

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020124\
 Data File : VU057772.D
 Acq On : 01 Feb 2024 12:07
 Operator : MD/SY
 Sample : P1187-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Quant Time: Feb 02 01:21:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 01:21:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

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

Internal Standards						
1) Fluorobenzene	6.110	96	40102	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	14307	0.942	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12769	0.934	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	3126	0.234	ug/l	99
3) Chloromethane	1.515	50	3567	0.278	ug/l	97
4) Vinyl Chloride	1.599	62	3120	0.239	ug/l	89
5) Bromomethane	1.853	94	2190	0.282	ug/l	81
6) Chloroethane	1.930	64	1850	0.224	ug/l	99
7) Trichlorofluoromethane	2.132	101	4271	0.213	ug/l #	80
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	2324	0.226	ug/l	98
9) 1,1-Dichloroethene	2.576	96	2344	0.235	ug/l	85
10) Iodomethane	2.714	142	2690	0.228	ug/l	97
11) Allyl Chloride	2.917	41	3504	0.259	ug/l	87
12) Acrylonitrile	3.357	53	559m	0.329	ug/l	
13) Acetone	2.657	43	3506	1.139	ug/l #	83
14) Carbon Disulfide	2.785	76	7625	0.239	ug/l	99
15) Methylene Chloride	3.039	84	4253	0.357	ug/l	98
16) trans-1,2-Dichloroethene	3.345	96	2572	0.236	ug/l	91
17) 1,1-Dichloroethane	3.862	63	4897	0.238	ug/l #	83
18) 2-Butanone	4.772	43	4216m	1.271	ug/l	
19) Cyclohexane	5.380	56	4157	0.258	ug/l	97
20) Methylcyclohexane	6.759	83	4125	0.212	ug/l	93
21) 2,2-Dichloropropane	4.656	77	4187	0.230	ug/l #	90
22) cis-1,2-Dichloroethene	4.666	96	2764	0.232	ug/l	88
23) Diethyl Ether	2.367	59	1780	0.247	ug/l #	84
24) tert-Butyl Alcohol	3.284	59	1356m	1.658	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	5441	0.233	ug/l	93
27) Chloroform	5.078	83	5293	0.248	ug/l	100
28) 1,1,1-Trichloroethane	5.309	97	4626	0.240	ug/l	95
29) 1,1-Dichloropropene	5.525	75	3338	0.214	ug/l	99
30) Carbon Tetrachloride	5.518	117	3812	0.229	ug/l	94
31) Isopropyl Ether	3.984	45	7244	0.241	ug/l	92
32) Ethyl-t-butyl ether	4.486	59	6549	0.235	ug/l	100
33) Tert-Amyl methyl ether	5.936	73	5517	0.235	ug/l	97
34) Propionitrile	4.856	54	228m	0.332	ug/l	
35) Benzene	5.775	78	10113	0.225	ug/l	98
36) 1,2-Dichloroethane	5.795	62	2917	0.223	ug/l #	84
37) Trichloroethene	6.544	130	2719	0.228	ug/l	87
38) 1,2-Dichloropropane	6.785	63	2590	0.222	ug/l #	88
41) Tetrahydrofuran	5.091	42	568m	0.388	ug/l	
42) 1-Chlorobutane	5.457	56	4999	0.243	ug/l	99
43) Dibromomethane	6.917	93	1168	0.218	ug/l #	66
44) Bromodichloromethane	7.100	83	3521	0.235	ug/l	92
45) 4-Methyl-2-Pentanone	7.798	43	6349	1.112	ug/l	96
46) t-1,4-Dichloro-2-butene	10.836	75	608m	0.469	ug/l	
47) Methyl methacrylate	6.975	69	2022	0.427	ug/l	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Toluene	7.968	92	6183	0.225	ug/l	97
50) t-1,3-Dichloropropene	8.209	75	2803	0.216	ug/l	93
51) cis-1,3-Dichloropropene	7.605	75	3493	0.213	ug/l #	86
52) 1,1,2-Trichloroethane	8.396	97	1521	0.206	ug/l #	85
53) 1,3-Dichloropropane	8.573	76	3129	0.236	ug/l	98
54) 2-Hexanone	8.695	43	6599	1.256	ug/l	80
55) Dibromochloromethane	8.807	129	1979	0.217	ug/l	91
56) 1,2-Dibromoethane	8.926	107	1420	0.209	ug/l	90
58) Tetrachloroethene	8.553	164	2327	0.221	ug/l	91
59) Chlorobenzene	9.447	112	6965	0.230	ug/l	98
61) Pentachloroethane	11.421	117	1614	0.216	ug/l	95
63) Ethyl Benzene	9.569	91	11889	0.220	ug/l	95
64) m/p-Xylenes	9.692	106	8711	0.445	ug/l	93
65) o-Xylene	10.097	106	4145	0.214	ug/l	91
66) Styrene	10.119	104	6050	0.209	ug/l	93
69) Isopropylbenzene	10.479	105	11646	0.229	ug/l	95
72) Bromobenzene	10.782	156	2519	0.225	ug/l	82
73) n-propylbenzene	10.904	120	3230	0.253	ug/l	92
74) 2-Chlorotoluene	10.981	126	2666	0.225	ug/l	99
75) 1,3,5-Trimethylbenzene	11.087	105	9330	0.214	ug/l	97
76) 4-Chlorotoluene	11.097	126	2518	0.211	ug/l	83
77) tert-Butylbenzene	11.415	119	9561	0.233	ug/l	98
78) 1,2,4-Trimethylbenzene	11.467	105	9920	0.224	ug/l	98
79) sec-Butylbenzene	11.637	105	12374	0.236	ug/l	99
80) Nitrobenzene	13.228	77	44	0.243	ug/l #	40
81) p-Isopropyltoluene	11.791	119	9827	0.222	ug/l	97
82) 1,3-Dichlorobenzene	11.746	146	5096	0.225	ug/l	96
83) 1,4-Dichlorobenzene	11.836	146	5349	0.242	ug/l	99
84) n-Butylbenzene	12.209	91	10082	0.239	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	4804	0.234	ug/l	91
87) 1,2,4-Trichlorobenzene	13.846	180	3615	0.295	ug/l	92
88) Hexachlorobutadiene	14.013	225	2168	0.275	ug/l	90
89) Naphthalene	14.093	128	6445	0.340	ug/l #	93
90) 1,2,3-Trichlorobenzene	14.328	180	3322	0.326	ug/l	97

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



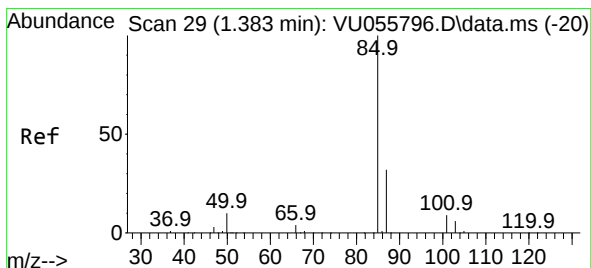
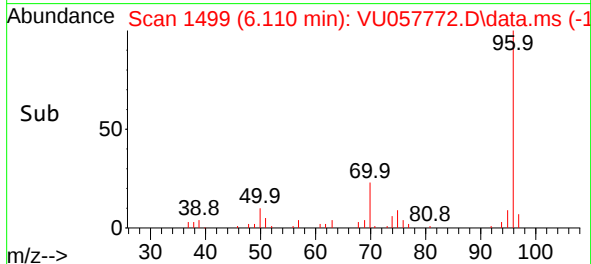
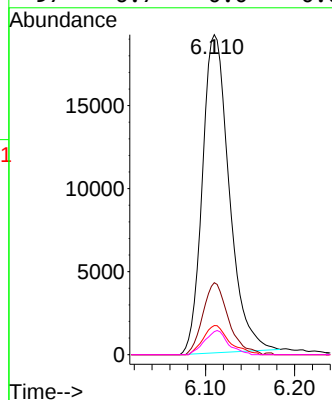
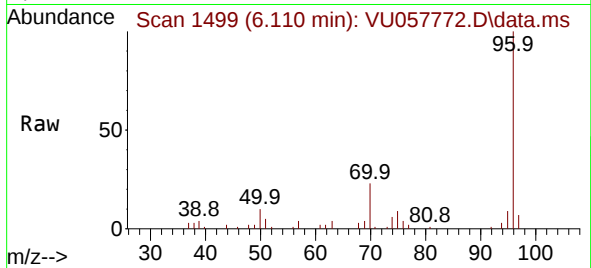
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 96	Resp: 4010
Ion Ratio	Lower Upper
96 100	
70 21.5	16.5 24.7
95 8.9	7.4 11.0
97 6.7	0.0 0.0

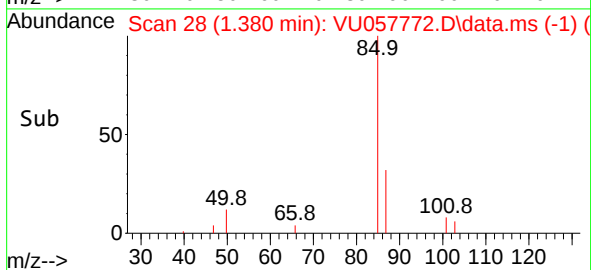
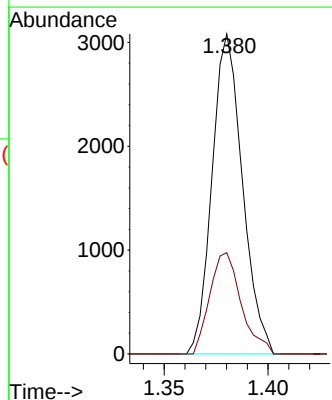
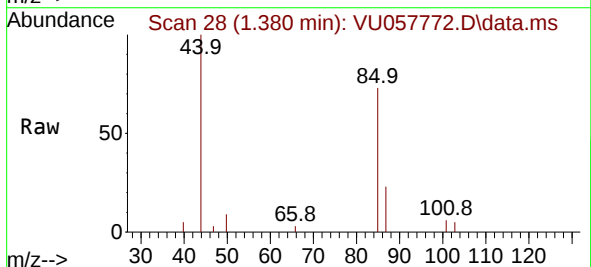
Manual Integrations
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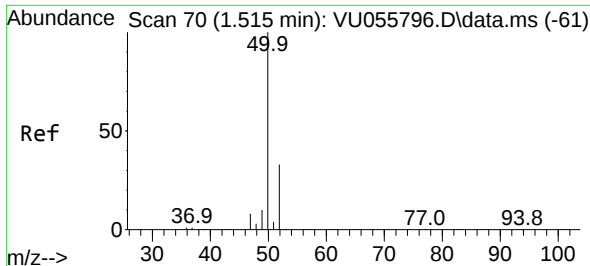
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#2
Dichlorodifluoromethane
Concen: 0.234 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

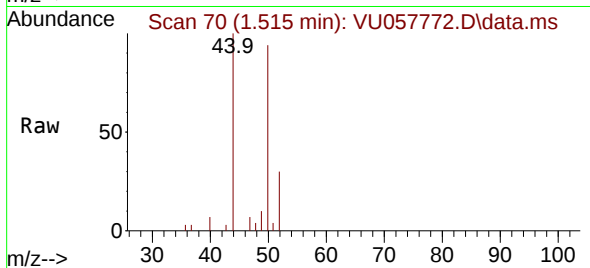
Tgt Ion: 85	Resp: 3126
Ion Ratio	Lower Upper
85 100	
87 31.7	16.2 48.6





#3
Chloromethane
Concen: 0.278 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

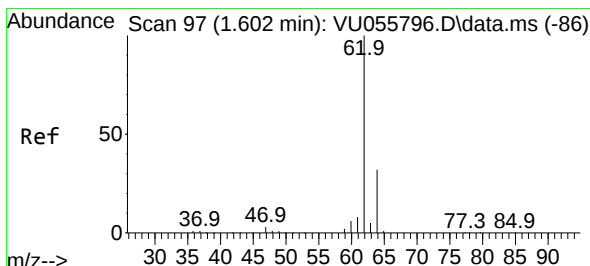
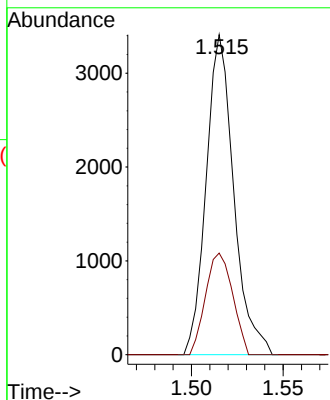
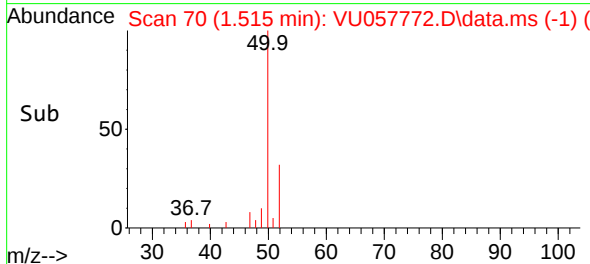
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 50 Resp: 356
Ion Ratio Lower Upper
50 100
52 31.8 26.6 40.0

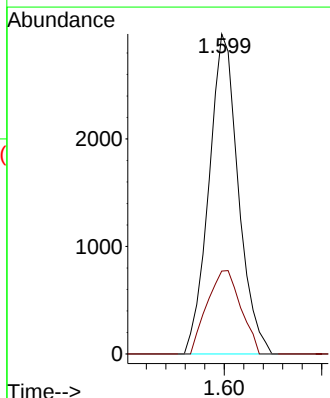
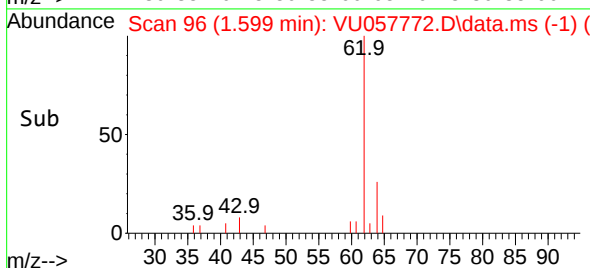
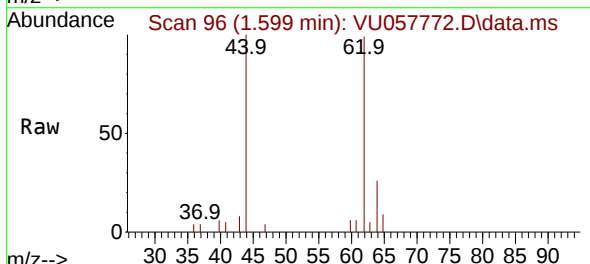
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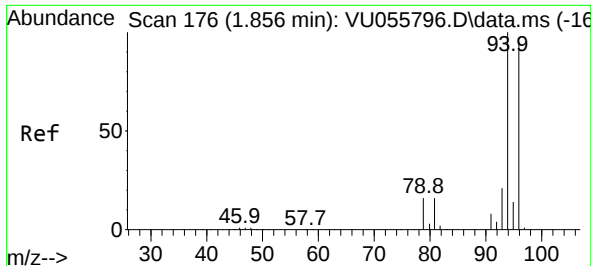
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#4
Vinyl Chloride
Concen: 0.239 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

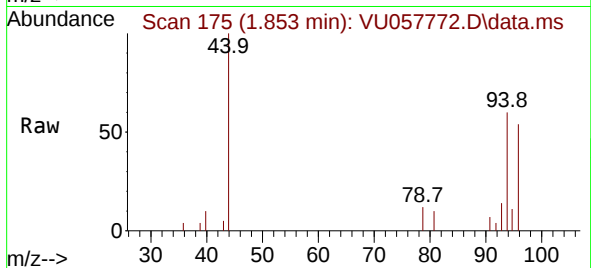
Tgt Ion: 62 Resp: 3120
Ion Ratio Lower Upper
62 100
64 25.9 25.4 38.2





#5
Bromomethane
Concen: 0.282 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

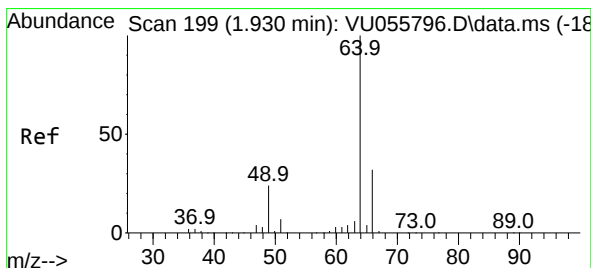
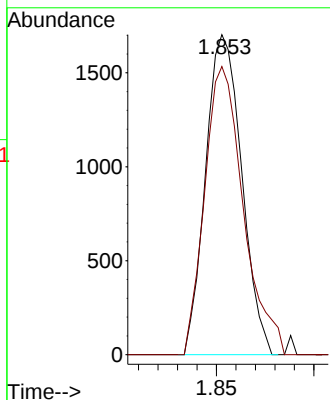
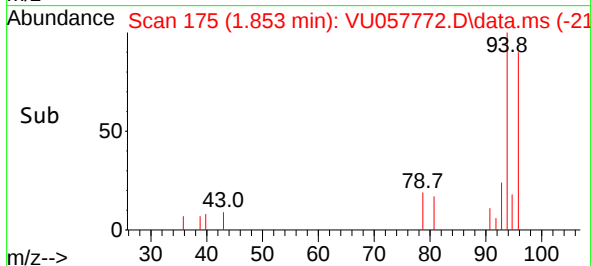
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 94 Resp: 2190
Ion Ratio Lower Upper
94 100
96 76.4 75.4 113.2

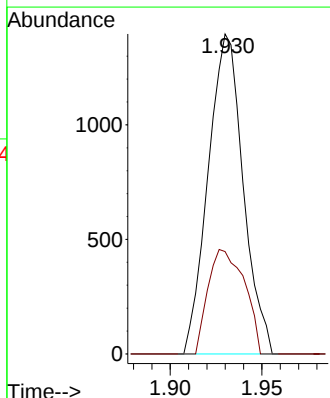
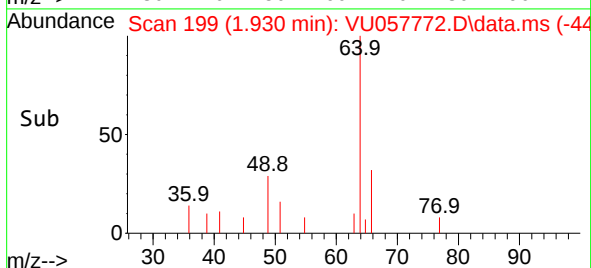
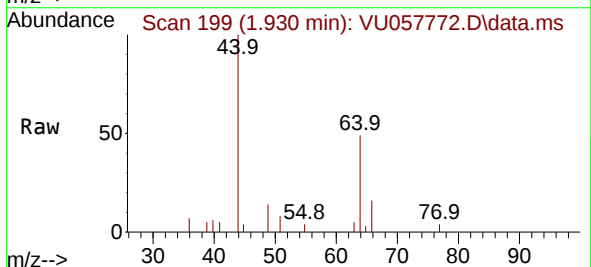
Manual Integrations
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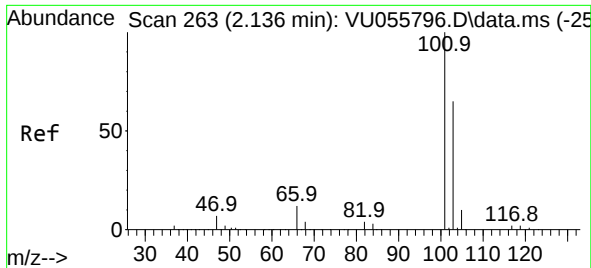
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#6
Chloroethane
Concen: 0.224 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

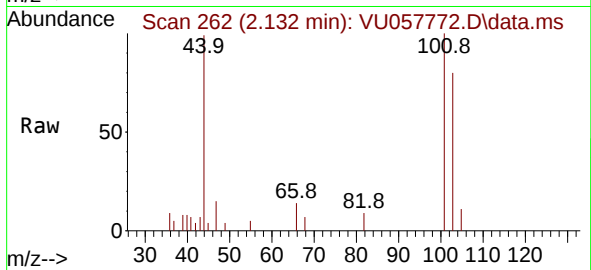
Tgt Ion: 64 Resp: 1850
Ion Ratio Lower Upper
64 100
66 32.0 26.0 39.0





#7
Trichlorofluoromethane
Concen: 0.213 ug/l
RT: 2.132 min Scan# 210
Delta R.T. -0.004 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

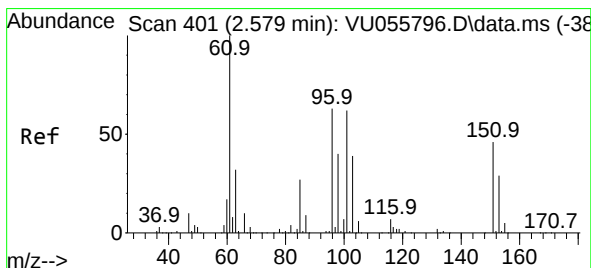
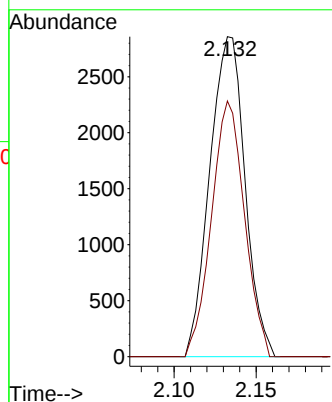
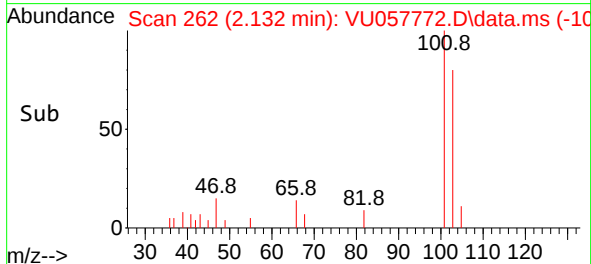
Instrument :
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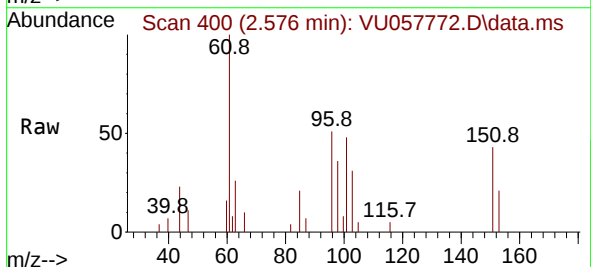
Tgt Ion:101 Resp: 427
Ion Ratio Lower Upper
101 100
103 79.9 51.4 77.0

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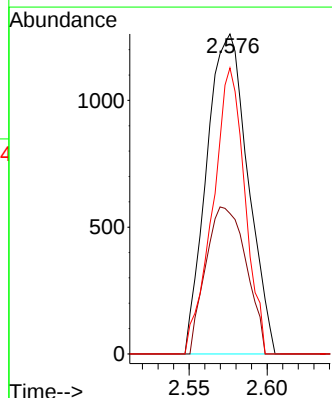
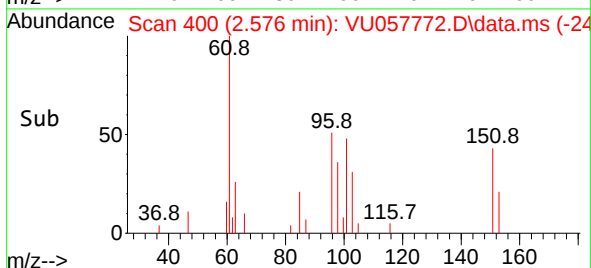
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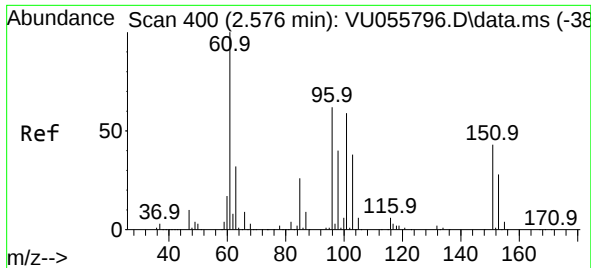


