

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110525\
 Data File : VU063671.D
 Acq On : 05 Nov 2025 14:27
 Operator : MD/SY
 Sample : Q3530-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Quant Time: Nov 06 04:36:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

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

Internal Standards						
1) Fluorobenzene	6.084	96	58404	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.614	95	22952	0.869	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	21036	0.888	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	4753	0.216	ug/l	99
3) Chloromethane	1.509	50	4924	0.238	ug/l	98
4) Vinyl Chloride	1.589	62	4657	0.222	ug/l	96
5) Bromomethane	1.840	94	3920	0.308	ug/l	99
6) Chloroethane	1.917	64	3257	0.252	ug/l #	83
7) Trichlorofluoromethane	2.120	101	6927	0.227	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.554	101	3745	0.230	ug/l	96
9) 1,1-Dichloroethene	2.557	96	3773	0.240	ug/l	95
10) Iodomethane	2.698	142	3664	0.157	ug/l	98
11) Allyl Chloride	2.898	41	5845	0.238	ug/l	96
12) Acrylonitrile	3.290	53	2166	0.556	ug/l #	85
13) Acetone	2.605	43	7691	1.118	ug/l	95
14) Carbon Disulfide	2.769	76	9135	0.206	ug/l	99
15) Methylene Chloride	3.017	84	5265	0.260	ug/l	96
16) trans-1,2-Dichloroethene	3.325	96	4341	0.250	ug/l	90
17) 1,1-Dichloroethane	3.837	63	8177	0.238	ug/l	99
18) 2-Butanone	4.689	43	7888	1.081	ug/l	99
19) Cyclohexane	5.351	56	6272	0.239	ug/l	93
20) Methylcyclohexane	6.727	83	6827	0.209	ug/l	97
21) 2,2-Dichloropropane	4.624	77	7049	0.228	ug/l #	73
22) cis-1,2-Dichloroethene	4.634	96	5269	0.266	ug/l	85
23) Diethyl Ether	2.358	59	2497	0.194	ug/l #	80
24) tert-Butyl Alcohol	3.171	59	4207	1.892	ug/l #	92
25) Methyl tert-Butyl Ether	3.338	73	10055	0.218	ug/l #	89
26) Bromochloromethane	4.939	128	2159	0.259	ug/l	82
27) Chloroform	5.055	83	8466	0.241	ug/l	97
28) 1,1,1-Trichloroethane	5.280	97	6877	0.222	ug/l	97
29) 1,1-Dichloropropene	5.486	75	6138	0.236	ug/l	94
30) Carbon Tetrachloride	5.486	117	5324	0.217	ug/l	98
31) Isopropyl Ether	3.968	45	12849	0.236	ug/l	95
32) Ethyl-t-butyl ether	4.483	59	10990	0.209	ug/l	89
33) Tert-Amyl methyl ether	5.923	73	9760	0.214	ug/l	96
34) Propionitrile	4.756	54	2102	1.474	ug/l #	75
35) Benzene	5.743	78	16400	0.223	ug/l	92
36) 1,2-Dichloroethane	5.769	62	5950	0.252	ug/l	98
37) Trichloroethene	6.515	130	4413	0.211	ug/l	82
38) 1,2-Dichloropropane	6.766	63	4041	0.197	ug/l	97
39) Methacrylonitrile	4.952	41	1775	0.250	ug/l #	89
40) Methyl acrylate	4.830	55	2478	0.240	ug/l #	84
41) Tetrahydrofuran	5.039	42	1439	0.451	ug/l #	83
42) 1-Chlorobutane	5.422	56	7820	0.224	ug/l	86
43) Dibromomethane	6.894	93	2515	0.237	ug/l	92
44) Bromodichloromethane	7.081	83	5315	0.204	ug/l	95

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 LOD-MDL-WATER-01-QT4-2025

Quant Time: Nov 06 04:36:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	12308	0.960	ug/l	96
46) t-1,4-Dichloro-2-butene	10.807	75	1848m	0.416	ug/l	
47) Methyl methacrylate	6.952	69	3742	0.383	ug/l	95
48) Ethyl methacrylate	8.325	69	3858	0.194	ug/l	76
49) Toluene	7.946	92	10896	0.220	ug/l	98
50) t-1,3-Dichloropropene	8.190	75	4248	0.188	ug/l	96
51) cis-1,3-Dichloropropene	7.582	75	5667	0.201	ug/l	95
52) 1,1,2-Trichloroethane	8.380	97	3200	0.221	ug/l #	92
53) 1,3-Dichloropropane	8.553	76	5327	0.206	ug/l	92
54) 2-Hexanone	8.682	43	10407	0.961	ug/l	84
55) Dibromochloromethane	8.788	129	2938	0.173	ug/l	99
56) 1,2-Dibromoethane	8.904	107	2787	0.203	ug/l	92
58) Tetrachloroethene	8.528	164	4569	0.223	ug/l	90
59) Chlorobenzene	9.425	112	11467	0.213	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.512	131	3820	0.203	ug/l	93
61) Pentachloroethane	11.402	117	2507	0.192	ug/l	97
62) Hexachloroethane	12.450	117	2269	0.159	ug/l	87
63) Ethyl Benzene	9.547	91	20368	0.209	ug/l	99
64) m/p-Xylenes	9.672	106	15173	0.418	ug/l	97
65) o-Xylene	10.081	106	7590	0.213	ug/l	96
66) Styrene	10.097	104	11136	0.193	ug/l	94
67) Bromoform	10.267	173	1564	0.170	ug/l #	95
69) Isopropylbenzene	10.463	105	18477	0.210	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.759	83	3919	0.216	ug/l #	90
71) 1,2,3-Trichloropropane	10.798	75	3035m	0.192	ug/l	
72) Bromobenzene	10.759	156	4696	0.221	ug/l	86
73) n-propylbenzene	10.884	120	5403	0.216	ug/l	99
74) 2-Chlorotoluene	10.965	126	4550	0.210	ug/l	92
75) 1,3,5-Trimethylbenzene	11.068	105	16486	0.203	ug/l	97
76) 4-Chlorotoluene	11.077	126	4763	0.219	ug/l	95
77) tert-Butylbenzene	11.396	119	16263	0.204	ug/l	96
78) 1,2,4-Trimethylbenzene	11.447	105	16525	0.212	ug/l	96
79) sec-Butylbenzene	11.621	105	23440	0.224	ug/l	96
80) Nitrobenzene	13.206	77	744	1.165	ug/l #	71
81) p-Isopropyltoluene	11.769	119	18890	0.220	ug/l	99
82) 1,3-Dichlorobenzene	11.724	146	8818	0.214	ug/l	97
83) 1,4-Dichlorobenzene	11.817	146	9898	0.242	ug/l	99
84) n-Butylbenzene	12.187	91	20890	0.272	ug/l	94
85) 1,2-Dichlorobenzene	12.190	146	9296	0.239	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	12.965	75	404m	0.134	ug/l	
87) 1,2,4-Trichlorobenzene	13.817	180	7231	0.301	ug/l	97
88) Hexachlorobutadiene	13.997	225	3103	0.217	ug/l	93
89) Naphthalene	14.068	128	19584	0.424	ug/l	96
90) 1,2,3-Trichlorobenzene	14.306	180	7109	0.324	ug/l	96

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

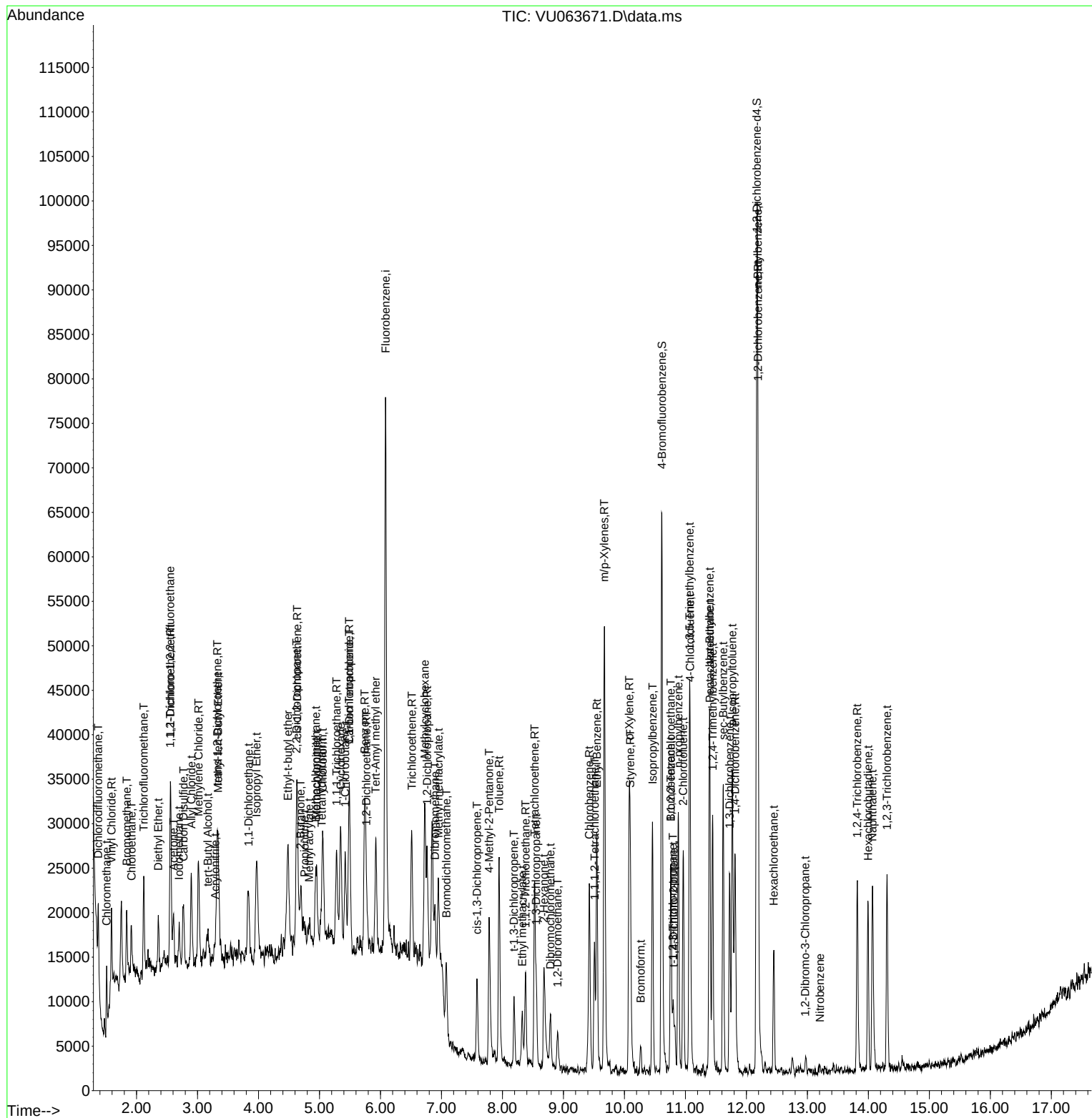
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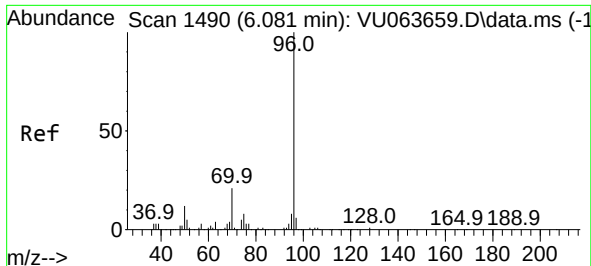
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

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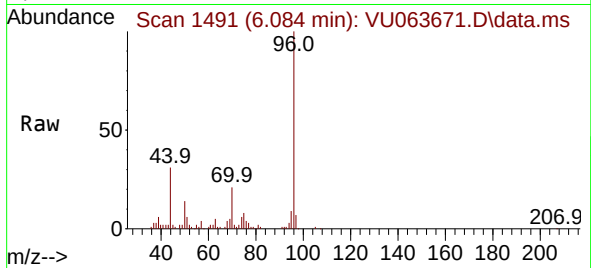
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Nov 03 00:51:51 2025
Response via : Initial Calibration





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.084 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

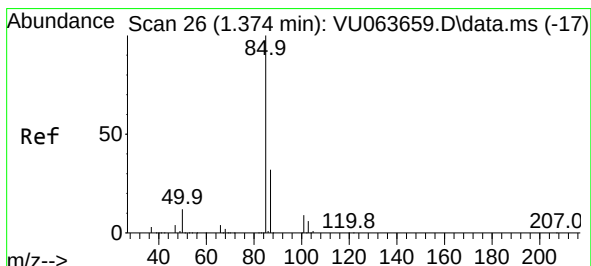
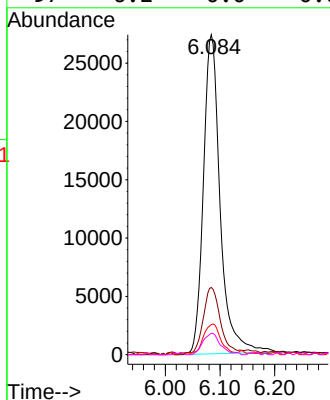
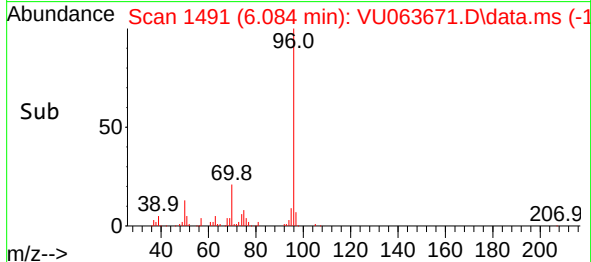
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 96 Resp: 5840
Ion Ratio Lower Upper
96 100
70 20.1 15.3 22.9
95 8.7 6.5 9.7
97 6.2 0.0 0.0#

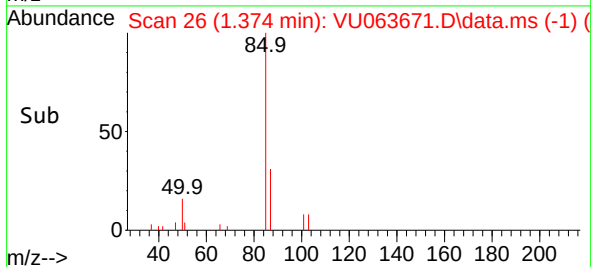
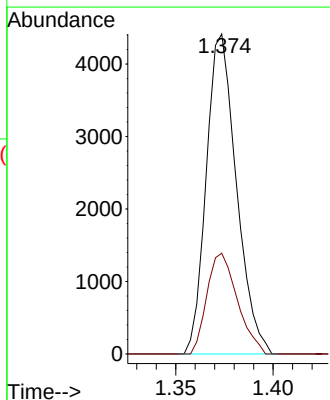
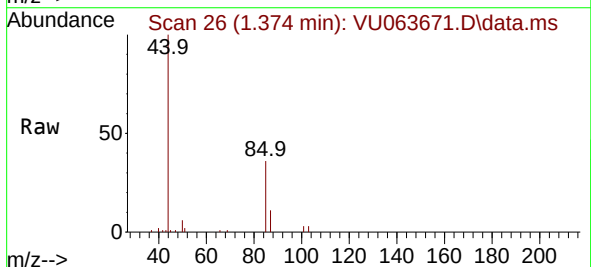
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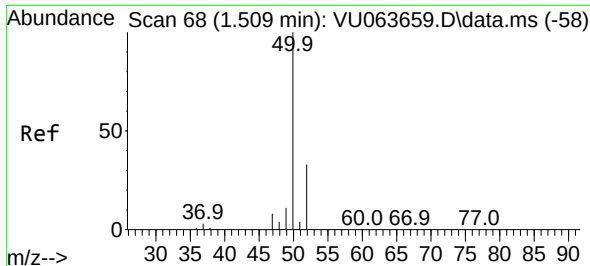
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#2
Dichlorodifluoromethane
Concen: 0.216 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

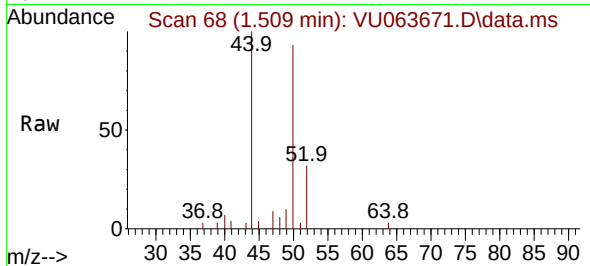
Tgt Ion: 85 Resp: 4753
Ion Ratio Lower Upper
85 100
87 31.5 16.0 47.9





#3
Chloromethane
Concen: 0.238 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

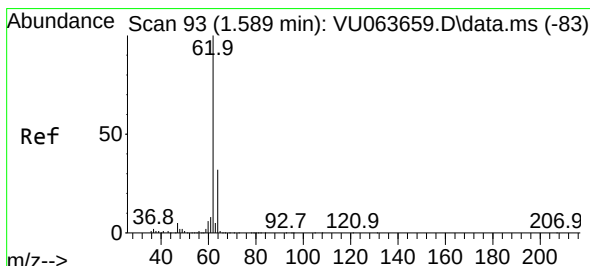
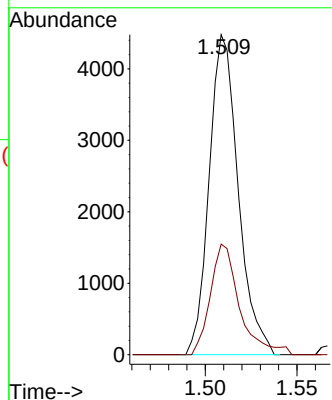
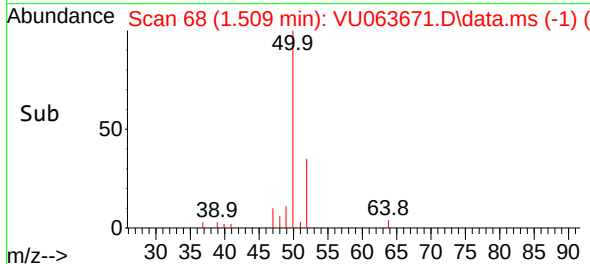
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 50 Resp: 4924
Ion Ratio Lower Upper
50 100
52 34.6 26.6 40.0

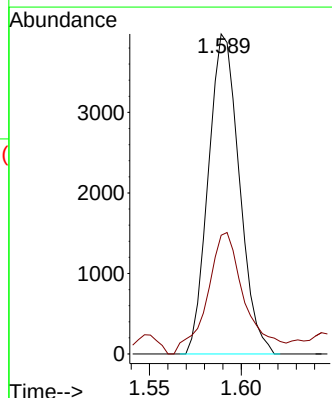
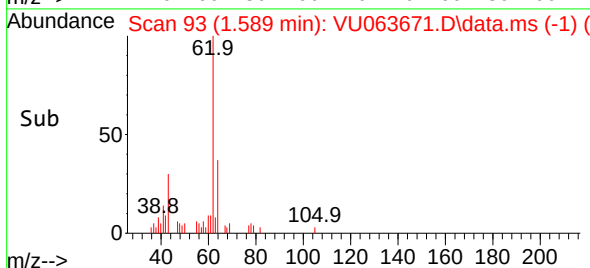
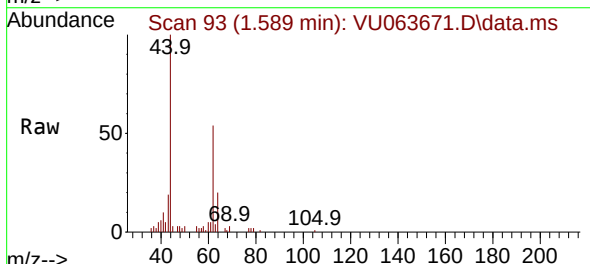
Manual Integrations
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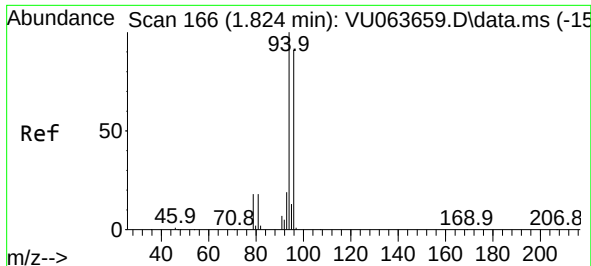
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#4
Vinyl Chloride
Concen: 0.222 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

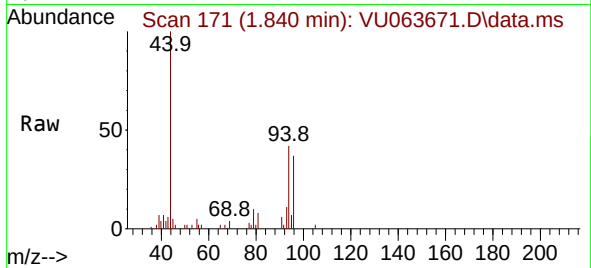
Tgt Ion: 62 Resp: 4657
Ion Ratio Lower Upper
62 100
64 33.7 25.2 37.8





#5
Bromomethane
Concen: 0.308 ug/l
RT: 1.840 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

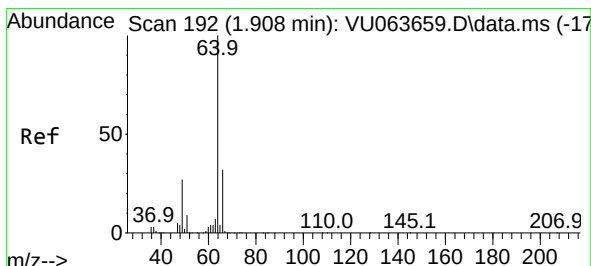
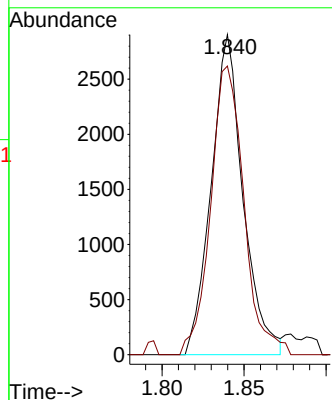
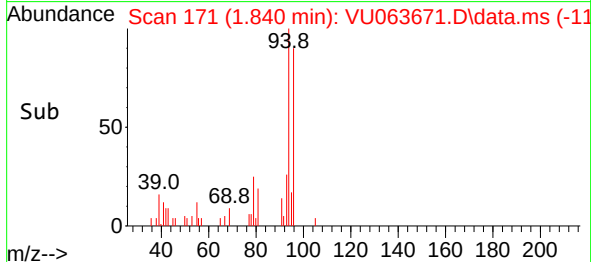
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 94 Resp: 3920
Ion Ratio Lower Upper
94 100
96 90.2 73.0 109.6

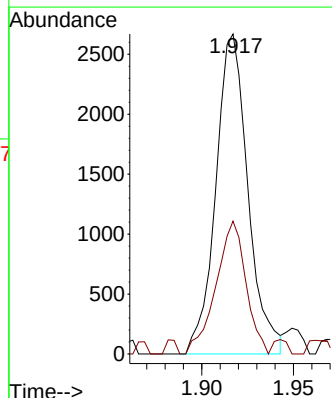
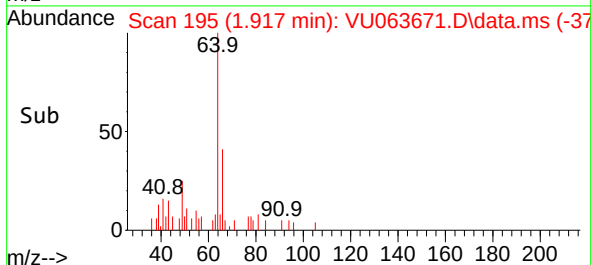
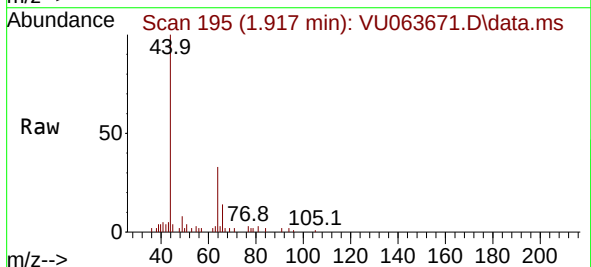
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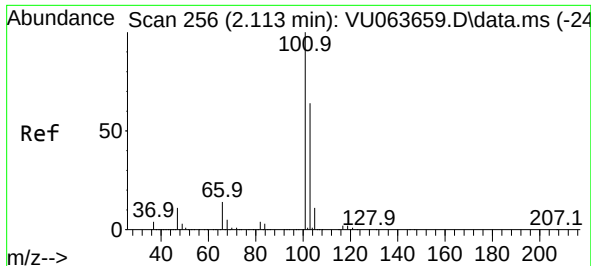
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#6
Chloroethane
Concen: 0.252 ug/l
RT: 1.917 min Scan# 195
Delta R.T. 0.009 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

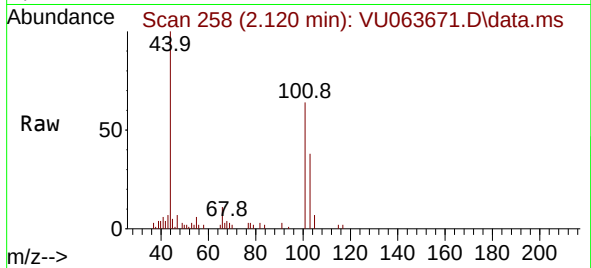
Tgt Ion: 64 Resp: 3257
Ion Ratio Lower Upper
64 100
66 41.5 25.4 38.2#





#7
 Trichlorofluoromethane
 Concen: 0.227 ug/l
 RT: 2.120 min Scan# 256
 Delta R.T. 0.006 min
 Lab File: VU063671.D
 Acq: 05 Nov 2025 14:27

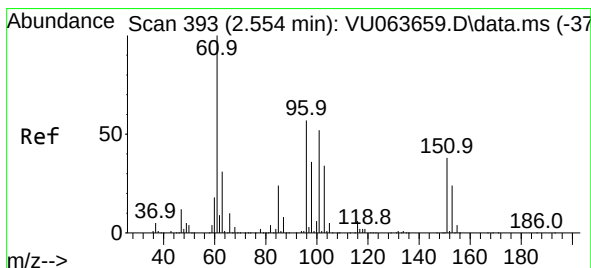
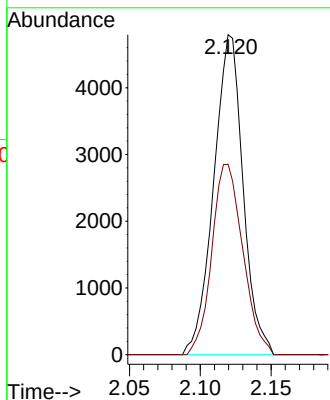
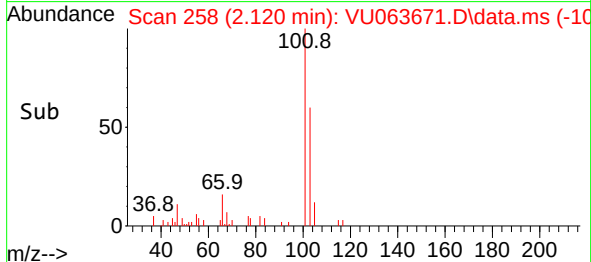
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



