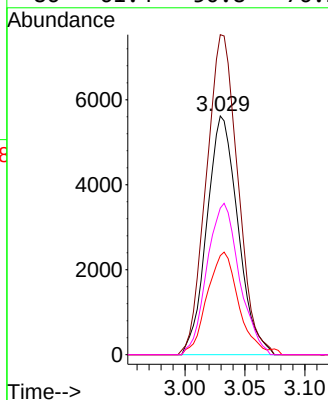
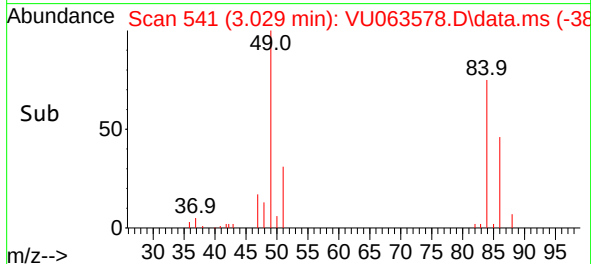
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:	84	Resp:	1014
Ion	Ratio	Lower	Upper
84	100		
49	134.1	111.8	167.6
51	41.5	0.0	86.0
86	61.4	50.8	76.2

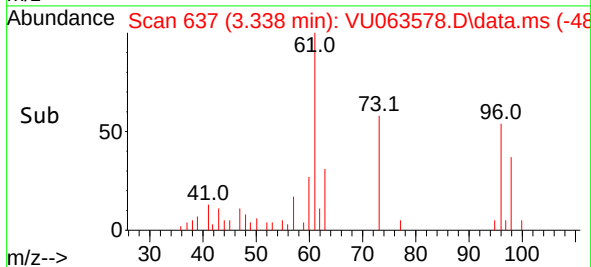
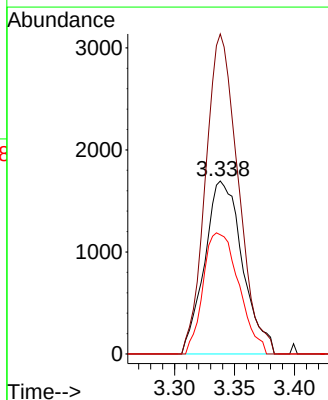
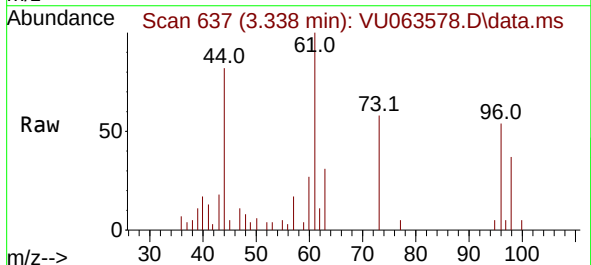
Manual Integrations
APPROVED

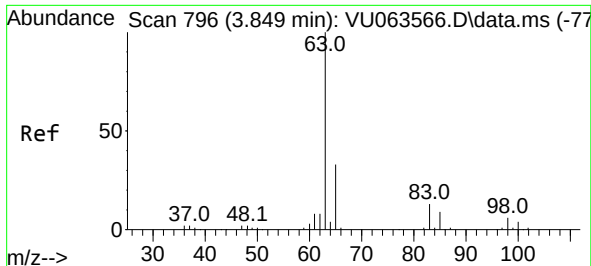
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#16
trans-1,2-Dichloroethene
Concen: 0.412 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

Tgt Ion:	96	Resp:	3716
Ion	Ratio	Lower	Upper
96	100		
61	185.0	127.8	191.6
98	68.9	53.8	80.8





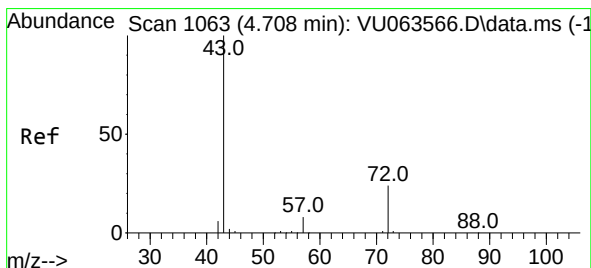
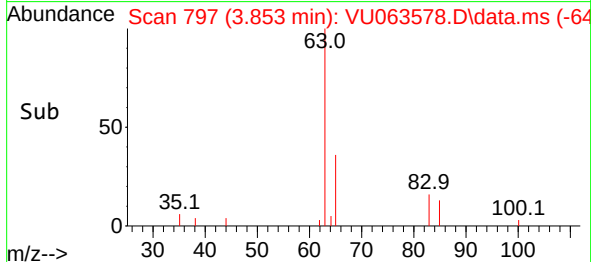
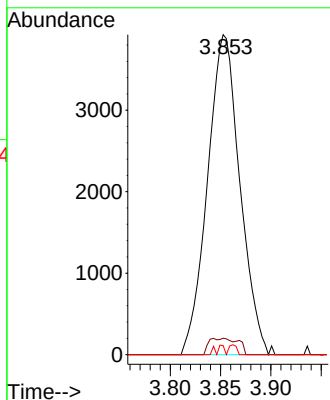
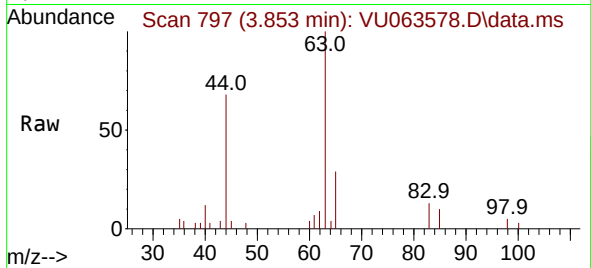
#17
1,1-Dichloroethane
Concen: 0.427 ug/l
RT: 3.853 min Scan# 796
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

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

Tgt Ion: 63 Resp: 882
Ion Ratio Lower Upper
63 100
98 5.1 2.9 8.8
100 2.8 2.0 5.8

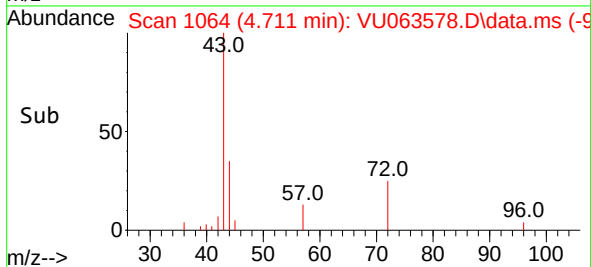
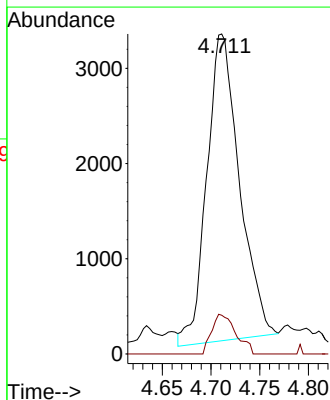
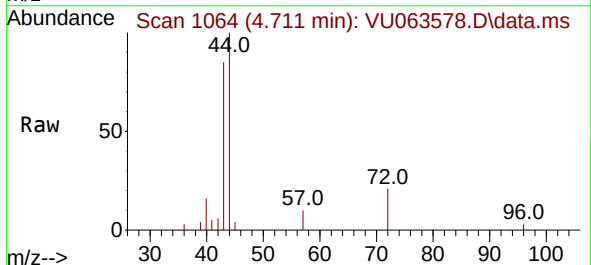
Manual Integrations
APPROVED

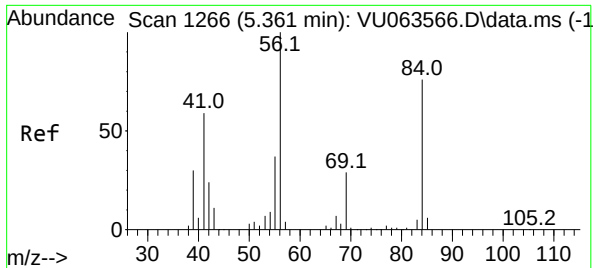
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#18
2-Butanone
Concen: 1.820 ug/l
RT: 4.711 min Scan# 1064
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

Tgt Ion: 43 Resp: 7513
Ion Ratio Lower Upper
43 100
57 12.9 0.0 15.8





#19

Cyclohexane

Concen: 0.377 ug/l

RT: 5.364 min Scan# 1266

Delta R.T. 0.003 min

Lab File: VU063578.D

Acq: 15 Sep 2025 14:43

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

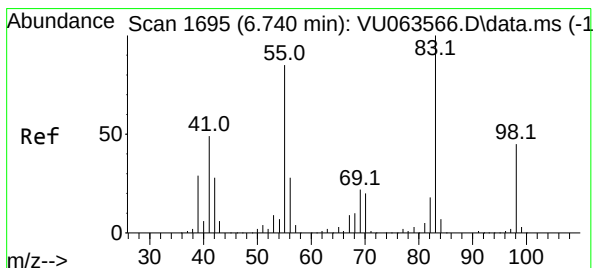
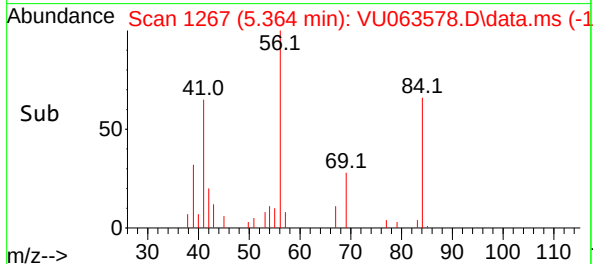
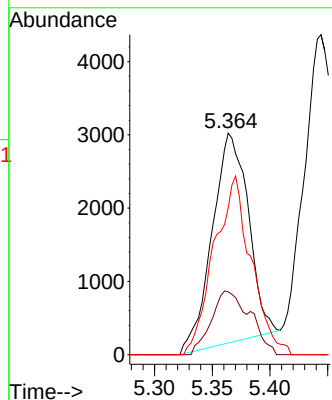
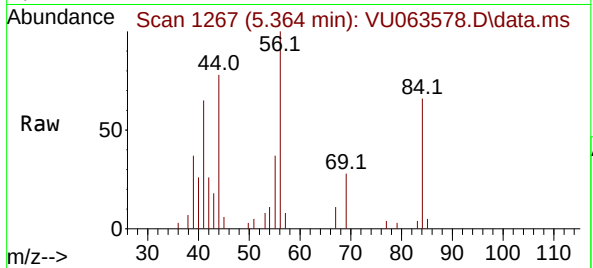
Tgt Ion: 56 Resp: 622

Ion	Ratio	Lower	Upper
56	100		
69	32.7	22.7	34.1
84	87.2	59.4	89.0

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 0.429 ug/l

RT: 6.743 min Scan# 1696

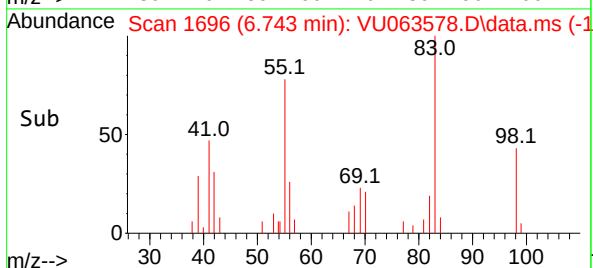
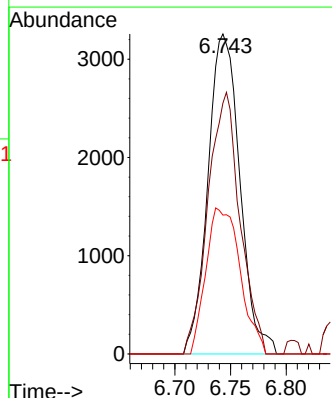
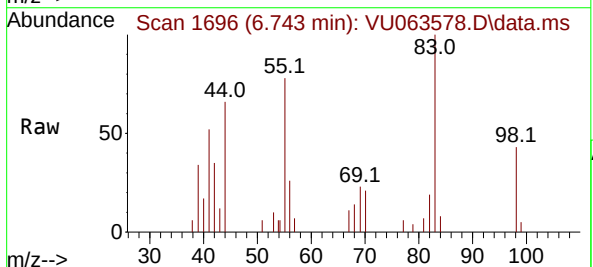
Delta R.T. 0.003 min

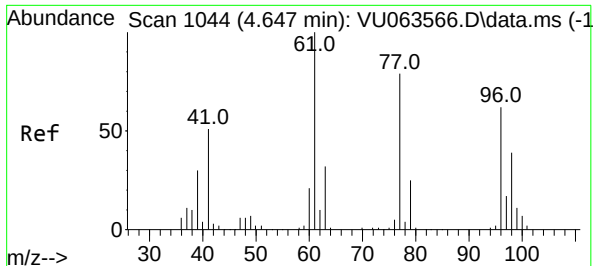
Lab File: VU063578.D

Acq: 15 Sep 2025 14:43

Tgt Ion: 83 Resp: 6499

Ion	Ratio	Lower	Upper
83	100		
55	81.8	66.7	100.1
98	48.8	35.9	53.9





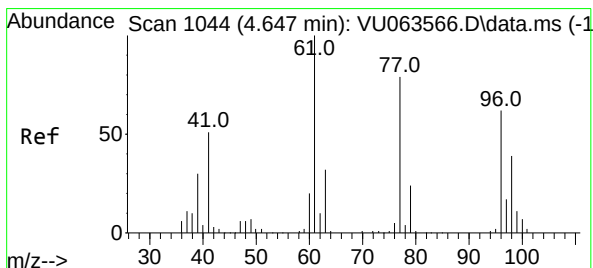
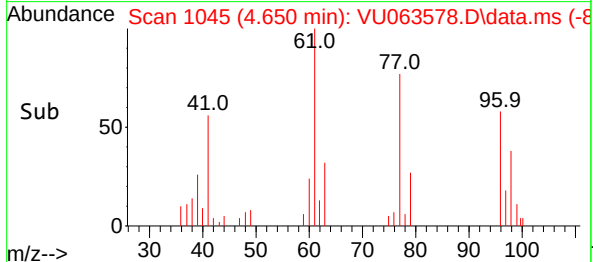
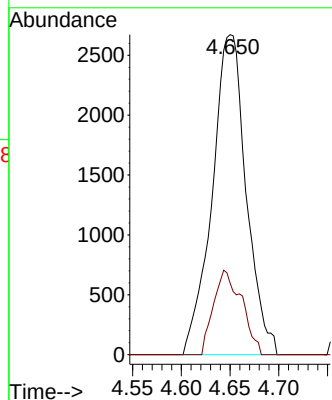
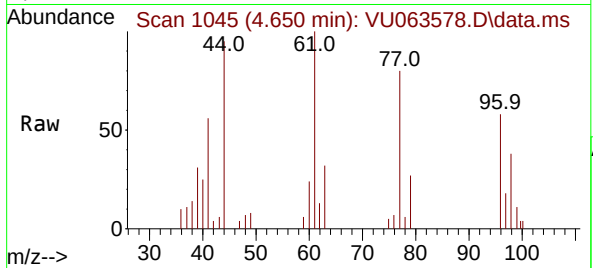
#21
2,2-Dichloropropane
Concen: 0.426 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

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

Tgt Ion: 77 Resp: 6500
Ion Ratio Lower Upper
77 100
97 21.9 17.5 26.3

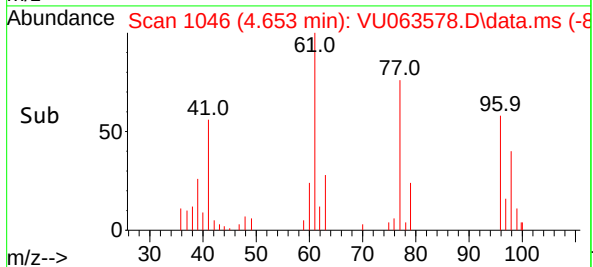
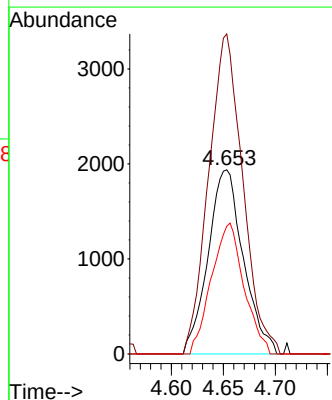
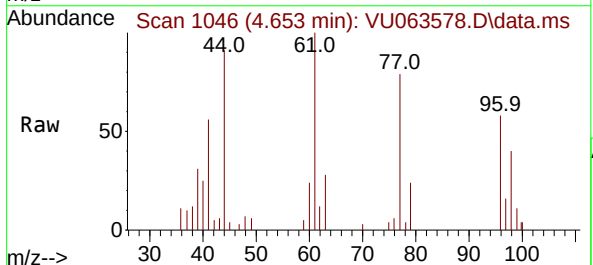
Manual Integrations
APPROVED

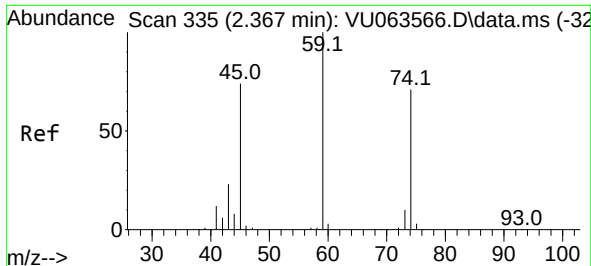
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#22
cis-1,2-Dichloroethene
Concen: 0.414 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.006 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

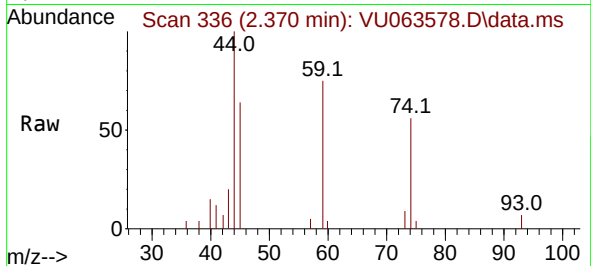
Tgt Ion: 96 Resp: 4584
Ion Ratio Lower Upper
96 100
61 167.5 0.0 411.0
98 65.5 31.9 95.9





#23
Diethyl Ether
Concen: 0.438 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

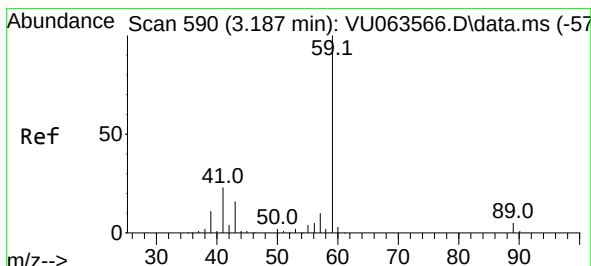
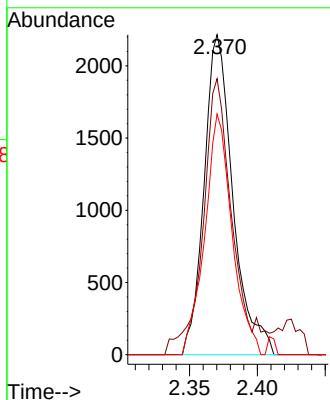
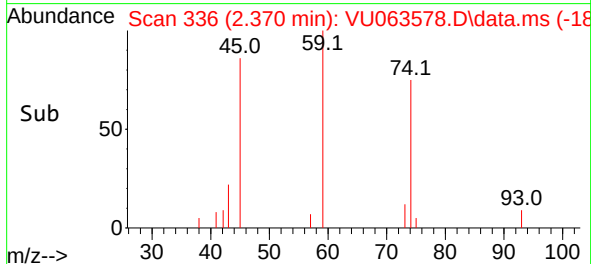
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 59 Resp: 3280
Ion Ratio Lower Upper
59 100
45 83.8 59.0 88.6
74 71.1 57.8 86.6

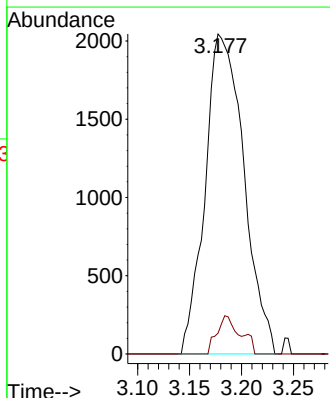
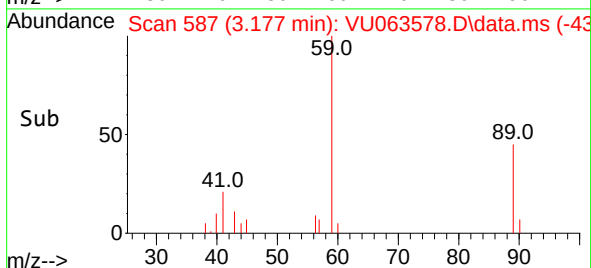
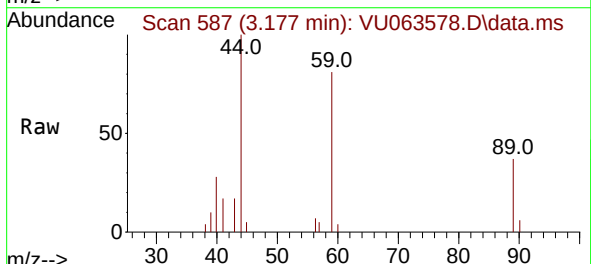
Manual Integrations
APPROVED

