

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063255.D
 Acq On : 12 Feb 2025 15:30
 Operator : MD/SY
 Sample : Q1168-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Quant Time: Feb 13 03:48:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Feb 13 03:48:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

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

Internal Standards						
1) Fluorobenzene	6.106	96	47279	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13480	0.864	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13828	0.853	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	4370	0.284	ug/l	96
3) Chloromethane	1.518	50	5495	0.311	ug/l	98
4) Vinyl Chloride	1.599	62	4838	0.276	ug/l	99
5) Bromomethane	1.846	94	3005	0.351	ug/l	90
6) Chloroethane	1.923	64	3128	0.284	ug/l	93
7) Trichlorofluoromethane	2.129	101	6015	0.290	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	3563	0.303	ug/l	95
9) 1,1-Dichloroethene	2.570	96	3396	0.283	ug/l	91
10) Iodomethane	2.714	142	5122	0.272	ug/l	96
11) Allyl Chloride	2.914	41	4514	0.262	ug/l	94
12) Acrylonitrile	3.328	53	1103m	0.399	ug/l	
13) Acetone	2.621	43	3443	1.618	ug/l	96
14) Carbon Disulfide	2.785	76	12818	0.306	ug/l	96
15) Methylene Chloride	3.033	84	4617	0.312	ug/l	97
16) trans-1,2-Dichloroethene	3.351	96	3788	0.277	ug/l	90
17) 1,1-Dichloroethane	3.859	63	7202	0.279	ug/l #	94
18) 2-Butanone	4.740	43	4205m	1.242	ug/l	
19) Cyclohexane	5.377	56	5509m	0.266	ug/l	
20) Methylcyclohexane	6.750	83	5309	0.258	ug/l	97
21) 2,2-Dichloropropane	4.653	77	5664	0.281	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	3887	0.263	ug/l	91
23) Diethyl Ether	2.370	59	2766	0.269	ug/l	95
24) tert-Butyl Alcohol	3.174	59	7161	5.720	ug/l #	77
25) Methyl tert-Butyl Ether	3.348	73	7435	0.248	ug/l	99
26) Bromochloromethane	4.968	128	1821	0.282	ug/l	87
27) Chloroform	5.078	83	7515	0.289	ug/l	98
28) 1,1,1-Trichloroethane	5.303	97	5441	0.258	ug/l	93
29) 1,1-Dichloropropene	5.521	75	4932	0.261	ug/l	95
30) Carbon Tetrachloride	5.515	117	5131	0.284	ug/l	96
31) Isopropyl Ether	3.978	45	9467	0.257	ug/l	91
32) Ethyl-t-butyl ether	4.489	59	8615	0.257	ug/l	87
33) Tert-Amyl methyl ether	5.926	73	7652	0.261	ug/l #	91
34) Propionitrile	4.820	54	764m	0.748	ug/l	
35) Benzene	5.769	78	15040	0.259	ug/l	100
36) 1,2-Dichloroethane	5.788	62	4289	0.256	ug/l	99
37) Trichloroethene	6.537	130	3998	0.289	ug/l	84
38) 1,2-Dichloropropane	6.785	63	3897	0.256	ug/l	93
39) Methacrylonitrile	5.000	41	864m	0.227	ug/l	
40) Methyl acrylate	4.920	55	1495m	0.213	ug/l	
41) Tetrahydrofuran	5.065	42	1104	0.499	ug/l #	56
42) 1-Chlorobutane	5.451	56	6330	0.245	ug/l	93
43) Dibromomethane	6.913	93	2115	0.275	ug/l	98
44) Bromodichloromethane	7.100	83	5138	0.287	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	9523m	1.180	ug/l	
46) t-1,4-Dichloro-2-butene	10.830	75	1925m	0.507	ug/l	
47) Methyl methacrylate	6.968	69	2540m	0.392	ug/l	
48) Ethyl methacrylate	8.338	69	2463m	0.202	ug/l	
49) Toluene	7.965	92	7600	0.227	ug/l	97
50) t-1,3-Dichloropropene	8.212	75	3870	0.236	ug/l	89
51) cis-1,3-Dichloropropene	7.602	75	5236	0.258	ug/l	94
52) 1,1,2-Trichloroethane	8.393	97	2639	0.254	ug/l	95
53) 1,3-Dichloropropane	8.566	76	4707	0.255	ug/l	99
54) 2-Hexanone	8.692	43	5720m	1.038	ug/l	
55) Dibromochloromethane	8.804	129	3146	0.263	ug/l	96
56) 1,2-Dibromoethane	8.920	107	2616	0.269	ug/l	92
58) Tetrachloroethene	8.550	164	3324	0.292	ug/l	96
59) Chlorobenzene	9.447	112	9470	0.269	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	3380	0.267	ug/l	98
61) Pentachloroethane	11.418	117	3150	0.278	ug/l	83
62) Hexachloroethane	12.466	117	2679	0.268	ug/l	93
63) Ethyl Benzene	9.566	91	13941	0.229	ug/l	92
64) m/p-Xylenes	9.692	106	9050	0.398	ug/l	94
65) o-Xylene	10.093	106	4509	0.203	ug/l	98
67) Bromoform	10.283	173	1739	0.257	ug/l #	93
69) Isopropylbenzene	10.476	105	11175	0.214	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	3362	0.240	ug/l	96
71) 1,2,3-Trichloropropane	10.817	75	3094m	0.294	ug/l	
72) Bromobenzene	10.781	156	3732	0.265	ug/l	90
73) n-propylbenzene	10.900	120	4061	0.271	ug/l	93
74) 2-Chlorotoluene	10.981	126	2820	0.204	ug/l	81
76) 4-Chlorotoluene	11.097	126	2918	0.206	ug/l	97
77) tert-Butylbenzene	11.412	119	10415	0.213	ug/l	96
79) sec-Butylbenzene	11.637	105	12634	0.203	ug/l	100
82) 1,3-Dichlorobenzene	11.743	146	6555	0.240	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	6258	0.234	ug/l	96
85) 1,2-Dichlorobenzene	12.206	146	6226	0.237	ug/l	97
88) Hexachlorobutadiene	14.013	225	2333	0.255	ug/l	91

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

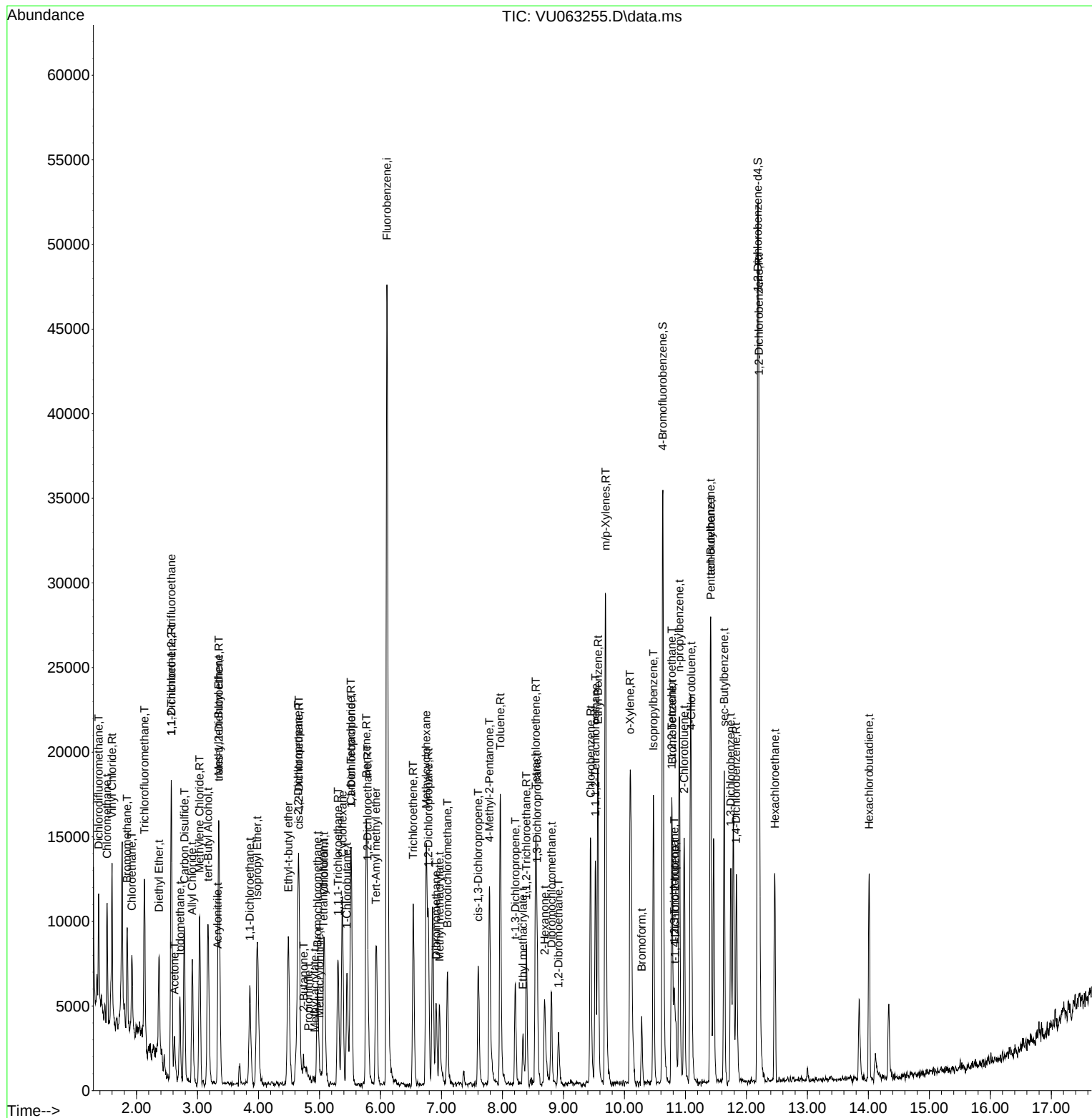
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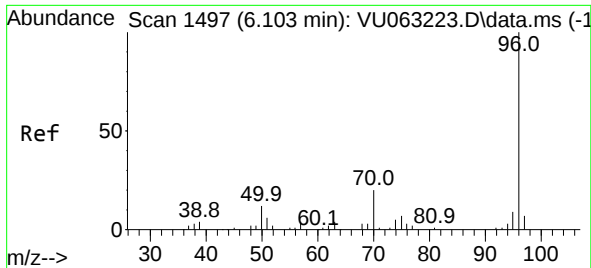
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MSVOA_U
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MDL-WATER-03-QT1-2025

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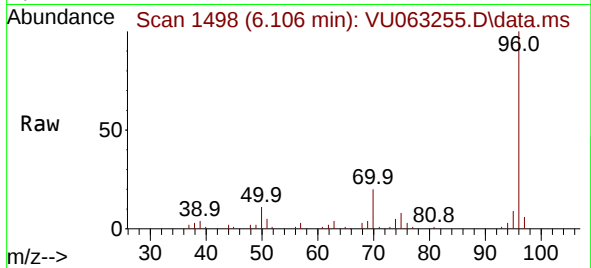
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.106 min Scan# 1497
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

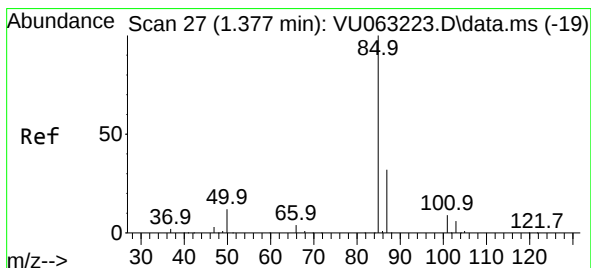
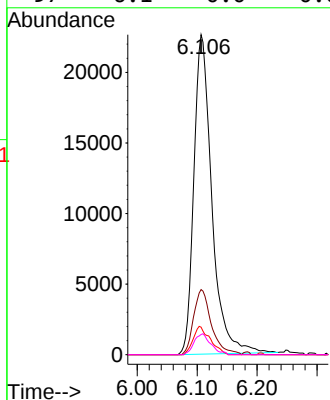
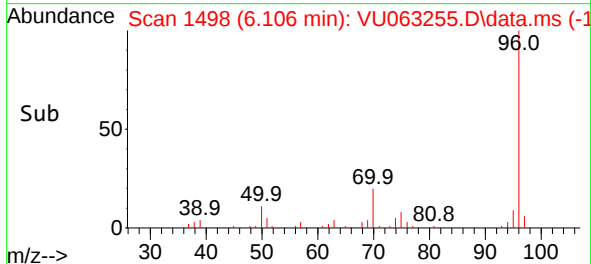
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 96 Resp: 47279
Ion Ratio Lower Upper
96 100
70 20.1 15.6 23.4
95 8.4 7.3 10.9
97 6.1 0.0 0.0#

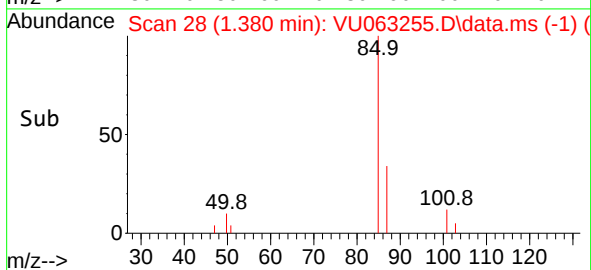
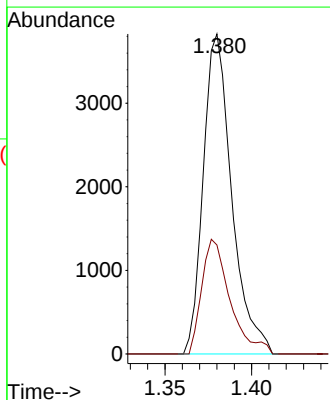
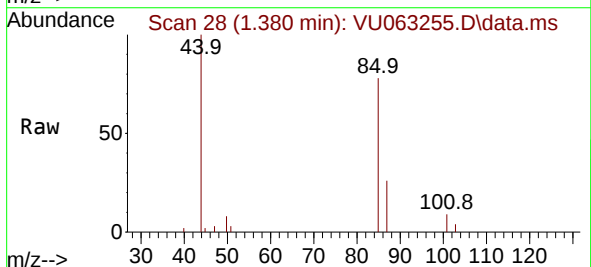
Manual Integrations
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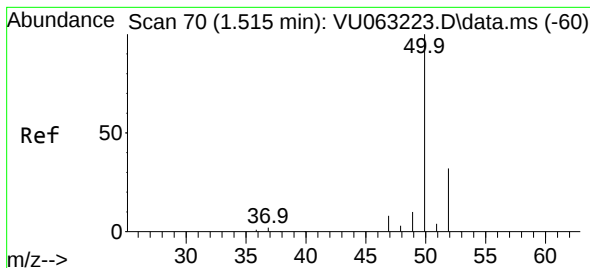
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#2
Dichlorodifluoromethane
Concen: 0.284 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion: 85 Resp: 4370
Ion Ratio Lower Upper
85 100
87 34.1 16.0 48.0





#3

Chloromethane

Concen: 0.311 ug/l

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

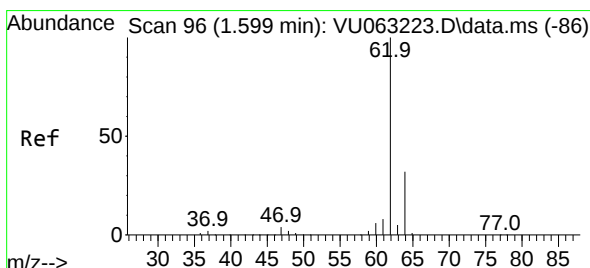
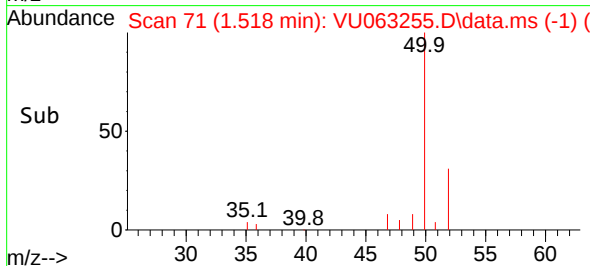
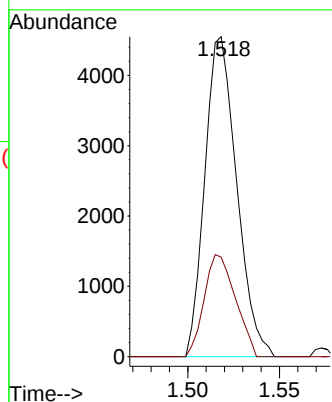
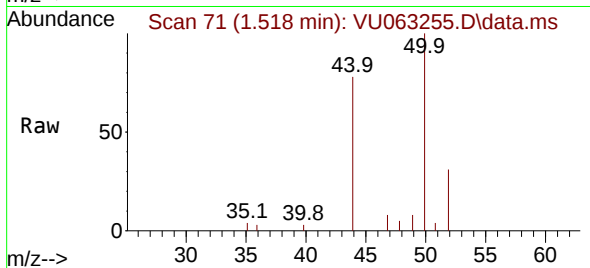
MDL-WATER-03-QT1-2025

Tgt Ion: 50 Resp: 549
 Ion Ratio Lower Upper
 50 100
 52 31.1 25.8 38.8

Manual Integrations

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 Supervised By :Mahesh Dadoda 02/17/2025



#4

Vinyl Chloride

Concen: 0.276 ug/l

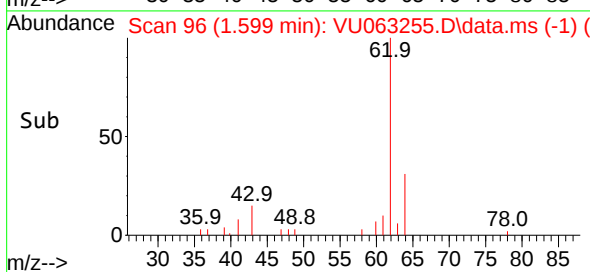
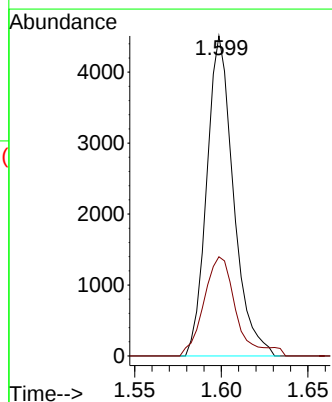
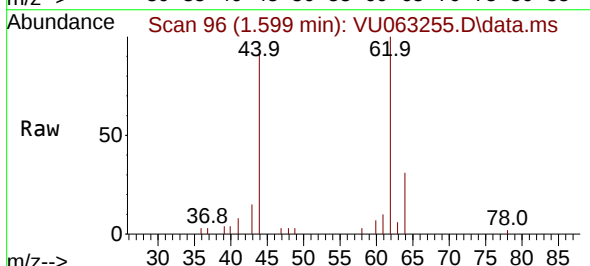
RT: 1.599 min Scan# 96

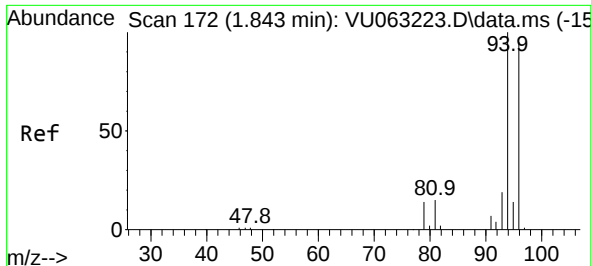
Delta R.T. -0.000 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

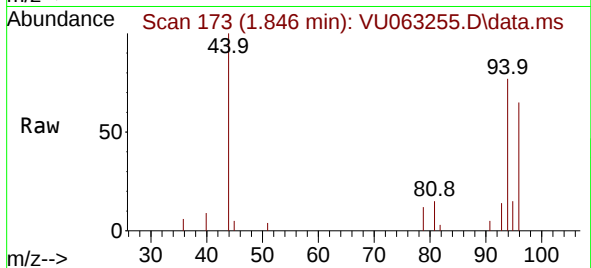
Tgt Ion: 62 Resp: 4838
 Ion Ratio Lower Upper
 62 100
 64 31.0 25.4 38.0





#5
Bromomethane
Concen: 0.351 ug/l
RT: 1.846 min Scan# 172
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

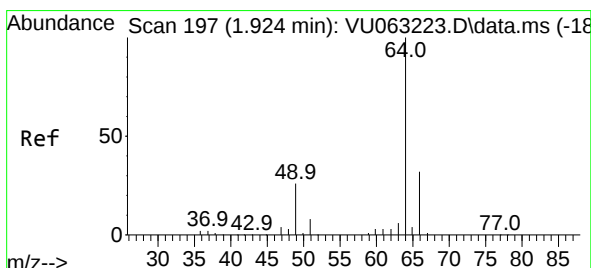
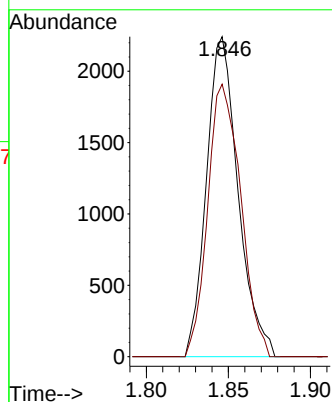
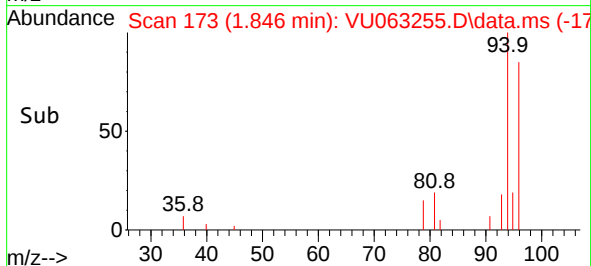
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 94 Resp: 300
Ion Ratio Lower Upper
94 100
96 85.1 75.7 113.5

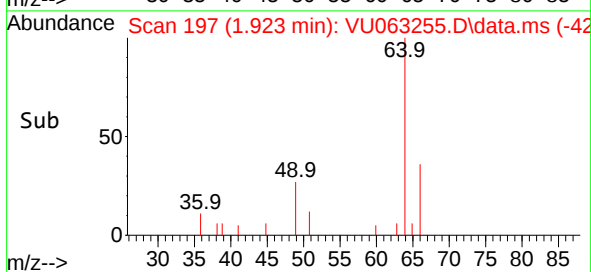
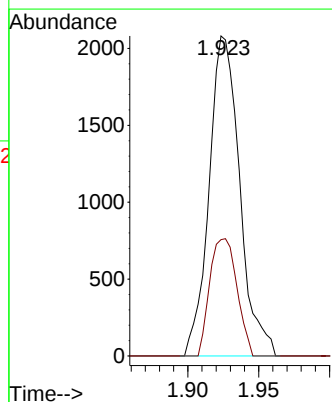
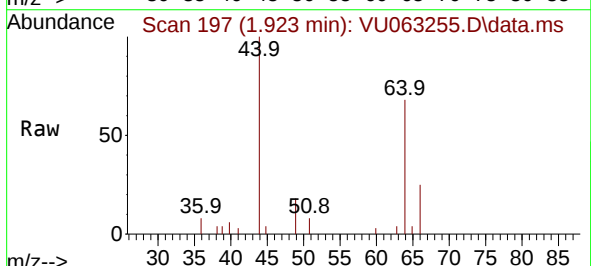
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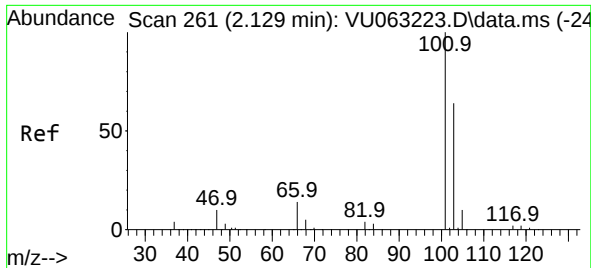
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#6
Chloroethane
Concen: 0.284 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