Tgt Ion:101 Resp: 692
 Ion Ratio Lower Upper
 101 100
 103 59.5 51.0 76.6

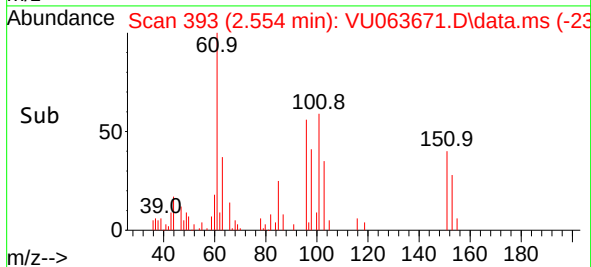
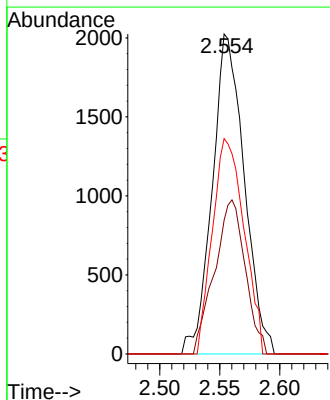
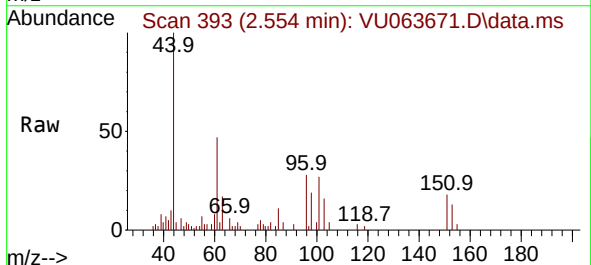
Manual Integrations
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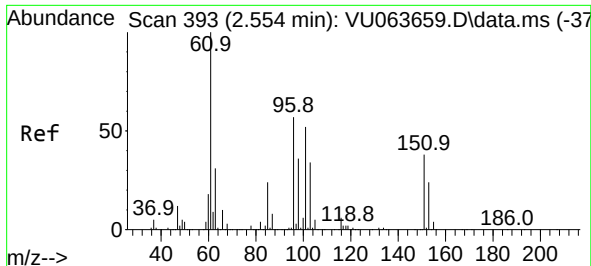
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.230 ug/l
 RT: 2.554 min Scan# 393
 Delta R.T. -0.000 min
 Lab File: VU063671.D
 Acq: 05 Nov 2025 14:27

Tgt Ion:101 Resp: 3745
 Ion Ratio Lower Upper
 101 100
 85 46.5 37.0 55.4
 151 66.5 57.2 85.8





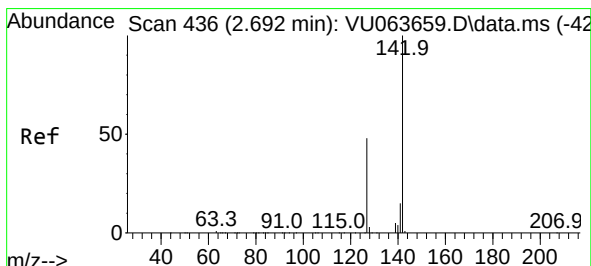
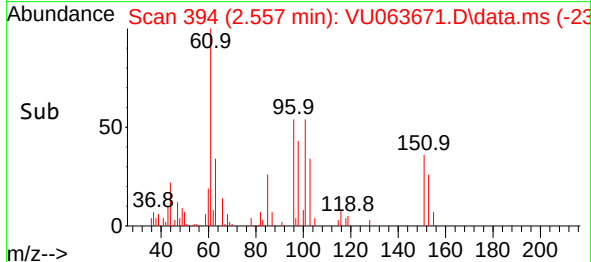
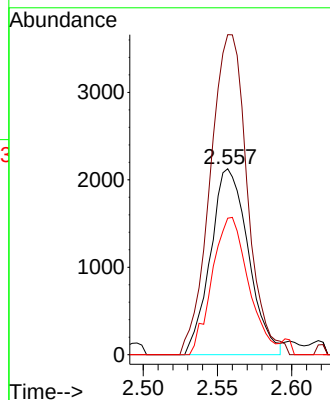
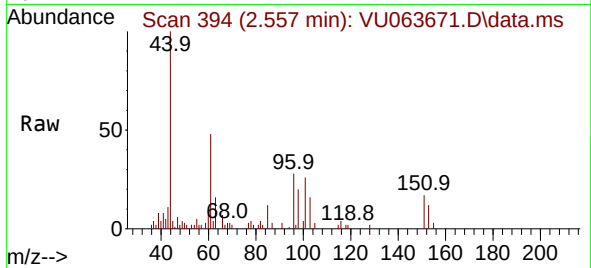
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1,1-Dichloroethene
Concen: 0.240 ug/l
RT: 2.557 min Scan# 393
Delta R.T. 0.003 min
Lab File: VU063671.D
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MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 377
Ion Ratio Lower Upper
96 100
61 172.1 0.0 524.7
98 73.4 0.0 126.8

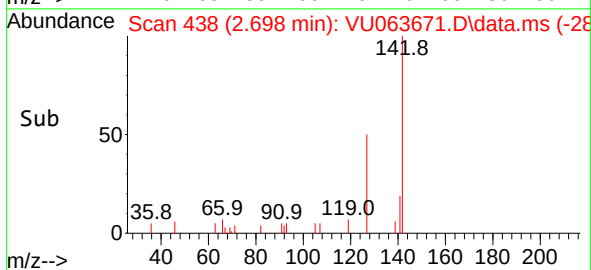
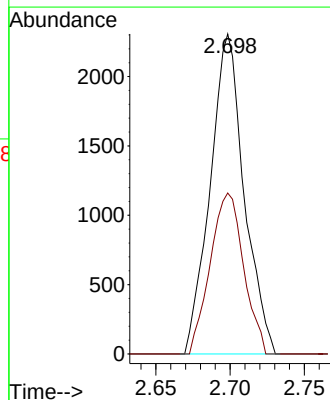
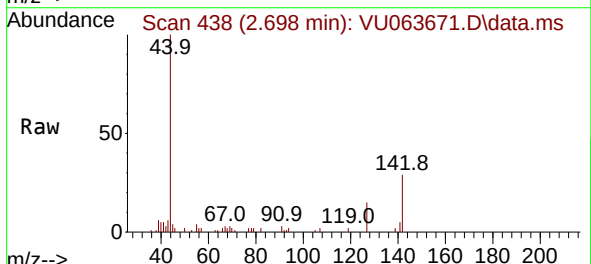
Manual Integrations
APPROVED

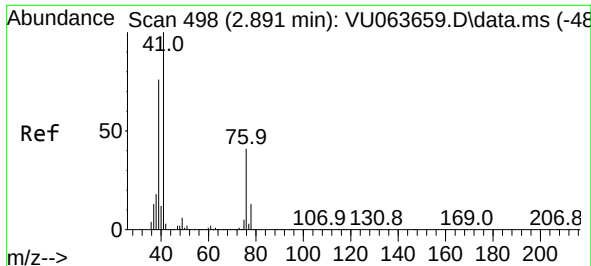
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#10
Iodomethane
Concen: 0.157 ug/l
RT: 2.698 min Scan# 438
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

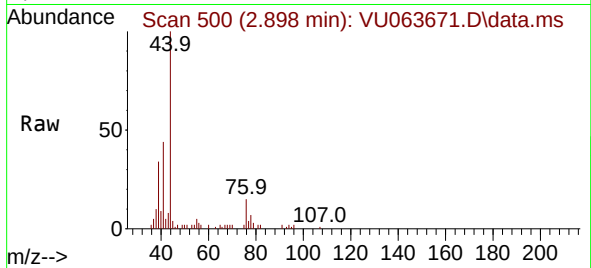
Tgt Ion:142 Resp: 3664
Ion Ratio Lower Upper
142 100
127 49.5 38.6 58.0





#11
 Allyl Chloride
 Concen: 0.238 ug/l
 RT: 2.898 min Scan# 500
 Delta R.T. 0.006 min
 Lab File: VU063671.D
 Acq: 05 Nov 2025 14:27

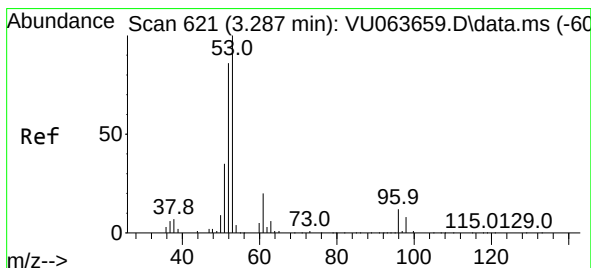
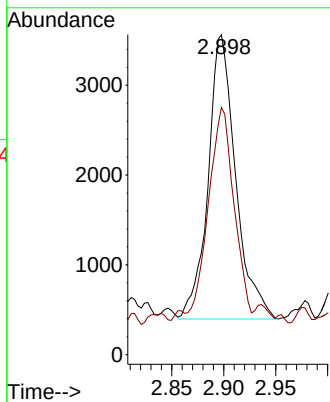
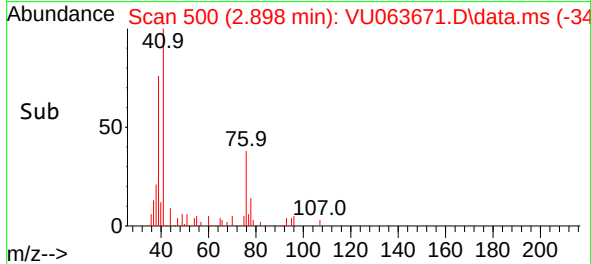
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 41 Resp: 584
 Ion Ratio Lower Upper
 41 100
 39 72.5 61.0 91.4

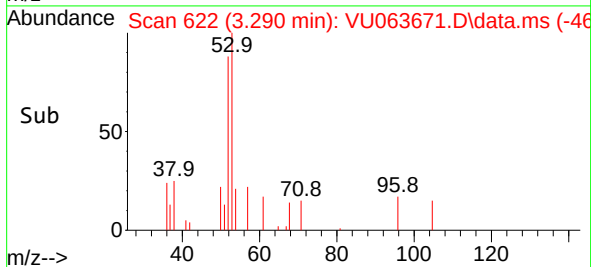
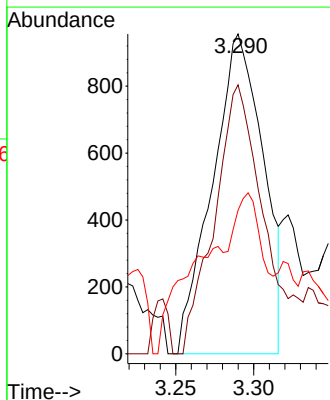
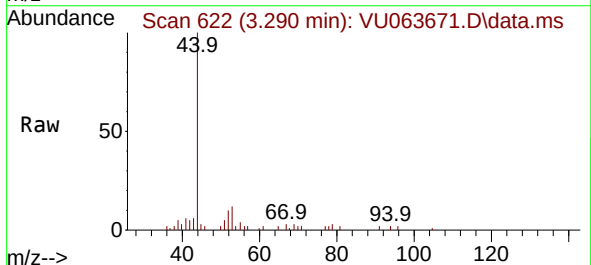
Manual Integrations
 APPROVED

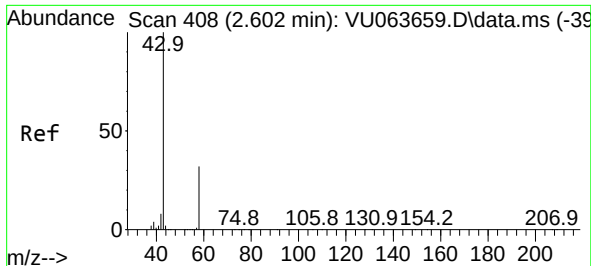
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#12
 Acrylonitrile
 Concen: 0.556 ug/l
 RT: 3.290 min Scan# 622
 Delta R.T. 0.003 min
 Lab File: VU063671.D
 Acq: 05 Nov 2025 14:27

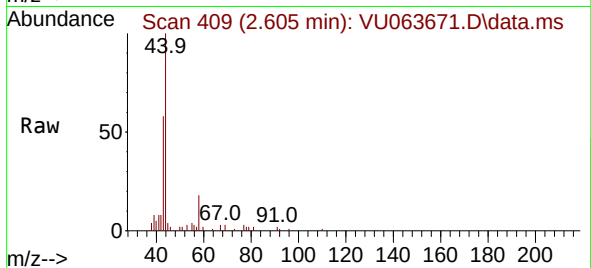
Tgt Ion: 53 Resp: 2166
 Ion Ratio Lower Upper
 53 100
 52 82.8 65.4 98.0
 51 61.2 27.6 41.4#





#13
Acetone
Concen: 1.118 ug/l
RT: 2.605 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

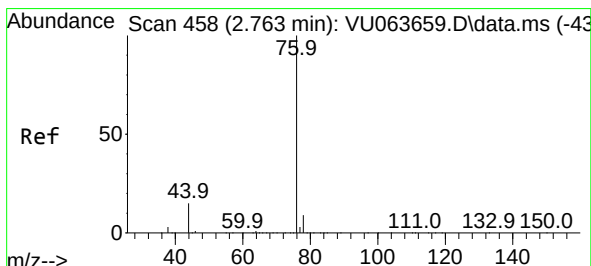
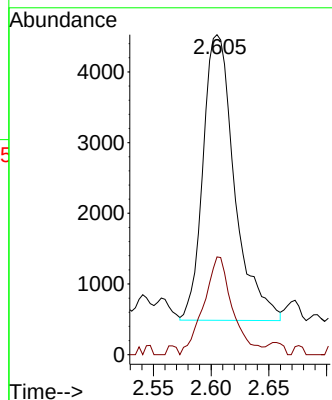
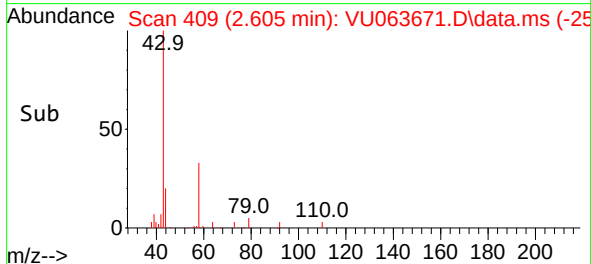
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
58 34.5 25.2 37.8

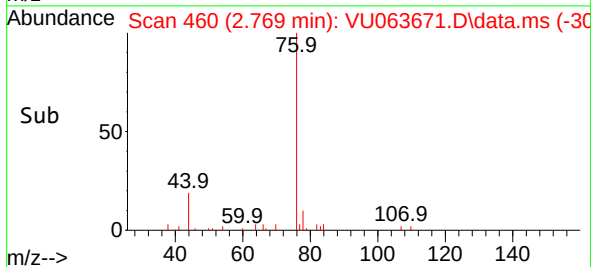
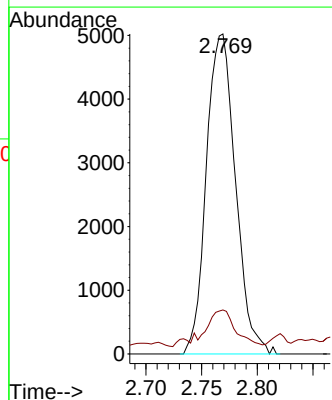
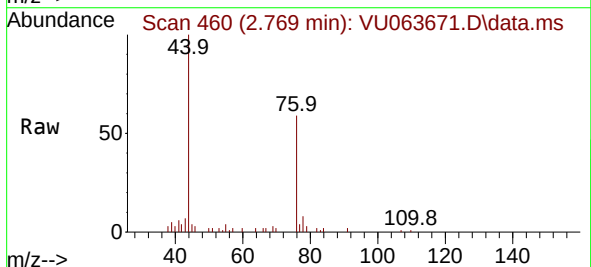
Manual Integrations
APPROVED

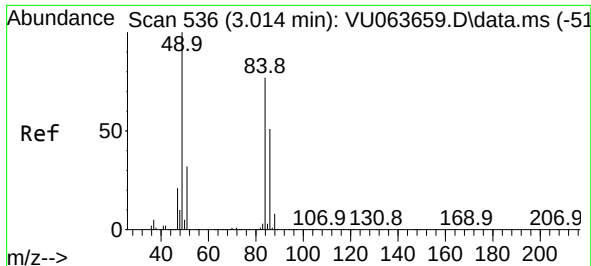
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#14
Carbon Disulfide
Concen: 0.206 ug/l
RT: 2.769 min Scan# 460
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

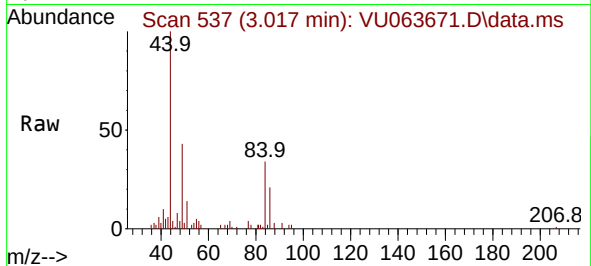
Tgt Ion: 76 Resp: 9135
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3





#15
Methylene Chloride
Concen: 0.260 ug/l
RT: 3.017 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

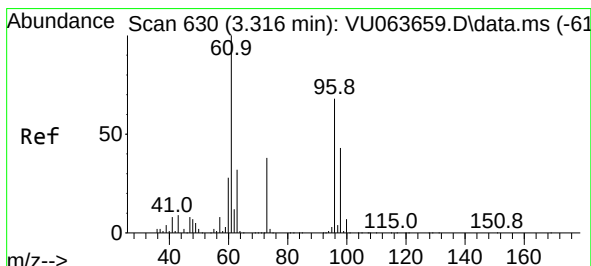
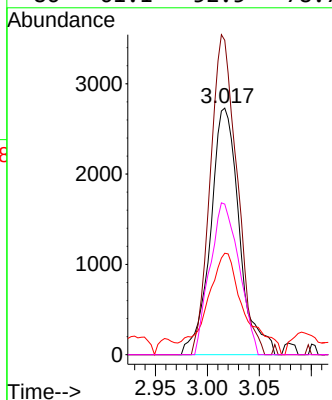
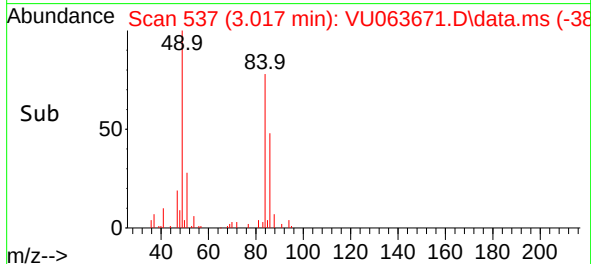
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 84 Resp: 526
Ion Ratio Lower Upper
84 100
49 127.5 103.4 155.0
51 36.5 0.0 81.6
86 61.1 52.5 78.7

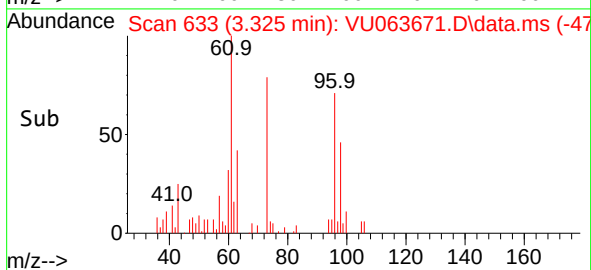
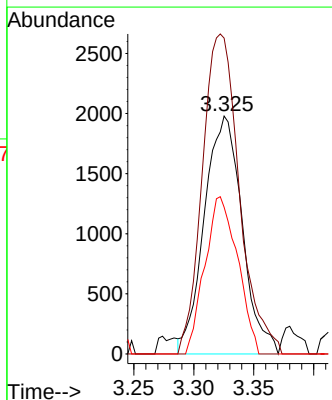
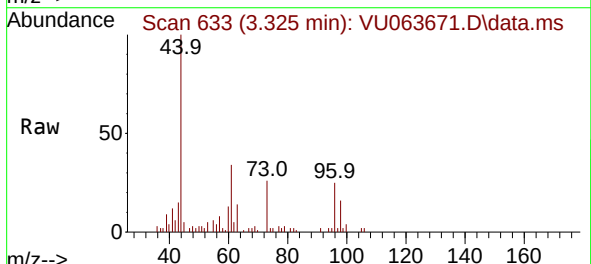
Manual Integrations
APPROVED

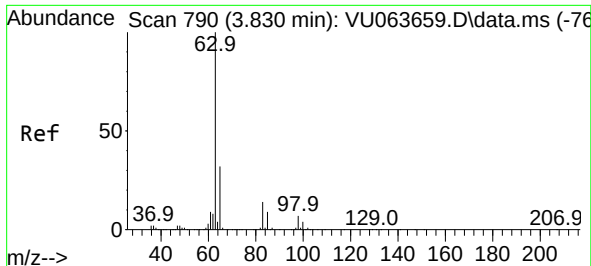
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#16
trans-1,2-Dichloroethene
Concen: 0.250 ug/l
RT: 3.325 min Scan# 633
Delta R.T. 0.009 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

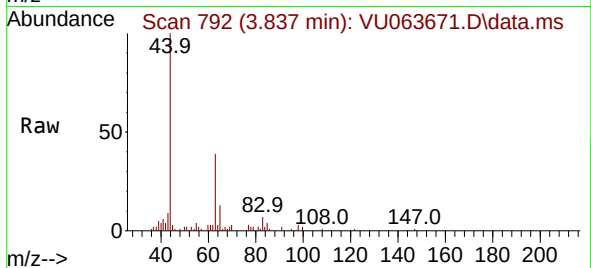
Tgt Ion: 96 Resp: 4341
Ion Ratio Lower Upper
96 100
61 132.8 117.4 176.2
98 68.4 49.9 74.9





#17
1,1-Dichloroethane
Concen: 0.238 ug/l
RT: 3.837 min Scan# 790
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

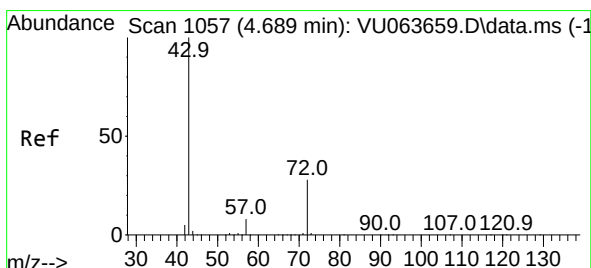
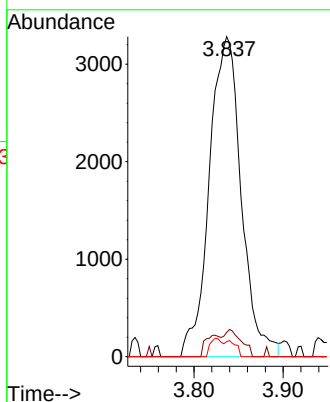
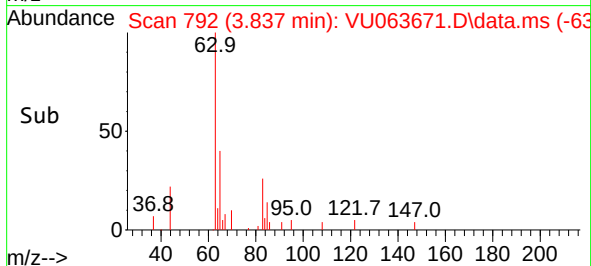
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 63 Resp: 817
Ion Ratio Lower Upper
63 100
98 7.6 3.5 10.5
100 4.7 2.2 6.6

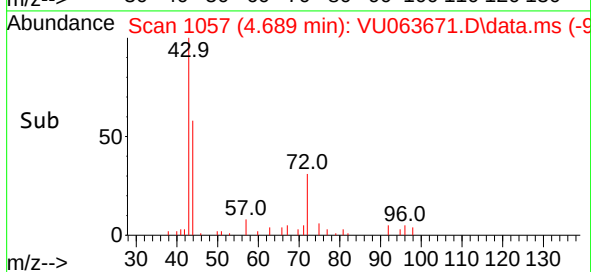
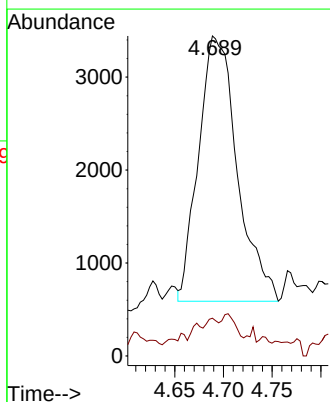
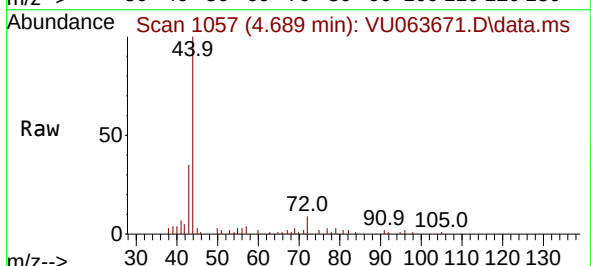
Manual Integrations
APPROVED

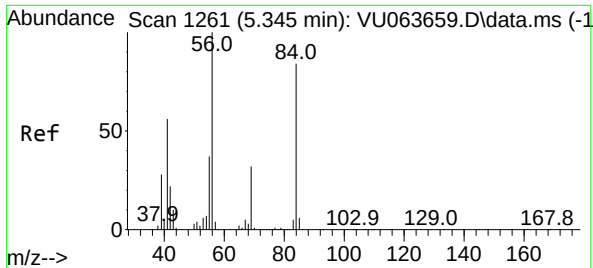
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#18
2-Butanone
Concen: 1.081 ug/l
RT: 4.689 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

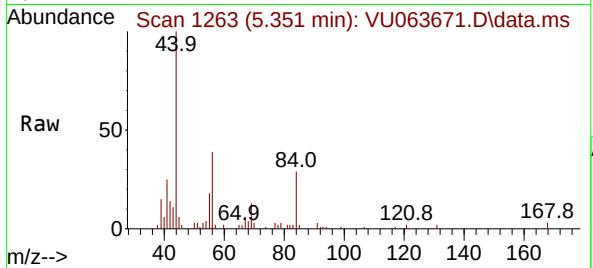
Tgt Ion: 43 Resp: 7888
Ion Ratio Lower Upper
43 100
57 8.8 0.0 16.6





#19
Cyclohexane
Concen: 0.239 ug/l
RT: 5.351 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