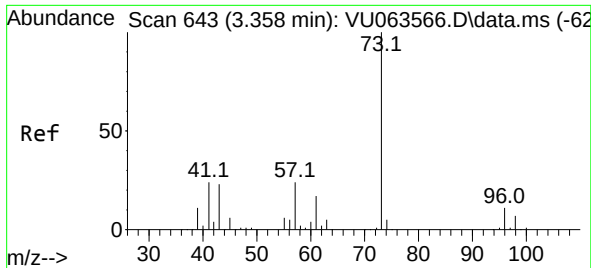
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#24
tert-Butyl Alcohol
Concen: 5.323 ug/l
RT: 3.177 min Scan# 587
Delta R.T. -0.010 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

Tgt Ion: 59 Resp: 5289
Ion Ratio Lower Upper
59 100
57 5.9 8.6 12.8#





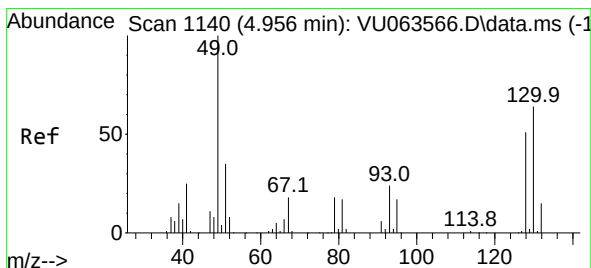
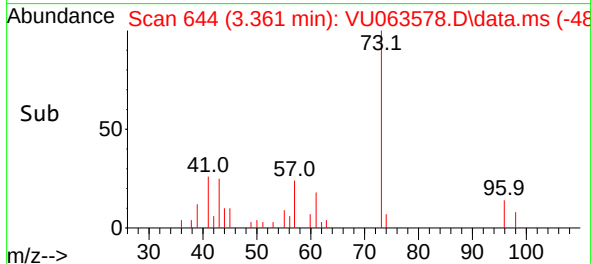
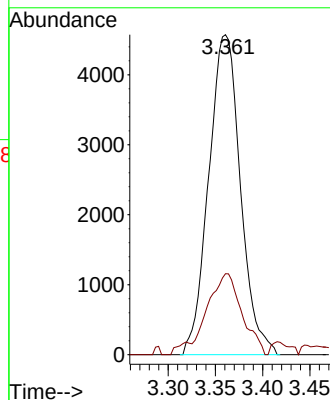
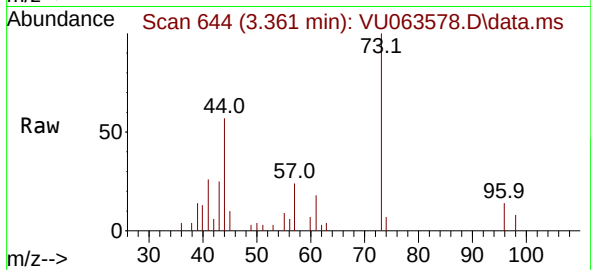
#25
Methyl tert-Butyl Ether
Concen: 0.423 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

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

Tgt Ion: 73 Resp: 10684
Ion Ratio Lower Upper
73 100
43 28.5 18.1 27.1

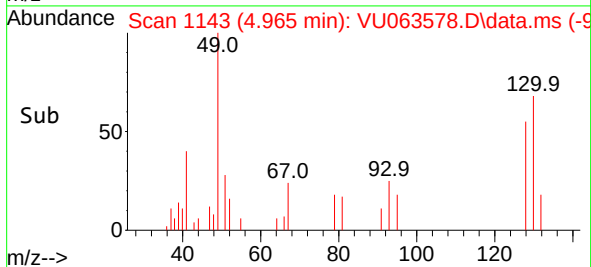
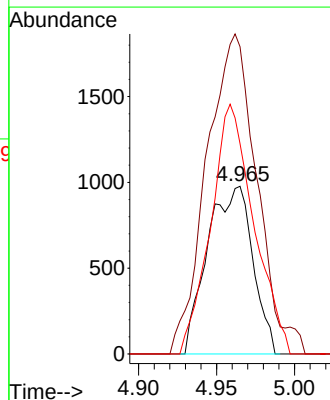
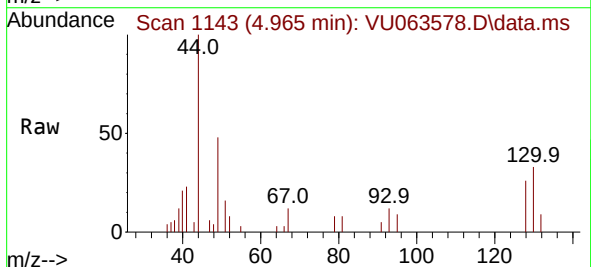
Manual Integrations
APPROVED

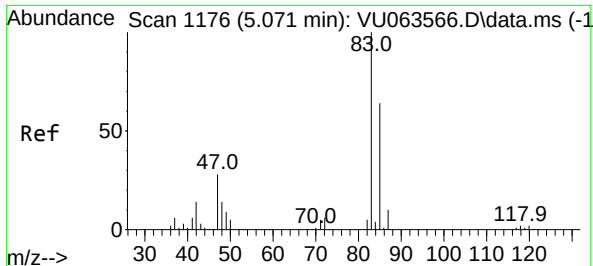
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#26
Bromochloromethane
Concen: 0.441 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. 0.010 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

Tgt Ion:128 Resp: 1973
Ion Ratio Lower Upper
128 100
49 211.6 0.0 410.2
130 141.9 103.4 155.0





#27

Chloroform

Concen: 0.443 ug/l

RT: 5.074 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063578.D

Acq: 15 Sep 2025 14:43

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 83 Resp: 916

Ion Ratio Lower Upper

83 100

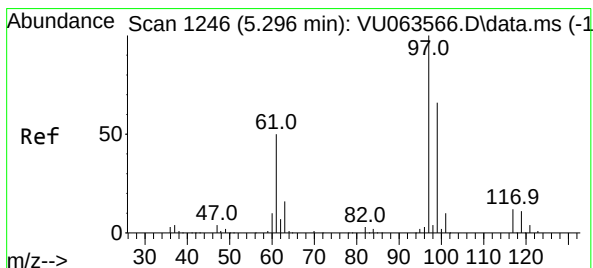
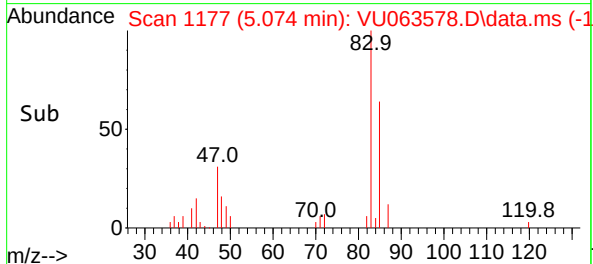
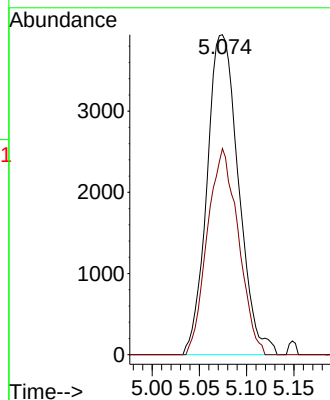
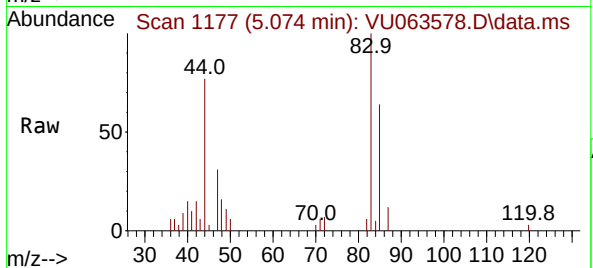
85 64.4 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#28

1,1,1-Trichloroethane

Concen: 0.409 ug/l

RT: 5.299 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VU063578.D

Acq: 15 Sep 2025 14:43

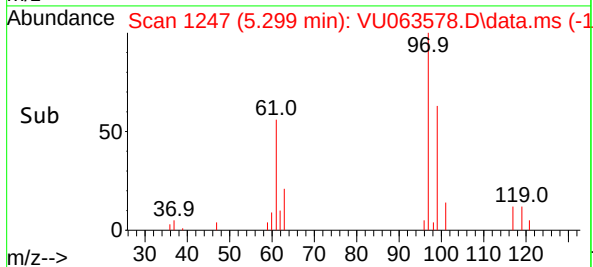
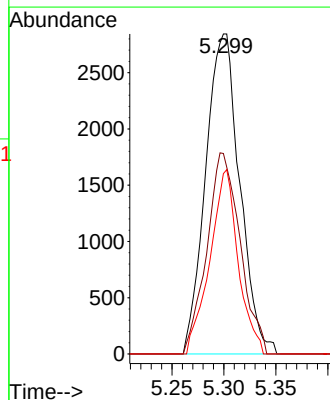
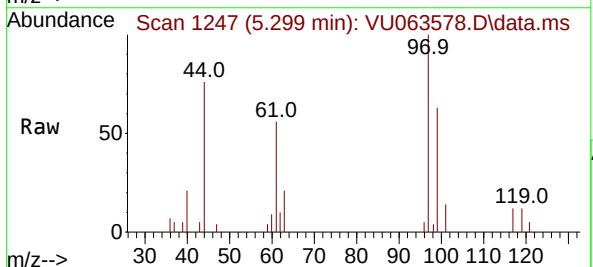
Tgt Ion: 97 Resp: 6498

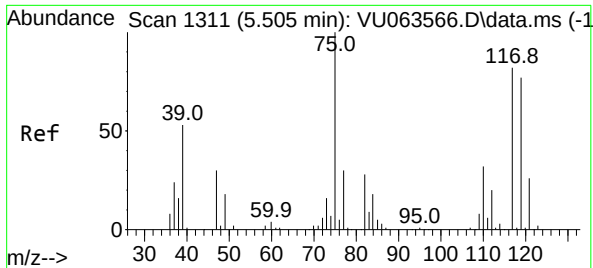
Ion Ratio Lower Upper

97 100

99 61.2 32.4 97.0

61 47.8 25.1 75.4





#29
1,1-Dichloropropene
Concen: 0.424 ug/l
RT: 5.508 min Scan# 1312
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

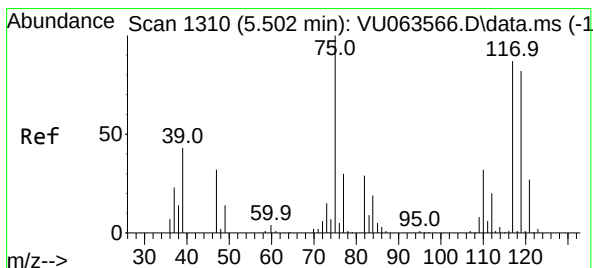
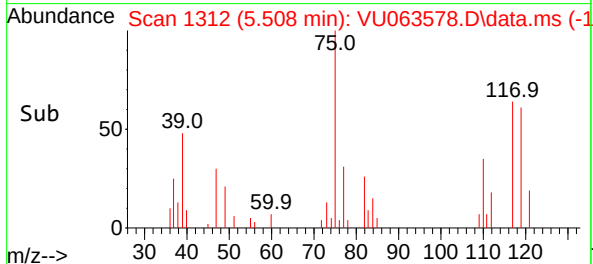
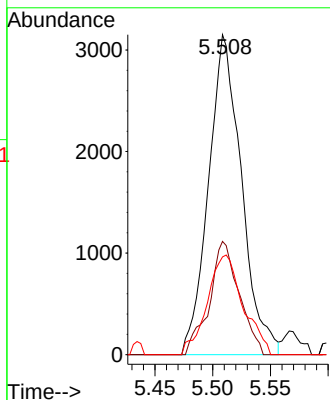
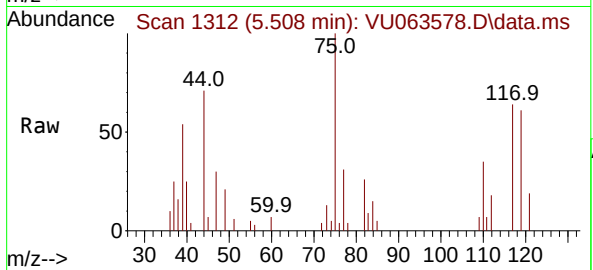
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 75 Resp: 6250

Ion	Ratio	Lower	Upper
75	100		
110	32.0	16.4	49.4
77	33.7	24.6	37.0

Manual Integrations
APPROVED

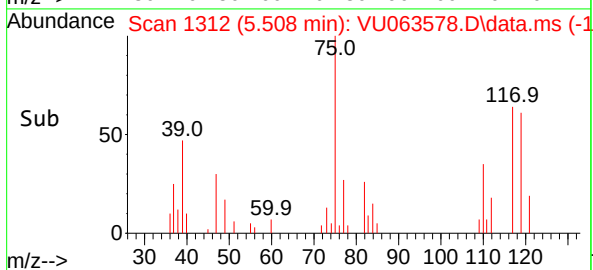
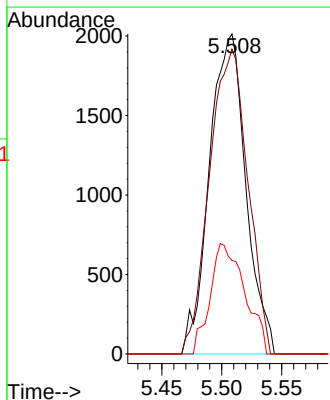
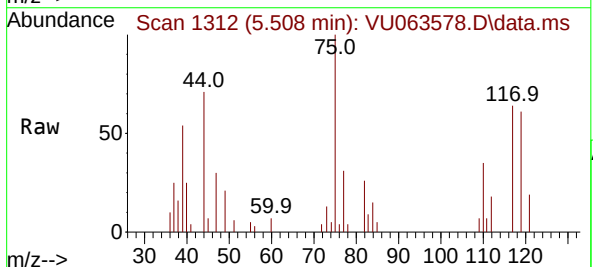
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

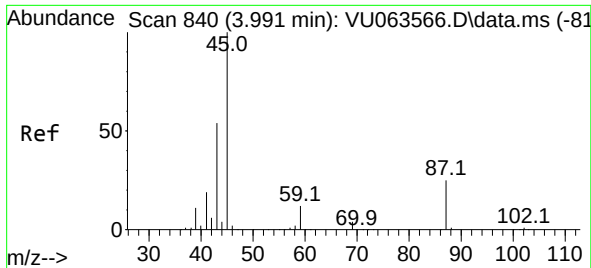


#30
Carbon Tetrachloride
Concen: 0.364 ug/l
RT: 5.508 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

Tgt Ion:117 Resp: 4255

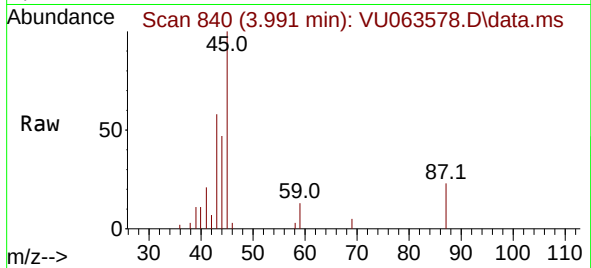
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.7	113.5
121	29.2	25.4	38.0





#31
Isopropyl Ether
Concen: 0.441 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

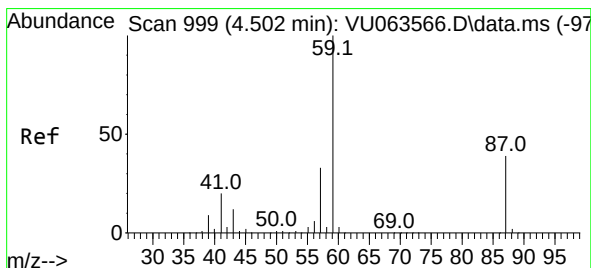
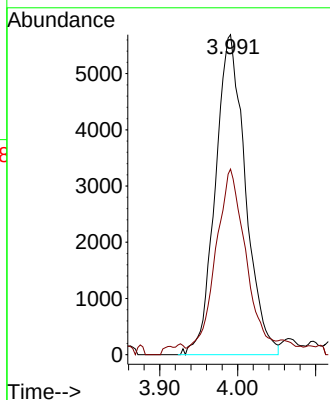
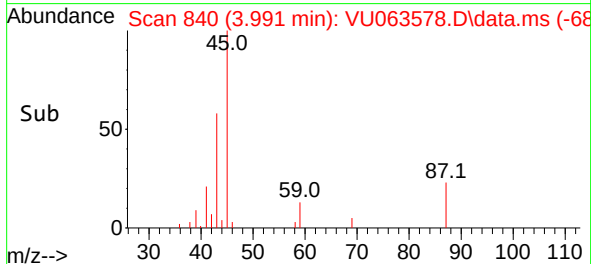
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 45 Resp: 1526
Ion Ratio Lower Upper
45 100
43 55.3 26.2 78.6

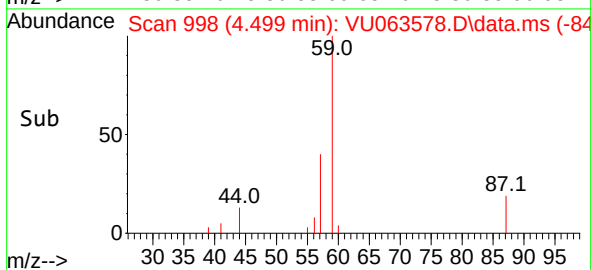
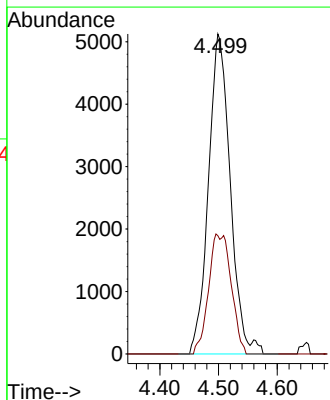
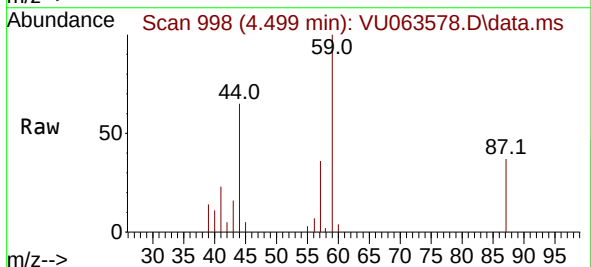
Manual Integrations
APPROVED

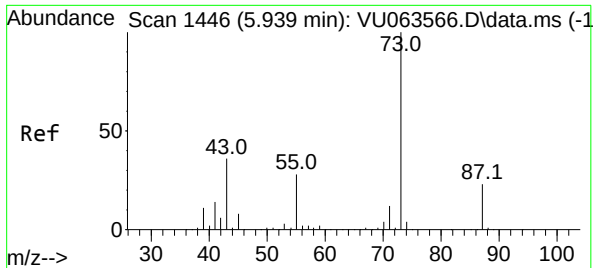
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#32
Ethyl-t-butyl ether
Concen: 0.447 ug/l m
RT: 4.499 min Scan# 998
Delta R.T. -0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

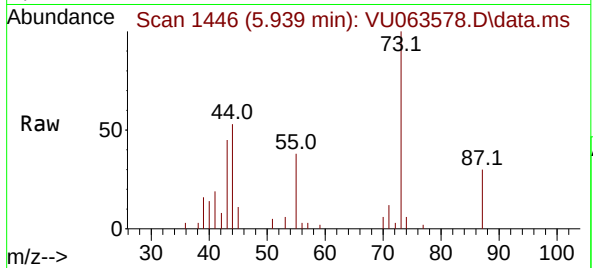
Tgt Ion: 59 Resp: 13203
Ion Ratio Lower Upper
59 100
87 20.3 31.2 46.8#





#33
Tert-Amyl methyl ether
Concen: 0.422 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

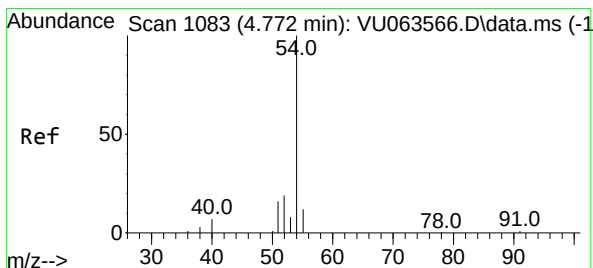
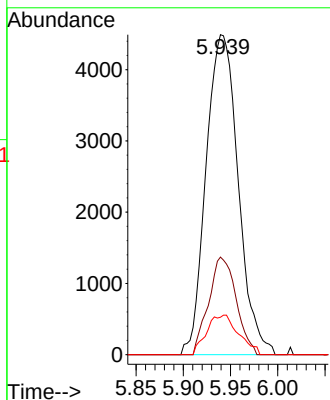
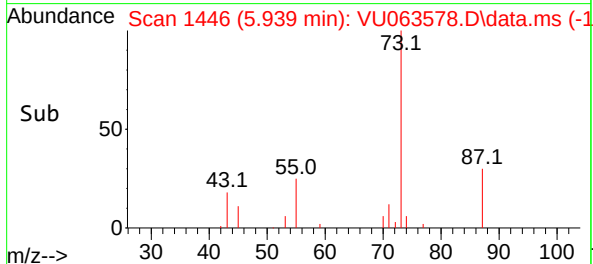
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



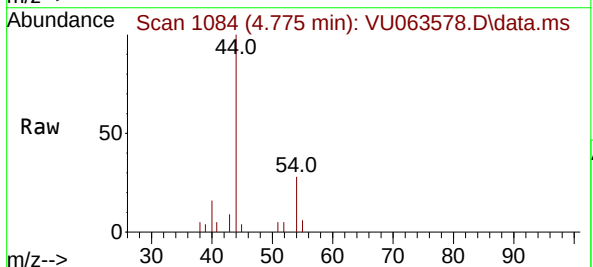
Tgt Ion: 73 Resp: 1062
Ion Ratio Lower Upper
73 100
87 26.1 19.0 28.6
71 12.3 9.4 14.2