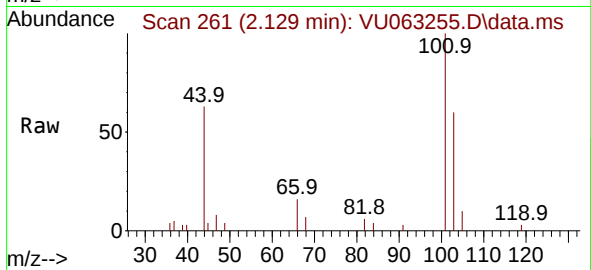
Tgt Ion: 64 Resp: 3128
Ion Ratio Lower Upper
64 100
66 36.4 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 0.290 ug/l
 RT: 2.129 min Scan# 261
 Delta R.T. -0.000 min
 Lab File: VU063255.D
 Acq: 12 Feb 2025 15:30

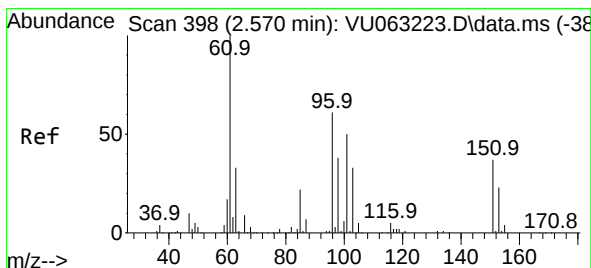
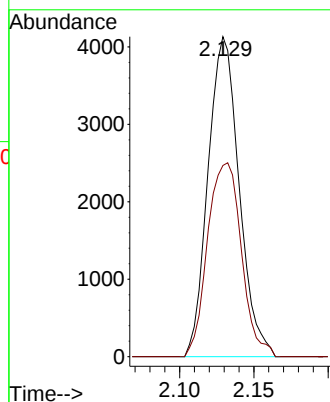
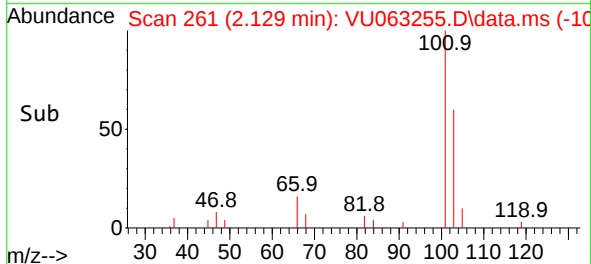
Instrument : MSVOA_U
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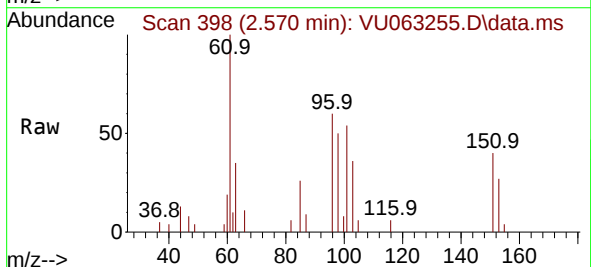
Tgt Ion:101 Resp: 601
 Ion Ratio Lower Upper
 101 100
 103 59.7 51.4 77.2

Manual Integrations
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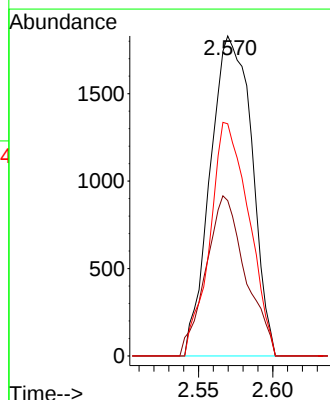
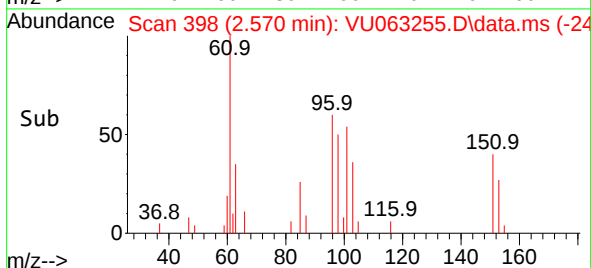
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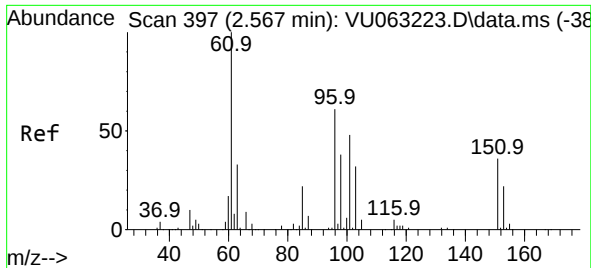


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.303 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063255.D
 Acq: 12 Feb 2025 15:30



Tgt Ion:101 Resp: 3563
 Ion Ratio Lower Upper
 101 100
 85 47.5 35.4 53.0
 151 68.3 58.5 87.7





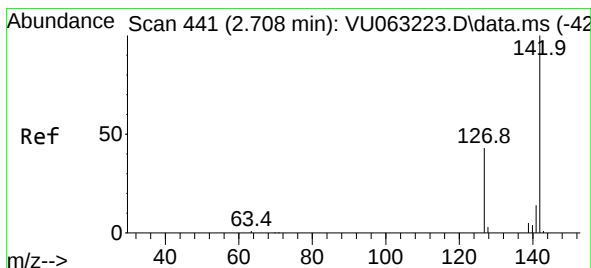
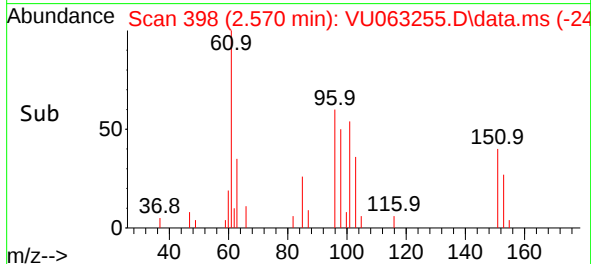
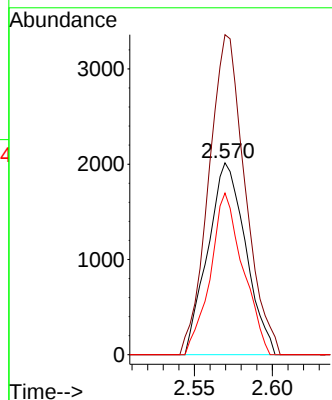
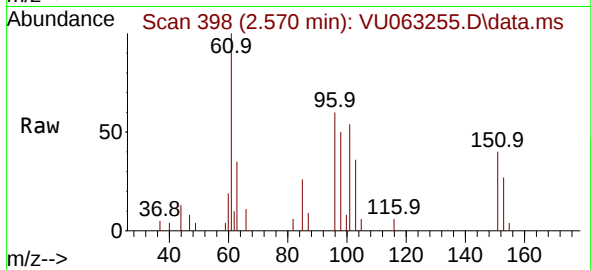
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1,1-Dichloroethene
Concen: 0.283 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 96 Resp: 3390
Ion Ratio Lower Upper
96 100
61 166.7 0.0 492.9
98 84.2 0.0 124.0

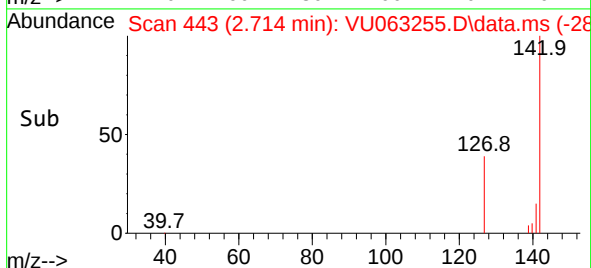
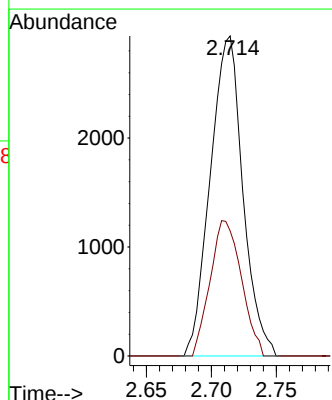
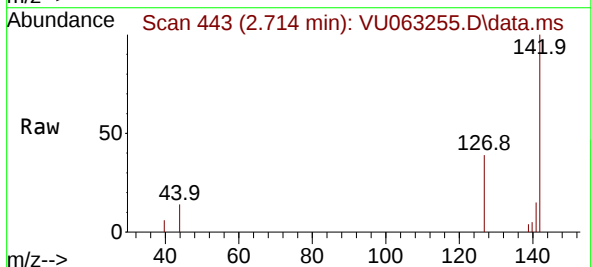
Manual Integrations
APPROVED

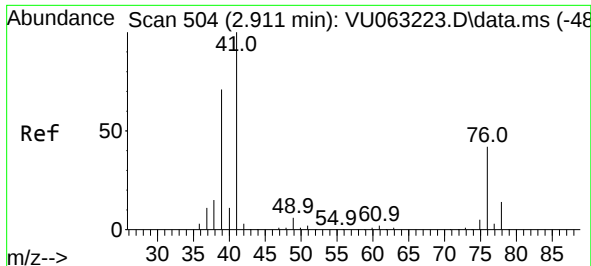
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#10
Iodomethane
Concen: 0.272 ug/l
RT: 2.714 min Scan# 443
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

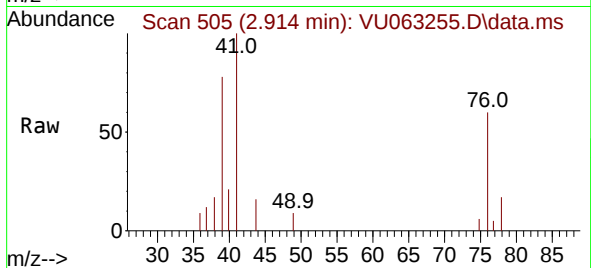
Tgt Ion:142 Resp: 5122
Ion Ratio Lower Upper
142 100
127 40.6 34.5 51.7





#11
 Allyl Chloride
 Concen: 0.262 ug/l
 RT: 2.914 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063255.D
 Acq: 12 Feb 2025 15:30

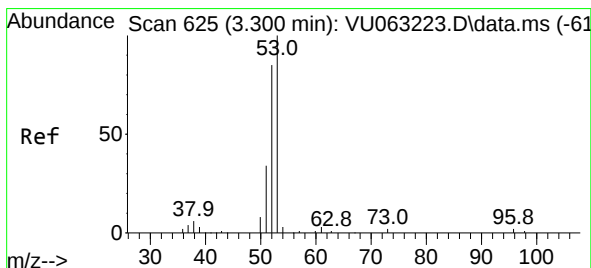
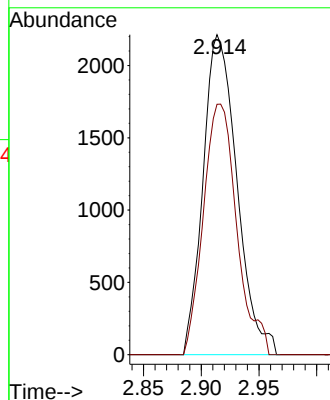
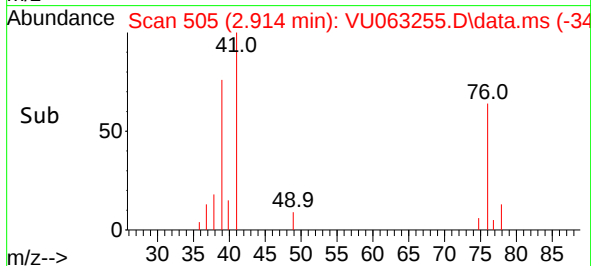
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2025



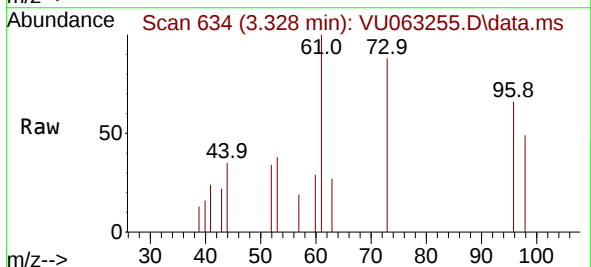
Tgt Ion: 41 Resp: 4514
 Ion Ratio Lower Upper
 41 100
 39 77.2 57.9 86.9

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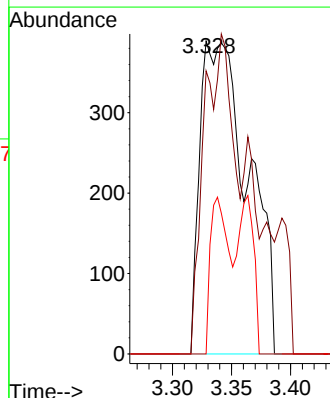
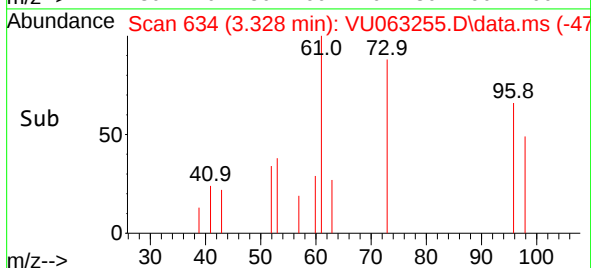
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025

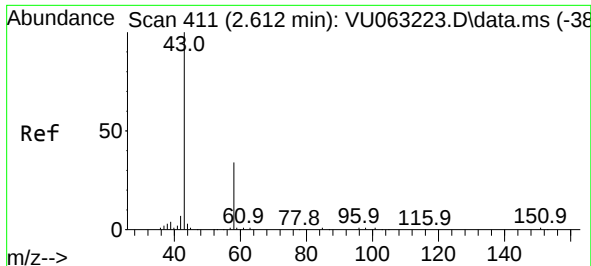


#12
 Acrylonitrile
 Concen: 0.399 ug/l m
 RT: 3.328 min Scan# 634
 Delta R.T. 0.029 min
 Lab File: VU063255.D
 Acq: 12 Feb 2025 15:30



Tgt Ion: 53 Resp: 1103
 Ion Ratio Lower Upper
 53 100
 52 26.1 64.2 96.2#
 51 18.9 30.8 46.2#





#13

Acetone

Concen: 1.618 ug/l

RT: 2.621 min Scan# 411

Delta R.T. 0.009 min

Lab File: VU063255.D

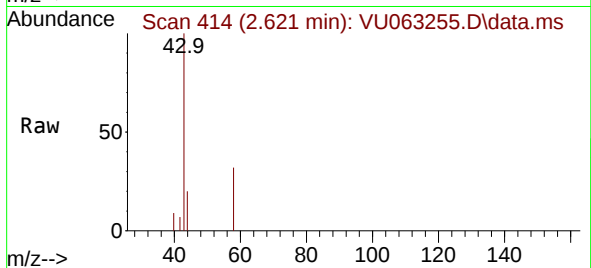
Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

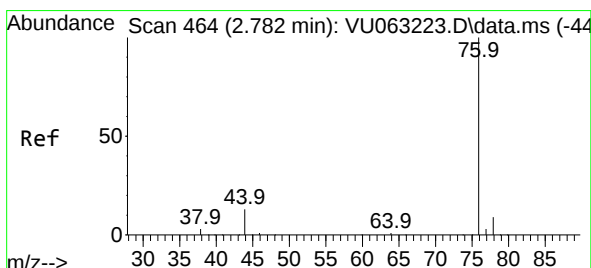
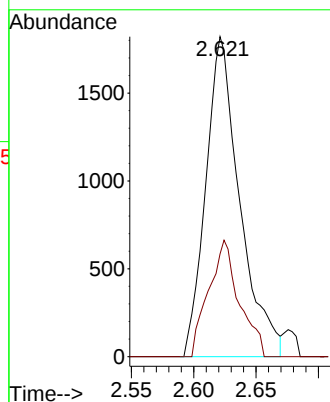
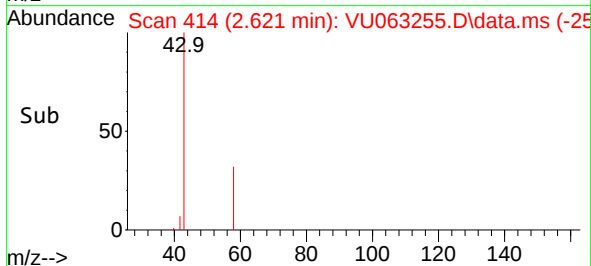
MDL-WATER-03-QT1-2025



Tgt Ion: 43	Resp: 344
Ion Ratio	Lower Upper
43	100
58	32.1 27.4 41.0

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#14

Carbon Disulfide

Concen: 0.306 ug/l

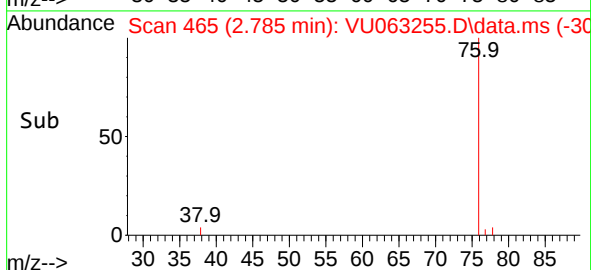
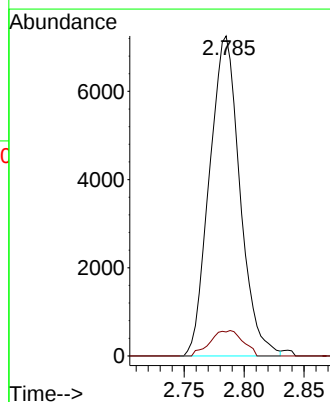
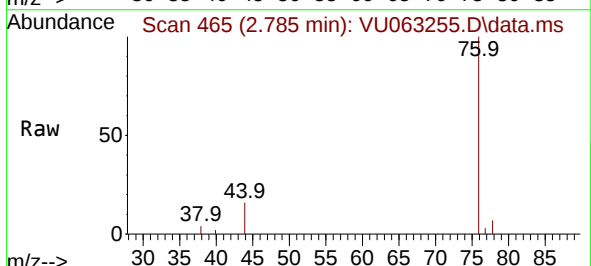
RT: 2.785 min Scan# 465

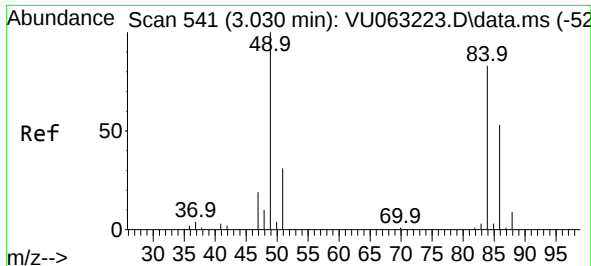
Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

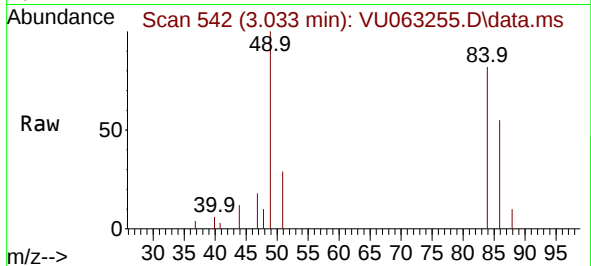
Tgt Ion: 76	Resp: 12818
Ion Ratio	Lower Upper
76	100
78	7.5 7.2 10.8





#15
Methylene Chloride
Concen: 0.312 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

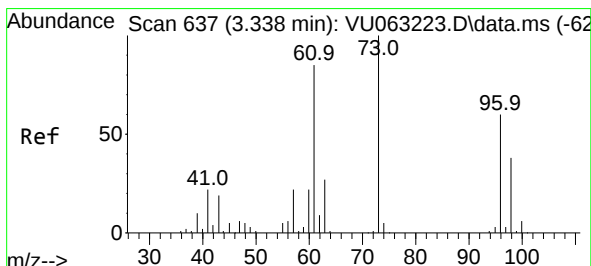
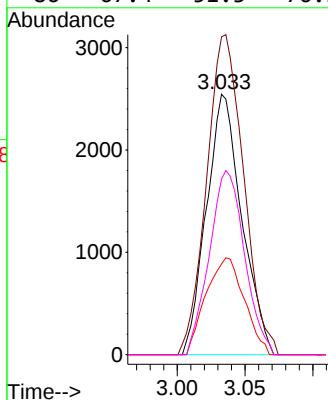
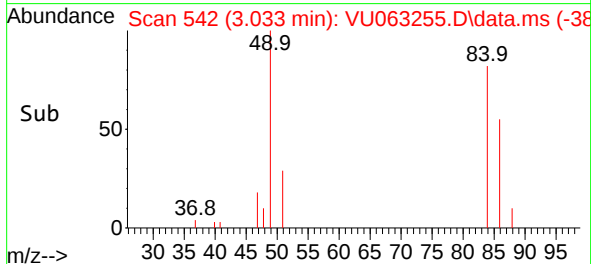
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 84	Resp: 461
Ion Ratio	Lower Upper
84 100	
49 122.0	96.4 144.6
51 34.8	0.0 74.8
86 67.4	51.3 76.9

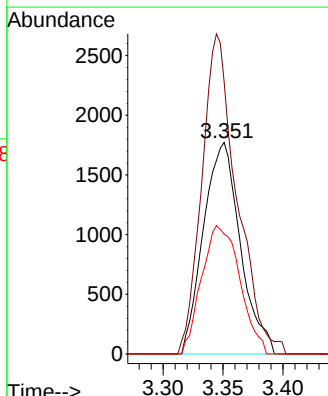
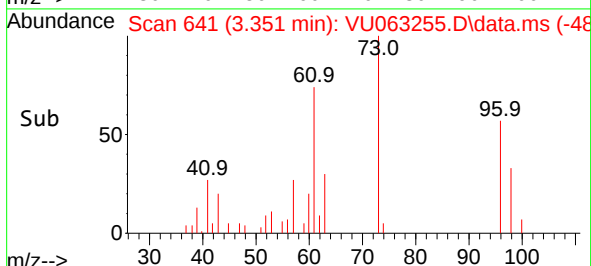
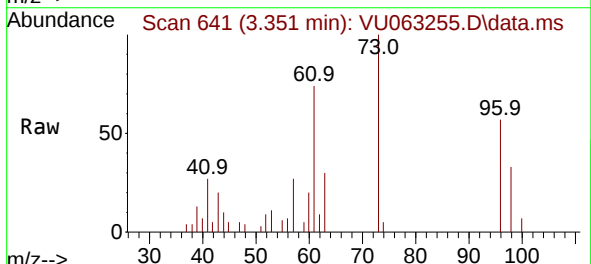
Manual Integrations
APPROVED

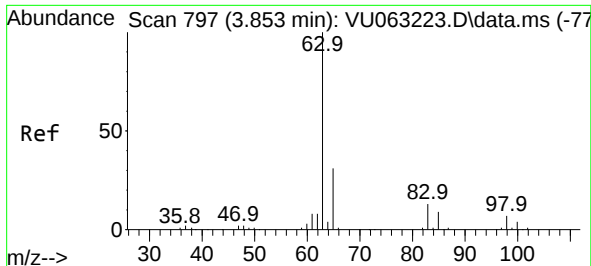
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#16
trans-1,2-Dichloroethene
Concen: 0.277 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.013 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion: 96	Resp: 3788
Ion Ratio	Lower Upper
96 100	
61 128.8	113.4 170.2
98 56.8	51.2 76.8