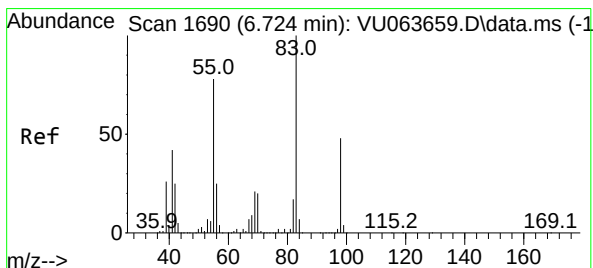
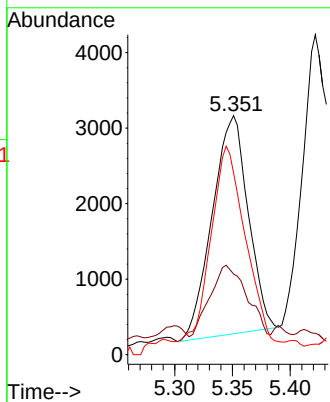
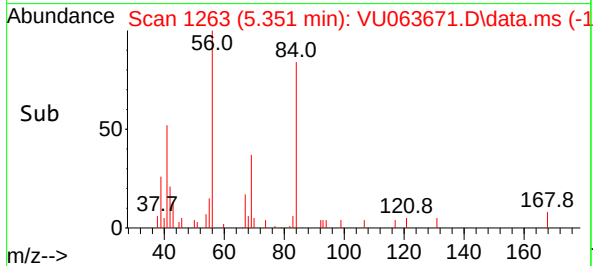
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 56 Resp: 627
Ion Ratio Lower Upper
56 100
69 32.4 27.1 40.7
84 83.6 73.4 110.0

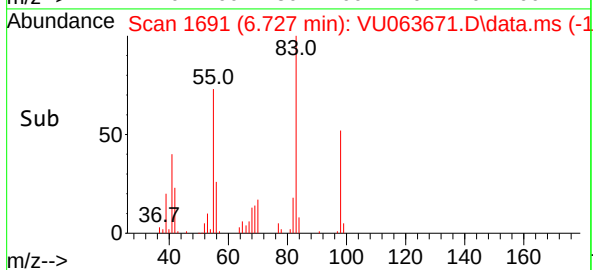
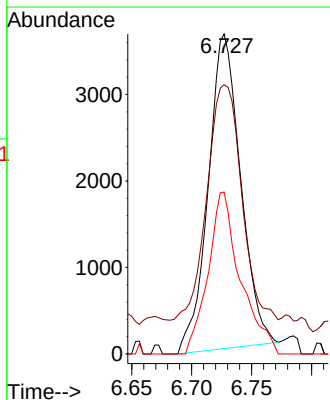
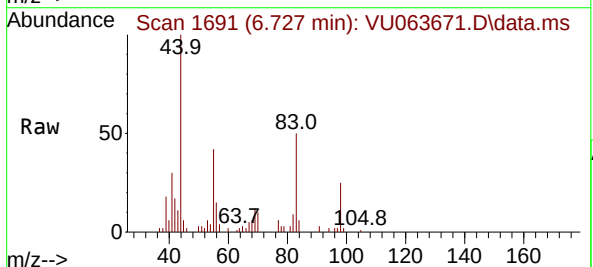
Manual Integrations
APPROVED

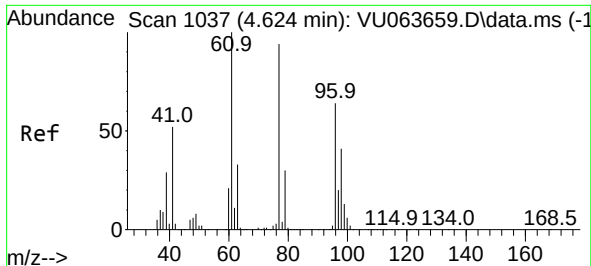
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#20
Methylcyclohexane
Concen: 0.209 ug/l
RT: 6.727 min Scan# 1691
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Tgt Ion: 83 Resp: 6827
Ion Ratio Lower Upper
83 100
55 78.6 61.5 92.3
98 51.2 37.9 56.9





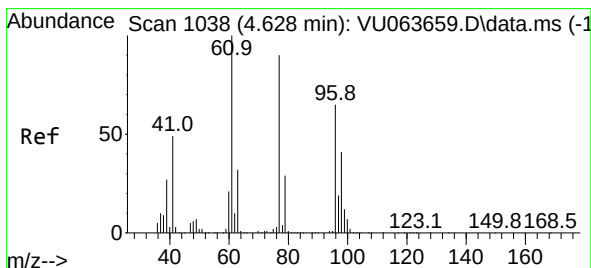
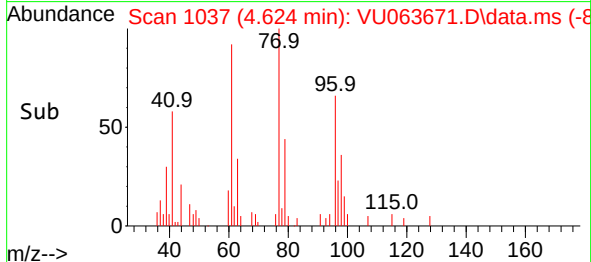
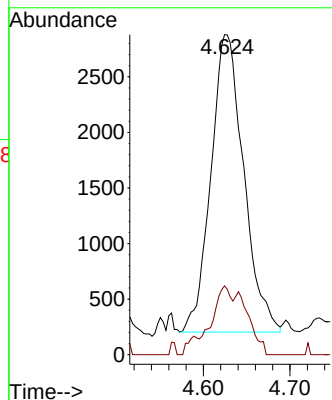
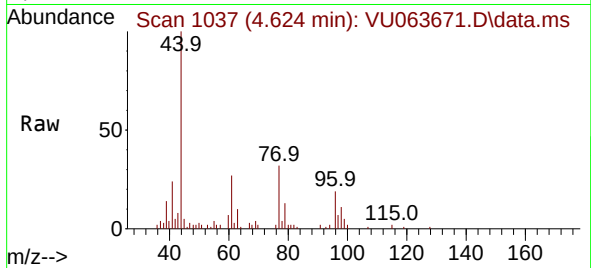
#21
2,2-Dichloropropane
Concen: 0.228 ug/l
RT: 4.624 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 77 Resp: 7049
Ion Ratio Lower Upper
77 100
97 8.8 17.1 25.7

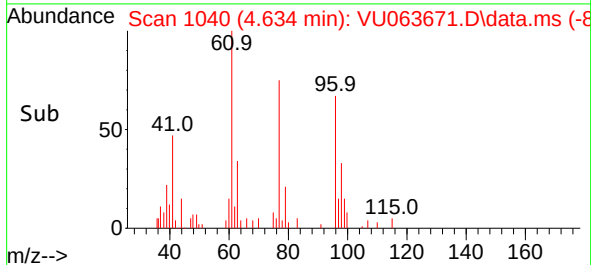
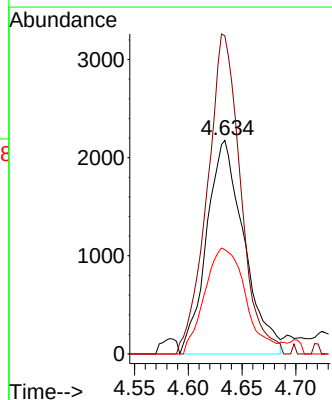
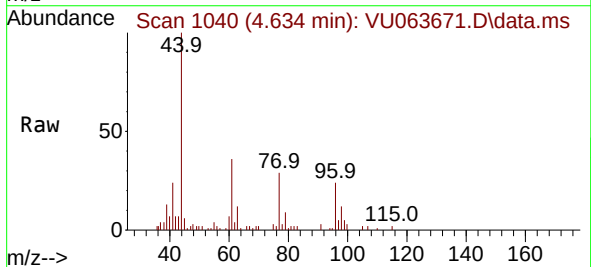
Manual Integrations
APPROVED

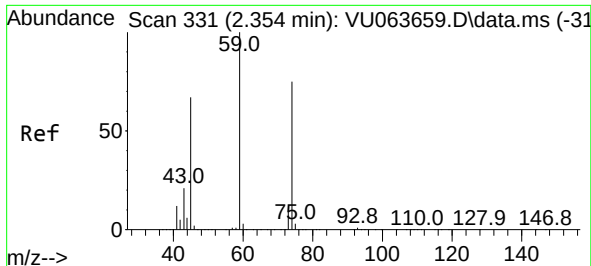
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#22
cis-1,2-Dichloroethene
Concen: 0.266 ug/l
RT: 4.634 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

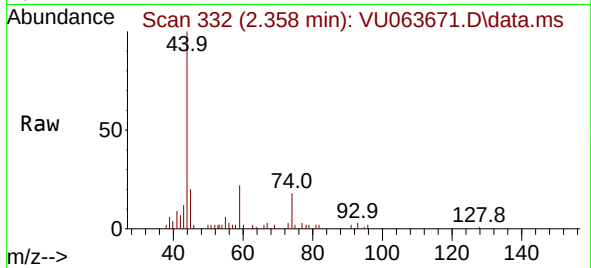
Tgt Ion: 96 Resp: 5269
Ion Ratio Lower Upper
96 100
61 133.3 0.0 385.0
98 54.1 31.3 93.9





#23
Diethyl Ether
Concen: 0.194 ug/l
RT: 2.358 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

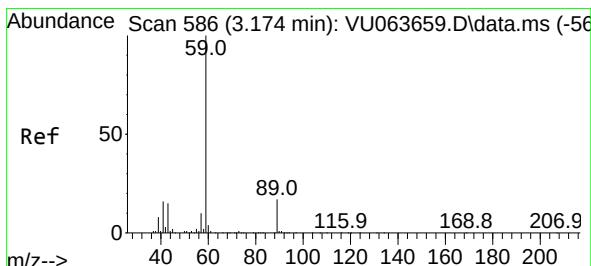
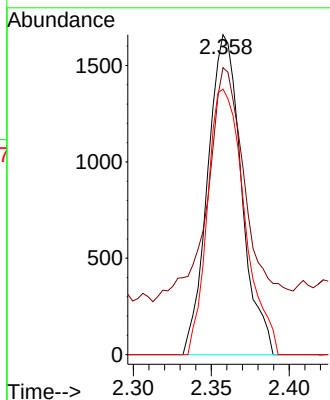
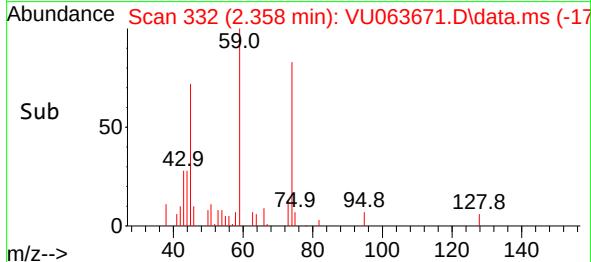
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
45 80.9 52.6 78.8
74 91.1 59.4 89.2

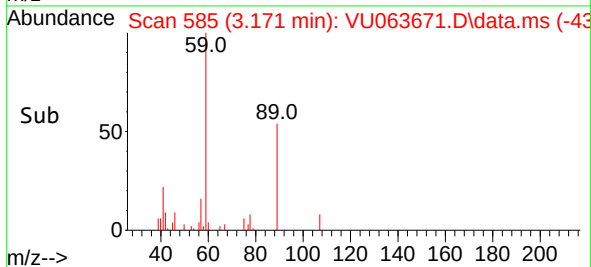
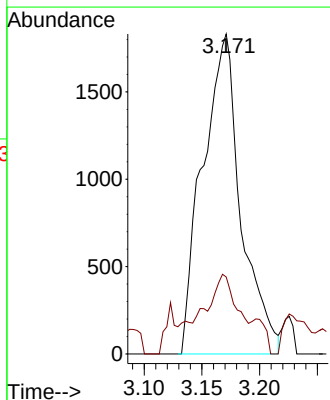
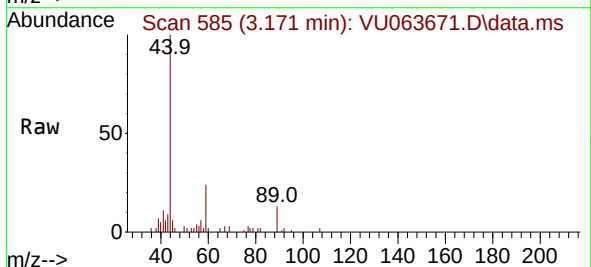
Manual Integrations
APPROVED

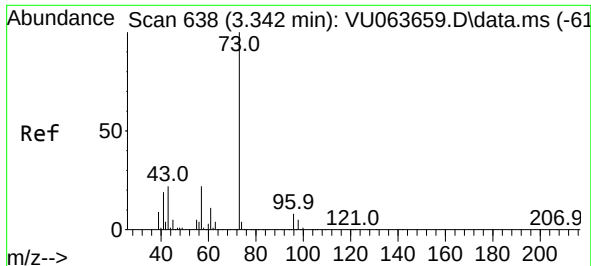
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#24
tert-Butyl Alcohol
Concen: 1.892 ug/l
RT: 3.171 min Scan# 585
Delta R.T. -0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

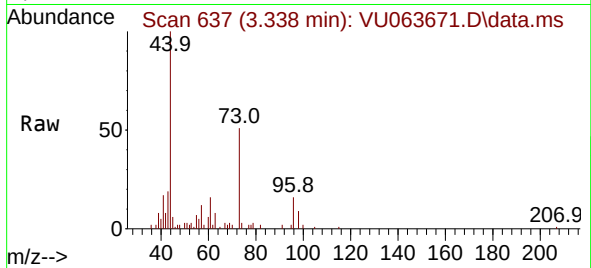
Tgt Ion: 59 Resp: 4207
Ion Ratio Lower Upper
59 100
57 11.9 7.2 10.8





#25
Methyl tert-Butyl Ether
Concen: 0.218 ug/l
RT: 3.338 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

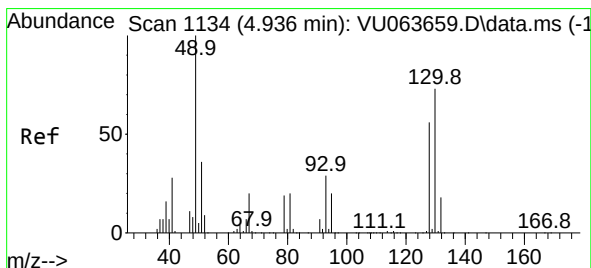
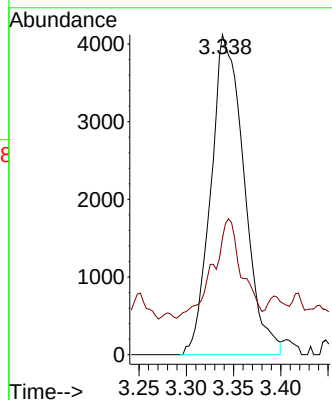
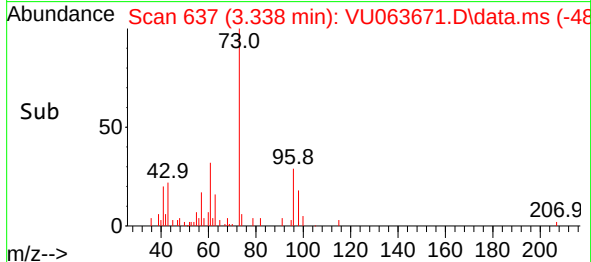
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 73 Resp: 1005
Ion Ratio Lower Upper
73 100
43 26.9 17.4 26.0

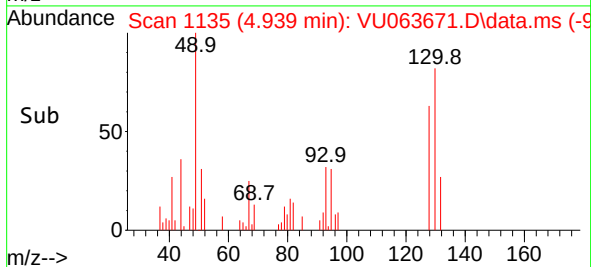
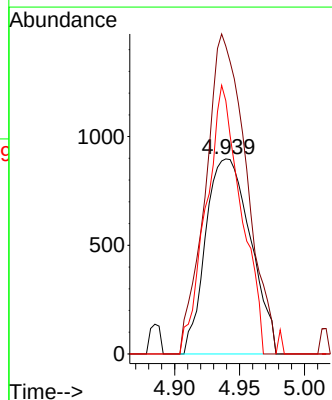
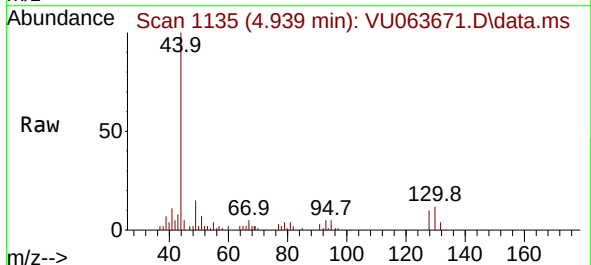
Manual Integrations
APPROVED

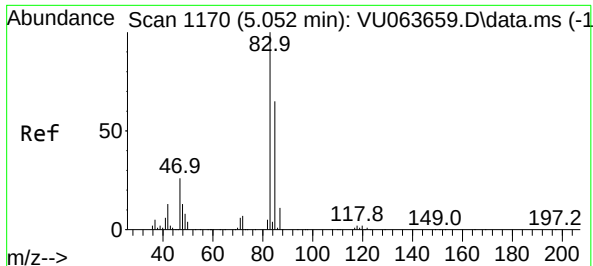
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#26
Bromochloromethane
Concen: 0.259 ug/l
RT: 4.939 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Tgt Ion:128 Resp: 2159
Ion Ratio Lower Upper
128 100
49 149.0 0.0 349.6
130 107.4 102.7 154.1





#27

Chloroform

Concen: 0.241 ug/l

RT: 5.055 min Scan# 1170

Delta R.T. 0.003 min

Lab File: VU063671.D

Acq: 05 Nov 2025 14:27

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 83 Resp: 846

Ion Ratio Lower Upper

83 100

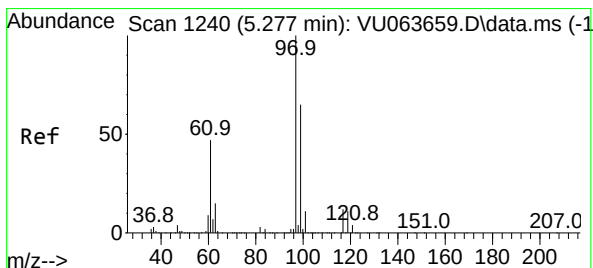
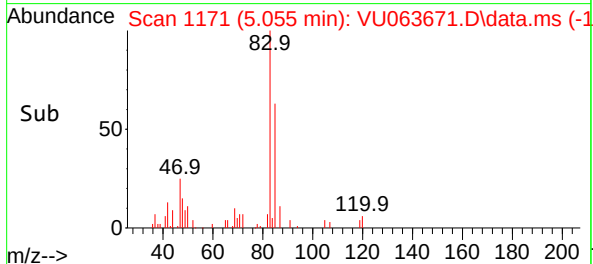
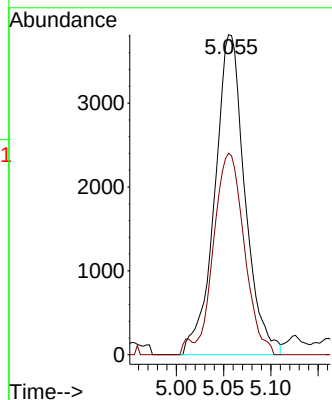
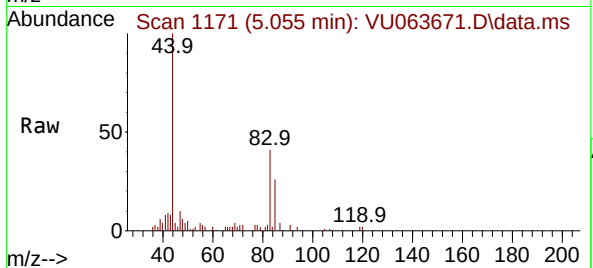
85 63.0 0.0 130.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#28

1,1,1-Trichloroethane

Concen: 0.222 ug/l

RT: 5.280 min Scan# 1241

Delta R.T. 0.003 min

Lab File: VU063671.D

Acq: 05 Nov 2025 14:27

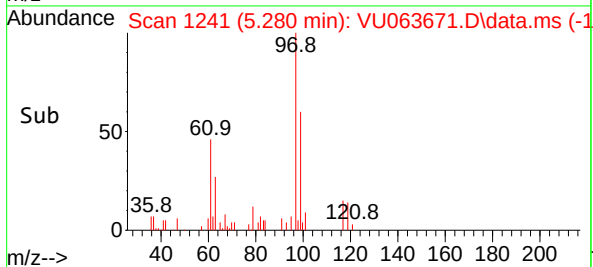
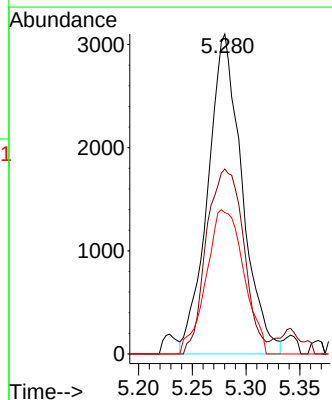
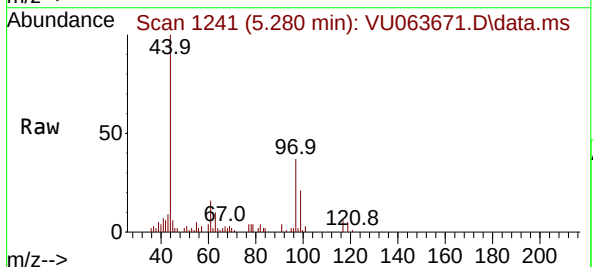
Tgt Ion: 97 Resp: 6877

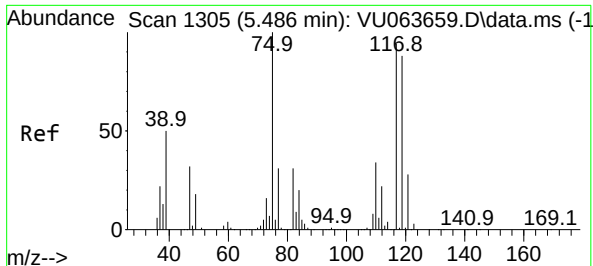
Ion Ratio Lower Upper

97 100

99 62.7 32.3 96.8

61 49.5 23.3 69.8





#29

1,1-Dichloropropene

Concen: 0.236 ug/l

RT: 5.486 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VU063671.D

Acq: 05 Nov 2025 14:27

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

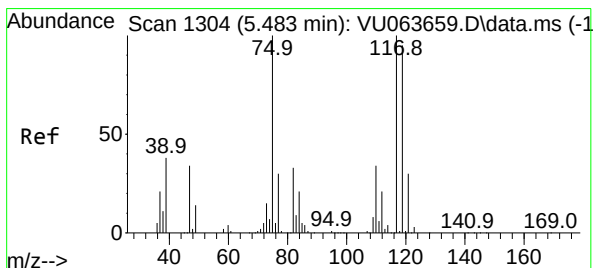
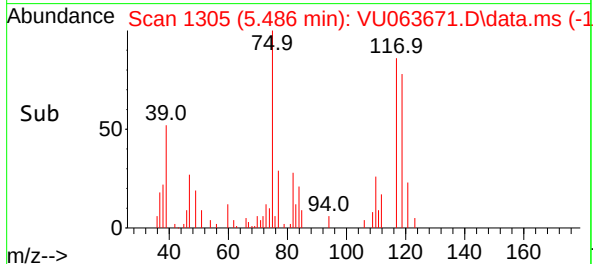
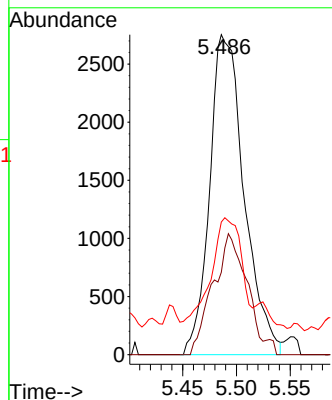
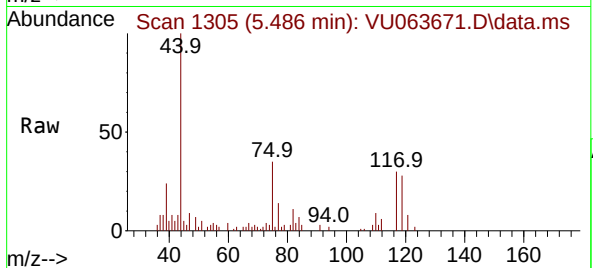
Tgt Ion: 75	Resp: 6138
Ion Ratio	Lower Upper
75	100
110	37.7 17.2 51.5
77	27.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#30

Carbon Tetrachloride

Concen: 0.217 ug/l

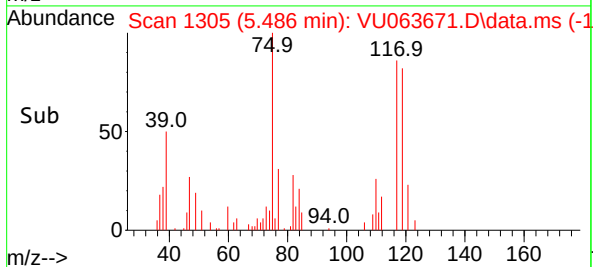
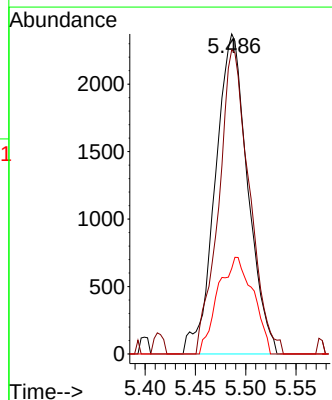
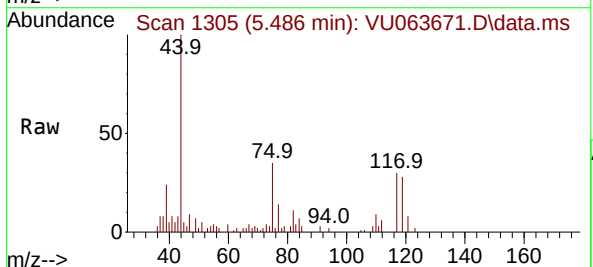
RT: 5.486 min Scan# 1305

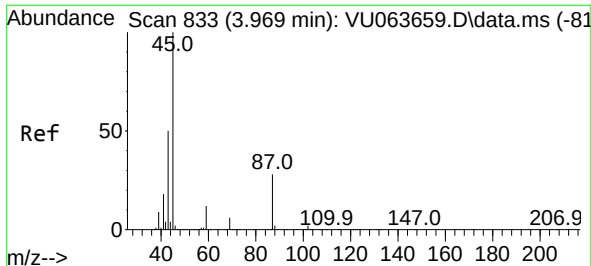
Delta R.T. 0.003 min

Lab File: VU063671.D

Acq: 05 Nov 2025 14:27

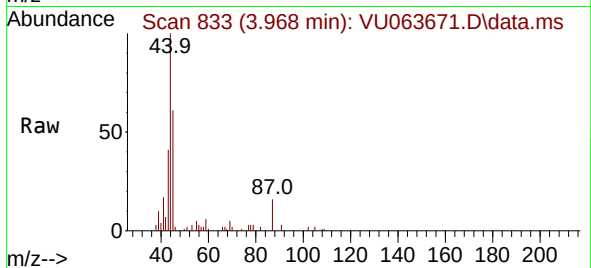
Tgt Ion: 117	Resp: 5324
Ion Ratio	Lower Upper
117	100
119	95.1 75.7 113.5
121	26.7 23.8 35.6





#31
Isopropyl Ether
Concen: 0.236 ug/l
RT: 3.968 min Scan# 811
Delta R.T. -0.000 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