Manual Integrations
APPROVED

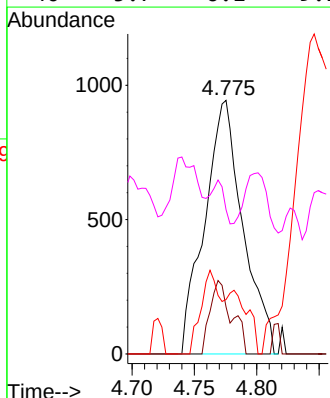
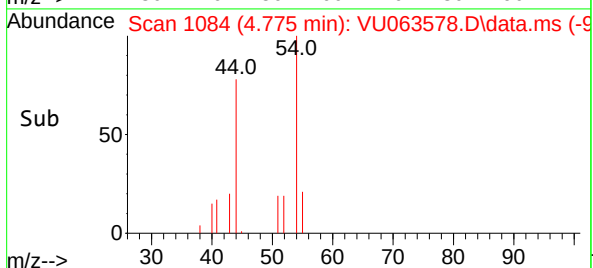
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

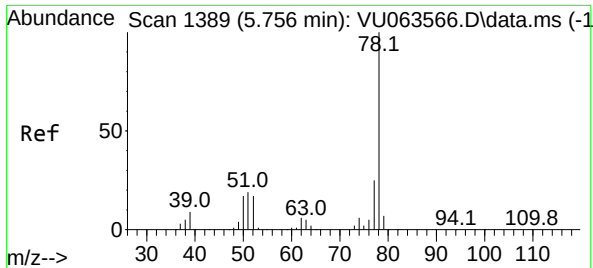


#34
Propionitrile
Concen: 2.086 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43



Tgt Ion: 54 Resp: 2014
Ion Ratio Lower Upper
54 100
52 16.3 15.2 22.8
55 15.9 11.7 17.5
40 5.7 6.1 9.1#





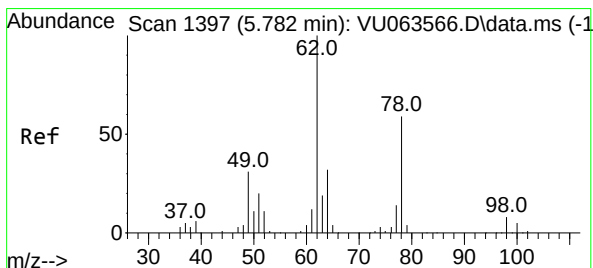
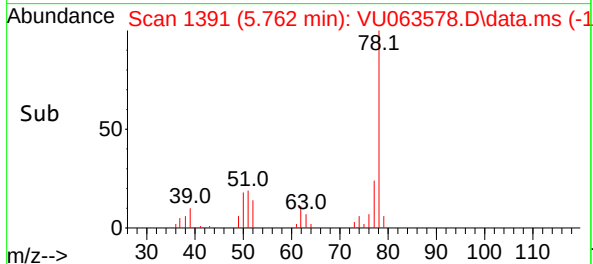
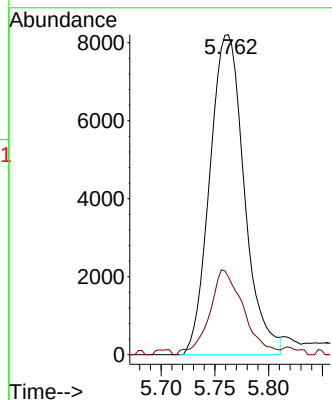
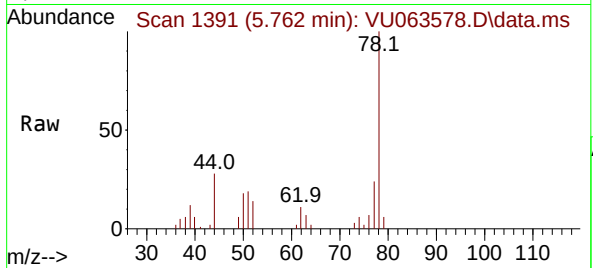
#35
Benzene
Concen: 0.431 ug/l
RT: 5.762 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

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

Tgt Ion: 78 Resp: 1830
Ion Ratio Lower Upper
78 100
77 23.0 19.8 29.8

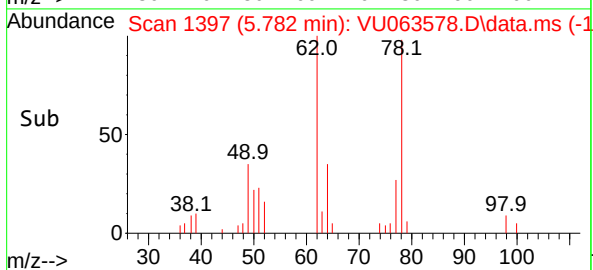
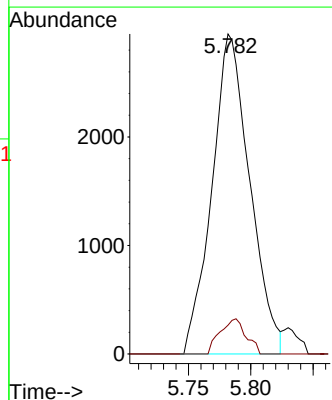
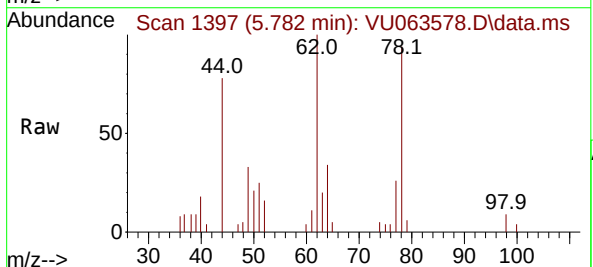
Manual Integrations
APPROVED

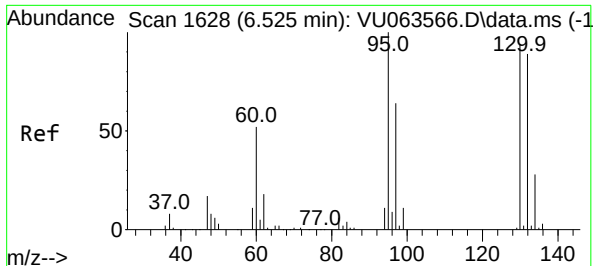
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#36
1,2-Dichloroethane
Concen: 0.435 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

Tgt Ion: 62 Resp: 6232
Ion Ratio Lower Upper
62 100
98 7.6 6.3 9.5





#37

Trichloroethene

Concen: 0.420 ug/l

RT: 6.528 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063578.D

Acq: 15 Sep 2025 14:43

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:130 Resp: 443

Ion Ratio Lower Upper

130 100

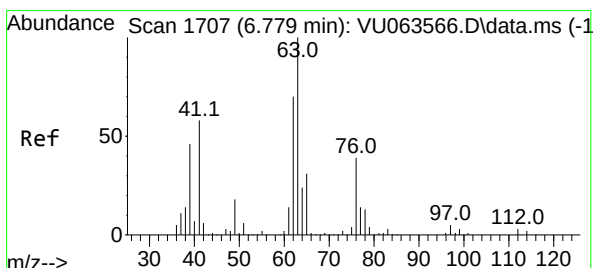
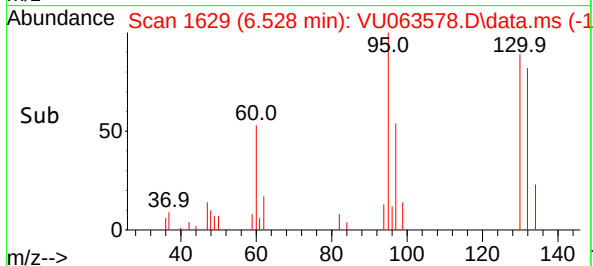
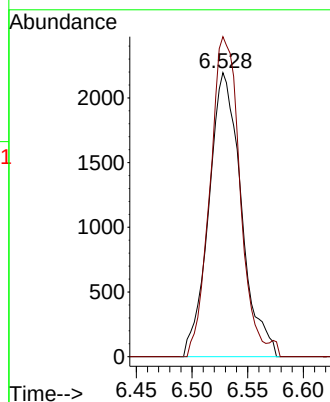
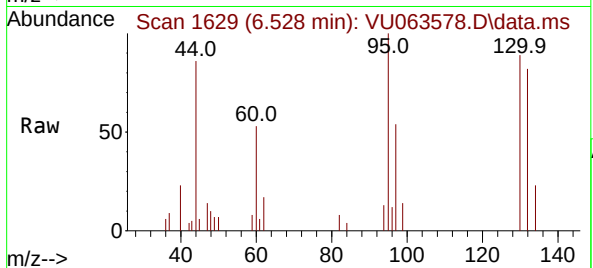
95 112.7 85.4 128.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#38

1,2-Dichloropropane

Concen: 0.499 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VU063578.D

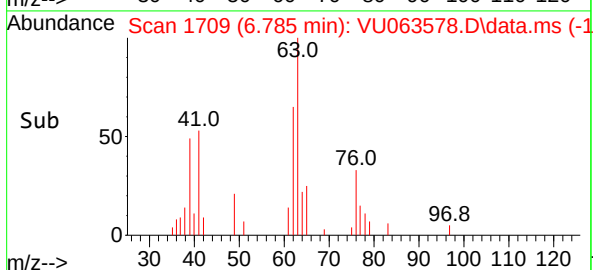
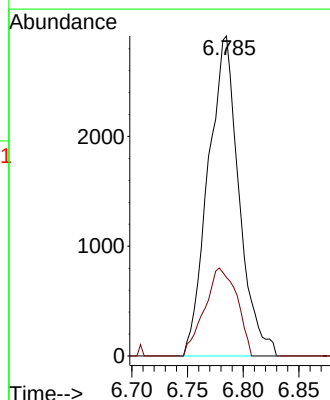
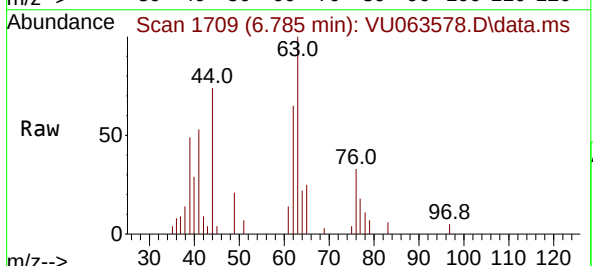
Acq: 15 Sep 2025 14:43

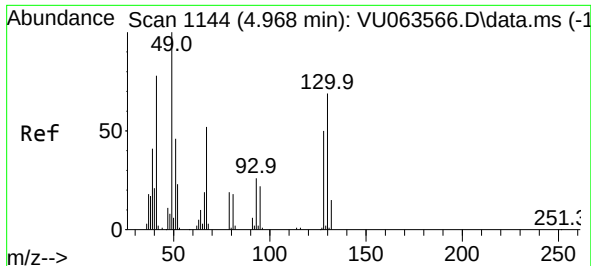
Tgt Ion: 63 Resp: 5614

Ion Ratio Lower Upper

63 100

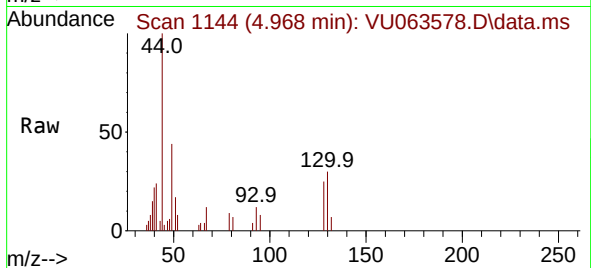
65 24.6 24.9 37.3#





#39
Methacrylonitrile
Concen: 0.521 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

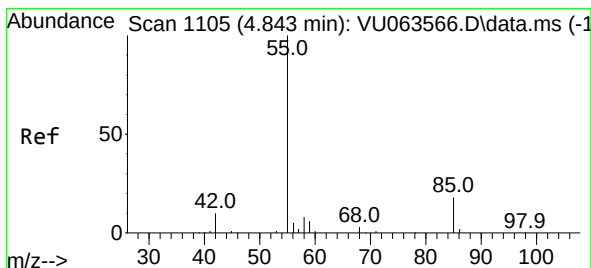
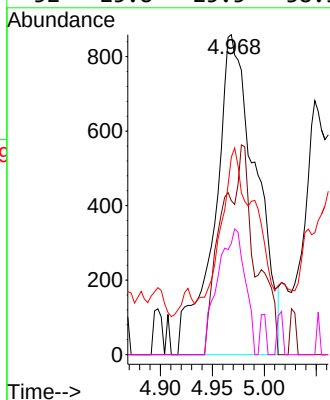
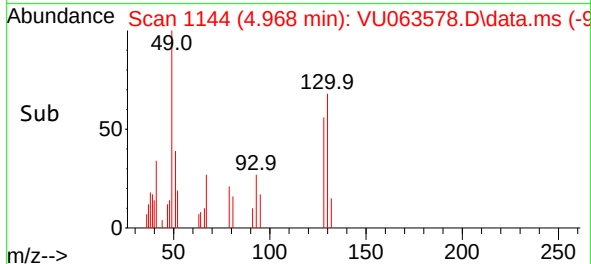
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion	Ratio	Lower	Upper
41	100		
67	23.9	57.7	86.5
39	24.1	44.6	67.0
52	25.8	25.5	38.3

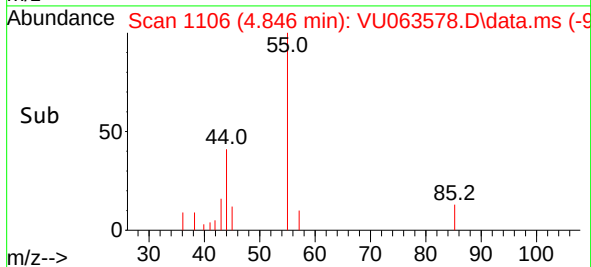
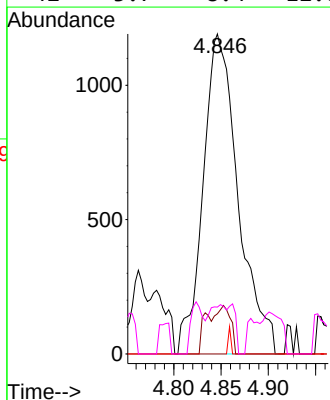
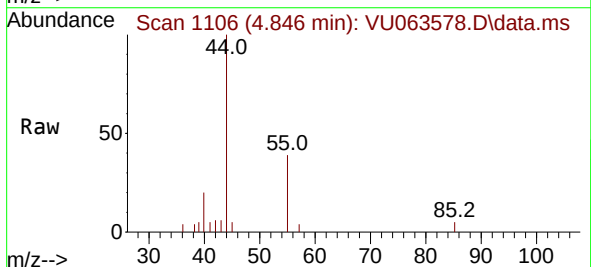
Manual Integrations
APPROVED

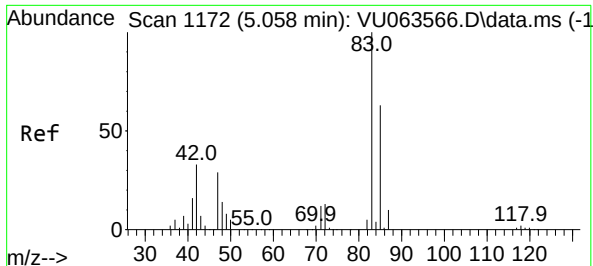
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#40
Methyl acrylate
Concen: 0.492 ug/l
RT: 4.846 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

Tgt Ion	Ratio	Lower	Upper
55	100		
85	5.7	12.8	19.2
58	0.6	6.6	10.0
42	3.7	8.4	12.6





#41

Tetrahydrofuran

Concen: 1.112 ug/l

RT: 5.055 min Scan# 1171

Delta R.T. -0.003 min

Lab File: VU063578.D

Acq: 15 Sep 2025 14:43

Instrument :

MSVOA_U

ClientSampleId :

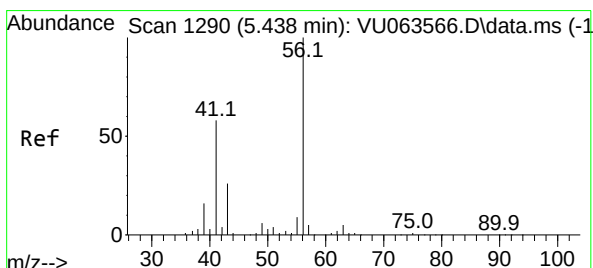
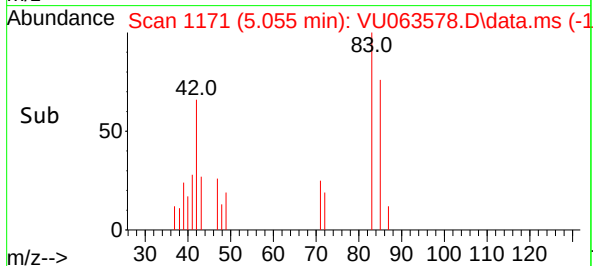
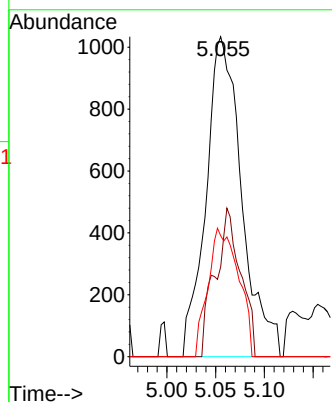
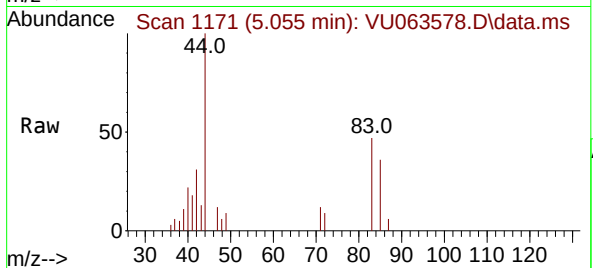
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	42	Resp:	264
Ion Ratio	Lower	Upper	
42	100		
72	33.1	34.1	51.1
71	34.1	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: 0.425 ug/l

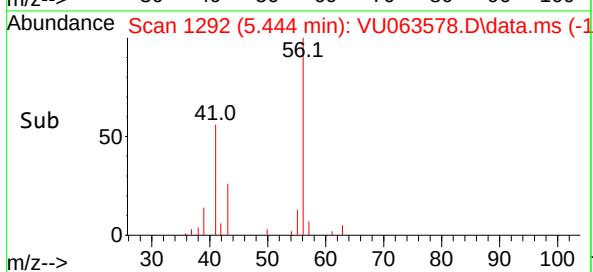
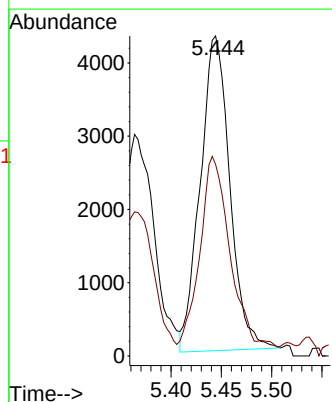
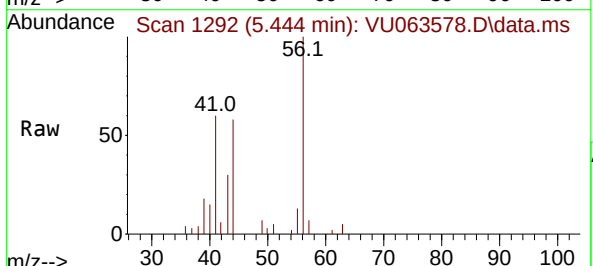
RT: 5.444 min Scan# 1292

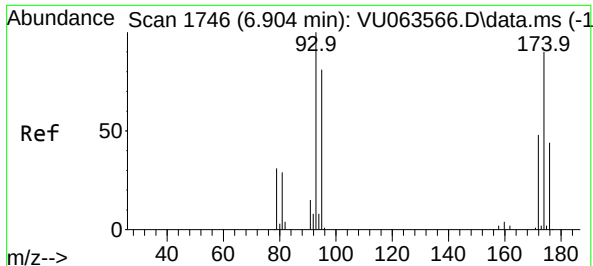
Delta R.T. 0.006 min

Lab File: VU063578.D

Acq: 15 Sep 2025 14:43

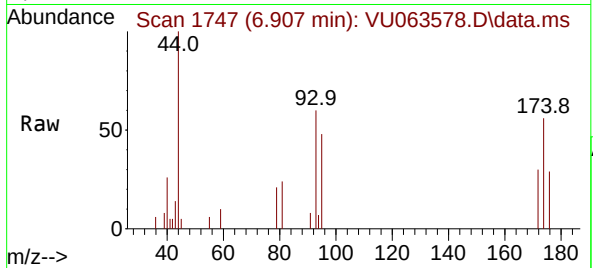
Tgt Ion:	56	Resp:	8782
Ion Ratio	Lower	Upper	
56	100		
41	58.4	28.3	84.9





#43
Dibromomethane
Concen: 0.433 ug/l
RT: 6.907 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