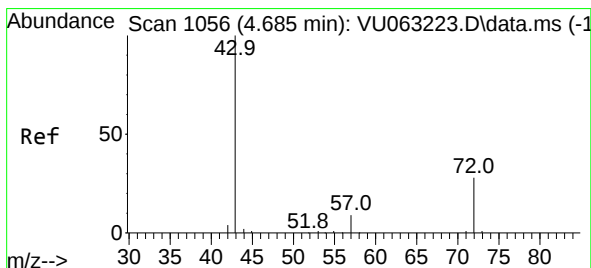
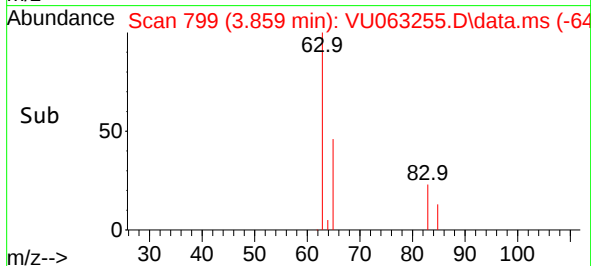
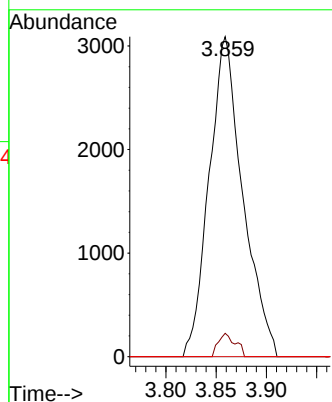
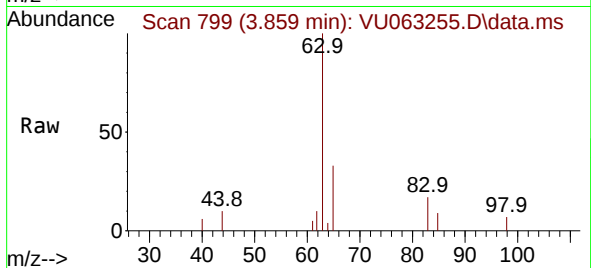
#17
1,1-Dichloroethane
Concen: 0.279 ug/l
RT: 3.859 min Scan# 797
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 63 Resp: 720
Ion Ratio Lower Upper
63 100
98 7.3 3.3 9.9
100 0.0 2.1 6.2

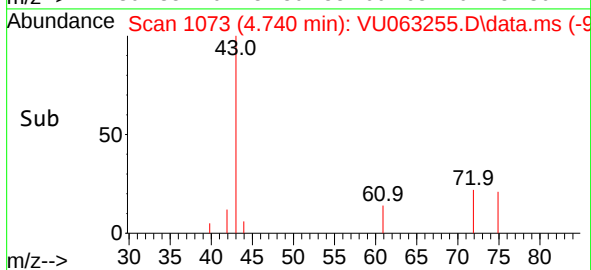
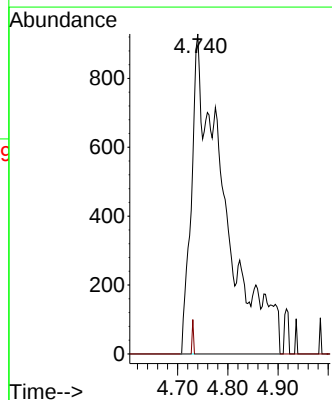
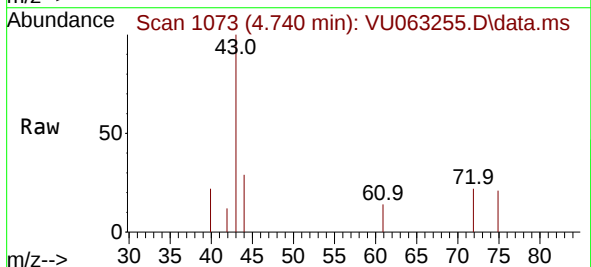
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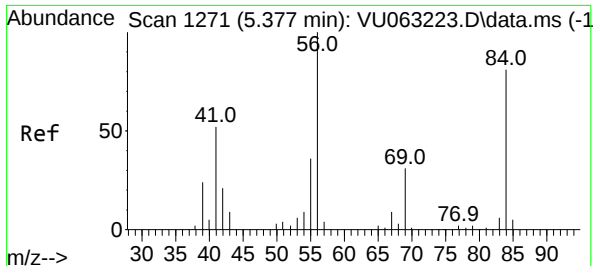
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#18
2-Butanone
Concen: 1.242 ug/l m
RT: 4.740 min Scan# 1073
Delta R.T. 0.054 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion: 43 Resp: 4205
Ion Ratio Lower Upper
43 100
57 0.0 0.0 17.0





#19

Cyclohexane

Concen: 0.266 ug/l m

RT: 5.377 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

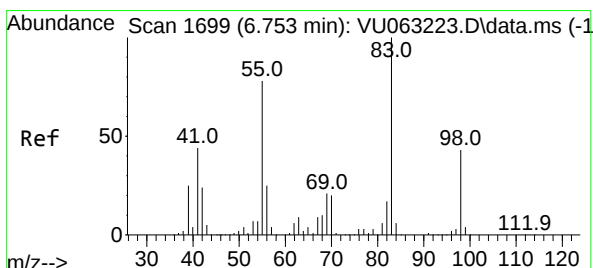
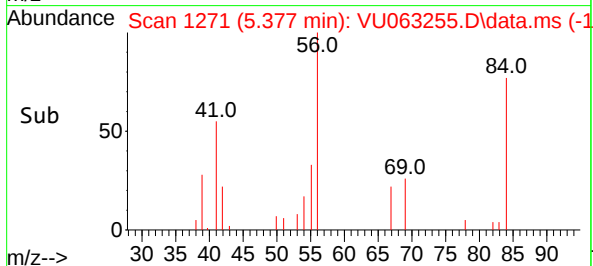
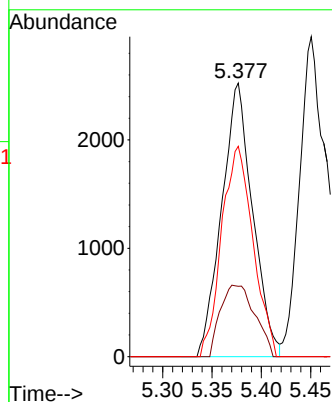
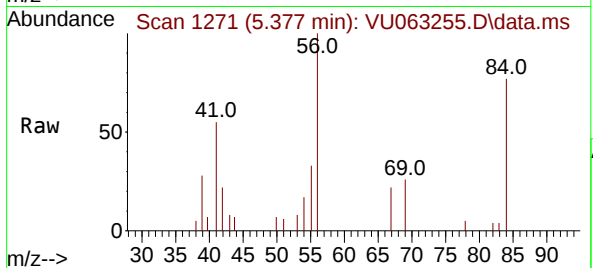
MDL-WATER-03-QT1-2025

Tgt Ion: 56	Resp: 5509
Ion Ratio	Lower Upper
56 100	
69 29.0	24.5 36.7
84 77.9	65.2 97.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#20

Methylcyclohexane

Concen: 0.258 ug/l

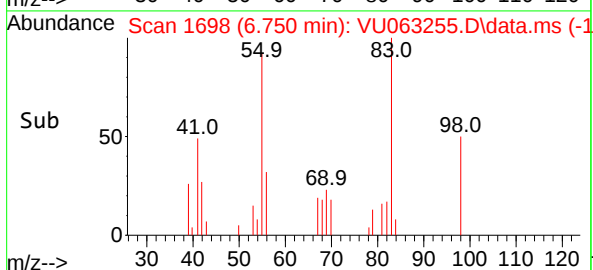
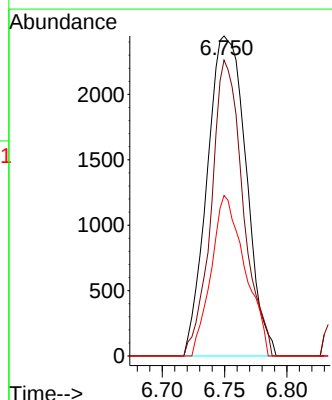
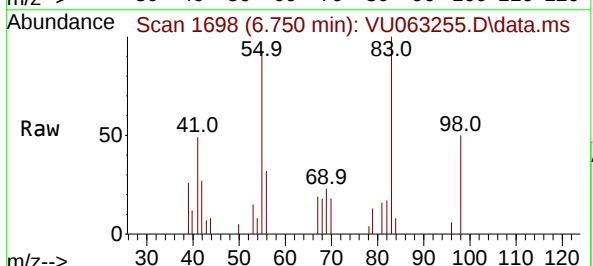
RT: 6.750 min Scan# 1698

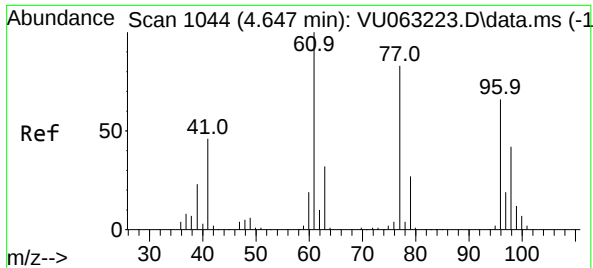
Delta R.T. -0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Tgt Ion: 83	Resp: 5309
Ion Ratio	Lower Upper
83 100	
55 75.8	63.1 94.7
98 43.6	35.2 52.8





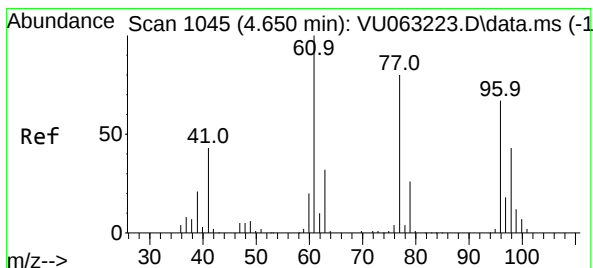
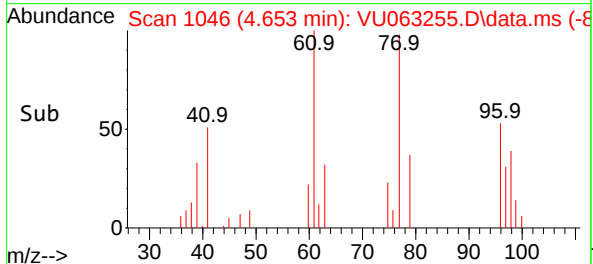
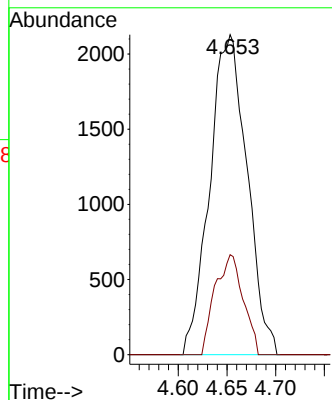
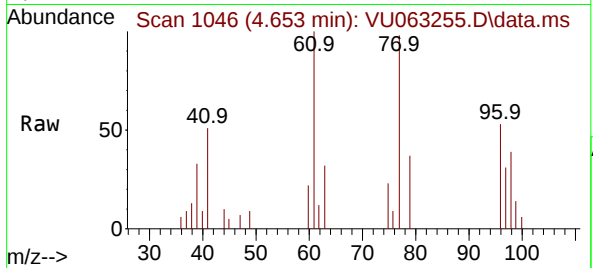
#21
2,2-Dichloropropane
Concen: 0.281 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 77 Resp: 566
Ion Ratio Lower Upper
77 100
97 23.5 18.5 27.7

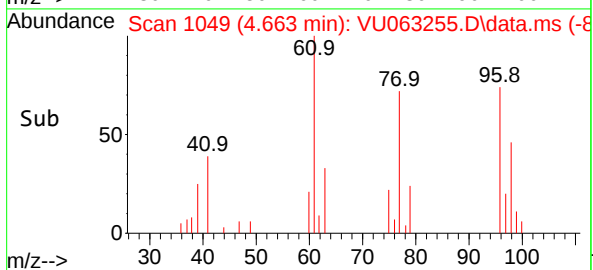
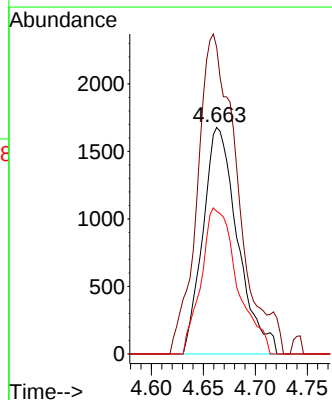
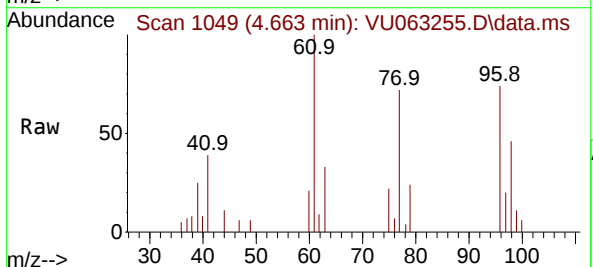
Manual Integrations
APPROVED

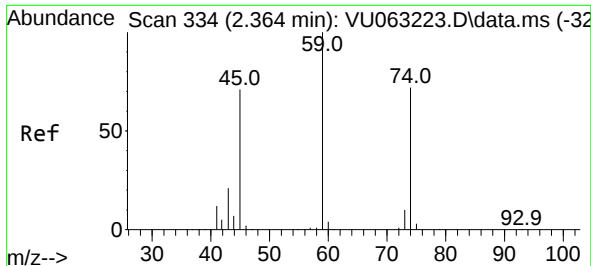
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#22
cis-1,2-Dichloroethene
Concen: 0.263 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.013 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

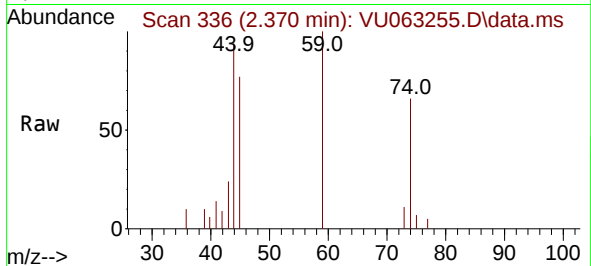
Tgt Ion: 96 Resp: 3887
Ion Ratio Lower Upper
96 100
61 164.0 0.0 373.3
98 67.3 31.9 95.9





#23
Diethyl Ether
Concen: 0.269 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

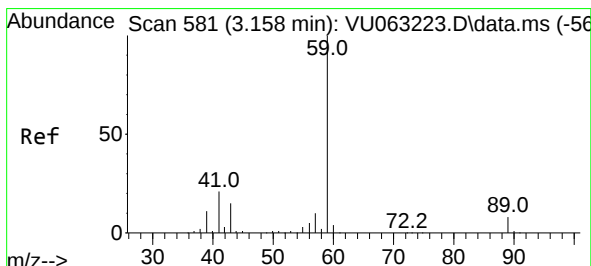
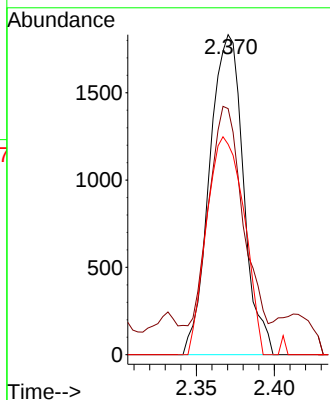
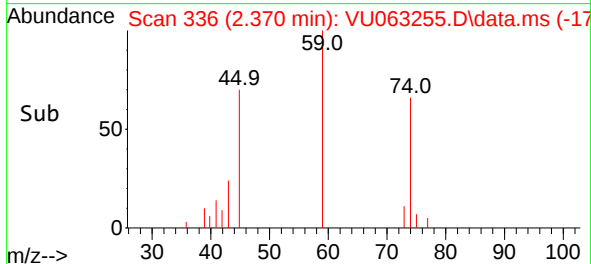
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 59 Resp: 2760
Ion Ratio Lower Upper
59 100
45 67.6 57.8 86.6
74 75.3 57.7 86.5

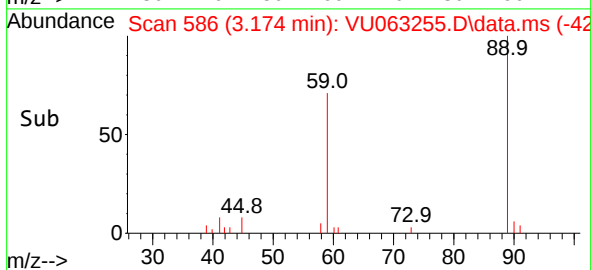
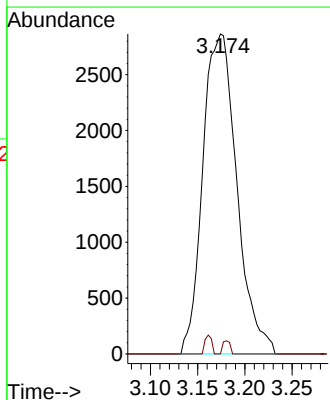
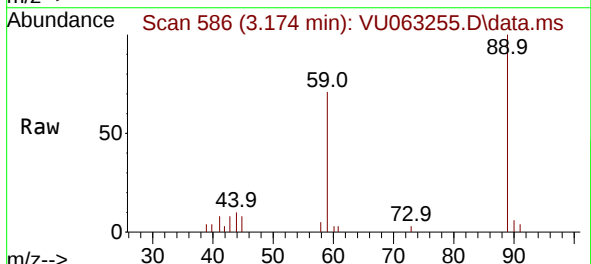
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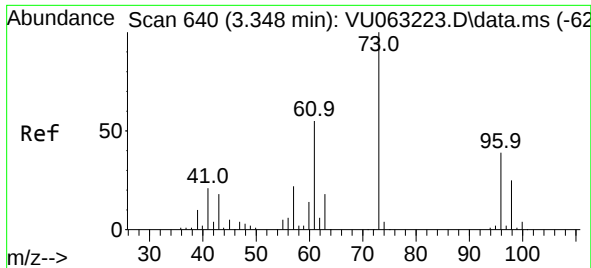
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#24
tert-Butyl Alcohol
Concen: 5.720 ug/l
RT: 3.174 min Scan# 586
Delta R.T. 0.016 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

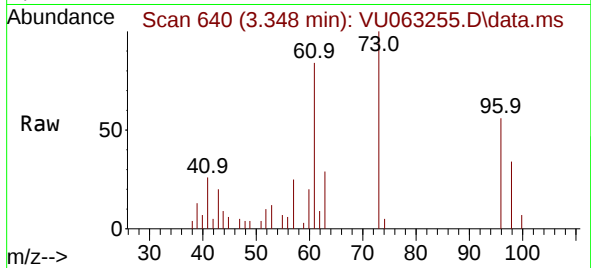
Tgt Ion: 59 Resp: 7161
Ion Ratio Lower Upper
59 100
57 0.9 7.5 11.3#





#25
Methyl tert-Butyl Ether
Concen: 0.248 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

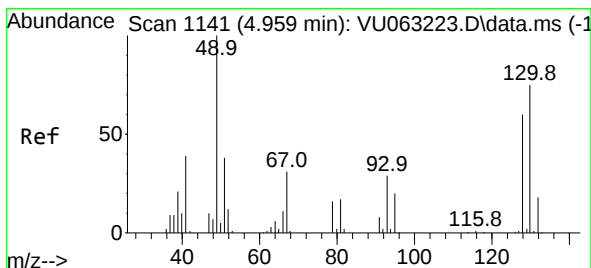
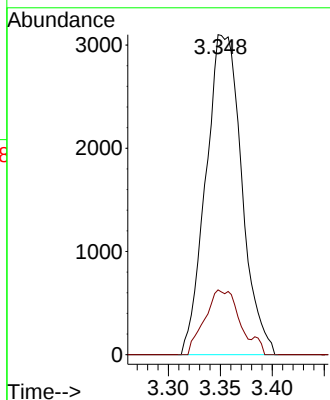
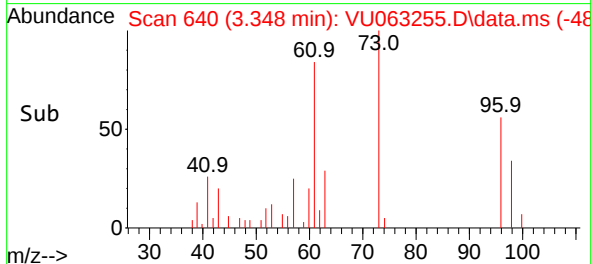
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



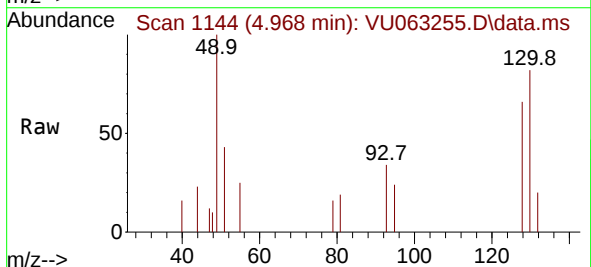
Tgt Ion: 73 Resp: 743
Ion Ratio Lower Upper
73 100
43 18.9 14.9 22.3

Manual Integrations
APPROVED

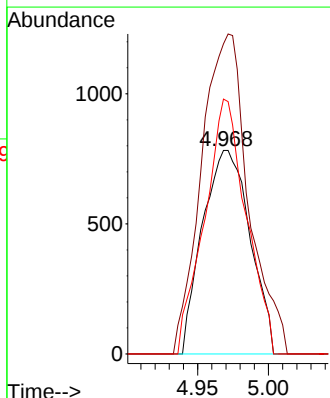
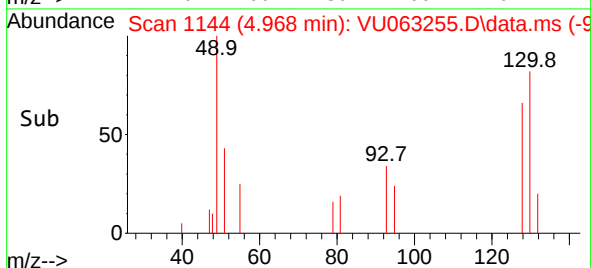
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

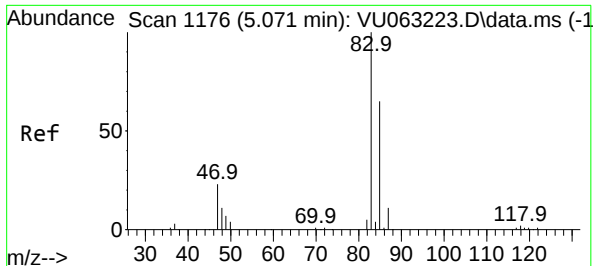


#26
Bromochloromethane
Concen: 0.282 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.009 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30



Tgt Ion:128 Resp: 1821
Ion Ratio Lower Upper
128 100
49 156.3 0.0 343.4
130 110.1 102.9 154.3





#27

Chloroform

Concen: 0.289 ug/l

RT: 5.078 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

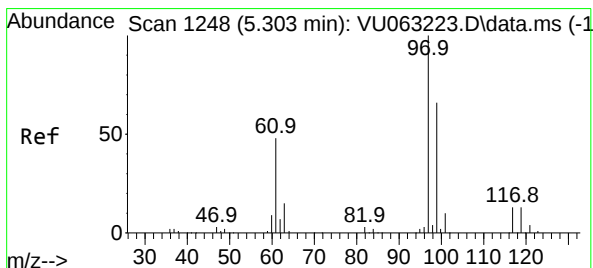
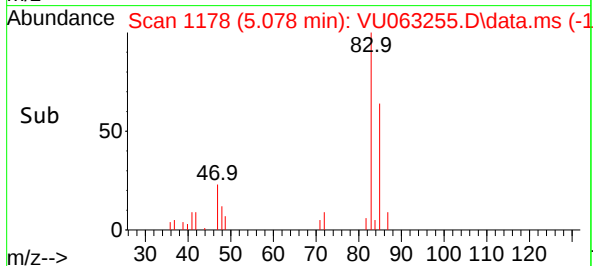
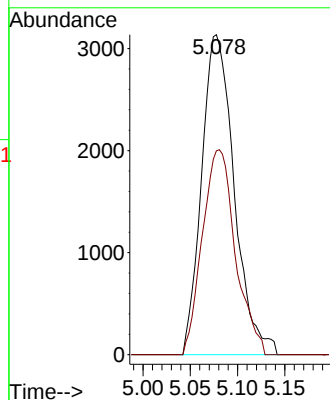
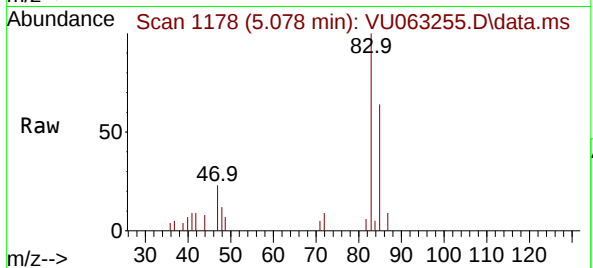
ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 83 Resp: 751
 Ion Ratio Lower Upper
 83 100
 85 63.7 0.0 129.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#28