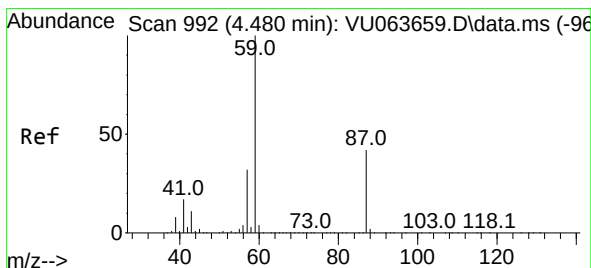
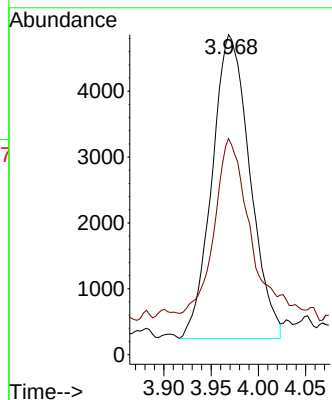
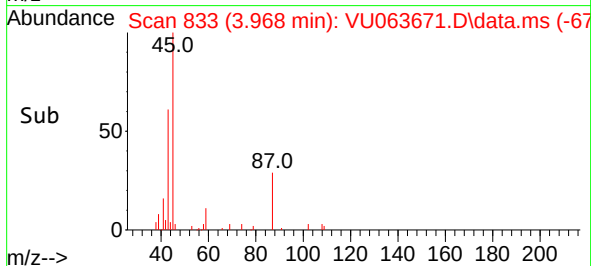
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



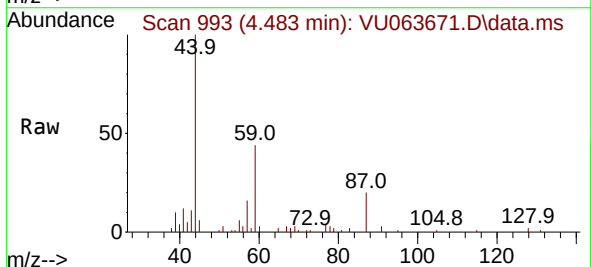
Tgt Ion: 45 Resp: 12849
Ion Ratio Lower Upper
45 100
43 54.3 25.3 75.9

Manual Integrations
APPROVED

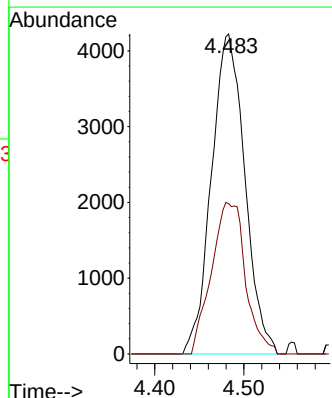
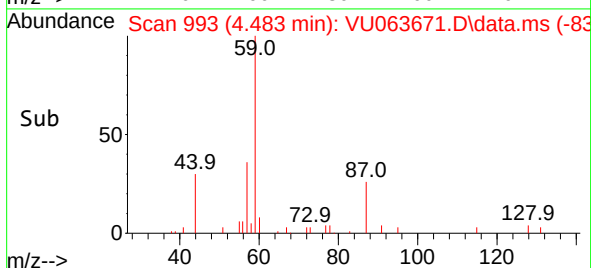
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

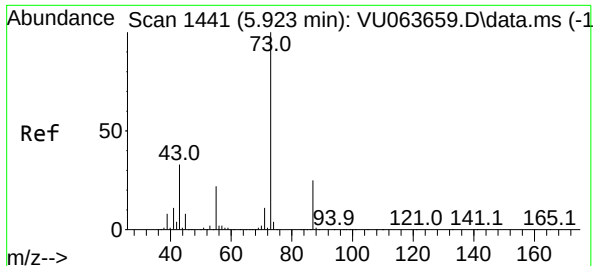


#32
Ethyl-t-butyl ether
Concen: 0.209 ug/l
RT: 4.483 min Scan# 993
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27



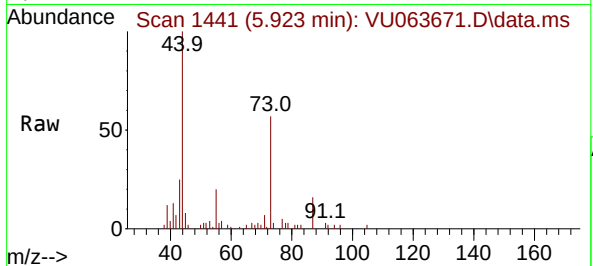
Tgt Ion: 59 Resp: 10990
Ion Ratio Lower Upper
59 100
87 48.3 33.0 49.6





#33
Tert-Amyl methyl ether
Concen: 0.214 ug/l
RT: 5.923 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

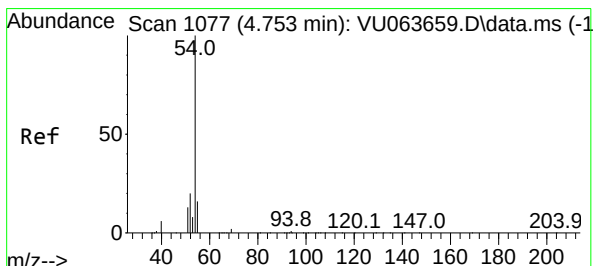
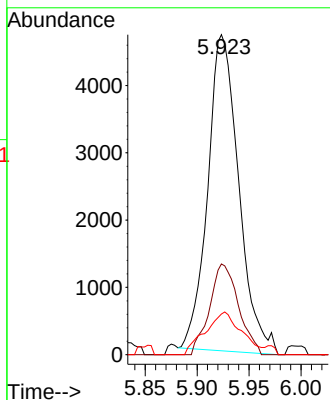
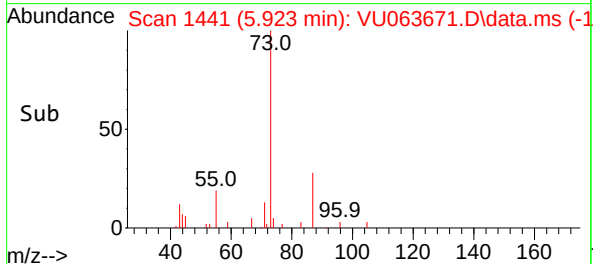
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



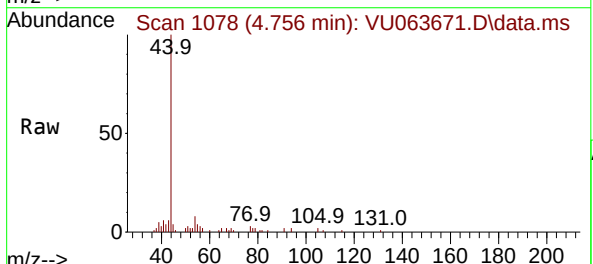
Tgt Ion	Ratio	Lower	Upper
73	100		
87	26.8	20.0	30.0
71	13.1	9.0	13.4

Manual Integrations
APPROVED

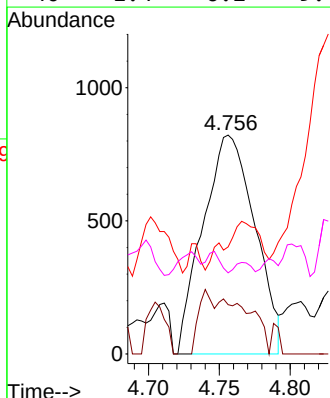
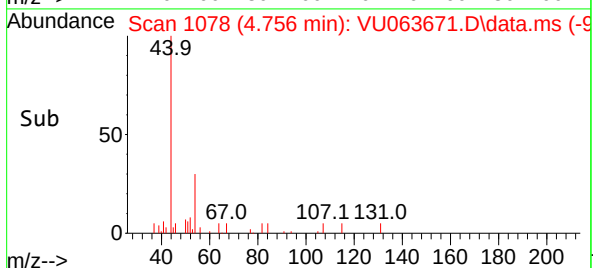
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

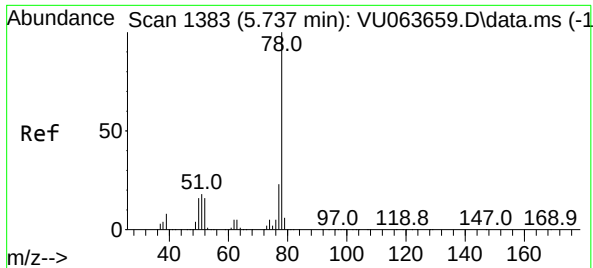


#34
Propionitrile
Concen: 1.474 ug/l
RT: 4.756 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27



Tgt Ion	Ratio	Lower	Upper
54	100		
52	0.0	15.8	23.6#
55	12.7	11.3	16.9
40	1.4	6.2	9.4#





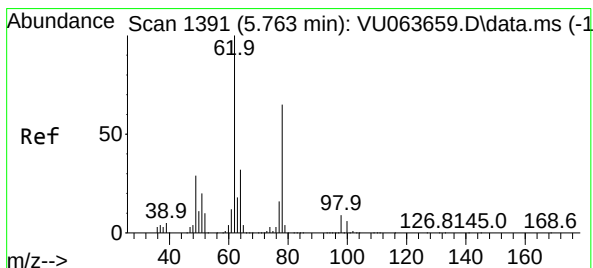
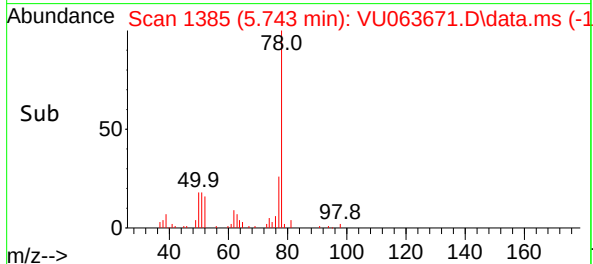
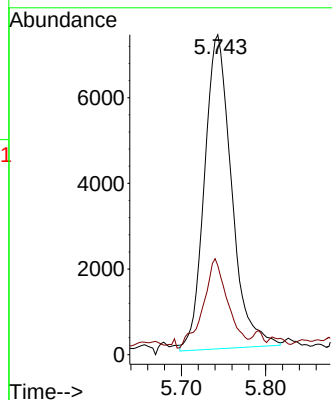
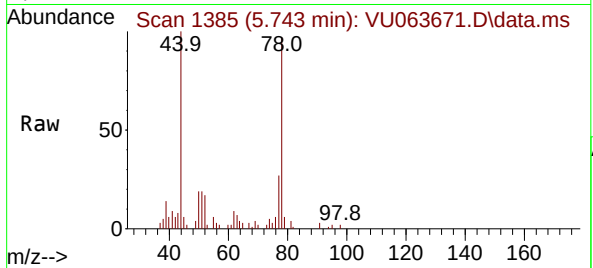
#35
Benzene
Concen: 0.223 ug/l
RT: 5.743 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 78 Resp: 16400
Ion Ratio Lower Upper
78 100
77 26.7 18.3 27.5

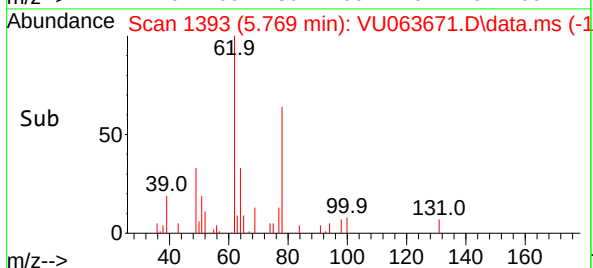
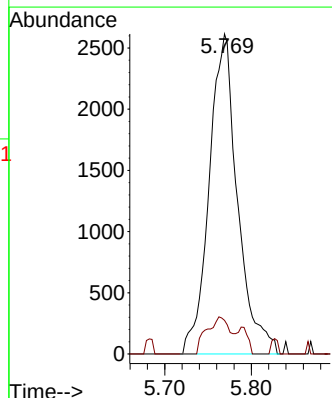
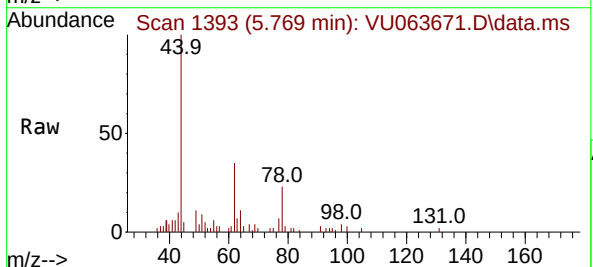
Manual Integrations
APPROVED

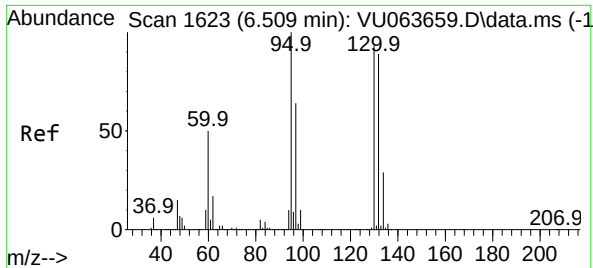
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#36
1,2-Dichloroethane
Concen: 0.252 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

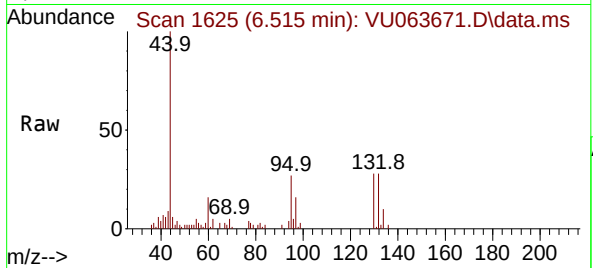
Tgt Ion: 62 Resp: 5950
Ion Ratio Lower Upper
62 100
98 9.2 6.8 10.2





#37
Trichloroethene
Concen: 0.211 ug/l
RT: 6.515 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

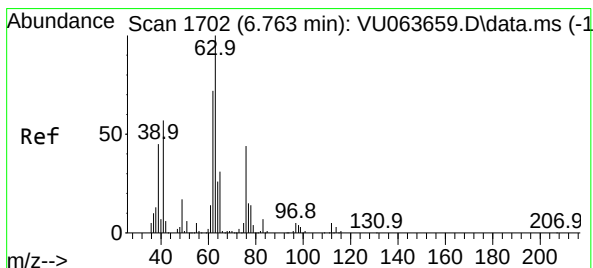
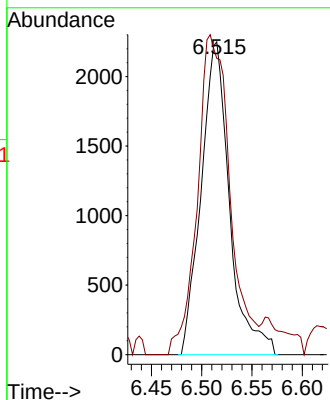
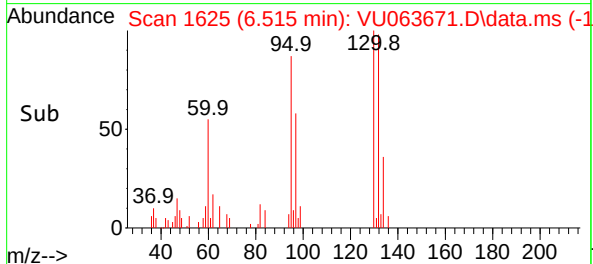
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



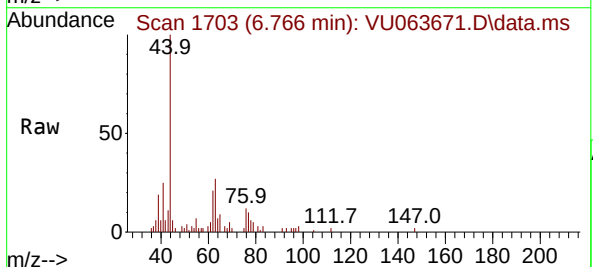
Tgt Ion:130 Resp: 441
Ion Ratio Lower Upper
130 100
95 88.3 86.0 129.0

Manual Integrations
APPROVED

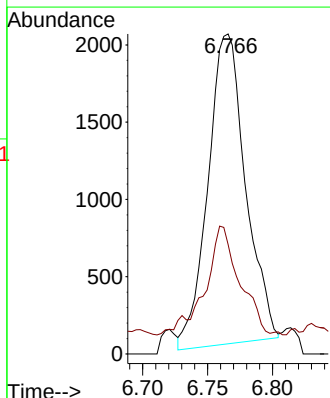
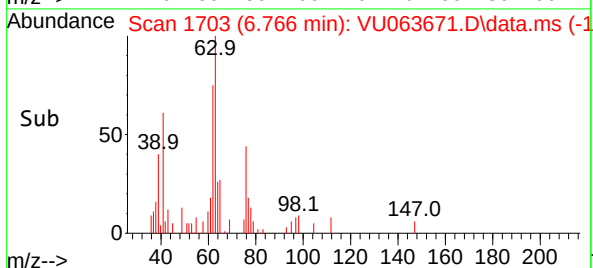
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

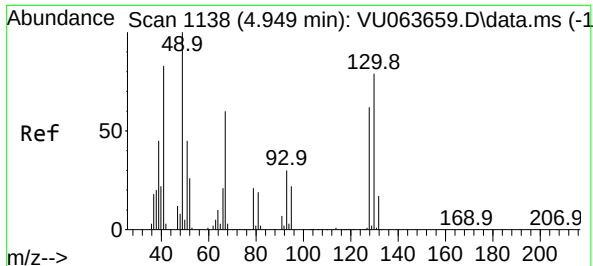


#38
1,2-Dichloropropane
Concen: 0.197 ug/l
RT: 6.766 min Scan# 1703
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27



Tgt Ion: 63 Resp: 4041
Ion Ratio Lower Upper
63 100
65 29.1 24.5 36.7





#39

Methacrylonitrile

Concen: 0.250 ug/l

RT: 4.952 min Scan# 1139

Delta R.T. 0.003 min

Lab File: VU063671.D

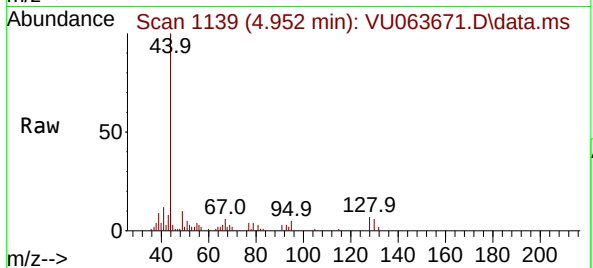
Acq: 05 Nov 2025 14:27

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 41 Resp: 177

Ion Ratio Lower Upper

41 100

67 59.6 61.4 92.2

39 54.7 46.5 69.7

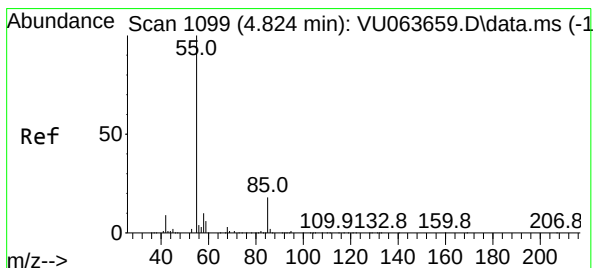
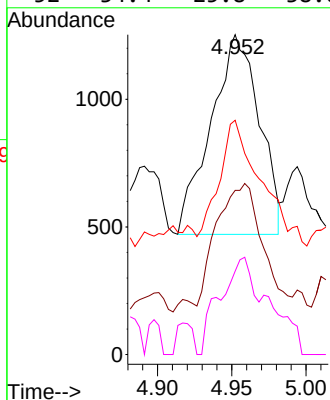
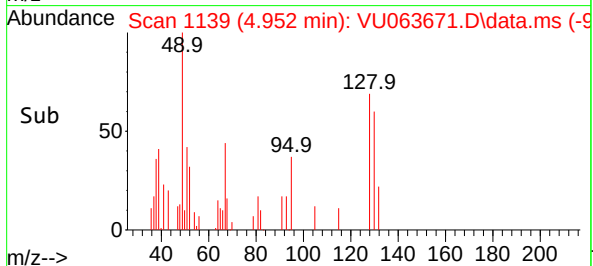
52 34.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#40

Methyl acrylate

Concen: 0.240 ug/l

RT: 4.830 min Scan# 1101

Delta R.T. 0.006 min

Lab File: VU063671.D

Acq: 05 Nov 2025 14:27

Tgt Ion: 55 Resp: 2478

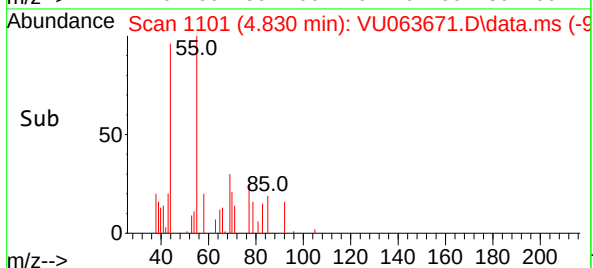
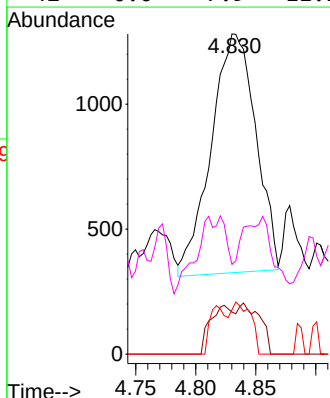
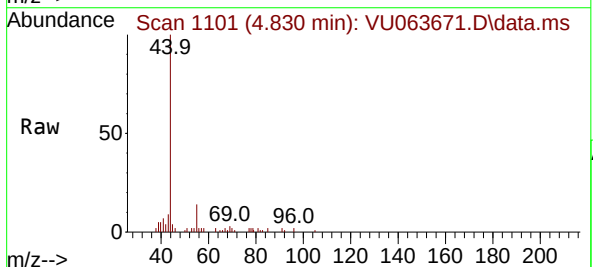
Ion Ratio Lower Upper

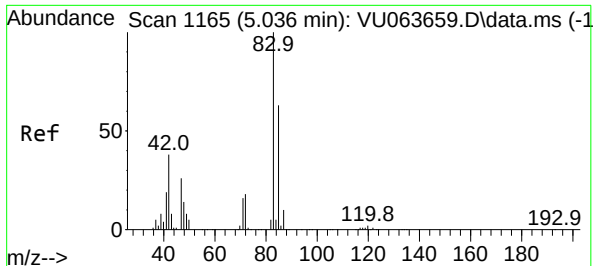
55 100

85 11.1 15.3 22.9

58 9.4 7.7 11.5

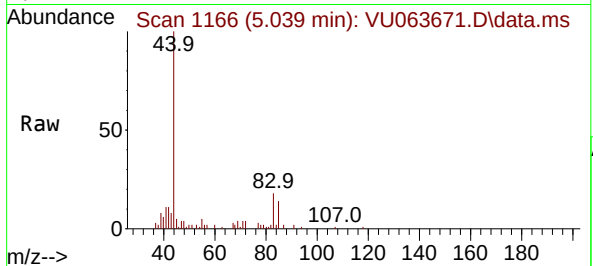
42 0.0 7.9 11.9





#41
Tetrahydrofuran
Concen: 0.451 ug/l
RT: 5.039 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

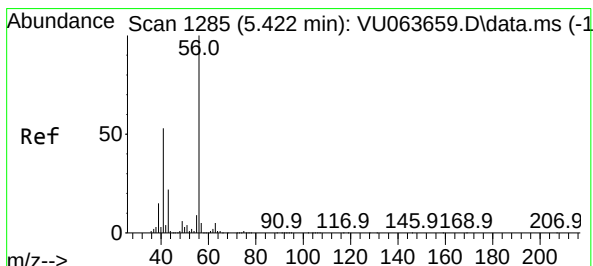
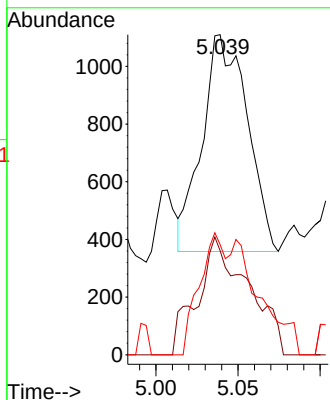
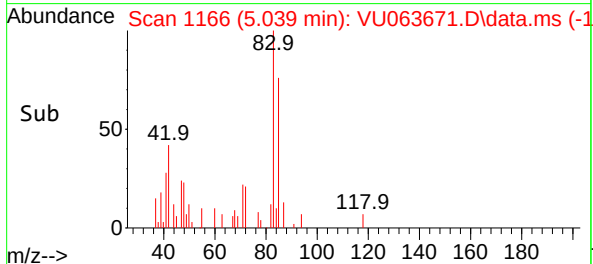
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



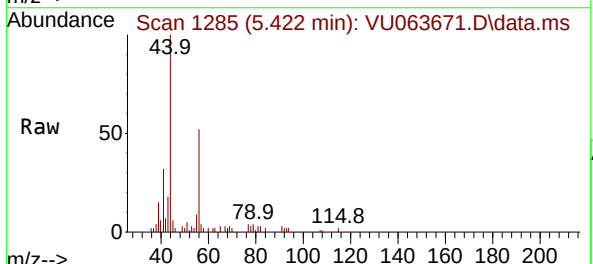
Tgt Ion: 42 Resp: 1439
Ion Ratio Lower Upper
42 100
72 61.1 40.5 60.7
71 31.8 35.0 52.6

Manual Integrations
APPROVED

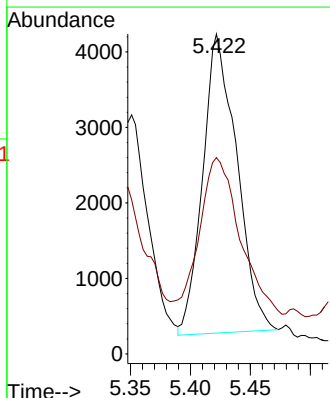
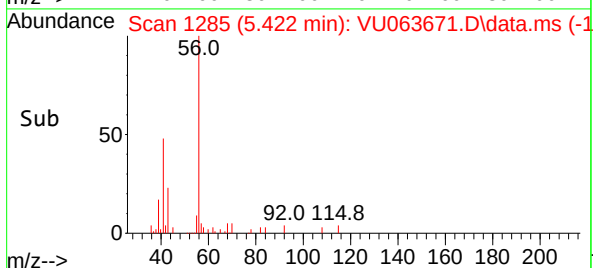
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

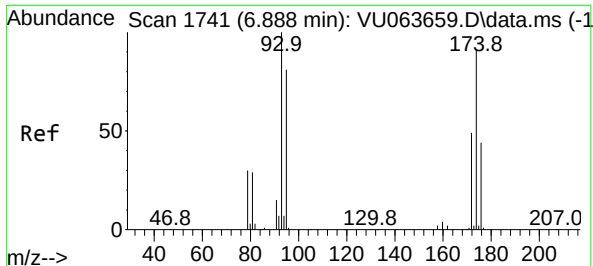


#42
1-Chlorobutane
Concen: 0.224 ug/l
RT: 5.422 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27