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.226 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07



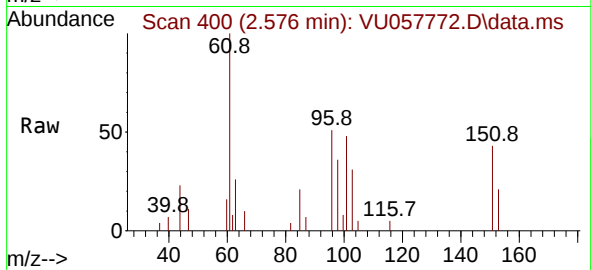
Tgt Ion:101 Resp: 2324
Ion Ratio Lower Upper
101 100
85 44.9 35.4 53.0
151 69.8 54.0 81.0





#9
1,1-Dichloroethene
Concen: 0.235 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057772.D
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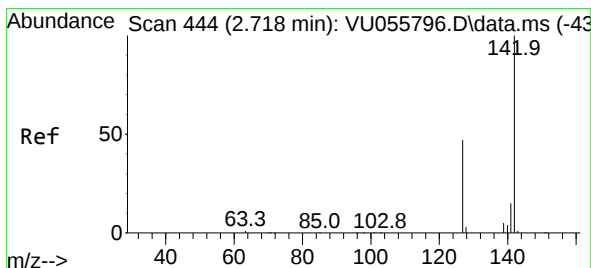
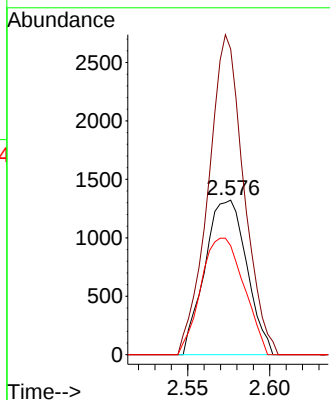
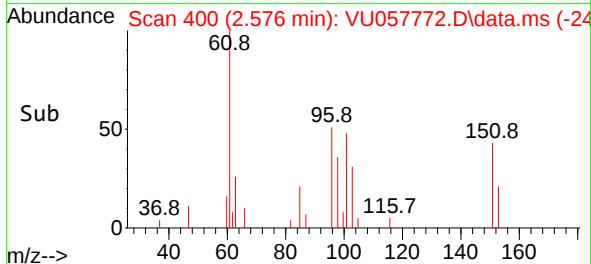
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 96 Resp: 2344
Ion Ratio Lower Upper
96 100
61 197.8 0.0 521.4
98 70.5 0.0 125.8

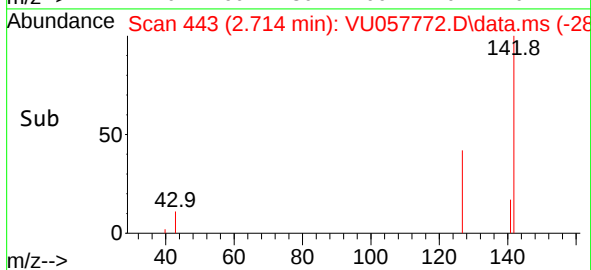
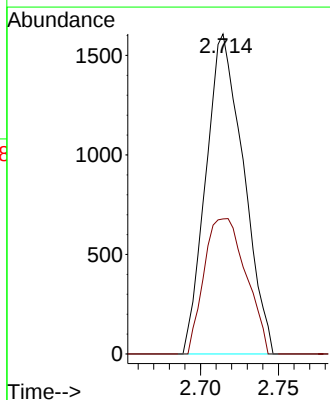
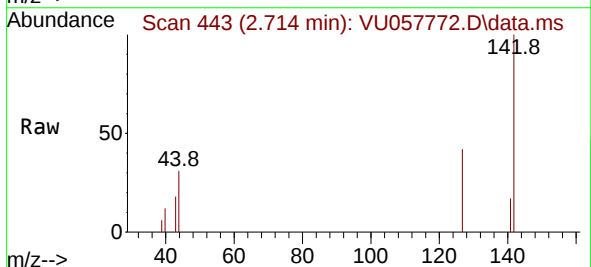
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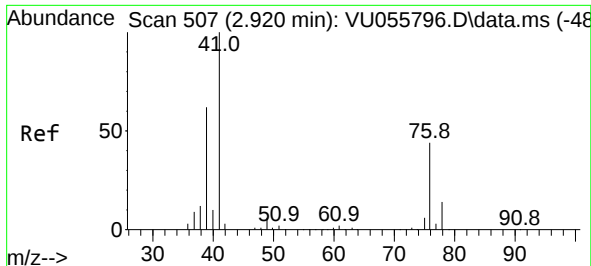
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#10
Iodomethane
Concen: 0.228 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.004 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

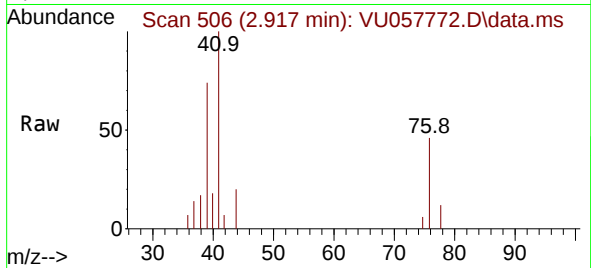
Tgt Ion:142 Resp: 2690
Ion Ratio Lower Upper
142 100
127 47.2 35.9 53.9





#11
 Allyl Chloride
 Concen: 0.259 ug/l
 RT: 2.917 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VU057772.D
 Acq: 01 Feb 2024 12:07

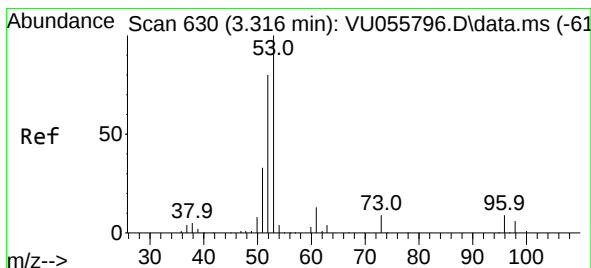
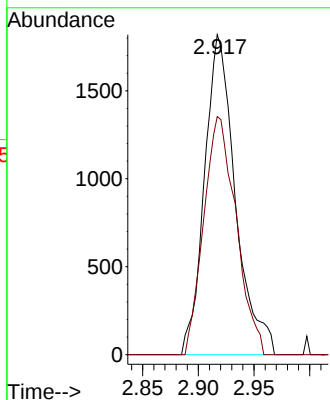
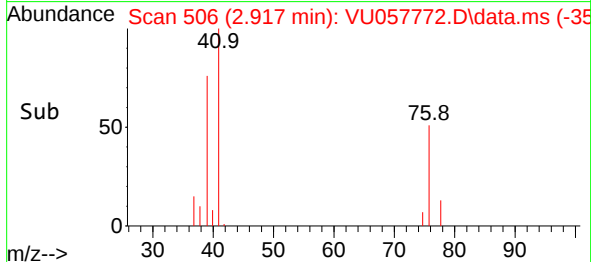
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 41 Resp: 3504
 Ion Ratio Lower Upper
 41 100
 39 78.1 54.2 81.2

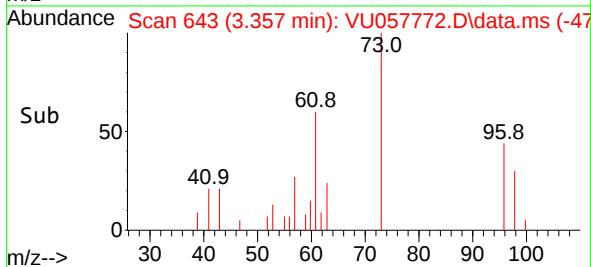
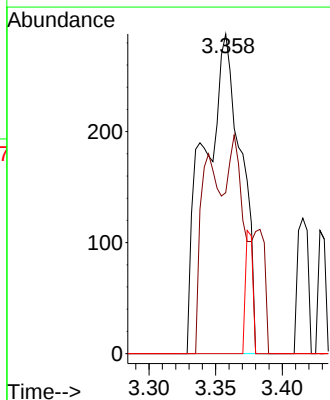
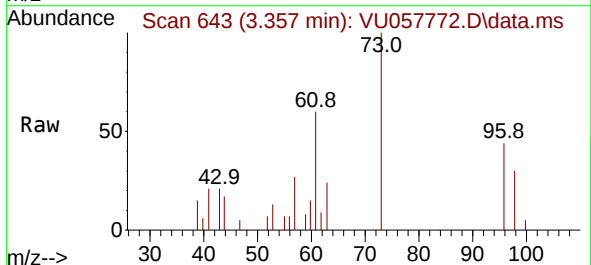
Manual Integrations
 APPROVED

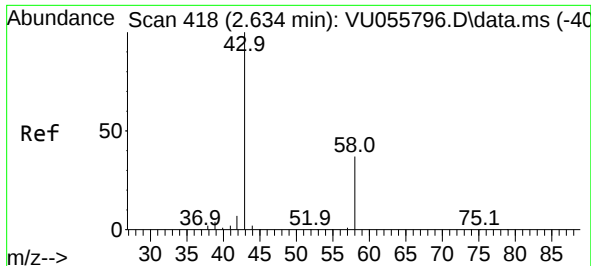
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#12
 Acrylonitrile
 Concen: 0.329 ug/l m
 RT: 3.357 min Scan# 643
 Delta R.T. 0.042 min
 Lab File: VU057772.D
 Acq: 01 Feb 2024 12:07

Tgt Ion: 53 Resp: 559
 Ion Ratio Lower Upper
 53 100
 52 32.2 62.9 94.3#
 51 0.0 27.8 41.6#





#13

Acetone

Concen: 1.139 ug/l

RT: 2.657 min Scan# 41

Delta R.T. 0.023 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 43 Resp: 3500

Ion Ratio Lower Upper

43 100

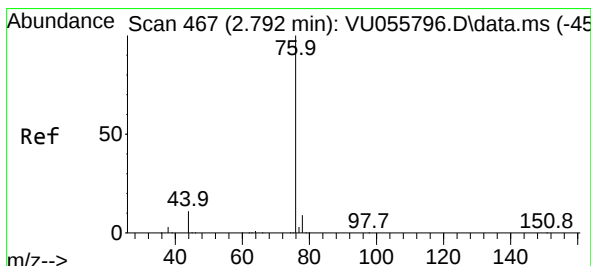
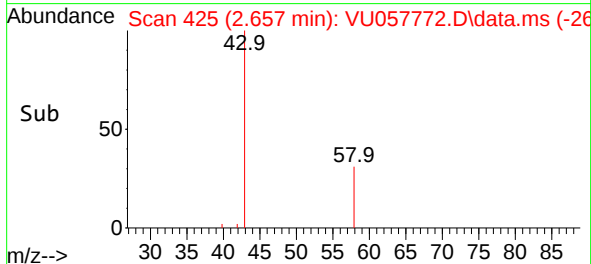
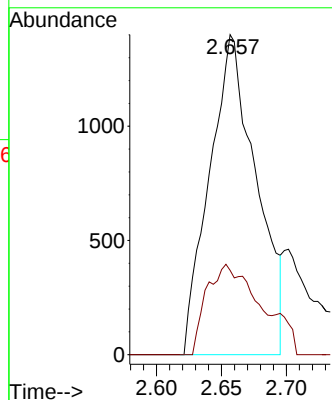
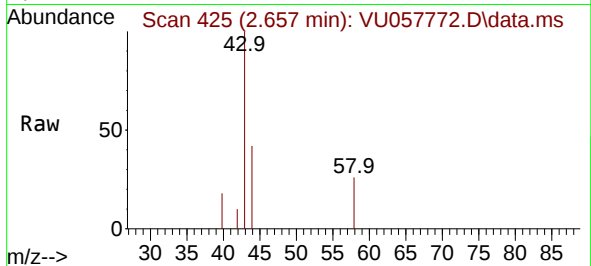
58 26.3 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#14

Carbon Disulfide

Concen: 0.239 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.007 min

Lab File: VU057772.D

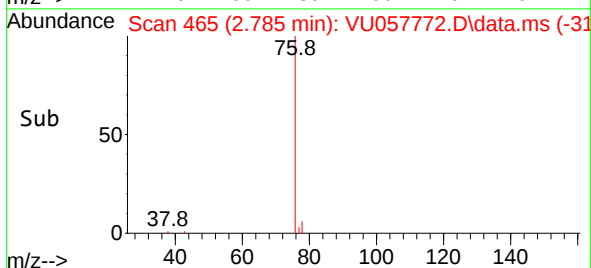
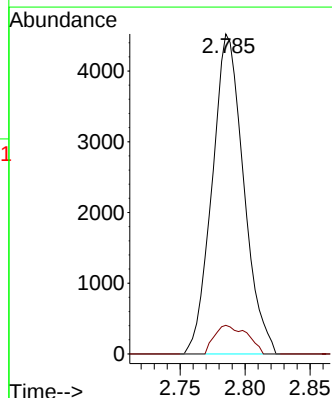
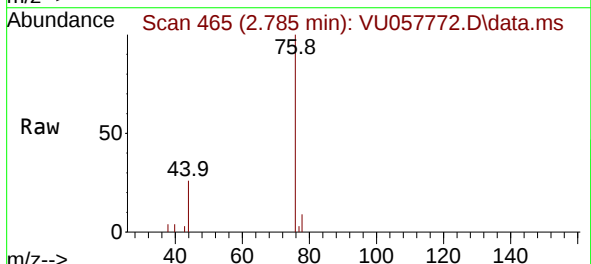
Acq: 01 Feb 2024 12:07

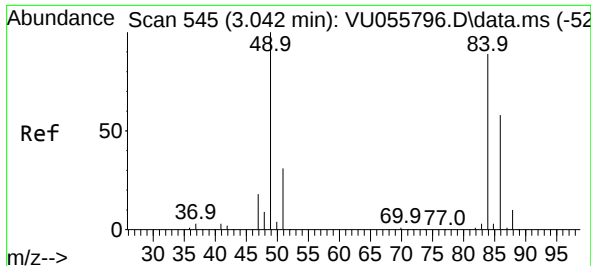
Tgt Ion: 76 Resp: 7625

Ion Ratio Lower Upper

76 100

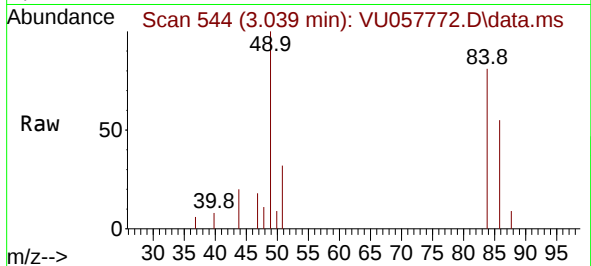
78 9.0 7.4 11.0





#15
Methylene Chloride
Concen: 0.357 ug/l
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

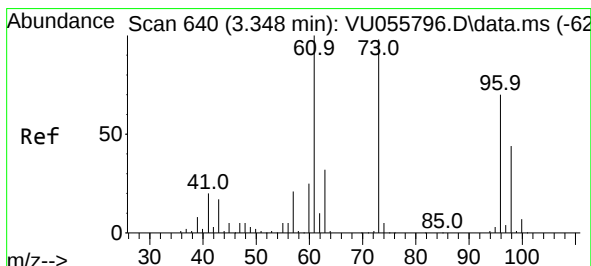
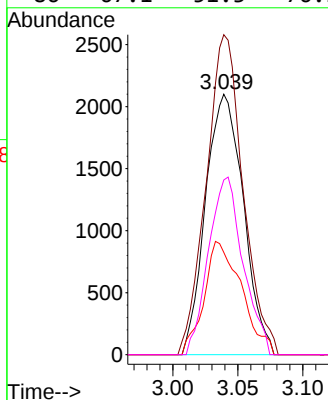
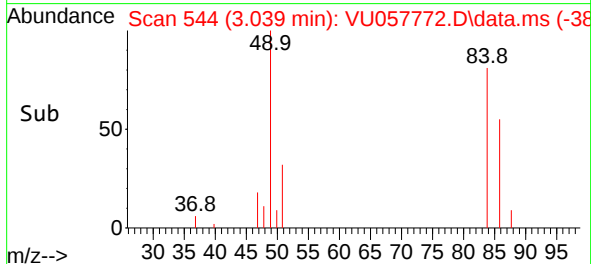
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:	84	Resp:	425
Ion	Ratio	Lower	Upper
84	100		
49	122.9	98.9	148.3
51	39.2	0.0	75.4
86	67.1	51.3	76.9

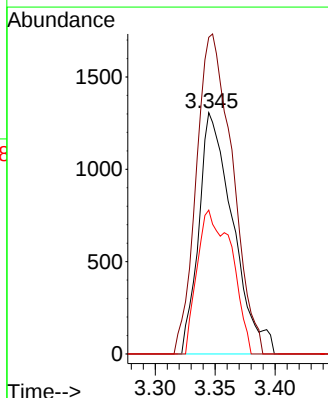
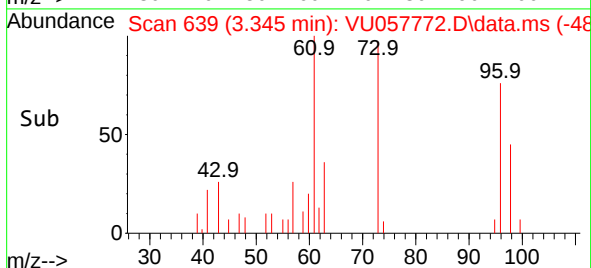
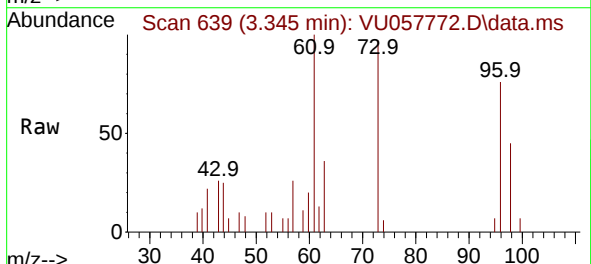
Manual Integrations
APPROVED

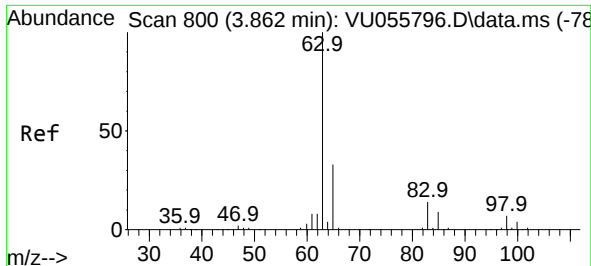
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#16
trans-1,2-Dichloroethene
Concen: 0.236 ug/l
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

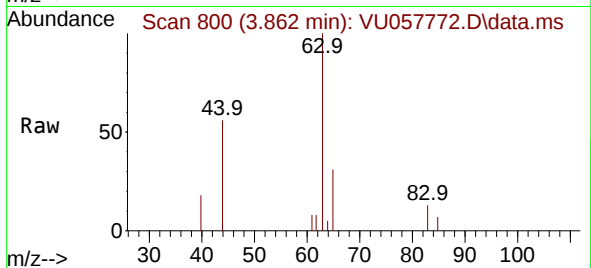
Tgt Ion:	96	Resp:	2572
Ion	Ratio	Lower	Upper
96	100		
61	131.2	117.5	176.3
98	59.6	48.3	72.5





#17
1,1-Dichloroethane
Concen: 0.238 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

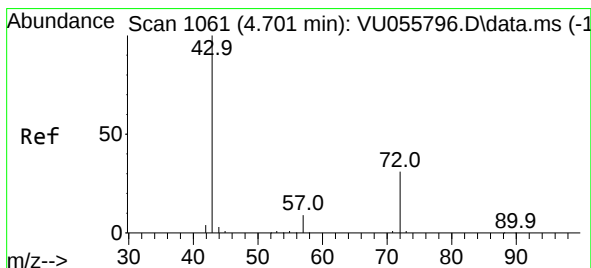
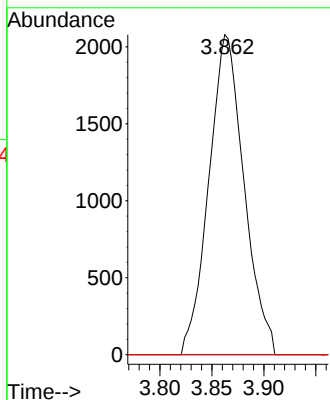
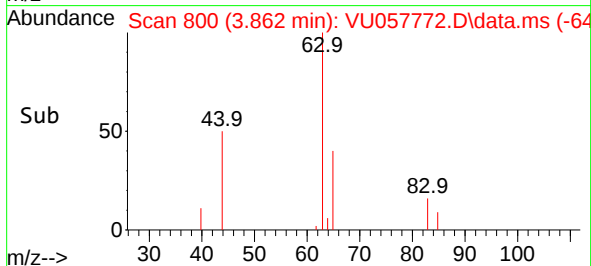
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



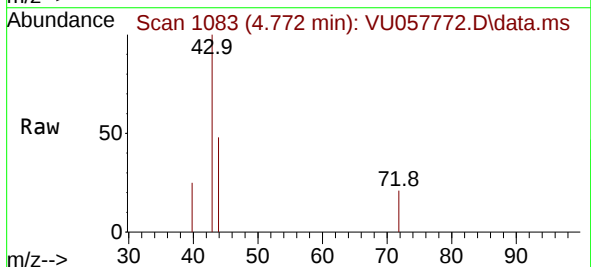
Tgt Ion: 63 Resp: 489
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.1
100 0.0 2.2 6.6

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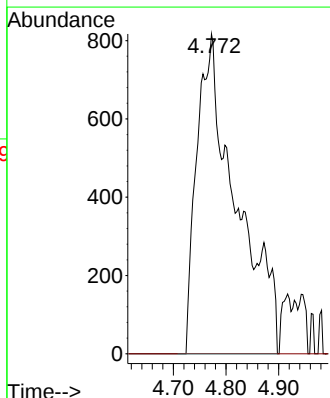
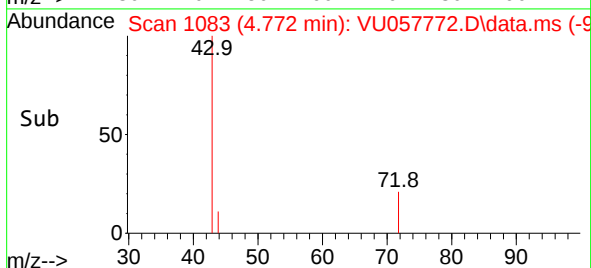
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

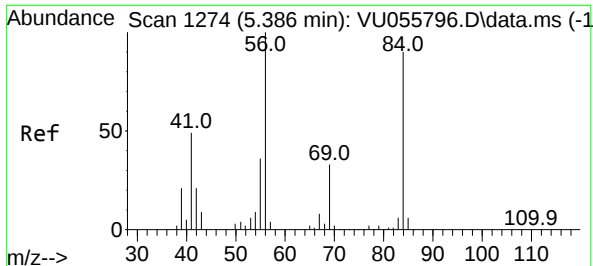


#18
2-Butanone
Concen: 1.271 ug/l m
RT: 4.772 min Scan# 1083
Delta R.T. 0.071 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07