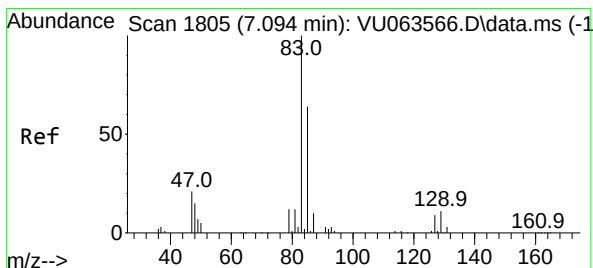
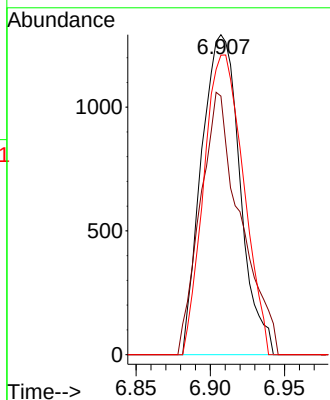
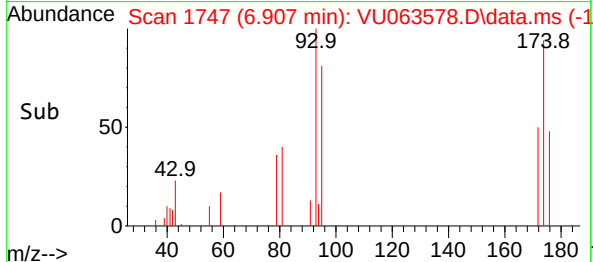
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



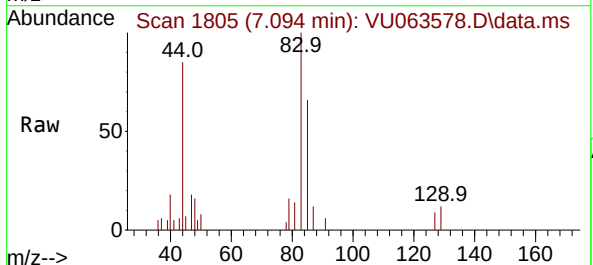
Tgt Ion: 93 Resp: 233
Ion Ratio Lower Upper
93 100
95 85.5 66.6 100.0
174 96.4 72.7 109.1

Manual Integrations
APPROVED

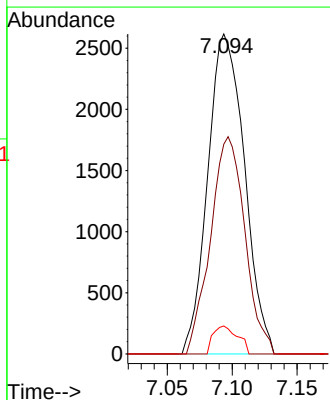
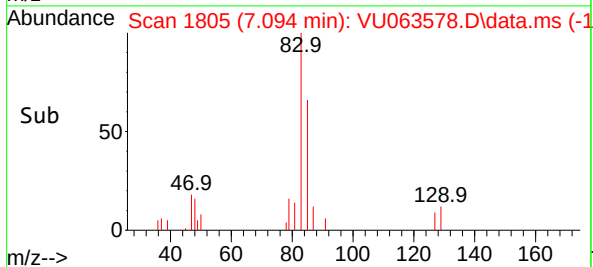
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

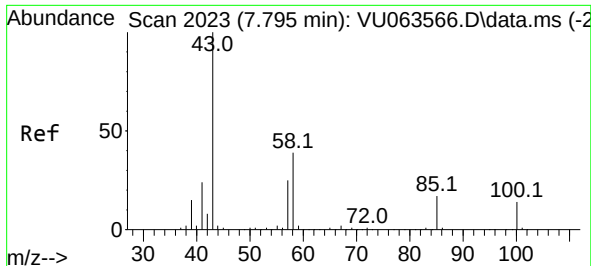


#44
Bromodichloromethane
Concen: 0.446 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43



Tgt Ion: 83 Resp: 5143
Ion Ratio Lower Upper
83 100
85 65.5 51.2 76.8
127 8.8 6.9 10.3





#45

4-Methyl-2-Pentanone

Concen: 2.549 ug/l

RT: 7.798 min Scan# 2023

Delta R.T. 0.003 min

Lab File: VU063578.D

Acq: 15 Sep 2025 14:43

Instrument :

MSVOA_U

ClientSampleId :

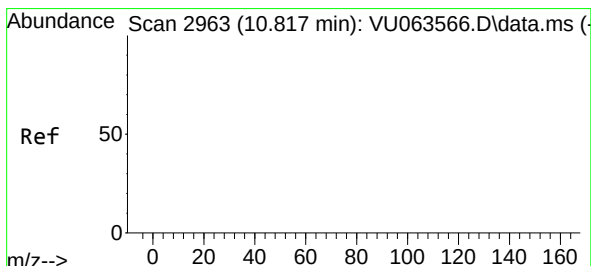
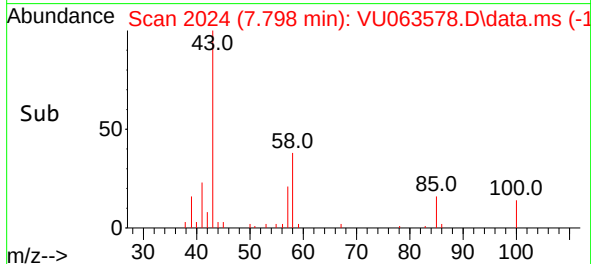
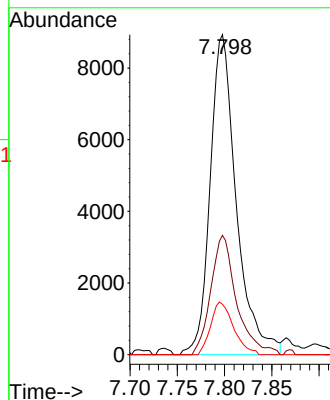
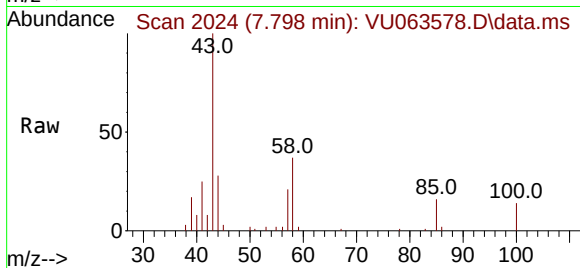
LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 43	Resp: 17220
Ion Ratio	Lower Upper
43 100	
58 36.6	18.9 56.9
85 14.3	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: 0.485 ug/l m

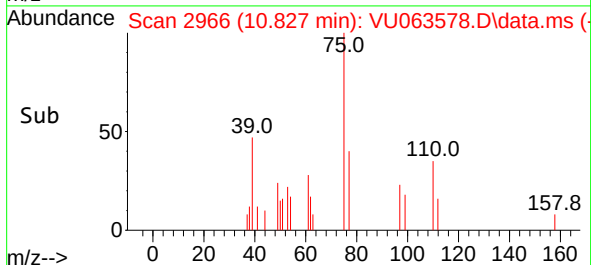
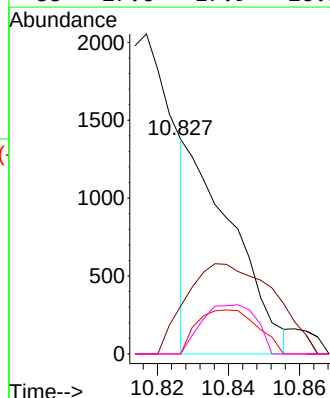
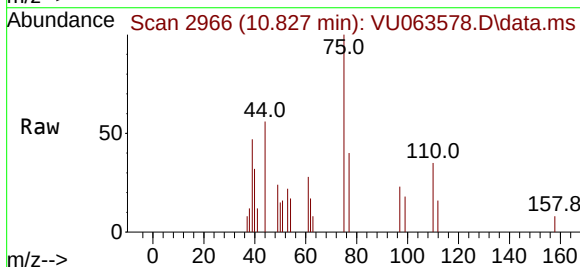
RT: 10.827 min Scan# 2966

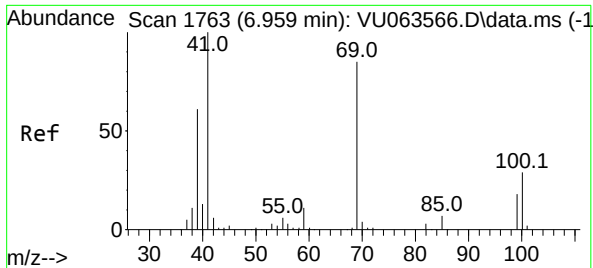
Delta R.T. 0.010 min

Lab File: VU063578.D

Acq: 15 Sep 2025 14:43

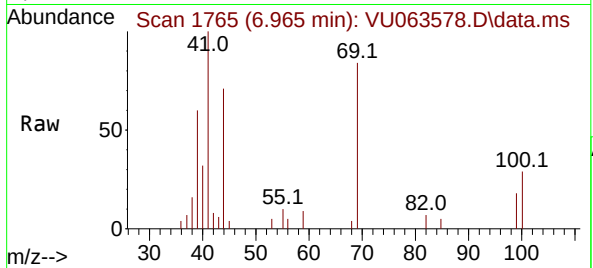
Tgt Ion: 75	Resp: 1226
Ion Ratio	Lower Upper
75 100	
53 81.3	43.2 64.8#
89 27.2	21.9 32.9
88 27.6	17.9 26.9#





#47
Methyl methacrylate
Concen: 0.929 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

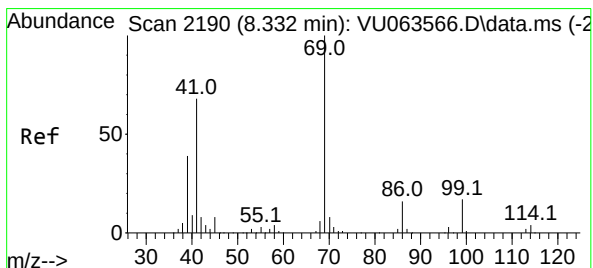
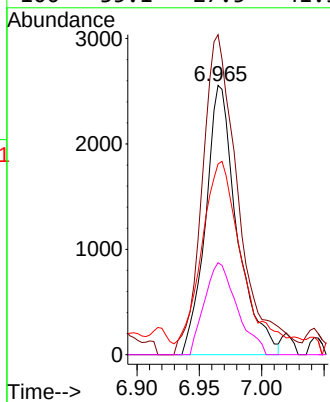
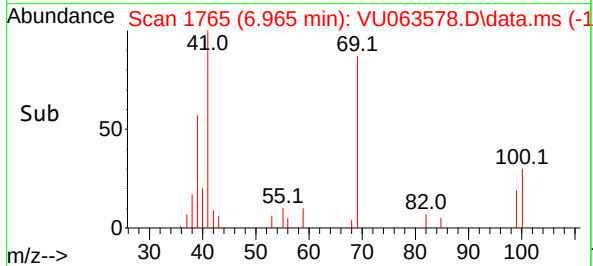
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 69 Resp: 4489
Ion Ratio Lower Upper
69 100
41 138.4 0.0 236.8
39 81.9 57.8 86.6
100 35.1 27.5 41.3

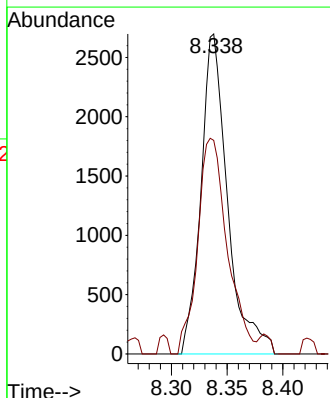
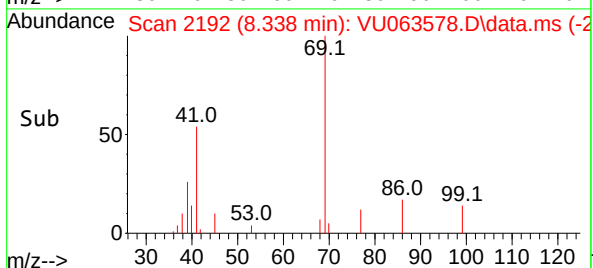
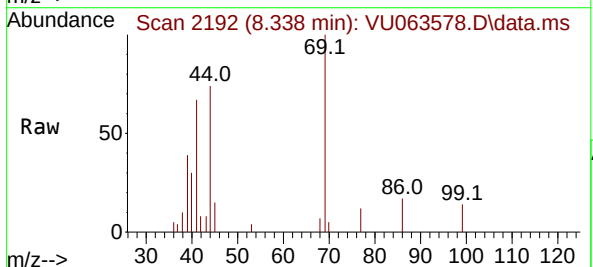
Manual Integrations
APPROVED

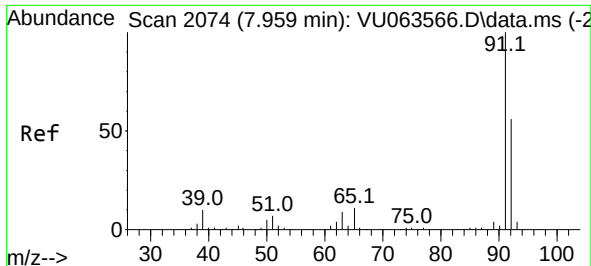
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#48
Ethyl methacrylate
Concen: 0.502 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.006 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

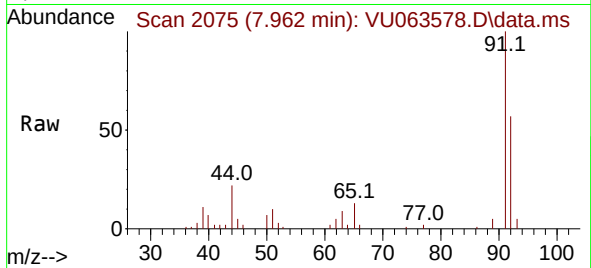
Tgt Ion: 69 Resp: 4496
Ion Ratio Lower Upper
69 100
41 75.0 33.7 101.1





#49
Toluene
Concen: 0.460 ug/l
RT: 7.962 min Scan# 2074
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

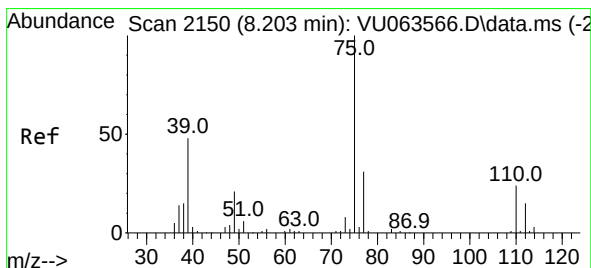
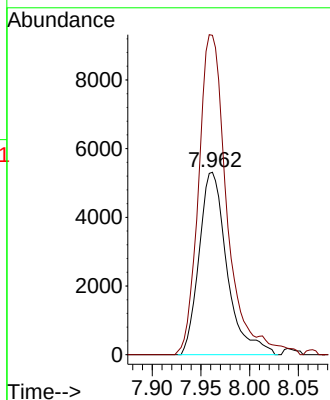
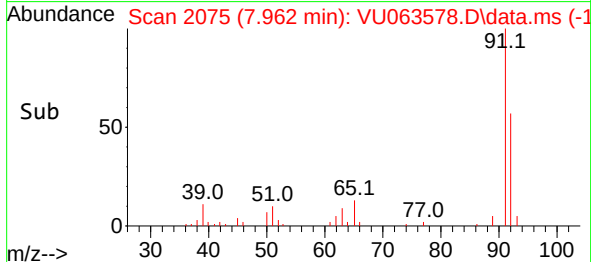
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 92 Resp: 1059
Ion Ratio Lower Upper
92 100
91 178.5 139.4 209.2

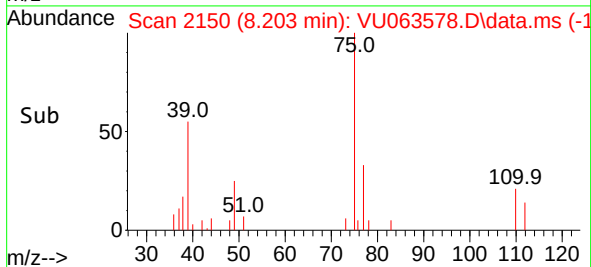
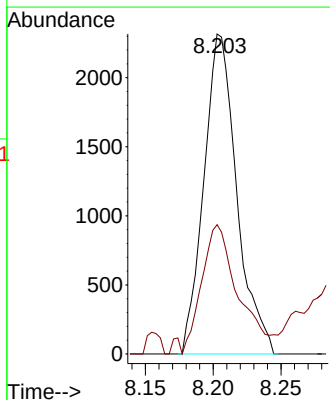
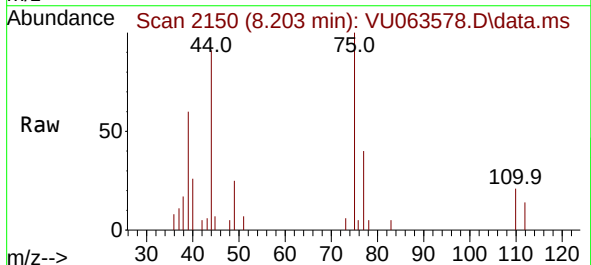
Manual Integrations
APPROVED

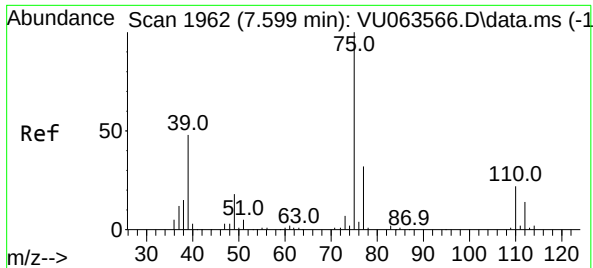
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#50
t-1,3-Dichloropropene
Concen: 0.453 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

Tgt Ion: 75 Resp: 3915
Ion Ratio Lower Upper
75 100
77 35.4 24.8 37.2





#51
 cis-1,3-Dichloropropene
 Concen: 0.453 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU063578.D
 Acq: 15 Sep 2025 14:43

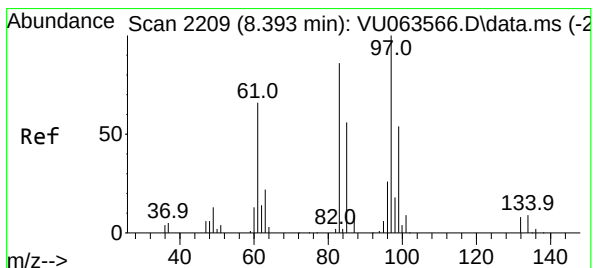
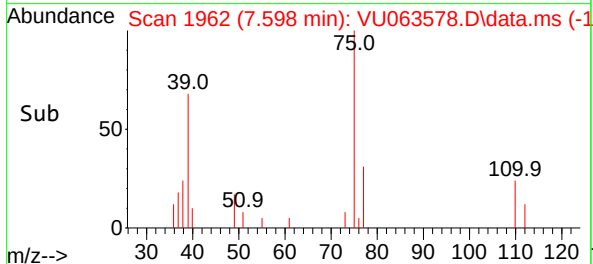
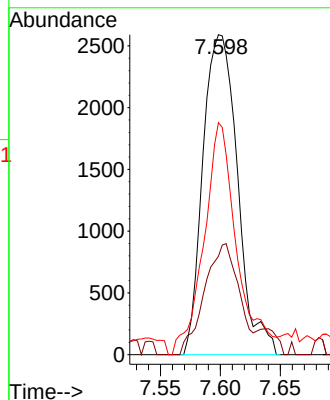
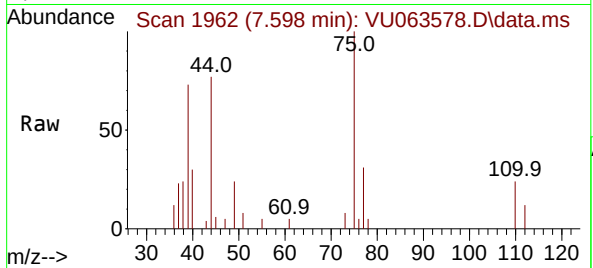
Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Tgt Ion: 75 Resp: 5200

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.2	37.8
39	66.8	38.8	58.2

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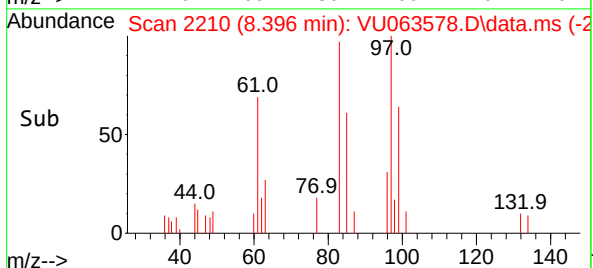
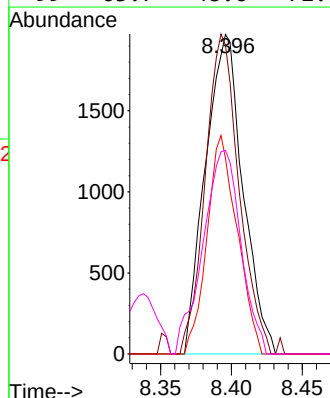
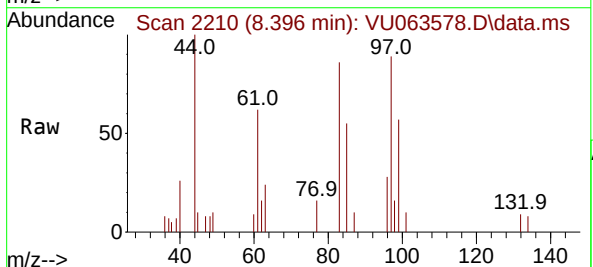
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