1,1,1-Trichloroethane

Concen: 0.258 ug/l

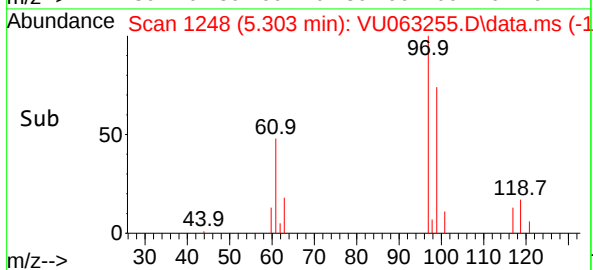
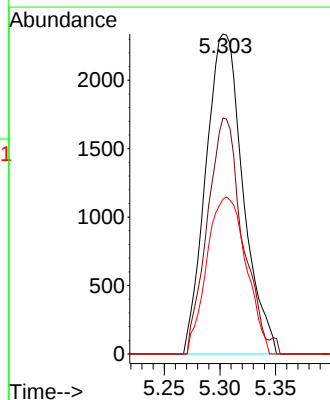
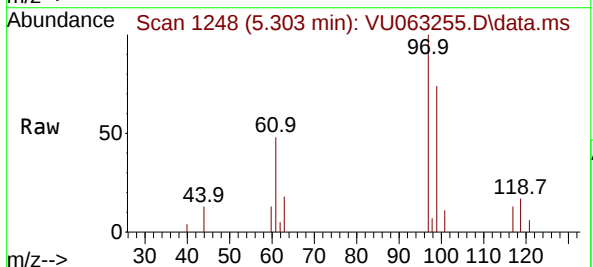
RT: 5.303 min Scan# 1248

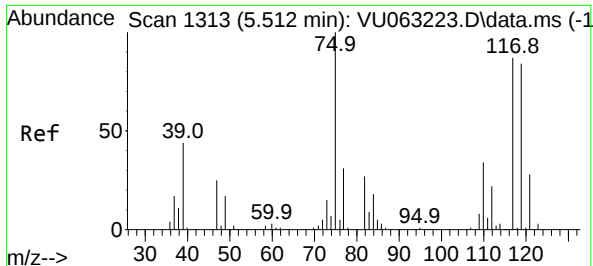
Delta R.T. -0.000 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Tgt Ion: 97 Resp: 5441
 Ion Ratio Lower Upper
 97 100
 99 70.1 32.4 97.0
 61 51.6 23.8 71.2





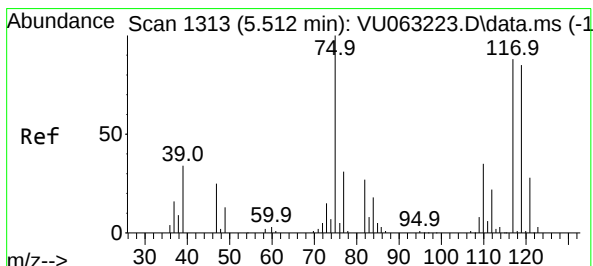
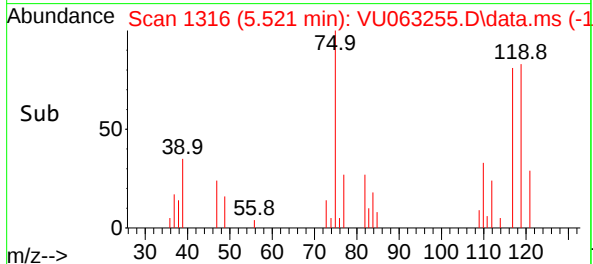
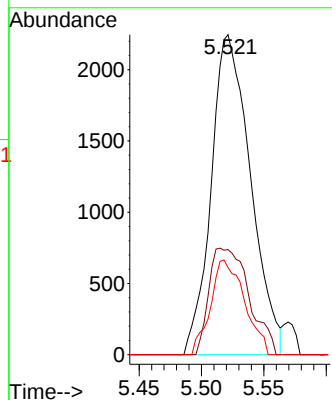
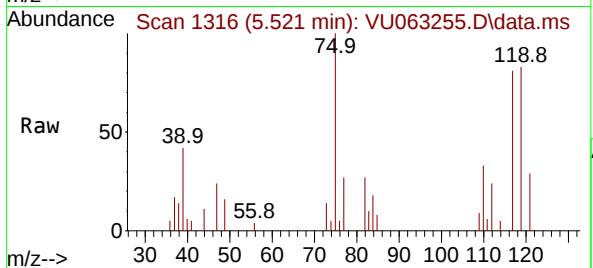
#29
1,1-Dichloropropene
Concen: 0.261 ug/l
RT: 5.521 min Scan# 1110
Delta R.T. 0.009 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 75 Resp: 493
Ion Ratio Lower Upper
75 100
110 33.9 17.2 51.5
77 25.6 24.6 37.0

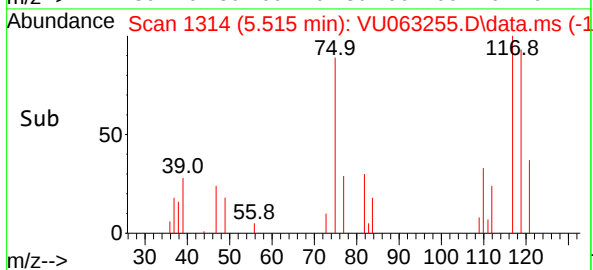
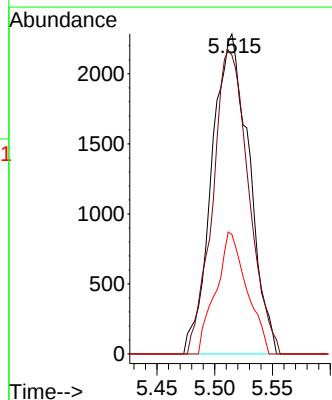
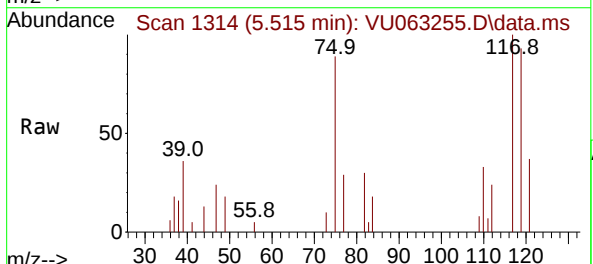
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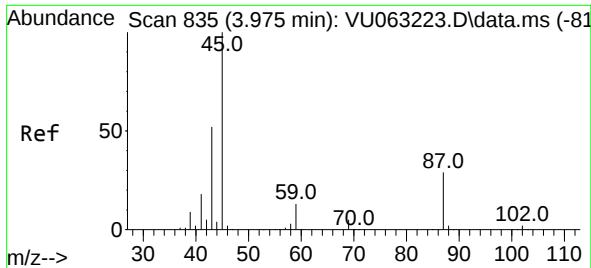
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#30
Carbon Tetrachloride
Concen: 0.284 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion:117 Resp: 5131
Ion Ratio Lower Upper
117 100
119 93.4 76.7 115.1
121 37.3 25.5 38.3





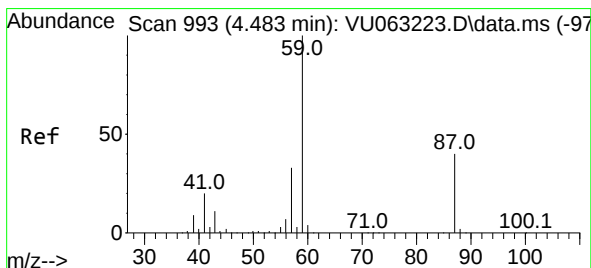
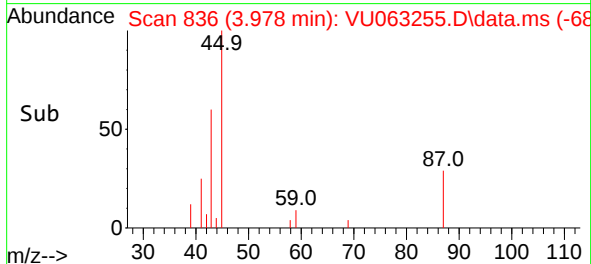
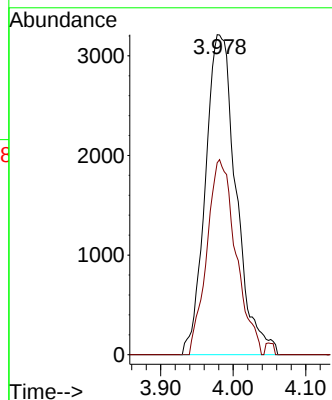
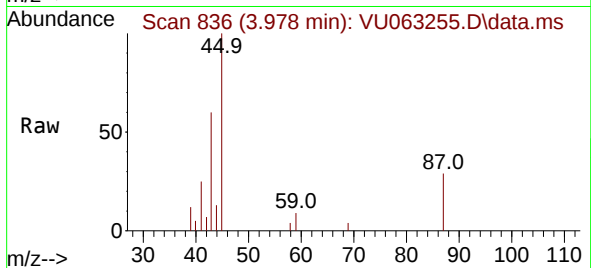
#31
Isopropyl Ether
Concen: 0.257 ug/l
RT: 3.978 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 45 Resp: 946
Ion Ratio Lower Upper
45 100
43 57.6 25.7 77.1

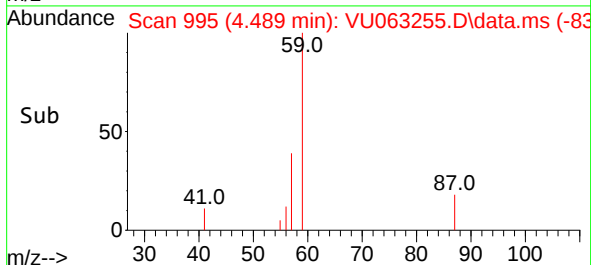
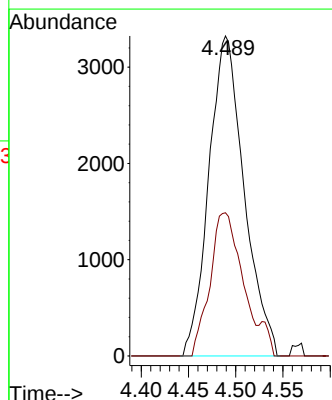
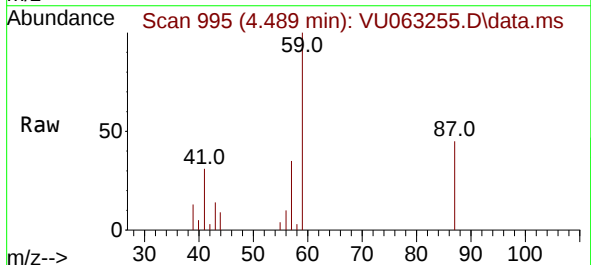
Manual Integrations
APPROVED

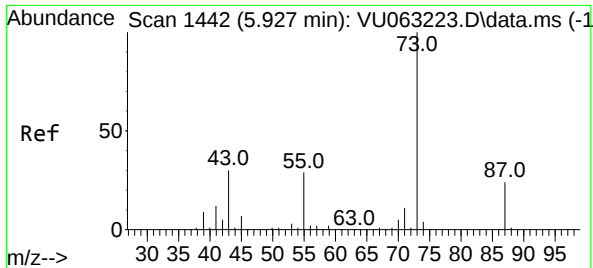
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#32
Ethyl-t-butyl ether
Concen: 0.257 ug/l
RT: 4.489 min Scan# 995
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

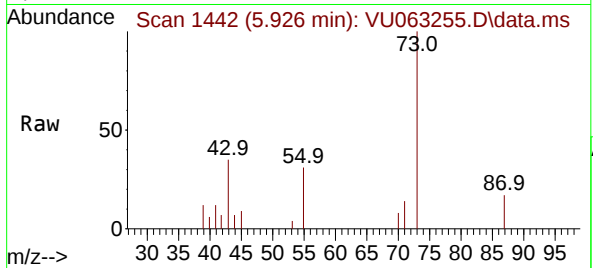
Tgt Ion: 59 Resp: 8615
Ion Ratio Lower Upper
59 100
87 32.8 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 0.261 ug/l
RT: 5.926 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

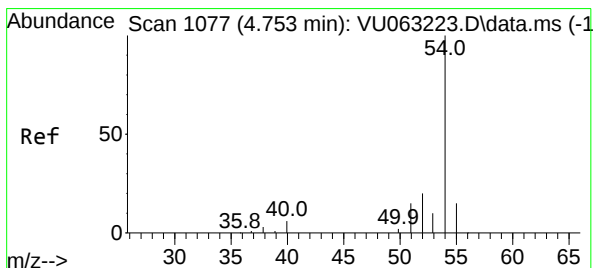
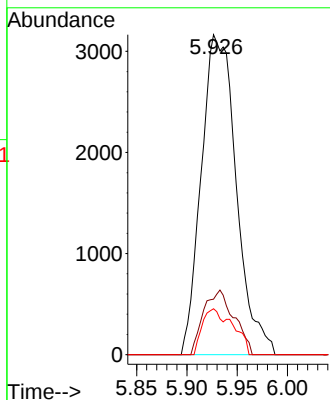
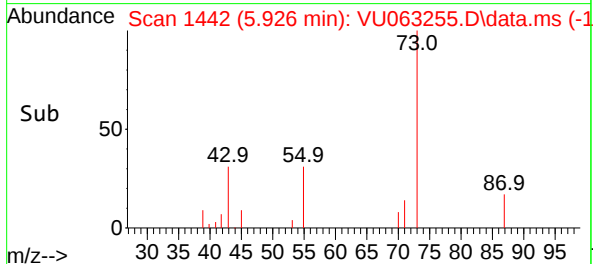
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



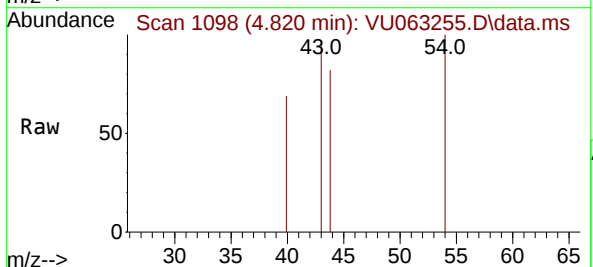
Tgt Ion: 73 Resp: 7652
Ion Ratio Lower Upper
73 100
87 17.7 18.9 28.3#
71 12.5 9.0 13.4

Manual Integrations
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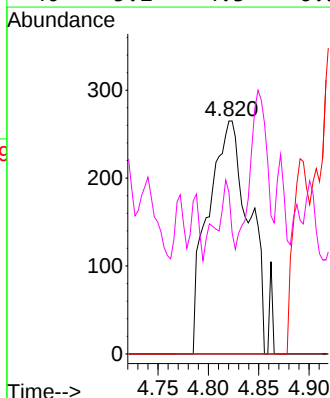
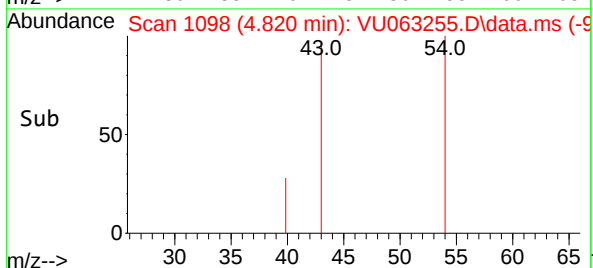
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

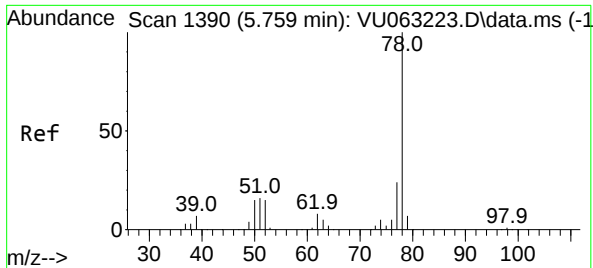


#34
Propionitrile
Concen: 0.748 ug/l m
RT: 4.820 min Scan# 1098
Delta R.T. 0.067 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30



Tgt Ion: 54 Resp: 764
Ion Ratio Lower Upper
54 100
52 0.0 16.3 24.5#
55 0.0 11.8 17.6#
40 5.2 4.3 6.5





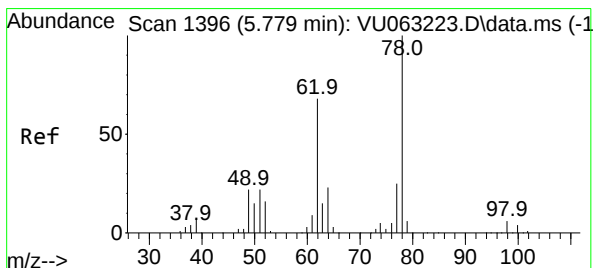
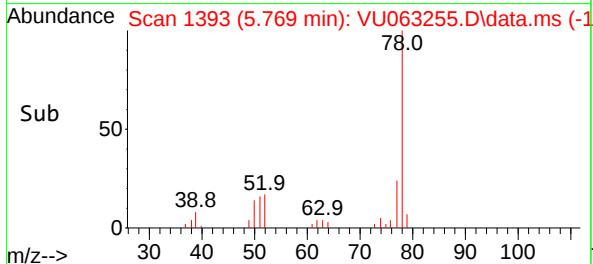
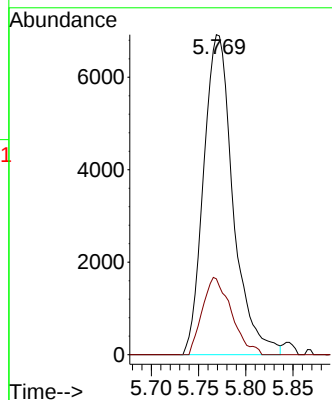
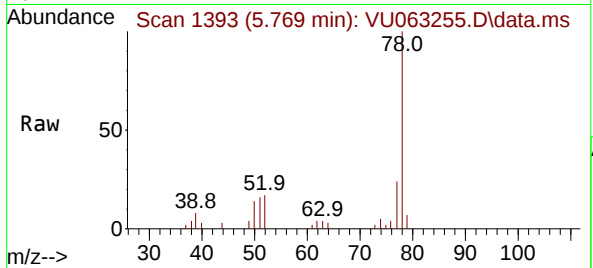
#35
Benzene
Concen: 0.259 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. 0.009 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 78 Resp: 15040
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

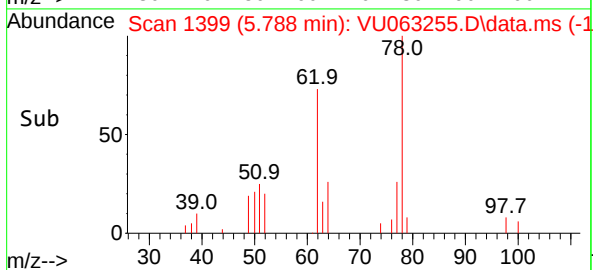
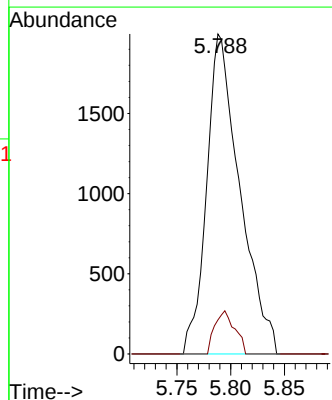
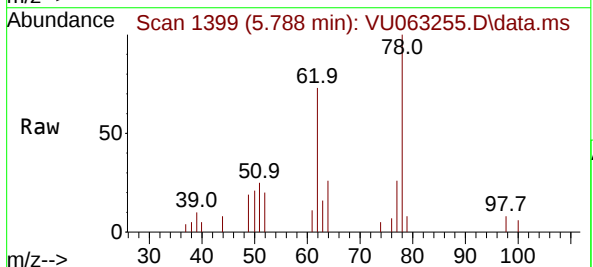
Manual Integrations
APPROVED

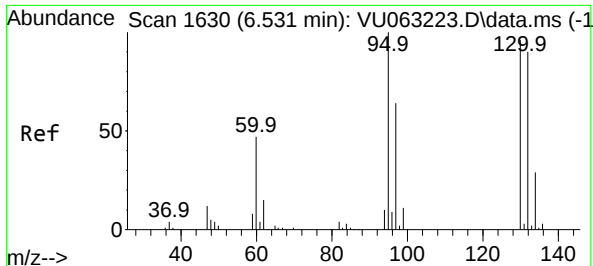
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#36
1,2-Dichloroethane
Concen: 0.256 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.009 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion: 62 Resp: 4289
Ion Ratio Lower Upper
62 100
98 8.1 6.9 10.3





#37

Trichloroethene

Concen: 0.289 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:130 Resp: 3998

Ion Ratio Lower Upper

130 100

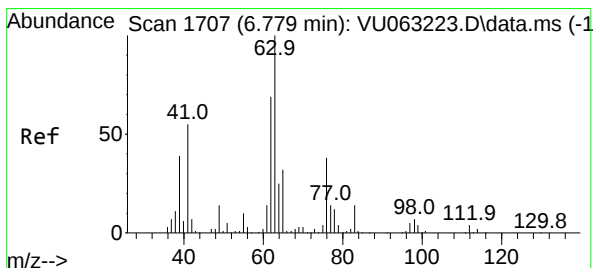
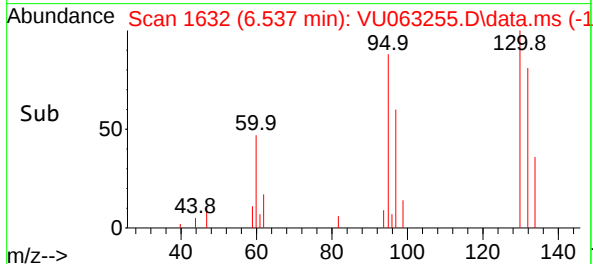
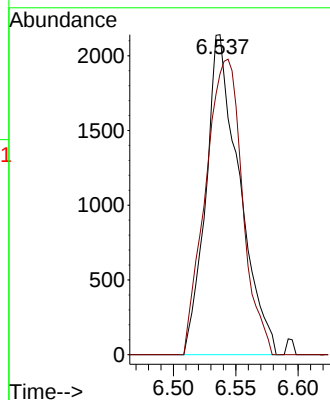
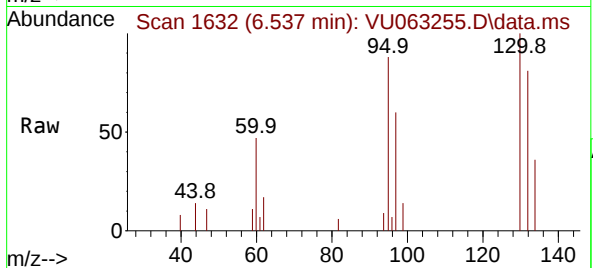
95 87.8 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#38

1,2-Dichloropropane

Concen: 0.256 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VU063255.D

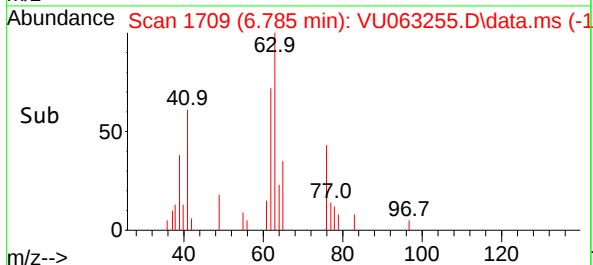
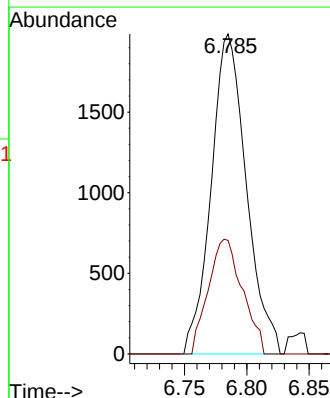
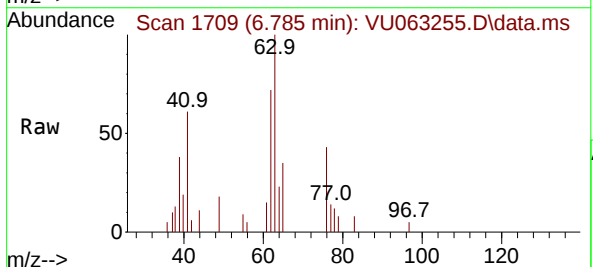
Acq: 12 Feb 2025 15:30