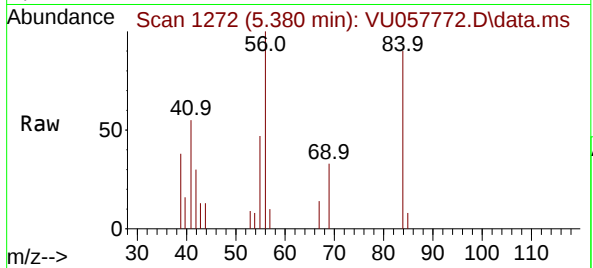
Tgt Ion: 43 Resp: 4216
Ion Ratio Lower Upper
43 100
57 0.0 0.0 19.6





#19
Cyclohexane
Concen: 0.258 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

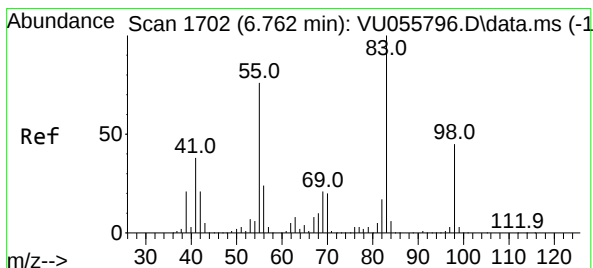
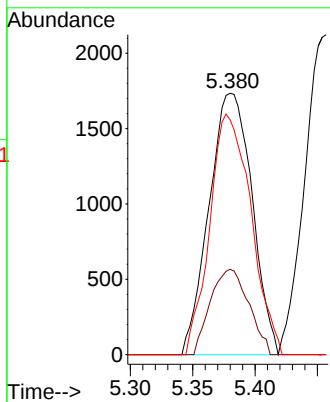
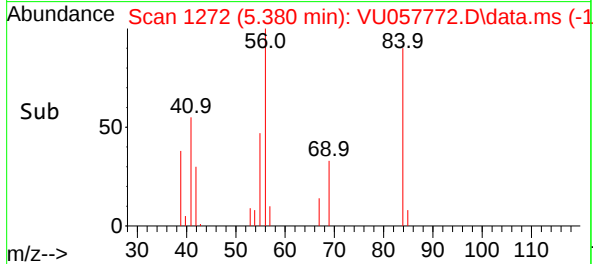
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 56 Resp: 415
Ion Ratio Lower Upper
56 100
69 29.2 24.6 37.0
84 88.2 68.4 102.6

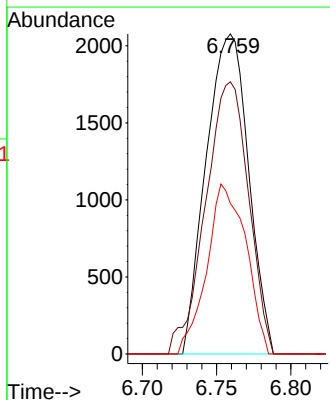
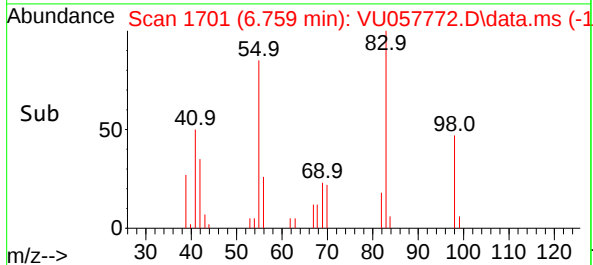
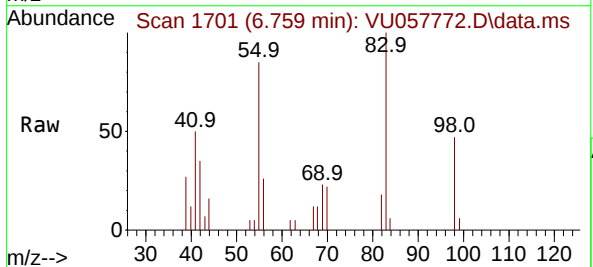
Manual Integrations
APPROVED

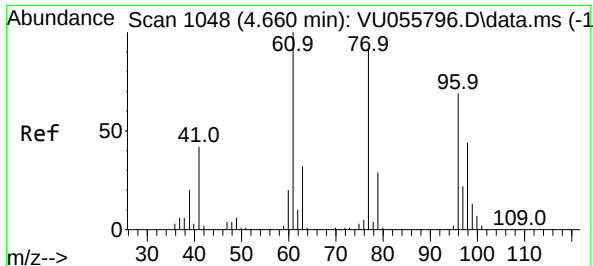
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#20
Methylcyclohexane
Concen: 0.212 ug/l
RT: 6.759 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Tgt Ion: 83 Resp: 4125
Ion Ratio Lower Upper
83 100
55 86.2 63.5 95.3
98 48.9 36.0 54.0





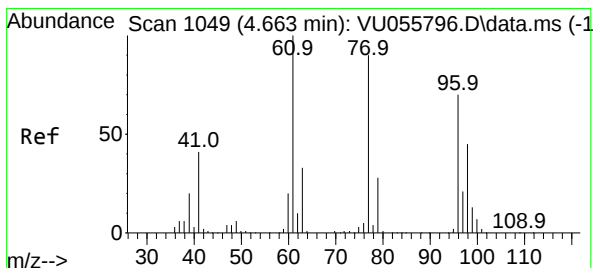
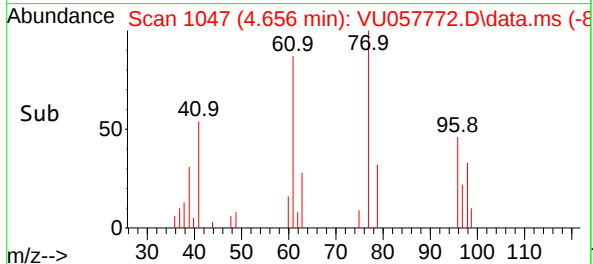
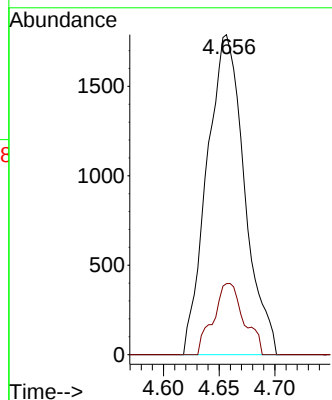
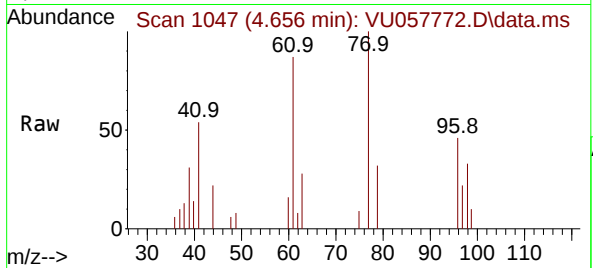
#21
2,2-Dichloropropane
Concen: 0.230 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. -0.004 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 77 Resp: 418
Ion Ratio Lower Upper
77 100
97 18.1 18.4 27.6

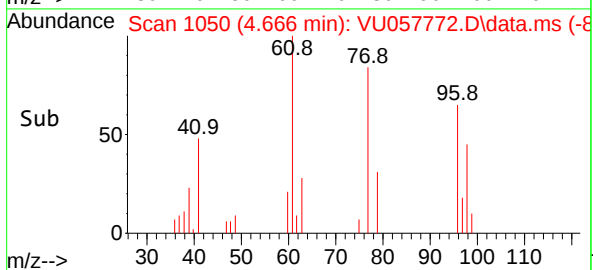
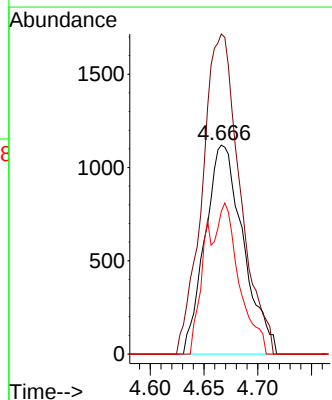
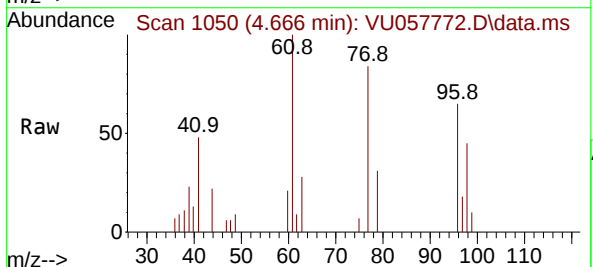
Manual Integrations
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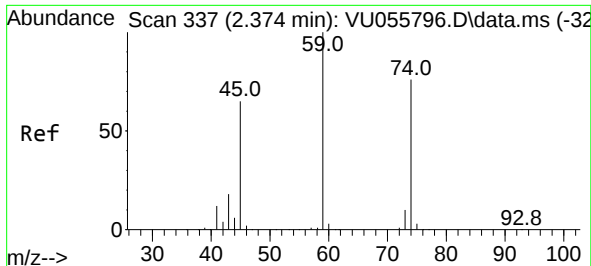
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#22
cis-1,2-Dichloroethene
Concen: 0.232 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

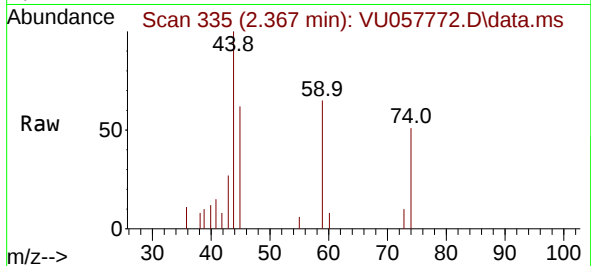
Tgt Ion: 96 Resp: 2764
Ion Ratio Lower Upper
96 100
61 151.4 0.0 365.8
98 40.8 32.0 96.0





#23
Diethyl Ether
Concen: 0.247 ug/l
RT: 2.367 min Scan# 31
Delta R.T. -0.007 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

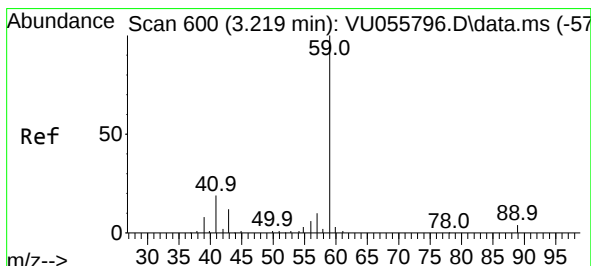
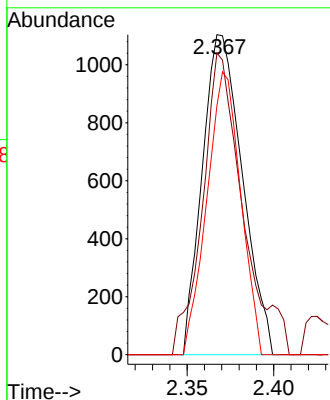
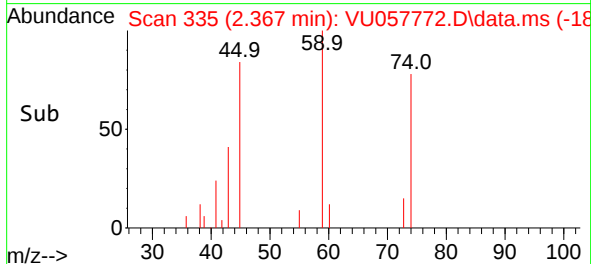
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



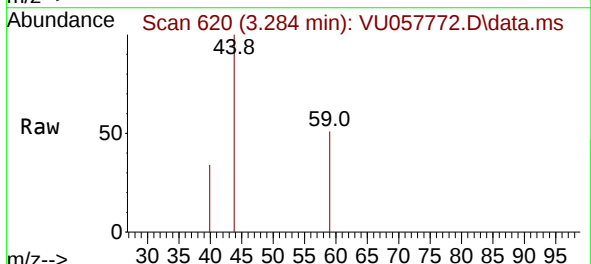
Tgt Ion: 59 Resp: 1780
Ion Ratio Lower Upper
59 100
45 94.4 56.1 84.1
74 74.4 57.4 86.2

Manual Integrations
APPROVED

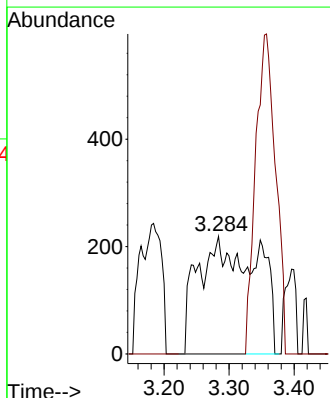
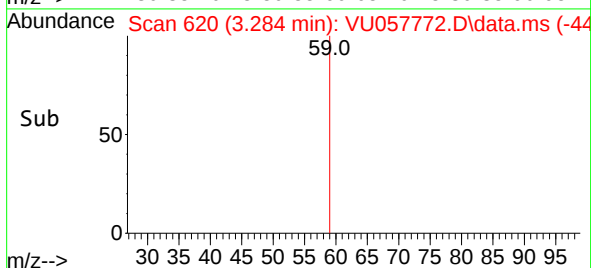
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

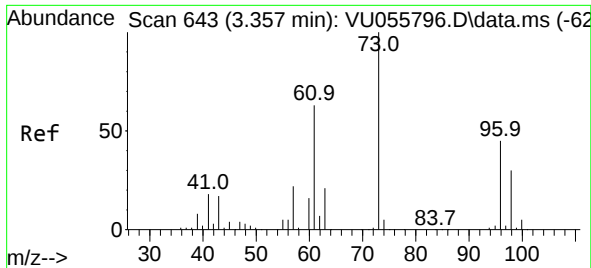


#24
tert-Butyl Alcohol
Concen: 1.658 ug/l m
RT: 3.284 min Scan# 620
Delta R.T. 0.065 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07



Tgt Ion: 59 Resp: 1356
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





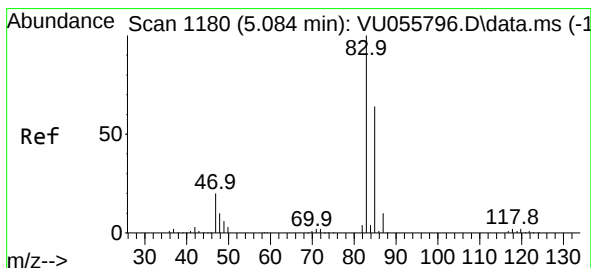
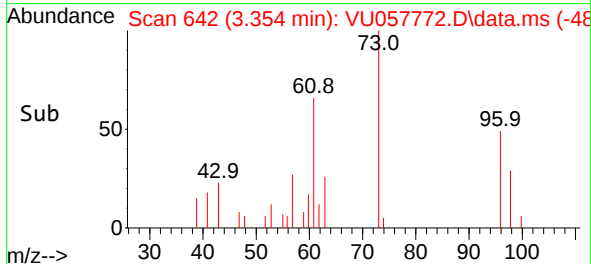
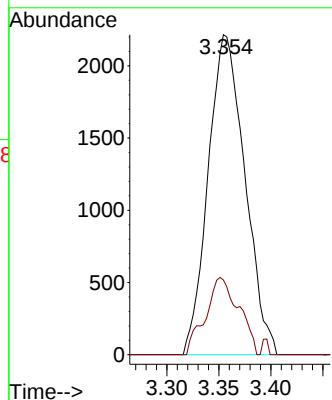
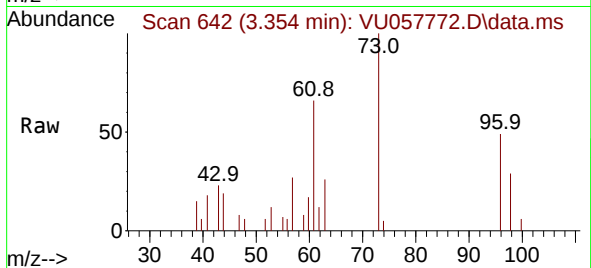
#25
Methyl tert-Butyl Ether
Concen: 0.233 ug/l
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 73 Resp: 544
Ion Ratio Lower Upper
73 100
43 21.9 15.0 22.6

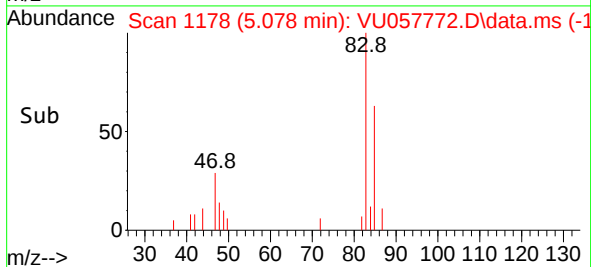
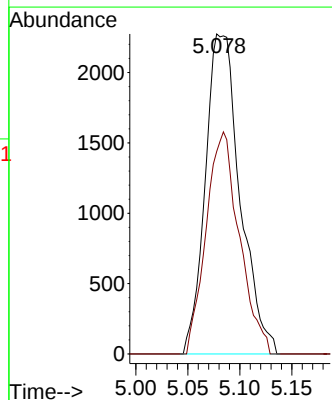
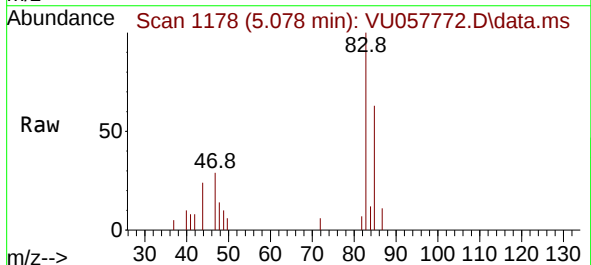
Manual Integrations
APPROVED

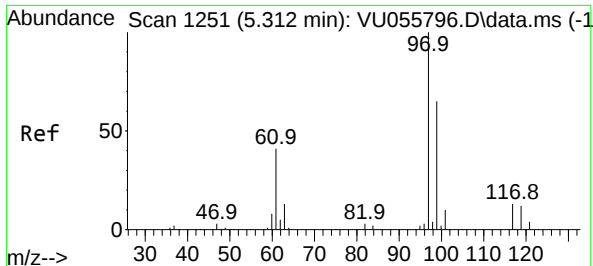
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#27
Chloroform
Concen: 0.248 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Tgt Ion: 83 Resp: 5293
Ion Ratio Lower Upper
83 100
85 63.2 0.0 126.4





#28

1,1,1-Trichloroethane

Concen: 0.240 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

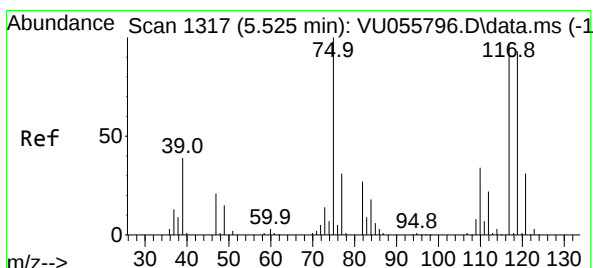
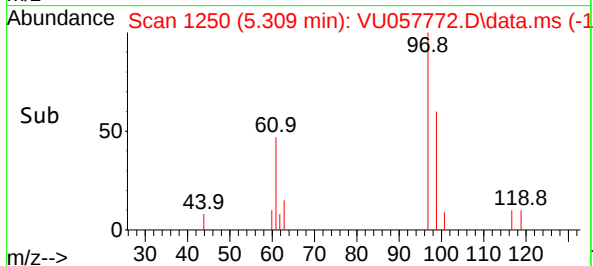
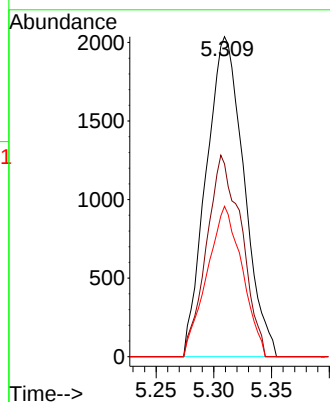
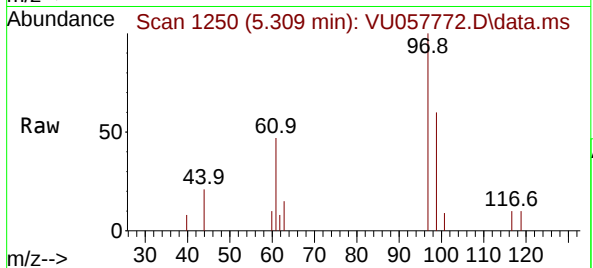
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 97	Resp: 4620
Ion Ratio	Lower Upper
97 100	
99 58.5	32.0 96.2
61 43.9	22.9 68.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#29

1,1-Dichloropropene

Concen: 0.214 ug/l

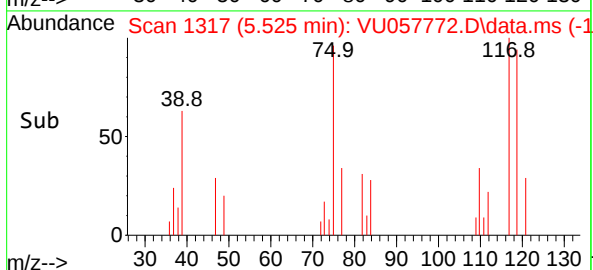
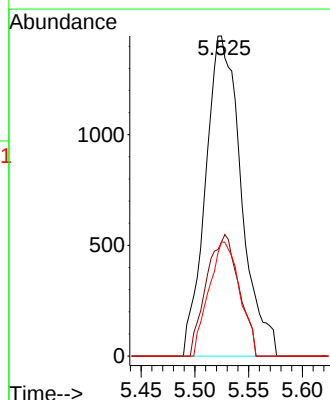
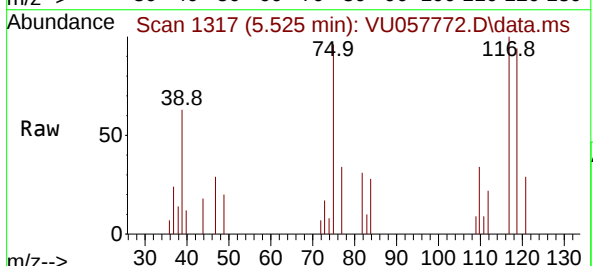
RT: 5.525 min Scan# 1317

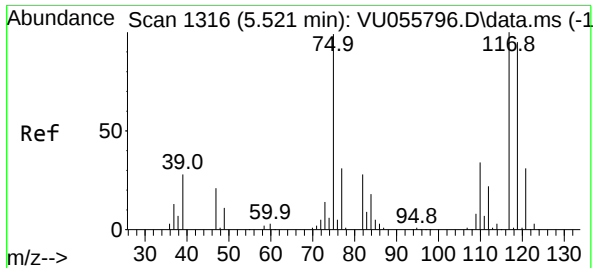
Delta R.T. -0.000 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

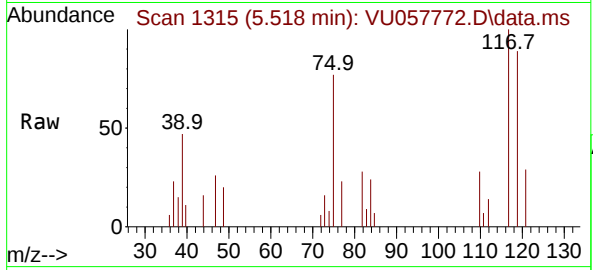
Tgt Ion: 75	Resp: 3338
Ion Ratio	Lower Upper
75 100	
110 34.5	18.0 54.0
77 30.8	24.7 37.1