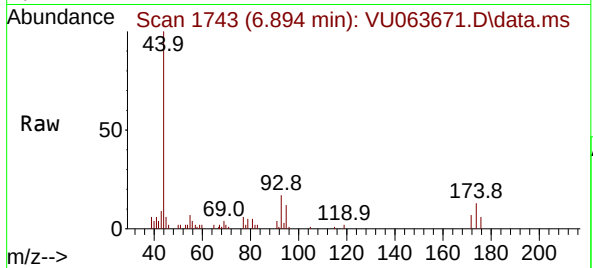
Tgt Ion: 56 Resp: 7820
Ion Ratio Lower Upper
56 100
41 61.7 25.9 77.6





#43
Dibromomethane
Concen: 0.237 ug/l
RT: 6.894 min Scan# 1741
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

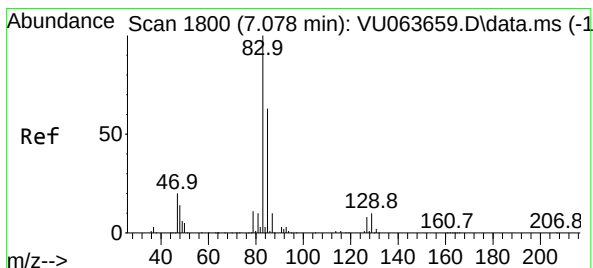
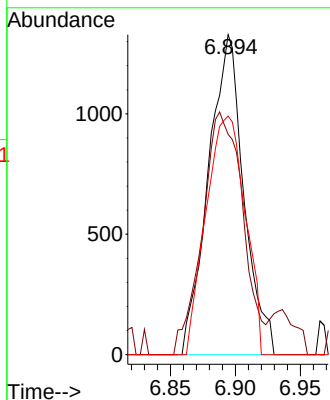
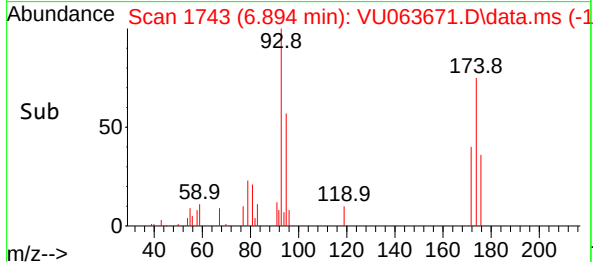
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



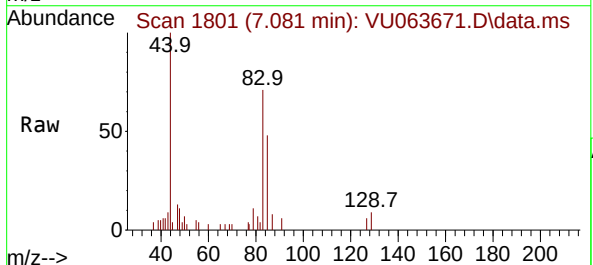
Tgt Ion: 93 Resp: 2515
Ion Ratio Lower Upper
93 100
95 86.6 64.6 97.0
174 82.7 73.8 110.8

Manual Integrations
APPROVED

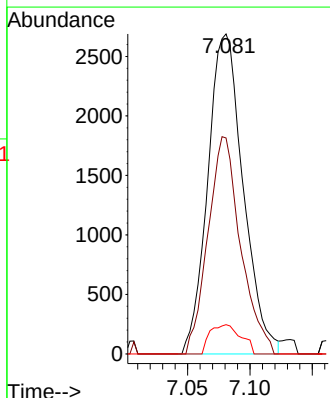
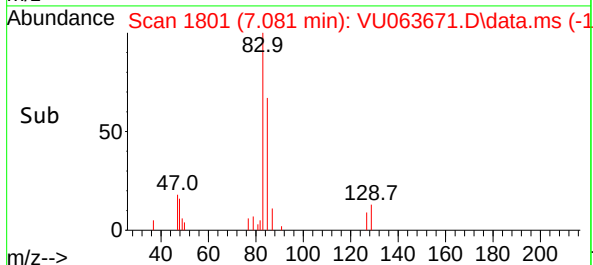
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

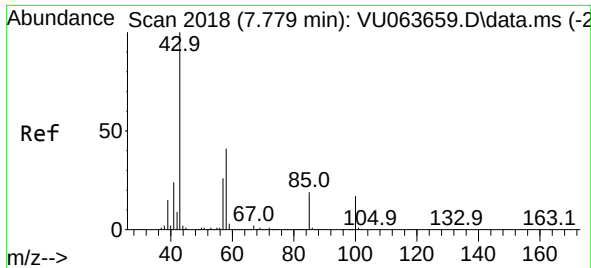


#44
Bromodichloromethane
Concen: 0.204 ug/l
RT: 7.081 min Scan# 1801
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27



Tgt Ion: 83 Resp: 5315
Ion Ratio Lower Upper
83 100
85 67.5 50.5 75.7
127 9.1 6.4 9.6





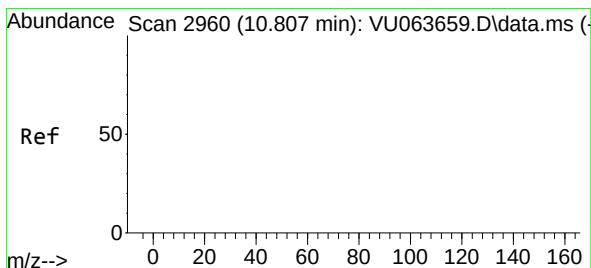
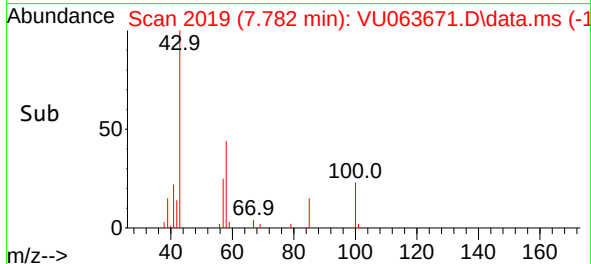
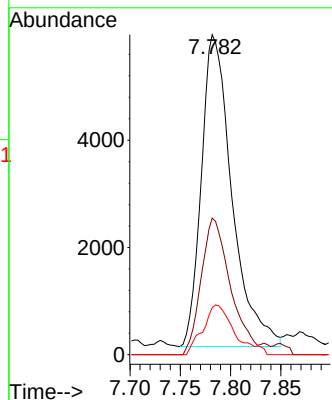
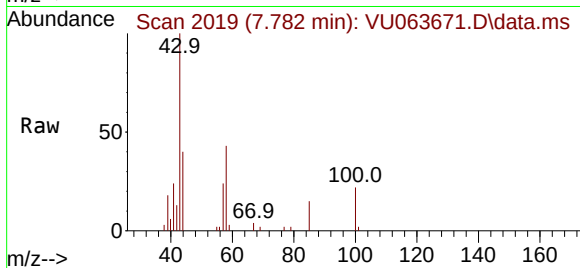
#45
4-Methyl-2-Pentanone
Concen: 0.960 ug/l
RT: 7.782 min Scan# 2018
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43 Resp: 12308
Ion Ratio Lower Upper
43 100
58 42.0 20.2 60.5
85 16.3 15.0 22.6

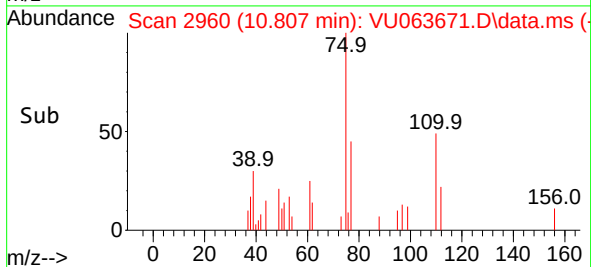
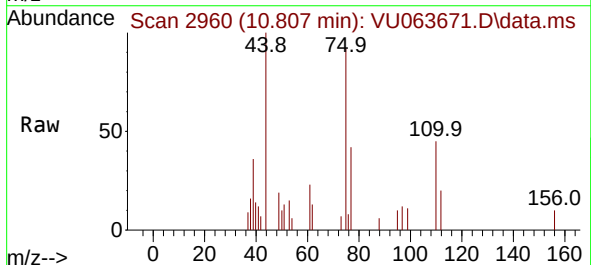
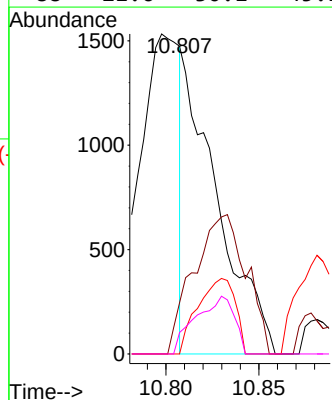
Manual Integrations
APPROVED

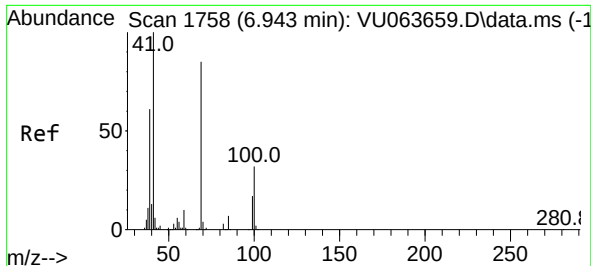
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#46
t-1,4-Dichloro-2-butene
Concen: 0.416 ug/l m
RT: 10.807 min Scan# 2960
Delta R.T. -0.000 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

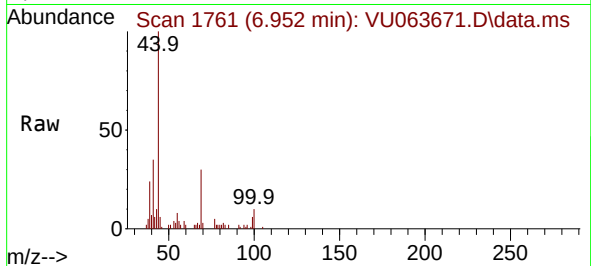
Tgt Ion: 75 Resp: 1848
Ion Ratio Lower Upper
75 100
53 70.5 57.2 85.8
89 27.3 37.9 56.9#
88 21.6 30.1 45.1#





#47
Methyl methacrylate
Concen: 0.383 ug/l
RT: 6.952 min Scan# 1761
Delta R.T. 0.009 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

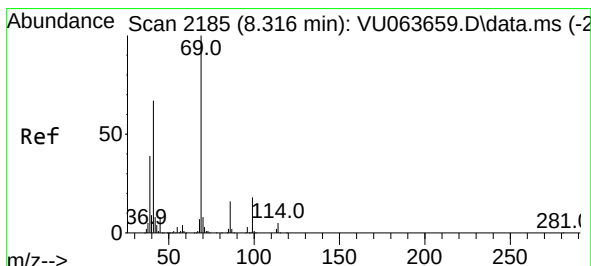
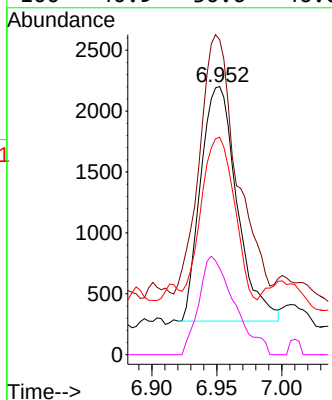
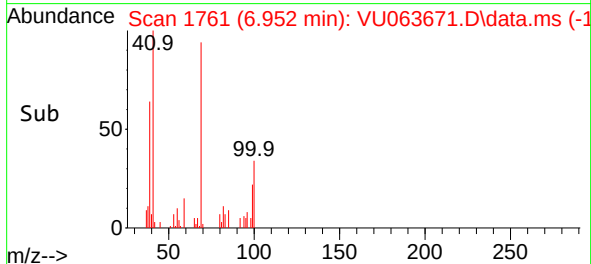
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 69 Resp: 374
Ion Ratio Lower Upper
69 100
41 111.9 0.0 228.2
39 62.4 56.2 84.4
100 40.9 30.6 46.0

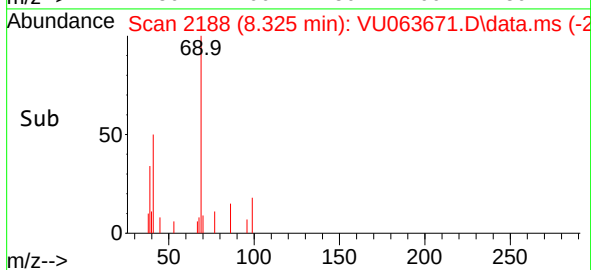
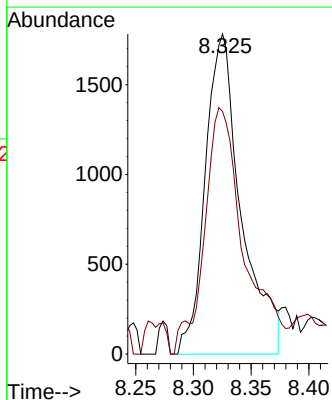
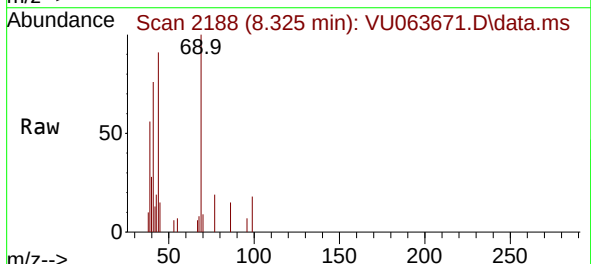
Manual Integrations
APPROVED

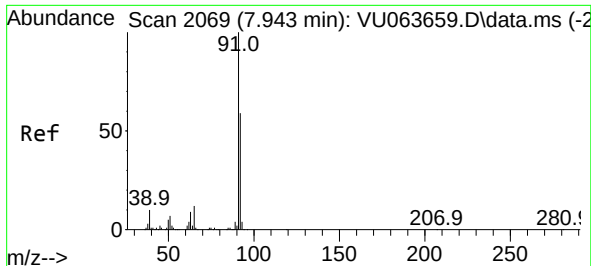
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#48
Ethyl methacrylate
Concen: 0.194 ug/l
RT: 8.325 min Scan# 2188
Delta R.T. 0.009 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Tgt Ion: 69 Resp: 3858
Ion Ratio Lower Upper
69 100
41 84.5 32.8 98.3





#49

Toluene

Concen: 0.220 ug/l

RT: 7.946 min Scan# 2069

Delta R.T. 0.003 min

Lab File: VU063671.D

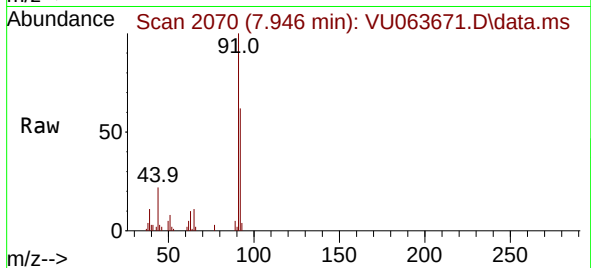
Acq: 05 Nov 2025 14:27

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 92 Resp: 10890

Ion Ratio Lower Upper

92 100

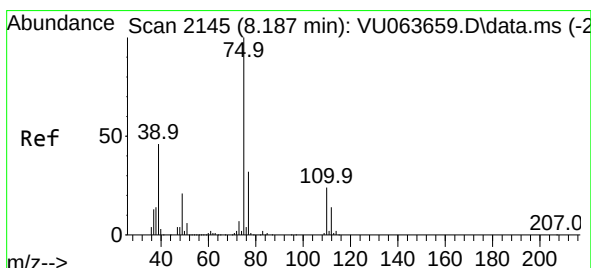
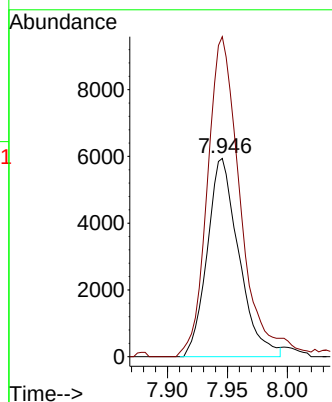
91 168.5 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#50

t-1,3-Dichloropropene

Concen: 0.188 ug/l

RT: 8.190 min Scan# 2146

Delta R.T. 0.003 min

Lab File: VU063671.D

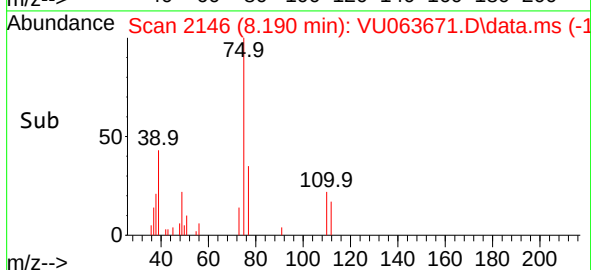
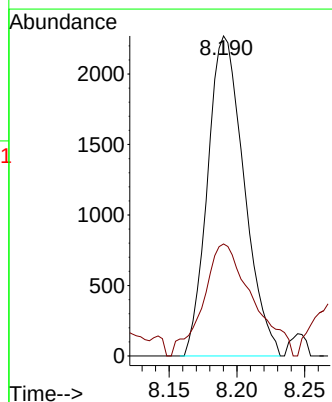
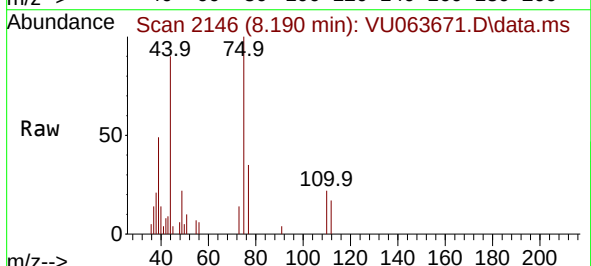
Acq: 05 Nov 2025 14:27

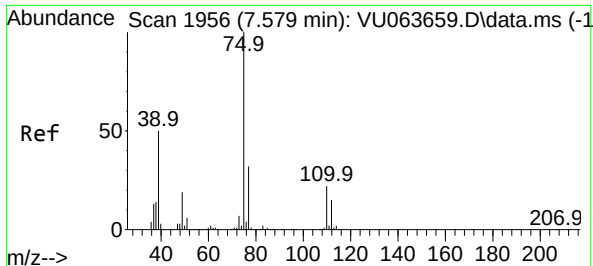
Tgt Ion: 75 Resp: 4248

Ion Ratio Lower Upper

75 100

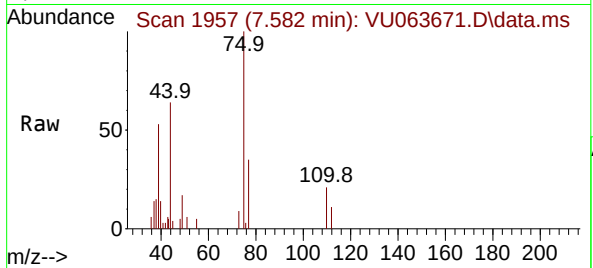
77 29.7 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 0.201 ug/l
 RT: 7.582 min Scan# 1956
 Delta R.T. 0.003 min
 Lab File: VU063671.D
 Acq: 05 Nov 2025 14:27

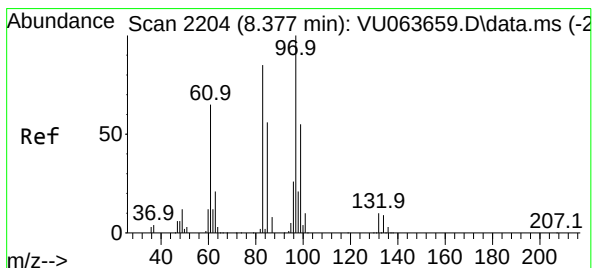
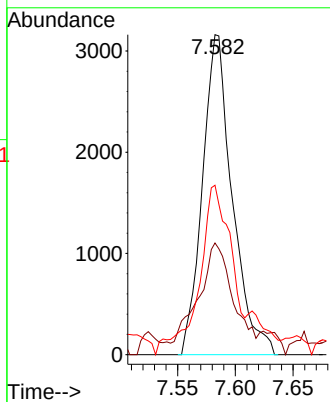
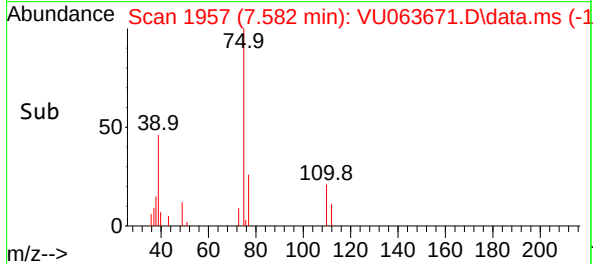
Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 75	Resp: 566
Ion Ratio	Lower Upper
75	100
77	28.6 25.5 38.3
39	46.8 39.9 59.9

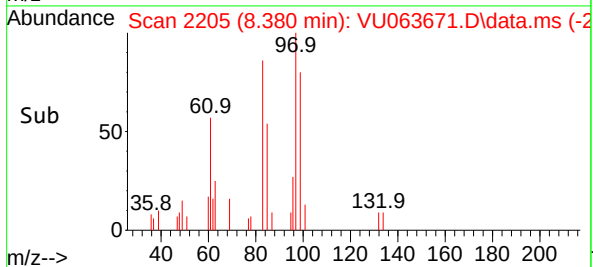
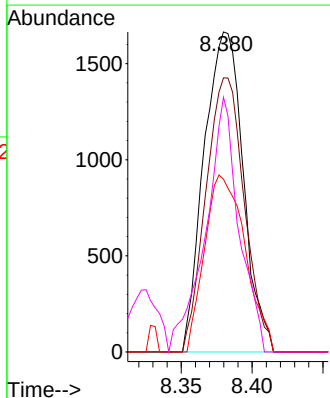
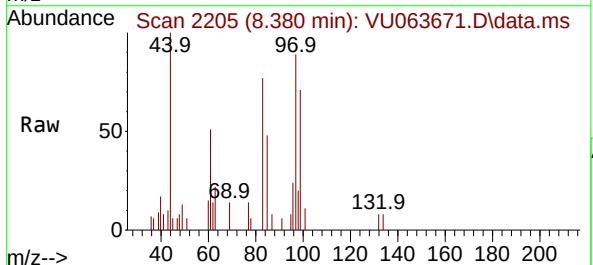
Manual Integrations
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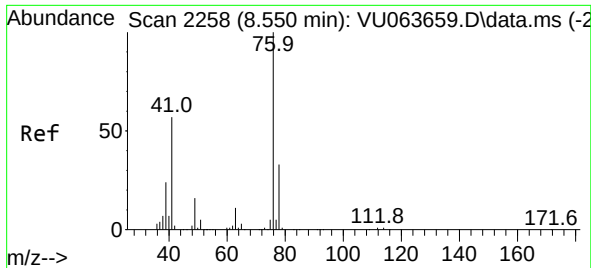
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.221 ug/l
 RT: 8.380 min Scan# 2205
 Delta R.T. 0.003 min
 Lab File: VU063671.D
 Acq: 05 Nov 2025 14:27

Tgt Ion: 97	Resp: 3200
Ion Ratio	Lower Upper
97	100
83	85.6 68.3 102.5
85	54.0 45.3 67.9
99	79.6 49.7 74.5





#53

1,3-Dichloropropane

Concen: 0.206 ug/l

RT: 8.553 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU063671.D

Acq: 05 Nov 2025 14:27

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 76 Resp: 532

Ion Ratio Lower Upper

76 100

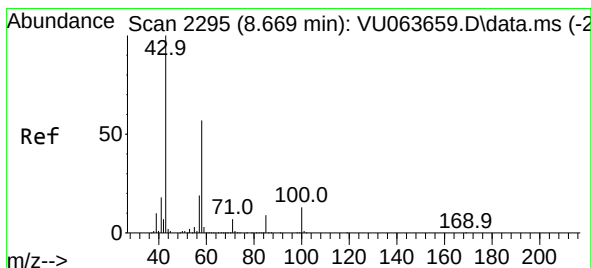
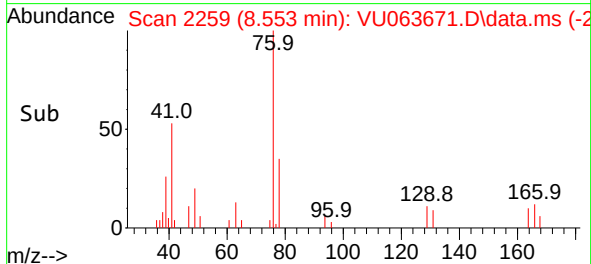
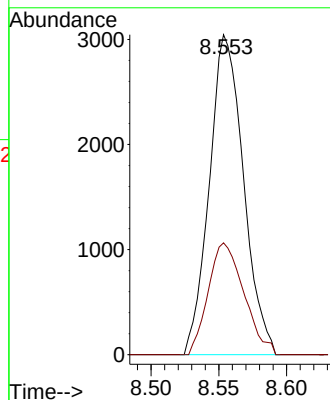
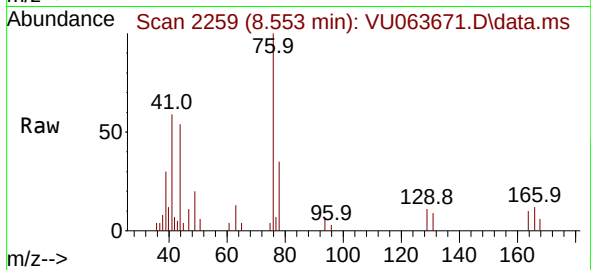
78 36.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#54

2-Hexanone

Concen: 0.961 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.013 min

Lab File: VU063671.D

Acq: 05 Nov 2025 14:27

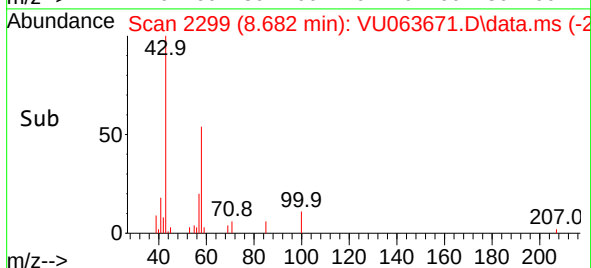
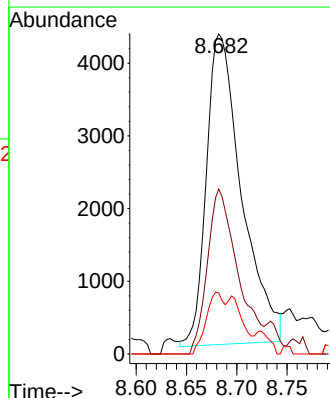
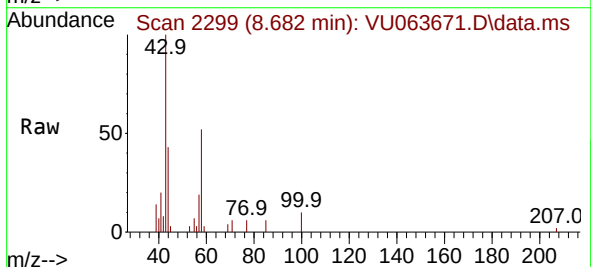
Tgt Ion: 43 Resp: 10407