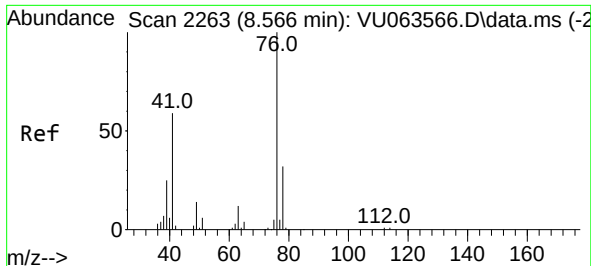


#52
 1,1,2-Trichloroethane
 Concen: 0.474 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063578.D
 Acq: 15 Sep 2025 14:43

Tgt Ion: 97 Resp: 3619

Ion	Ratio	Lower	Upper
97	100		
83	96.7	68.5	102.7
85	61.2	45.0	67.6
99	63.7	48.6	72.8





#53

1,3-Dichloropropane

Concen: 0.438 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063578.D

Acq: 15 Sep 2025 14:43

Instrument :

MSVOA_U

ClientSampleId :

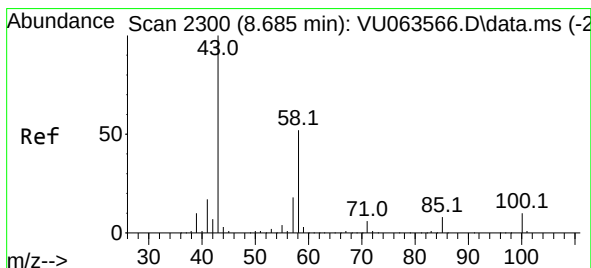
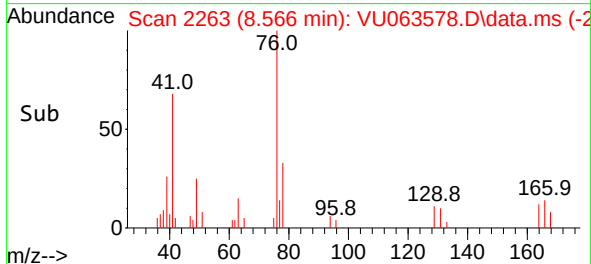
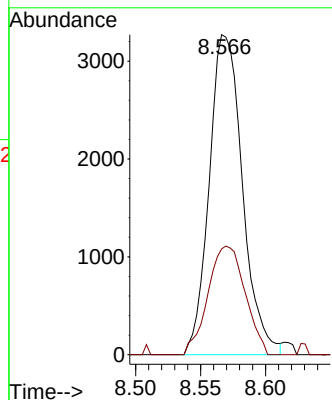
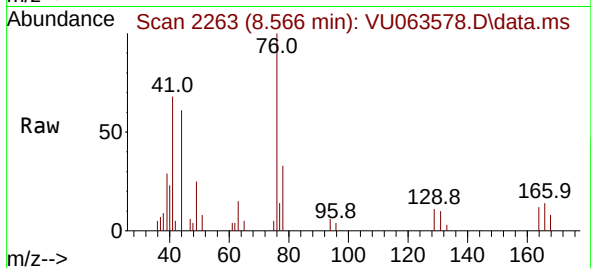
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:	76	Resp:	581
Ion Ratio	Lower	Upper	
76	100		
78	37.8	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: 2.428 ug/l

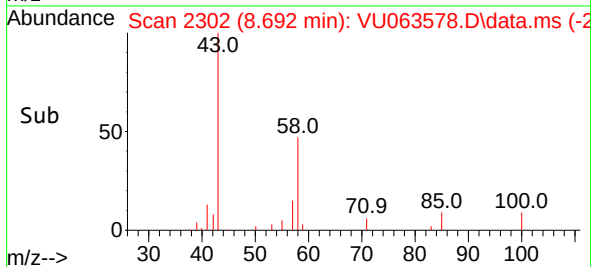
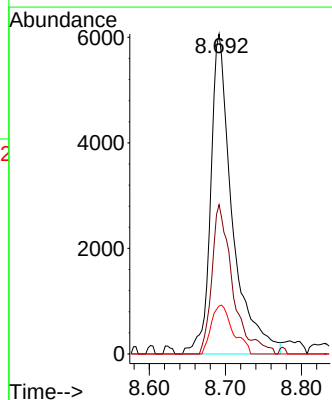
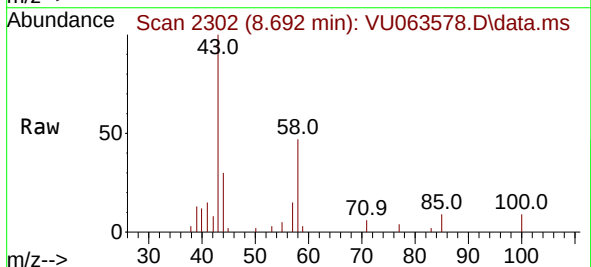
RT: 8.692 min Scan# 2302

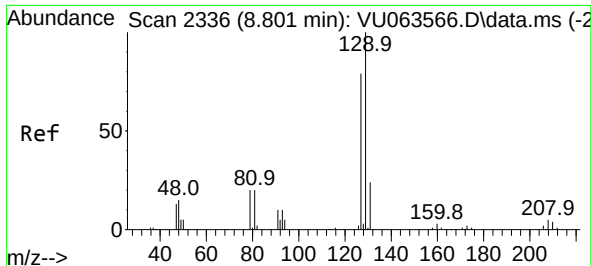
Delta R.T. 0.006 min

Lab File: VU063578.D

Acq: 15 Sep 2025 14:43

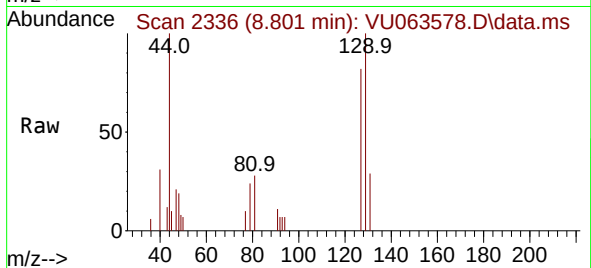
Tgt Ion:	43	Resp:	11989
Ion Ratio	Lower	Upper	
43	100		
58	44.7	32.7	72.7
57	15.3	0.0	38.2





#55
Dibromochloromethane
Concen: 0.350 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

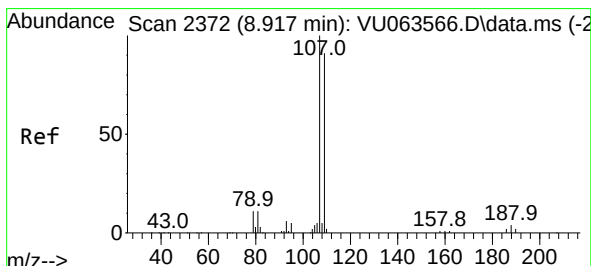
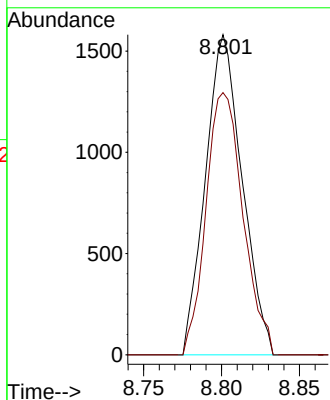
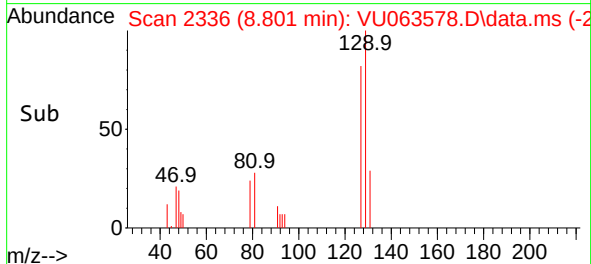
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



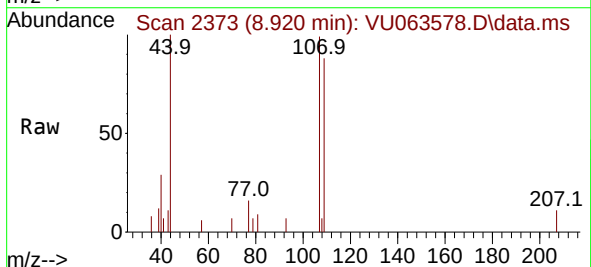
Tgt Ion:129 Resp: 259
Ion Ratio Lower Upper
129 100
127 82.5 61.9 92.9

Manual Integrations
APPROVED

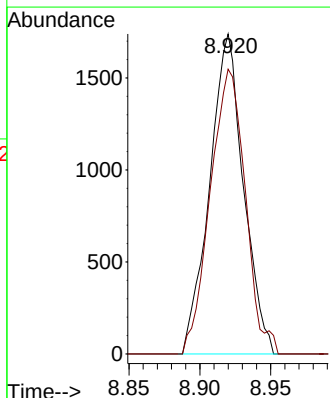
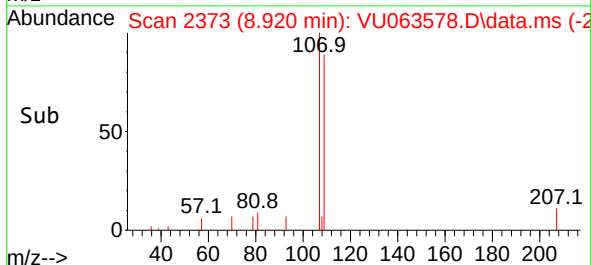
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

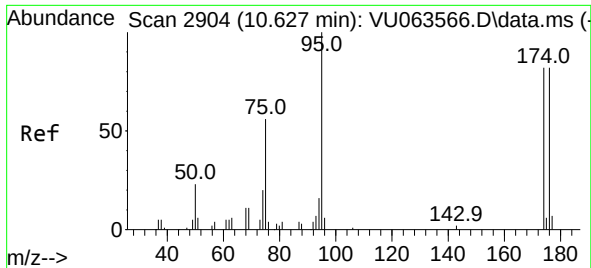


#56
1,2-Dibromoethane
Concen: 0.440 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43



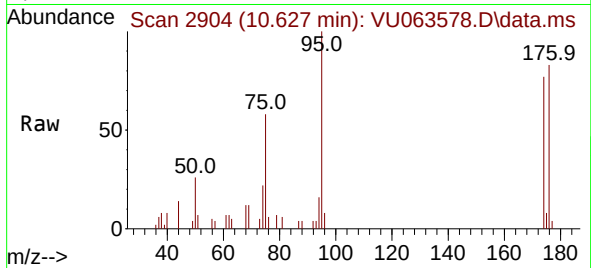
Tgt Ion:107 Resp: 2896
Ion Ratio Lower Upper
107 100
109 92.0 0.0 183.6





#57
4-Bromofluorobenzene
Concen: 0.834 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

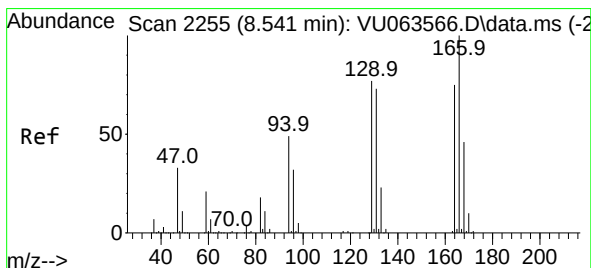
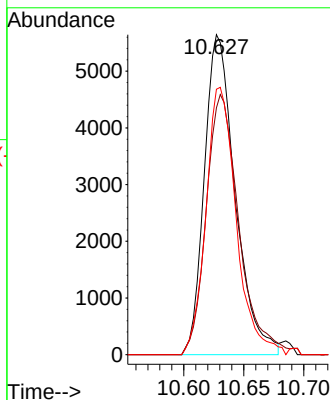
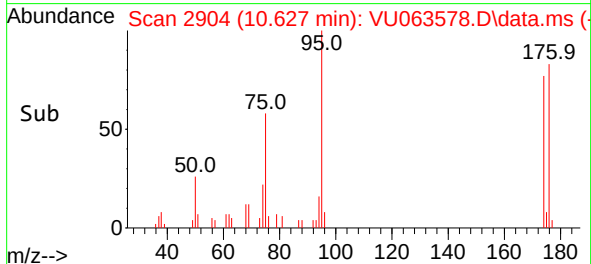
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion: 95 Resp: 1008
Ion Ratio Lower Upper
95 100
174 86.6 64.7 97.1
176 82.2 66.2 99.4

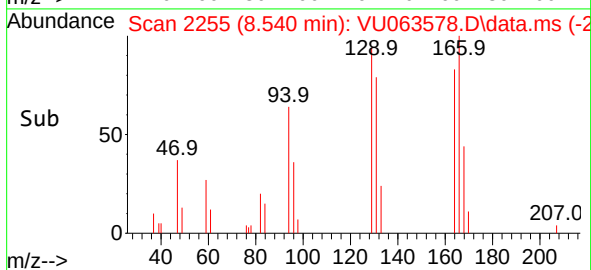
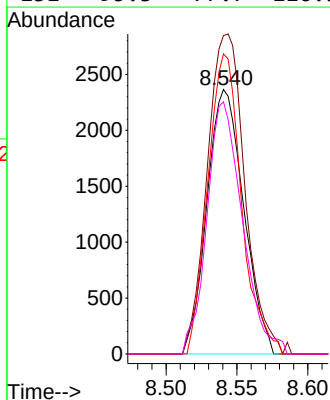
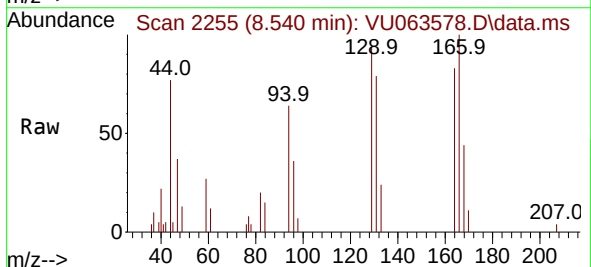
Manual Integrations
APPROVED

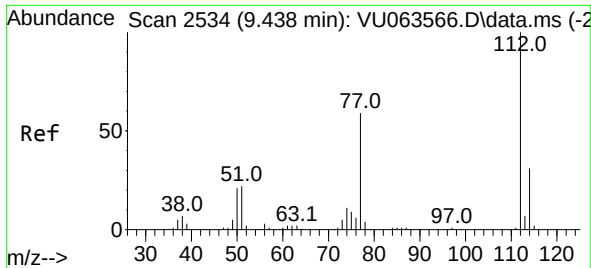
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#58
Tetrachloroethene
Concen: 0.410 ug/l
RT: 8.540 min Scan# 2255
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

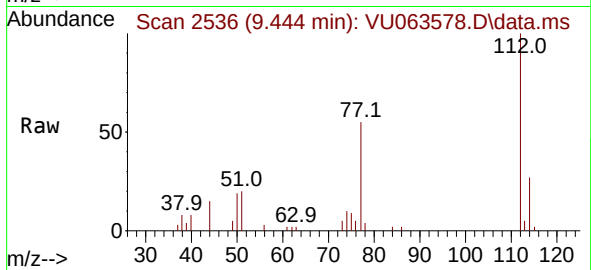
Tgt Ion:164 Resp: 4270
Ion Ratio Lower Upper
164 100
166 120.4 106.4 159.6
129 113.4 81.4 122.2
131 95.3 77.7 116.5





#59
Chlorobenzene
Concen: 0.433 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

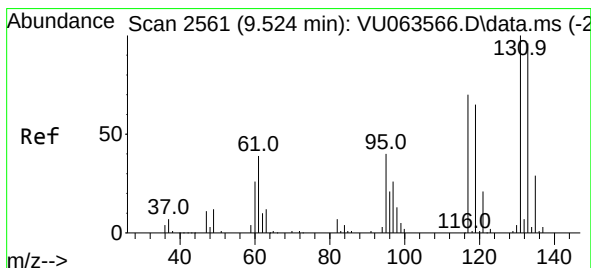
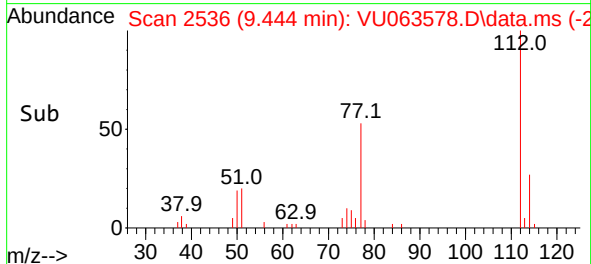
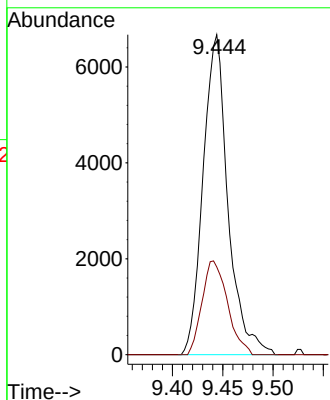
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



Tgt Ion:112 Resp: 11490
Ion Ratio Lower Upper
112 100
114 27.4 25.0 37.4

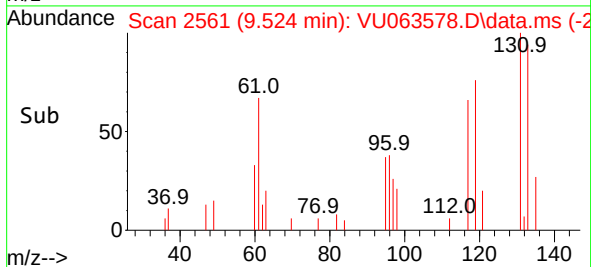
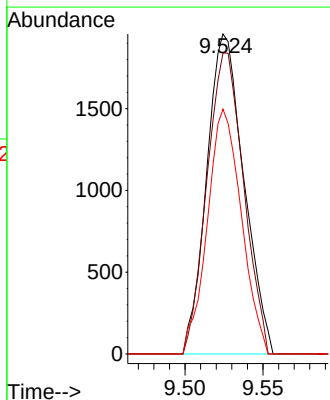
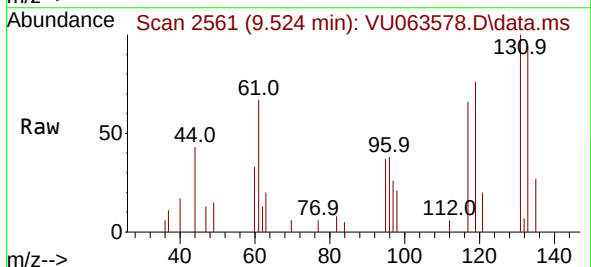
Manual Integrations
APPROVED

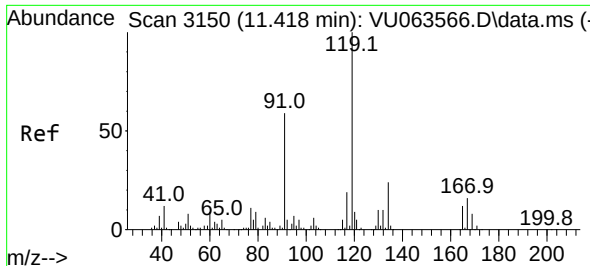
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 0.373 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

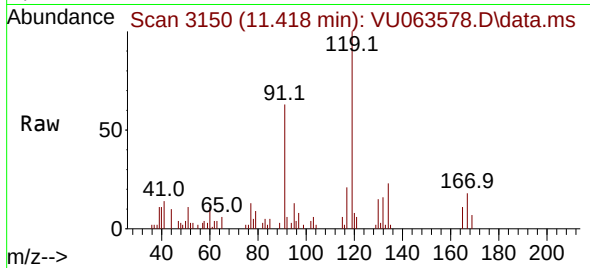
Tgt Ion:131 Resp: 3232
Ion Ratio Lower Upper
131 100
133 93.0 75.8 113.8
119 70.3 51.8 77.6





#61
Pentachloroethane
Concen: 0.376 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

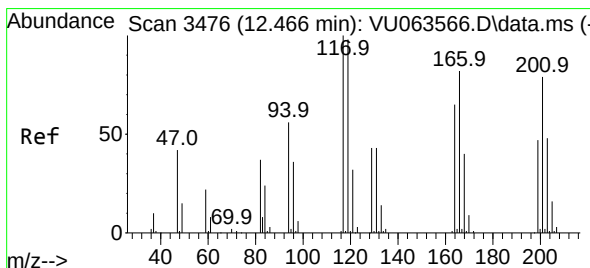
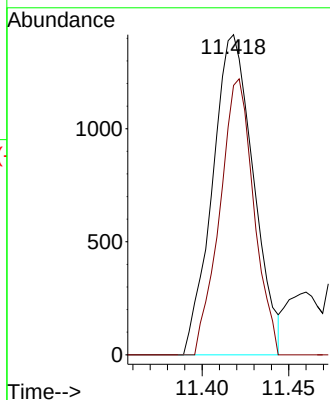
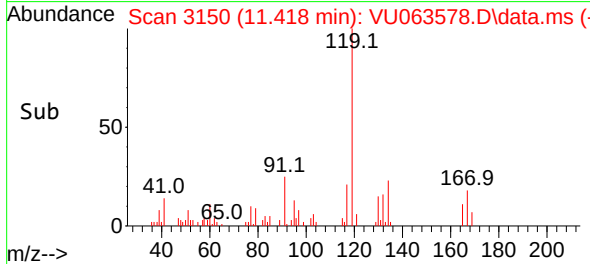
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



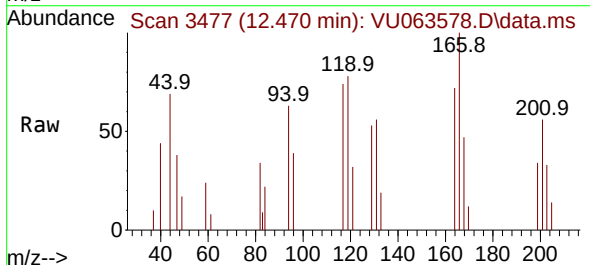
Tgt Ion:117 Resp: 2335
Ion Ratio Lower Upper
117 100
167 71.3 62.6 93.8