#30
Carbon Tetrachloride
Concen: 0.229 ug/l
RT: 5.518 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

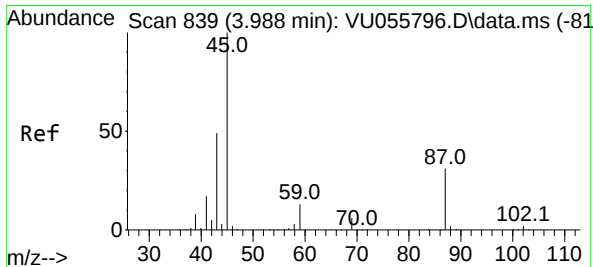
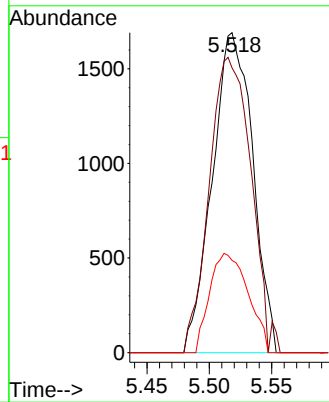
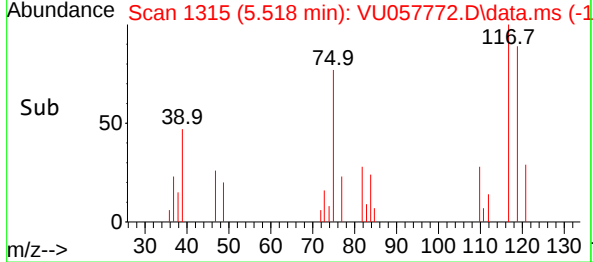
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



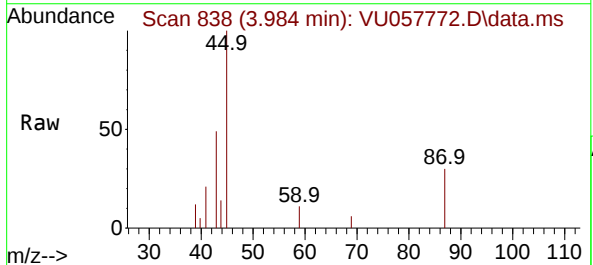
Tgt Ion:117 Resp: 3812
Ion Ratio Lower Upper
117 100
119 89.0 77.4 116.0
121 28.9 24.0 36.0

Manual Integrations
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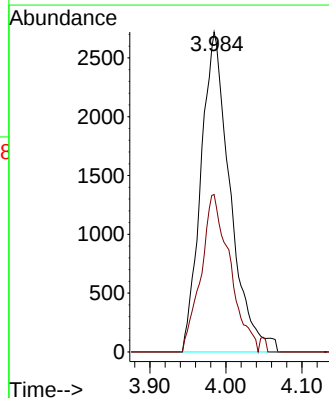
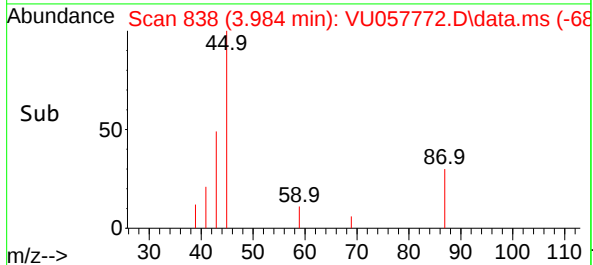
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

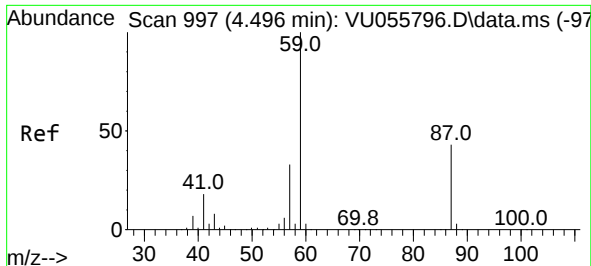


#31
Isopropyl Ether
Concen: 0.241 ug/l
RT: 3.984 min Scan# 838
Delta R.T. -0.004 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07



Tgt Ion: 45 Resp: 7244
Ion Ratio Lower Upper
45 100
43 48.9 27.5 82.5





#32

Ethyl-t-butyl ether

Concen: 0.235 ug/l

RT: 4.486 min Scan# 997

Delta R.T. -0.010 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 59 Resp: 6549

Ion Ratio Lower Upper

59 100

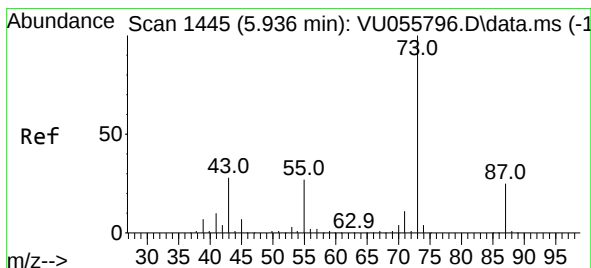
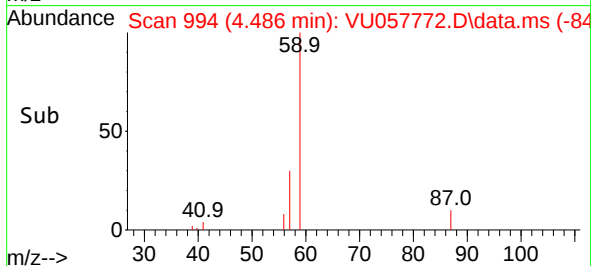
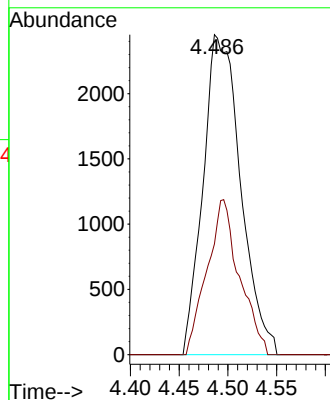
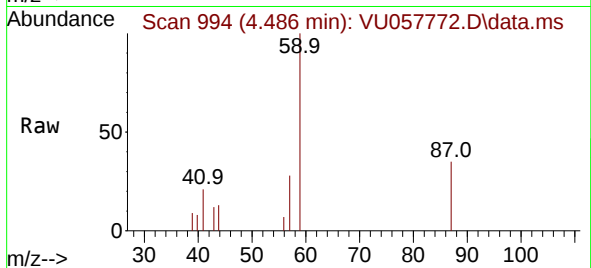
87 42.0 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#33

Tert-Amyl methyl ether

Concen: 0.235 ug/l

RT: 5.936 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

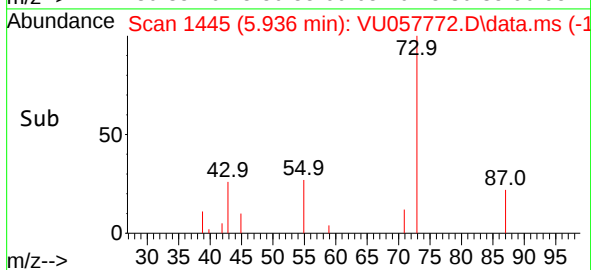
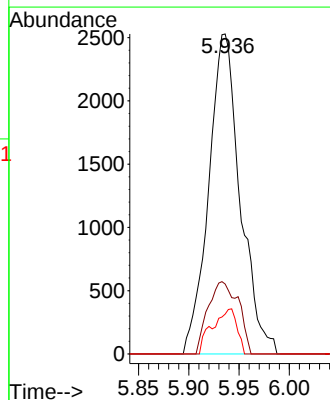
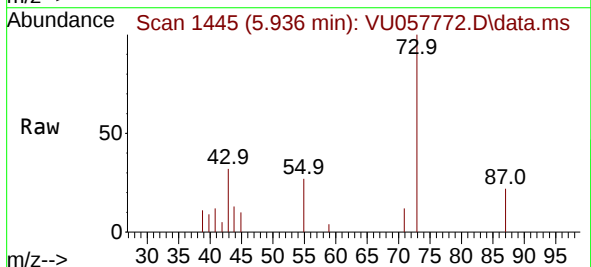
Tgt Ion: 73 Resp: 5517

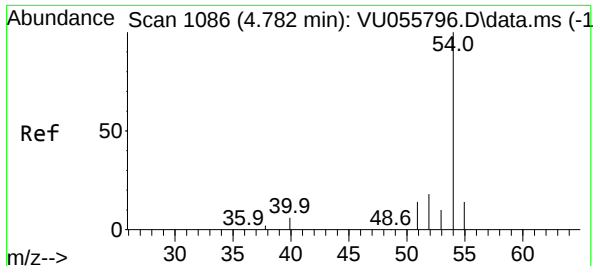
Ion Ratio Lower Upper

73 100

87 21.7 18.6 28.0

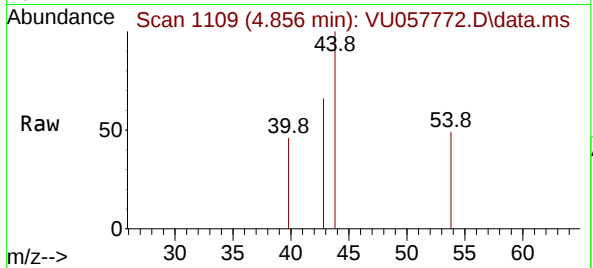
71 10.9 9.9 14.9





#34
 Propionitrile
 Concen: 0.332 ug/l m
 RT: 4.856 min Scan# 1109
 Delta R.T. 0.074 min
 Lab File: VU057772.D
 Acq: 01 Feb 2024 12:07

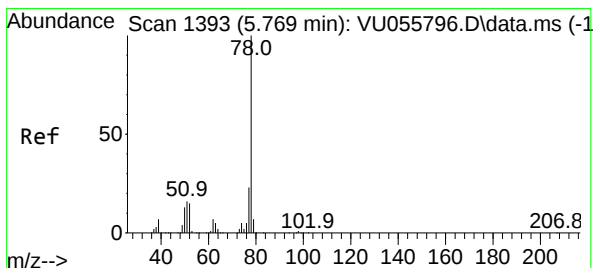
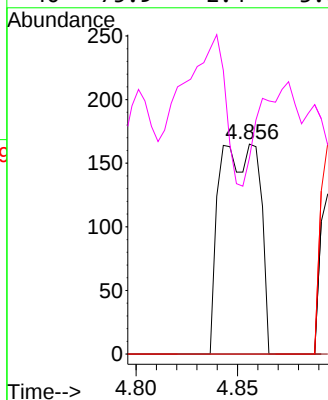
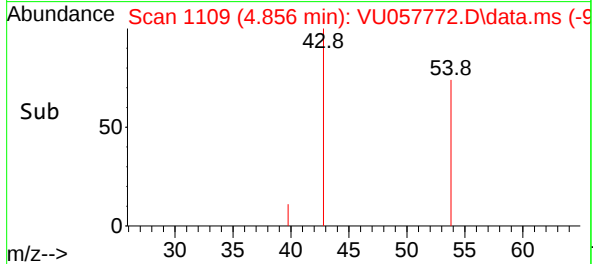
Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



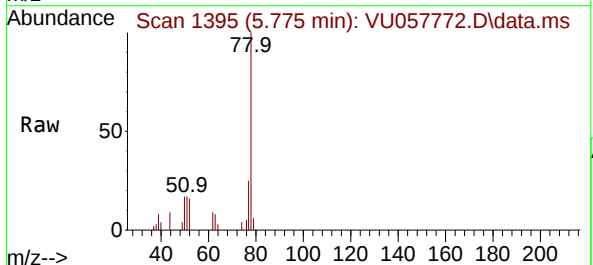
Tgt Ion: 54 Resp: 228
 Ion Ratio Lower Upper
 54 100
 52 0.0 17.4 26.0
 55 0.0 104.1 156.1
 40 75.9 2.4 3.6#

Manual Integrations
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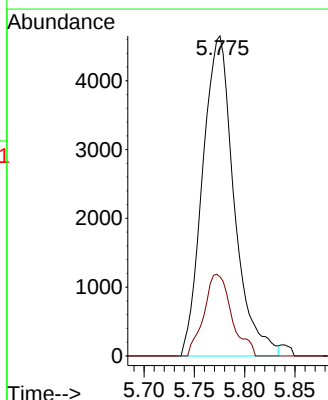
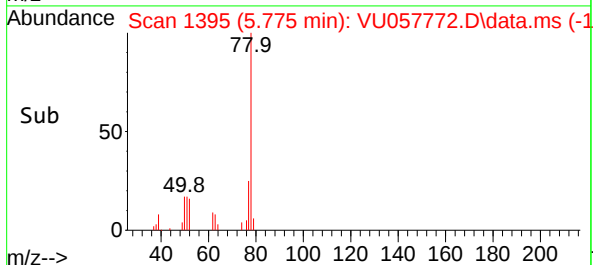
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

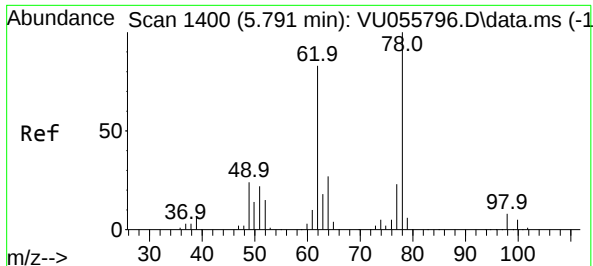


#35
 Benzene
 Concen: 0.225 ug/l
 RT: 5.775 min Scan# 1395
 Delta R.T. 0.006 min
 Lab File: VU057772.D
 Acq: 01 Feb 2024 12:07



Tgt Ion: 78 Resp: 10113
 Ion Ratio Lower Upper
 78 100
 77 24.7 18.9 28.3





#36

1,2-Dichloroethane

Concen: 0.223 ug/l

RT: 5.795 min Scan# 1400

Delta R.T. 0.004 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 62 Resp: 291

Ion Ratio Lower Upper

62 100

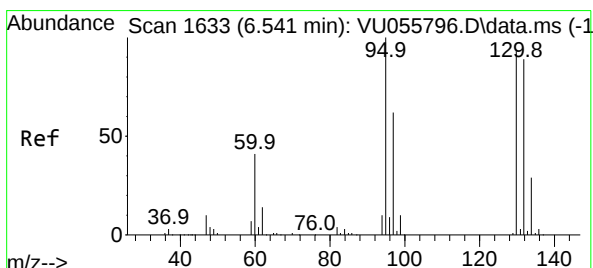
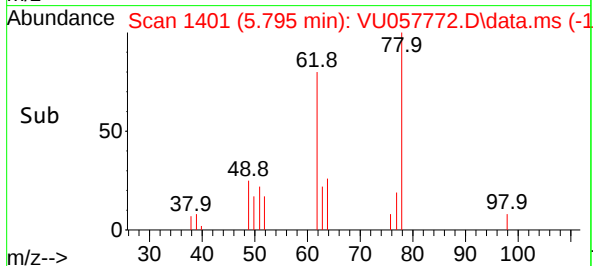
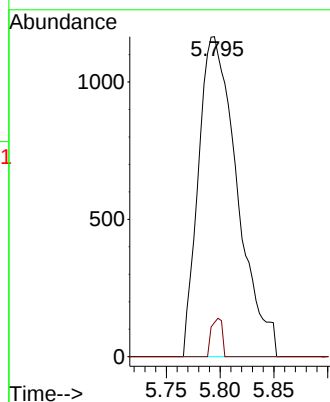
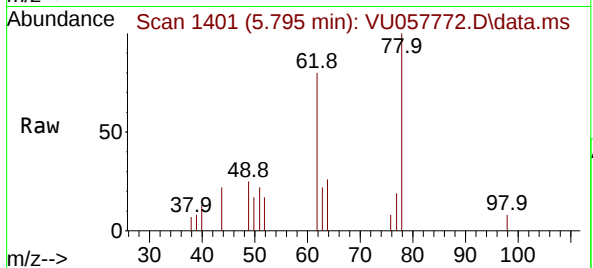
98 3.3 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#37

Trichloroethene

Concen: 0.228 ug/l

RT: 6.544 min Scan# 1634

Delta R.T. 0.003 min

Lab File: VU057772.D

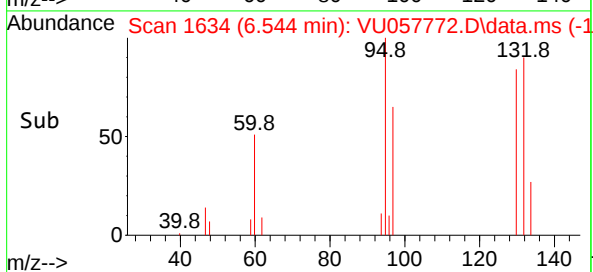
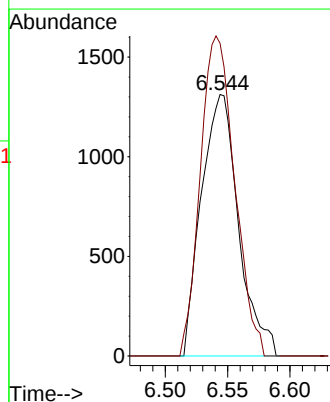
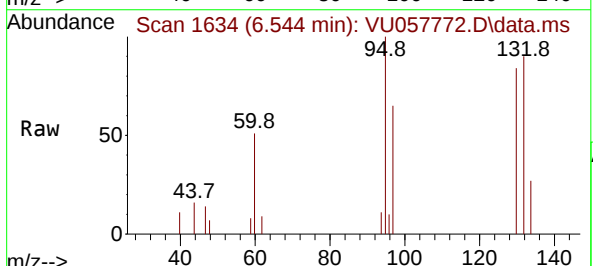
Acq: 01 Feb 2024 12:07

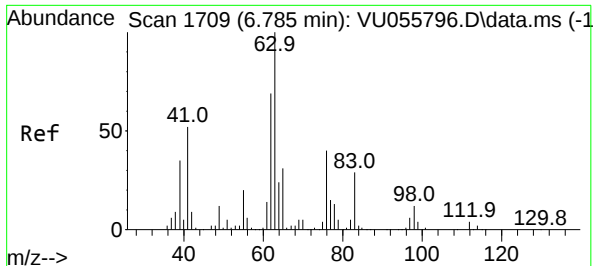
Tgt Ion:130 Resp: 2719

Ion Ratio Lower Upper

130 100

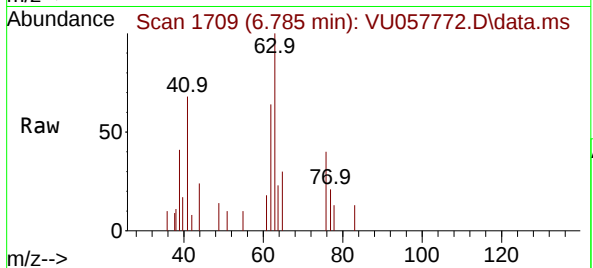
95 119.6 85.0 127.6





#38
1,2-Dichloropropane
Concen: 0.222 ug/l
RT: 6.785 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

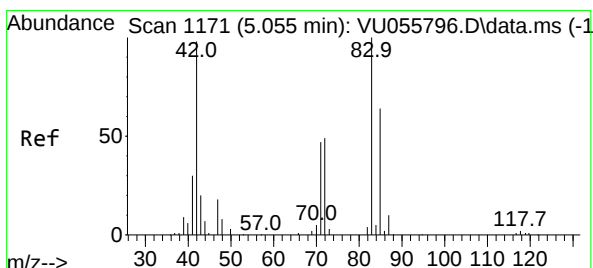
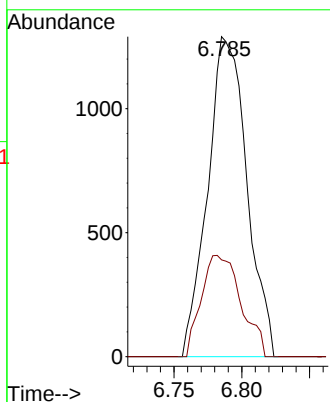
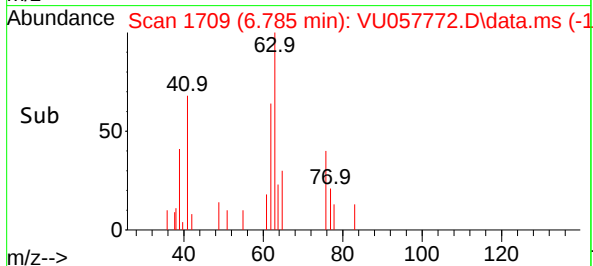
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



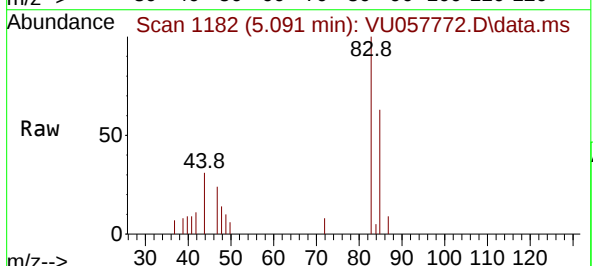
Tgt Ion: 63 Resp: 2590
Ion Ratio Lower Upper
63 100
65 24.6 24.9 37.3

Manual Integrations
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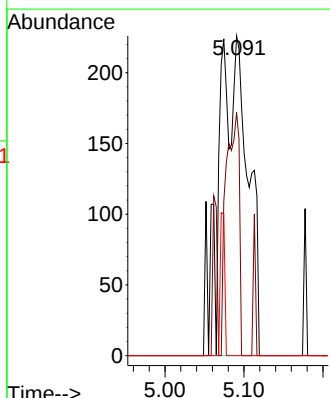
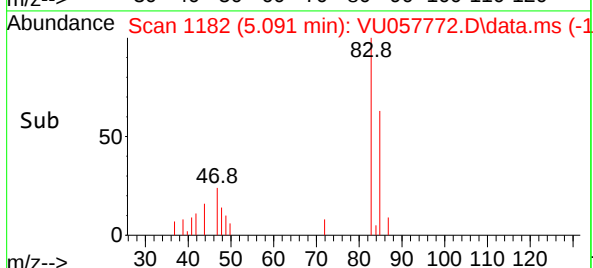
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

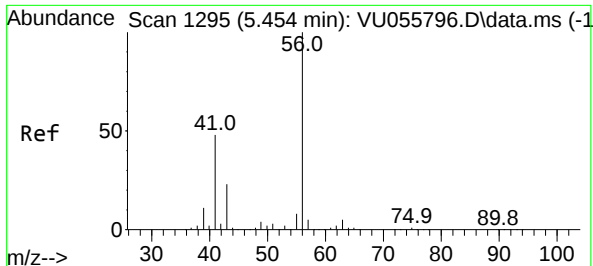


#41
Tetrahydrofuran
Concen: 0.388 ug/l m
RT: 5.091 min Scan# 1182
Delta R.T. 0.036 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07



Tgt Ion: 42 Resp: 568
Ion Ratio Lower Upper
42 100
72 7.4 40.9 61.3#
71 0.0 36.9 55.3#