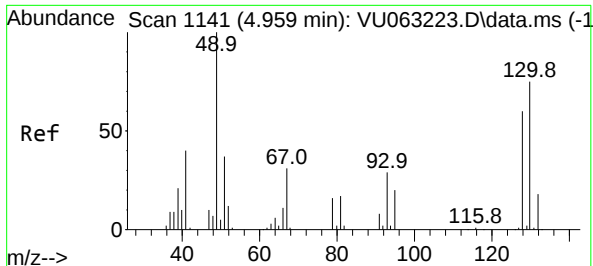
Tgt Ion: 63 Resp: 3897

Ion Ratio Lower Upper

63 100

65 35.5 25.3 37.9





#39

Methacrylonitrile

Concen: 0.227 ug/l m

RT: 5.000 min Scan# 1141

Delta R.T. 0.042 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025

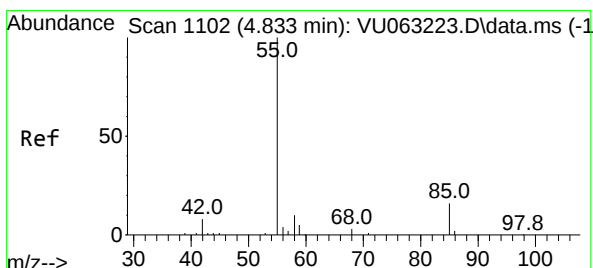
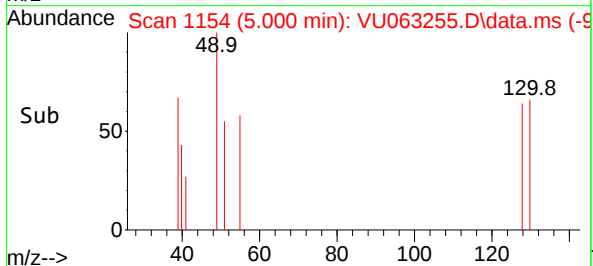
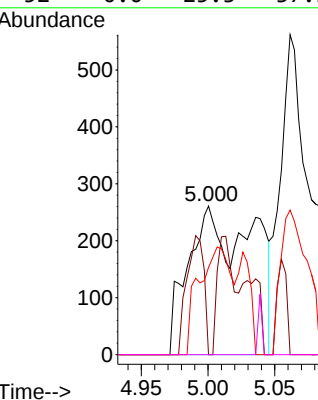
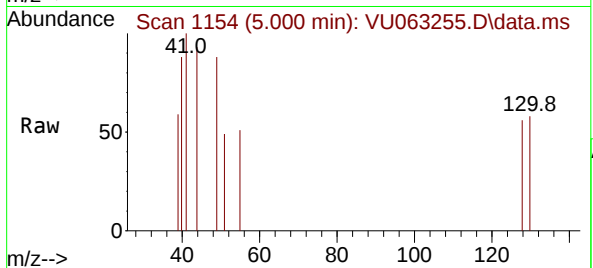
Tgt Ion: 41 Resp: 864

Ion	Ratio	Lower	Upper
41	100		
67	20.8	64.5	96.7
39	36.7	43.0	64.6
52	0.0	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#40

Methyl acrylate

Concen: 0.213 ug/l m

RT: 4.920 min Scan# 1129

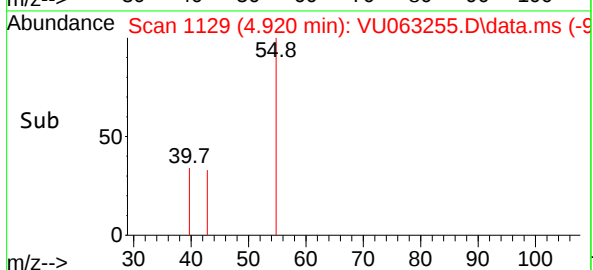
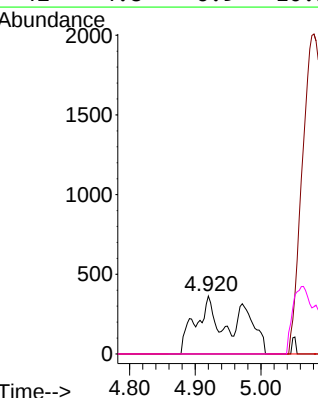
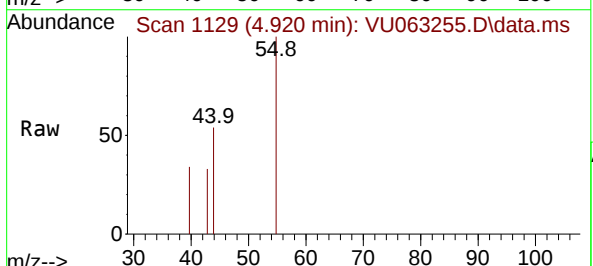
Delta R.T. 0.087 min

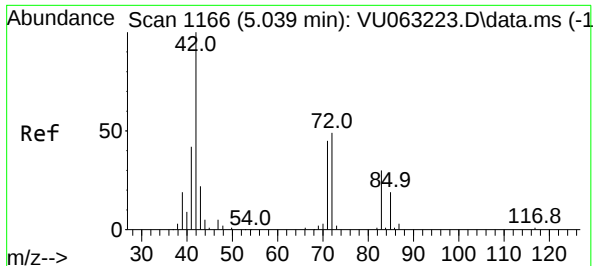
Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Tgt Ion: 55 Resp: 1495

Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9
58	0.0	7.3	10.9
42	4.8	6.9	10.3





#41

Tetrahydrofuran

Concen: 0.499 ug/l

RT: 5.065 min Scan# 1166

Delta R.T. 0.026 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

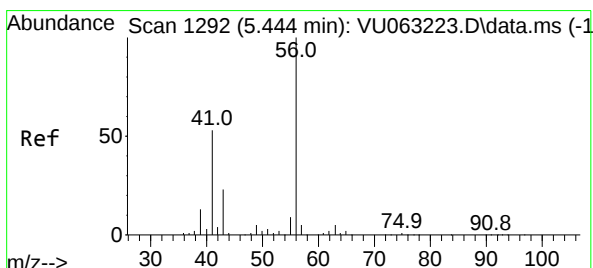
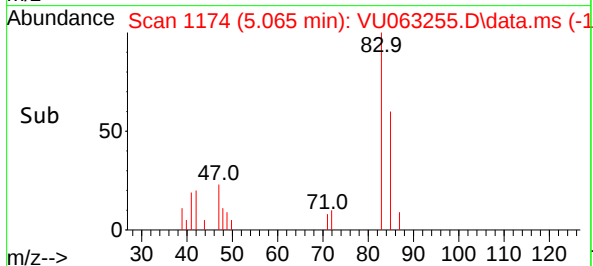
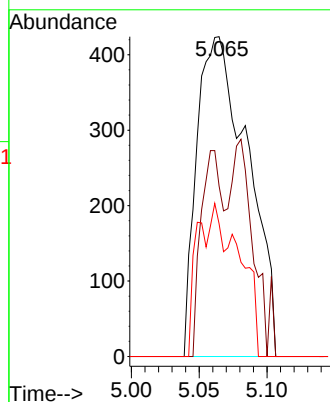
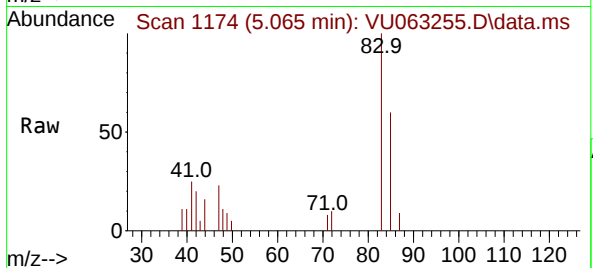
MDL-WATER-03-QT1-2025

Tgt Ion:	42	Resp:	1104
Ion Ratio	Lower	Upper	
42	100		
72	26.7	41.5	62.3
71	11.1	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#42

1-Chlorobutane

Concen: 0.245 ug/l

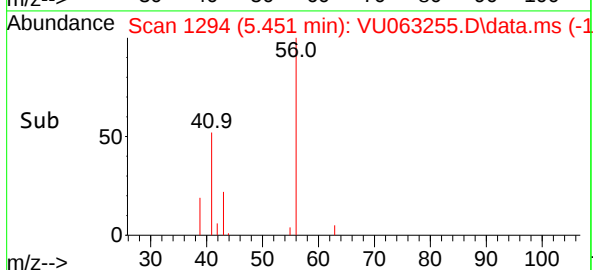
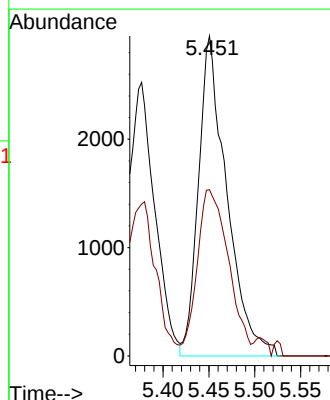
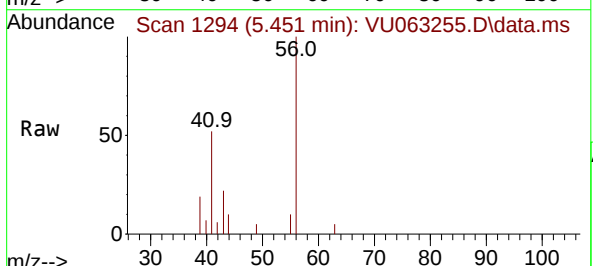
RT: 5.451 min Scan# 1294

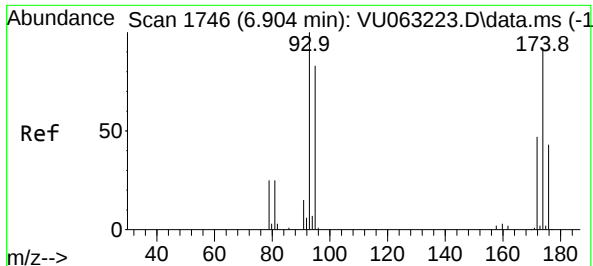
Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

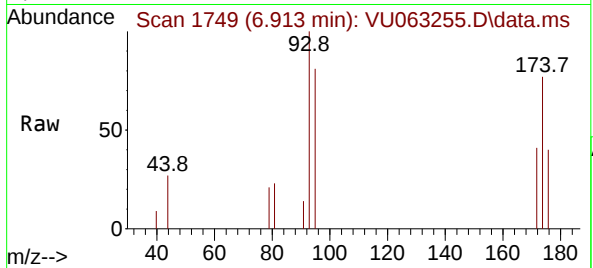
Tgt Ion:	56	Resp:	6330
Ion Ratio	Lower	Upper	
56	100		
41	57.6	26.3	78.8





#43
Dibromomethane
Concen: 0.275 ug/l
RT: 6.913 min Scan# 1749
Delta R.T. 0.009 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

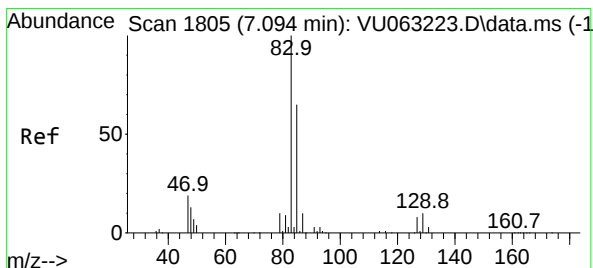
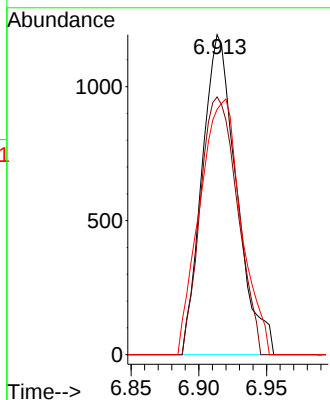
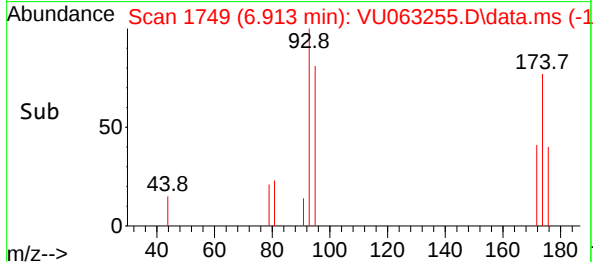


Tgt Ion: 93 Resp: 211

Ion	Ratio	Lower	Upper
93	100		
95	86.4	67.2	100.8
174	95.4	75.7	113.5

Manual Integrations
APPROVED

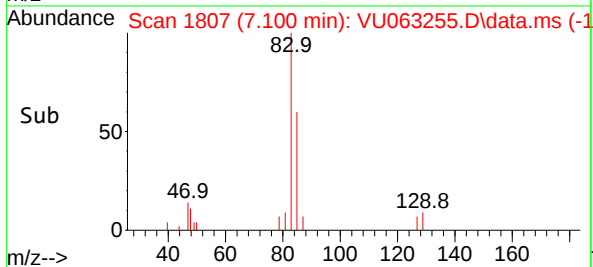
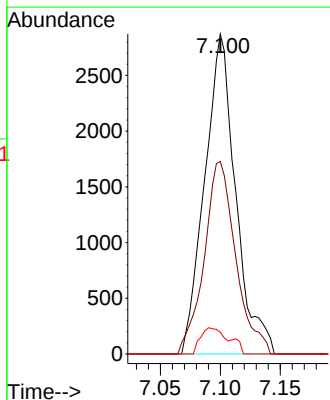
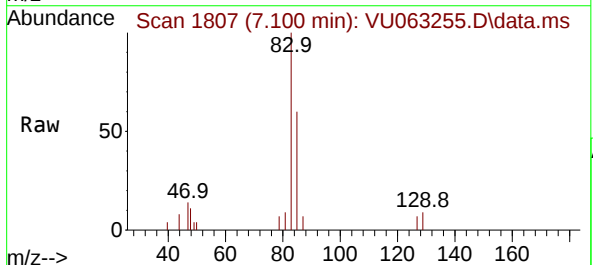
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

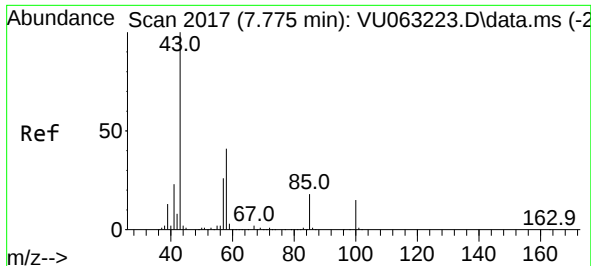


#44
Bromodichloromethane
Concen: 0.287 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion: 83 Resp: 5138

Ion	Ratio	Lower	Upper
83	100		
85	60.2	51.7	77.5
127	6.8	6.7	10.1





#45

4-Methyl-2-Pentanone

Concen: 1.180 ug/l m

RT: 7.788 min Scan# 2017

Delta R.T. 0.013 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

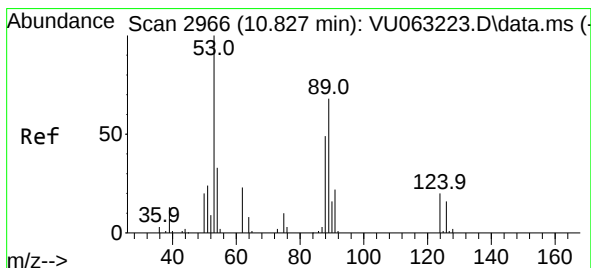
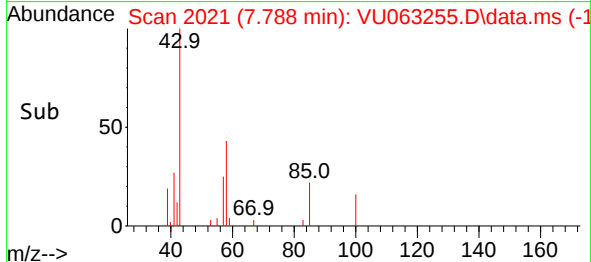
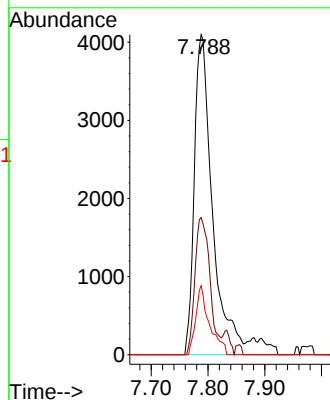
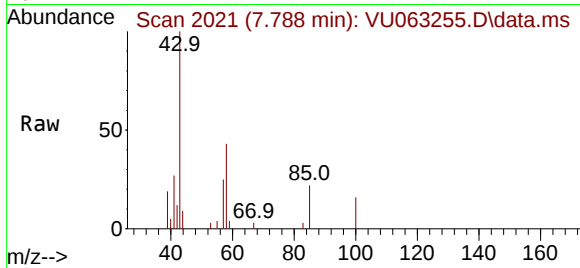
MDL-WATER-03-QT1-2025

Tgt Ion:	43	Resp:	952
Ion	Ratio	Lower	Upper
43	100		
58	33.9	20.8	62.5
85	15.5	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#46

t-1,4-Dichloro-2-butene

Concen: 0.507 ug/l m

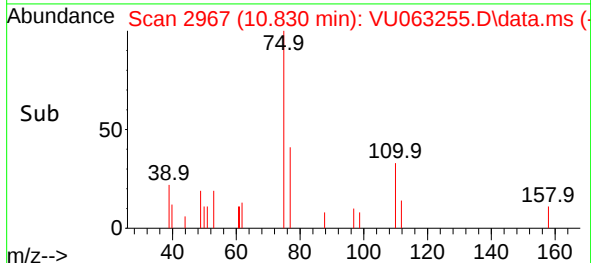
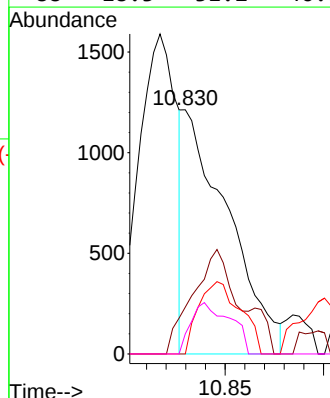
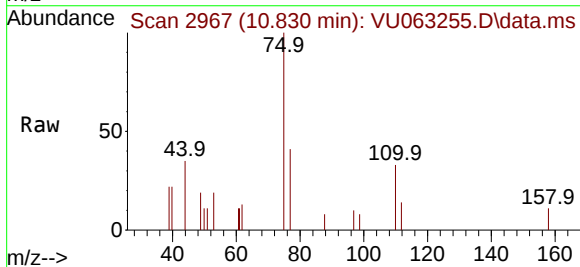
RT: 10.830 min Scan# 2967

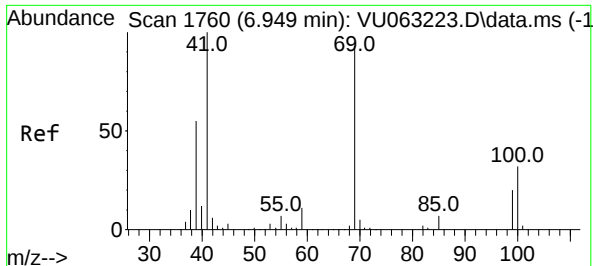
Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Tgt Ion:	75	Resp:	1925
Ion	Ratio	Lower	Upper
75	100		
53	45.9	64.5	96.7#
89	27.5	43.4	65.2#
88	18.3	31.2	46.8#





#47

Methyl methacrylate

Concen: 0.392 ug/l m

RT: 6.968 min Scan# 1760

Delta R.T. 0.019 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025

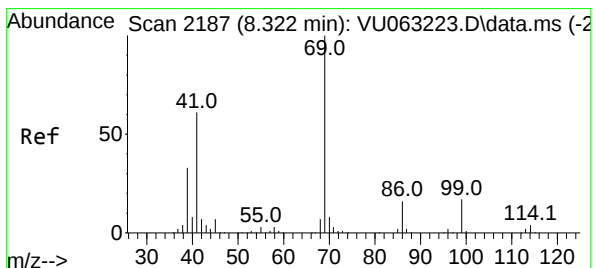
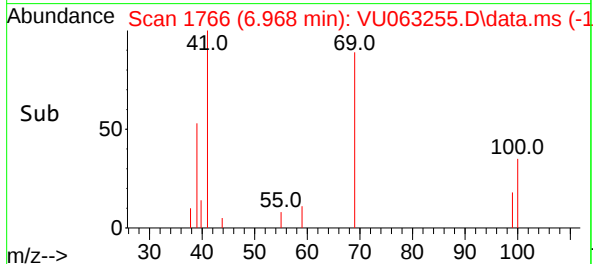
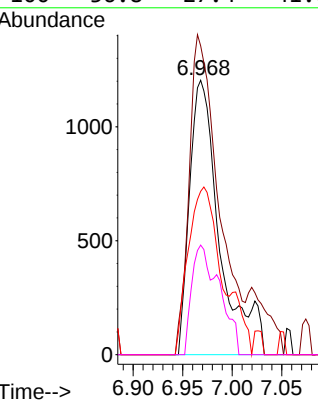
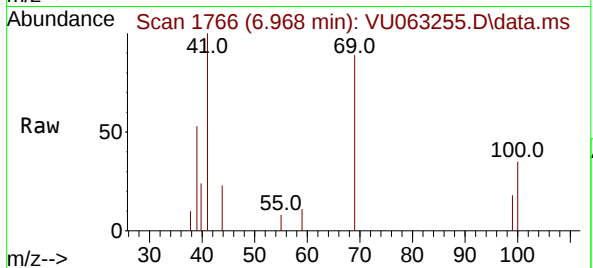
Tgt Ion: 69 Resp: 2540

Ion	Ratio	Lower	Upper
69	100		
41	114.3	0.0	217.0
39	60.9	47.7	71.5
100	36.8	27.4	41.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#48

Ethyl methacrylate

Concen: 0.202 ug/l m

RT: 8.338 min Scan# 2192

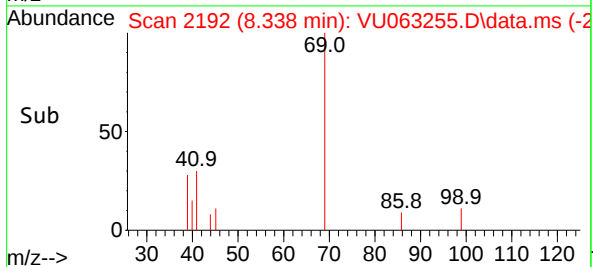
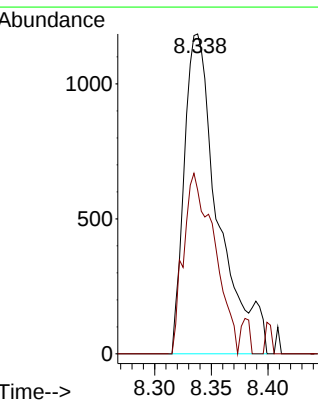
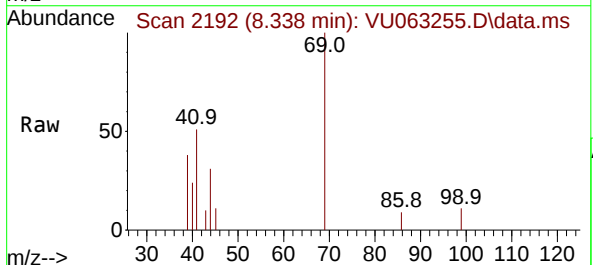
Delta R.T. 0.016 min