Manual Integrations
APPROVED

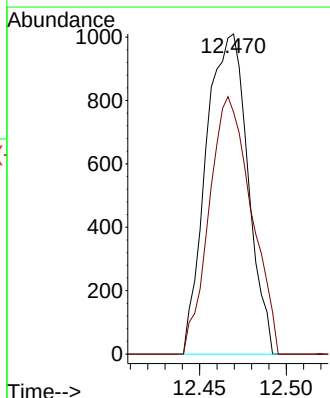
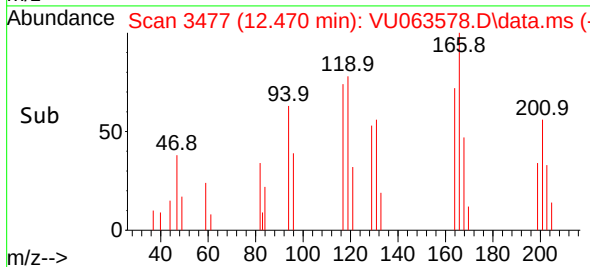
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

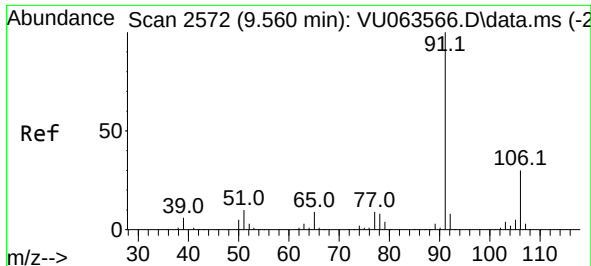


#62
Hexachloroethane
Concen: 0.313 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43



Tgt Ion:117 Resp: 1693
Ion Ratio Lower Upper
117 100
201 81.4 61.0 91.6





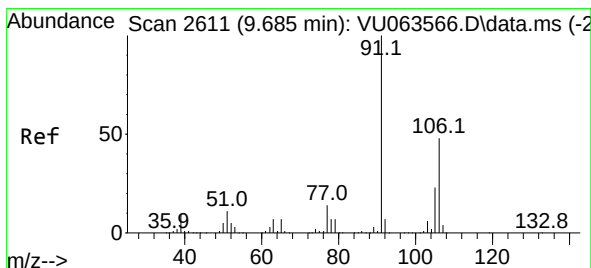
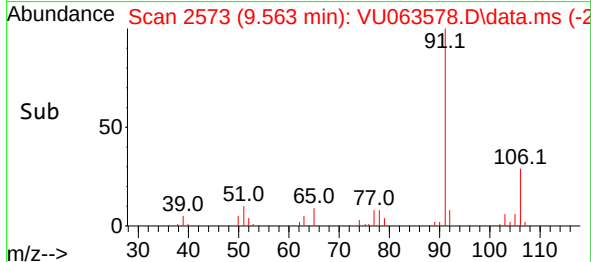
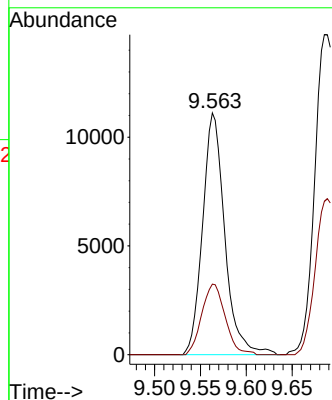
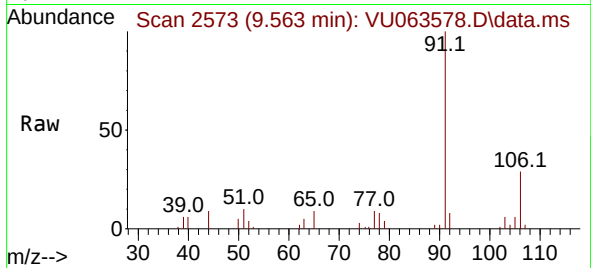
#63
Ethyl Benzene
Concen: 0.412 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

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

Tgt Ion: 91 Resp: 1868
Ion Ratio Lower Upper
91 100
106 29.2 23.8 35.8

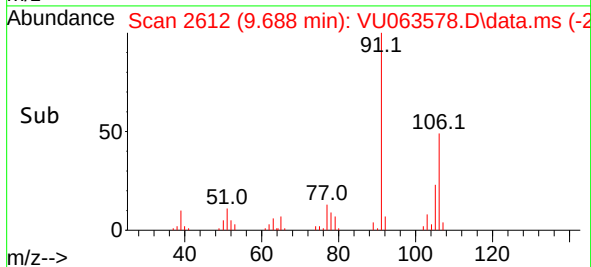
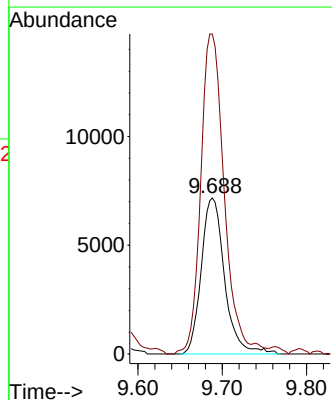
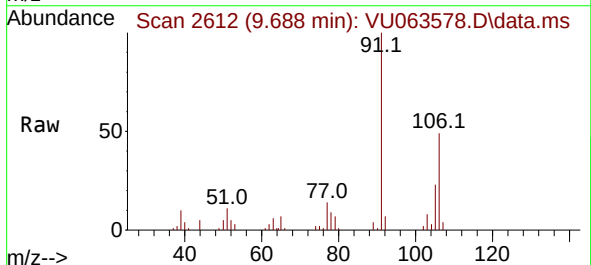
Manual Integrations
APPROVED

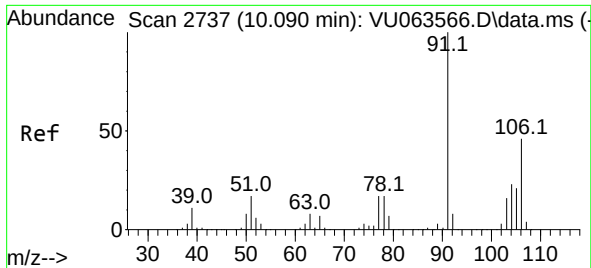
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#64
m/p-Xylenes
Concen: 0.794 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

Tgt Ion:106 Resp: 13832
Ion Ratio Lower Upper
106 100
91 203.4 167.0 250.4





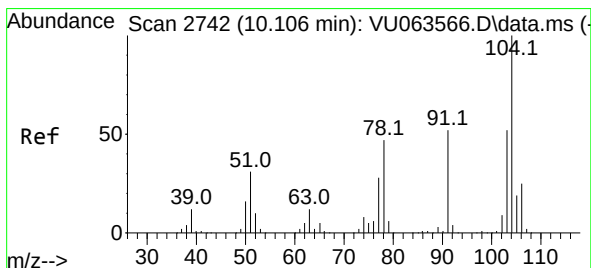
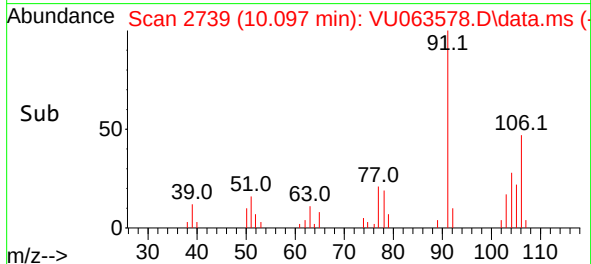
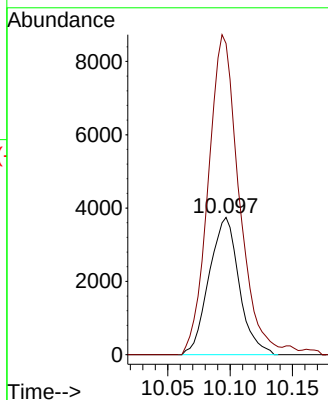
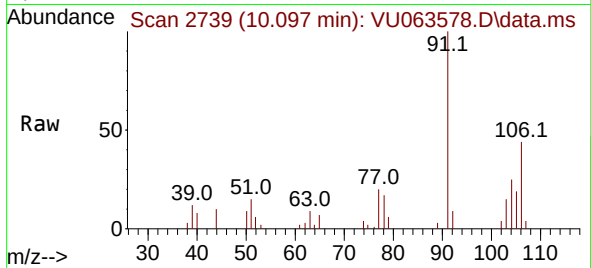
#65
o-Xylene
Concen: 0.361 ug/l
RT: 10.097 min Scan# 2737
Delta R.T. 0.006 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

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

Tgt Ion:106 Resp: 629
Ion Ratio Lower Upper
106 100
91 238.0 108.7 326.1

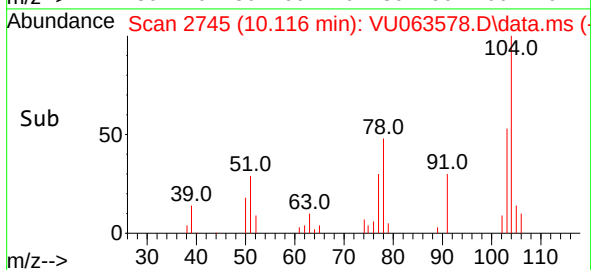
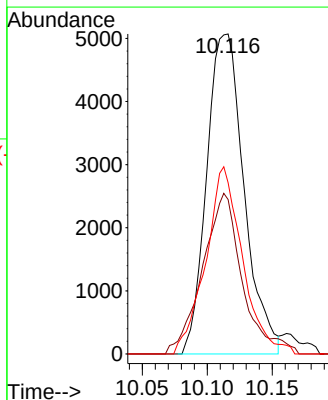
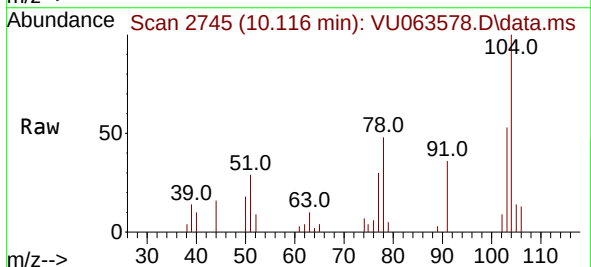
Manual Integrations
APPROVED

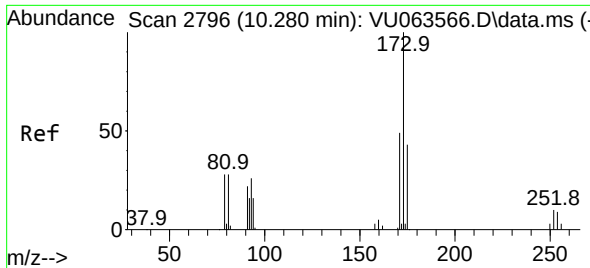
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#66
Styrene
Concen: 0.364 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.010 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

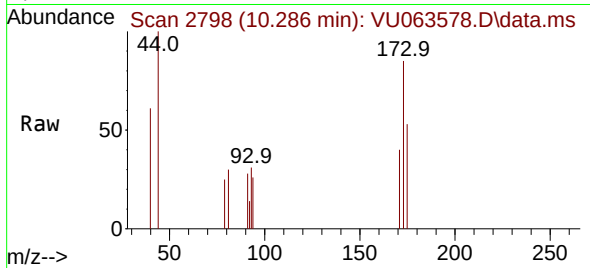
Tgt Ion:104 Resp: 10137
Ion Ratio Lower Upper
104 100
78 53.4 41.2 61.8
103 57.7 44.2 66.2





#67
Bromoform
Concen: 0.292 ug/l
RT: 10.286 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

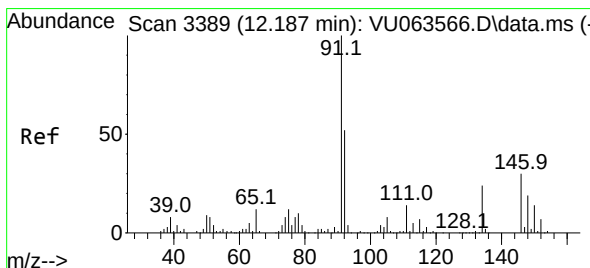
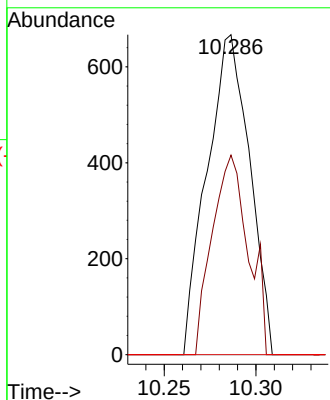
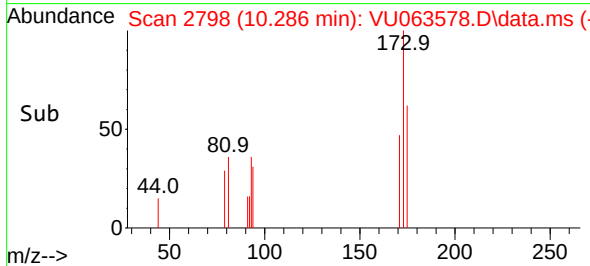
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



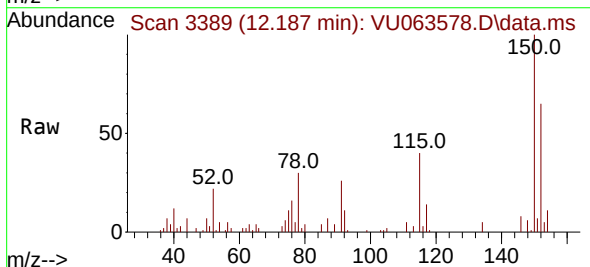
Tgt Ion:173 Resp: 1070
Ion Ratio Lower Upper
173 100
175 53.0 37.0 55.6
254 0.0 7.1 10.7

Manual Integrations
APPROVED

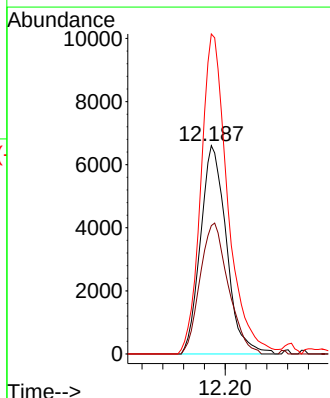
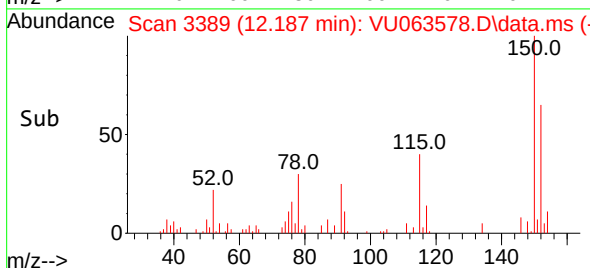
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

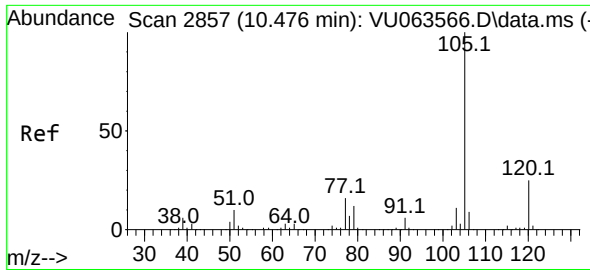


#68
1,2-Dichlorobenzene-d4
Concen: 0.928 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43



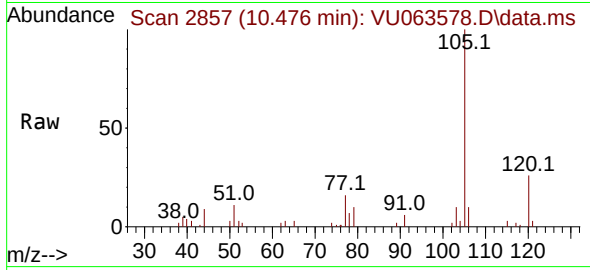
Tgt Ion:152 Resp: 11434
Ion Ratio Lower Upper
152 100
115 68.5 0.0 260.6
150 158.6 0.0 661.8





#69
Isopropylbenzene
Concen: 0.387 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

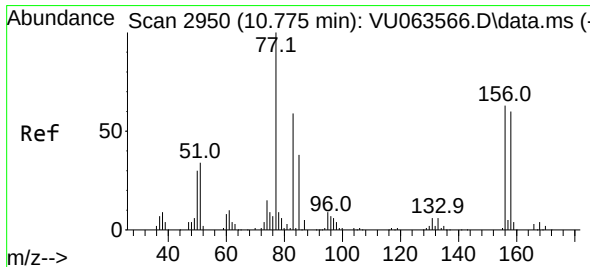
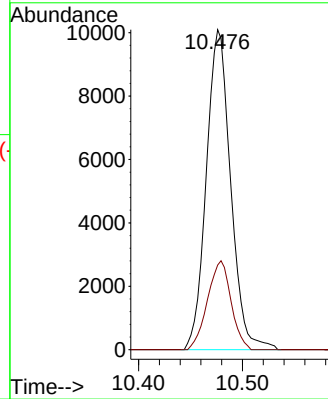
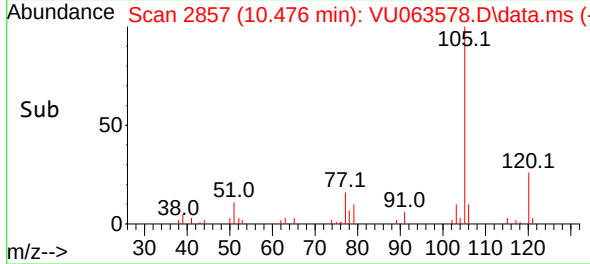
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



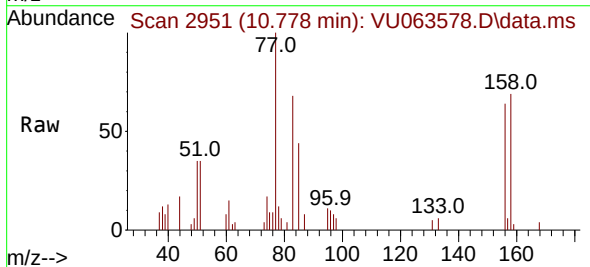
Tgt Ion:105 Resp: 16390
Ion Ratio Lower Upper
105 100
120 26.8 12.7 38.0

Manual Integrations
APPROVED

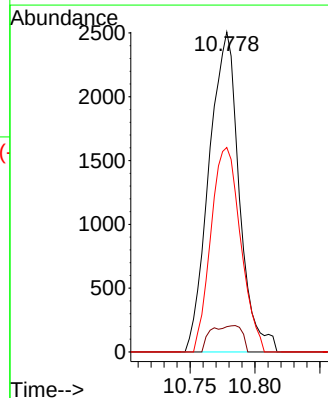
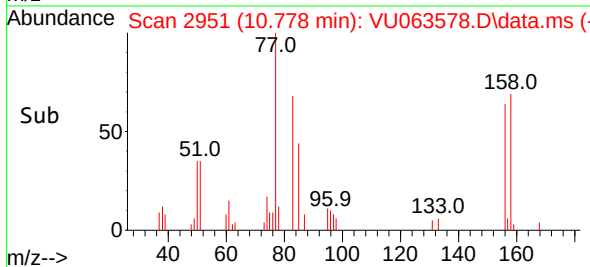
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

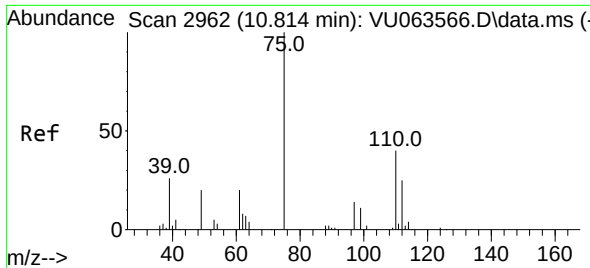


#70
1,1,2,2-Tetrachloroethane
Concen: 0.416 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43



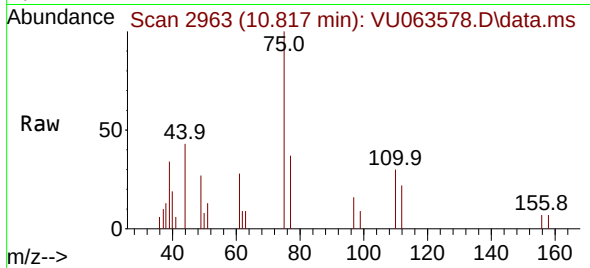
Tgt Ion: 83 Resp: 4043
Ion Ratio Lower Upper
83 100
131 8.5 7.7 11.5
85 63.1 52.2 78.4





#71
1,2,3-Trichloropropane
Concen: 0.414 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

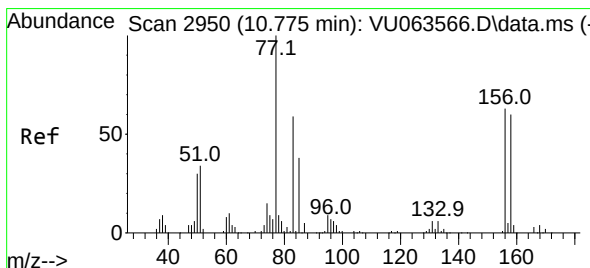
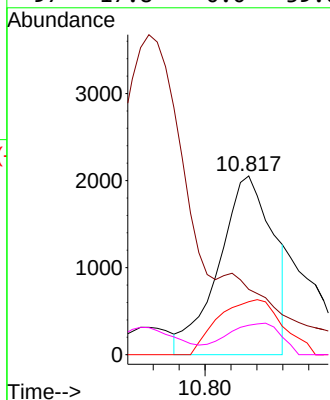
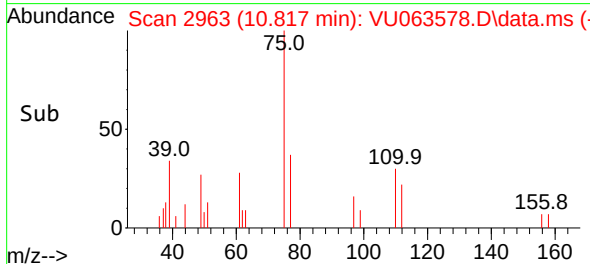
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2025