#42

1-Chlorobutane

Concen: 0.243 ug/l

RT: 5.457 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 56 Resp: 499

Ion Ratio Lower Upper

56 100

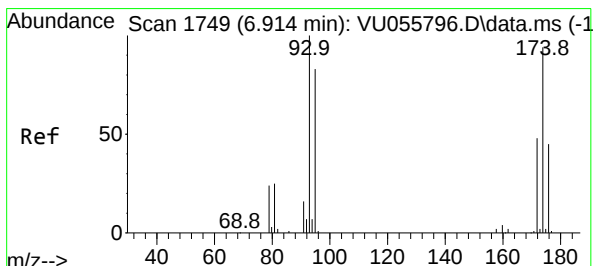
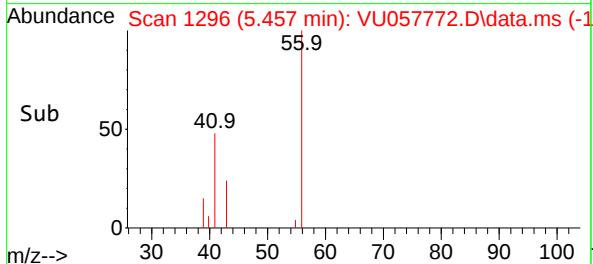
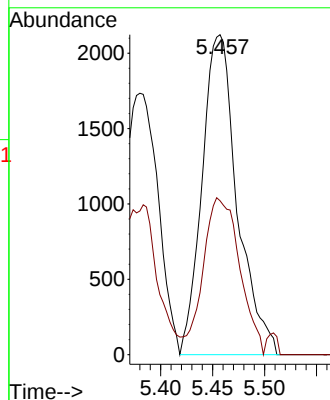
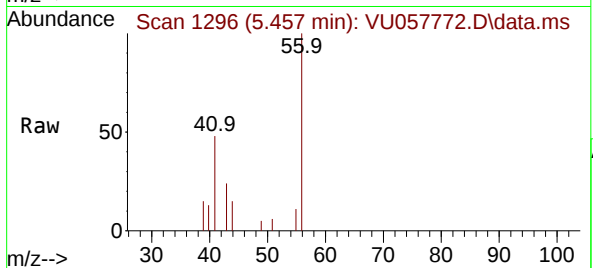
41 50.9 25.2 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#43

Dibromomethane

Concen: 0.218 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

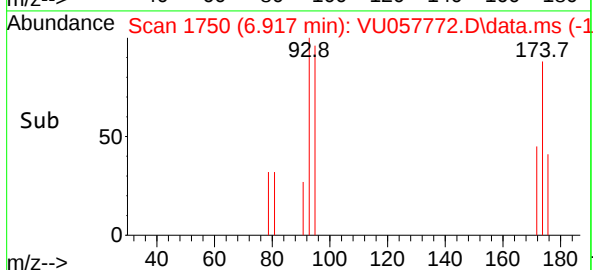
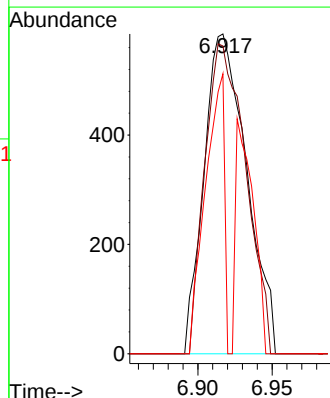
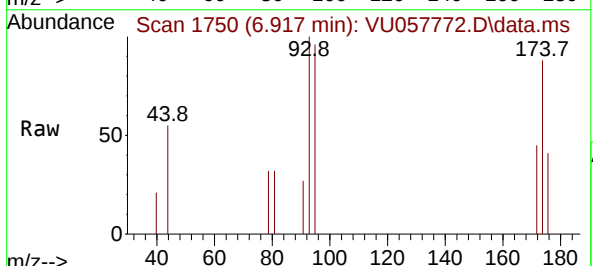
Tgt Ion: 93 Resp: 1168

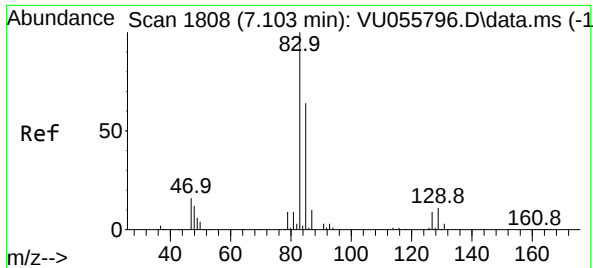
Ion Ratio Lower Upper

93 100

95 92.8 67.0 100.6

174 39.0 73.8 110.6#





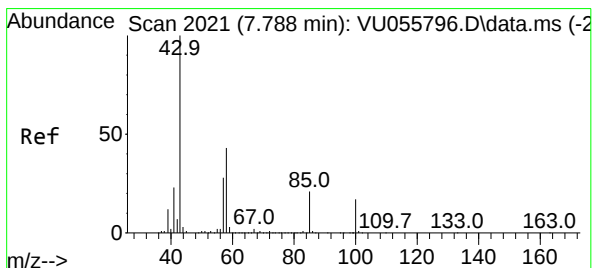
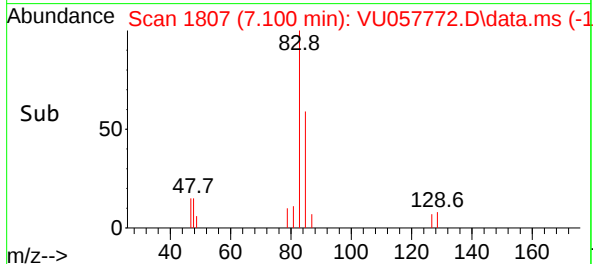
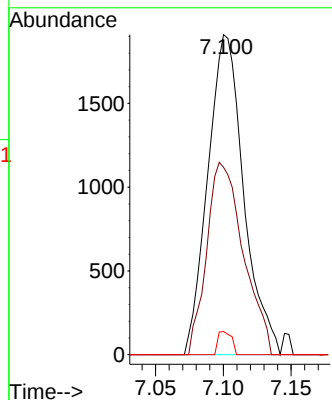
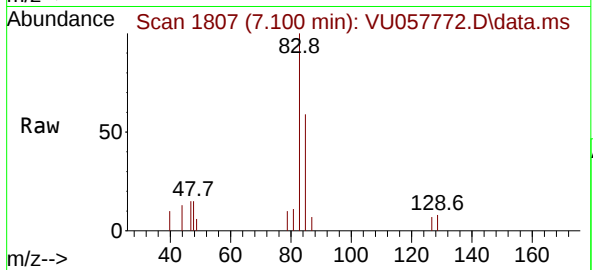
#44
Bromodichloromethane
Concen: 0.235 ug/l
RT: 7.100 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 83 Resp: 352
Ion Ratio Lower Upper
83 100
85 58.5 51.9 77.9
127 7.3 6.7 10.1

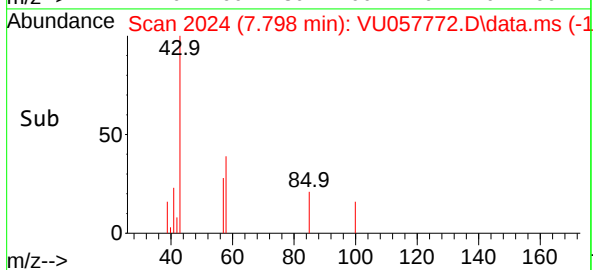
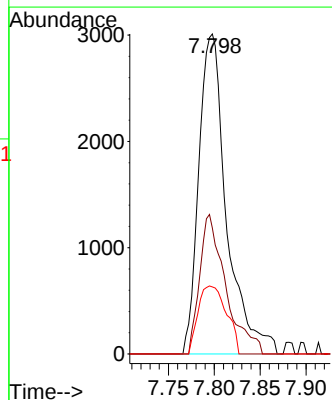
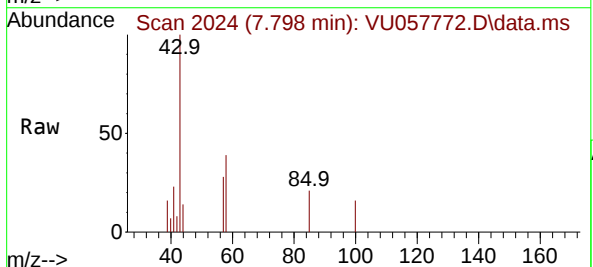
Manual Integrations
APPROVED

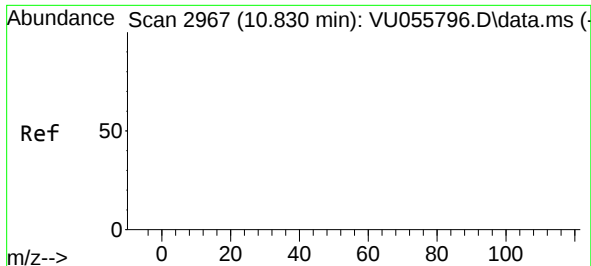
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#45
4-Methyl-2-Pentanone
Concen: 1.112 ug/l
RT: 7.798 min Scan# 2024
Delta R.T. 0.010 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

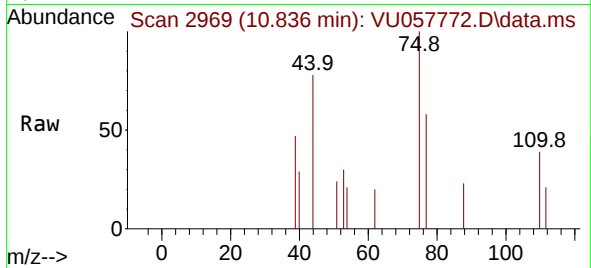
Tgt Ion: 43 Resp: 6349
Ion Ratio Lower Upper
43 100
58 40.8 20.9 62.8
85 21.6 14.6 21.8





#46
t-1,4-Dichloro-2-butene
Concen: 0.469 ug/l m
RT: 10.836 min Scan# 2967
Delta R.T. 0.006 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

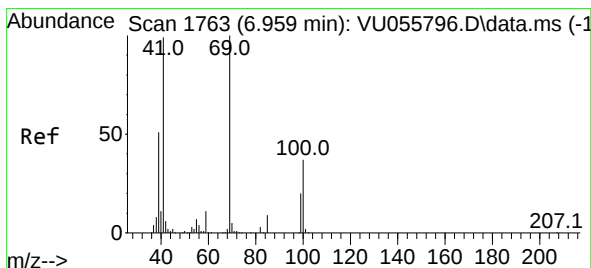
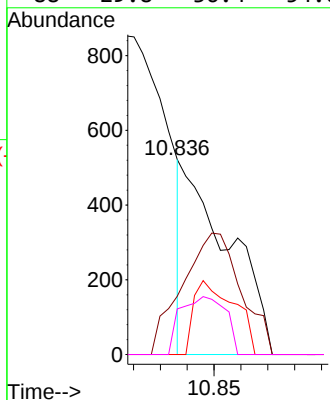
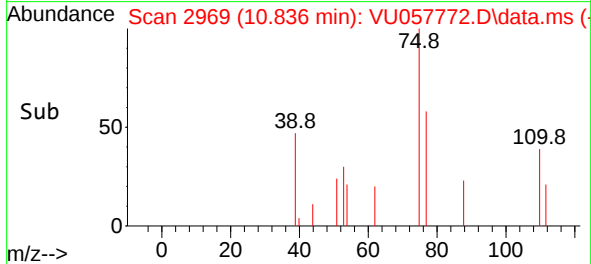


Tgt Ion: 75 Resp: 608

Ion	Ratio	Lower	Upper
75	100		
53	81.4	73.3	109.9
89	34.0	48.2	72.4
88	29.8	36.4	54.6

Manual Integrations
APPROVED

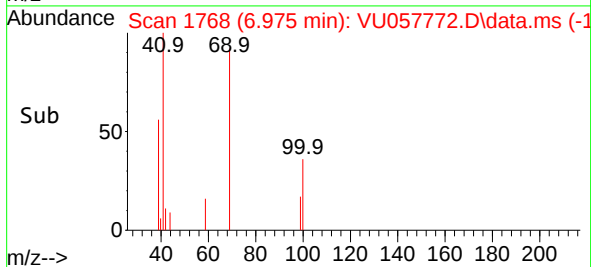
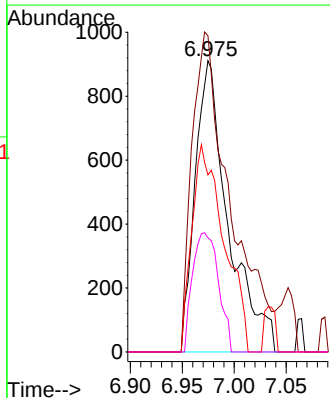
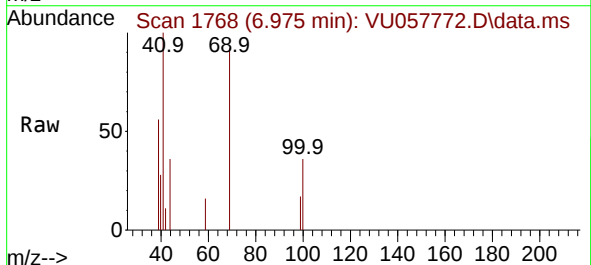
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

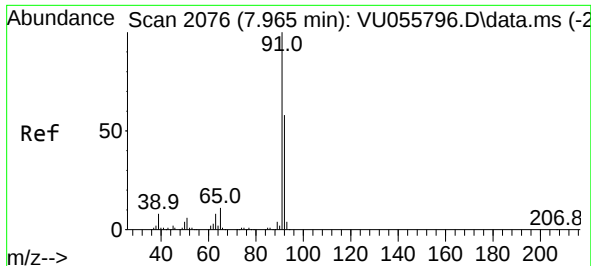


#47
Methyl methacrylate
Concen: 0.427 ug/l
RT: 6.975 min Scan# 1768
Delta R.T. 0.016 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Tgt Ion: 69 Resp: 2022

Ion	Ratio	Lower	Upper
69	100		
41	125.7	0.0	209.2
39	69.0	46.7	70.1
100	32.0	27.4	41.2





#49

Toluene

Concen: 0.225 ug/l

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 92 Resp: 618

Ion Ratio Lower Upper

92 100

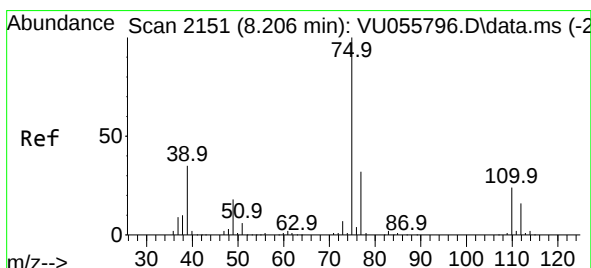
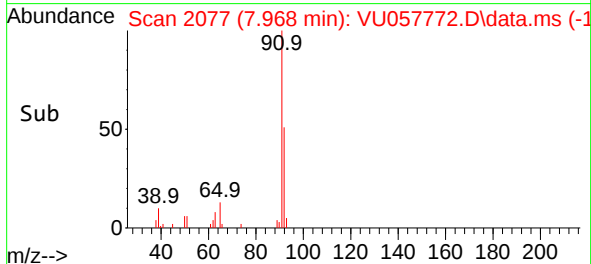
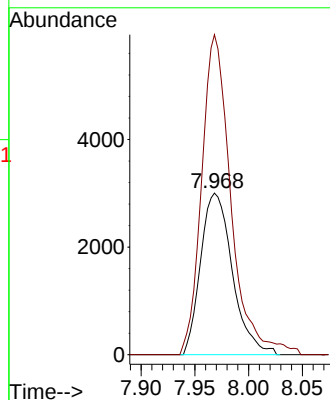
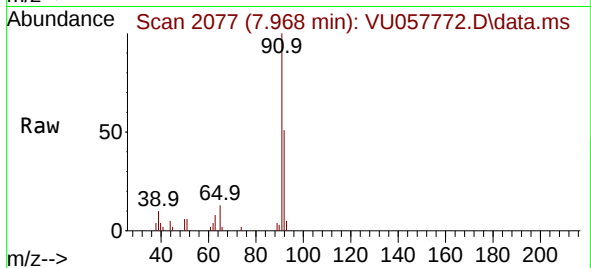
91 182.6 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#50

t-1,3-Dichloropropene

Concen: 0.216 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU057772.D

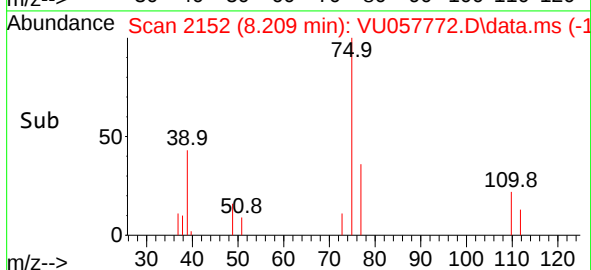
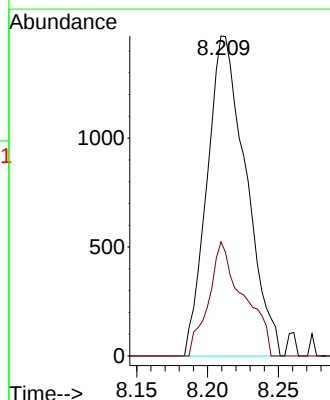
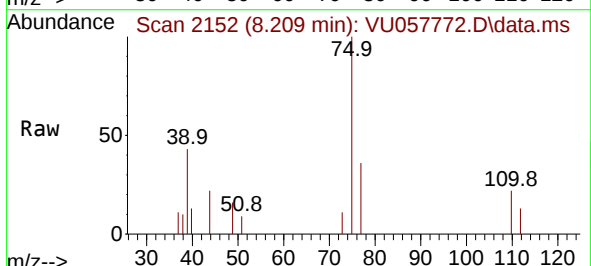
Acq: 01 Feb 2024 12:07

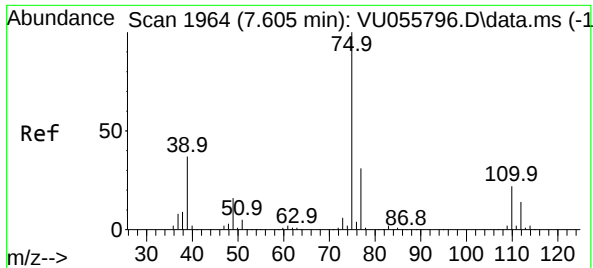
Tgt Ion: 75 Resp: 2803

Ion Ratio Lower Upper

75 100

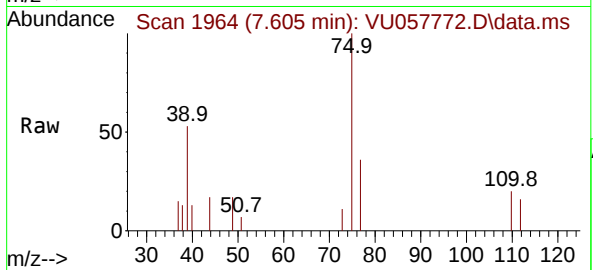
77 35.7 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.213 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU057772.D
 Acq: 01 Feb 2024 12:07

Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

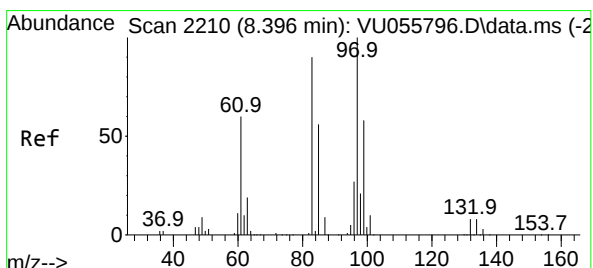
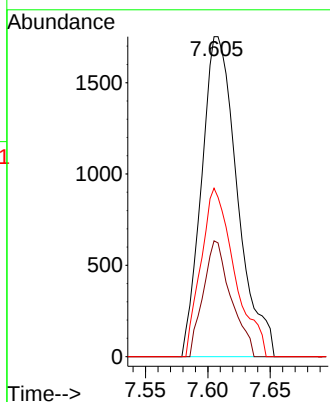
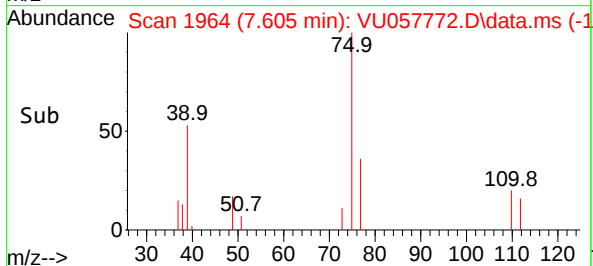


Tgt Ion: 75 Resp: 349

Ion	Ratio	Lower	Upper
75	100		
77	36.2	25.7	38.5
39	52.6	32.8	49.2

Manual Integrations
 APPROVED

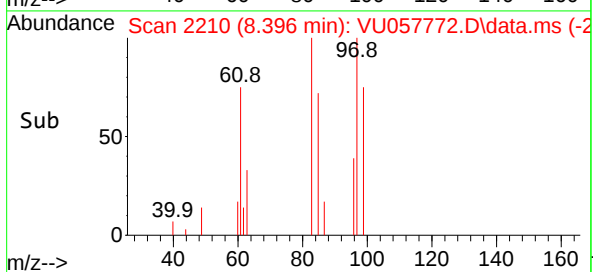
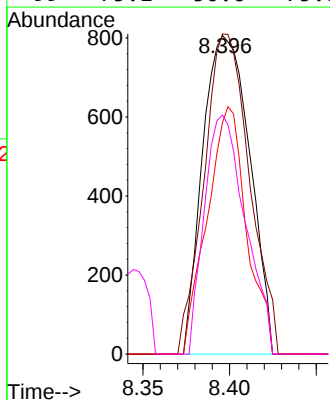
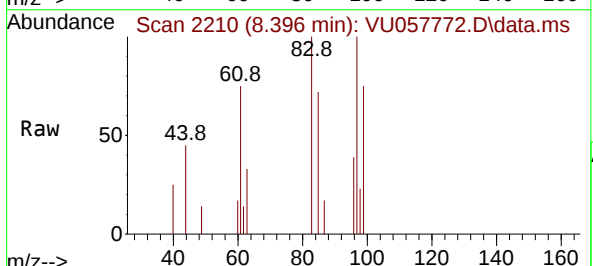
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

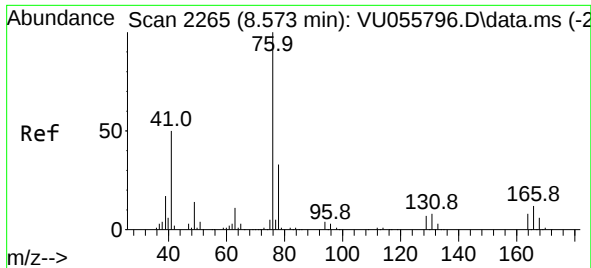


#52
 1,1,2-Trichloroethane
 Concen: 0.206 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU057772.D
 Acq: 01 Feb 2024 12:07

Tgt Ion: 97 Resp: 1521

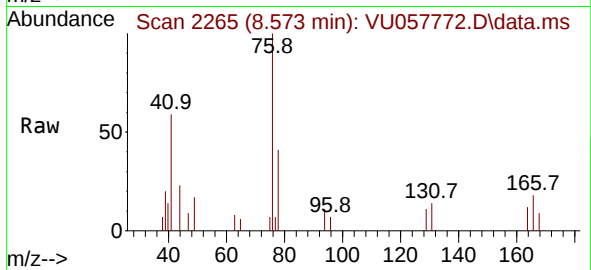
Ion	Ratio	Lower	Upper
97	100		
83	100.5	71.8	107.8
85	72.7	45.2	67.8
99	75.1	50.6	75.8





#53
1,3-Dichloropropane
Concen: 0.236 ug/l
RT: 8.573 min Scan# 2129
Delta R.T. -0.000 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