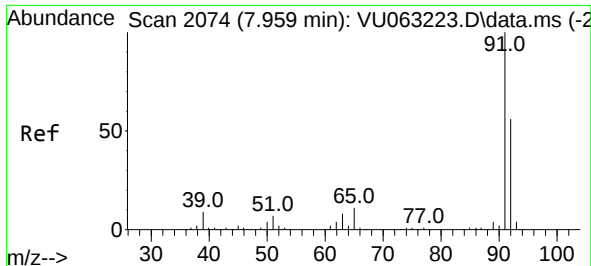
Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Tgt Ion: 69 Resp: 2463

Ion	Ratio	Lower	Upper
69	100		
41	51.4	30.6	92.0





#49

Toluene

Concen: 0.227 ug/l

RT: 7.965 min Scan# 2100

Delta R.T. 0.006 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 92 Resp: 7600

Ion Ratio Lower Upper

92 100

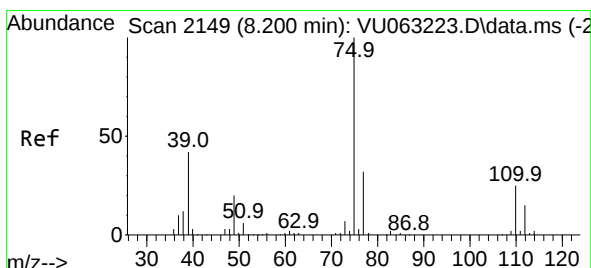
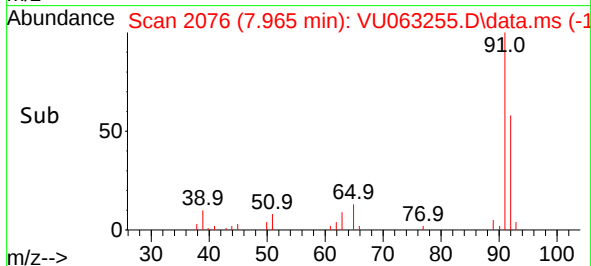
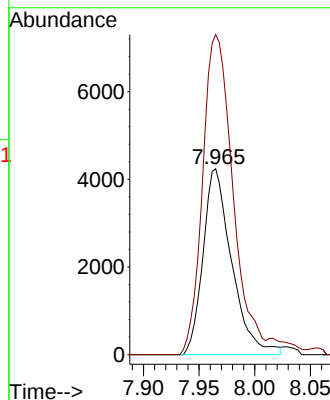
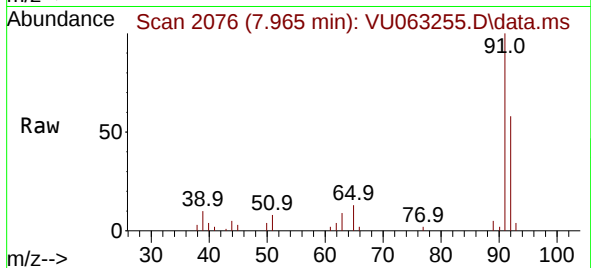
91 180.9 141.8 212.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025

Supervised By :Mahesh Dadoda 02/17/2025



#50

t-1,3-Dichloropropene

Concen: 0.236 ug/l

RT: 8.212 min Scan# 2153

Delta R.T. 0.013 min

Lab File: VU063255.D

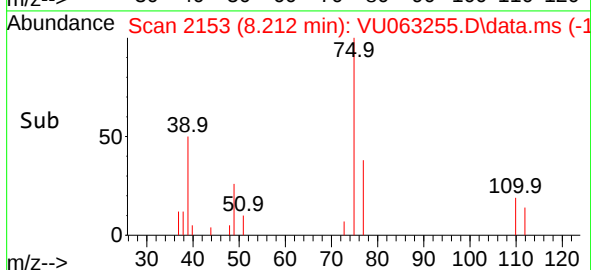
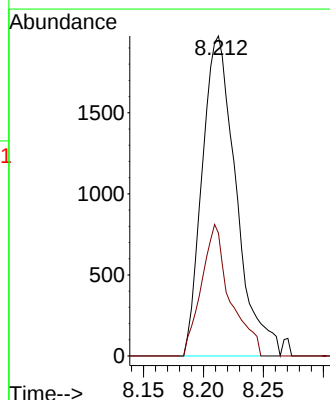
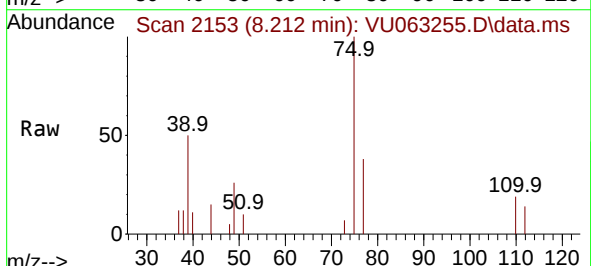
Acq: 12 Feb 2025 15:30

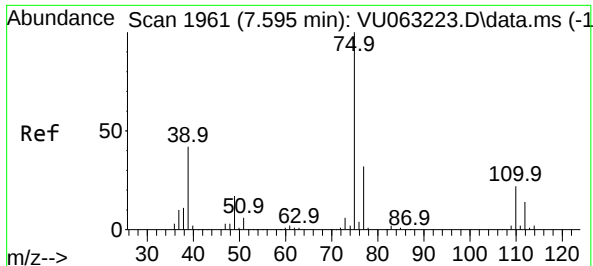
Tgt Ion: 75 Resp: 3870

Ion Ratio Lower Upper

75 100

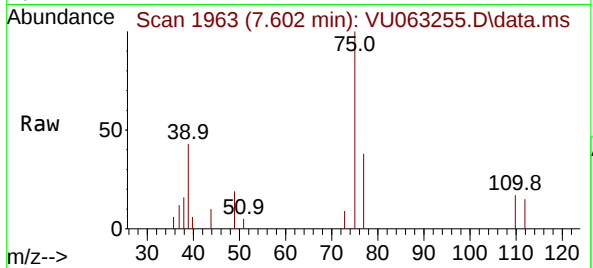
77 38.4 25.9 38.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.258 ug/l
 RT: 7.602 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VU063255.D
 Acq: 12 Feb 2025 15:30

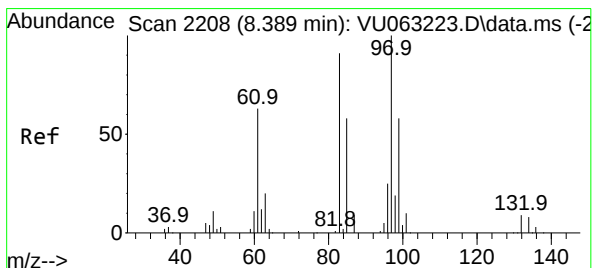
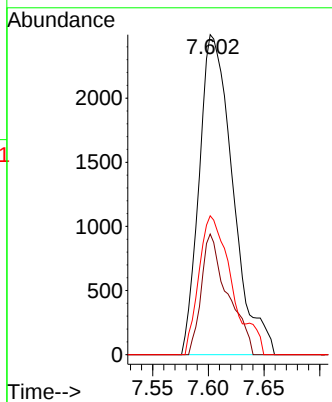
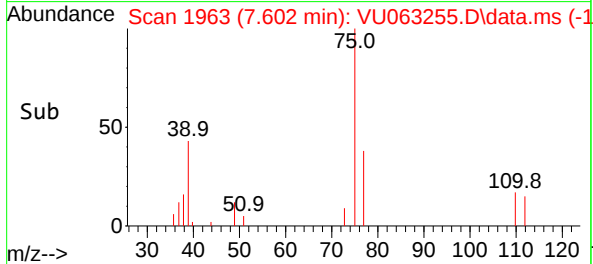
Instrument : MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT1-2025



Tgt Ion: 75 Resp: 5230
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.3 37.9
 39 43.4 33.5 50.3

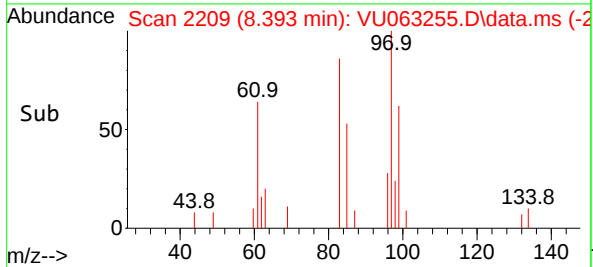
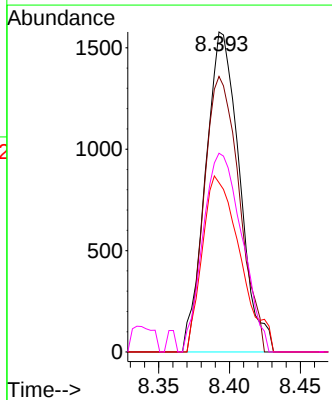
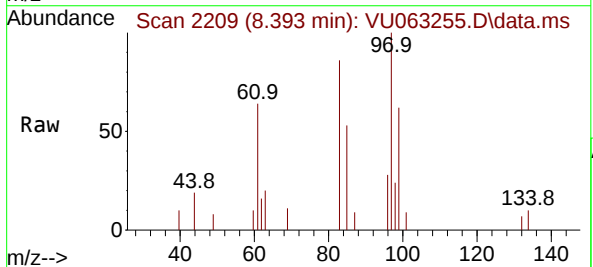
Manual Integrations
 APPROVED

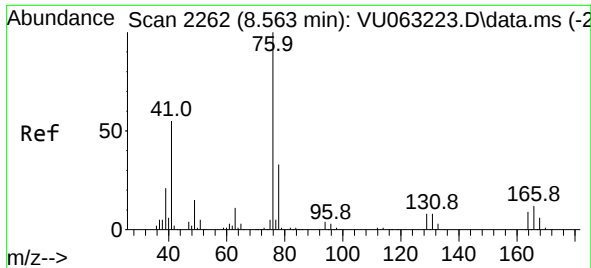
Reviewed By :Semsettin Yesilyurt 02/17/2025
 Supervised By :Mahesh Dadoda 02/17/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.254 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU063255.D
 Acq: 12 Feb 2025 15:30

Tgt Ion: 97 Resp: 2639
 Ion Ratio Lower Upper
 97 100
 83 86.1 73.0 109.4
 85 52.9 46.3 69.5
 99 62.1 48.5 72.7





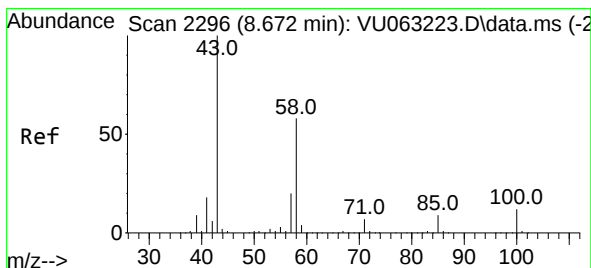
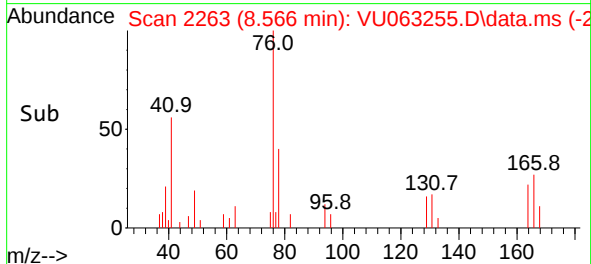
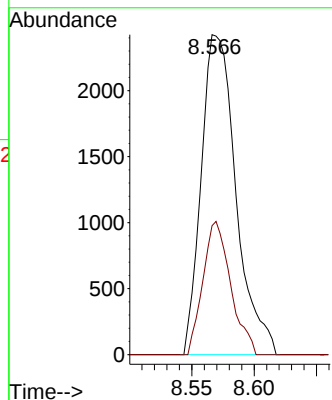
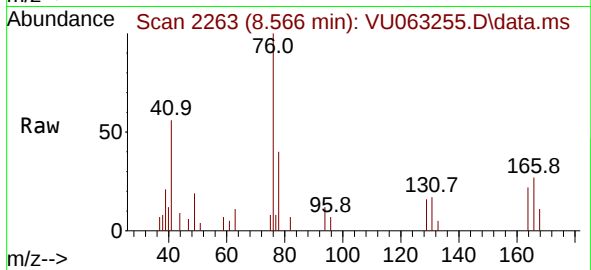
#53
1,3-Dichloropropane
Concen: 0.255 ug/l
RT: 8.566 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 76 Resp: 470
Ion Ratio Lower Upper
76 100
78 33.2 26.3 39.5

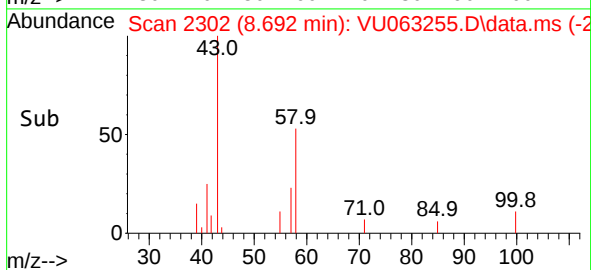
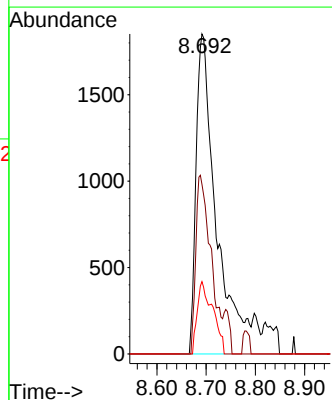
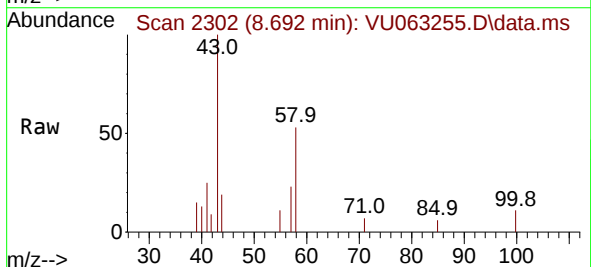
Manual Integrations
APPROVED

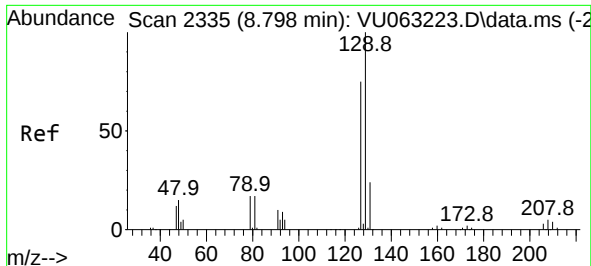
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#54
2-Hexanone
Concen: 1.038 ug/l m
RT: 8.692 min Scan# 2302
Delta R.T. 0.019 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

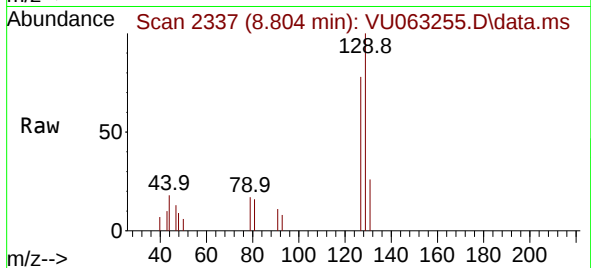
Tgt Ion: 43 Resp: 5720
Ion Ratio Lower Upper
43 100
58 38.5 38.0 78.0
57 16.1 0.0 39.1





#55
Dibromochloromethane
Concen: 0.263 ug/l
RT: 8.804 min Scan# 2140
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

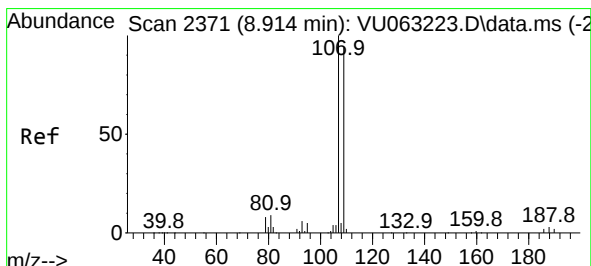
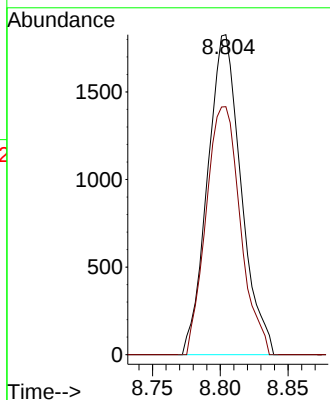
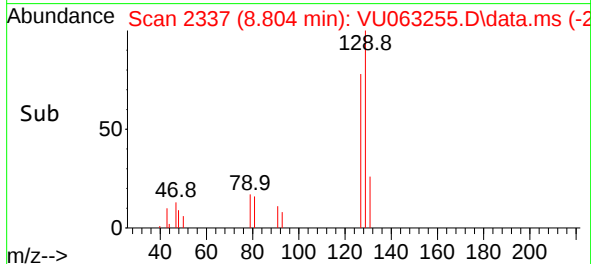
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT1-2025



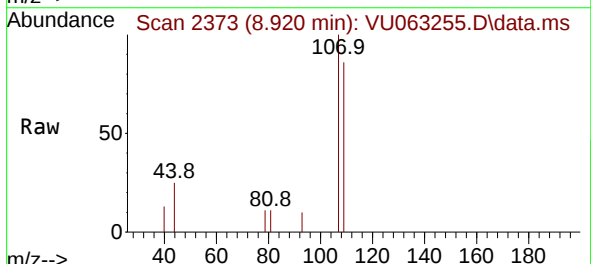
Tgt Ion:129 Resp: 3140
Ion Ratio Lower Upper
129 100
127 79.2 60.4 90.6

Manual Integrations
APPROVED

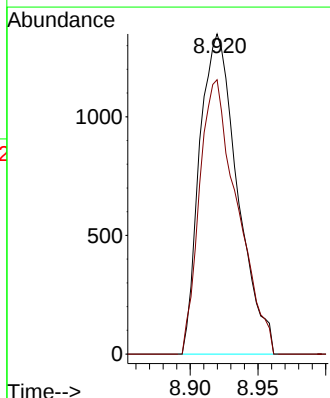
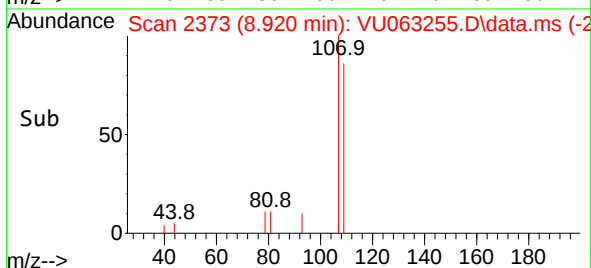
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

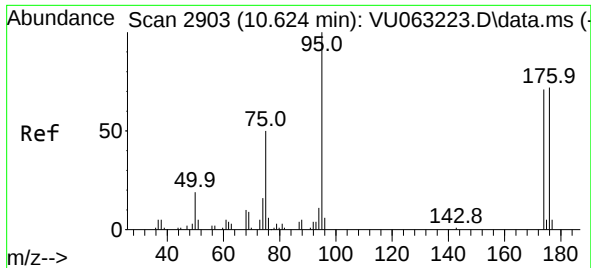


#56
1,2-Dibromoethane
Concen: 0.269 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30



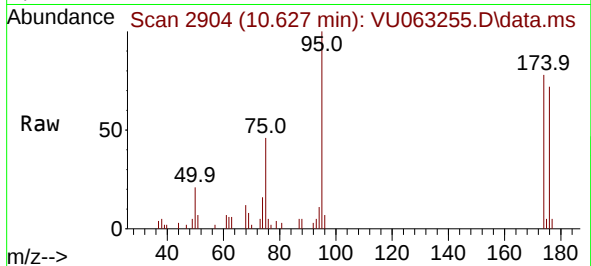
Tgt Ion:107 Resp: 2616
Ion Ratio Lower Upper
107 100
109 85.9 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 0.864 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

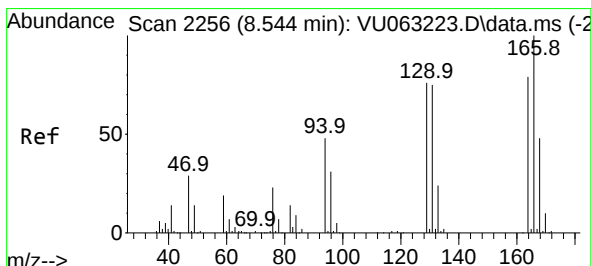
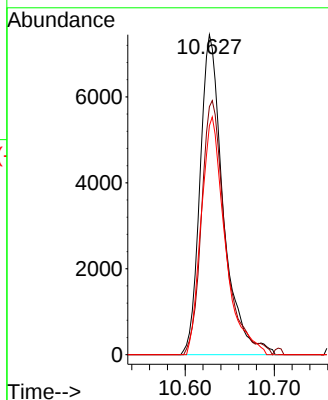
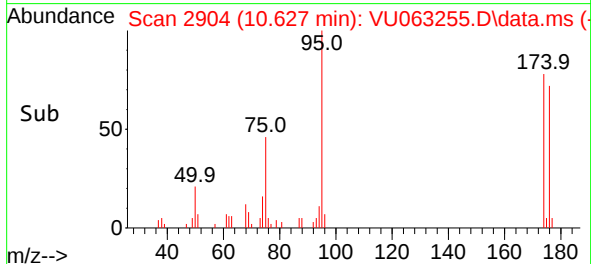
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 95 Resp: 13480
Ion Ratio Lower Upper
95 100
174 81.5 58.6 88.0
176 76.4 58.2 87.4

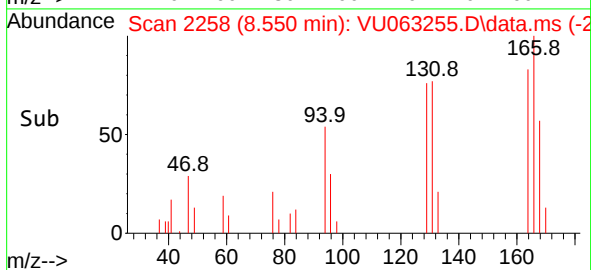
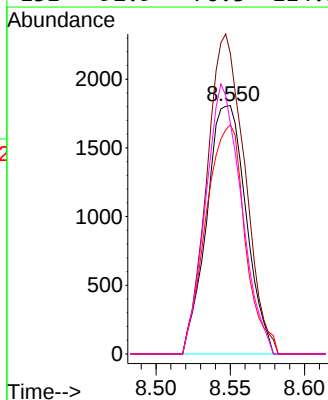
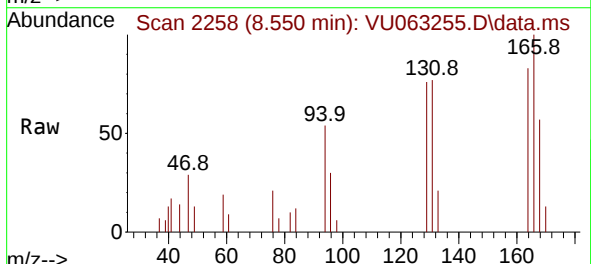
Manual Integrations
APPROVED

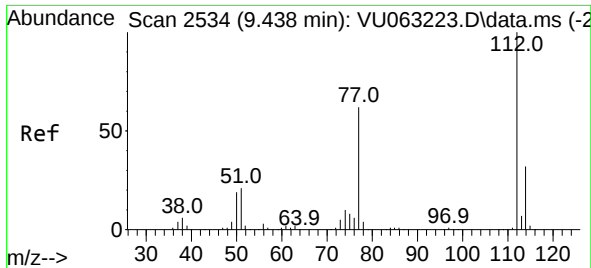
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#58
Tetrachloroethene
Concen: 0.292 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

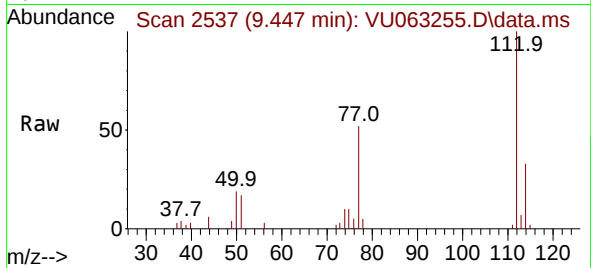
Tgt Ion:164 Resp: 3324
Ion Ratio Lower Upper
164 100
166 121.0 101.4 152.0
129 92.4 77.0 115.4
131 92.9 76.3 114.5