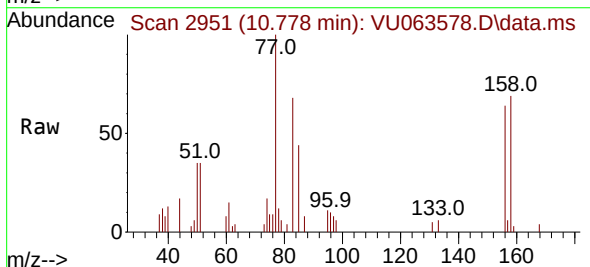
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	36.5	0.0	77.6
97	17.8	0.0	39.6

Manual Integrations
APPROVED

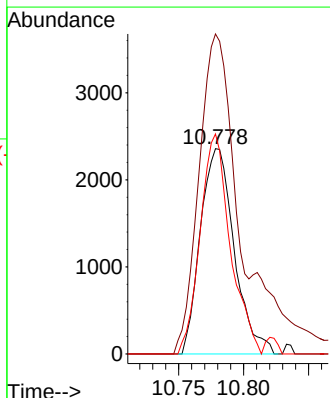
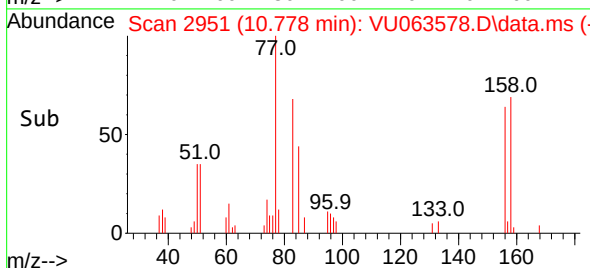
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

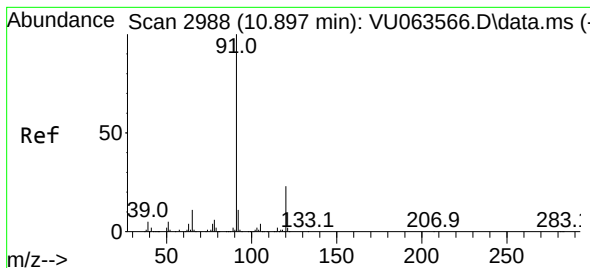


#72
Bromobenzene
Concen: 0.389 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43



Tgt Ion	Ratio	Lower	Upper
156	100		
77	158.3	0.0	323.0
158	95.4	0.0	195.4





#73

n-propylbenzene

Concen: 0.390 ug/l

RT: 10.904 min Scan# 2988

Delta R.T. 0.006 min

Lab File: VU063578.D

Acq: 15 Sep 2025 14:43

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Tgt Ion:120 Resp: 477

Ion Ratio Lower Upper

120 100

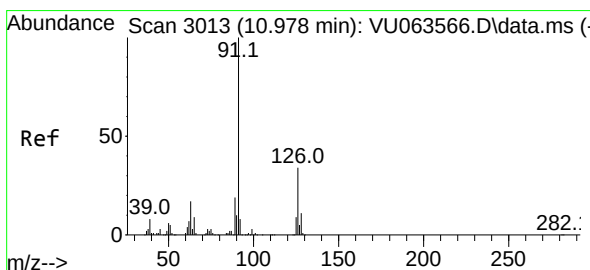
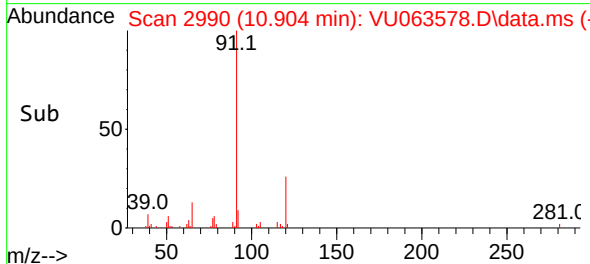
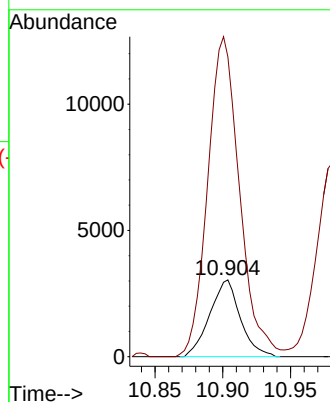
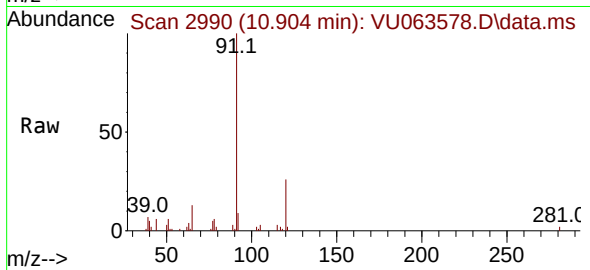
91 433.9 349.1 523.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#74

2-Chlorotoluene

Concen: 0.401 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.003 min

Lab File: VU063578.D

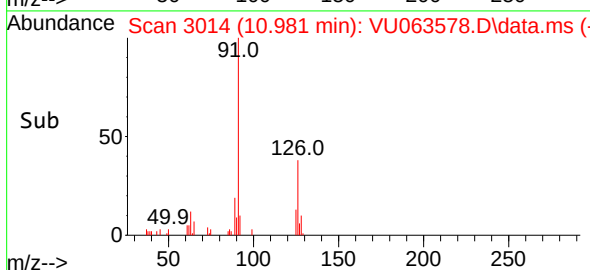
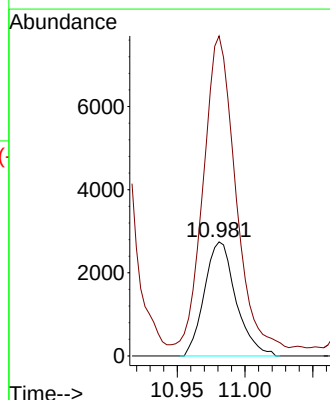
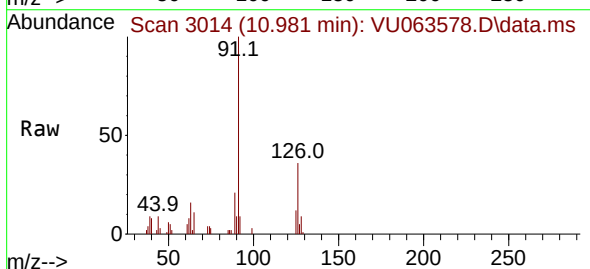
Acq: 15 Sep 2025 14:43

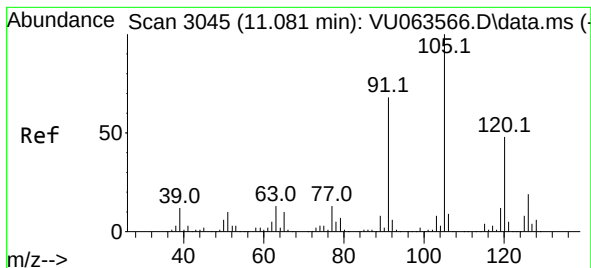
Tgt Ion:126 Resp: 4437

Ion Ratio Lower Upper

126 100

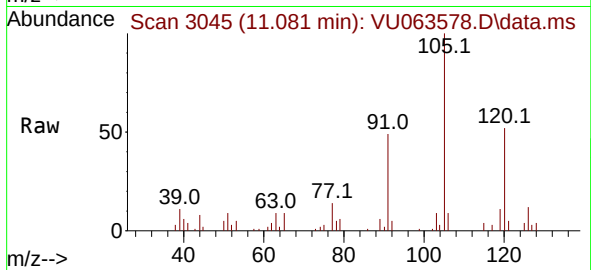
91 280.5 0.0 609.4





#75
1,3,5-Trimethylbenzene
Concen: 0.367 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

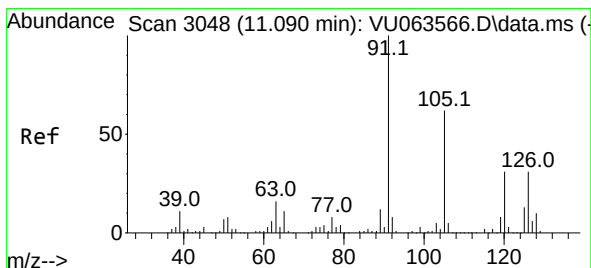
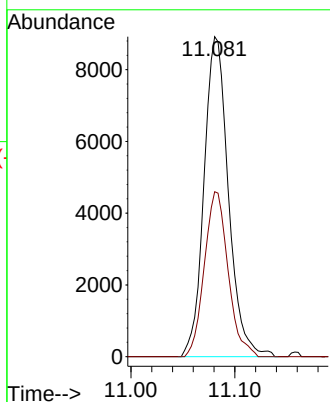
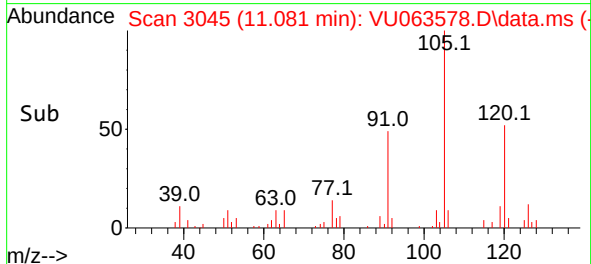
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



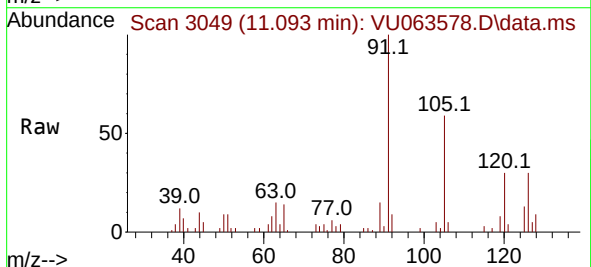
Tgt Ion:105 Resp: 14540
Ion Ratio Lower Upper
105 100
120 50.1 38.0 57.0

Manual Integrations
APPROVED

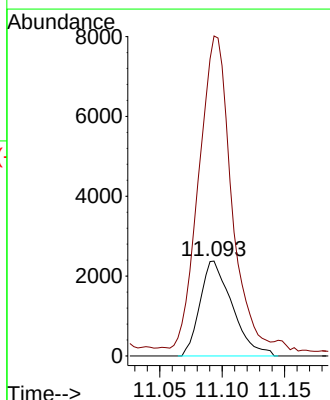
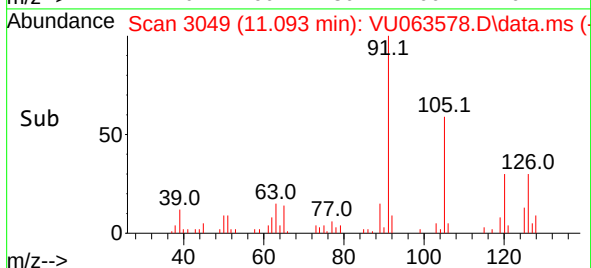
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

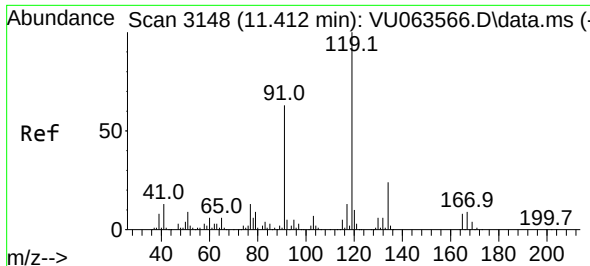


#76
4-Chlorotoluene
Concen: 0.368 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43



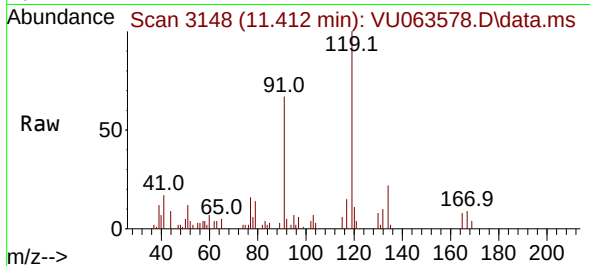
Tgt Ion:126 Resp: 4262
Ion Ratio Lower Upper
126 100
91 328.7 0.0 679.4





#77
tert-Butylbenzene
Concen: 0.351 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

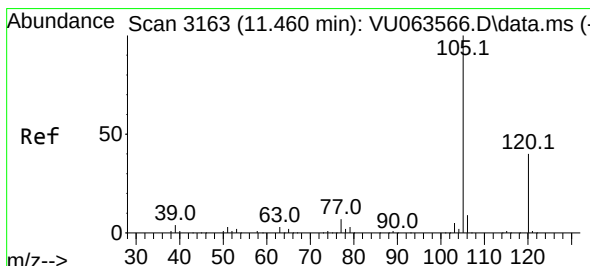
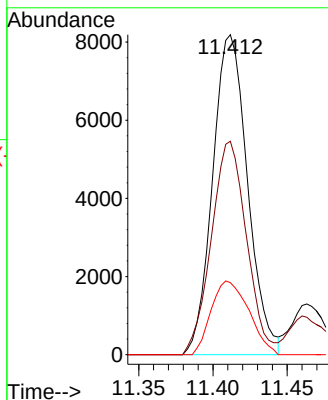
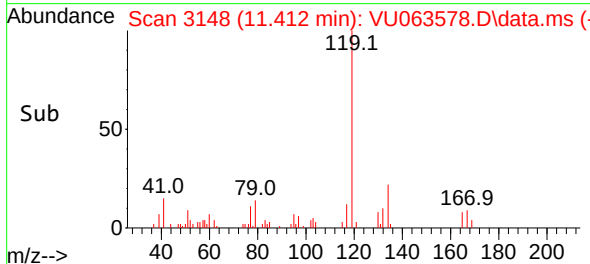
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



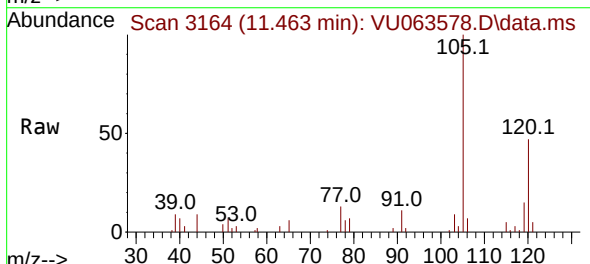
Tgt Ion:119 Resp: 1342
Ion Ratio Lower Upper
119 100
91 67.3 31.0 93.0
134 24.8 19.0 28.6

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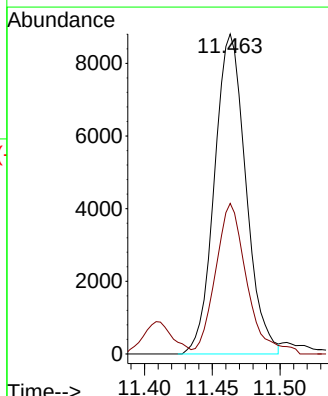
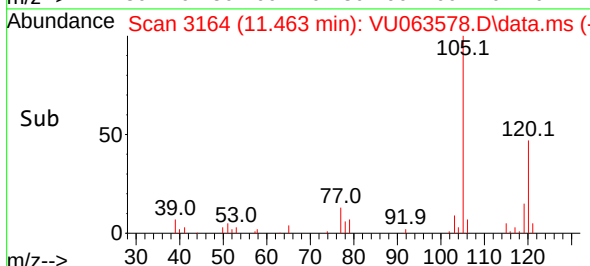
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

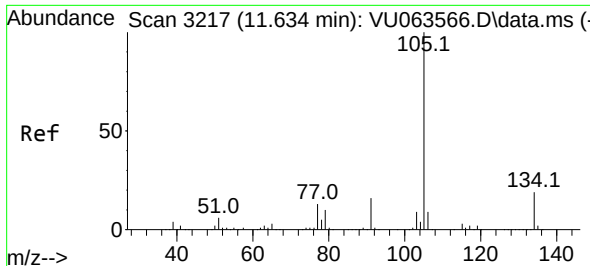


#78
1,2,4-Trimethylbenzene
Concen: 0.368 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43



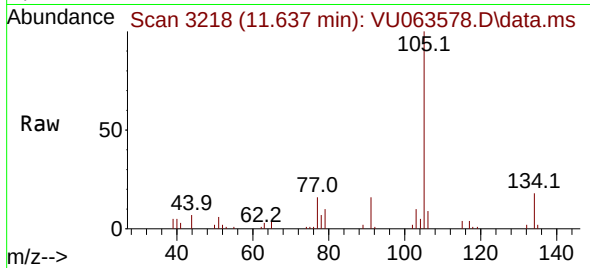
Tgt Ion:105 Resp: 14177
Ion Ratio Lower Upper
105 100
120 46.8 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 0.385 ug/l
 RT: 11.637 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU063578.D
 Acq: 15 Sep 2025 14:43

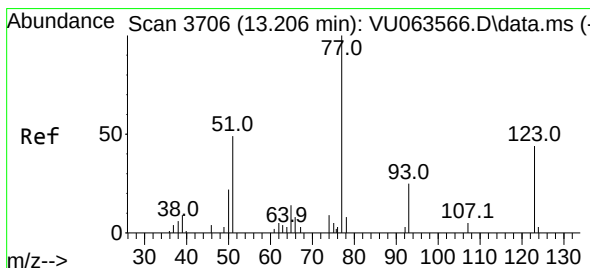
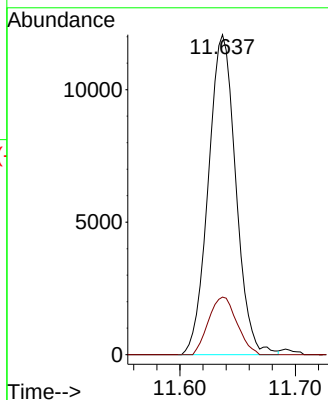
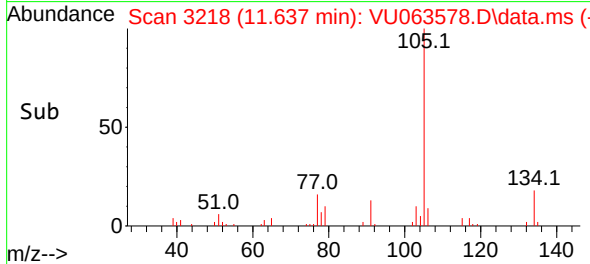
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025



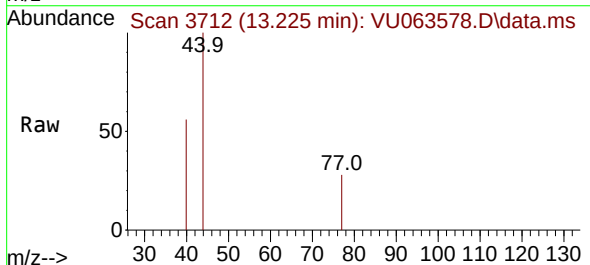
Tgt Ion:105 Resp: 1996
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.6 23.4

Manual Integrations
 APPROVED

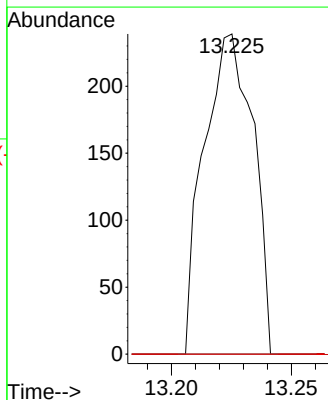
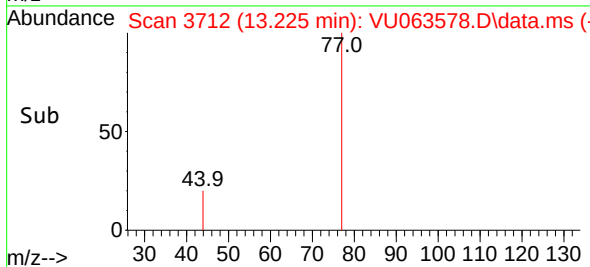
Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

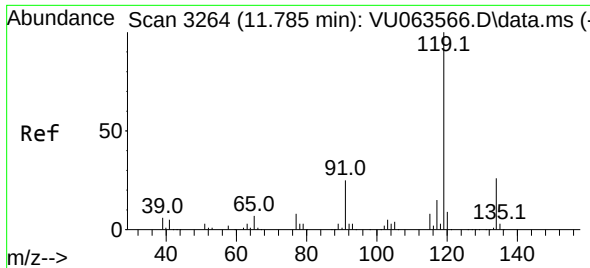


#80
 Nitrobenzene
 Concen: 2.547 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.019 min
 Lab File: VU063578.D
 Acq: 15 Sep 2025 14:43



Tgt Ion: 77 Resp: 340
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.0 63.6#
 65 0.0 12.8 16.4#