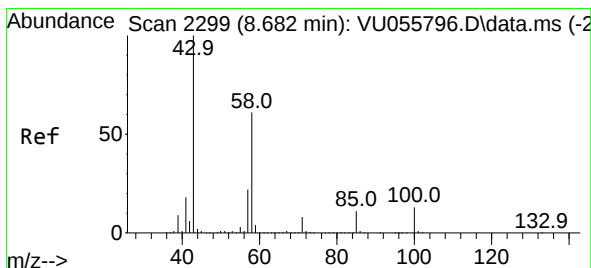
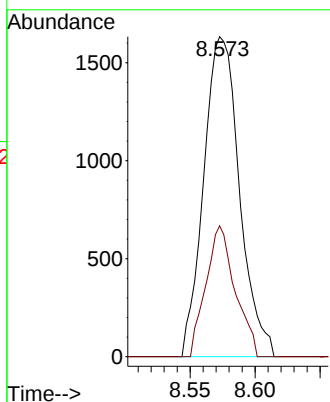
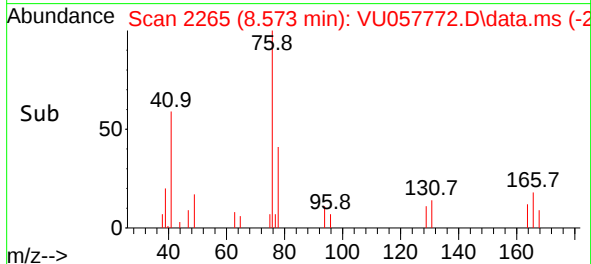
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



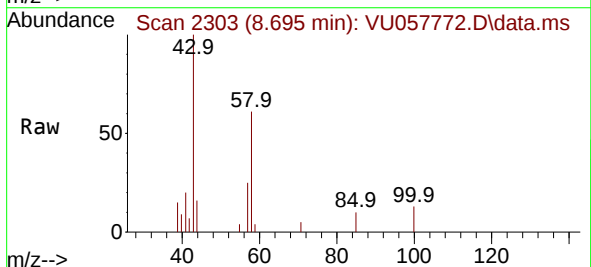
Tgt Ion: 76 Resp: 3129
Ion Ratio Lower Upper
76 100
78 33.3 25.9 38.9

Manual Integrations
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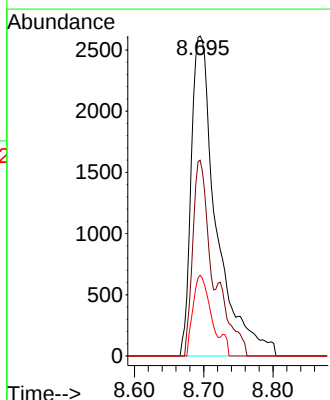
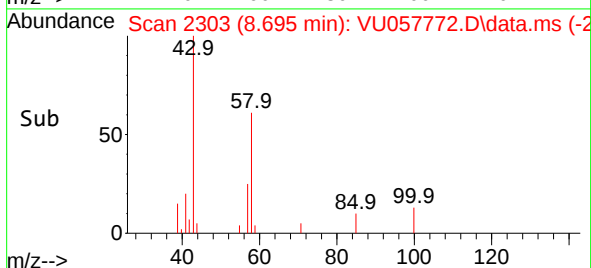
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

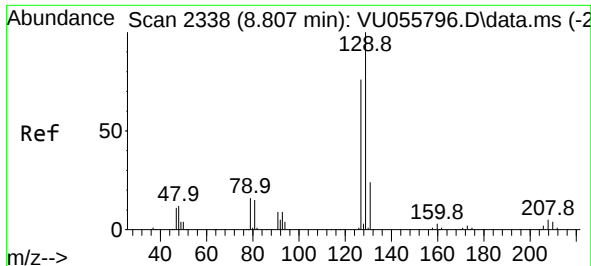


#54
2-Hexanone
Concen: 1.256 ug/l
RT: 8.695 min Scan# 2303
Delta R.T. 0.013 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07



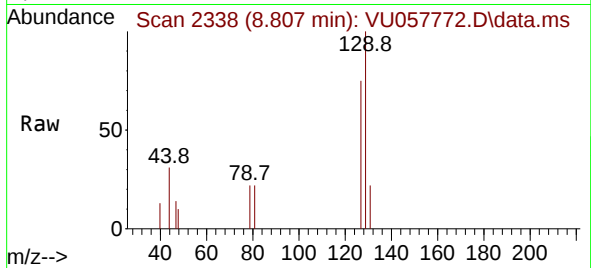
Tgt Ion: 43 Resp: 6599
Ion Ratio Lower Upper
43 100
58 39.3 38.2 78.2
57 17.0 0.0 39.1





#55
Dibromochloromethane
Concen: 0.217 ug/l
RT: 8.807 min Scan# 2179
Delta R.T. 0.000 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

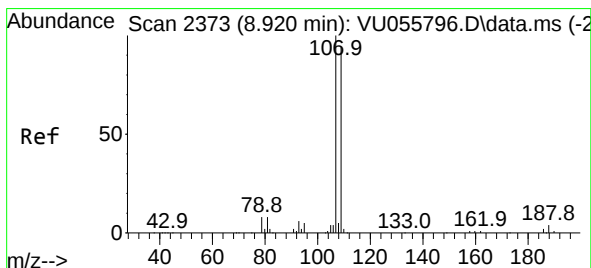
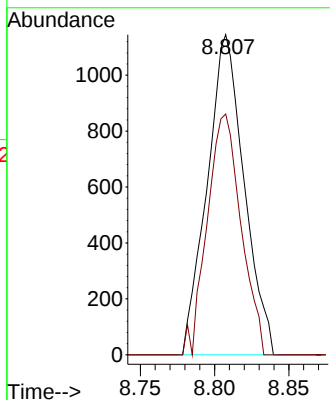
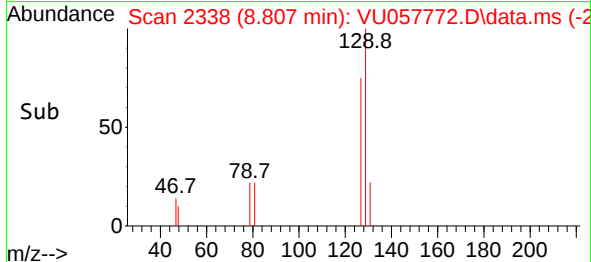
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



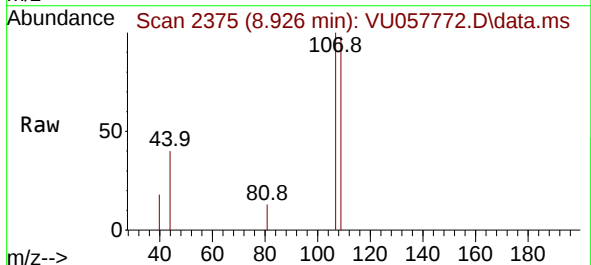
Tgt Ion:129 Resp: 1979
Ion Ratio Lower Upper
129 100
127 68.8 61.4 92.0

Manual Integrations
APPROVED

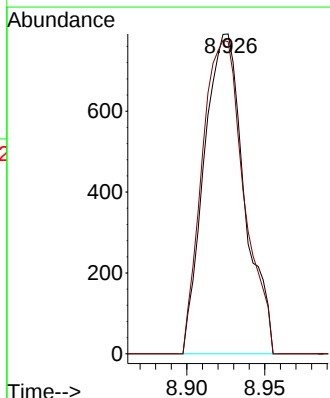
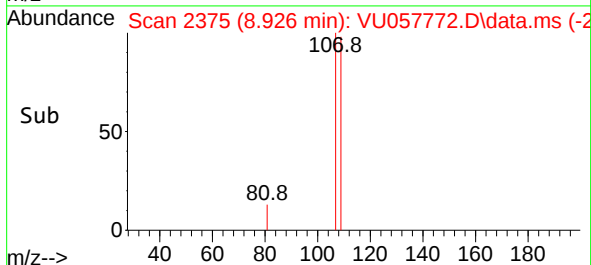
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

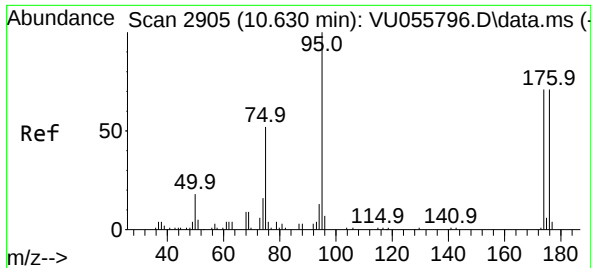


#56
1,2-Dibromoethane
Concen: 0.209 ug/l
RT: 8.926 min Scan# 2375
Delta R.T. 0.006 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07



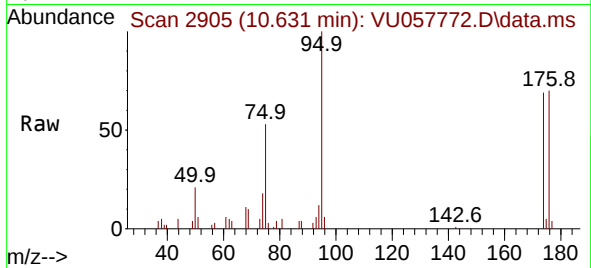
Tgt Ion:107 Resp: 1420
Ion Ratio Lower Upper
107 100
109 102.0 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.942 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

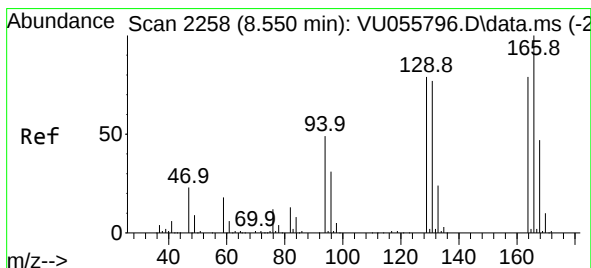
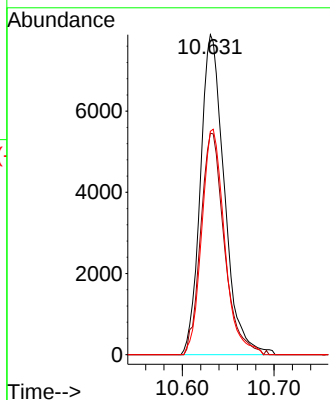
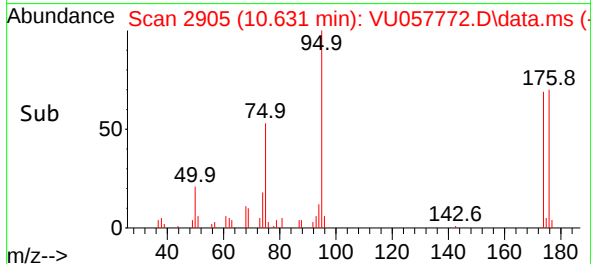
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



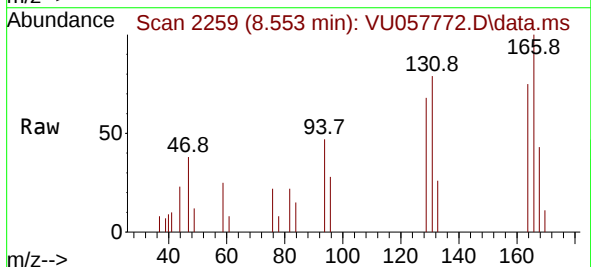
Tgt Ion: 95 Resp: 1430
Ion Ratio Lower Upper
95 100
174 68.5 63.3 94.9
176 67.1 59.3 88.9

Manual Integrations
APPROVED

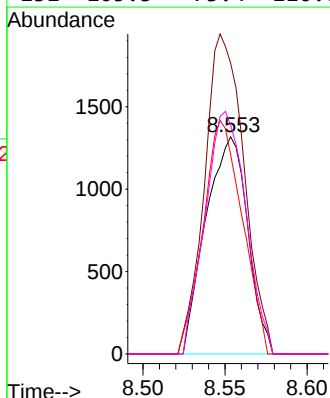
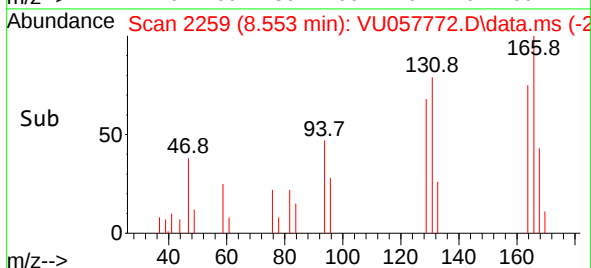
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

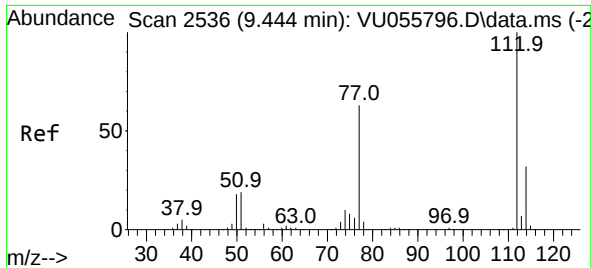


#58
Tetrachloroethene
Concen: 0.221 ug/l
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07



Tgt Ion:164 Resp: 2327
Ion Ratio Lower Upper
164 100
166 133.8 99.6 149.4
129 91.7 78.6 117.8
131 105.3 73.4 110.0





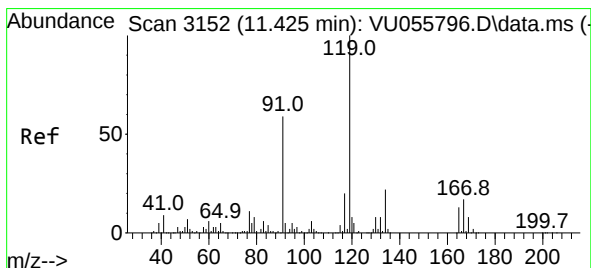
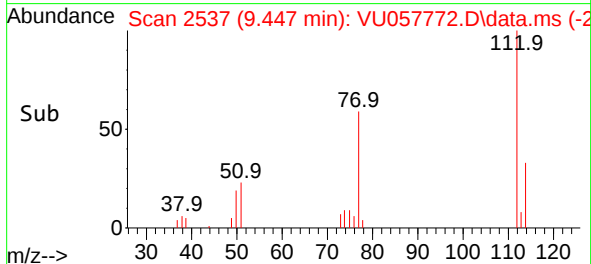
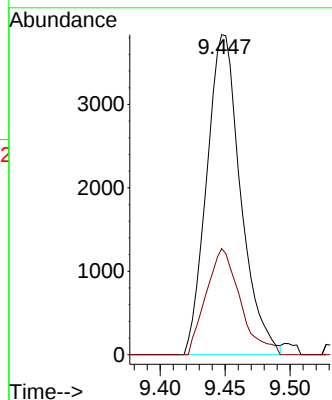
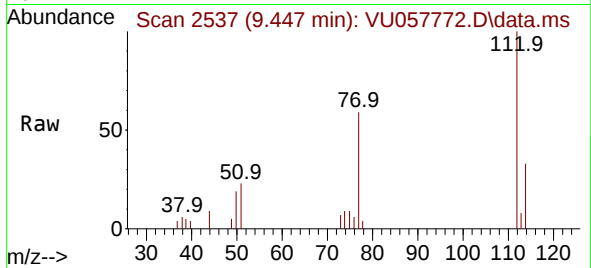
#59
Chlorobenzene
Concen: 0.230 ug/l
RT: 9.447 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:112 Resp: 696
Ion Ratio Lower Upper
112 100
114 33.2 25.6 38.4

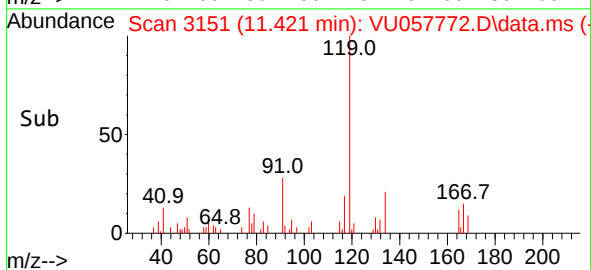
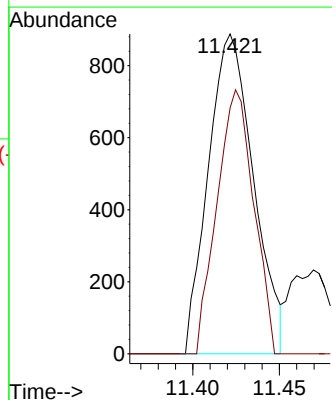
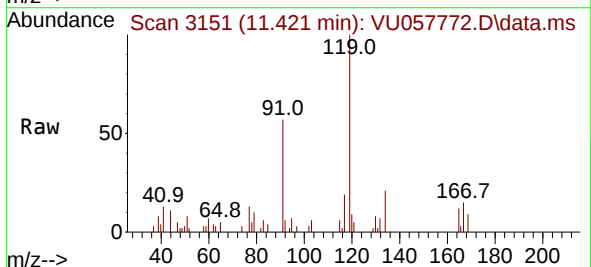
Manual Integrations
APPROVED

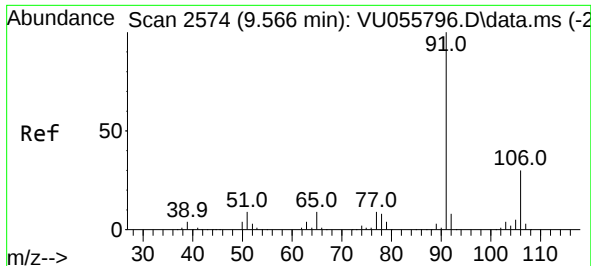
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#61
Pentachloroethane
Concen: 0.216 ug/l
RT: 11.421 min Scan# 3151
Delta R.T. -0.004 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Tgt Ion:117 Resp: 1614
Ion Ratio Lower Upper
117 100
167 67.1 56.7 85.1





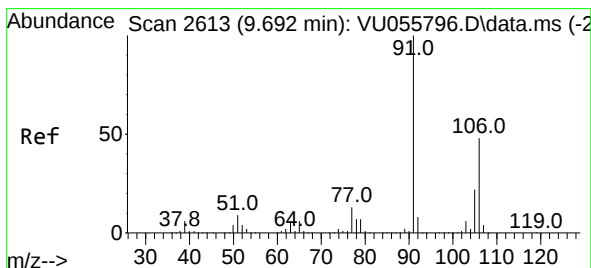
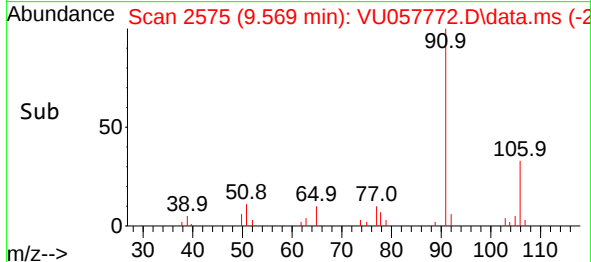
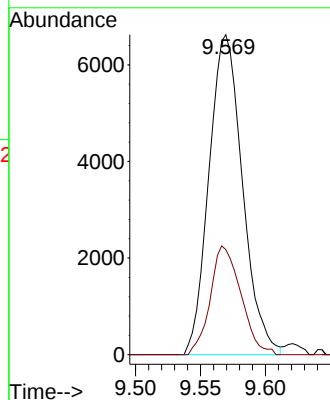
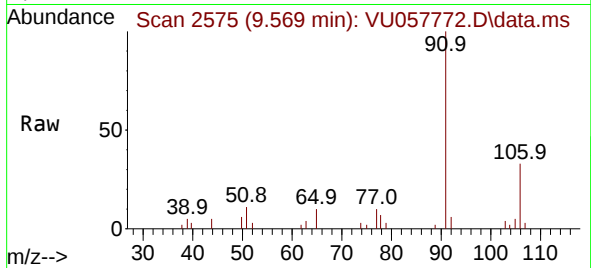
#63
Ethyl Benzene
Concen: 0.220 ug/l
RT: 9.569 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 91 Resp: 1188
Ion Ratio Lower Upper
91 100
106 32.9 24.2 36.2

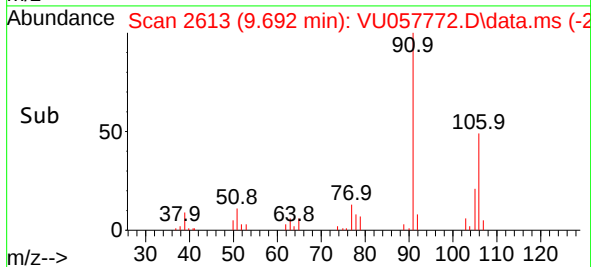
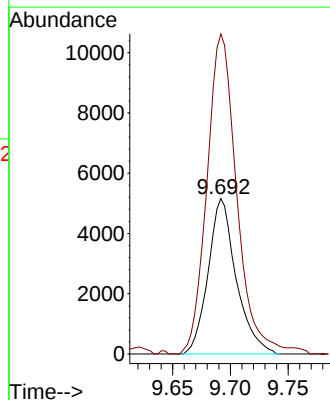
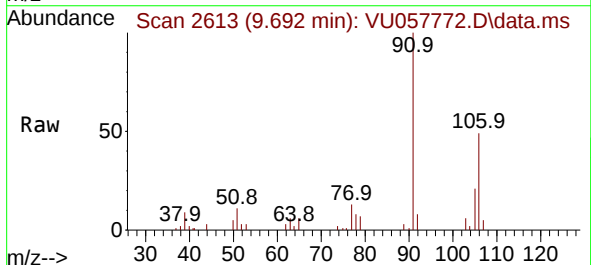
Manual Integrations
APPROVED

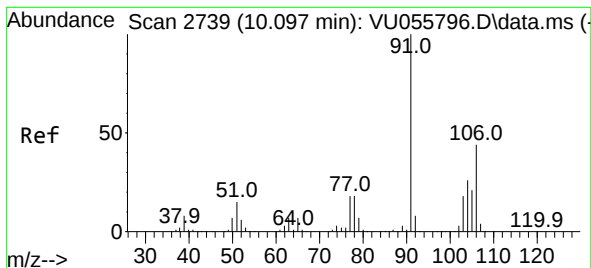
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#64
m/p-Xylenes
Concen: 0.445 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Tgt Ion:106 Resp: 8711
Ion Ratio Lower Upper
106 100
91 219.9 167.3 250.9





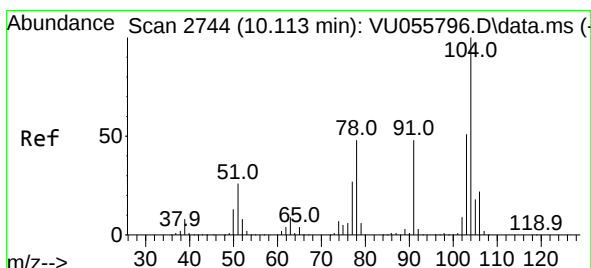
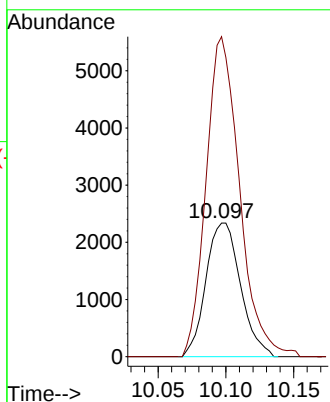
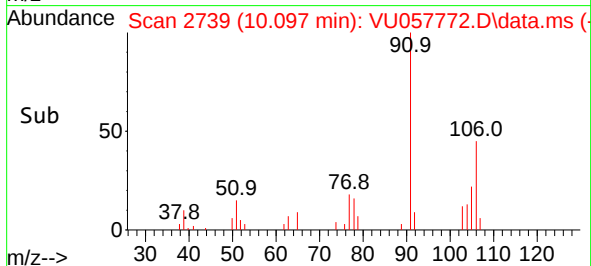
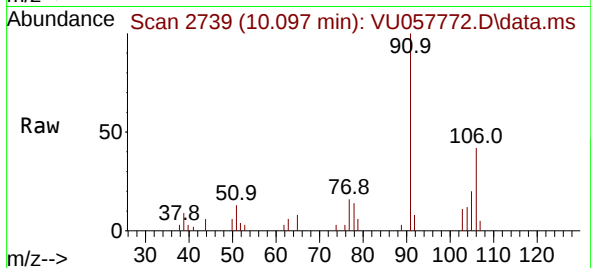
#65
o-Xylene
Concen: 0.214 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:106 Resp: 4145
Ion Ratio Lower Upper
106 100
91 232.2 109.3 327.9