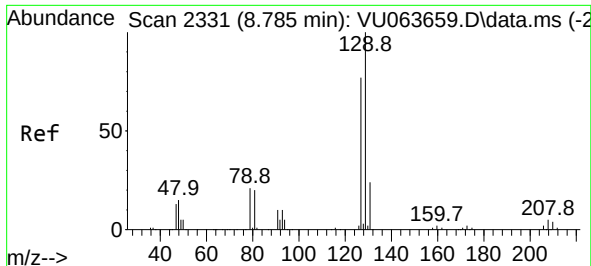
Ion Ratio Lower Upper

43 100

58 46.3 36.3 76.3

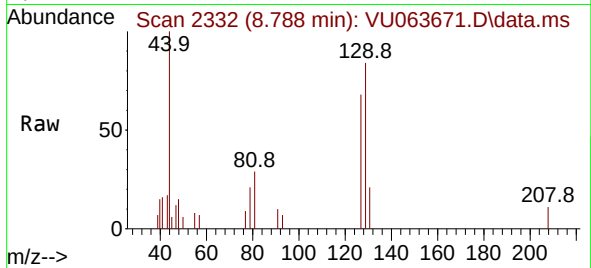
57 10.3 0.0 39.7





#55
Dibromochloromethane
Concen: 0.173 ug/l
RT: 8.788 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

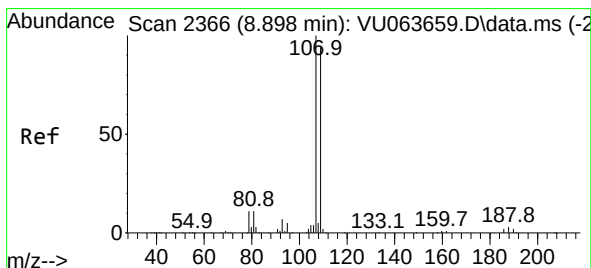
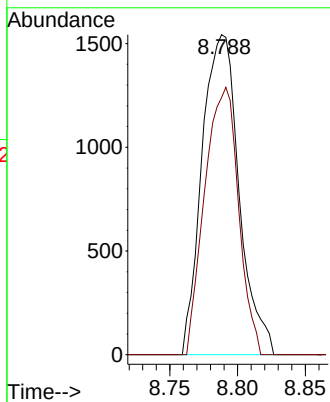
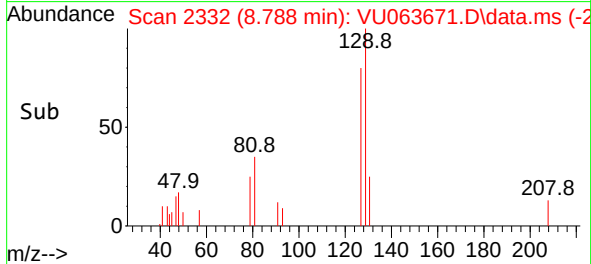
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



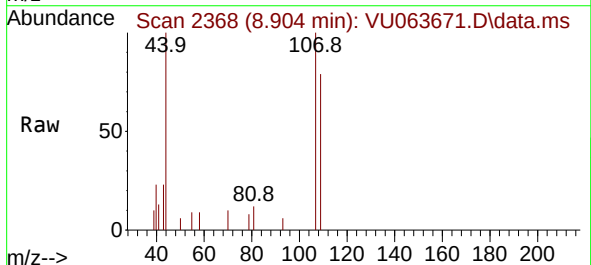
Tgt Ion:129 Resp: 2938
Ion Ratio Lower Upper
129 100
127 76.0 61.4 92.0

Manual Integrations
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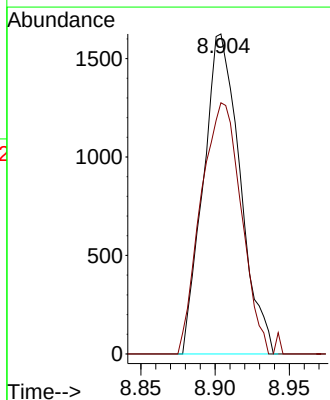
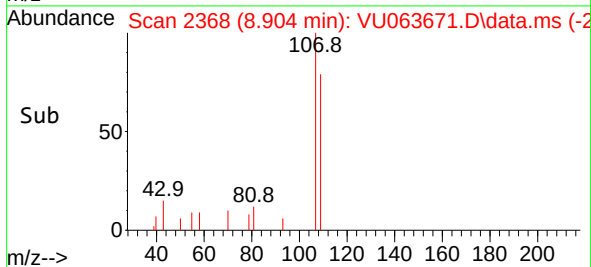
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

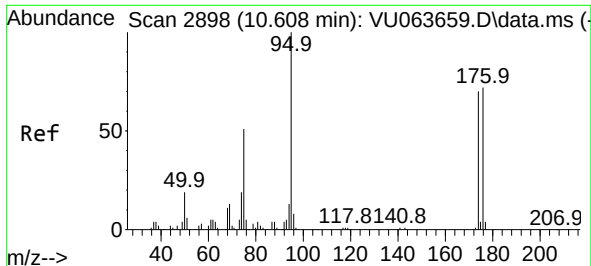


#56
1,2-Dibromoethane
Concen: 0.203 ug/l
RT: 8.904 min Scan# 2368
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27



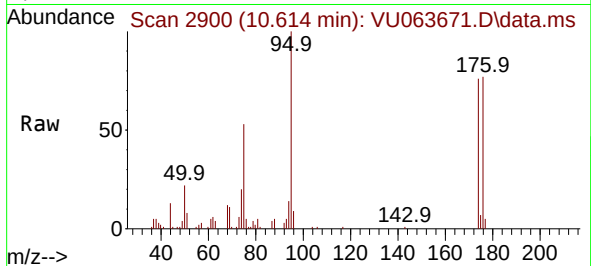
Tgt Ion:107 Resp: 2787
Ion Ratio Lower Upper
107 100
109 86.3 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 0.869 ug/l
RT: 10.614 min Scan# 2900
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

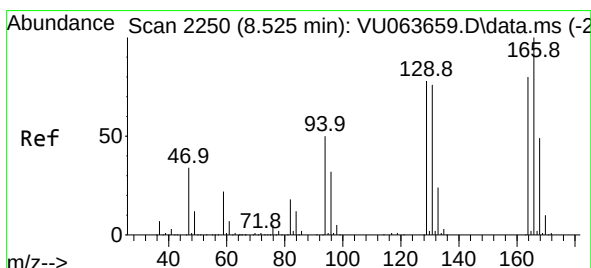
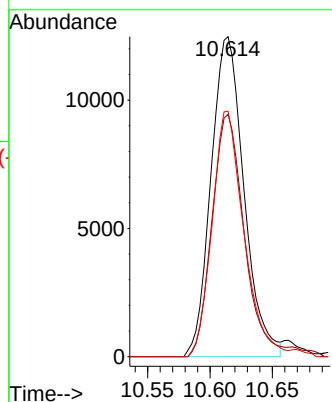
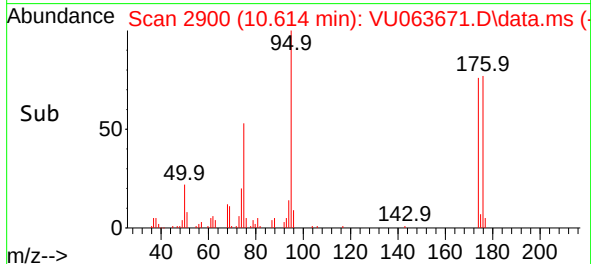
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 95 Resp: 22952
Ion Ratio Lower Upper
95 100
174 75.5 59.9 89.9
176 73.7 58.8 88.2

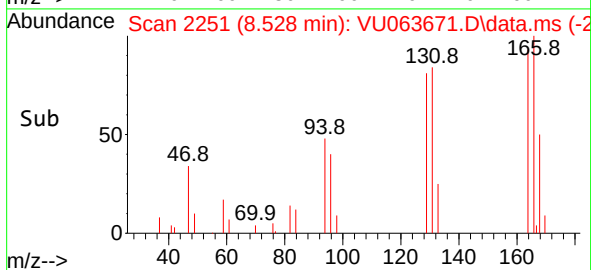
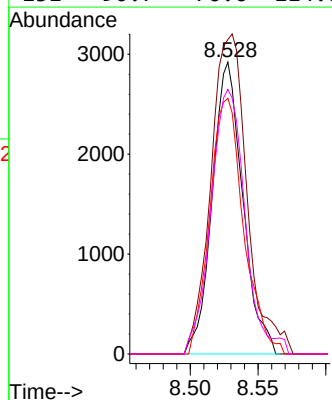
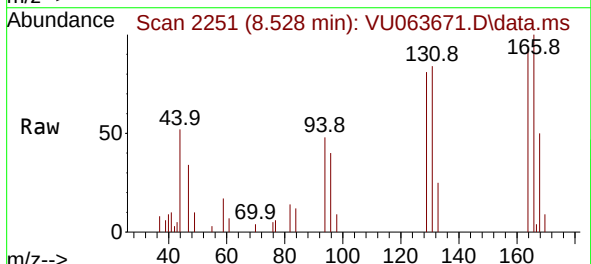
Manual Integrations
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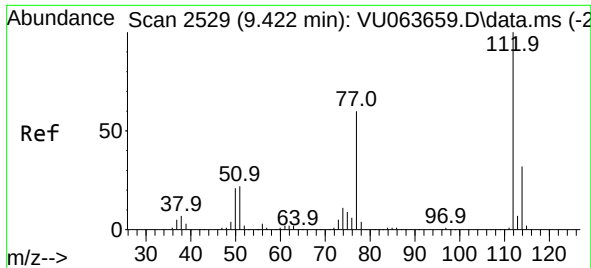
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#58
Tetrachloroethene
Concen: 0.223 ug/l
RT: 8.528 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Tgt Ion:164 Resp: 4569
Ion Ratio Lower Upper
164 100
166 107.7 100.1 150.1
129 87.6 77.6 116.4
131 90.7 76.6 114.8





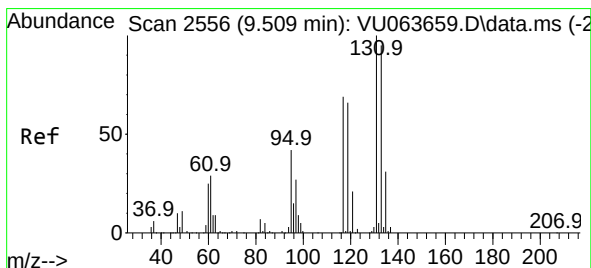
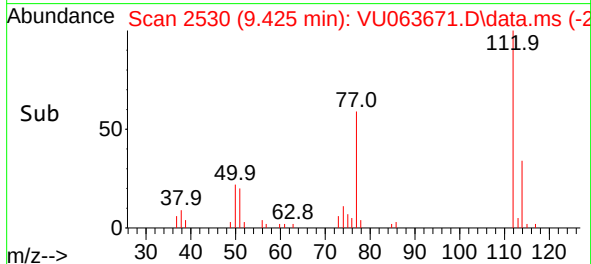
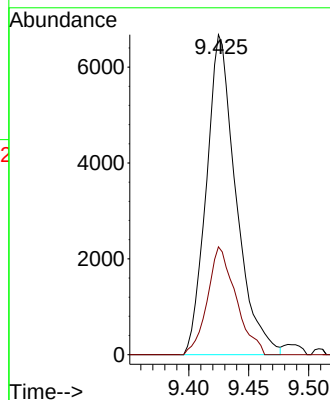
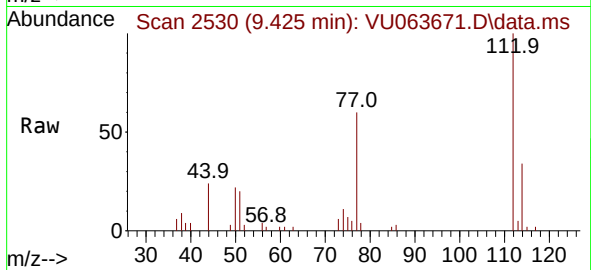
#59
Chlorobenzene
Concen: 0.213 ug/l
RT: 9.425 min Scan# 2146
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion:112 Resp: 1146
Ion Ratio Lower Upper
112 100
114 33.7 26.0 39.0

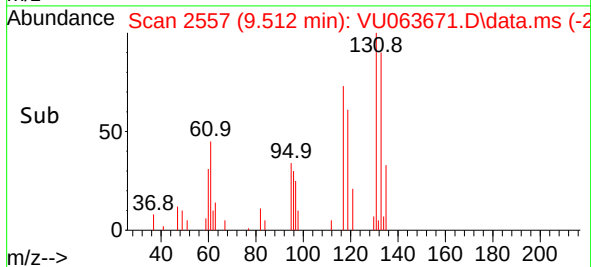
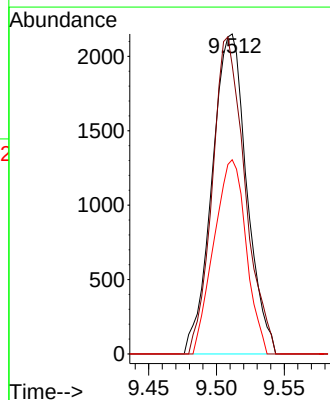
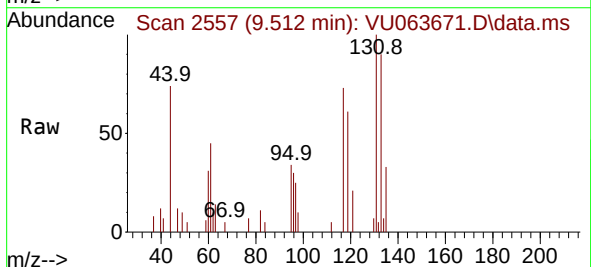
Manual Integrations
APPROVED

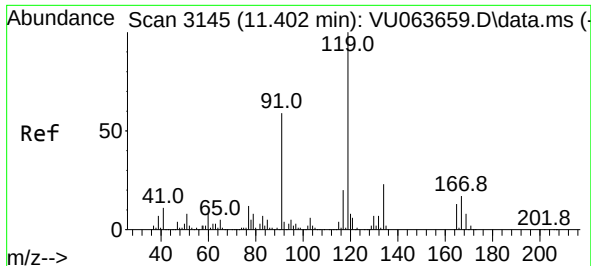
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 0.203 ug/l
RT: 9.512 min Scan# 2557
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Tgt Ion:131 Resp: 3820
Ion Ratio Lower Upper
131 100
133 93.2 77.0 115.6
119 56.5 52.8 79.2





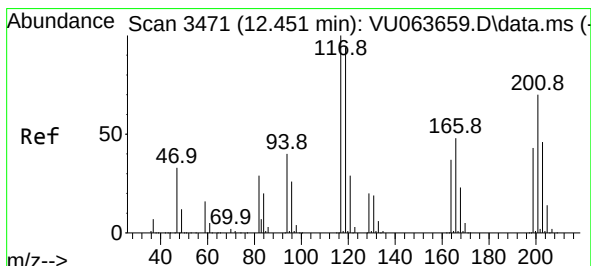
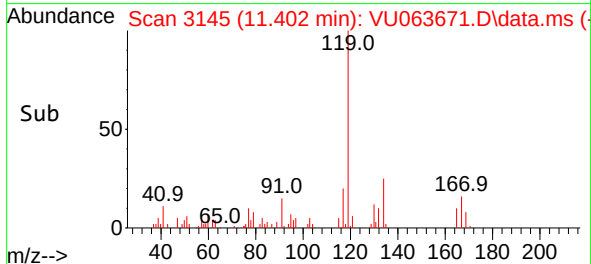
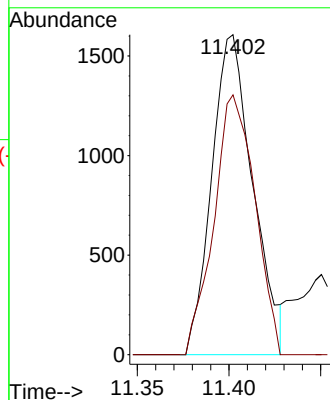
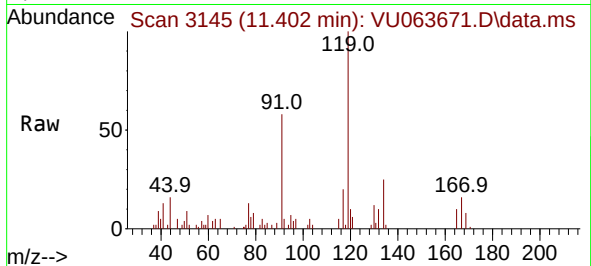
#61
Pentachloroethane
Concen: 0.192 ug/l
RT: 11.402 min Scan# 3145
Delta R.T. -0.000 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion:117 Resp: 250
Ion Ratio Lower Upper
117 100
167 81.2 62.8 94.2

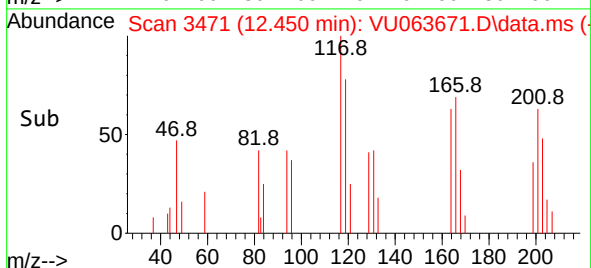
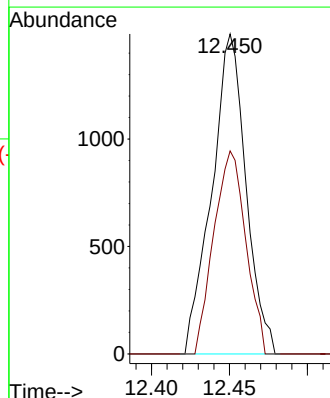
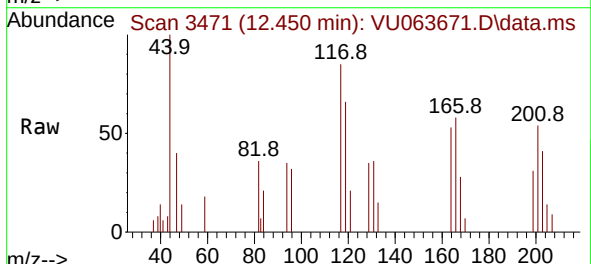
Manual Integrations
APPROVED

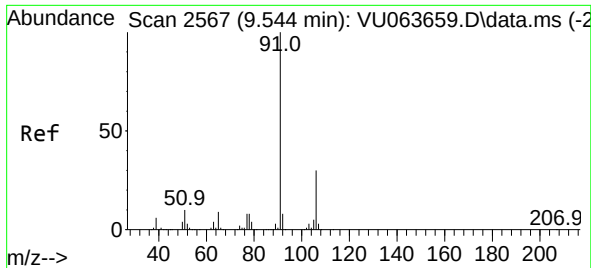
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#62
Hexachloroethane
Concen: 0.159 ug/l
RT: 12.450 min Scan# 3471
Delta R.T. -0.000 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Tgt Ion:117 Resp: 2269
Ion Ratio Lower Upper
117 100
201 59.3 56.3 84.5





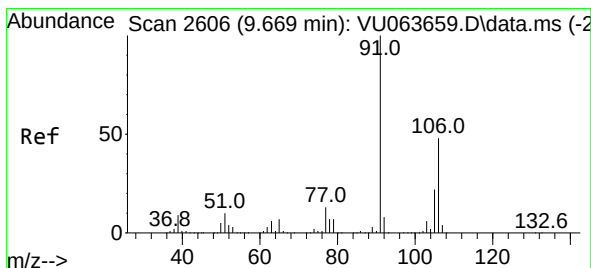
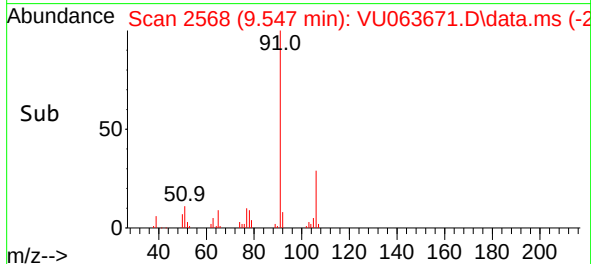
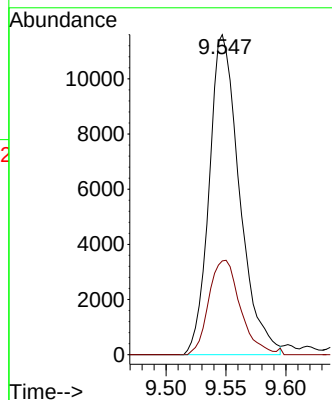
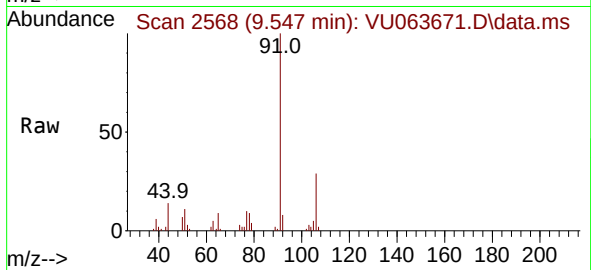
#63
Ethyl Benzene
Concen: 0.209 ug/l
RT: 9.547 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 91 Resp: 2036
Ion Ratio Lower Upper
91 100
106 29.3 24.1 36.1

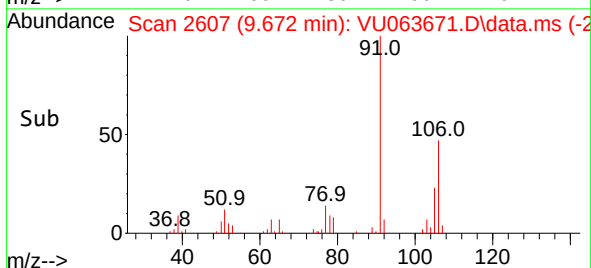
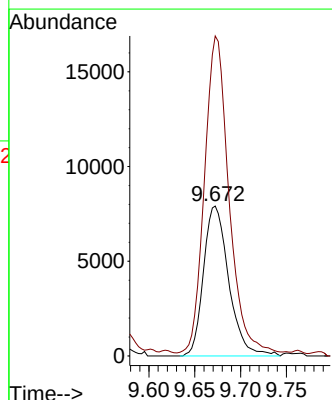
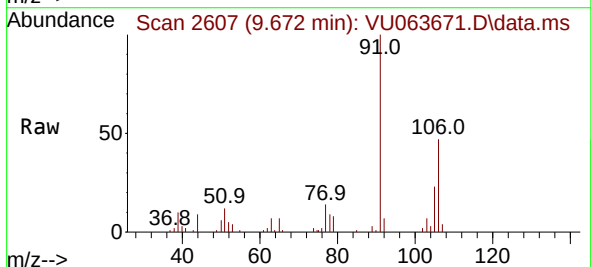
Manual Integrations
APPROVED

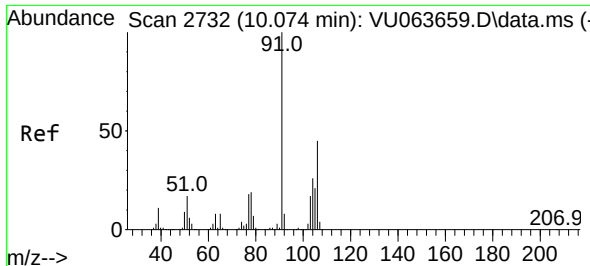
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#64
m/p-Xylenes
Concen: 0.418 ug/l
RT: 9.672 min Scan# 2607
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Tgt Ion:106 Resp: 15173
Ion Ratio Lower Upper
106 100
91 203.9 167.0 250.4





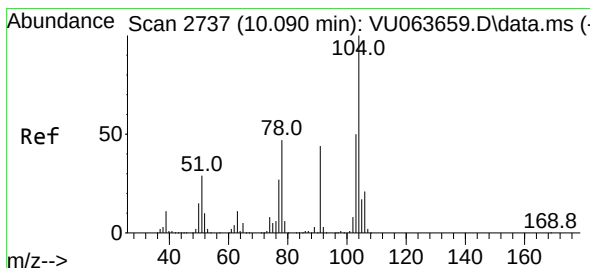
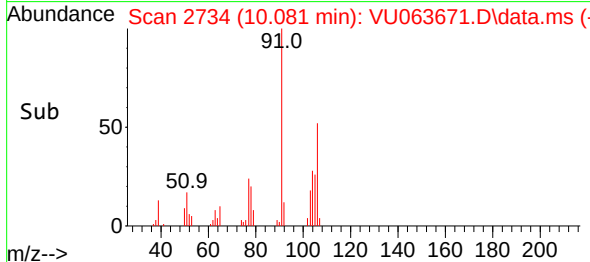
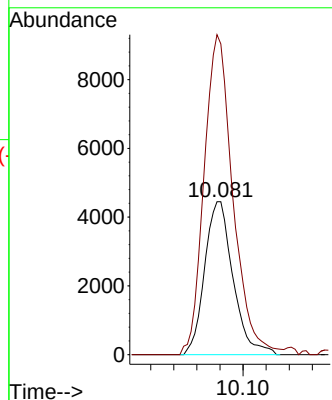
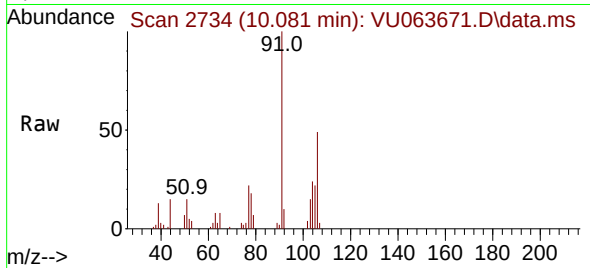
#65
o-Xylene
Concen: 0.213 ug/l
RT: 10.081 min Scan# 2733
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:106 Resp: 7590
Ion Ratio Lower Upper
106 100
91 212.6 109.3 327.9

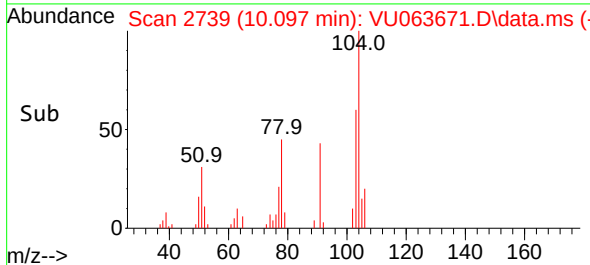
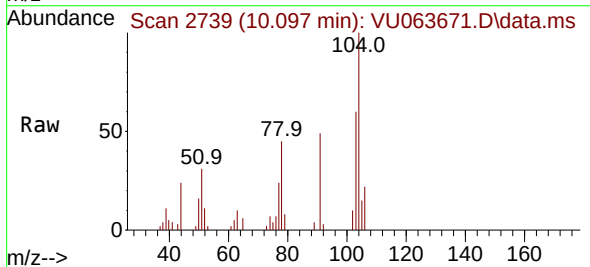
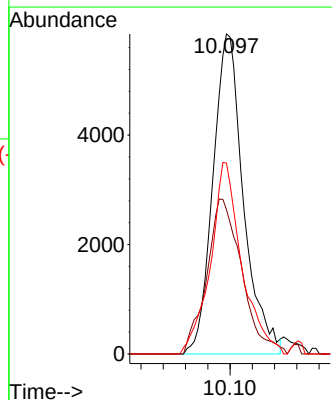
Manual Integrations
APPROVED