#59
Chlorobenzene
Concen: 0.269 ug/l
RT: 9.447 min Scan# 2537
Delta R.T. 0.009 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

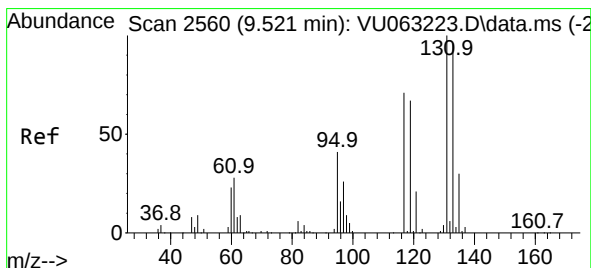
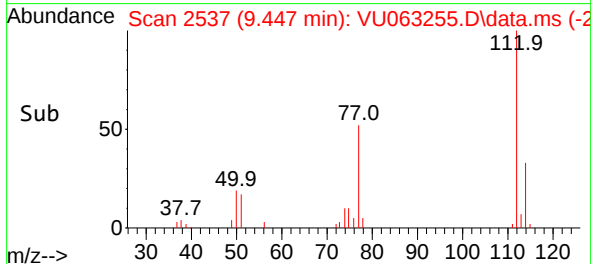
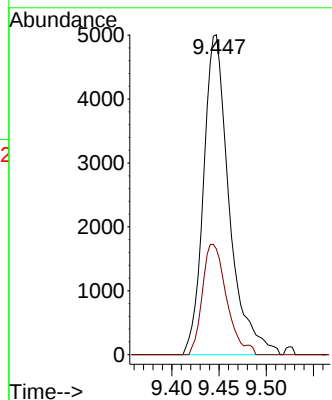
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:112 Resp: 9470
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5

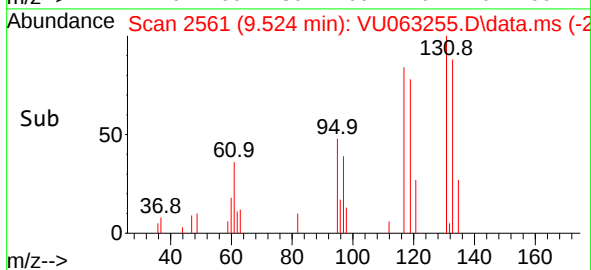
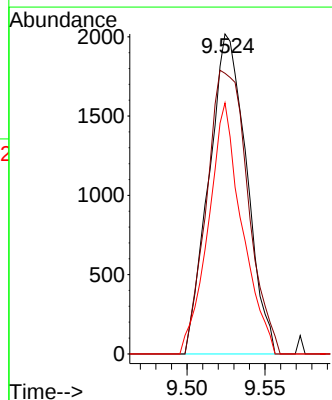
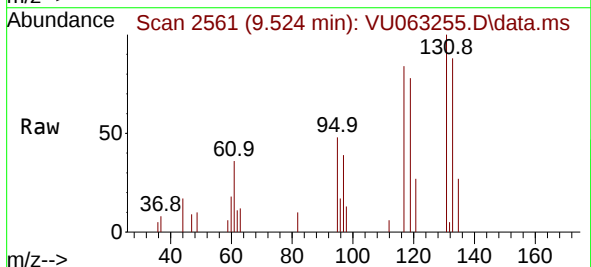
Manual Integrations
APPROVED

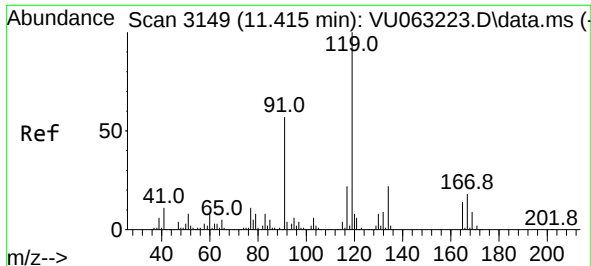
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 0.267 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion:131 Resp: 3380
Ion Ratio Lower Upper
131 100
133 97.1 76.7 115.1
119 70.3 54.4 81.6





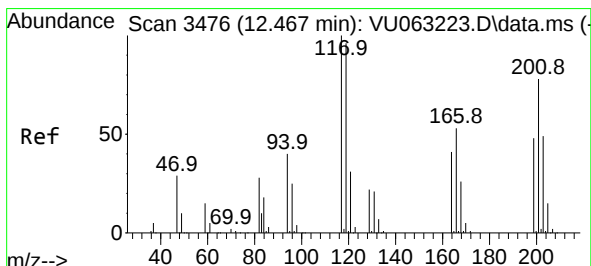
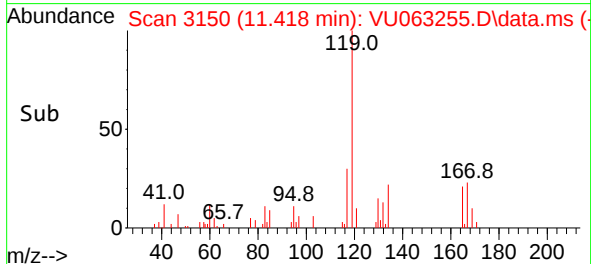
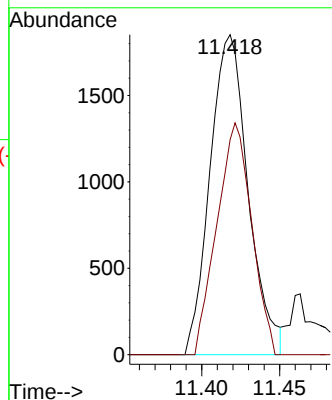
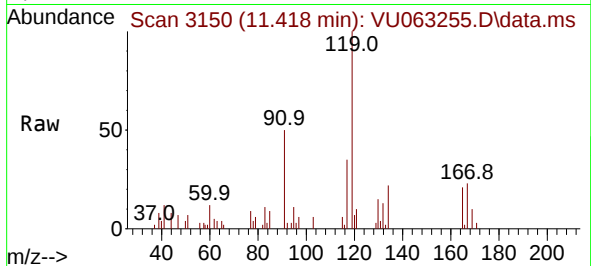
#61
Pentachloroethane
Concen: 0.278 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:117 Resp: 3150
Ion Ratio Lower Upper
117 100
167 66.0 65.0 97.6

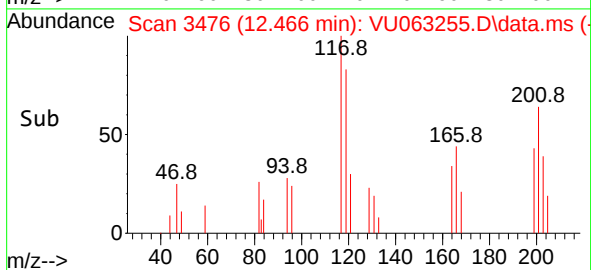
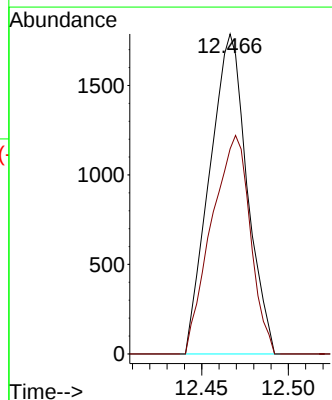
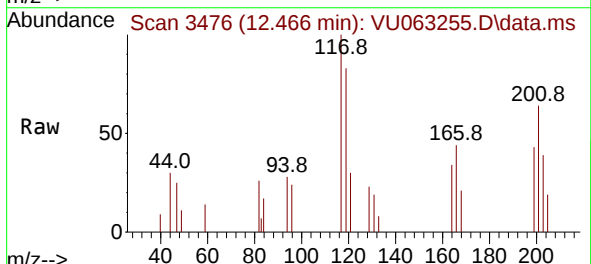
Manual Integrations
APPROVED

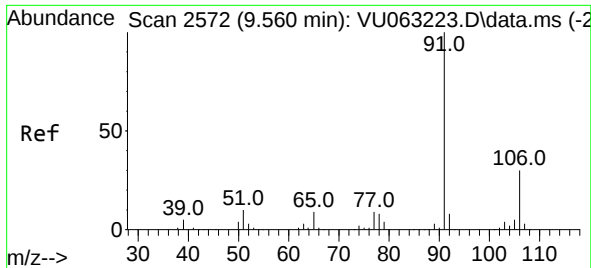
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#62
Hexachloroethane
Concen: 0.268 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion:117 Resp: 2679
Ion Ratio Lower Upper
117 100
201 71.0 61.3 91.9





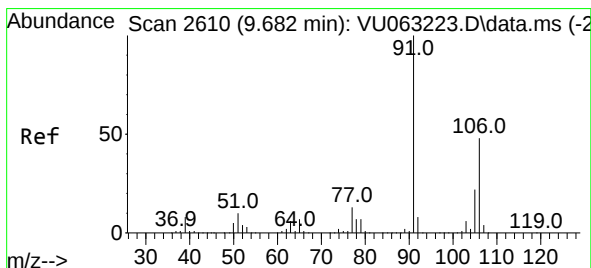
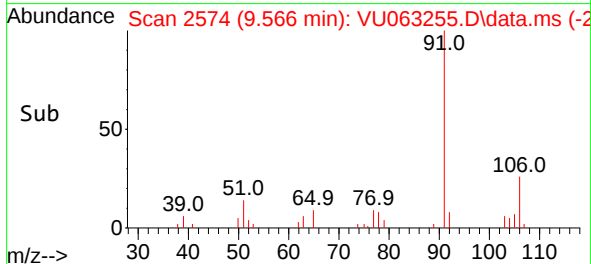
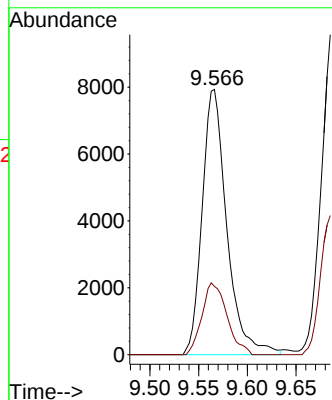
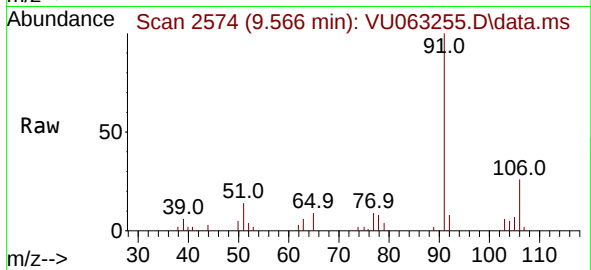
#63
Ethyl Benzene
Concen: 0.229 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 91 Resp: 1394
Ion Ratio Lower Upper
91 100
106 25.8 24.2 36.2

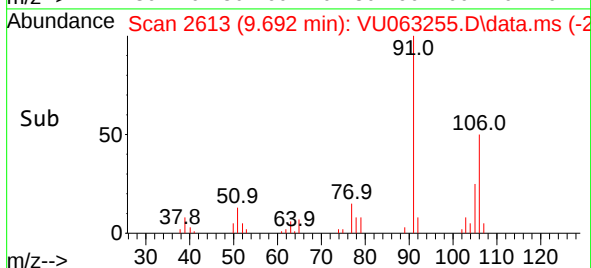
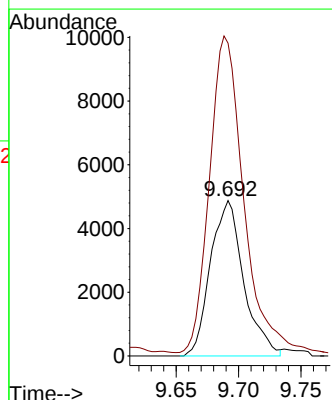
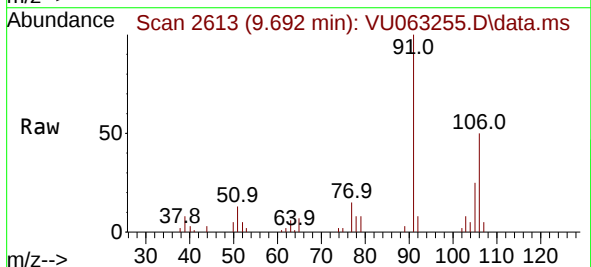
Manual Integrations
APPROVED

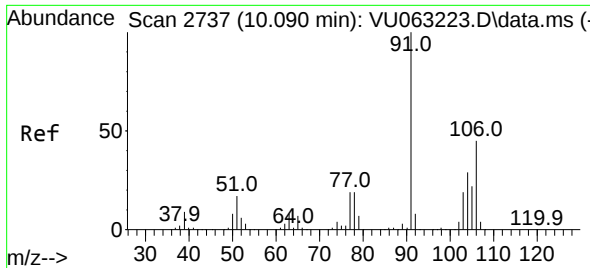
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#64
m/p-Xylenes
Concen: 0.398 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.009 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion:106 Resp: 9050
Ion Ratio Lower Upper
106 100
91 217.9 166.9 250.3





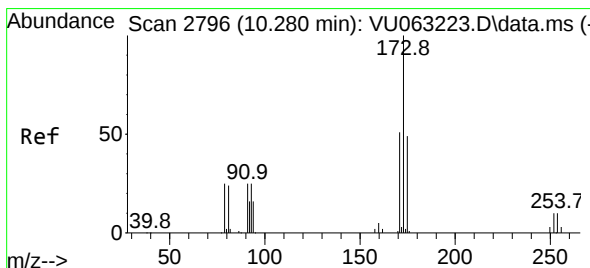
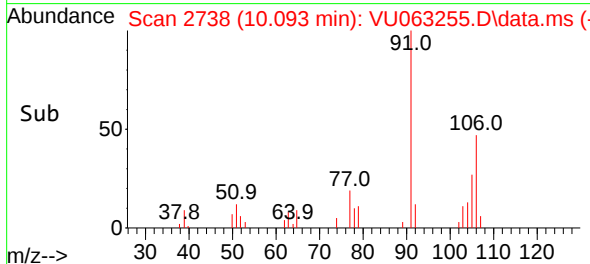
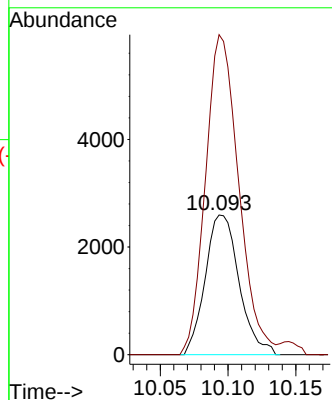
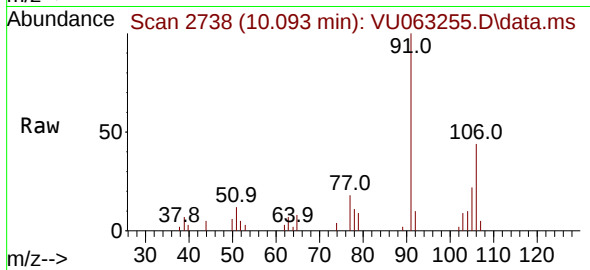
#65
o-Xylene
Concen: 0.203 ug/l
RT: 10.093 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:106 Resp: 4509
Ion Ratio Lower Upper
106 100
91 224.6 110.9 332.9

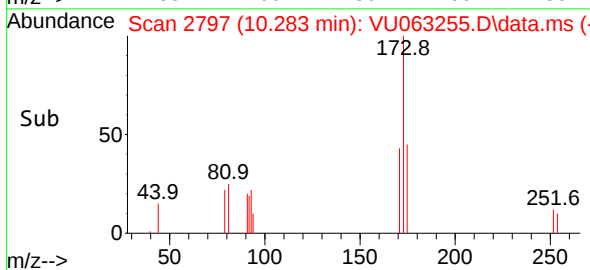
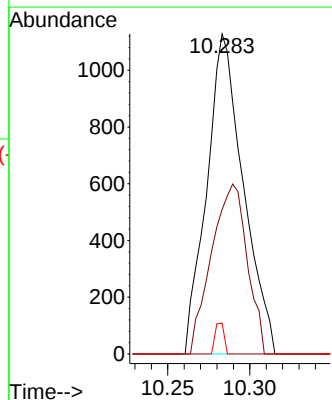
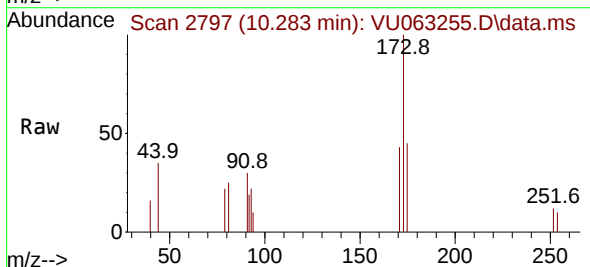
Manual Integrations
APPROVED

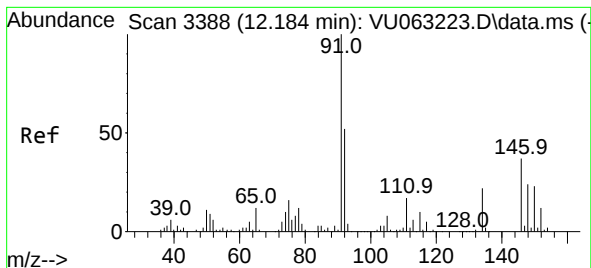
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#67
Bromoform
Concen: 0.257 ug/l
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Tgt Ion:173 Resp: 1739
Ion Ratio Lower Upper
173 100
175 51.9 39.0 58.4
254 2.4 7.7 11.5#





#68

1,2-Dichlorobenzene-d4

Concen: 0.853 ug/l

RT: 12.187 min Scan# 3388

Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

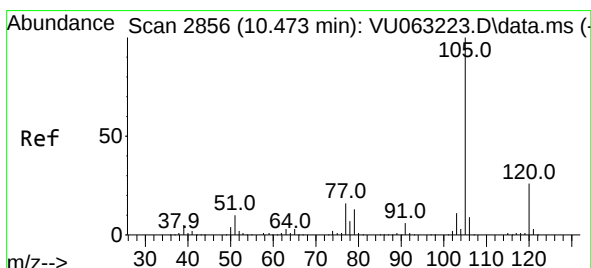
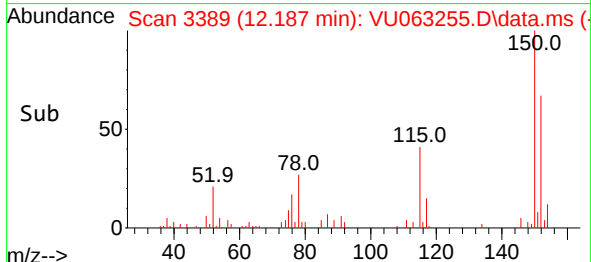
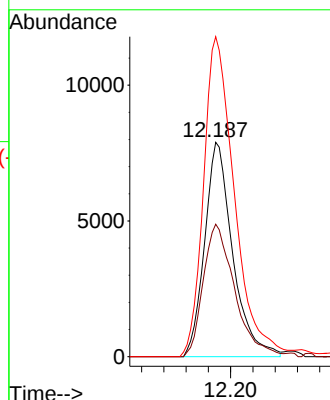
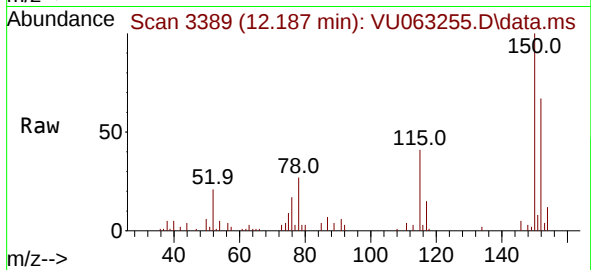
MDL-WATER-03-QT1-2025

Tgt Ion:	152	Resp:	1382
Ion Ratio	Lower	Upper	
152	100		
115	68.9	0.0	275.2
150	164.3	0.0	658.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#69

Isopropylbenzene

Concen: 0.214 ug/l

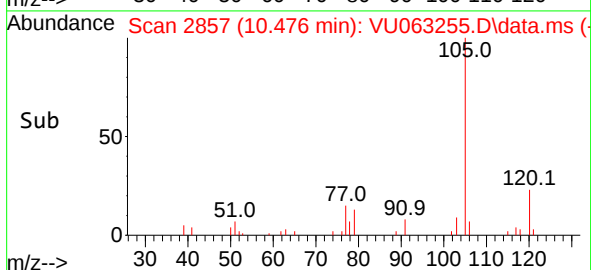
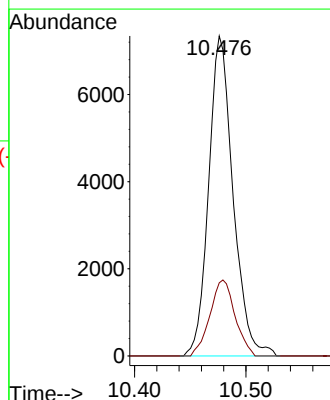
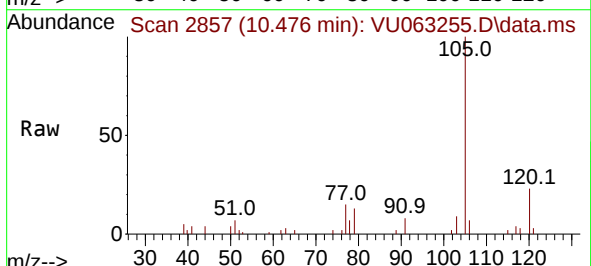
RT: 10.476 min Scan# 2857

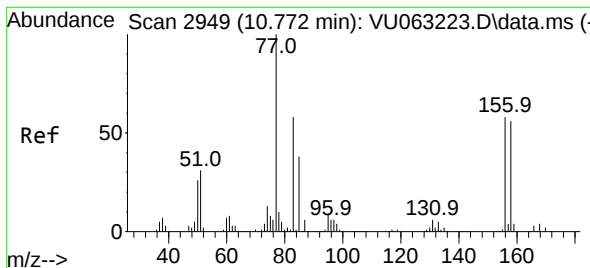
Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Tgt Ion:	105	Resp:	11175
Ion Ratio	Lower	Upper	
105	100		
120	24.4	12.8	38.4





#70

1,1,2,2-Tetrachloroethane

Concen: 0.240 ug/l

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

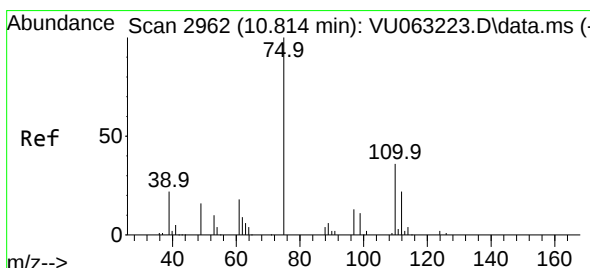
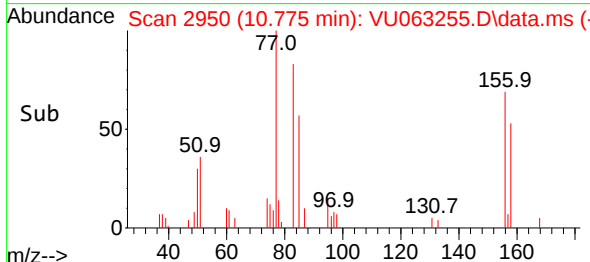
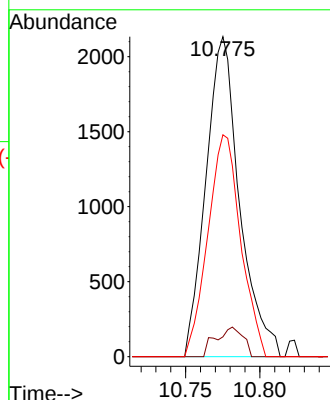
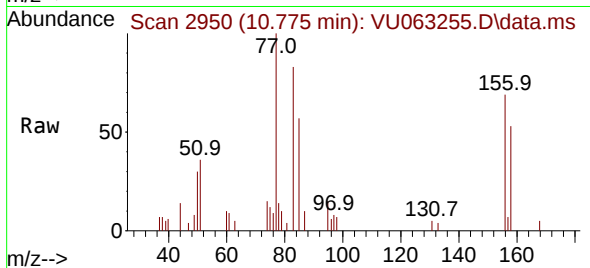
MDL-WATER-03-QT1-2025