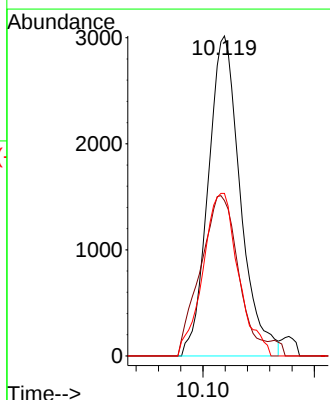
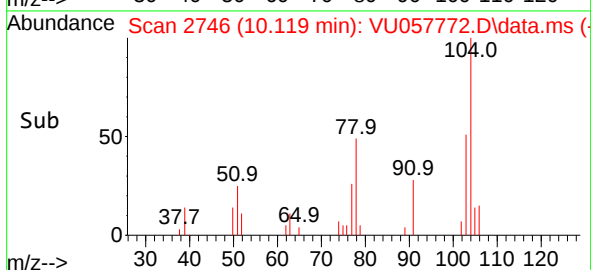
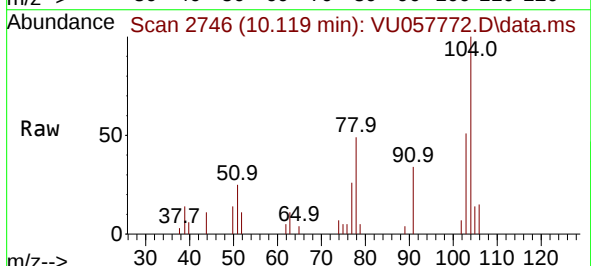
Manual Integrations
APPROVED

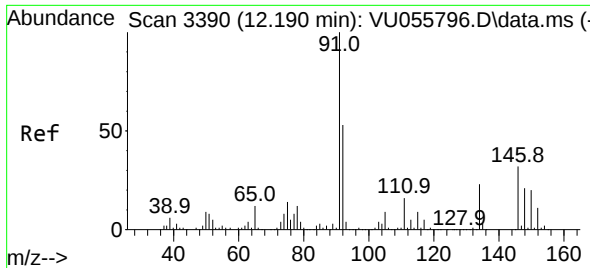
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#66
Styrene
Concen: 0.209 ug/l
RT: 10.119 min Scan# 2746
Delta R.T. 0.006 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

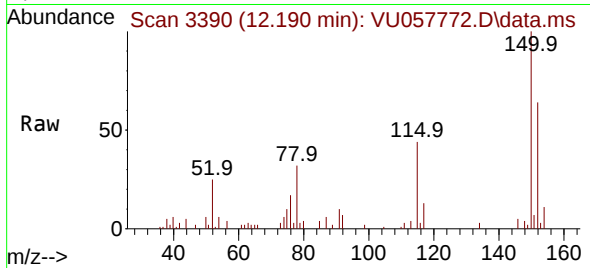
Tgt Ion:104 Resp: 6050
Ion Ratio Lower Upper
104 100
78 59.1 39.7 59.5
103 55.9 44.8 67.2





#68
1,2-Dichlorobenzene-d4
Concen: 0.934 ug/l
RT: 12.190 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

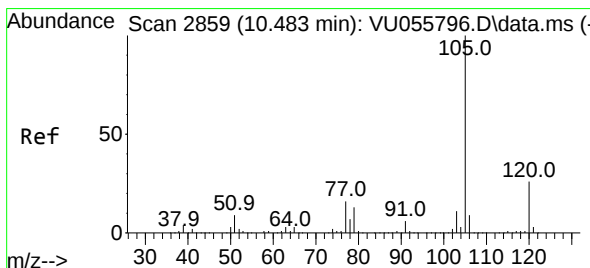
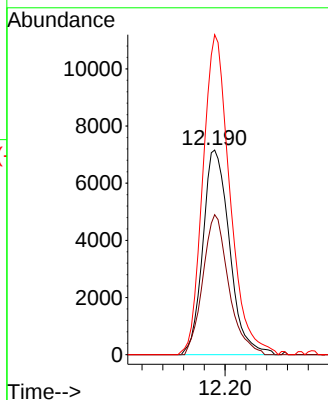
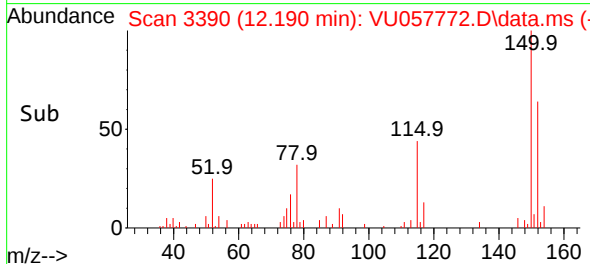
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



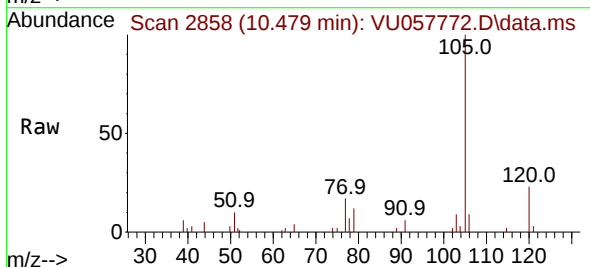
Tgt Ion:152 Resp: 12769
Ion Ratio Lower Upper
152 100
115 66.1 0.0 308.8
150 158.1 0.0 635.0

Manual Integrations
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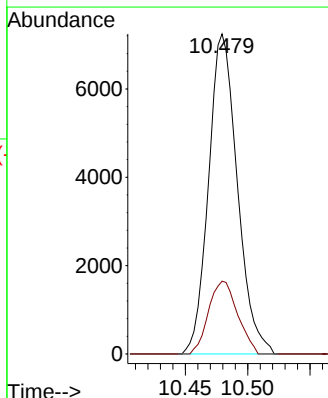
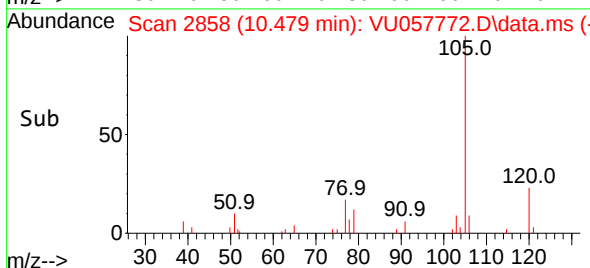
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

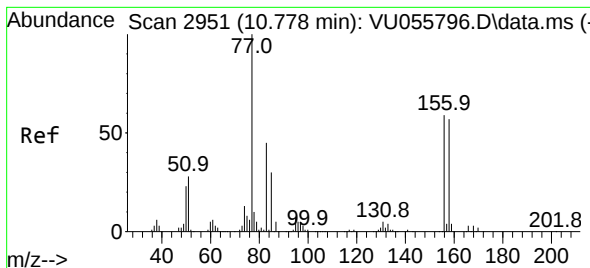


#69
Isopropylbenzene
Concen: 0.229 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. -0.004 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07



Tgt Ion:105 Resp: 11646
Ion Ratio Lower Upper
105 100
120 22.9 12.8 38.4





#72

Bromobenzene

Concen: 0.225 ug/l

RT: 10.782 min Scan# 2951

Delta R.T. 0.004 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

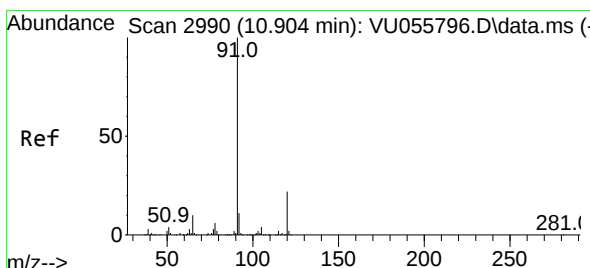
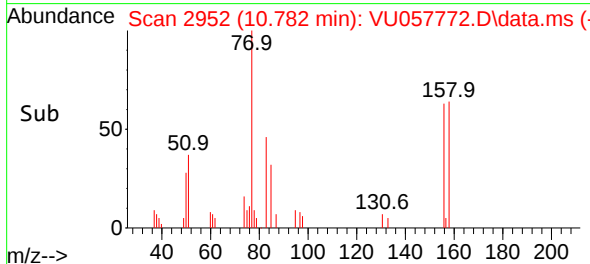
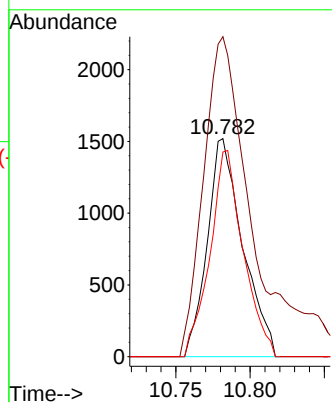
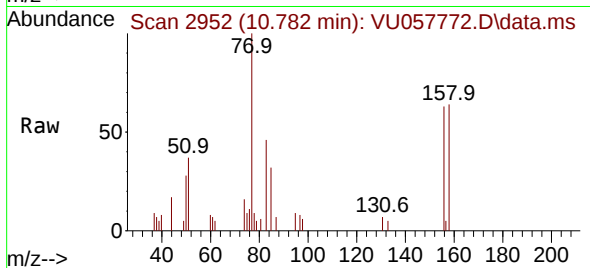
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:	156	Resp:	2519
Ion Ratio	Lower	Upper	
156	100		
77	203.6	0.0	343.0
158	88.7	0.0	194.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#73

n-propylbenzene

Concen: 0.253 ug/l

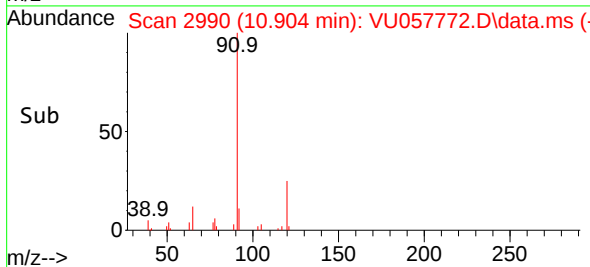
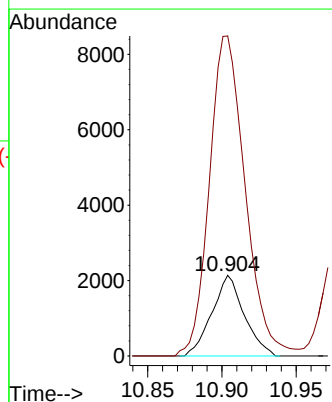
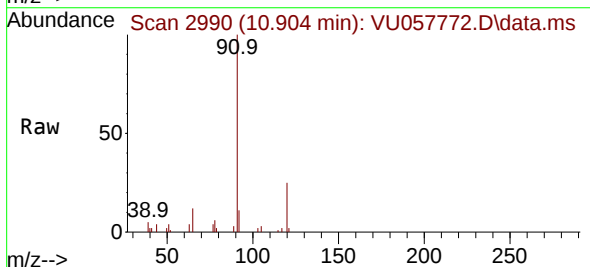
RT: 10.904 min Scan# 2990

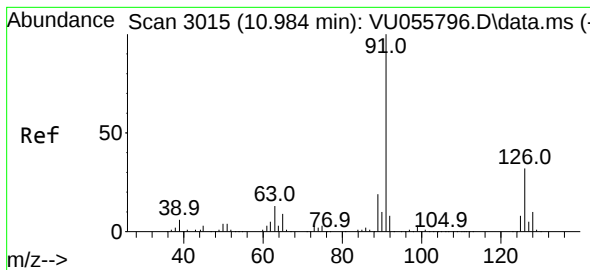
Delta R.T. -0.000 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Tgt Ion:	120	Resp:	3230
Ion Ratio	Lower	Upper	
120	100		
91	441.3	369.8	554.6





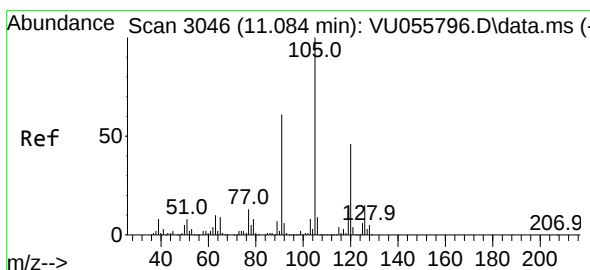
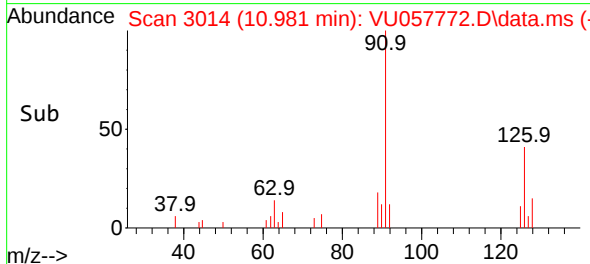
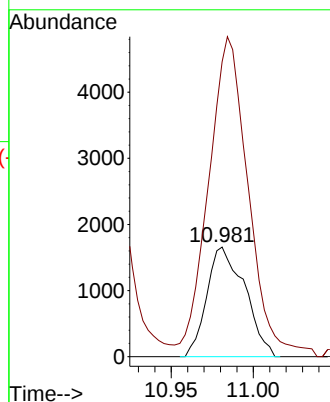
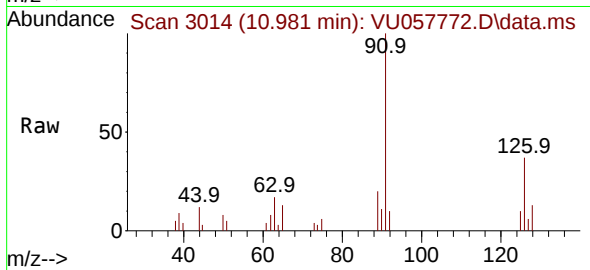
#74
2-Chlorotoluene
Concen: 0.225 ug/l
RT: 10.981 min Scan# 3015
Delta R.T. -0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

Tgt Ion:126 Resp: 2660
Ion Ratio Lower Upper
126 100
91 306.0 0.0 610.0

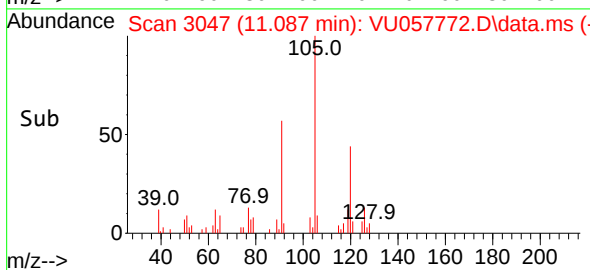
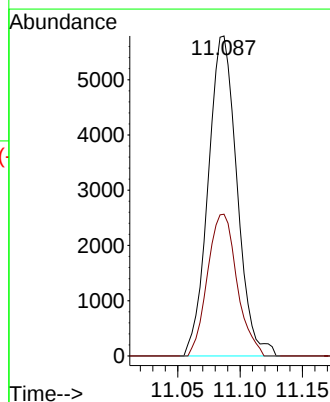
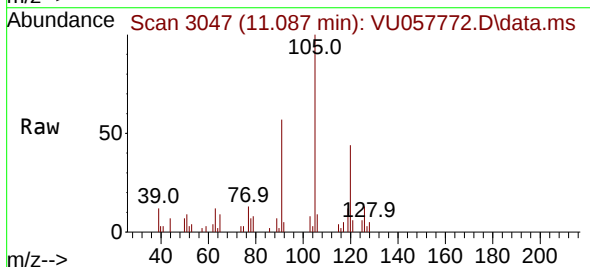
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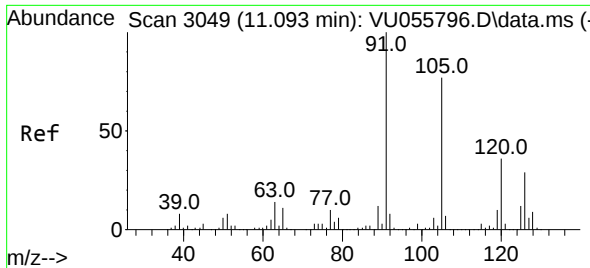
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#75
1,3,5-Trimethylbenzene
Concen: 0.214 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Tgt Ion:105 Resp: 9330
Ion Ratio Lower Upper
105 100
120 45.3 37.8 56.8





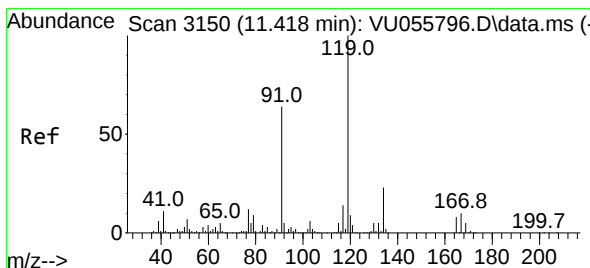
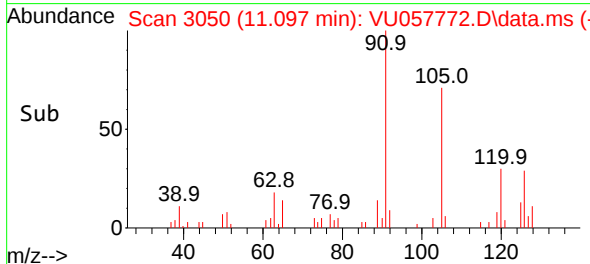
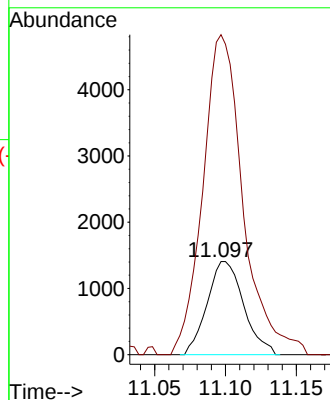
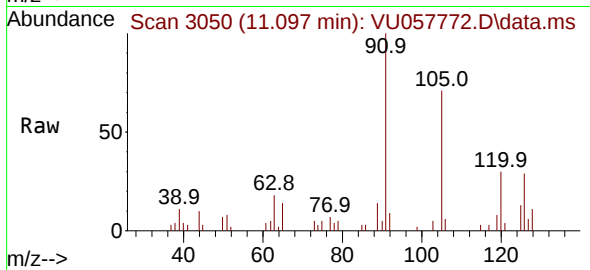
#76
4-Chlorotoluene
Concen: 0.211 ug/l
RT: 11.097 min Scan# 3049
Delta R.T. 0.004 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:126 Resp: 2518
Ion Ratio Lower Upper
126 100
91 378.6 0.0 686.2

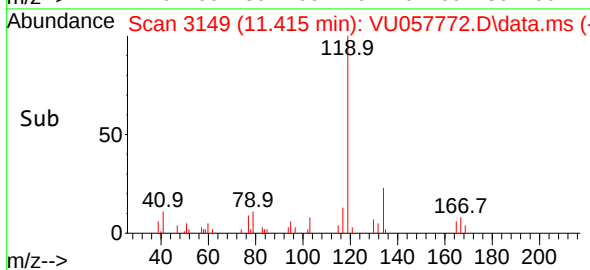
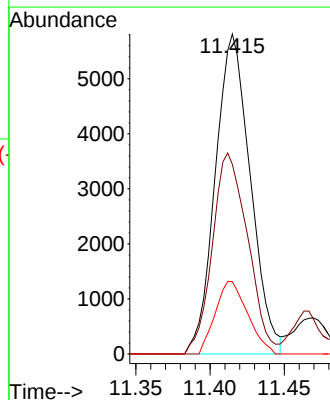
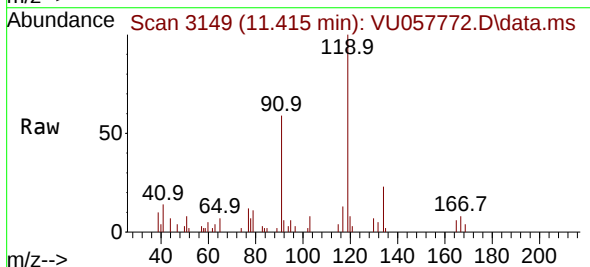
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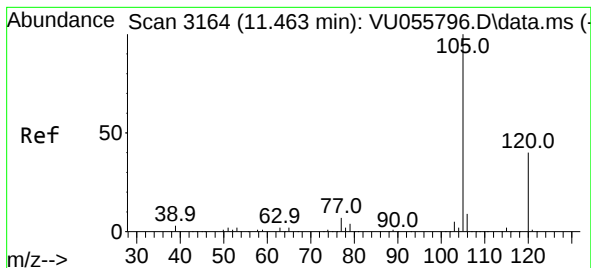
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#77
tert-Butylbenzene
Concen: 0.233 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Tgt Ion:119 Resp: 9561
Ion Ratio Lower Upper
119 100
91 63.0 30.8 92.4
134 20.9 18.0 27.0





#78

1,2,4-Trimethylbenzene

Concen: 0.224 ug/l

RT: 11.467 min Scan# 3164

Delta R.T. 0.004 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion:105 Resp: 9920