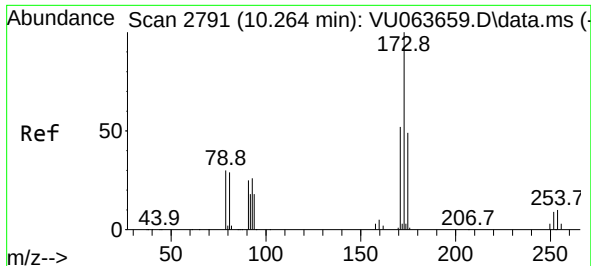
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#66
Styrene
Concen: 0.193 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

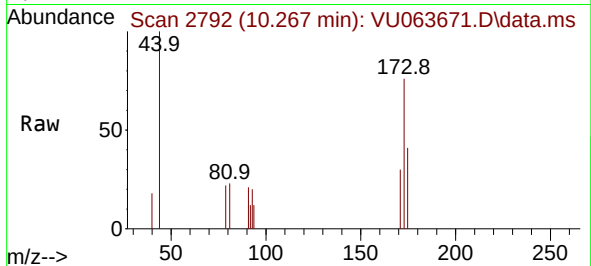
Tgt Ion:104 Resp: 11136
Ion Ratio Lower Upper
104 100
78 55.5 42.8 64.2
103 61.1 43.9 65.9





#67
Bromoform
Concen: 0.170 ug/l
RT: 10.267 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

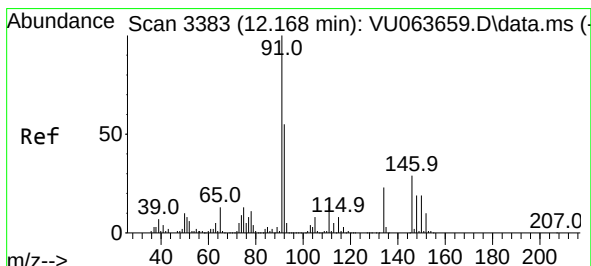
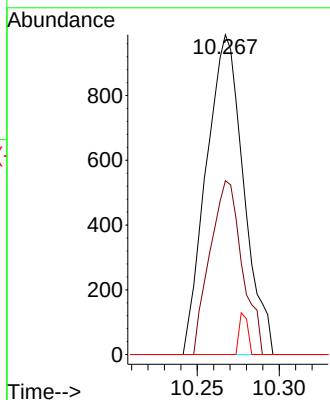
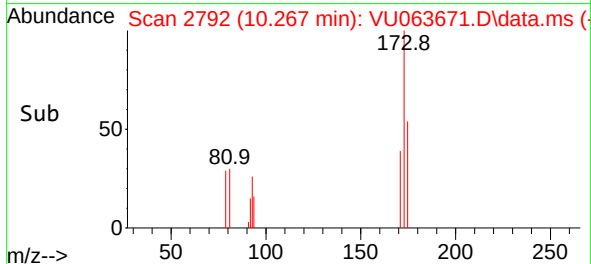
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



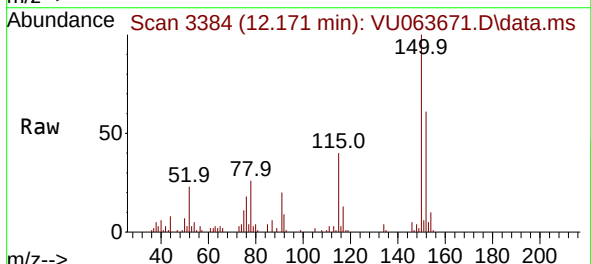
Tgt Ion:173 Resp: 1564
Ion Ratio Lower Upper
173 100
175 46.6 39.0 58.4
254 2.9 7.4 11.0

Manual Integrations
APPROVED

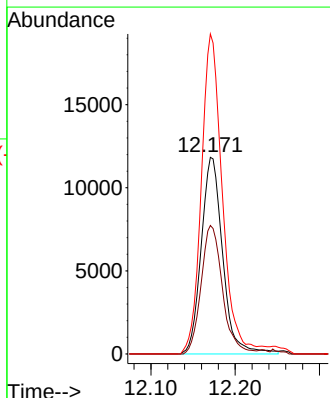
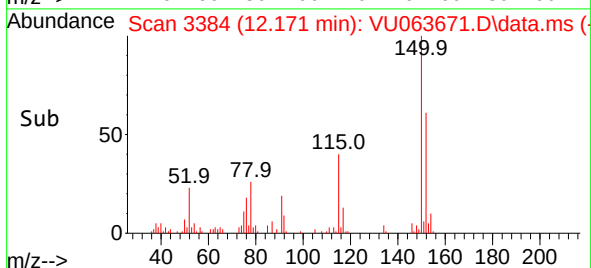
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

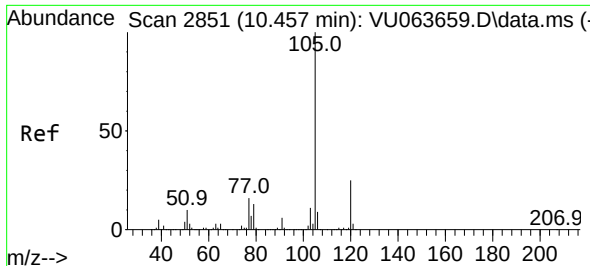


#68
1,2-Dichlorobenzene-d4
Concen: 0.888 ug/l
RT: 12.171 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27



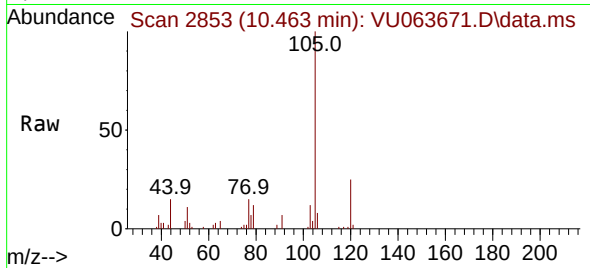
Tgt Ion:152 Resp: 21036
Ion Ratio Lower Upper
152 100
115 65.0 0.0 247.2
150 158.2 0.0 643.6





#69
Isopropylbenzene
Concen: 0.210 ug/l
RT: 10.463 min Scan# 2851
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

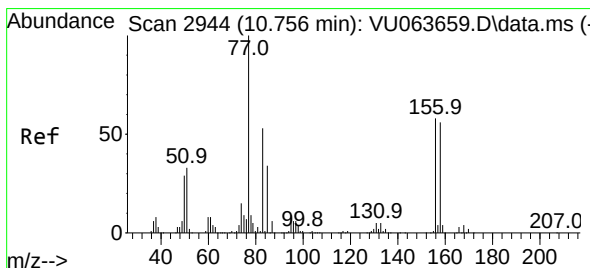
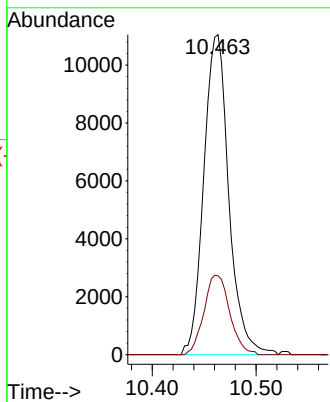
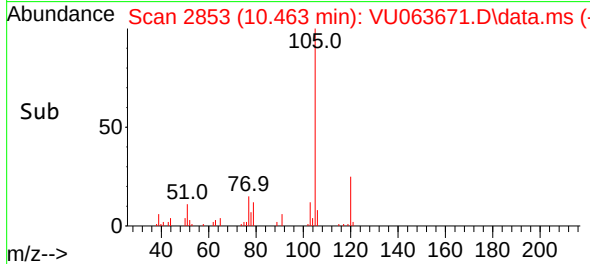
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:105 Resp: 1847
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

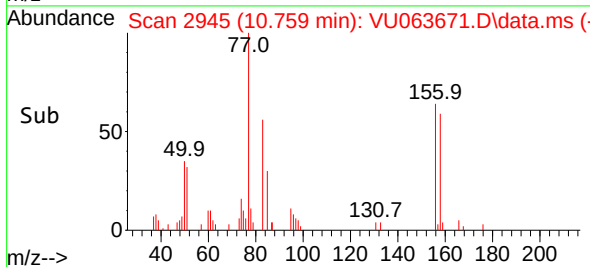
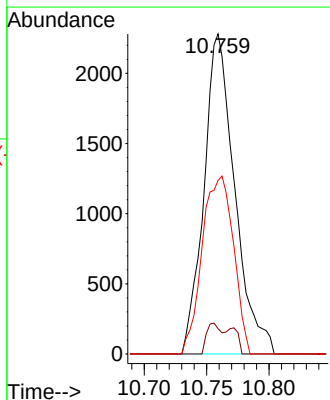
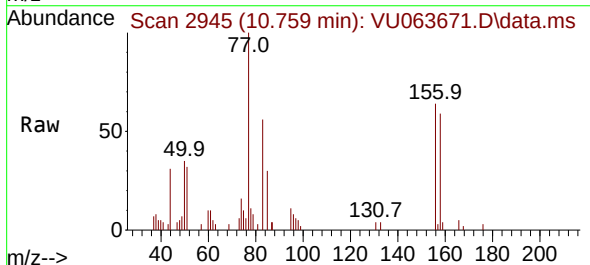
Manual Integrations
APPROVED

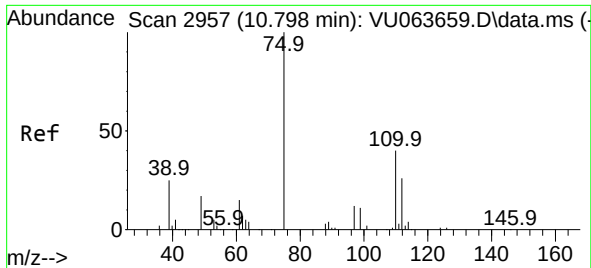
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 0.216 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

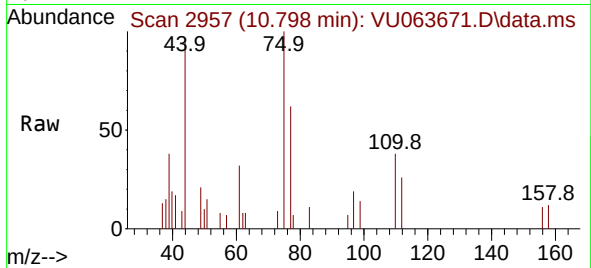
Tgt Ion: 83 Resp: 3919
Ion Ratio Lower Upper
83 100
131 4.5 8.1 12.1#
85 56.4 51.0 76.6





#71
1,2,3-Trichloropropane
Concen: 0.192 ug/l m
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

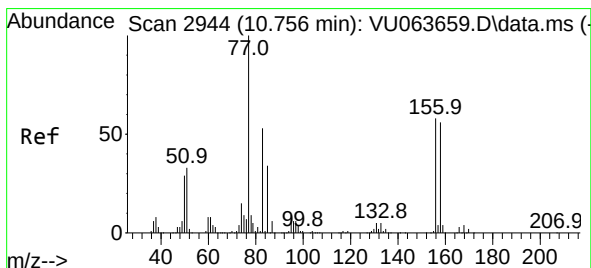
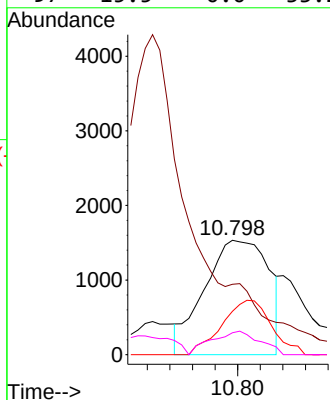
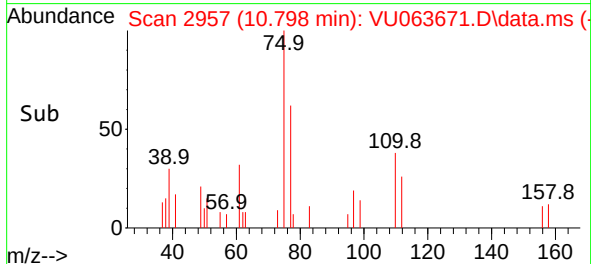
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 75 Resp: 303
Ion Ratio Lower Upper
75 100
77 30.0 0.0 0.0
110 36.5 0.0 66.4
97 15.5 0.0 33.2

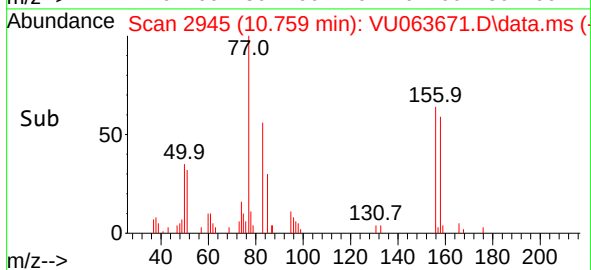
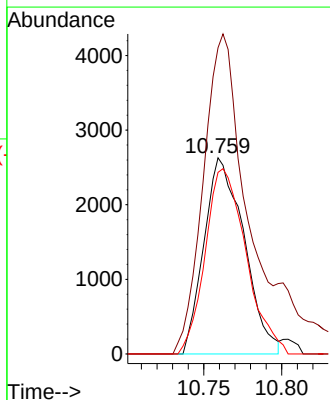
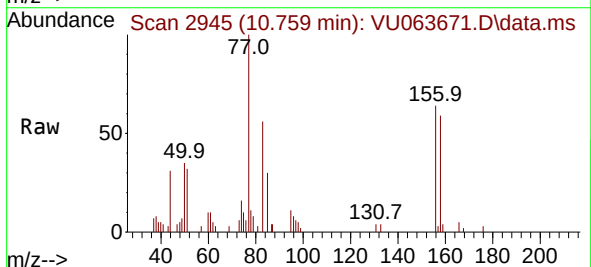
Manual Integrations
APPROVED

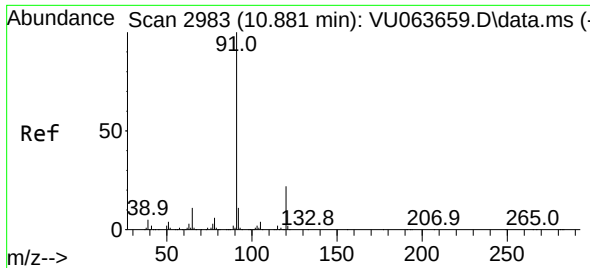
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#72
Bromobenzene
Concen: 0.221 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Tgt Ion:156 Resp: 4696
Ion Ratio Lower Upper
156 100
77 199.3 0.0 337.2
158 96.3 0.0 191.8





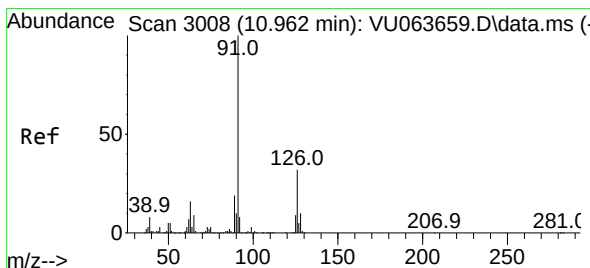
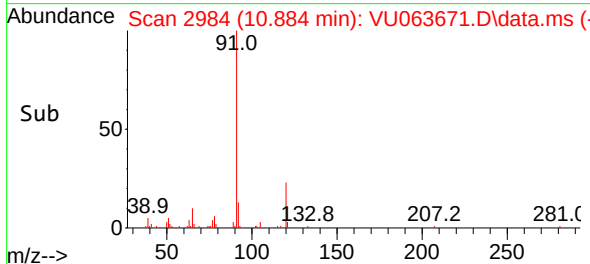
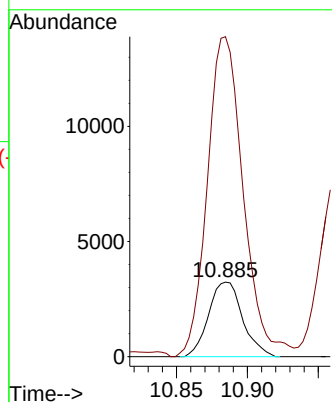
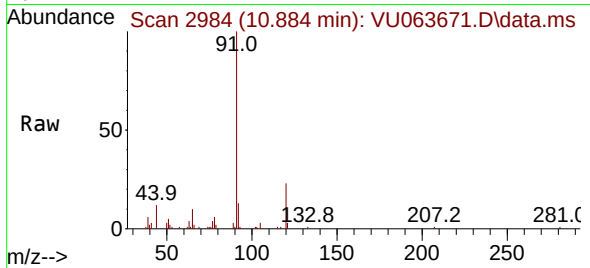
#73
n-propylbenzene
Concen: 0.216 ug/l
RT: 10.884 min Scan# 2983
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:120 Resp: 540
Ion Ratio Lower Upper
120 100
91 453.4 361.4 542.2

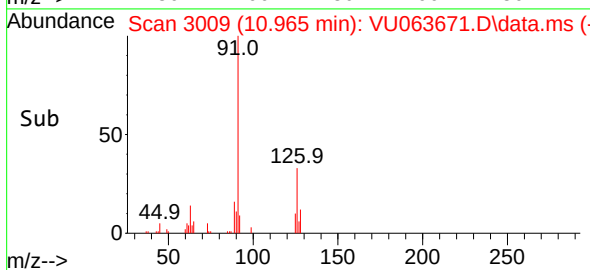
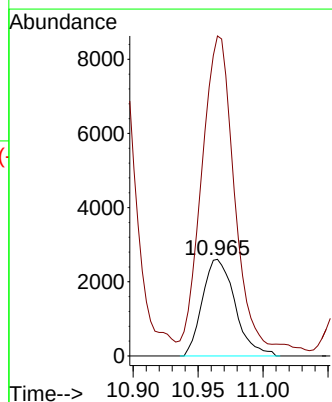
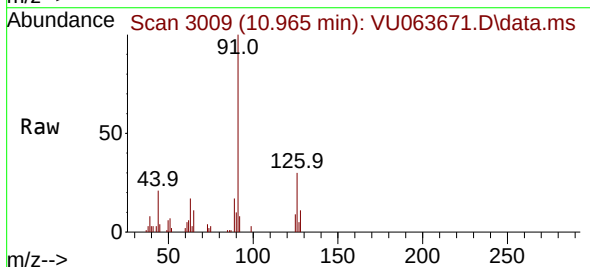
Manual Integrations
APPROVED

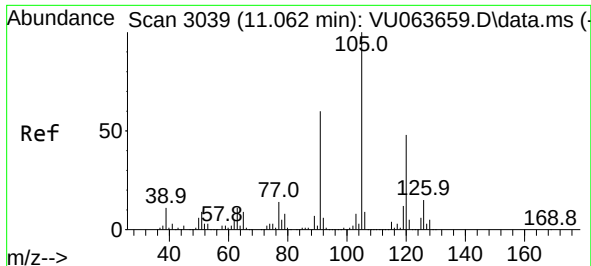
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#74
2-Chlorotoluene
Concen: 0.210 ug/l
RT: 10.965 min Scan# 3009
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

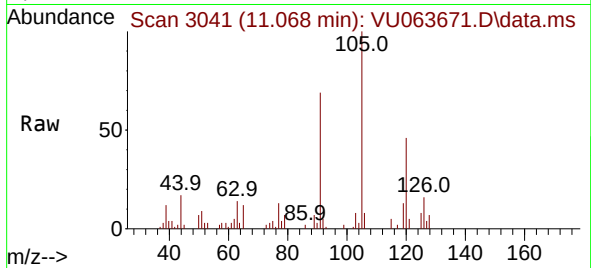
Tgt Ion:126 Resp: 4550
Ion Ratio Lower Upper
126 100
91 333.3 0.0 634.8





#75
1,3,5-Trimethylbenzene
Concen: 0.203 ug/l
RT: 11.068 min Scan# 3039
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

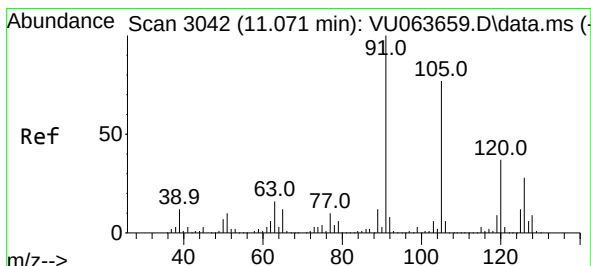
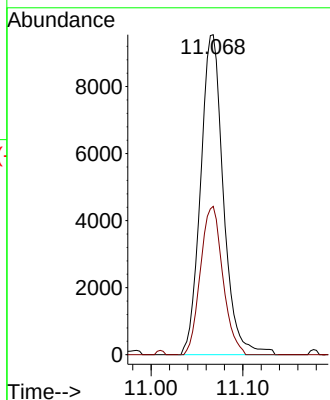
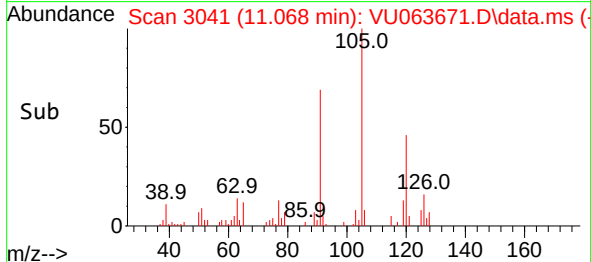
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



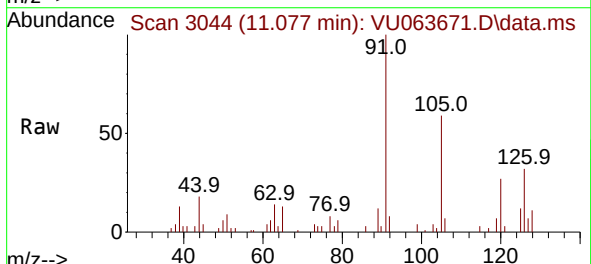
Tgt Ion:105 Resp: 16480
Ion Ratio Lower Upper
105 100
120 45.4 38.2 57.2

Manual Integrations
APPROVED

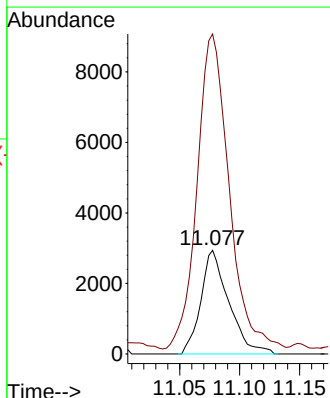
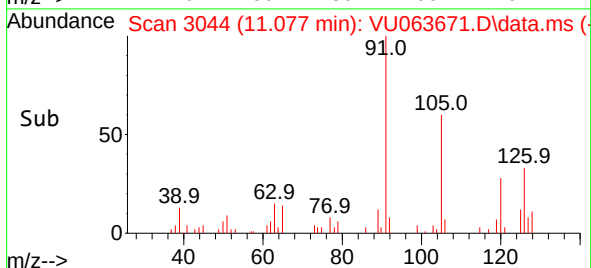
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

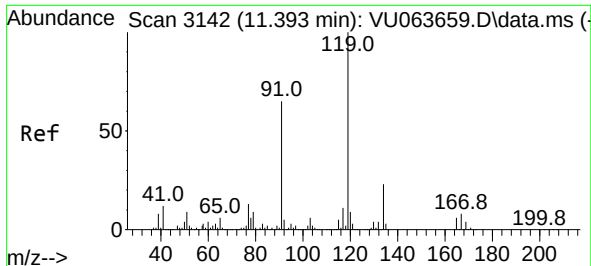


#76
4-Chlorotoluene
Concen: 0.219 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27



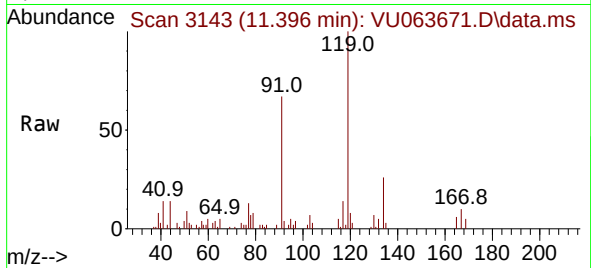
Tgt Ion:126 Resp: 4763
Ion Ratio Lower Upper
126 100
91 348.0 0.0 716.6





#77
tert-Butylbenzene
Concen: 0.204 ug/l
RT: 11.396 min Scan# 3142
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

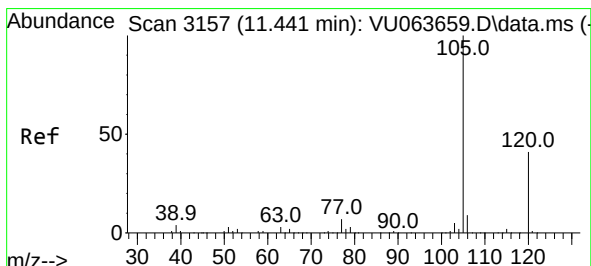
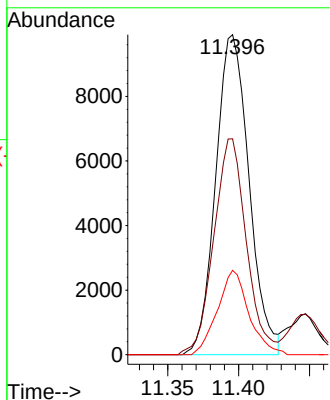
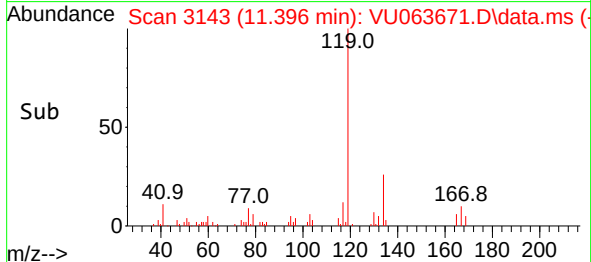
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



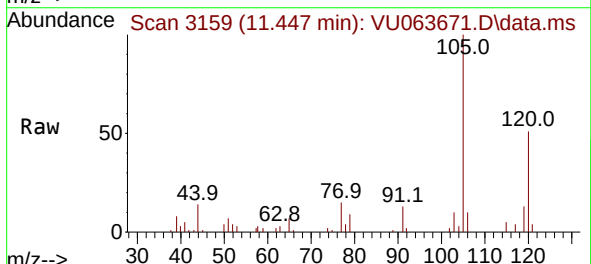
Tgt Ion:119 Resp: 1626
Ion Ratio Lower Upper
119 100
91 65.8 31.3 93.8
134 24.8 18.7 28.1

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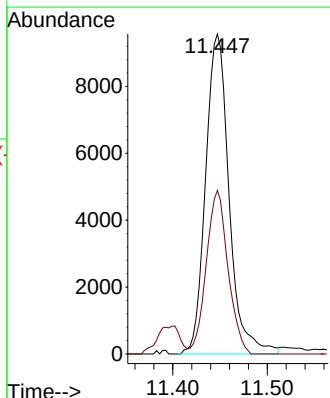
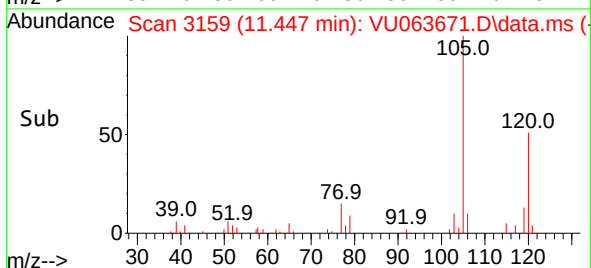
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