Tgt Ion:	83	Resp:	3362
Ion Ratio	Lower	Upper	
83	100		
131	7.4	7.4	11.0
85	67.5	51.8	77.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#71

1,2,3-Trichloropropane

Concen: 0.294 ug/l m

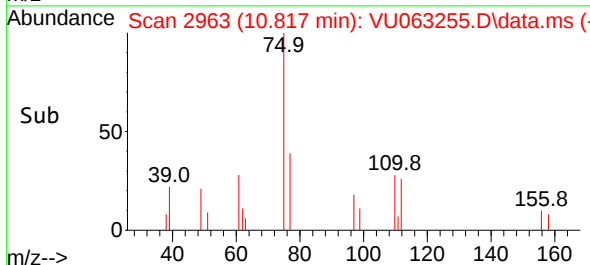
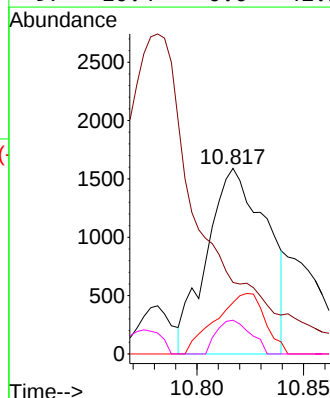
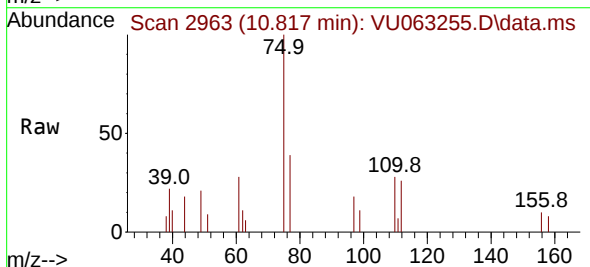
RT: 10.817 min Scan# 2963

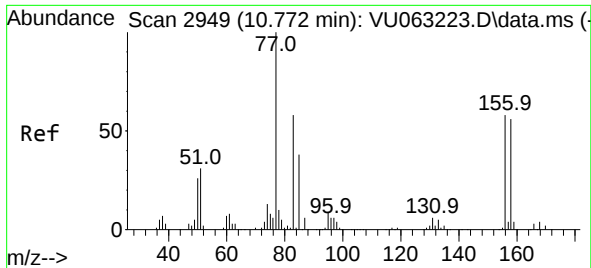
Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

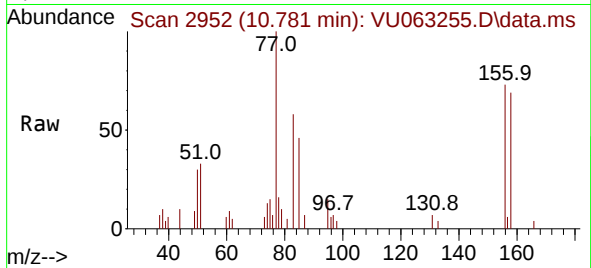
Tgt Ion:	75	Resp:	3094
Ion Ratio	Lower	Upper	
75	100		
77	27.6	0.0	0.0#
110	26.9	0.0	77.0
97	10.4	0.0	42.2





#72
Bromobenzene
Concen: 0.265 ug/l
RT: 10.781 min Scan# 2952
Delta R.T. 0.009 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

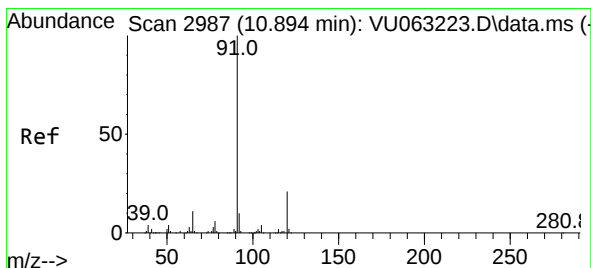
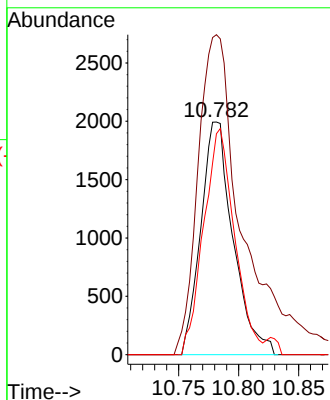
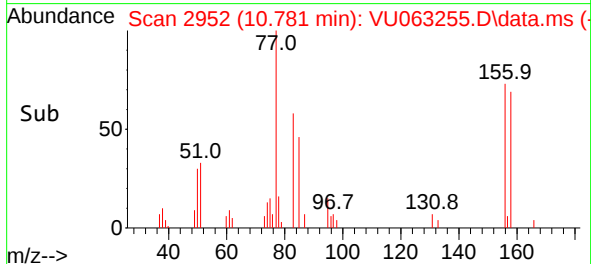
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



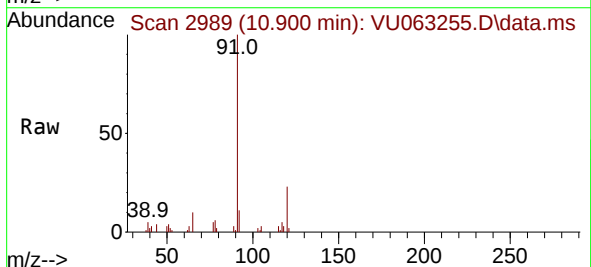
Tgt Ion:156 Resp: 373
Ion Ratio Lower Upper
156 100
77 191.8 0.0 343.6
158 93.4 0.0 193.0

Manual Integrations
APPROVED

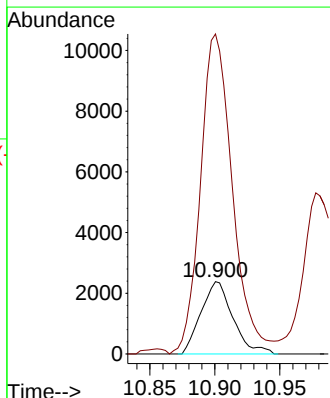
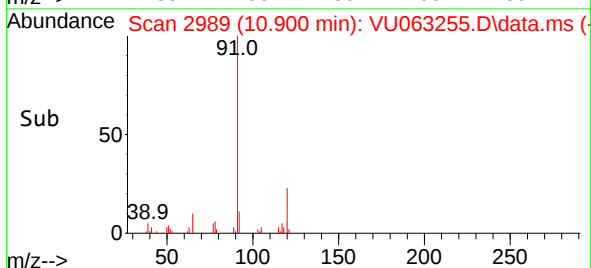
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

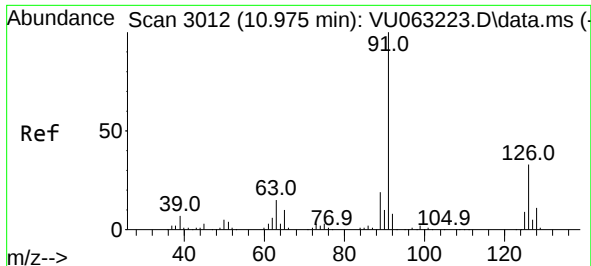


#73
n-propylbenzene
Concen: 0.271 ug/l
RT: 10.900 min Scan# 2989
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30



Tgt Ion:120 Resp: 4061
Ion Ratio Lower Upper
120 100
91 444.8 369.8 554.6





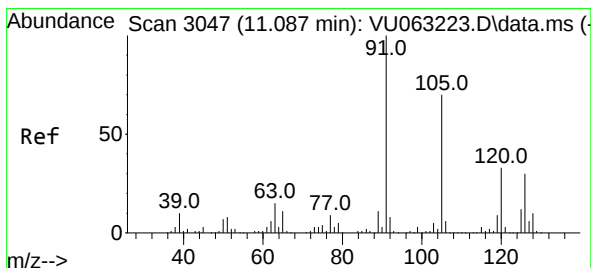
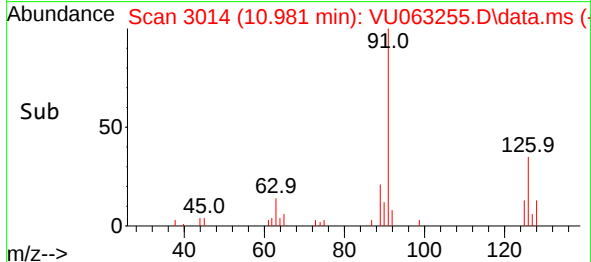
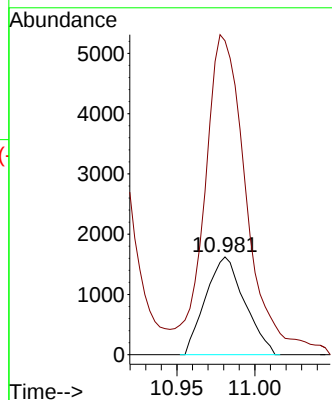
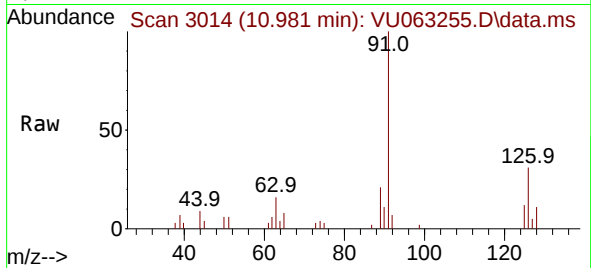
#74
2-Chlorotoluene
Concen: 0.204 ug/l
RT: 10.981 min Scan# 3012
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:126 Resp: 2820
Ion Ratio Lower Upper
126 100
91 350.2 0.0 623.8

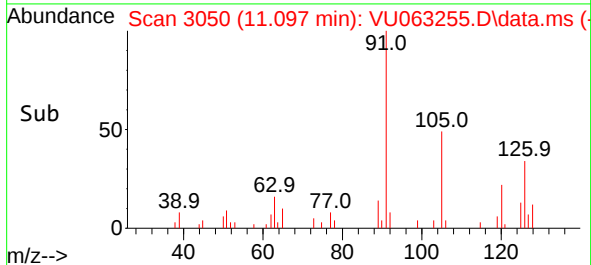
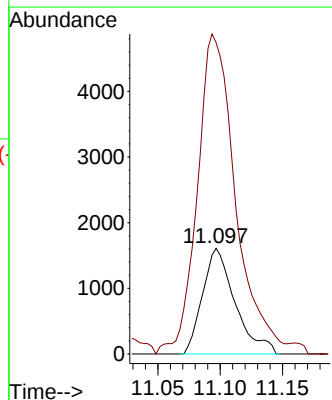
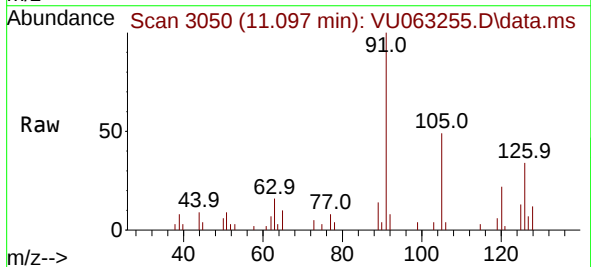
Manual Integrations
APPROVED

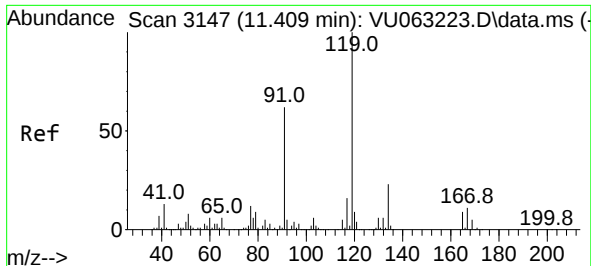
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#76
4-Chlorotoluene
Concen: 0.206 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.009 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

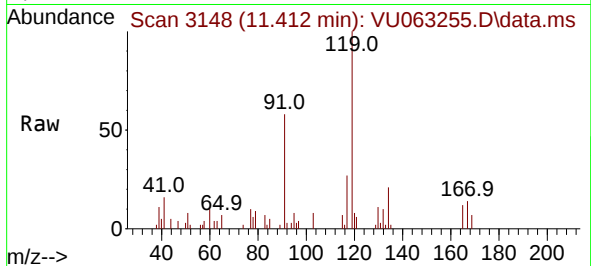
Tgt Ion:126 Resp: 2918
Ion Ratio Lower Upper
126 100
91 357.3 0.0 703.6





#77
tert-Butylbenzene
Concen: 0.213 ug/l
RT: 11.412 min Scan# 3147
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

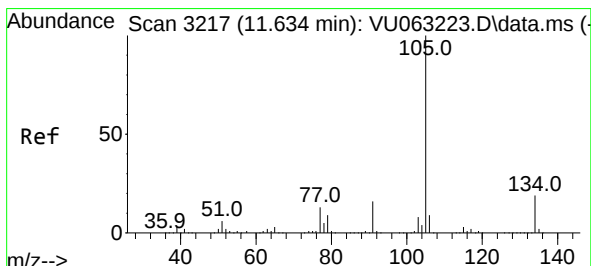
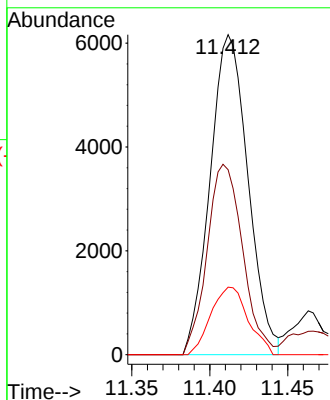
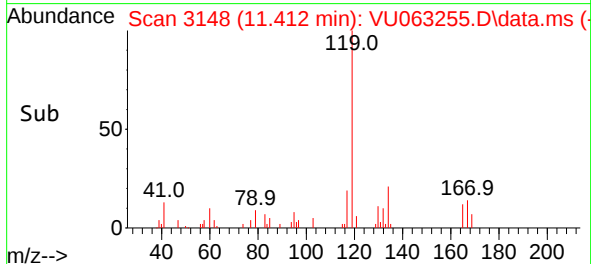
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



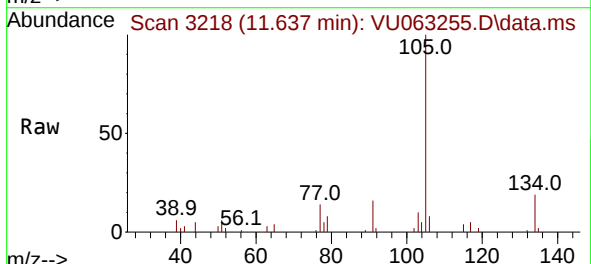
Tgt Ion:119 Resp: 1041
Ion Ratio Lower Upper
119 100
91 55.8 29.4 88.3
134 20.7 17.6 26.4

Manual Integrations
APPROVED

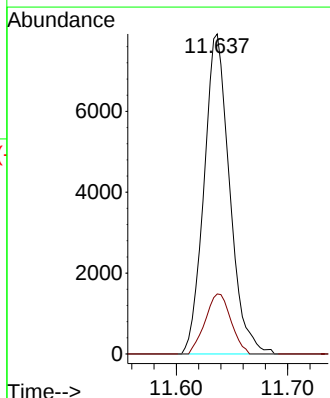
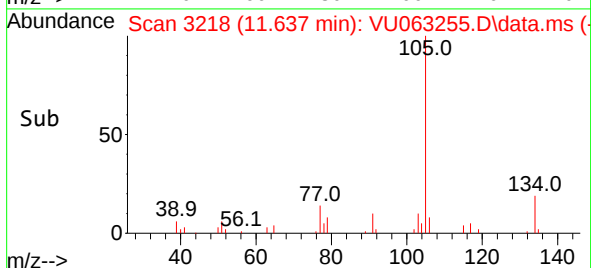
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

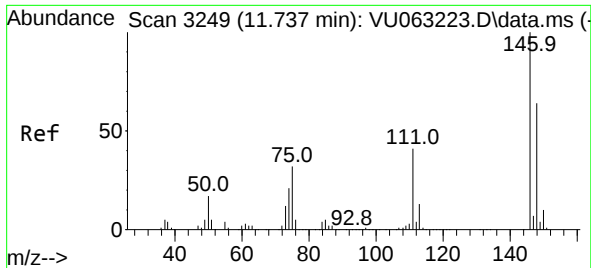


#79
sec-Butylbenzene
Concen: 0.203 ug/l
RT: 11.637 min Scan# 3218
Delta R.T. 0.003 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30



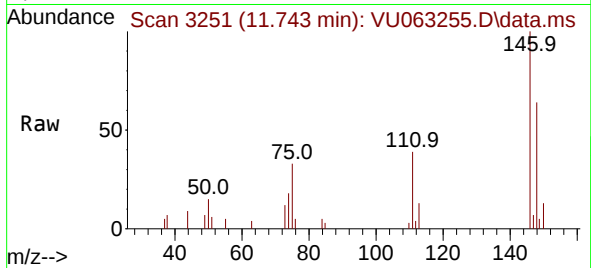
Tgt Ion:105 Resp: 12634
Ion Ratio Lower Upper
105 100
134 18.8 15.1 22.7





#82
1,3-Dichlorobenzene
Concen: 0.240 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30

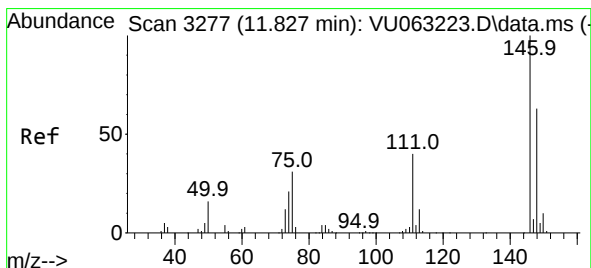
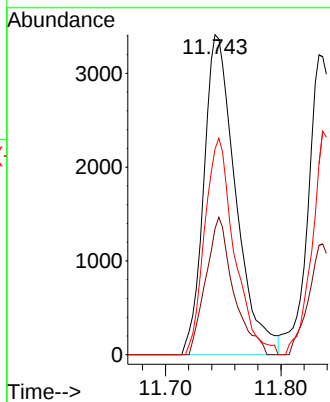
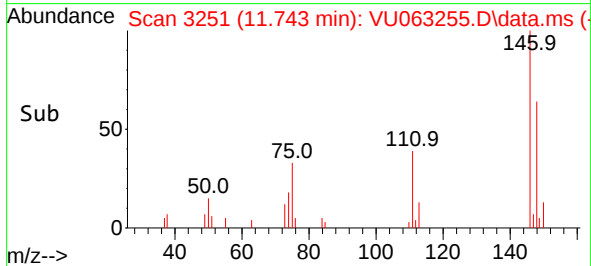
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT1-2025



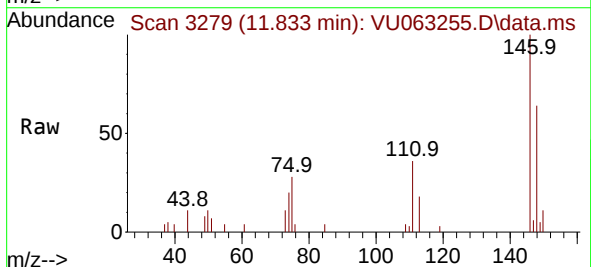
Tgt Ion:146 Resp: 655
Ion Ratio Lower Upper
146 100
111 37.3 32.8 49.2
148 62.9 51.1 76.7

Manual Integrations
APPROVED

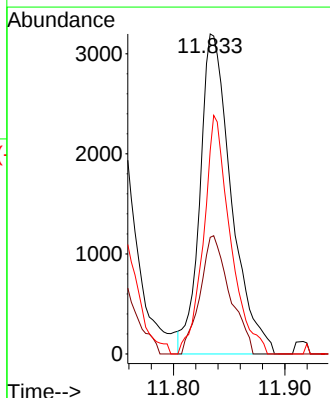
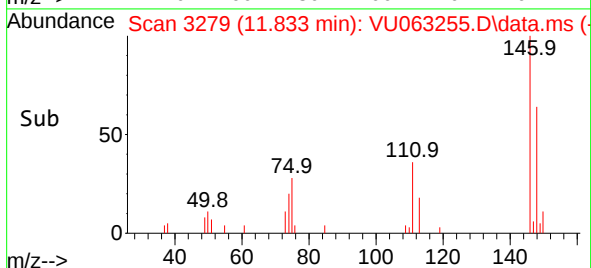
Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025

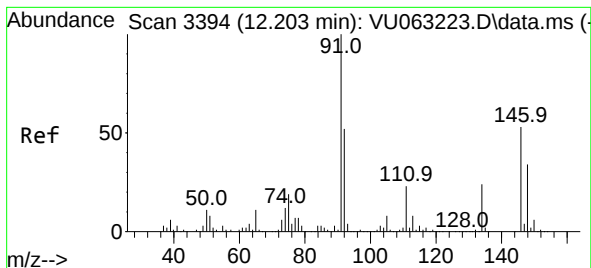


#83
1,4-Dichlorobenzene
Concen: 0.234 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.006 min
Lab File: VU063255.D
Acq: 12 Feb 2025 15:30



Tgt Ion:146 Resp: 6258
Ion Ratio Lower Upper
146 100
111 34.9 32.1 48.1
148 63.8 50.2 75.4





#85

1,2-Dichlorobenzene

Concen: 0.237 ug/l

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT1-2025

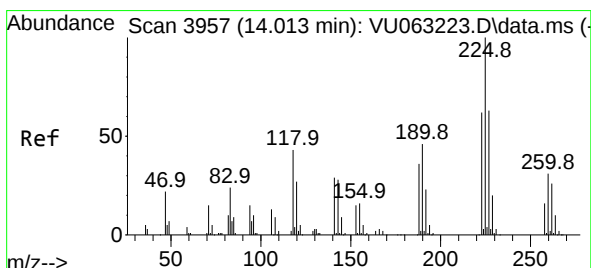
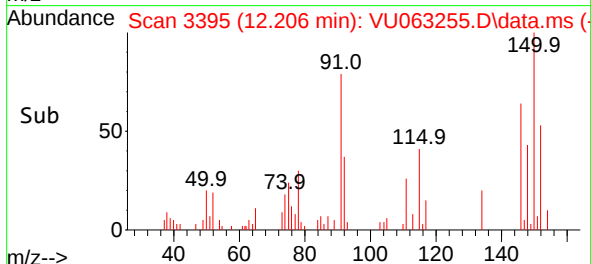
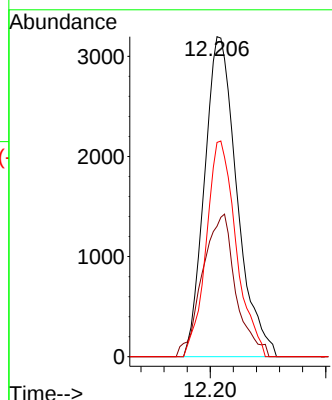
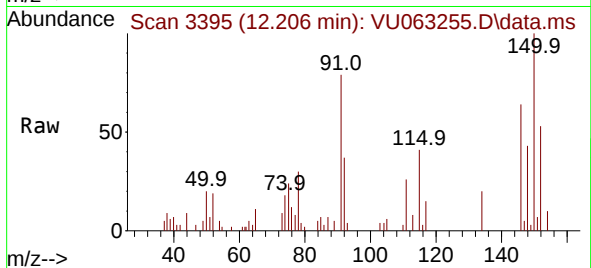
Tgt Ion:146 Resp: 6220

Ion	Ratio	Lower	Upper
146	100		
111	45.7	21.9	65.7
148	62.2	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2025
Supervised By :Mahesh Dadoda 02/17/2025



#88

Hexachlorobutadiene

Concen: 0.255 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063255.D

Acq: 12 Feb 2025 15:30

Tgt Ion:225 Resp: 2333

Ion	Ratio	Lower	Upper
225	100		
223	68.4	49.5	74.3
227	70.9	51.0	76.4