Ion Ratio Lower Upper

105 100

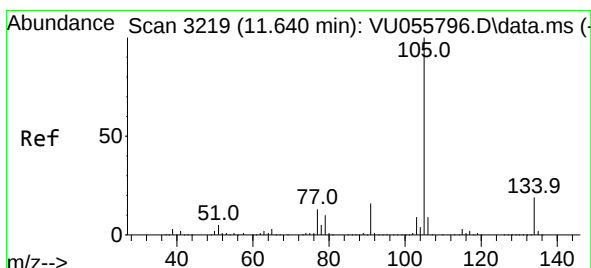
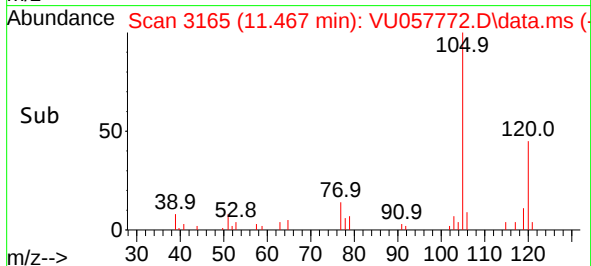
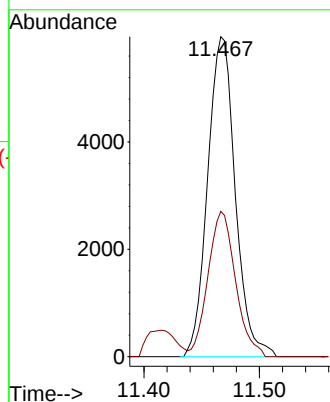
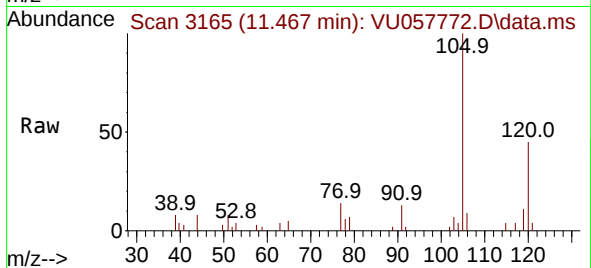
120 45.3 21.9 65.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#79

sec-Butylbenzene

Concen: 0.236 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. -0.003 min

Lab File: VU057772.D

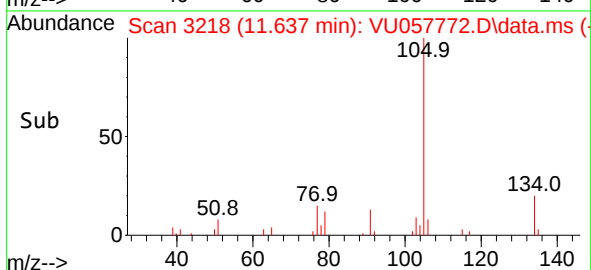
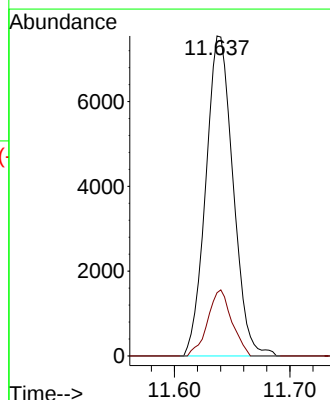
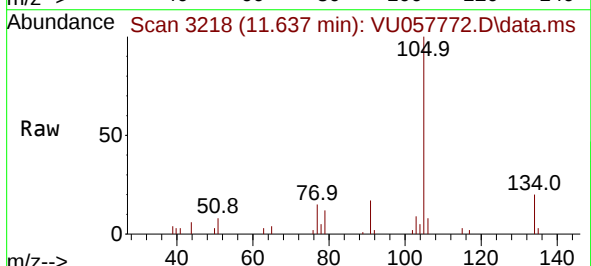
Acq: 01 Feb 2024 12:07

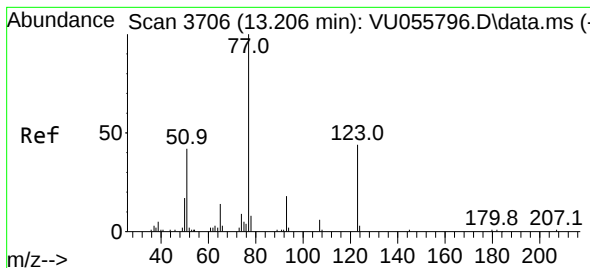
Tgt Ion:105 Resp: 12374

Ion Ratio Lower Upper

105 100

134 18.3 14.9 22.3





#80

Nitrobenzene

Concen: 0.243 ug/l

RT: 13.228 min Scan# 31

Delta R.T. 0.022 min

Lab File: VU057772.D

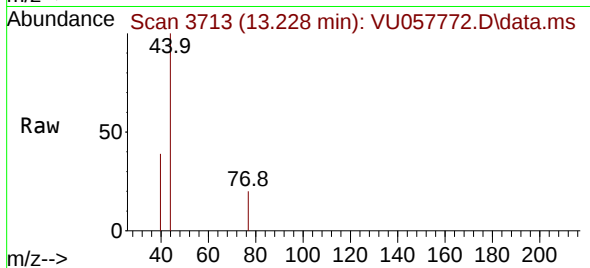
Acq: 01 Feb 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



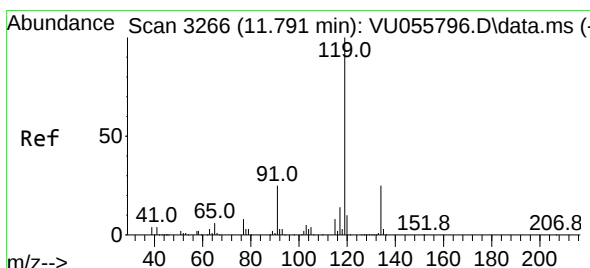
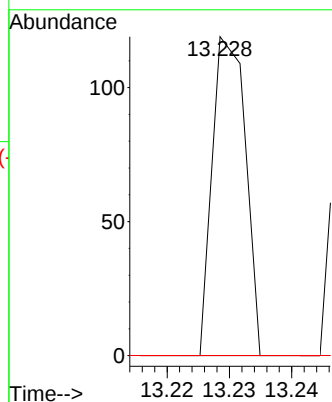
Tgt Ion: 77 Resp: 44

Ion	Ratio	Lower	Upper
77	100		
123	0.0	19.7	69.7
65	0.0	11.5	14.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#81

p-Isopropyltoluene

Concen: 0.222 ug/l

RT: 11.791 min Scan# 3266

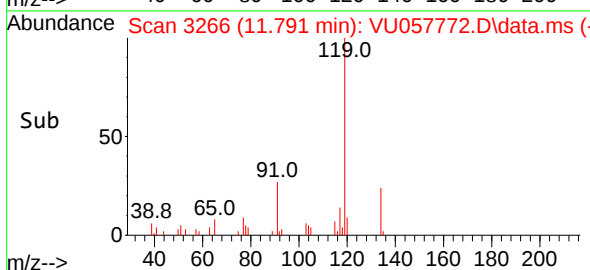
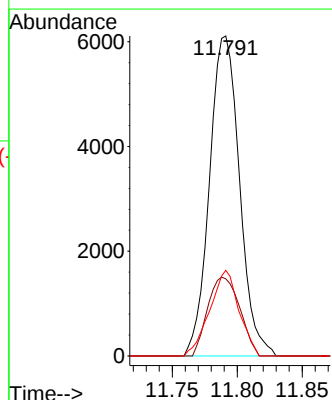
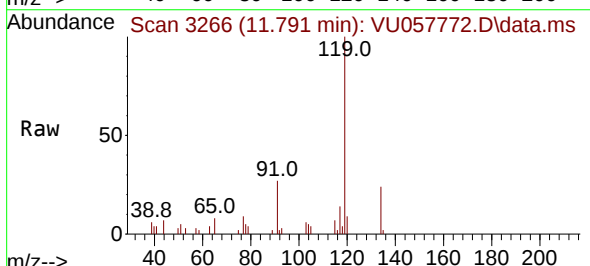
Delta R.T. 0.000 min

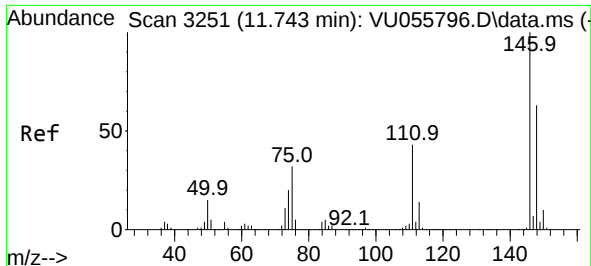
Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Tgt Ion:119 Resp: 9827

Ion	Ratio	Lower	Upper
119	100		
134	26.2	20.2	30.4
91	26.0	19.3	28.9





#82

1,3-Dichlorobenzene

Concen: 0.225 ug/l

RT: 11.746 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

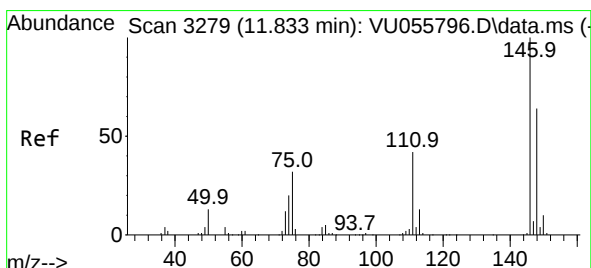
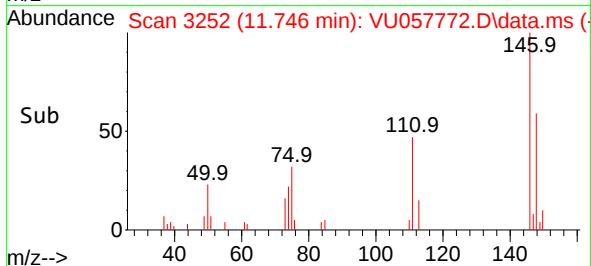
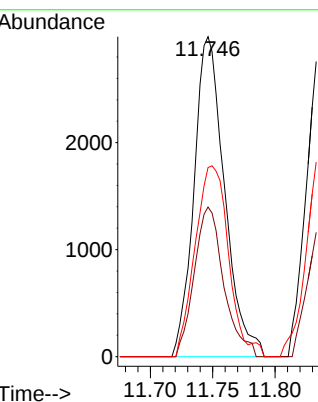
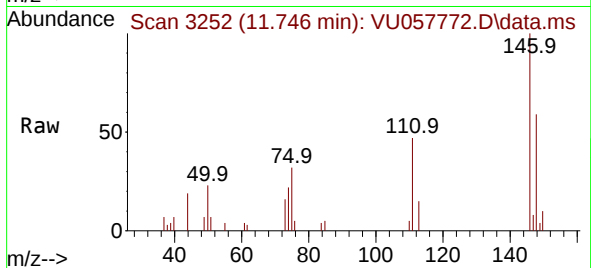
Tgt Ion:146 Resp: 5090

Ion	Ratio	Lower	Upper
146	100		
111	45.2	32.6	49.0
148	65.3	51.0	76.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#83

1,4-Dichlorobenzene

Concen: 0.242 ug/l

RT: 11.836 min Scan# 3280

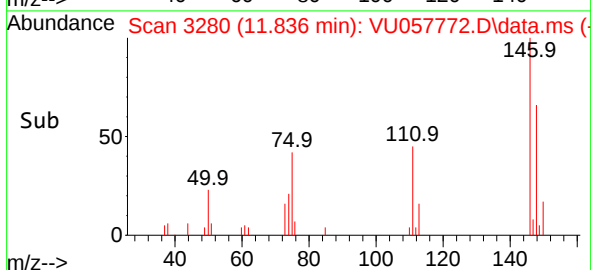
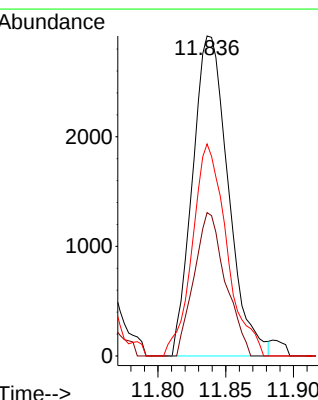
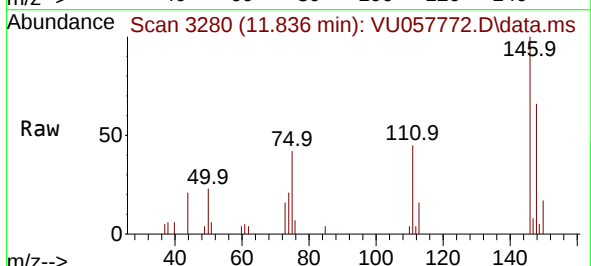
Delta R.T. 0.003 min

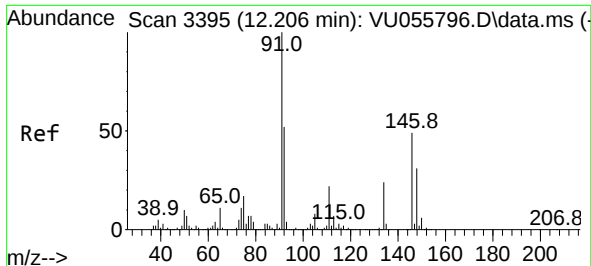
Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Tgt Ion:146 Resp: 5349

Ion	Ratio	Lower	Upper
146	100		
111	39.4	31.6	47.4
148	63.6	50.3	75.5





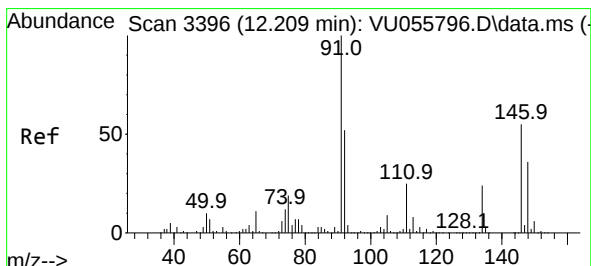
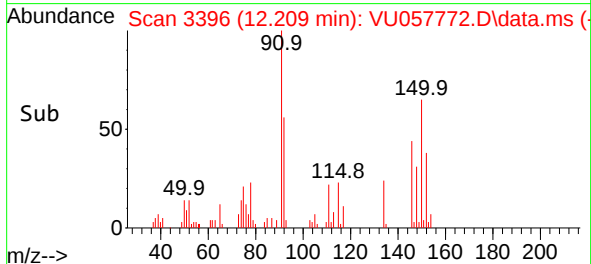
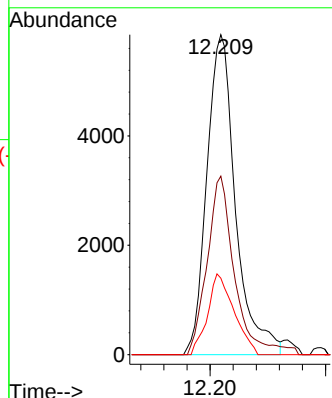
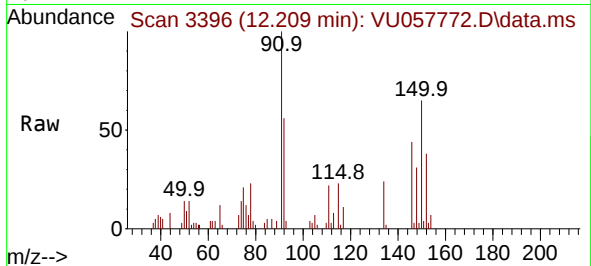
#84
n-Butylbenzene
Concen: 0.239 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 91 Resp: 1008
Ion Ratio Lower Upper
91 100
92 53.5 40.8 61.2
134 23.2 18.4 27.6

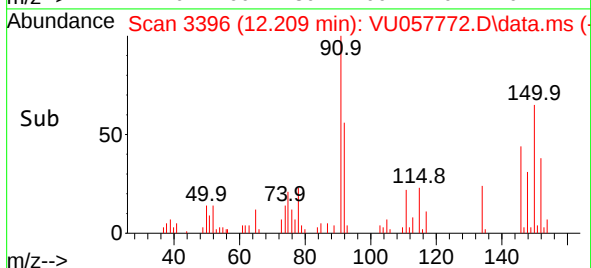
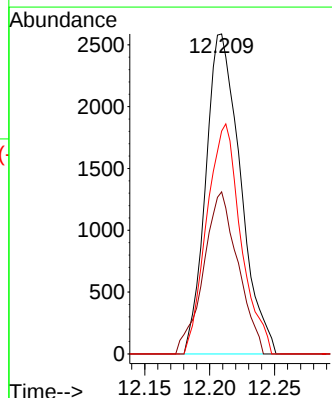
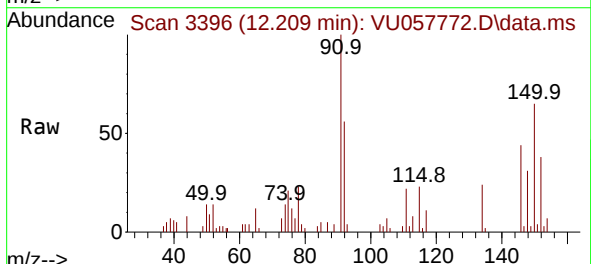
Manual Integrations
APPROVED

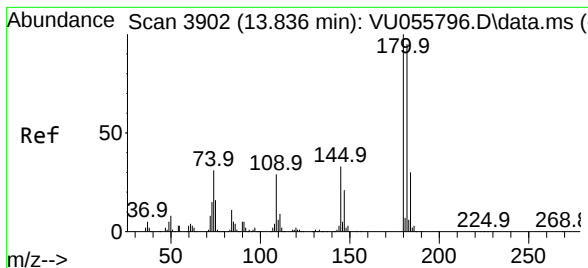
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#85
1,2-Dichlorobenzene
Concen: 0.234 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU057772.D
Acq: 01 Feb 2024 12:07

Tgt Ion:146 Resp: 4804
Ion Ratio Lower Upper
146 100
111 50.3 21.6 64.6
148 70.8 32.1 96.5





#87

1,2,4-Trichlorobenzene

Concen: 0.295 ug/l

RT: 13.846 min Scan# 3905

Delta R.T. 0.010 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

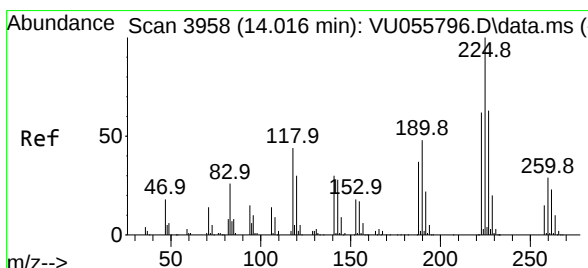
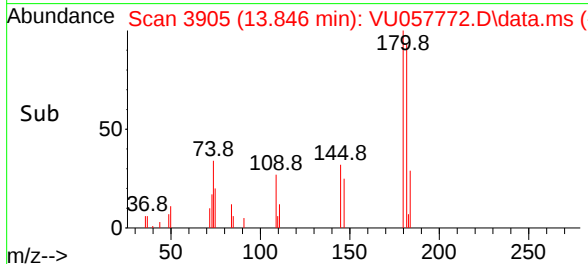
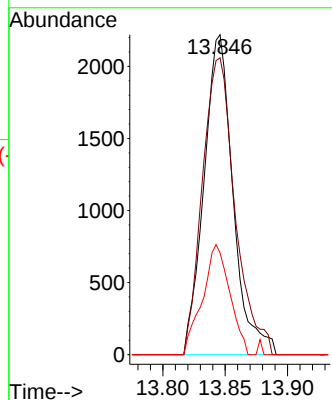
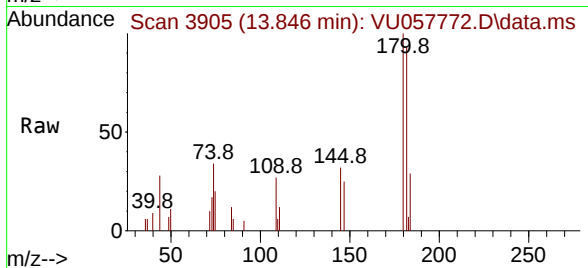
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:180	Resp:	361
Ion Ratio	Lower	Upper
180	100	
182	103.5	75.8 113.6
145	32.2	23.9 35.9

Manual Integrations

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Supervised By :Mahesh Dadoda 02/08/2024



#88

Hexachlorobutadiene

Concen: 0.275 ug/l

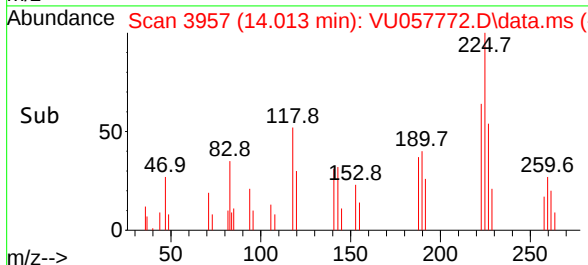
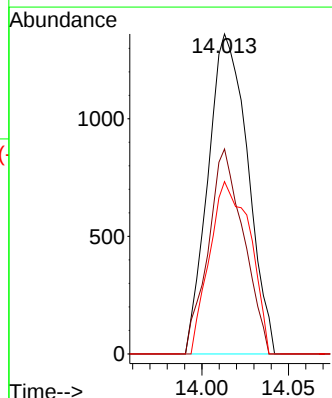
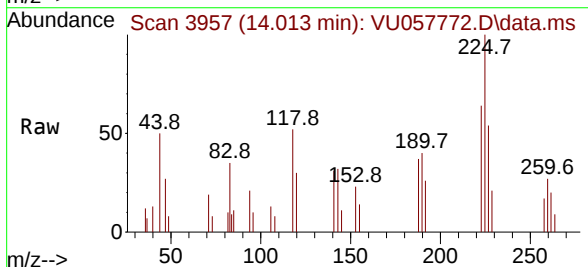
RT: 14.013 min Scan# 3957

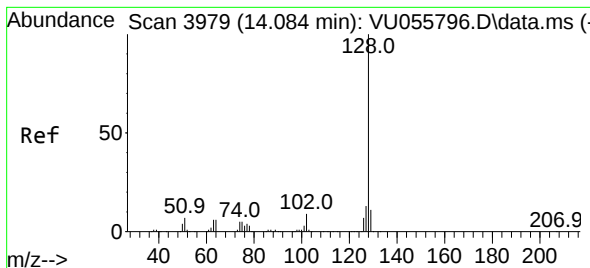
Delta R.T. -0.003 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Tgt Ion:225	Resp:	2168
Ion Ratio	Lower	Upper
225	100	
223	57.1	50.2 75.4
227	55.1	51.5 77.3





#89

Naphthalene

Concen: 0.340 ug/l

RT: 14.093 min Scan# 3982

Delta R.T. 0.009 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

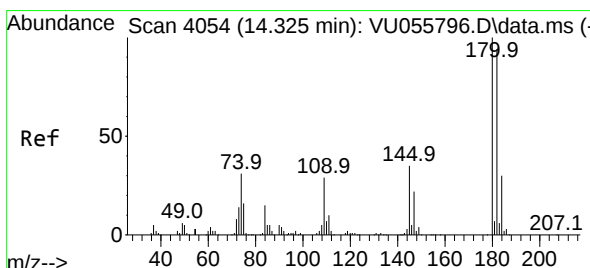
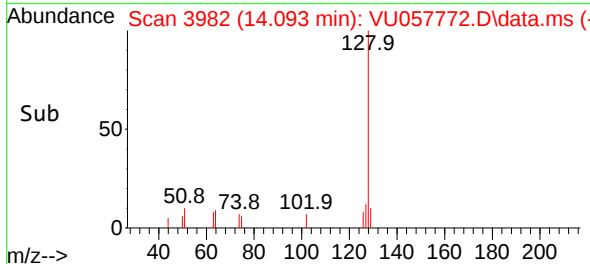
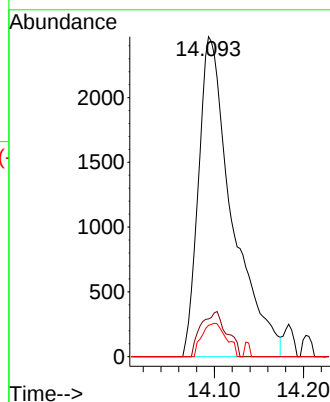
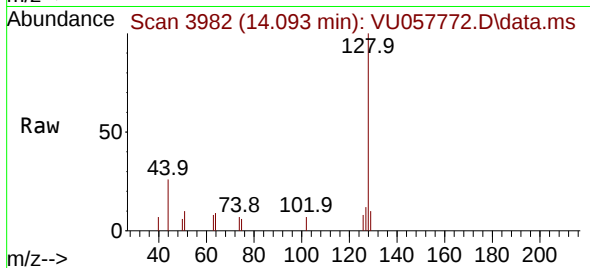
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:128	Resp: 644
Ion Ratio	Lower Upper
128	100
127	10.9 10.9 16.3
129	7.6 8.6 12.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#90

1,2,3-Trichlorobenzene

Concen: 0.326 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU057772.D

Acq: 01 Feb 2024 12:07

Tgt Ion:180	Resp: 3322
Ion Ratio	Lower Upper
180	100
182	98.5 75.7 113.5
145	32.5 26.1 39.1