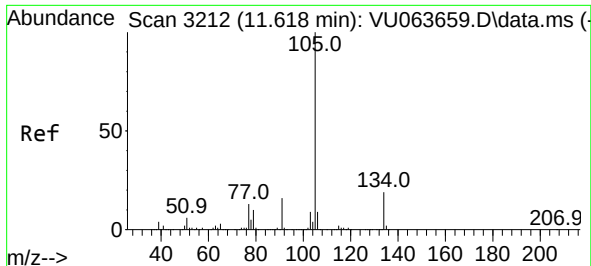


#78
1,2,4-Trimethylbenzene
Concen: 0.212 ug/l
RT: 11.447 min Scan# 3159
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27



Tgt Ion:105 Resp: 16525
Ion Ratio Lower Upper
105 100
120 47.3 22.4 67.0





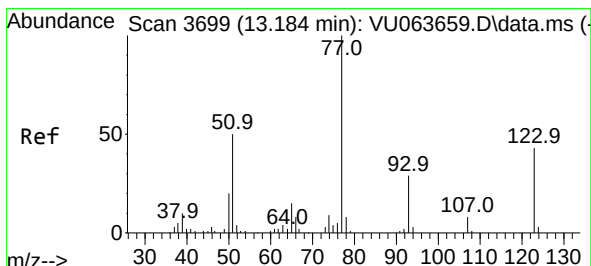
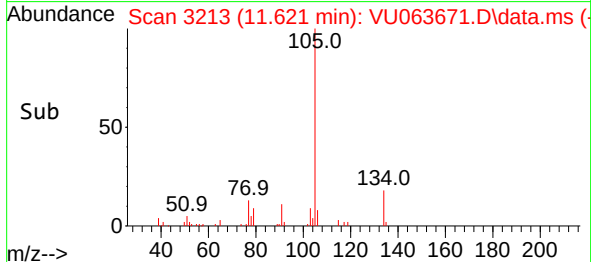
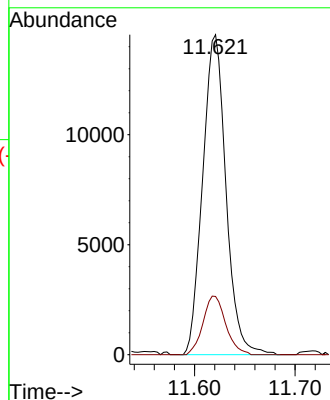
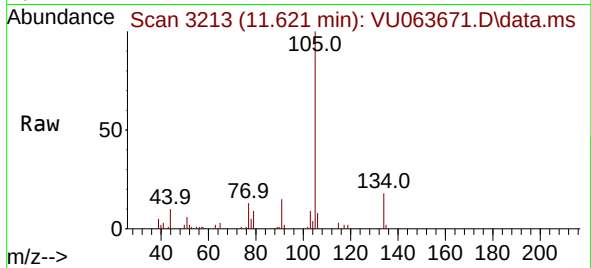
#79
 sec-Butylbenzene
 Concen: 0.224 ug/l
 RT: 11.621 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063671.D
 Acq: 05 Nov 2025 14:27

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Tgt Ion:105 Resp: 23440
 Ion Ratio Lower Upper
 105 100
 134 17.8 15.7 23.5

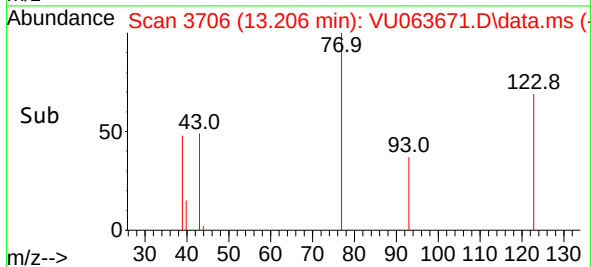
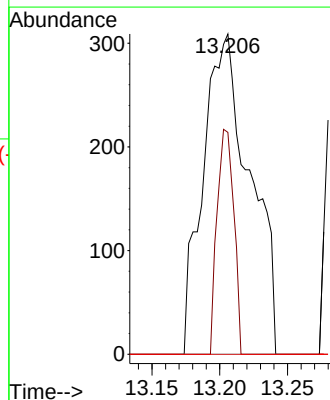
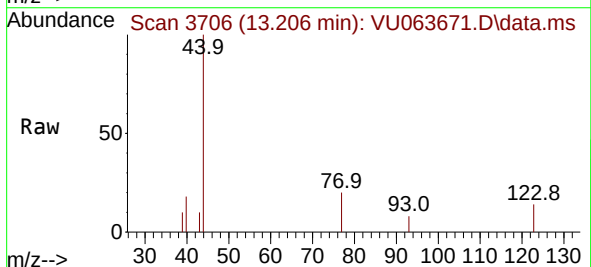
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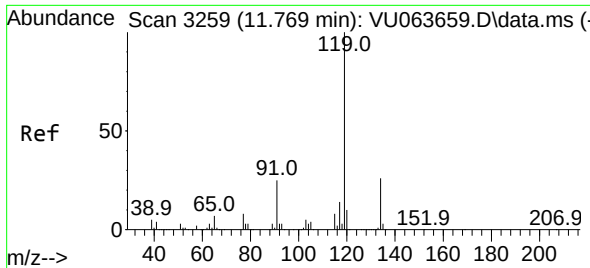
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#80
 Nitrobenzene
 Concen: 1.165 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. 0.022 min
 Lab File: VU063671.D
 Acq: 05 Nov 2025 14:27

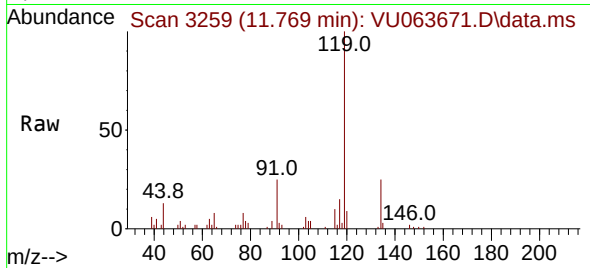
Tgt Ion: 77 Resp: 744
 Ion Ratio Lower Upper
 77 100
 123 25.0 18.2 64.4
 65 0.0 13.6 17.2#





#81
p-Isopropyltoluene
Concen: 0.220 ug/l
RT: 11.769 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

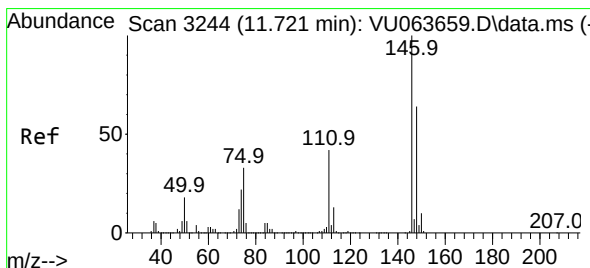
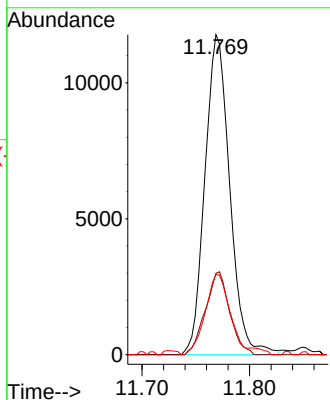
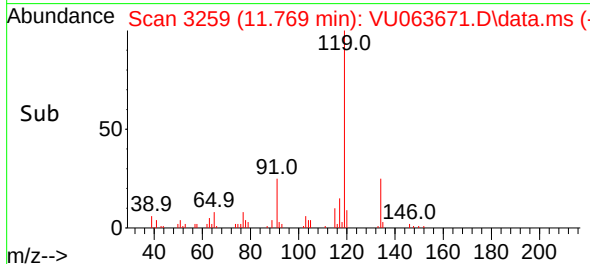
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



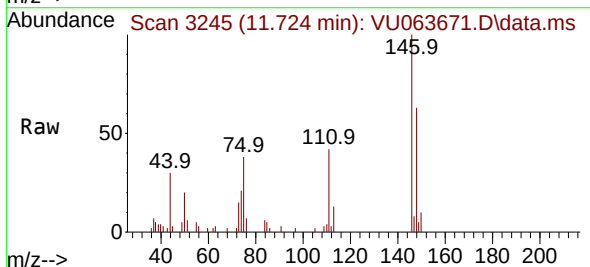
Tgt Ion:119 Resp: 18890
Ion Ratio Lower Upper
119 100
134 25.2 20.3 30.5
91 26.0 20.1 30.1

Manual Integrations
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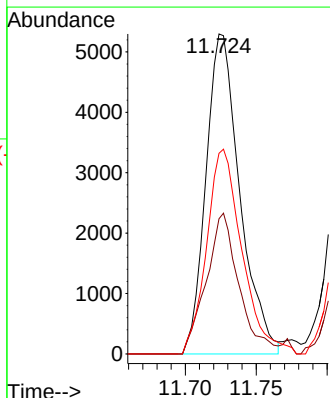
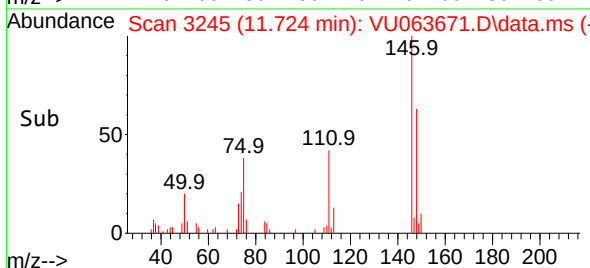
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

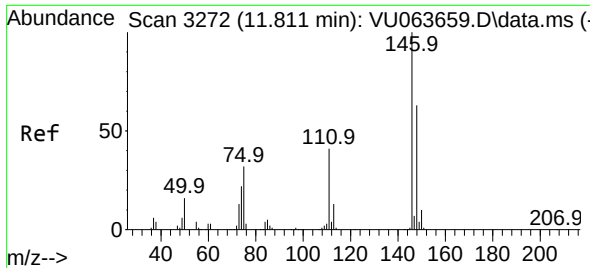


#82
1,3-Dichlorobenzene
Concen: 0.214 ug/l
RT: 11.724 min Scan# 3245
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27



Tgt Ion:146 Resp: 8818
Ion Ratio Lower Upper
146 100
111 42.5 33.8 50.8
148 66.7 50.8 76.2





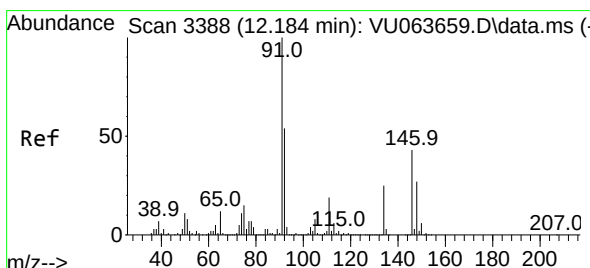
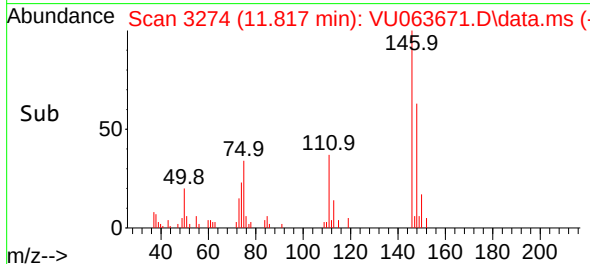
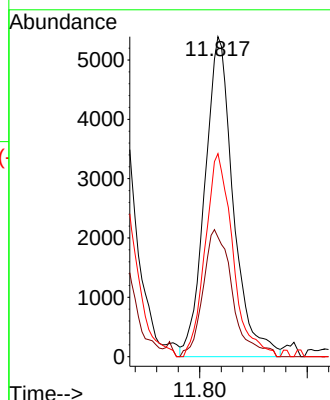
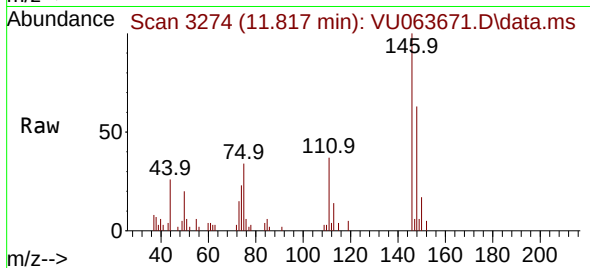
#83
1,4-Dichlorobenzene
Concen: 0.242 ug/l
RT: 11.817 min Scan# 3272
Delta R.T. 0.006 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion:146 Resp: 9898
Ion Ratio Lower Upper
146 100
111 40.9 33.0 49.4
148 61.7 50.6 76.0

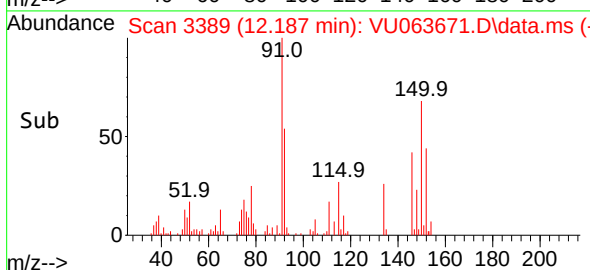
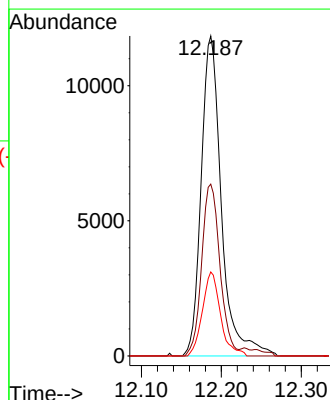
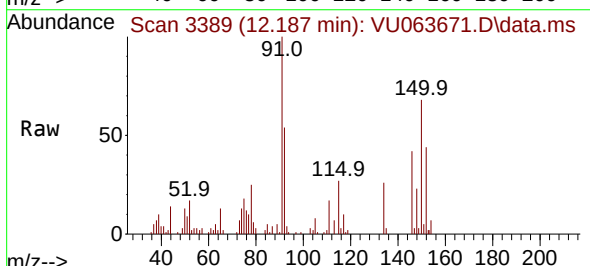
Manual Integrations
APPROVED

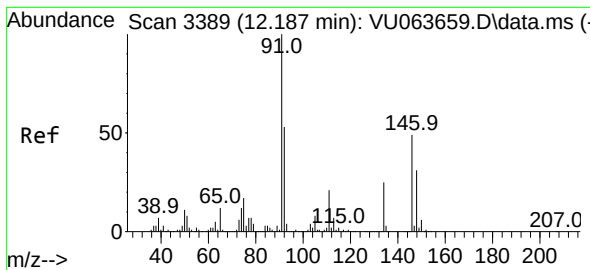
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#84
n-Butylbenzene
Concen: 0.272 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Tgt Ion: 91 Resp: 20890
Ion Ratio Lower Upper
91 100
92 48.7 43.1 64.7
134 23.4 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 0.239 ug/l

RT: 12.190 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063671.D

Acq: 05 Nov 2025 14:27

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

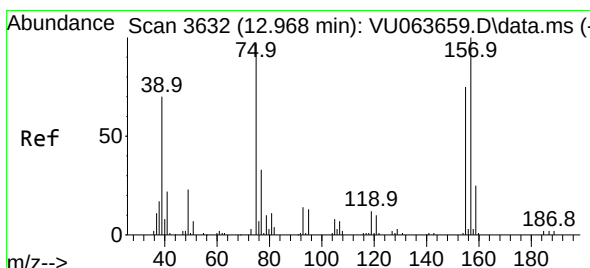
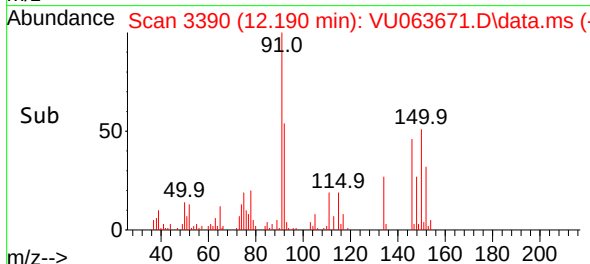
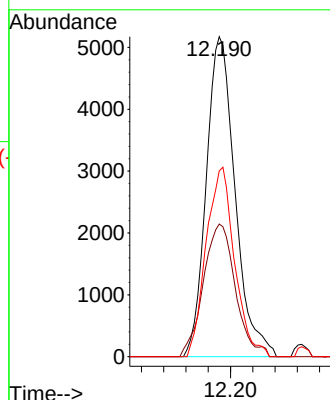
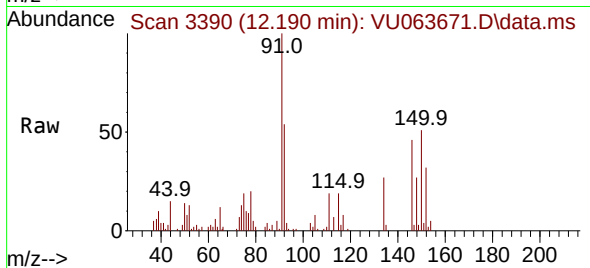
Tgt Ion:	146	Resp:	9290
Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.2	66.6
148	58.4	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.134 ug/l m

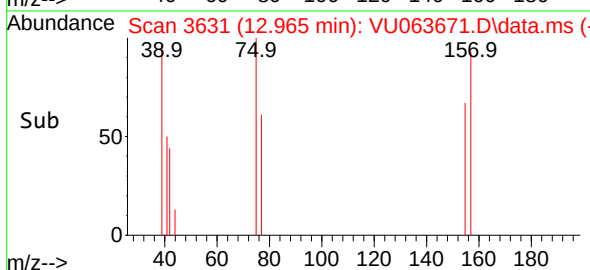
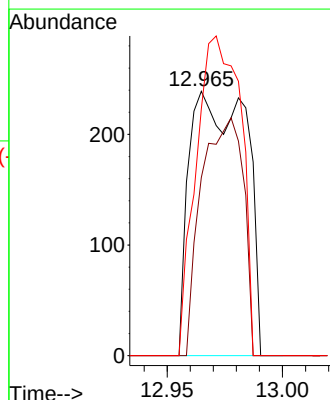
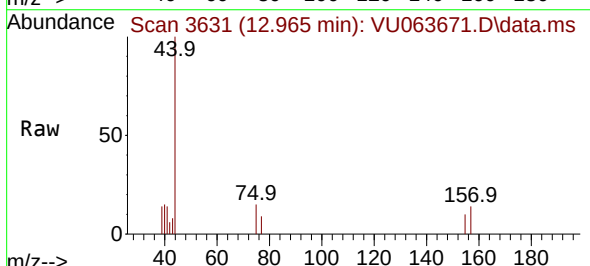
RT: 12.965 min Scan# 3631

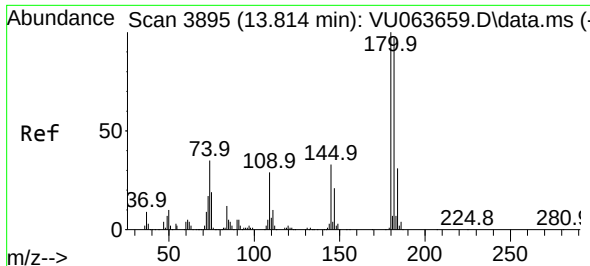
Delta R.T. -0.003 min

Lab File: VU063671.D

Acq: 05 Nov 2025 14:27

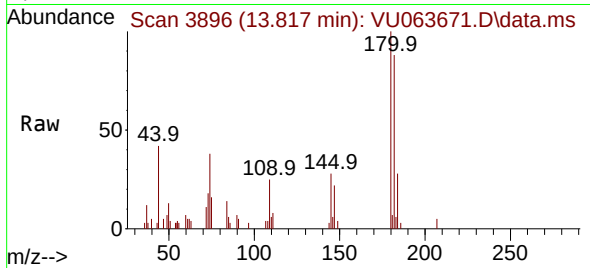
Tgt Ion:	75	Resp:	404
Ion	Ratio	Lower	Upper
75	100		
155	67.1	62.2	93.4
157	95.5	81.3	121.9





#87
1,2,4-Trichlorobenzene
Concen: 0.301 ug/l
RT: 13.817 min Scan# 3896
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

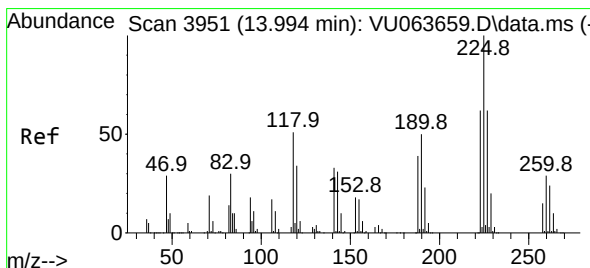
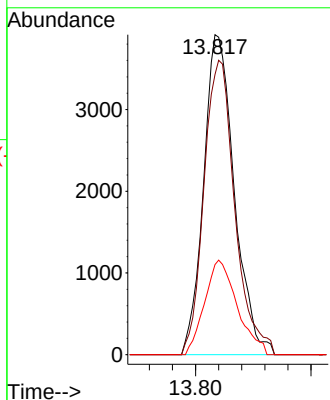
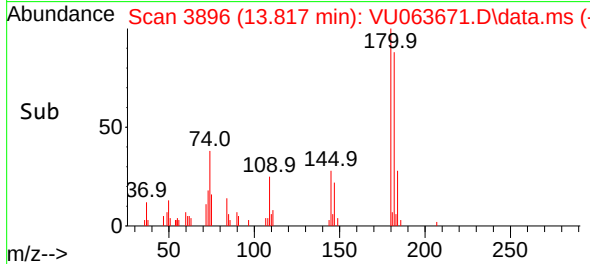
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



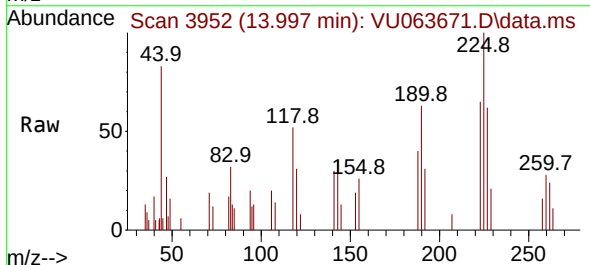
Tgt Ion:180 Resp: 723
Ion Ratio Lower Upper
180 100
182 92.5 76.4 114.6
145 31.4 26.2 39.2

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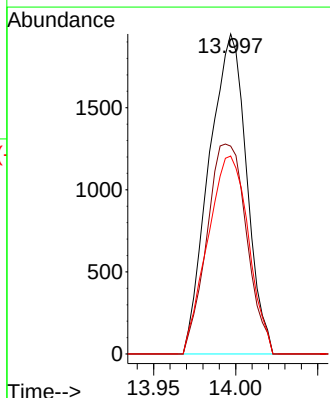
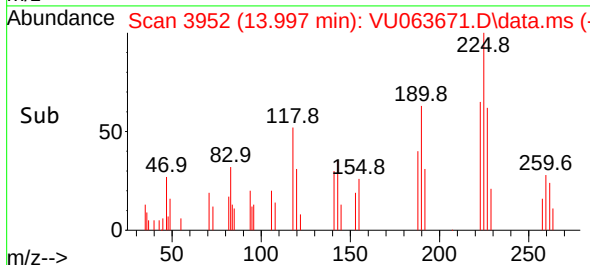
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

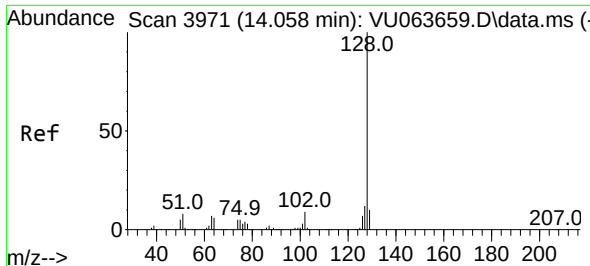


#88
Hexachlorobutadiene
Concen: 0.217 ug/l
RT: 13.997 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27



Tgt Ion:225 Resp: 3103
Ion Ratio Lower Upper
225 100
223 69.4 50.2 75.4
227 67.1 50.0 75.0





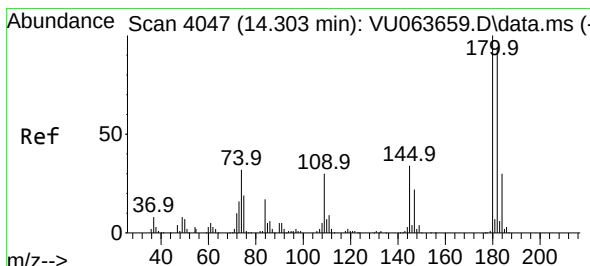
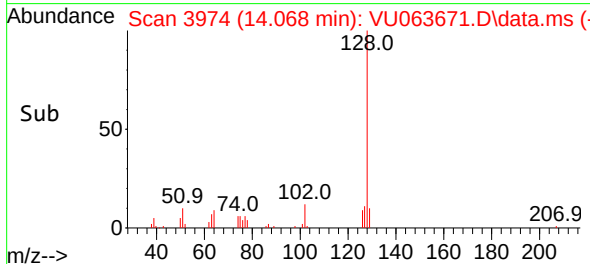
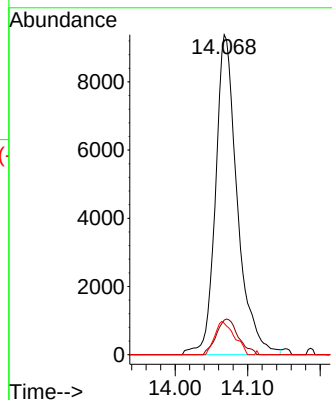
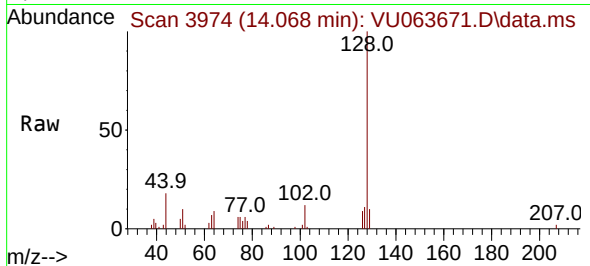
#89
Naphthalene
Concen: 0.424 ug/l
RT: 14.068 min Scan# 3971
Delta R.T. 0.009 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:128 Resp: 19584
Ion Ratio Lower Upper
128 100
127 11.2 10.2 15.2
129 9.3 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#90
1,2,3-Trichlorobenzene
Concen: 0.324 ug/l
RT: 14.306 min Scan# 4048
Delta R.T. 0.003 min
Lab File: VU063671.D
Acq: 05 Nov 2025 14:27

Tgt Ion:180 Resp: 7109
Ion Ratio Lower Upper
180 100
182 97.5 75.4 113.0
145 30.8 27.4 41.2