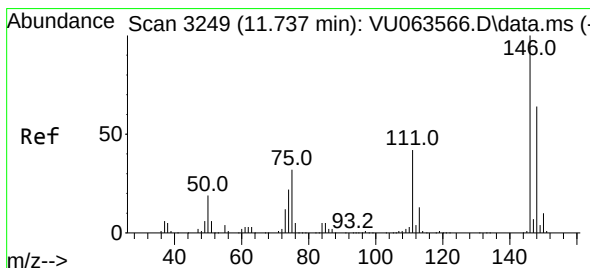
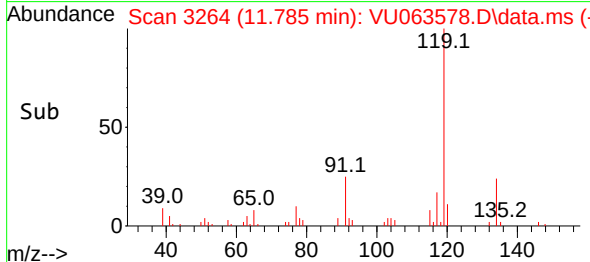
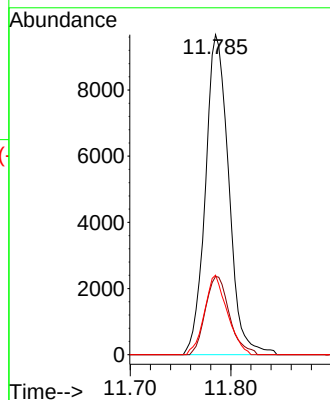
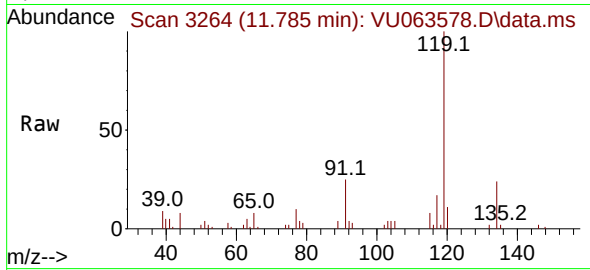
#81
p-Isopropyltoluene
Concen: 0.373 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

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

Tgt Ion:119 Resp: 15578
Ion Ratio Lower Upper
119 100
134 25.2 20.6 30.8
91 24.3 19.8 29.6

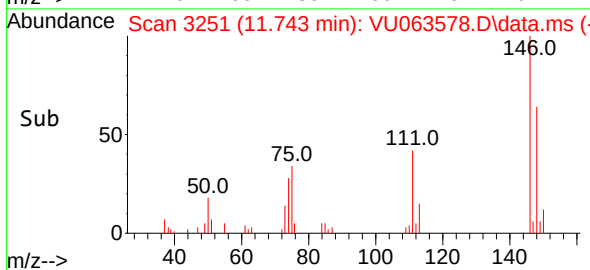
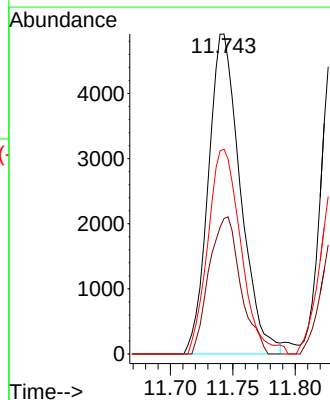
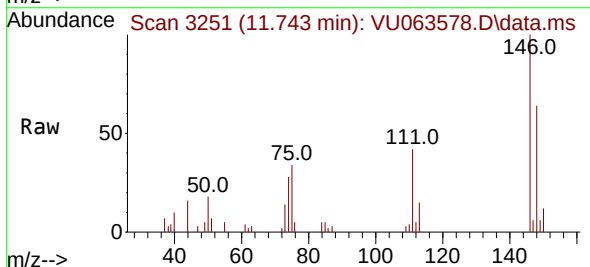
Manual Integrations
APPROVED

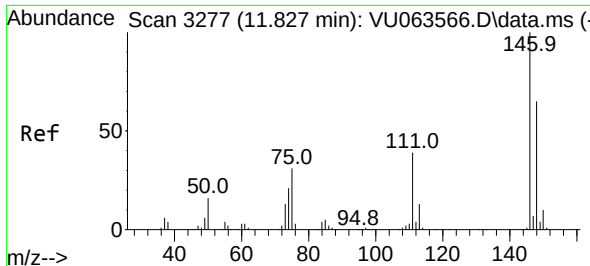
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#82
1,3-Dichlorobenzene
Concen: 0.398 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

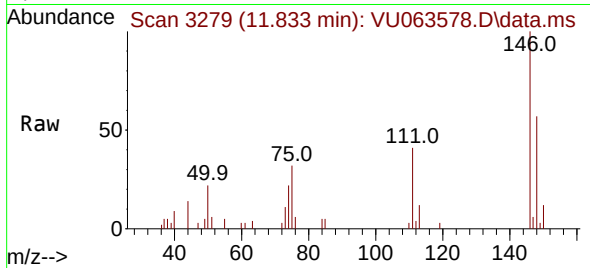
Tgt Ion:146 Resp: 8791
Ion Ratio Lower Upper
146 100
111 42.0 32.7 49.1
148 65.7 50.4 75.6





#83
1,4-Dichlorobenzene
Concen: 0.416 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

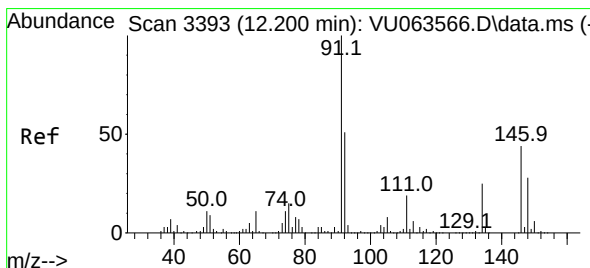
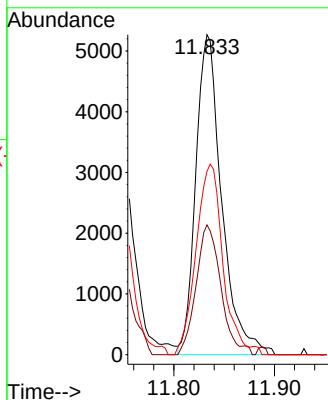
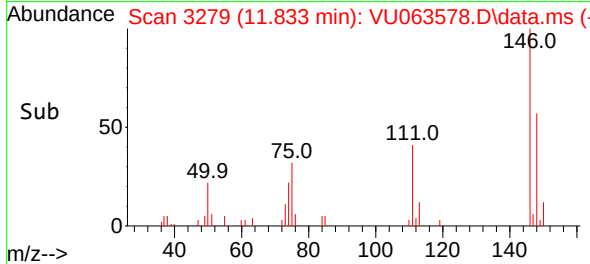
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



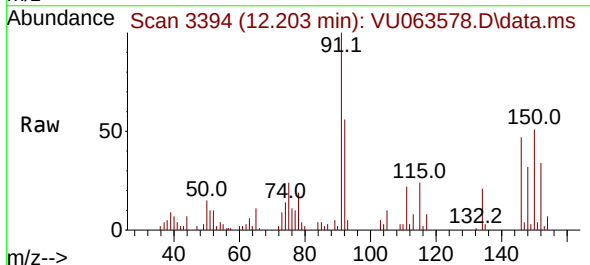
Tgt Ion:146 Resp: 943
Ion Ratio Lower Upper
146 100
111 38.8 31.6 47.4
148 61.1 51.8 77.8

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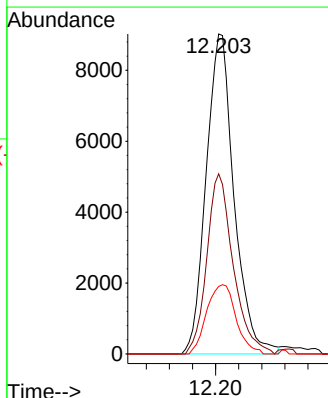
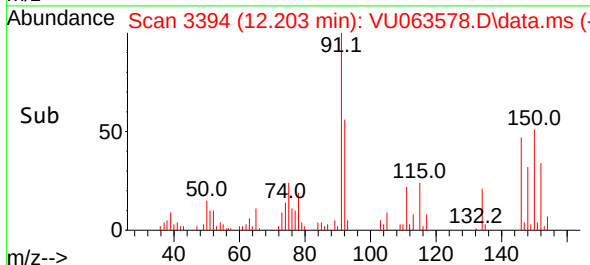
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

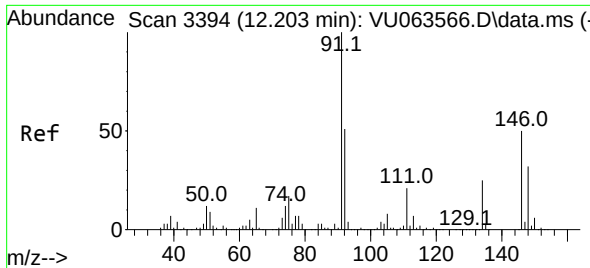


#84
n-Butylbenzene
Concen: 0.387 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43



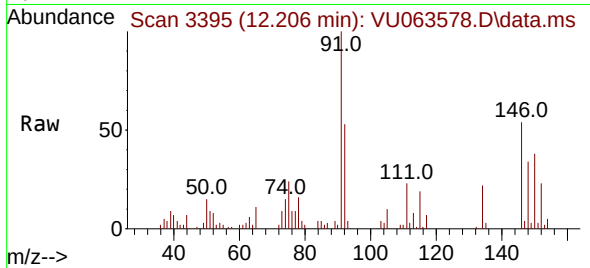
Tgt Ion: 91 Resp: 15133
Ion Ratio Lower Upper
91 100
92 53.2 41.3 61.9
134 22.7 19.9 29.9





#85
1,2-Dichlorobenzene
Concen: 0.402 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

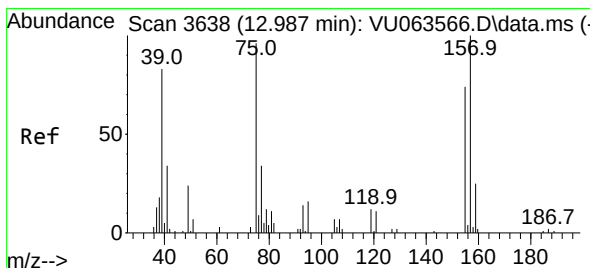
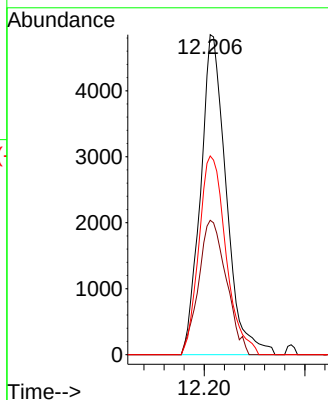
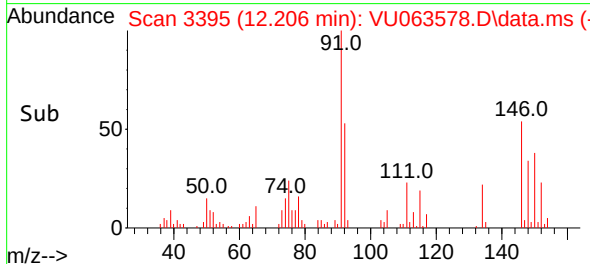
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



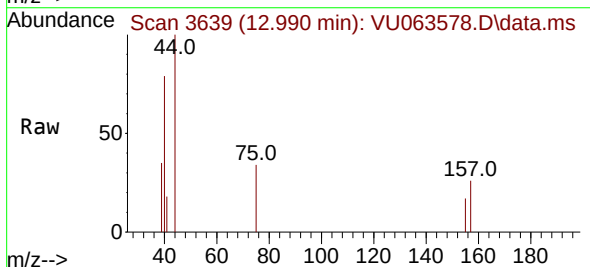
Tgt Ion:146 Resp: 8579
Ion Ratio Lower Upper
146 100
111 45.3 21.0 63.0
148 65.4 31.8 95.3

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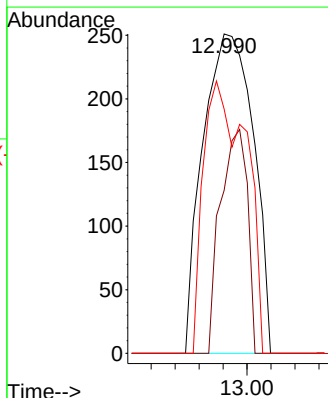
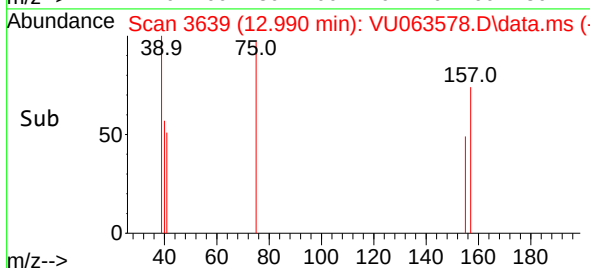
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

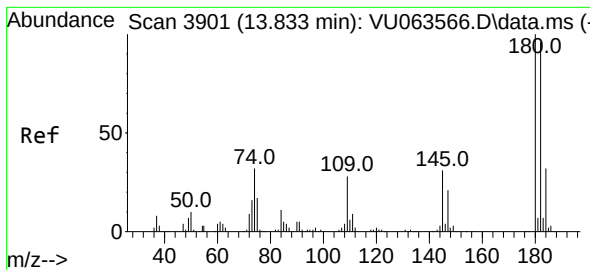


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.292 ug/l
RT: 12.990 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43



Tgt Ion: 75 Resp: 366
Ion Ratio Lower Upper
75 100
155 37.7 64.1 96.1#
157 72.4 84.2 126.4#





#87

1,2,4-Trichlorobenzene

Concen: 0.451 ug/l

RT: 13.839 min Scan# 3901

Delta R.T. 0.006 min

Lab File: VU063578.D

Acq: 15 Sep 2025 14:43

Instrument :

MSVOA_U

ClientSampleId :

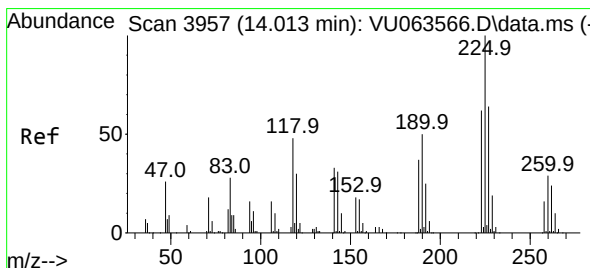
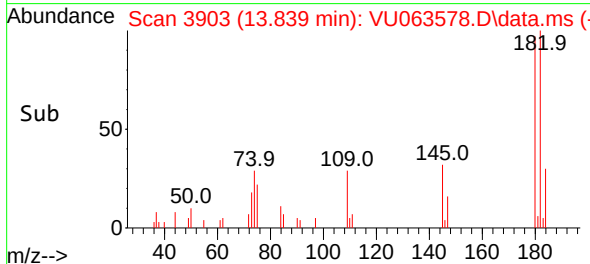
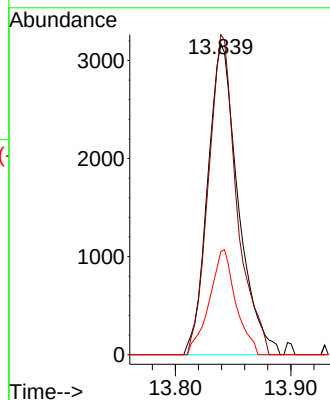
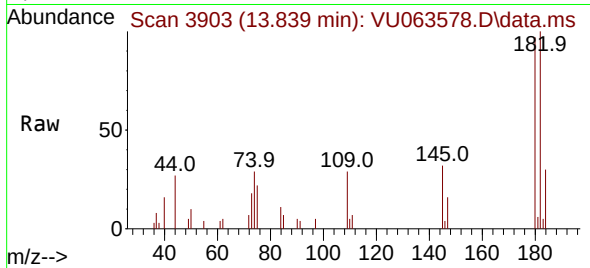
LOD-MDL-WATER-01-QT3-2025

Tgt Ion:180	Resp:	582
Ion Ratio	Lower	Upper
180	100	
182	95.3	77.1 115.7
145	29.3	25.0 37.4

Manual Integrations

APPROVED

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



#88

Hexachlorobutadiene

Concen: 0.430 ug/l

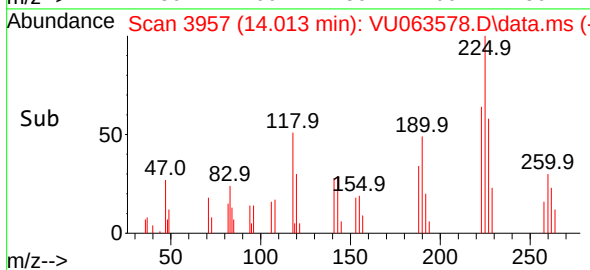
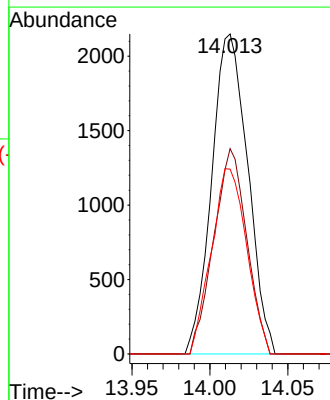
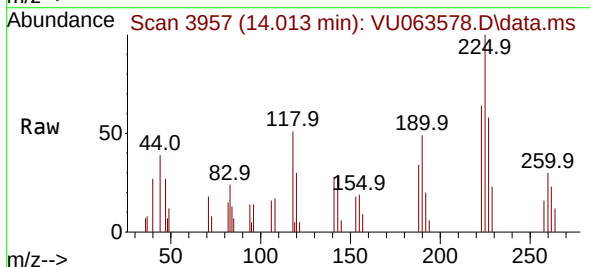
RT: 14.013 min Scan# 3957

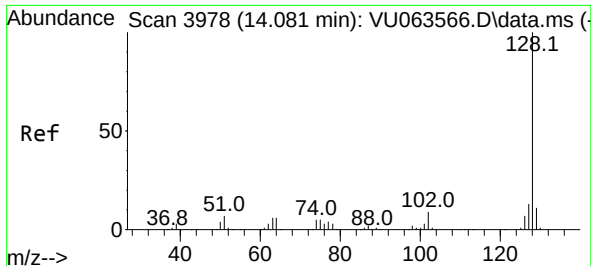
Delta R.T. -0.000 min

Lab File: VU063578.D

Acq: 15 Sep 2025 14:43

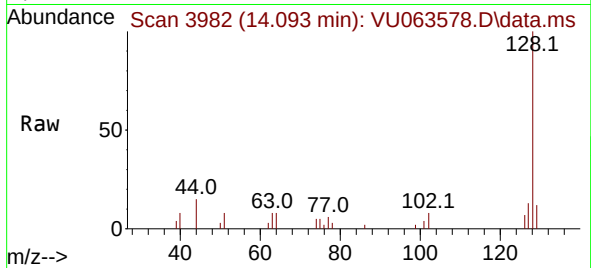
Tgt Ion:225	Resp:	3454
Ion Ratio	Lower	Upper
225	100	
223	58.9	50.2 75.2
227	56.7	51.6 77.4





#89
Naphthalene
Concen: 0.546 ug/l
RT: 14.093 min Scan# 3978
Delta R.T. 0.013 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43

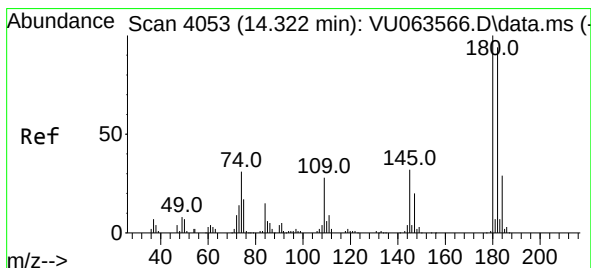
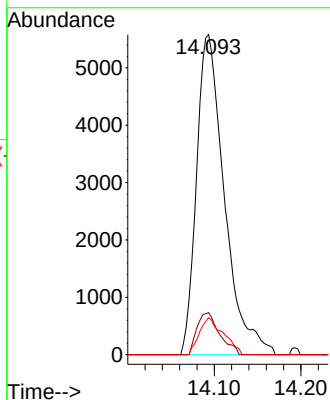
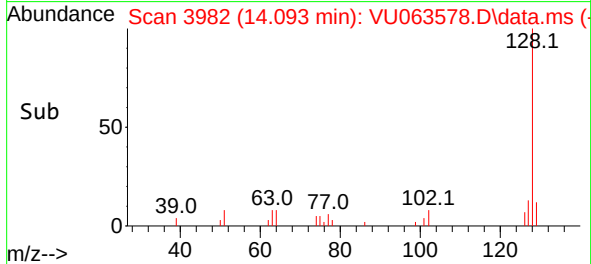
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



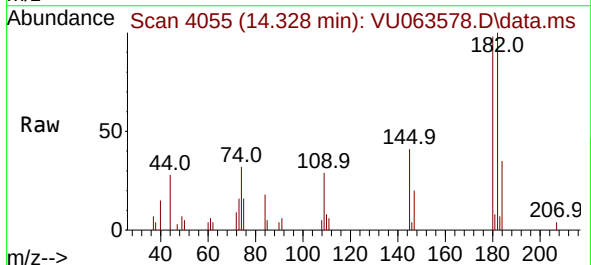
Tgt Ion:128 Resp: 12469
Ion Ratio Lower Upper
128 100
127 10.6 10.2 15.4
129 9.9 8.6 13.0

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 0.445 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU063578.D
Acq: 15 Sep 2025 14:43



Tgt Ion:180 Resp: 5456
Ion Ratio Lower Upper
180 100
182 102.3 76.8 115.2
145 39.8 26.6 40.0

